# TEST REPORT

| | |
|---|---|
| **Applicant:** | vivo Mobile Communication Co., Ltd. |
| **Address:** | No.1, vivo Road, Chang'an, Dongguan, Guangdong, China |
| **Equipment Type:** | Mobile Phone |
| **Model Name:** | V2434 |
| **Brand Name:** | vivo |
| **FCC ID:** | 2AUCY-V2434 |
| **Test Standard:** | 47 CFR Part 15 Subpart E (refer to section 3.1) |
| **Sample Arrival Date:** | Dec. 30, 2024 |
| **Test Date:** | Dec. 31, 2024 - Jan. 23, 2025 |
| **Date of Issue:** | Feb. 07, 2025 |

**ISSUED BY:**

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Yu Yingyuan **Checked by:** Ye Hongji **Approved by:** Sunny Zou (Technical Director)

**Revision History**

| Version | Issue Date | Revisions |
|---|---|---|
| Rev. 01 | Feb. 07, 2025 | Initial Issue |

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# 1 GENERAL INFORMATION

## 1.1 Test Laboratory

| | |
|---|---|
| Name | Shenzhen BALUN Technology Co., Ltd. |
| Address | Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China |
| Phone Number | +86 755 6685 0100 |

## 1.2 Test Location

| | |
|---|---|
| Name | Shenzhen BALUN Technology Co., Ltd. |
| Location | ☑ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China |
| | ☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China |
| Accreditation Certificate | The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196. |

# 2 PRODUCT INFORMATION

## 2.1 Applicant Information

| | |
|---|---|
| Applicant | vivo Mobile Communication Co., Ltd. |
| Address | No.1, vivo Road, Chang'an, Dongguan, Guangdong, China |

## 2.2 Manufacturer Information

| | |
|---|---|
| Manufacturer | vivo Mobile Communication Co., Ltd. |
| Address | No.1, vivo Road, Chang'an, Dongguan, Guangdong, China |

## 2.3 General Description for Equipment under Test (EUT)

| | |
|---|---|
| EUT Name | Mobile Phone |
| Model Name Under Test | V2434 |
| Series Model Name | N/A |
| Description of Model name differentiation | N/A |
| Hardware Version | MP_0.1 |
| Software Version | N/A |
| Dimensions (Approx.) | N/A |
| Weight (Approx.) | N/A |
| EUT ID | S01, S08 |
| IMEI Number | S01: IMEI:868503079997379 |
| | S08: IMEI:868503079997916 |

## 2.4 Technical Information

| | |
|---|---|
| Network and Wireless connectivity | WIFI 802.11a, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) |

The requirement for the following technical information of the EUT was tested in this report:

| | |
|---|---|
| Frequency Range | U-NII-1: 5150 MHz to 5250 MHz,<br>U-NII-2A: 5250 MHz to 5350 MHz,<br>U-NII-2C: 5470 MHz to 5725 MHz,<br>U-NII-3: 5725 MHz to 5850 MHz |
| Product Type | ☐ Mobile<br>☒ Portable<br>☐ Fix Location |
| Modulation technology | OFDM |
| Modulation Type | 256QAM, 64QAM, 16QAM, BPSK, QPSK |
| Transfer Rate (Mbps) (Single RF path) | 802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps<br>802.11n: up to 150 Mbps<br>802.11ac: up to VHT-MCS9 |
| Channel Bandwidth | 802.11a: 20 MHz<br>802.11n: 20 MHz, 40 MHz<br>802.11ac: 20 MHz, 40 MHz, 80 MHz |
| Maximum Output Power | U-NII-1: 92.04 mW<br>U-NII-2A: 85.51 mW<br>U-NII-2C: 83.75 mW<br>U-NII-3: 85.90 mW |
| Antenna System (eg., MIMO, Smart Antenna) | N/A |
| Categorization as Correlated or Completely Uncorrelated | N/A |
| Antenna Type | PIFA Antenna |
| Antenna Gain | U-NII-1: 5150 MHz to 5250 MHz: -0.11 dBi<br>U-NII-2A: 5250 MHz to 5350 MHz: 0.45 dBi<br>U-NII-2C: 5470 MHz to 5725 MHz: 1.66 dBi<br>U-NII-3: 5725 MHz to 5850 MHz: 0.45 dBi |
| About the Product | The equipment is Mobile Phone, intended for used with information technology equipment. |

Note: The above EUT information in section 2.4 was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

## 2.5 Channel List

| 20 MHz | | 40 MHz | | 80 MHz | |
|---|---|---|---|---|---|
| Channel Number | Frequency (MHz) | Channel Number | Frequency (MHz) | Channel Number | Frequency (MHz) |
| **36** | **5180** | **38** | **5190** | **42** | **5210** |
| 40 | 5200 | **46** | **5230** | **58** | **5290** |
| **44** | **5220** | **54** | **5270** | **106** | **5530** |
| **48** | **5240** | **62** | **5310** | **122** | **5610** |
| **52** | **5260** | **102** | **5510** | **138** | **5690** |
| 56 | 5280 | 110 | 5550 | **155** | **5775** |
| **60** | **5300** | **118** | **5590** | | |
| **64** | **5320** | 126 | 5630 | | |
| **100** | **5500** | **134** | **5670** | | |
| 104 | 5520 | **142** | **5710** | | |
| 108 | 5540 | **151** | **5755** | | |
| 112 | 5560 | **159** | **5795** | | |
| **116** | **5580** | | | | |
| 120 | 5600 | | | | |
| 124 | 5620 | | | | |
| 128 | 5640 | | | | |
| 132 | 5660 | | | | |
| 136 | 5680 | | | | |
| **140** | **5700** | | | | |
| **144** | **5720** | | | | |
| **149** | **5745** | | | | |
| 153 | 5765 | | | | |
| **157** | **5785** | | | | |
| 161 | 5805 | | | | |
| **165** | **5825** | | | | |

The Lowest frequency, the middle frequency and the highest frequency of channel were selected to perform the test, and the selected channel see below:

For 802.11a/n(HT20)/ac(VHT20)

| U-NII-1 (5150 - 5250 MHz) | | | U-NII-2A (5250 - 5350 MHz) | | |
|---|---|---|---|---|---|
| Channel Number | Channel | Frequency (MHz) | Channel Number | Channel | Frequency (MHz) |
| 36 | Low | 5180 | 52 | Low | 5260 |
| 44 | Mid | 5220 | 60 | Mid | 5300 |
| 48 | High | 5240 | 64 | High | 5320 |

| U-NII-2C (5470 - 5725 MHz) | | | U-NII-3 (5725 - 5850 MHz) | | |
|---|---|---|---|---|---|
| Channel Number | Channel | Frequency (MHz) | Channel Number | Channel | Frequency (MHz) |
| 100 | Low | 5500 | 144 | -- | 5720 |
| 116 | Mid | 5580 | 149 | Low | 5745 |
| 140 | High | 5700 | 157 | Mid | 5785 |
| 144 | -- | 5720 | 165 | High | 5825 |

For 802.11n(HT40)/ac(VHT40)

| U-NII-1 (5150 - 5250 MHz) | | | U-NII-2A (5250 - 5350 MHz) | | |
|---|---|---|---|---|---|
| Channel Number | Channel | Frequency (MHz) | Channel Number | Channel | Frequency (MHz) |
| 38 | Low | 5190 | 54 | Low | 5270 |
| 46 | High | 5230 | 62 | High | 5310 |

| U-NII-2C (5470 - 5725 MHz) | | | U-NII-3 (5725 - 5850 MHz) | | |
|---|---|---|---|---|---|
| Channel Number | Channel | Frequency (MHz) | Channel Number | Channel | Frequency (MHz) |
| 102 | Low | 5510 | 142 | -- | 5710 |
| 118 | Mid | 5590 | 151 | Low | 5755 |
| 134 | High | 5670 | 159 | High | 5795 |
| 142 | -- | 5710 | | | |

For 802.11ac(VHT80)

| U-NII-1 (5150 - 5250 MHz) | | | U-NII-2A (5250 - 5350 MHz) | | |
|---|---|---|---|---|---|
| Channel Number | Channel | Frequency (MHz) | Channel Number | Channel | Frequency (MHz) |
| 42 | Mid | 5210 | 58 | Mid | 5290 |

| U-NII-2C (5470 - 5725 MHz) | | | U-NII-3 (5725 - 5850 MHz) | | |
|---|---|---|---|---|---|
| Channel Number | Channel | Frequency (MHz) | Channel Number | Channel | Frequency (MHz) |
| 106 | Low | 5530 | 138 | -- | 5690 |

| | | | | | |
|---|---|---|---|---|---|
| 122 | High | 5610 | 155 | Mid | 5775 |
| 138 | -- | 5690 | | | |

Note: Preliminary tests were performed in different data rate in above table to find the worst radiated emission. The data rate shown in the table below is the worst-case rate with respect to the specific test item. Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

| Test Items | Mode | Data Rate | Modulation Type | U-NII-1 | U-NII-2A | U-NII-2C | U-NII-3 |
|---|---|---|---|---|---|---|---|
| | | | | Channel | Channel | Channel | Channel |
| RF Output Power | 11a | 6 | BPSK | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
| | 11n(20 MHz) | 6.5 | | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
| | 11n(40 MHz) | 13.5 | | 46/38 | 62/54 | 142/134/118/102 | 159/151/142 |
| | 11ac(20 MHz) | 6.5 | | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
| | 11ac(40 MHz) | 13.5 | | 46/38 | 62/54 | 142/134/118/102 | 159/151/142 |
| | 11ac(80 MHz) | 29.3 | | 42 | 58 | 138/122/106 | 155/138 |
| Emission Bandwidth & 99% Occupied Bandwidth | 11a | 6 | BPSK | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
| | 11n(20 MHz) | 6.5 | | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
| | 11n(40 MHz) | 13.5 | | 46/38 | 62/54 | 142/134/118/102 | 159/151/142 |
| | 11ac(20 MHz) | 6.5 | | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
| | 11ac(40 MHz) | 13.5 | | 46/38 | 62/54 | 142/134/118/102 | 159/151/142 |
| | 11ac(80 MHz) | 29.3 | | 42 | 58 | 138/122/106 | 155/138 |
| 6 dB bandwidth | 11a | 6 | BPSK | N/A | N/A | N/A | 165/157/149/144 |
| | 11n(20 MHz) | 6.5 | | N/A | N/A | N/A | 165/157/149/144 |
| | 11n(40 MHz) | 13.5 | | N/A | N/A | N/A | 159/151/142 |
| | 11ac(20 MHz) | 6.5 | | N/A | N/A | N/A | 165/157/149/144 |
| | 11ac(40 MHz) | 13.5 | | N/A | N/A | N/A | 159/151/142 |
| | 11ac(80 MHz) | 29.3 | | N/A | N/A | N/A | 155/138 |
| Power Spectral Density | 11a | 6 | BPSK | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
| | 11n(20 MHz) | 6.5 | | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
| | 11n(40 MHz) | 13.5 | | 46/38 | 62/54 | 142/134/118/102 | 159/151/142 |
| | 11ac(20 MHz) | 6.5 | | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
| | 11ac(40 MHz) | 13.5 | | 46/38 | 62/54 | 142/134/118/102 | 159/151/142 |
| | 11ac(80 MHz) | 29.3 | | 42 | 58 | 138/122/106 | 155/138 |
| Radiated Spurious Emissions | 11a | 6 | BPSK | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
| | 11n(20 MHz) | 6.5 | | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
| | 11n(40 MHz) | 13.5 | | 46/38 | 62/54 | 142/134/118/102 | 159/151/142 |
| | 11ac(20 MHz) | 6.5 | | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
| | 11ac(40 MHz) | 13.5 | | 46/38 | 62/54 | 142/134/118/102 | 159/151/142 |
| | 11ac(80 MHz) | 29.3 | | 42 | 58 | 138/122/106 | 155/138 |
| Band Edge (Restricted-band) | 11a | 6 | BPSK | 48/36 | 64/52 | 144/140/100 | 165/149/144 |
| | 11n(20 MHz) | 6.5 | | 48/36 | 64/52 | 144/140/100 | 165/149/144 |
| | 11n(40 MHz) | 13.5 | | 46/38 | 62/54 | 142/134/102 | 159/151/142 |
| | 11ac(20 MHz) | 6.5 | | 48/36 | 64/52 | 144/140/100 | 165/149/144 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 11ac(40 MHz) | 13.5 | | 46/38 | 62/54 | 142/134/102 | 159/151/142 |
| | 11ac(80 MHz) | 29.3 | | 42 | 58 | 138/122/106 | 155/138 |

# 3 SUMMARY OF TEST RESULTS

## 3.1 Test Standards

| No. | Identity | Document Title |
|---|---|---|
| 1 | 47 CFR Part 15 Subpart E | Unlicensed National Information Infrastructure Devices |
| 2 | KDB Publication 789033 D02v02r01 | Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E |
| 3 | ANSI C63.10-2013 | American National Standard for Testing Unlicensed Wireless Devices |

## 3.2 Test Verdict

| No. | Description | FCC Part No. | Test Result | Verdict |
|---|---|---|---|---|
| 1 | Antenna Requirement | 15.203 | -- | Pass[Note1] |
| 2 | RF Output Power | 15.407(a) | ANNEX A.1 | Pass |
| 3 | Emission Bandwidth & 99% Occupied Bandwidth | 15.407(a) | ANNEX A.2 | Pass |
| 4 | 6 dB bandwidth | 15.407(e) | ANNEX A.3 | Pass |
| 5 | Power Spectral Density | 15.407(a) | ANNEX A.4 | Pass |
| 6 | Conducted Emission | 15.207 | ANNEX A.5 | Pass |
| 7 | Radiated Spurious Emissions and Band Edge (Restricted-band) | 15.407(b) | ANNEX A.6 | Pass |

Note [1]: The EUT has a permanently and irreplaceable attached antenna, which complies with the requirement FCC 15.203.

Note [2]: Under all normal operating conditions specified in the user manual, frequency stability can keep radiation within the operating frequency band.

# 4 GENERAL TEST CONFIGURATIONS

## 4.1 Test Environments

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

| | | |
|---|---|---|
| Relative Humidity | 39% to 69% | |
| Atmospheric Pressure | 100 kPa to 102 kPa | |
| Temperature | NT (Normal Temperature) | +20.8℃ to +25.1℃ |
| Working Voltage of the EUT | NV (Normal Voltage) | 3.91V |

## 4.2 Test Equipment List

| Description | Manufacturer | Model | Serial No. | Cal. Date | Cal. Due |
|---|---|---|---|---|---|
| Spectrum Analyzer | KEYSIGHT | N9020A | MY56060183 | 2024.08.01 | 2025.07.31 |
| Power Sensor | KEYSIGHT | U2063XA | MY58000251 | 2024.07.04 | 2025.07.03 |
| Spectrum Analyzer | ROHDE&SCHWARZ | FSV-40 | 101544 | 2024.12.16 | 2025.12.15 |
| Spectrum Analyzer | KEYSIGHT | N9020A | MY52510065 | 2024.08.01 | 2025.07.31 |
| Signaling Unit | ROHDE&SCHWARZ | CMW500 | 171150 | 2024.05.22 | 2025.05.21 |
| Test Antenna-Horn | SCHWARZBECK | BBHA 9120D | 01631 | 2022.02.23 | 2025.02.22 |
| Test Antenna-Horn | A-INFO | LB-180400KF | J211060273 | 2024.06.15 | 2027.06.14 |
| Anechoic Chamber | RAINFORD | 9m*6m*6m | 144 | 2022.02.19 | 2025.09.03 |
| Amplifier | COM-MV | LSCX_LNA1-12G-01 | 180602 | 2024.08.01 | 2025.07.31 |
| Amplifier | COM-MV | XKu_LNA7-18G-01 | 180601 | 2024.08.01 | 2025.07.31 |
| Amplifier | COM-MV | KA LNA18 40G-01 | 18050001 | 2024.12.05 | 2025.12.04 |
| EMI Receiver | ROHDE&SCHWARZ | ESRP | 101036 | 2024.08.01 | 2025.07.31 |
| Test Antenna-Loop | SCHWARZBECK | FMZB 1519 | 1519-037 | 2024.01.23 | 2027.01.22 |
| Amplifier | COM-MV | ZT30-1000M | B2018054558 | 2024.11.28 | 2025.11.27 |
| Anechoic Chamber | EMC Electronic Co., Ltd | 20.10*11.60*7.35m | 130 | 2024.07.13 | 2027.07.12 |
| EMI Receiver | Agilent | N9038A | MY55330120 | 2024.08.01 | 2025.07.31 |
| Test Antenna-Bi-Log | SCHWARZBECK | VULB 9168 | 9168-00867 | 2022.04.12 | 2025.04.11 |
| Amplifier | COM-MV | ZT30-1000M | B2017119081 | 2024.11.28 | 2025.11.27 |
| Anechoic Chamber | YiHeng | 9m*6m*6m | 142 | 2024.07.21 | 2027.07.20 |
| EMI Receiver | KEYSIGHT | N9010B | MY57110309 | 2024.08.01 | 2025.07.31 |
| LISN | SCHWARZBECK | NSLK 8127 | 8127-687 | 2024.05.09 | 2025.05.08 |
| Shielded Enclosure | YiHeng Electronic Co., Ltd | 3.5m*3.1m*2.8m | 112 | 2022.02.19 | 2025.02.18 |

## 4.3 Test Software List

| Description | Manufacturer | Software Version | Serial No. | Applicable test Setup |
|---|---|---|---|---|
| BL410R | BALUN | V2.1.1.488 | N/A | The section 4.5.1 |
| BL410E | BALUN | V22.930 | N/A | The section 4.5.2&4.5.3&4.5.4&4.5.5 |

## 4.4 Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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

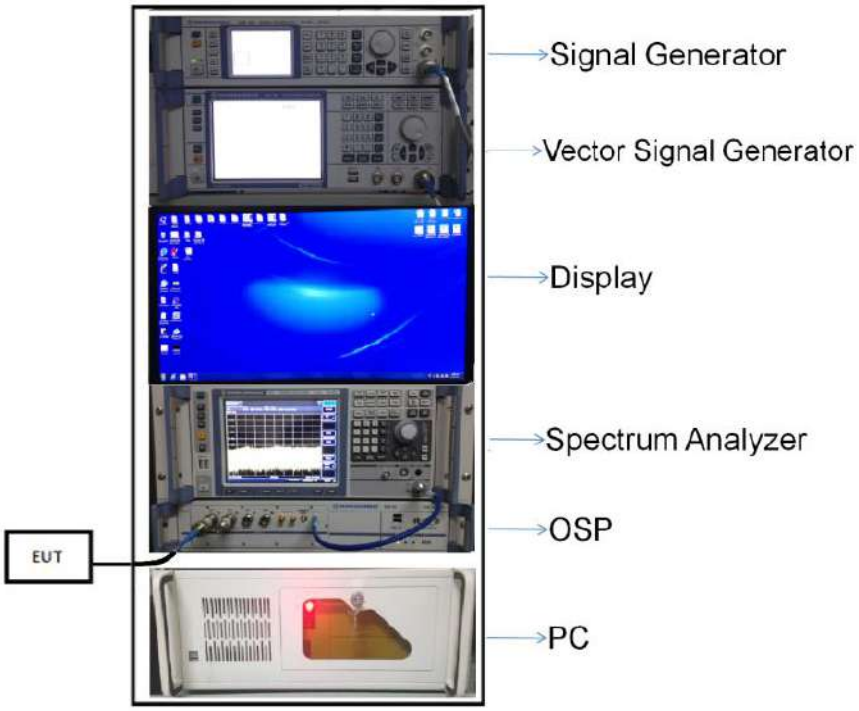
| Parameters | Uncertainty |
|---|---|
| Occupied Channel Bandwidth | 2.8% |
| RF output power, conducted | 1.28 dB |
| Power Spectral Density, conducted | 1.30 dB |
| Unwanted Emissions, conducted | 1.84 dB |
| All emissions, radiated | 5.36 dB |
| Temperature | 0.8°C |
| Humidity | 4% |

## 4.5 Description of Test Setup

### 4.5.1 For Antenna Port Test

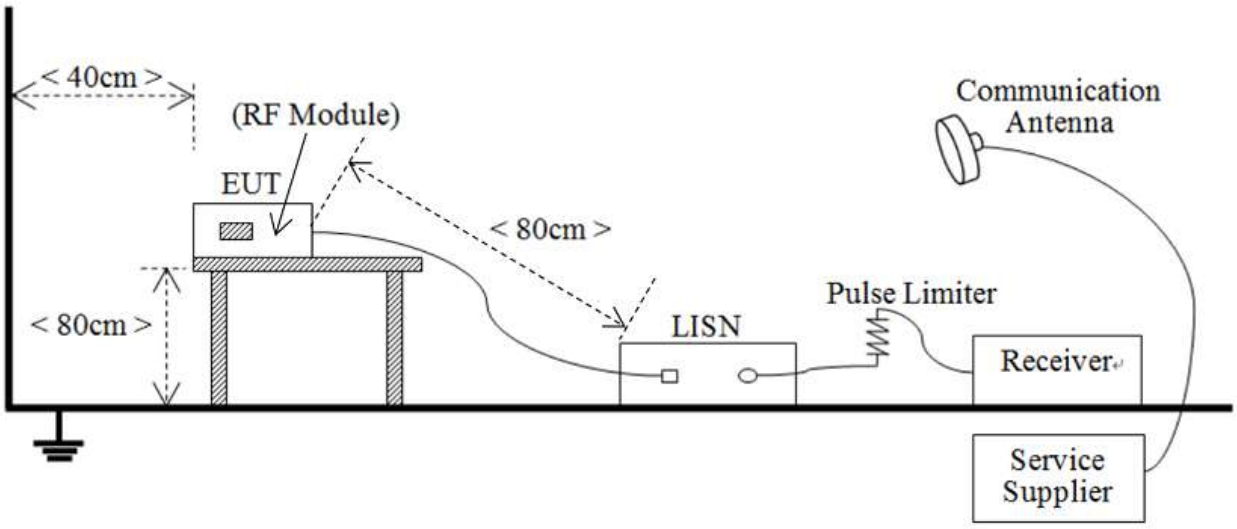
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:
Conducted value (dBm) = 10 dBm + 0.5 dB = 10.5 dBm



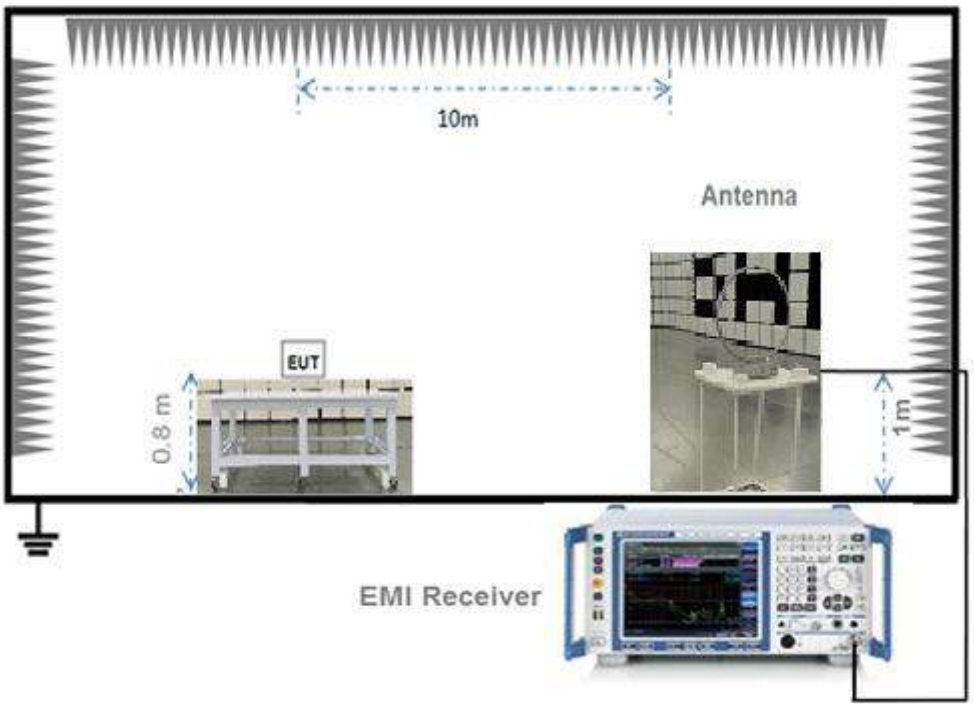

**(Diagram 1)**

### 4.5.2 For AC Power Supply Port Test



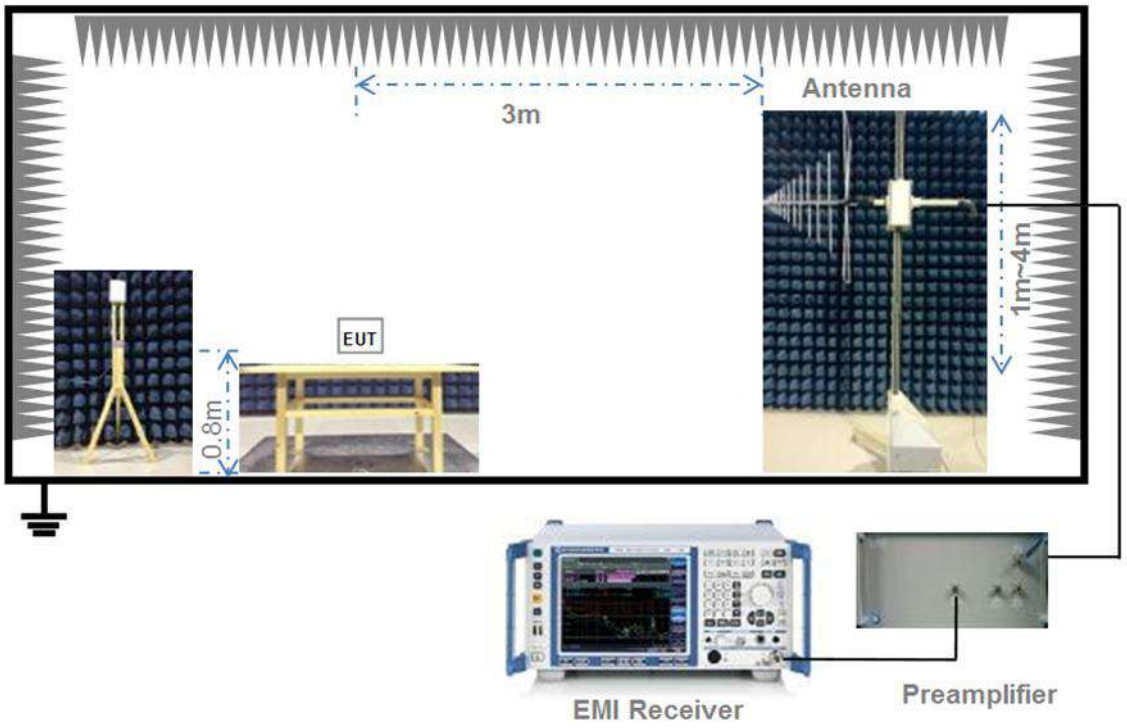

**(Diagram 2)**

### 4.5.3 For Radiated Test (Below 30 MHz)



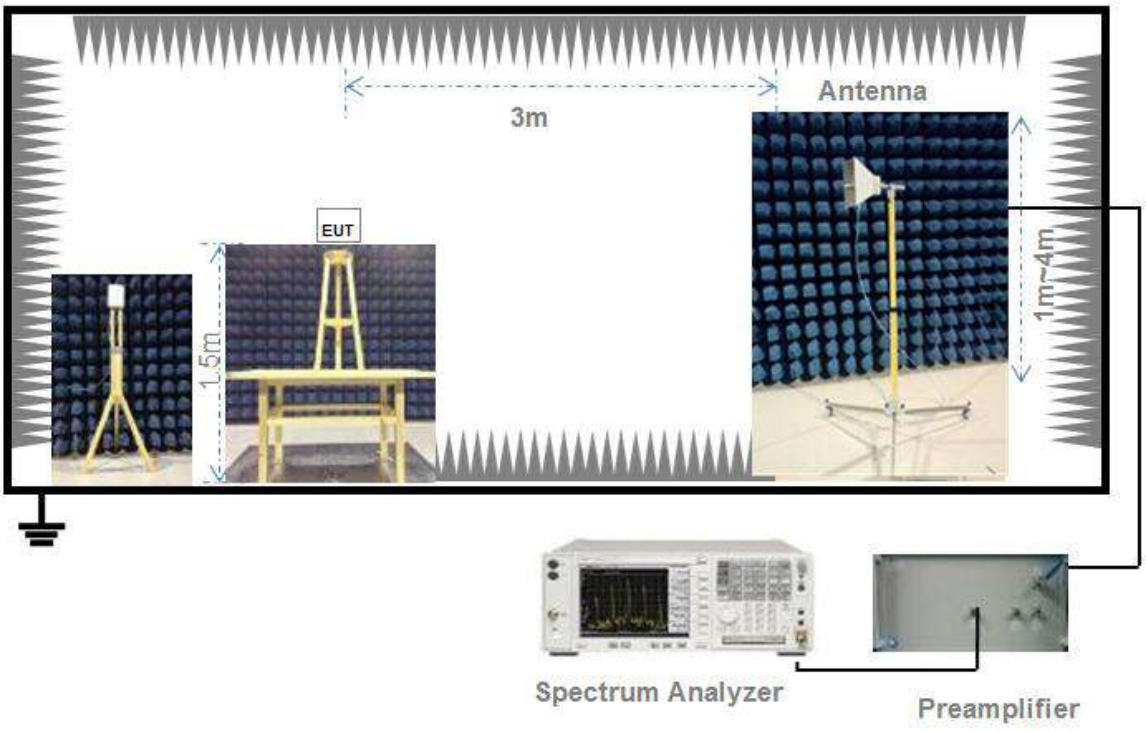

**(Diagram 3)**

### 4.5.4 For Radiated Test (30 MHz-1 GHz)




**(Diagram 4)**

### 4.5.5 For Radiated Test (Above 1 GHz)




**(Diagram 5)**

# 5 TEST ITEMS

## 5.1 RF Output Power

### 5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

| Frequency Band (MHz) | Limit |
|---|---|
| 5150-5250 | 250 mW |
| 5250-5350 | 250 mW or 11 dBm + 10log B, whichever is less. |
| 5470-5725 | 250 mW or 11 dBm + 10log B, whichever is less. |
| 5725-5850 | 1 W |
| Note: Where “B” is the 26 dB emissions bandwidth in MHz. | |

### 5.1.2 Test Setup

The section 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

### 5.1.3 Test Procedure

Maximum conducted (average) output power

a) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied.

1) The EUT is configured to transmit continuously or to transmit with a constant duty cycle.

2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.

3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

b) If the transmitter does not transmit continuously, measure the duty cycle (x) of the transmitter output signal.

c) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.

d) Adjust the measurement in dBm by adding 10 log (1/x) where x is the duty cycle.

Measurements of duty cycle

The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal.

Set the center frequency of the instrument to the center frequency of the transmission.

Set RBW ≥ OBW if possible; otherwise, set RBW to the largest available value.

Set VBW ≥ RBW. Set detector = peak or average.

The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if T ≤ 16.7 microseconds.)

The E.I.R.P used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

### 5.1.4 Test Result

Please refer to ANNEX A.1.

## 5.2 Emission Bandwidth and 6 dB Bandwidth

### 5.2.1 Limit

FCC §15.407(a)

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

### 5.2.2 Test Setup

The test setup photo please refer to 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

### 5.2.3 Test Procedure

#### Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.

2. Set VBW ≥ 3*RBW,

3. Detector = Peak.

4. Trace mode = Max hold.

5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

#### Occupied Bandwidth

1. Set Span = 1.5 times to 5.0 times the OBW

2. Set RBW = 1% to 5% of the OBW.

3. Set VBW ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

5. Use the 99% power bandwidth function of the instrument.

#### 6 dB bandwidth

1. Set RBW = 100 kHz, VBW = 300 kHz.

2. Detector = Peak.Trace mode = Max hold.

3. Allow the trace to stabilize.

4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

### 5.2.4 Test Result

Please refer to ANNEX A.2 and ANNEX A.3.

## 5.3 Power Spectral density (PSD)

### 5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

| Frequency Band (MHz) | Limit |
|---|---|
| 5150-5250 | 11 dBm/MHz |
| 5250-5350 | 11 dBm/MHz |
| 5470-5725 | 11 dBm/MHz |
| 5725-5850 | 30 dBm/500kHz |

### 5.3.2 Test Setup

The section 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

### 5.3.3 Test Procedure

Set the spectrum analyzer or EMI receiver span to view the entire emission bandwidth.
1. Set RBW = 510 kHz/1 MHz, VBW ≥ 3*RBW, Sweep time = Auto, Detector = RMS.
2. Allow the sweeps to continue until the trace stabilizes.
3. Use the peak marker function to determine the maximum amplitude level.
4. The E.I.R.P spectral density used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

### 5.3.4 Test Result

Please refer to ANNEX A.4.

## 5.4 Conducted Emission

### 5.4.1 Limit

FCC §15.207

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the U-NII-150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50μH/50Ω line impedance stabilization network (LISN).

| Frequency range (MHz) | Conducted Limit (dBμV) | |
|---|---|---|
| | Quai-peak | Average |
| 0.15 - 0.50 | 66 to 56 | 56 to 46 |
| 0.50 - 5 | 56 | 46 |
| 0.50 - 30 | 60 | 50 |

### 5.4.2 Test Setup

The section 4.5.2 (Diagram 2) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

### 5.4.3 Test Procedure

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.

### 5.4.4 Test Result

Please refer to ANNEX A.5.

## 5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

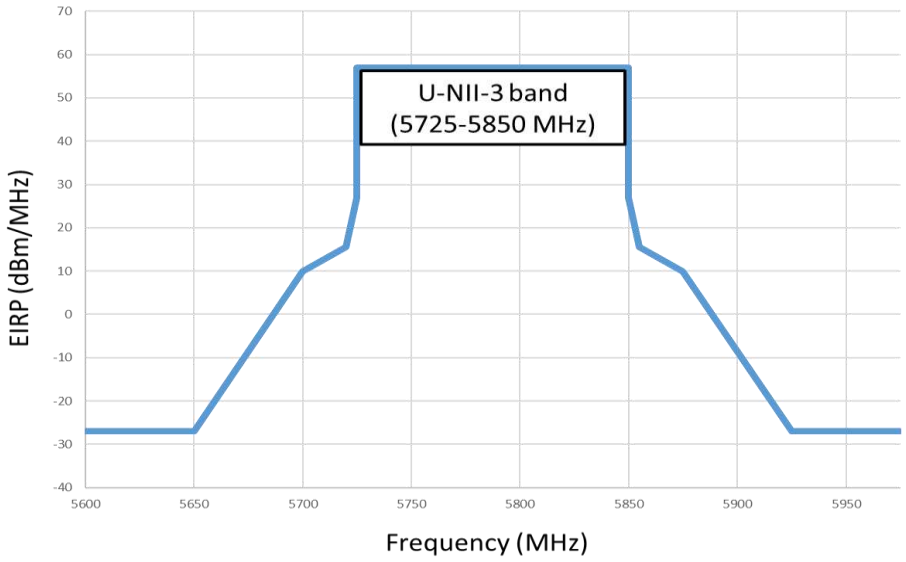
### 5.5.1 Limit

FCC §15.209 & 15.407(b)

| Frequency (MHz) | Field Strength (μV/m) | Measurement Distance (m) |
|---|---|---|
| 0.009 - 0.490 | 2400/F(kHz) | 300 |
| 0.490 - 1.705 | 24000/F(kHz) | 30 |
| 1.705 - 30.0 | 30 | 30 |
| 30 - 88 | 100 | 3 |
| 88 - 216 | 150 | 3 |
| 216 - 960 | 200 | 3 |
| Above 960 | 500 | 3 |

Note [1]: The Limit for radiated test was performed according to FCC Part 15C

Note [2]: The tighter limit applies at the band edge.

| Un-restricted band emissions | |
|---|---|
| Out Operating Band (MHz) | Limit |
| 5150 - 5250 | e.i.r.p. -27 dBm (68.2 dBuV/m@3m) |
| 5250 - 5350 | e.i.r.p. -27 dBm (68.2 dBuV/m@3m) |
| 5470 - 5725 | e.i.r.p. -27 dBm (68.2 dBuV/m@3m) |
| 5725 - 5850 | 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 25 MHz 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 27 dBm/MHz at the band edge.   |

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength.

### 5.5.2 Test Setup

The section 4.5.3-4.5.5 (Diagram 3 - Diagram 5) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

### 5.5.3 Test Procedure

Since the emission limits are specified in terms of radiated field strength levels, measurements performed to demonstrate compliance have traditionally relied on a radiated test configuration. Radiated measurements remain the principal method for demonstrating compliance to the specified limits; however antenna-port conducted measurements are also now acceptable to demonstrate compliance (see below for details). When radiated measurements are utilized, test site requirements and procedures for maximizing and measuring radiated emissions that are described in ANSI C63.10 shall be followed.

Antenna-port conducted measurements may also be used as an alternative to radiated measurements for demonstrating compliance in the restricted frequency bands. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test for cabinet/case spurious emissions is required.

General Procedure for conducted measurements in restricted bands

a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).

b) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).

c) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).

d) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

E = EIRP – 20log D + 104.8

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

e) Compare the resultant electric field strength level to the applicable limit.

f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

The specifications for measurements using the CISPR quasi-peak detector can be found in Publication 16 of the International Special Committee on Radio Frequency Interference (CISPR) of the International Electrotechnical Commission.

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable

emission limits using a peak detector.

Peak power measurement procedure

Peak emission levels are measured by setting the instrument as follows:

a) RBW = as specified in Table 1.

b) VBW ≥ 3 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

| Frequency | RBW |
|---|---|
| 9-150 kHz | 200-300 Hz |
| 0.15-30 MHz | 9-10 kHz |
| 30-1000 MHz | 100-120 kHz |
| > 1000 MHz | 1 MHz |

If the peak-detected amplitude can be shown to comply with the average limit, then it is not necessary to perform a separate average measurement.

Trace averaging across on and off times of the EUT transmissions followed by duty cycle correction

If continuous transmission of the EUT (i.e., duty cycle ≥ 98 percent) cannot be achieved and the duty cycle is constant (i.e., duty cycle variations are less than ± 2 percent), then the following procedure shall be used:

a) The EUT shall be configured to operate at the maximum achievable duty cycle.

b) Measure the duty cycle, x, of the transmitter output signal as described in section 6.0.

c) RBW = 1 MHz (unless otherwise specified).

d) VBW ≥ 3 x RBW.

e) Detector = RMS, if span/(# of points in sweep) ≤ (RBW/2). Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.

f) Averaging type = power (i.e., RMS).

1) As an alternative, the detector and averaging type may be set for linear voltage averaging.

2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.

g) Sweep time = auto.

h) Perform a trace average of at least 100 traces.

i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:

1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is 10 log(1/x), where x is the duty cycle.

2) If linear voltage averaging mode was used in step f), then the applicable correction factor is 20 log(1/x), where x is the duty cycle.

3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

NOTE: Reduction of the measured emission amplitude levels to account for operational duty factor is not permitted. Compliance is based on emission levels occurring during transmission - not on an average across on and off times of the transmitter.

Determining the applicable transmit antenna gain

A conducted power measurement will determine the maximum output power associated with a restricted band emission; however, in order to determine the associated EIRP level, the gain of the transmitting antenna (in dBi) must be added to the measured output power (in dBm).

Since the out-of-band characteristics of the EUT transmit antenna will often be unknown, the use of a conservative antenna gain value is necessary. Thus, when determining the EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2 dBi, whichever is greater. However, for devices that operate in multiple frequency bands while using the same transmit antenna, the highest gain of the antenna within the operating band nearest in frequency to the restricted band emission being measured may be used in lieu of the overall highest gain when the emission is at a frequency that is within 20 percent of the nearest band edge frequency, but in no case shall a value less than 2 dBi be used.

See KDB 662911 for guidance on calculating the additional array gain term when determining the effective antenna gain for a EUT with multiple outputs occupying the same or overlapping frequency ranges in the same band.

Radiated spurious emission test

An additional consideration when performing conducted measurements of restricted band emissions is that unwanted emissions radiating from the EUT cabinet, control circuits, power leads, or intermediate circuit elements will likely go undetected in a conducted measurement configuration. To address this concern, a radiated test shall be performed to ensure that emissions emanating from the EUT cabinet (rather than the antenna port) also comply with the applicable limits.

For these cabinet radiated spurious emission measurements the EUT transmit antenna may be replaced with a termination matching the nominal impedance of the antenna. Procedures for performing radiated measurements are specified in ANSI C63.10. All detected emissions shall comply with the applicable limits.

The measurement frequency range is from 30 MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured
RBW = 1 MHz for f ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ RBW
Sweep = auto
Detector function = peak
Trace = max hold

### 5.5.4 Test Result

Please refer to ANNEX A.6.

# ANNEX A TEST RESULT

## A.1 RF Output Power

Note [1]: For FCC standard, if transmitting antennas of directional gain greater than 6 dBi are used, all band maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Duty Cycle

| Test Mode | On Time (ms) | On+Off time (ms) | Duty Cycle |
|---|---|---|---|
| 11a | 2.199 | 2.239 | 98.21% |
| 11n (HT20) | 2.047 | 2.082 | 98.32% |
| 11n (HT40) | 1.006 | 1.039 | 96.82% |
| 11ac (VHT20) | 2.052 | 2.093 | 98.04% |
| 11ac (VHT40) | 1.011 | 1.049 | 96.38% |
| 11ac (VHT80) | 0.488 | 0.525 | 92.89% |

Test Data

Conducted Power

| U-NII-1 (5150 - 5250 MHz) | | | | | |
|---|---|---|---|---|---|
| Mode | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a | CH36 | 19.63 | 91.83 | 250 | Pass |
| 11a | CH44 | 19.42 | 87.50 | 250 | Pass |
| 11a | CH48 | 19.64 | 92.04 | 250 | Pass |
| 11n (HT20) | CH36 | 18.74 | 74.82 | 250 | Pass |
| 11n (HT20) | CH44 | 18.82 | 76.21 | 250 | Pass |
| 11n (HT20) | CH48 | 18.94 | 78.34 | 250 | Pass |
| 11n (HT40) | CH38 | 15.10 | 32.36 | 250 | Pass |
| 11n (HT40) | CH46 | 18.91 | 77.80 | 250 | Pass |
| 11ac (VHT20) | CH36 | 18.37 | 68.71 | 250 | Pass |
| 11ac (VHT20) | CH44 | 18.44 | 69.82 | 250 | Pass |
| 11ac (VHT20) | CH48 | 18.60 | 72.44 | 250 | Pass |
| 11ac (VHT40) | CH38 | 15.18 | 32.96 | 250 | Pass |
| 11ac (VHT40) | CH46 | 18.44 | 69.82 | 250 | Pass |
| 11ac (VHT80) | CH42 | 13.62 | 23.01 | 250 | Pass |

| U-NII-2A (5250 - 5350 MHz) | | | | | |
|---|---|---|---|---|---|
| Mode | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a | CH52 | 18.44 | 69.82 | 250 | Pass |
| 11a | CH60 | 18.15 | 65.31 | 250 | Pass |
| 11a | CH64 | 16.12 | 40.93 | 250 | Pass |
| 11n (HT20) | CH52 | 19.22 | 83.56 | 250 | Pass |
| 11n (HT20) | CH60 | 19.14 | 82.04 | 250 | Pass |
| 11n (HT20) | CH64 | 16.58 | 45.50 | 250 | Pass |
| 11n (HT40) | CH54 | 19.32 | 85.51 | 250 | Pass |
| 11n (HT40) | CH62 | 13.40 | 21.88 | 250 | Pass |
| 11ac (VHT20) | CH52 | 18.89 | 77.45 | 250 | Pass |
| 11ac (VHT20) | CH60 | 18.68 | 73.79 | 250 | Pass |
| 11ac (VHT20) | CH64 | 16.89 | 48.87 | 250 | Pass |
| 11ac (VHT40) | CH54 | 18.85 | 76.74 | 250 | Pass |
| 11ac (VHT40) | CH62 | 12.82 | 19.14 | 250 | Pass |
| 11ac (VHT80) | CH58 | 12.94 | 19.68 | 250 | Pass |

| U-NII-2C (5470 - 5725 MHz) | | | | | |
|---|---|---|---|---|---|
| Mode | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a | CH100 | 18.72 | 74.47 | 250 | Pass |
| 11a | CH116 | 18.65 | 73.28 | 250 | Pass |
| 11a | CH140 | 16.87 | 48.64 | 250 | Pass |
| 11n (HT20) | CH100 | 19.23 | 83.75 | 250 | Pass |
| 11n (HT20) | CH116 | 18.88 | 77.27 | 250 | Pass |
| 11n (HT20) | CH140 | 16.10 | 40.74 | 250 | Pass |
| 11n (HT40) | CH102 | 14.51 | 28.25 | 250 | Pass |
| 11n (HT40) | CH118 | 18.39 | 69.02 | 250 | Pass |
| 11n (HT40) | CH134 | 18.26 | 66.99 | 250 | Pass |
| 11ac (VHT20) | CH100 | 18.54 | 71.45 | 250 | Pass |
| 11ac (VHT20) | CH116 | 17.89 | 61.52 | 250 | Pass |
| 11ac (VHT20) | CH140 | 16.86 | 48.53 | 250 | Pass |
| 11ac (VHT40) | CH102 | 14.49 | 28.12 | 250 | Pass |
| 11ac (VHT40) | CH118 | 17.90 | 61.66 | 250 | Pass |
| 11ac (VHT40) | CH134 | 17.81 | 60.39 | 250 | Pass |
| 11ac (VHT80) | CH106 | 11.77 | 15.03 | 250 | Pass |
| 11ac (VHT80) | CH122 | 17.39 | 54.83 | 250 | Pass |

| U-NII-3 (5725 - 5850 MHz) | | | | | |
|---|---|---|---|---|---|
| Mode | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a | CH149 | 18.58 | 72.11 | 1000 | Pass |
| 11a | CH157 | 18.71 | 74.30 | 1000 | Pass |
| 11a | CH165 | 18.54 | 71.45 | 1000 | Pass |
| 11n (HT20) | CH149 | 17.89 | 61.52 | 1000 | Pass |
| 11n (HT20) | CH157 | 19.34 | 85.90 | 1000 | Pass |
| 11n (HT20) | CH165 | 19.19 | 82.99 | 1000 | Pass |
| 11n (HT40) | CH151 | 17.93 | 62.09 | 1000 | Pass |
| 11n (HT40) | CH159 | 18.36 | 68.55 | 1000 | Pass |
| 11ac (VHT20) | CH149 | 17.50 | 56.23 | 1000 | Pass |
| 11ac (VHT20) | CH157 | 18.74 | 74.82 | 1000 | Pass |
| 11ac (VHT20) | CH165 | 18.17 | 65.61 | 1000 | Pass |
| 11ac (VHT40) | CH151 | 17.60 | 57.54 | 1000 | Pass |
| 11ac (VHT40) | CH159 | 17.98 | 62.81 | 1000 | Pass |
| 11ac (VHT80) | CH155 | 17.13 | 51.64 | 1000 | Pass |

| U-NII-2C straddle channel | | | | | |
|---|---|---|---|---|---|
| Mode | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a | CH144 | 17.61 | 57.68 | 250 | Pass |
| 11n (HT20) | CH144 | 18.04 | 63.68 | 250 | Pass |
| 11n (HT40) | CH142 | 17.91 | 61.80 | 250 | Pass |
| 11ac (VHT20) | CH144 | 17.04 | 50.58 | 237 | Pass |
| 11ac (VHT40) | CH142 | 17.43 | 55.34 | 250 | Pass |
| 11ac (VHT80) | CH138 | 18.11 | 64.71 | 250 | Pass |

| U-NII-3 straddle channel | | | | | |
|---|---|---|---|---|---|
| Mode | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a | CH144 | 17.61 | 57.68 | 1000 | Pass |
| 11n (HT20) | CH144 | 18.04 | 63.68 | 1000 | Pass |
| 11n (HT40) | CH142 | 17.91 | 61.80 | 1000 | Pass |
| 11ac (VHT20) | CH144 | 17.04 | 50.58 | 1000 | Pass |
| 11ac (VHT40) | CH142 | 17.43 | 55.34 | 1000 | Pass |
| 11ac (VHT80) | CH138 | 18.11 | 64.71 | 1000 | Pass |

## A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ24C1475-604 Data Part 1.pdf”.

Test Data

| U-NII-1 (5150 - 5250 MHz) | | | |
|---|---|---|---|
| Mode | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a | CH36 | 30.17 | 18.30 |
| 11a | CH44 | 29.00 | 17.43 |
| 11a | CH48 | 29.11 | 17.64 |
| 11n (HT20) | CH36 | 26.78 | 18.07 |
| 11n (HT20) | CH44 | 27.19 | 18.03 |
| 11n (HT20) | CH48 | 26.99 | 18.05 |
| 11n (HT40) | CH38 | 57.81 | 36.49 |
| 11n (HT40) | CH46 | 51.35 | 36.41 |
| 11ac (VHT20) | CH36 | 26.04 | 17.95 |
| 11ac (VHT20) | CH44 | 25.45 | 17.93 |
| 11ac (VHT20) | CH48 | 26.02 | 17.92 |
| 11ac (VHT40) | CH38 | 41.70 | 36.27 |
| 11ac (VHT40) | CH46 | 41.95 | 36.33 |
| 11ac (VHT80) | CH42 | 82.95 | 75.84 |

| U-NII-2A (5250 - 5350 MHz) | | | |
|---|---|---|---|
| Mode | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a | CH52 | 32.57 | 20.25 |
| 11a | CH60 | 33.14 | 19.70 |
| 11a | CH64 | 33.30 | 19.98 |
| 11n (HT20) | CH52 | 29.21 | 18.18 |
| 11n (HT20) | CH60 | 29.41 | 18.10 |
| 11n (HT20) | CH64 | 28.26 | 18.16 |
| 11n (HT40) | CH54 | 66.77 | 36.63 |
| 11n (HT40) | CH62 | 58.17 | 36.47 |
| 11ac (VHT20) | CH52 | 26.70 | 18.02 |
| 11ac (VHT20) | CH60 | 26.13 | 17.97 |
| 11ac (VHT20) | CH64 | 26.65 | 17.98 |
| 11ac (VHT40) | CH54 | 50.68 | 36.44 |
| 11ac (VHT40) | CH62 | 41.62 | 36.27 |
| 11ac (VHT80) | CH58 | 83.11 | 75.82 |

| U-NII-2C (5470 - 5725 MHz) | | | |
|---|---|---|---|
| Mode | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a | CH100 | 28.51 | 17.26 |
| 11a | CH116 | 29.45 | 17.42 |
| 11a | CH140 | 30.06 | 17.49 |
| 11n (HT20) | CH100 | 30.75 | 18.45 |
| 11n (HT20) | CH116 | 30.37 | 18.39 |
| 11n (HT20) | CH140 | 30.62 | 18.64 |
| 11n (HT40) | CH102 | 41.83 | 36.23 |
| 11n (HT40) | CH118 | 66.90 | 36.63 |
| 11n (HT40) | CH134 | 68.70 | 36.66 |
| 11ac (VHT20) | CH100 | 29.43 | 18.29 |
| 11ac (VHT20) | CH116 | 26.58 | 17.97 |
| 11ac (VHT20) | CH140 | 28.18 | 18.16 |
| 11ac (VHT40) | CH102 | 41.57 | 36.25 |
| 11ac (VHT40) | CH118 | 51.10 | 36.46 |
| 11ac (VHT40) | CH134 | 52.72 | 36.49 |
| 11ac (VHT80) | CH106 | 82.68 | 75.90 |
| 11ac (VHT80) | CH122 | 135.30 | 82.45 |

| U-NII-3 (5725 - 5850 MHz) | | | |
|---|---|---|---|
| Mode | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a | CH149 | 30.18 | 17.62 |
| 11a | CH157 | 30.77 | 18.15 |
| 11a | CH165 | 31.17 | 18.76 |
| 11n (HT20) | CH149 | 27.28 | 18.10 |
| 11n (HT20) | CH157 | 37.54 | 22.25 |
| 11n (HT20) | CH165 | 37.94 | 22.53 |
| 11n (HT40) | CH151 | 68.17 | 36.65 |
| 11n (HT40) | CH159 | 76.50 | 37.07 |
| 11ac (VHT20) | CH149 | 26.35 | 18.00 |
| 11ac (VHT20) | CH157 | 34.99 | 19.90 |
| 11ac (VHT20) | CH165 | 30.55 | 18.63 |
| 11ac (VHT40) | CH151 | 62.92 | 36.52 |
| 11ac (VHT40) | CH159 | 71.85 | 36.71 |
| 11ac (VHT80) | CH155 | 153.90 | 77.84 |

| U-NII-2C straddle channel | | | |
|---|---|---|---|
| Mode | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a | CH144 | 20.10 | 13.83 |
| 11n (HT20) | CH144 | 22.24 | 14.68 |
| 11n (HT40) | CH142 | 52.86 | 33.48 |
| 11ac (VHT20) | CH144 | 18.83 | 14.07 |
| 11ac (VHT40) | CH142 | 51.82 | 33.29 |
| 11ac (VHT80) | CH138 | 115.00 | 78.99 |

| U-NII-3 straddle channel | | | |
|---|---|---|---|
| Mode | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a | CH144 | 9.41 | 3.78 |
| 11n (HT20) | CH144 | 11.89 | 4.77 |
| 11n (HT40) | CH142 | 17.83 | 3.37 |
| 11ac (VHT20) | CH144 | 9.02 | 4.15 |
| 11ac (VHT40) | CH142 | 23.98 | 3.21 |
| 11ac (VHT80) | CH138 | 45.00 | 3.84 |

## A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ24C1475-604 Data Part 2.pdf”.

Test Data

| U-NII-3 (5725 - 5850 MHz) | | | | |
|---|---|---|---|---|
| Mode | Channel | 6 dB Bandwidth (MHz) | Limit (kHz) | Verdict |
| 11a | CH149 | 15.60 | 500.00 | Pass |
| 11a | CH157 | 15.70 | 500.00 | Pass |
| 11a | CH165 | 15.75 | 500.00 | Pass |
| 11n (HT20) | CH149 | 15.20 | 500.00 | Pass |
| 11n (HT20) | CH157 | 17.00 | 500.00 | Pass |
| 11n (HT20) | CH165 | 16.00 | 500.00 | Pass |
| 11n (HT40) | CH151 | 36.15 | 500.00 | Pass |
| 11n (HT40) | CH159 | 36.05 | 500.00 | Pass |
| 11ac (VHT20) | CH149 | 15.20 | 500.00 | Pass |
| 11ac (VHT20) | CH157 | 15.25 | 500.00 | Pass |
| 11ac (VHT20) | CH165 | 15.75 | 500.00 | Pass |
| 11ac (VHT40) | CH151 | 36.05 | 500.00 | Pass |
| 11ac (VHT40) | CH159 | 36.15 | 500.00 | Pass |
| 11ac (VHT80) | CH155 | 75.25 | 500.00 | Pass |

| U-NII-3 straddle channel | | | | |
|---|---|---|---|---|
| Mode | Channel | 6 dB Bandwidth (MHz) | Limit (kHz) | Verdict |
| 11a | CH144 | 2.85 | 500.00 | Pass |
| 11n (HT20) | CH144 | 2.60 | 500.00 | Pass |
| 11n (HT40) | CH142 | 3.20 | 500.00 | Pass |
| 11ac (VHT20) | CH144 | 2.65 | 500.00 | Pass |
| 11ac (VHT40) | CH142 | 2.80 | 500.00 | Pass |
| 11ac (VHT80) | CH138 | 2.60 | 500.00 | Pass |

## A.4 Power Spectral Density

Note [1]: Test plots please refer to the document “Annex No.: BL-SZ24C1475-604 Data Part 3.pdf”.

Test Data

| U-NII-1 (5150 - 5250 MHz) | | | | |
|---|---|---|---|---|
| Mode | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a | CH36 | 9.07 | 11.00 | Pass |
| 11a | CH44 | 8.67 | 11.00 | Pass |
| 11a | CH48 | 8.70 | 11.00 | Pass |
| 11n (HT20) | CH36 | 7.60 | 11.00 | Pass |
| 11n (HT20) | CH44 | 7.61 | 11.00 | Pass |
| 11n (HT20) | CH48 | 7.83 | 11.00 | Pass |
| 11n (HT40) | CH38 | 1.11 | 11.00 | Pass |
| 11n (HT40) | CH46 | 4.83 | 11.00 | Pass |
| 11ac (VHT20) | CH36 | 7.26 | 11.00 | Pass |
| 11ac (VHT20) | CH44 | 7.22 | 11.00 | Pass |
| 11ac (VHT20) | CH48 | 7.39 | 11.00 | Pass |
| 11ac (VHT40) | CH38 | 0.58 | 11.00 | Pass |
| 11ac (VHT40) | CH46 | 4.37 | 11.00 | Pass |
| 11ac (VHT80) | CH42 | -3.22 | 11.00 | Pass |

| U-NII-2A (5250 - 5350 MHz) | | | | |
|---|---|---|---|---|
| Mode | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a | CH52 | 9.17 | 11.00 | Pass |
| 11a | CH60 | 9.15 | 11.00 | Pass |
| 11a | CH64 | 9.15 | 11.00 | Pass |
| 11n (HT20) | CH52 | 8.01 | 11.00 | Pass |
| 11n (HT20) | CH60 | 7.99 | 11.00 | Pass |
| 11n (HT20) | CH64 | 5.77 | 11.00 | Pass |
| 11n (HT40) | CH54 | 5.23 | 11.00 | Pass |
| 11n (HT40) | CH62 | -0.79 | 11.00 | Pass |
| 11ac (VHT20) | CH52 | 7.69 | 11.00 | Pass |
| 11ac (VHT20) | CH60 | 7.51 | 11.00 | Pass |
| 11ac (VHT20) | CH64 | 6.15 | 11.00 | Pass |
| 11ac (VHT40) | CH54 | 4.67 | 11.00 | Pass |
| 11ac (VHT40) | CH62 | 0.43 | 11.00 | Pass |
| 11ac (VHT80) | CH58 | -4.31 | 11.00 | Pass |

| U-NII-2C (5470 - 5725 MHz) | | | | |
|---|---|---|---|---|
| Mode | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a | CH100 | 8.07 | 11.00 | Pass |
| 11a | CH116 | 7.90 | 11.00 | Pass |
| 11a | CH140 | 5.53 | 11.00 | Pass |
| 11n (HT20) | CH100 | 7.97 | 11.00 | Pass |
| 11n (HT20) | CH116 | 7.87 | 11.00 | Pass |
| 11n (HT20) | CH140 | 5.06 | 11.00 | Pass |
| 11n (HT40) | CH102 | 0.49 | 11.00 | Pass |
| 11n (HT40) | CH118 | 4.51 | 11.00 | Pass |
| 11n (HT40) | CH134 | 4.24 | 11.00 | Pass |
| 11ac (VHT20) | CH100 | 7.70 | 11.00 | Pass |
| 11ac (VHT20) | CH116 | 6.91 | 11.00 | Pass |
| 11ac (VHT20) | CH140 | 5.00 | 11.00 | Pass |
| 11ac (VHT40) | CH102 | 0.52 | 11.00 | Pass |
| 11ac (VHT40) | CH118 | 3.98 | 11.00 | Pass |
| 11ac (VHT40) | CH134 | 3.77 | 11.00 | Pass |
| 11ac (VHT80) | CH106 | -5.28 | 11.00 | Pass |
| 11ac (VHT80) | CH122 | 1.37 | 11.00 | Pass |

| U-NII-3 (5725 - 5850 MHz) | | | | |
|---|---|---|---|---|
| Mode | Channel | PSD (dBm/500kHz) | Limit (dBm/500kHz) | Verdict |
| 11a | CH149 | 4.95 | 30.00 | Pass |
| 11a | CH157 | 5.09 | 30.00 | Pass |
| 11a | CH165 | 5.06 | 30.00 | Pass |
| 11n (HT20) | CH149 | 4.01 | 30.00 | Pass |
| 11n (HT20) | CH157 | 5.35 | 30.00 | Pass |
| 11n (HT20) | CH165 | 5.46 | 30.00 | Pass |
| 11n (HT40) | CH151 | 1.19 | 30.00 | Pass |
| 11n (HT40) | CH159 | 1.58 | 30.00 | Pass |
| 11ac (VHT20) | CH149 | 3.68 | 30.00 | Pass |
| 11ac (VHT20) | CH157 | 4.97 | 30.00 | Pass |
| 11ac (VHT20) | CH165 | 4.51 | 30.00 | Pass |
| 11ac (VHT40) | CH151 | 0.75 | 30.00 | Pass |
| 11ac (VHT40) | CH159 | 1.24 | 30.00 | Pass |
| 11ac (VHT80) | CH155 | -2.78 | 30.00 | Pass |

| U-NII-2C straddle channel | | | | |
|---|---|---|---|---|
| Mode | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a | CH144 | 7.52 | 11.00 | Pass |
| 11n (HT20) | CH144 | 7.82 | 11.00 | Pass |
| 11n (HT40) | CH142 | 4.25 | 11.00 | Pass |
| 11ac (VHT20) | CH144 | 6.94 | 11.00 | Pass |
| 11ac (VHT40) | CH142 | 3.62 | 11.00 | Pass |
| 11ac (VHT80) | CH138 | 0.92 | 11.00 | Pass |

| U-NII-3 straddle channel | | | | |
|---|---|---|---|---|
| Mode | Channel | PSD (dBm/500kHz) | Limit (dBm/500kHz) | Verdict |
| 11a | CH144 | 4.29 | 30.00 | Pass |
| 11n (HT20) | CH144 | 4.94 | 30.00 | Pass |
| 11n (HT40) | CH142 | 0.86 | 30.00 | Pass |
| 11ac (VHT20) | CH144 | 3.42 | 30.00 | Pass |
| 11ac (VHT40) | CH142 | 0.23 | 30.00 | Pass |
| 11ac (VHT80) | CH138 | -3.47 | 30.00 | Pass |

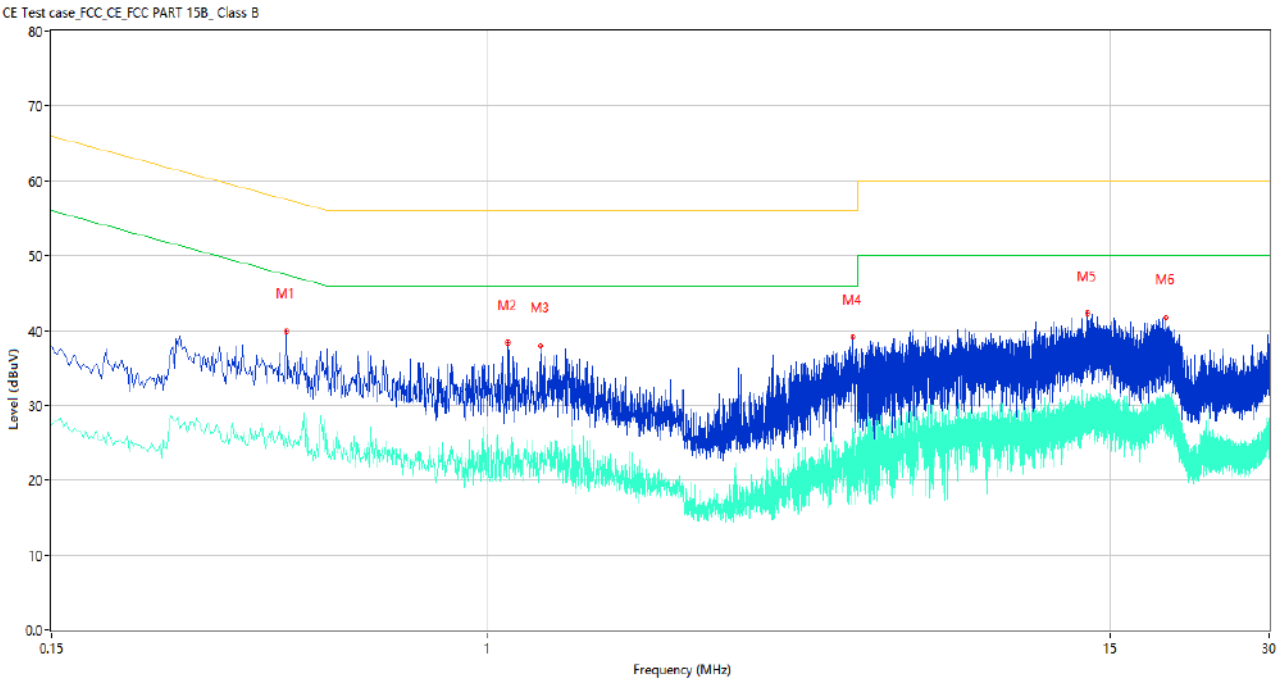
## A.5 Conducted Emissions

Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note [2]: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

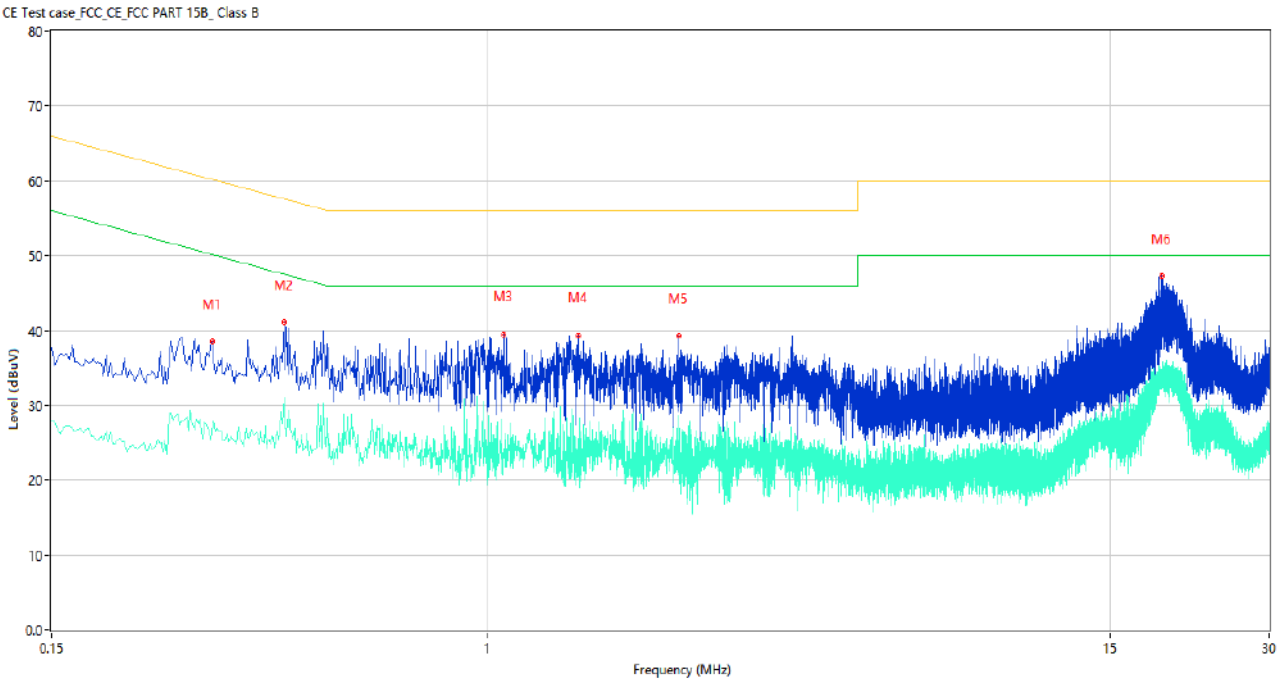
Test Data and Plots

PHASE L




| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Margin (dB) | Detector | Line | Verdict |
|---|---|---|---|---|---|---|---|---|
| 1 | 0.416 | 39.99 | 10.60 | 57.53 | 17.54 | Peak | L | Pass |
| 1** | 0.416 | 25.44 | 10.60 | 47.53 | 22.09 | AV | L | Pass |
| 2 | 1.092 | 38.44 | 10.48 | 56.00 | 17.56 | Peak | L | Pass |
| 2** | 1.092 | 24.09 | 10.48 | 46.00 | 21.91 | AV | L | Pass |
| 3 | 1.258 | 38.02 | 10.12 | 56.00 | 17.98 | Peak | L | Pass |
| 3** | 1.258 | 23.65 | 10.12 | 46.00 | 22.35 | AV | L | Pass |
| 4 | 4.896 | 39.12 | 11.27 | 56.00 | 16.88 | Peak | L | Pass |
| 4** | 4.896 | 22.12 | 11.27 | 46.00 | 23.88 | AV | L | Pass |
| 5 | 13.580 | 42.34 | 13.25 | 60.00 | 17.66 | Peak | L | Pass |
| 5** | 13.580 | 30.38 | 13.25 | 50.00 | 19.62 | AV | L | Pass |
| 6 | 19.110 | 41.78 | 14.86 | 60.00 | 18.22 | Peak | L | Pass |
| 6** | 19.110 | 29.86 | 14.86 | 50.00 | 20.14 | AV | L | Pass |

## PHASE N




| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Margin (dB) | Detector | Line | Verdict |
|---|---|---|---|---|---|---|---|---|
| 1 | 0.302 | 38.54 | 10.04 | 60.19 | 21.65 | Peak | N | Pass |
| 1** | 0.302 | 27.56 | 10.04 | 50.19 | 22.63 | AV | N | Pass |
| 2 | 0.412 | 41.11 | 10.60 | 57.61 | 16.50 | Peak | N | Pass |
| 2** | 0.412 | 31.11 | 10.60 | 47.61 | 16.50 | AV | N | Pass |
| 3 | 1.072 | 39.41 | 10.32 | 56.00 | 16.59 | Peak | N | Pass |
| 3** | 1.072 | 24.23 | 10.32 | 46.00 | 21.77 | AV | N | Pass |
| 4 | 1.482 | 39.39 | 10.48 | 56.00 | 16.61 | Peak | N | Pass |
| 4** | 1.482 | 25.55 | 10.48 | 46.00 | 20.45 | AV | N | Pass |
| 5 | 2.296 | 39.34 | 10.75 | 56.00 | 16.66 | Peak | N | Pass |
| 5** | 2.296 | 28.61 | 10.75 | 46.00 | 17.39 | AV | N | Pass |
| 6 | 18.772 | 47.27 | 14.88 | 60.00 | 12.73 | Peak | N | Pass |
| 6** | 18.772 | 33.78 | 14.88 | 50.00 | 16.22 | AV | N | Pass |

## A.6 Radiated Spurious Emissions and Band Edge (Restricted-band)

Note [1]: The symbol of "--" in the table which means not application.

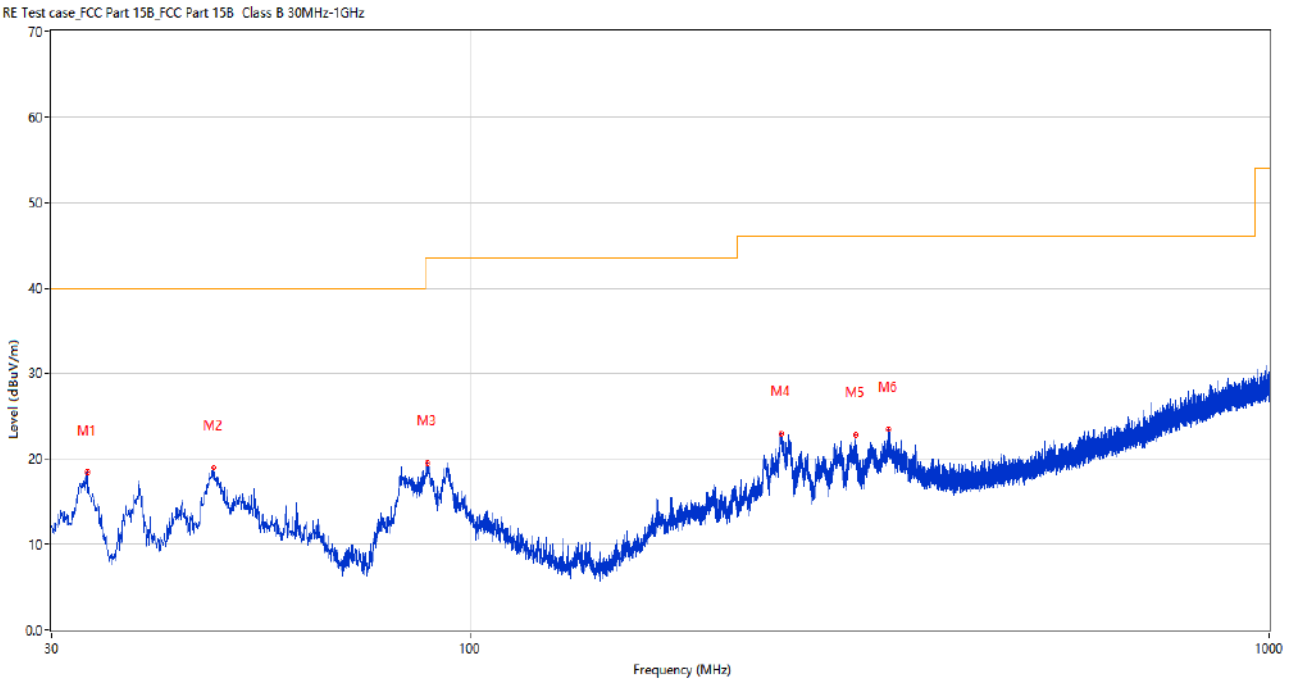
Note [2]: For the test data above 1 GHz，According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note [3]: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note [4]: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

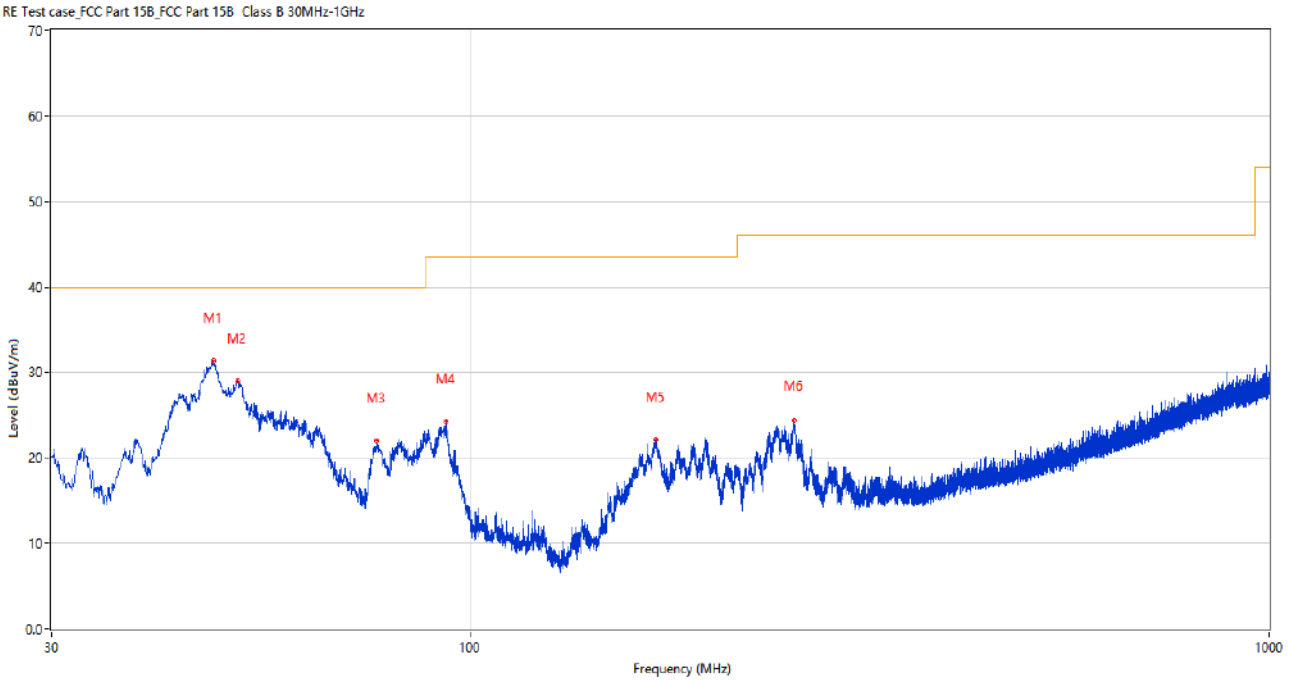
Test Data and Plots

30 MHz to 1 GHz, ANT H




| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 33.249 | 18.40 | -30.04 | 40.0 | 21.60 | Peak | 310.00 | 200 | Horizontal | Pass |
| 2 | 47.897 | 18.96 | -24.80 | 40.0 | 21.04 | Peak | 118.00 | 100 | Horizontal | Pass |
| 3 | 88.442 | 19.55 | -29.13 | 43.5 | 23.95 | Peak | 159.00 | 200 | Horizontal | Pass |
| 4 | 245.534 | 22.92 | -25.17 | 46.0 | 23.08 | Peak | 77.00 | 100 | Horizontal | Pass |
| 5 | 303.977 | 22.78 | -23.49 | 46.0 | 23.22 | Peak | 77.00 | 100 | Horizontal | Pass |
| 6 | 334.046 | 23.48 | -22.64 | 46.0 | 22.52 | Peak | 89.00 | 100 | Horizontal | Pass |

## 30 MHz to 1 GHz, ANT V




| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 47.800 | 31.44 | -24.91 | 40.0 | 8.56 | Peak | 47.00 | 100 | Vertical | Pass |
| 2 | 51.194 | 29.03 | -24.17 | 40.0 | 10.97 | Peak | 82.00 | 100 | Vertical | Pass |
| 3 | 76.511 | 22.02 | -30.96 | 40.0 | 17.98 | Peak | 25.00 | 100 | Vertical | Pass |
| 4 | 93.535 | 24.22 | -27.62 | 43.5 | 19.28 | Peak | 126.00 | 100 | Vertical | Pass |
| 5 | 170.990 | 22.21 | -28.71 | 43.5 | 21.29 | Peak | 273.00 | 100 | Vertical | Pass |
| 6 | 254.604 | 24.44 | -24.91 | 46.0 | 21.56 | Peak | 241.00 | 100 | Vertical | Pass |

Note: The spurious above 18G is noise only, do not show on the report.

11a, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.100 | 40.85 | -17.46 | 74.0 | 33.15 | Peak | 76.00 | 100 | Horizontal | Pass |
| 1** | 1329.100 | 29.61 | -17.46 | 54.0 | 24.39 | AV | 76.00 | 100 | Horizontal | Pass |
| 2 | 2744.600 | 44.32 | -10.31 | 74.0 | 29.68 | Peak | 50.00 | 200 | Horizontal | Pass |
| 2** | 2744.600 | 35.40 | -10.31 | 54.0 | 18.60 | AV | 50.00 | 200 | Horizontal | Pass |
| 3 | 4300.000 | 48.84 | -4.54 | 74.0 | 25.16 | Peak | 85.00 | 200 | Horizontal | Pass |
| 3** | 4300.000 | 40.18 | -4.54 | 54.0 | 13.82 | AV | 85.00 | 200 | Horizontal | Pass |
| 4 | 5178.600 | 108.31 | -3.14 | -- | -- | Peak | 155.00 | 200 | Horizontal | N/A |
| 4** | 5178.600 | 101.17 | -3.14 | -- | -- | AV | 155.00 | 200 | Horizontal | N/A |
| 5 | 7635.375 | 47.98 | -2.65 | 74.0 | 26.02 | Peak | 47.00 | 200 | Horizontal | Pass |
| 5** | 7635.375 | 37.84 | -2.65 | 54.0 | 16.16 | AV | 47.00 | 200 | Horizontal | Pass |
| 6 | 11539.625 | 50.85 | 1.44 | 74.0 | 23.15 | Peak | 280.00 | 200 | Horizontal | Pass |
| 6** | 11539.625 | 40.78 | 1.44 | 54.0 | 13.22 | AV | 280.00 | 200 | Horizontal | Pass |

11a, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.300 | 43.25 | -17.45 | 74.0 | 30.75 | Peak | 83.00 | 100 | Vertical | Pass |
| 1** | 1327.300 | 30.89 | -17.45 | 54.0 | 23.11 | AV | 83.00 | 100 | Vertical | Pass |
| 2 | 2833.600 | 44.42 | -10.37 | 74.0 | 29.58 | Peak | 117.00 | 400 | Vertical | Pass |
| 2** | 2833.600 | 34.79 | -10.37 | 54.0 | 19.21 | AV | 117.00 | 400 | Vertical | Pass |
| 3 | 4278.000 | 48.82 | -4.51 | 74.0 | 25.18 | Peak | 321.00 | 200 | Vertical | Pass |
| 3** | 4278.000 | 40.33 | -4.51 | 54.0 | 13.67 | AV | 321.00 | 200 | Vertical | Pass |
| 4 | 5181.800 | 105.71 | -3.16 | -- | -- | Peak | 84.00 | 300 | Vertical | N/A |
| 4** | 5181.800 | 97.83 | -3.16 | -- | -- | AV | 84.00 | 300 | Vertical | N/A |
| 5 | 7421.763 | 48.54 | -2.28 | 74.0 | 25.46 | Peak | 325.00 | 150 | Vertical | Pass |
| 5** | 7421.763 | 39.10 | -2.28 | 54.0 | 14.90 | AV | 325.00 | 150 | Vertical | Pass |
| 6 | 12231.638 | 51.22 | 2.43 | 74.0 | 22.78 | Peak | 282.00 | 200 | Vertical | Pass |
| 6** | 12231.638 | 43.03 | 2.43 | 54.0 | 10.97 | AV | 282.00 | 200 | Vertical | Pass |

## 11a, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.200 | 42.12 | -17.47 | 74.0 | 31.88 | Peak | 76.00 | 200 | Horizontal | Pass |
| 1** | 1329.200 | 30.41 | -17.47 | 54.0 | 23.59 | AV | 76.00 | 200 | Horizontal | Pass |
| 2 | 2836.400 | 44.21 | -10.30 | 74.0 | 29.79 | Peak | 1.00 | 100 | Horizontal | Pass |
| 2** | 2836.400 | 35.05 | -10.30 | 54.0 | 18.95 | AV | 1.00 | 100 | Horizontal | Pass |
| 3 | 4281.000 | 48.83 | -4.55 | 74.0 | 25.17 | Peak | 289.00 | 150 | Horizontal | Pass |
| 3** | 4281.000 | 39.17 | -4.55 | 54.0 | 14.83 | AV | 289.00 | 150 | Horizontal | Pass |
| 4 | 5219.200 | 108.82 | -3.41 | -- | -- | Peak | 153.00 | 200 | Horizontal | N/A |
| 4** | 5219.200 | 101.45 | -3.41 | -- | -- | AV | 153.00 | 200 | Horizontal | N/A |
| 5 | 7448.787 | 48.08 | -2.74 | 74.0 | 25.92 | Peak | 358.00 | 100 | Horizontal | Pass |
| 5** | 7448.787 | 38.73 | -2.74 | 54.0 | 15.27 | AV | 358.00 | 100 | Horizontal | Pass |
| 6 | 12320.763 | 51.14 | 1.99 | 74.0 | 22.86 | Peak | 324.00 | 200 | Horizontal | Pass |
| 6** | 12320.763 | 41.28 | 1.99 | 54.0 | 12.72 | AV | 324.00 | 200 | Horizontal | Pass |

## 11a, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1333.200 | 41.78 | -17.63 | 74.0 | 32.22 | Peak | 124.00 | 300 | Vertical | Pass |
| 1** | 1333.200 | 29.16 | -17.63 | 54.0 | 24.84 | AV | 124.00 | 300 | Vertical | Pass |
| 2 | 2719.900 | 44.66 | -10.62 | 74.0 | 29.34 | Peak | 0.00 | 200 | Vertical | Pass |
| 2** | 2719.900 | 35.71 | -10.62 | 54.0 | 18.29 | AV | 0.00 | 200 | Vertical | Pass |
| 3 | 4245.400 | 49.26 | -4.86 | 74.0 | 24.74 | Peak | 1.00 | 150 | Vertical | Pass |
| 3** | 4245.400 | 39.40 | -4.86 | 54.0 | 14.60 | AV | 1.00 | 150 | Vertical | Pass |
| 4 | 5222.000 | 104.98 | -3.33 | -- | -- | Peak | 90.00 | 400 | Vertical | N/A |
| 4** | 5222.000 | 97.87 | -3.33 | -- | -- | AV | 90.00 | 400 | Vertical | N/A |
| 5 | 7498.525 | 47.64 | -2.28 | 74.0 | 26.36 | Peak | 302.00 | 200 | Vertical | Pass |
| 5** | 7498.525 | 38.67 | -2.28 | 54.0 | 15.33 | AV | 302.00 | 200 | Vertical | Pass |
| 6 | 12216.401 | 51.11 | 2.41 | 74.0 | 22.89 | Peak | 0.00 | 400 | Vertical | Pass |
| 6** | 12216.401 | 42.11 | 2.41 | 54.0 | 11.89 | AV | 0.00 | 400 | Vertical | Pass |

## 11a, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1315.300 | 39.23 | -17.33 | 74.0 | 34.77 | Peak | 360.00 | 200 | Horizontal | Pass |
| 1** | 1315.300 | 29.18 | -17.33 | 54.0 | 24.82 | AV | 360.00 | 200 | Horizontal | Pass |
| 2 | 2734.100 | 44.19 | -10.44 | 74.0 | 29.81 | Peak | 182.00 | 400 | Horizontal | Pass |
| 2** | 2734.100 | 34.49 | -10.44 | 54.0 | 19.51 | AV | 182.00 | 400 | Horizontal | Pass |
| 3 | 4299.400 | 48.75 | -4.51 | 74.0 | 25.25 | Peak | 207.00 | 100 | Horizontal | Pass |
| 3** | 4299.400 | 40.14 | -4.51 | 54.0 | 13.86 | AV | 207.00 | 100 | Horizontal | Pass |
| 4 | 5242.600 | 109.62 | -3.54 | -- | -- | Peak | 320.00 | 100 | Horizontal | N/A |
| 4** | 5242.600 | 102.17 | -3.54 | -- | -- | AV | 320.00 | 100 | Horizontal | N/A |
| 5 | 7570.400 | 48.03 | -2.51 | 74.0 | 25.97 | Peak | 54.00 | 200 | Horizontal | Pass |
| 5** | 7570.400 | 38.79 | -2.51 | 54.0 | 15.21 | AV | 54.00 | 200 | Horizontal | Pass |
| 6 | 12184.200 | 51.83 | 2.58 | 74.0 | 22.17 | Peak | 236.00 | 300 | Horizontal | Pass |
| 6** | 12184.200 | 42.21 | 2.58 | 54.0 | 11.79 | AV | 236.00 | 300 | Horizontal | Pass |

## 11a, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.500 | 43.91 | -17.42 | 74.0 | 30.09 | Peak | 284.00 | 100 | Vertical | Pass |
| 1** | 1328.500 | 39.43 | -17.42 | 54.0 | 14.57 | AV | 284.00 | 100 | Vertical | Pass |
| 2 | 2799.800 | 44.42 | -10.73 | 74.0 | 29.58 | Peak | 144.00 | 300 | Vertical | Pass |
| 2** | 2799.800 | 34.53 | -10.73 | 54.0 | 19.47 | AV | 144.00 | 300 | Vertical | Pass |
| 3 | 4324.800 | 48.83 | -4.77 | 74.0 | 25.17 | Peak | 284.00 | 100 | Vertical | Pass |
| 3** | 4324.800 | 39.39 | -4.77 | 54.0 | 14.61 | AV | 284.00 | 100 | Vertical | Pass |
| 4 | 5238.000 | 104.65 | -3.49 | -- | -- | Peak | 70.00 | 300 | Vertical | N/A |
| 4** | 5238.000 | 97.09 | -3.49 | -- | -- | AV | 70.00 | 300 | Vertical | N/A |
| 5 | 7601.450 | 47.95 | -3.14 | 74.0 | 26.05 | Peak | 111.00 | 200 | Vertical | Pass |
| 5** | 7601.450 | 39.58 | -3.14 | 54.0 | 14.42 | AV | 111.00 | 200 | Vertical | Pass |
| 6 | 12256.650 | 51.13 | 2.47 | 74.0 | 22.87 | Peak | 186.00 | 200 | Vertical | Pass |
| 6** | 12256.650 | 41.43 | 2.47 | 54.0 | 12.57 | AV | 186.00 | 200 | Vertical | Pass |

## 11n20, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1331.500 | 39.57 | -17.59 | 74.0 | 34.43 | Peak | 303.00 | 100 | Horizontal | Pass |
| 1** | 1331.500 | 31.96 | -17.59 | 54.0 | 22.04 | AV | 303.00 | 100 | Horizontal | Pass |
| 2 | 2837.600 | 44.95 | -10.33 | 74.0 | 29.05 | Peak | 2.00 | 300 | Horizontal | Pass |
| 2** | 2837.600 | 34.51 | -10.33 | 54.0 | 19.49 | AV | 2.00 | 300 | Horizontal | Pass |
| 3 | 4309.800 | 48.64 | -4.67 | 74.0 | 25.36 | Peak | 174.00 | 200 | Horizontal | Pass |
| 3** | 4309.800 | 40.33 | -4.67 | 54.0 | 13.67 | AV | 174.00 | 200 | Horizontal | Pass |
| 4 | 5181.400 | 107.33 | -3.14 | -- | -- | Peak | 158.00 | 100 | Horizontal | N/A |
| 4** | 5181.400 | 100.53 | -3.14 | -- | -- | AV | 158.00 | 100 | Horizontal | N/A |
| 5 | 7564.650 | 48.08 | -2.51 | 74.0 | 25.92 | Peak | 280.00 | 100 | Horizontal | Pass |
| 5** | 7564.650 | 38.38 | -2.51 | 54.0 | 15.62 | AV | 280.00 | 100 | Horizontal | Pass |
| 6 | 12232.787 | 51.14 | 2.43 | 74.0 | 22.86 | Peak | 206.00 | 200 | Horizontal | Pass |
| 6** | 12232.787 | 42.13 | 2.43 | 54.0 | 11.87 | AV | 206.00 | 200 | Horizontal | Pass |

## 11n20, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.100 | 44.16 | -17.41 | 74.0 | 29.84 | Peak | 116.00 | 100 | Vertical | Pass |
| 1** | 1328.100 | 29.26 | -17.41 | 54.0 | 24.74 | AV | 116.00 | 100 | Vertical | Pass |
| 2 | 2821.400 | 44.10 | -10.28 | 74.0 | 29.90 | Peak | 264.00 | 300 | Vertical | Pass |
| 2** | 2821.400 | 35.28 | -10.28 | 54.0 | 18.72 | AV | 264.00 | 300 | Vertical | Pass |
| 3 | 4252.600 | 48.72 | -4.60 | 74.0 | 25.28 | Peak | 0.00 | 200 | Vertical | Pass |
| 3** | 4252.600 | 39.14 | -4.60 | 54.0 | 14.86 | AV | 0.00 | 200 | Vertical | Pass |
| 4 | 5177.400 | 104.42 | -3.16 | -- | -- | Peak | 88.00 | 200 | Vertical | N/A |
| 4** | 5177.400 | 96.66 | -3.16 | -- | -- | AV | 88.00 | 200 | Vertical | N/A |
| 5 | 7426.075 | 47.66 | -2.27 | 74.0 | 26.34 | Peak | 207.00 | 200 | Vertical | Pass |
| 5** | 7426.075 | 39.03 | -2.27 | 54.0 | 14.97 | AV | 207.00 | 200 | Vertical | Pass |
| 6 | 12245.724 | 51.27 | 2.51 | 74.0 | 22.73 | Peak | 2.00 | 200 | Vertical | Pass |
| 6** | 12245.724 | 41.39 | 2.51 | 54.0 | 12.61 | AV | 2.00 | 200 | Vertical | Pass |

## 11n20, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.900 | 39.05 | -17.45 | 74.0 | 34.95 | Peak | 84.00 | 400 | Horizontal | Pass |
| 1** | 1328.900 | 32.05 | -17.45 | 54.0 | 21.95 | AV | 84.00 | 400 | Horizontal | Pass |
| 2 | 2798.800 | 44.29 | -10.76 | 74.0 | 29.71 | Peak | 112.00 | 300 | Horizontal | Pass |
| 2** | 2798.800 | 34.58 | -10.76 | 54.0 | 19.42 | AV | 112.00 | 300 | Horizontal | Pass |
| 3 | 4298.400 | 49.47 | -4.50 | 74.0 | 24.53 | Peak | 338.00 | 150 | Horizontal | Pass |
| 3** | 4298.400 | 39.70 | -4.50 | 54.0 | 14.30 | AV | 338.00 | 150 | Horizontal | Pass |
| 4 | 5221.400 | 107.83 | -3.33 | -- | -- | Peak | 315.00 | 100 | Horizontal | N/A |
| 4** | 5221.400 | 100.81 | -3.33 | -- | -- | AV | 315.00 | 100 | Horizontal | N/A |
| 5 | 7405.375 | 48.02 | -2.34 | 74.0 | 25.98 | Peak | 359.00 | 100 | Horizontal | Pass |
| 5** | 7405.375 | 37.92 | -2.34 | 54.0 | 16.08 | AV | 359.00 | 100 | Horizontal | Pass |
| 6 | 12177.299 | 51.35 | 2.64 | 74.0 | 22.65 | Peak | 0.00 | 300 | Horizontal | Pass |
| 6** | 12177.299 | 42.41 | 2.64 | 54.0 | 11.59 | AV | 0.00 | 300 | Horizontal | Pass |

## 11n20, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1497.500 | 39.97 | -17.57 | 74.0 | 34.03 | Peak | 143.00 | 150 | Vertical | Pass |
| 1** | 1497.500 | 28.82 | -17.57 | 54.0 | 25.18 | AV | 143.00 | 150 | Vertical | Pass |
| 2 | 2842.500 | 44.99 | -10.58 | 74.0 | 29.01 | Peak | 143.00 | 300 | Vertical | Pass |
| 2** | 2842.500 | 35.26 | -10.58 | 54.0 | 18.74 | AV | 143.00 | 300 | Vertical | Pass |
| 3 | 4302.600 | 49.60 | -4.64 | 74.0 | 24.40 | Peak | 20.00 | 200 | Vertical | Pass |
| 3** | 4302.600 | 40.07 | -4.64 | 54.0 | 13.93 | AV | 20.00 | 200 | Vertical | Pass |
| 4 | 5221.800 | 104.40 | -3.33 | -- | -- | Peak | 75.00 | 300 | Vertical | N/A |
| 4** | 5221.800 | 97.18 | -3.33 | -- | -- | AV | 75.00 | 300 | Vertical | N/A |
| 5 | 7526.125 | 47.82 | -2.34 | 74.0 | 26.18 | Peak | 230.00 | 200 | Vertical | Pass |
| 5** | 7526.125 | 37.90 | -2.34 | 54.0 | 16.10 | AV | 230.00 | 200 | Vertical | Pass |
| 6 | 12238.825 | 51.17 | 2.45 | 74.0 | 22.83 | Peak | 110.00 | 100 | Vertical | Pass |
| 6** | 12238.825 | 42.46 | 2.45 | 54.0 | 11.54 | AV | 110.00 | 100 | Vertical | Pass |

## 11n20, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.600 | 41.79 | -17.43 | 74.0 | 32.21 | Peak | 90.00 | 300 | Horizontal | Pass |
| 1** | 1327.600 | 30.67 | -17.43 | 54.0 | 23.33 | AV | 90.00 | 300 | Horizontal | Pass |
| 2 | 2837.100 | 44.22 | -10.28 | 74.0 | 29.78 | Peak | 270.00 | 400 | Horizontal | Pass |
| 2** | 2837.100 | 34.98 | -10.28 | 54.0 | 19.02 | AV | 270.00 | 400 | Horizontal | Pass |
| 3 | 4282.400 | 48.90 | -4.60 | 74.0 | 25.10 | Peak | 271.00 | 100 | Horizontal | Pass |
| 3** | 4282.400 | 39.91 | -4.60 | 54.0 | 14.09 | AV | 271.00 | 100 | Horizontal | Pass |
| 4 | 5243.200 | 108.92 | -3.58 | -- | -- | Peak | 318.00 | 200 | Horizontal | N/A |
| 4** | 5243.200 | 101.16 | -3.58 | -- | -- | AV | 318.00 | 200 | Horizontal | N/A |
| 5 | 7414.862 | 48.42 | -2.19 | 74.0 | 25.58 | Peak | 21.00 | 150 | Horizontal | Pass |
| 5** | 7414.862 | 39.39 | -2.19 | 54.0 | 14.61 | AV | 21.00 | 150 | Horizontal | Pass |
| 6 | 12242.275 | 51.64 | 2.49 | 74.0 | 22.36 | Peak | 21.00 | 200 | Horizontal | Pass |
| 6** | 12242.275 | 41.48 | 2.49 | 54.0 | 12.52 | AV | 21.00 | 200 | Horizontal | Pass |

## 11n20, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1326.900 | 42.94 | -17.47 | 74.0 | 31.06 | Peak | 296.00 | 200 | Vertical | Pass |
| 1** | 1326.900 | 29.31 | -17.47 | 54.0 | 24.69 | AV | 296.00 | 200 | Vertical | Pass |
| 2 | 2757.900 | 44.49 | -10.70 | 74.0 | 29.51 | Peak | 216.00 | 400 | Vertical | Pass |
| 2** | 2757.900 | 35.07 | -10.70 | 54.0 | 18.93 | AV | 216.00 | 400 | Vertical | Pass |
| 3 | 4306.000 | 48.62 | -4.55 | 74.0 | 25.38 | Peak | 148.00 | 150 | Vertical | Pass |
| 3** | 4306.000 | 39.73 | -4.55 | 54.0 | 14.27 | AV | 148.00 | 150 | Vertical | Pass |
| 4 | 5238.800 | 104.22 | -3.49 | -- | -- | Peak | 68.00 | 100 | Vertical | N/A |
| 4** | 5238.800 | 96.59 | -3.49 | -- | -- | AV | 68.00 | 100 | Vertical | N/A |
| 5 | 7511.175 | 48.02 | -2.31 | 74.0 | 25.98 | Peak | 80.00 | 200 | Vertical | Pass |
| 5** | 7511.175 | 39.13 | -2.31 | 54.0 | 14.87 | AV | 80.00 | 200 | Vertical | Pass |
| 6 | 12161.776 | 51.42 | 2.33 | 74.0 | 22.58 | Peak | 112.00 | 400 | Vertical | Pass |
| 6** | 12161.776 | 42.33 | 2.33 | 54.0 | 11.67 | AV | 112.00 | 400 | Vertical | Pass |

## 11n40, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1332.800 | 41.02 | -17.63 | 74.0 | 32.98 | Peak | 233.00 | 300 | Horizontal | Pass |
| 1** | 1332.800 | 32.63 | -17.63 | 54.0 | 21.37 | AV | 233.00 | 300 | Horizontal | Pass |
| 2 | 2726.300 | 44.04 | -10.35 | 74.0 | 29.96 | Peak | 3.00 | 100 | Horizontal | Pass |
| 2** | 2726.300 | 34.72 | -10.35 | 54.0 | 19.28 | AV | 3.00 | 100 | Horizontal | Pass |
| 3 | 4295.200 | 48.68 | -4.48 | 74.0 | 25.32 | Peak | 194.00 | 100 | Horizontal | Pass |
| 3** | 4295.200 | 39.93 | -4.48 | 54.0 | 14.07 | AV | 194.00 | 100 | Horizontal | Pass |
| 4 | 5196.000 | 105.04 | -3.07 | -- | -- | Peak | 238.00 | 300 | Horizontal | N/A |
| 4** | 5196.000 | 96.58 | -3.07 | -- | -- | AV | 238.00 | 300 | Horizontal | N/A |
| 5 | 7426.075 | 48.49 | -2.27 | 74.0 | 25.51 | Peak | 359.00 | 100 | Horizontal | Pass |
| 5** | 7426.075 | 38.85 | -2.27 | 54.0 | 15.15 | AV | 359.00 | 100 | Horizontal | Pass |
| 6 | 12319.612 | 51.42 | 2.00 | 74.0 | 22.58 | Peak | 359.00 | 300 | Horizontal | Pass |
| 6** | 12319.612 | 41.98 | 2.00 | 54.0 | 12.02 | AV | 359.00 | 300 | Horizontal | Pass |

## 11n40, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1332.800 | 40.12 | -17.63 | 74.0 | 33.88 | Peak | 279.00 | 400 | Vertical | Pass |
| 1** | 1332.800 | 29.33 | -17.63 | 54.0 | 24.67 | AV | 279.00 | 400 | Vertical | Pass |
| 2 | 2719.900 | 44.46 | -10.62 | 74.0 | 29.54 | Peak | 193.00 | 400 | Vertical | Pass |
| 2** | 2719.900 | 35.65 | -10.62 | 54.0 | 18.35 | AV | 193.00 | 400 | Vertical | Pass |
| 3 | 4290.800 | 49.79 | -4.59 | 74.0 | 24.21 | Peak | 202.00 | 150 | Vertical | Pass |
| 3** | 4290.800 | 39.69 | -4.59 | 54.0 | 14.31 | AV | 202.00 | 150 | Vertical | Pass |
| 4 | 5192.600 | 102.48 | -3.10 | -- | -- | Peak | 156.00 | 200 | Vertical | N/A |
| 4** | 5192.600 | 94.05 | -3.10 | -- | -- | AV | 156.00 | 200 | Vertical | N/A |
| 5 | 7583.337 | 48.00 | -2.67 | 74.0 | 26.00 | Peak | 129.00 | 150 | Vertical | Pass |
| 5** | 7583.337 | 38.89 | -2.67 | 54.0 | 15.11 | AV | 129.00 | 150 | Vertical | Pass |
| 6 | 12180.175 | 51.36 | 2.62 | 74.0 | 22.64 | Peak | 0.00 | 400 | Vertical | Pass |
| 6** | 12180.175 | 41.50 | 2.62 | 54.0 | 12.50 | AV | 0.00 | 400 | Vertical | Pass |

## 11n40, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1331.600 | 40.22 | -17.59 | 74.0 | 33.78 | Peak | 343.00 | 100 | Horizontal | Pass |
| 1** | 1331.600 | 30.30 | -17.59 | 54.0 | 23.70 | AV | 343.00 | 100 | Horizontal | Pass |
| 2 | 2834.900 | 44.22 | -10.38 | 74.0 | 29.78 | Peak | 126.00 | 200 | Horizontal | Pass |
| 2** | 2834.900 | 34.96 | -10.38 | 54.0 | 19.04 | AV | 126.00 | 200 | Horizontal | Pass |
| 3 | 4298.600 | 48.45 | -4.50 | 74.0 | 25.55 | Peak | 180.00 | 100 | Horizontal | Pass |
| 3** | 4298.600 | 40.39 | -4.50 | 54.0 | 13.61 | AV | 180.00 | 100 | Horizontal | Pass |
| 4 | 5239.400 | 105.59 | -3.49 | -- | -- | Peak | 32.00 | 400 | Horizontal | N/A |
| 4** | 5239.400 | 96.82 | -3.49 | -- | -- | AV | 32.00 | 400 | Horizontal | N/A |
| 5 | 7431.538 | 47.72 | -2.35 | 74.0 | 26.28 | Peak | 0.00 | 150 | Horizontal | Pass |
| 5** | 7431.538 | 38.41 | -2.35 | 54.0 | 15.59 | AV | 0.00 | 150 | Horizontal | Pass |
| 6 | 12202.313 | 51.32 | 2.40 | 74.0 | 22.68 | Peak | 359.00 | 200 | Horizontal | Pass |
| 6** | 12202.313 | 42.20 | 2.40 | 54.0 | 11.80 | AV | 359.00 | 200 | Horizontal | Pass |

## 11n40, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1330.300 | 42.45 | -17.54 | 74.0 | 31.55 | Peak | 3.00 | 100 | Vertical | Pass |
| 1** | 1330.300 | 33.87 | -17.54 | 54.0 | 20.13 | AV | 3.00 | 100 | Vertical | Pass |
| 2 | 2724.100 | 44.30 | -10.51 | 74.0 | 29.70 | Peak | 3.00 | 400 | Vertical | Pass |
| 2** | 2724.100 | 35.19 | -10.51 | 54.0 | 18.81 | AV | 3.00 | 400 | Vertical | Pass |
| 3 | 4315.800 | 49.10 | -4.77 | 74.0 | 24.90 | Peak | 149.00 | 150 | Vertical | Pass |
| 3** | 4315.800 | 39.54 | -4.77 | 54.0 | 14.46 | AV | 149.00 | 150 | Vertical | Pass |
| 4 | 5232.800 | 102.59 | -3.43 | -- | -- | Peak | 172.00 | 300 | Vertical | N/A |
| 4** | 5232.800 | 94.33 | -3.43 | -- | -- | AV | 172.00 | 300 | Vertical | N/A |
| 5 | 7562.925 | 47.67 | -2.49 | 74.0 | 26.33 | Peak | 5.00 | 100 | Vertical | Pass |
| 5** | 7562.925 | 39.05 | -2.49 | 54.0 | 14.95 | AV | 5.00 | 100 | Vertical | Pass |
| 6 | 12261.826 | 51.14 | 2.40 | 74.0 | 22.86 | Peak | 174.00 | 200 | Vertical | Pass |
| 6** | 12261.826 | 41.93 | 2.40 | 54.0 | 12.07 | AV | 174.00 | 200 | Vertical | Pass |

## 11ac20, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.300 | 41.74 | -17.41 | 74.0 | 32.26 | Peak | 44.00 | 300 | Horizontal | Pass |
| 1** | 1328.300 | 31.30 | -17.41 | 54.0 | 22.70 | AV | 44.00 | 300 | Horizontal | Pass |
| 2 | 2730.600 | 44.15 | -10.27 | 74.0 | 29.85 | Peak | 359.00 | 400 | Horizontal | Pass |
| 2** | 2730.600 | 35.20 | -10.27 | 54.0 | 18.80 | AV | 359.00 | 400 | Horizontal | Pass |
| 3 | 4267.800 | 49.12 | -4.63 | 74.0 | 24.88 | Peak | 48.00 | 150 | Horizontal | Pass |
| 3** | 4267.800 | 39.49 | -4.63 | 54.0 | 14.51 | AV | 48.00 | 150 | Horizontal | Pass |
| 4 | 5181.000 | 107.84 | -3.11 | -- | -- | Peak | 151.00 | 200 | Horizontal | N/A |
| 4** | 5181.000 | 100.23 | -3.11 | -- | -- | AV | 151.00 | 200 | Horizontal | N/A |
| 5 | 7456.838 | 47.66 | -2.69 | 74.0 | 26.34 | Peak | 334.00 | 150 | Horizontal | Pass |
| 5** | 7456.838 | 38.11 | -2.69 | 54.0 | 15.89 | AV | 334.00 | 150 | Horizontal | Pass |
| 6 | 12226.463 | 52.47 | 2.42 | 74.0 | 21.53 | Peak | 303.00 | 300 | Horizontal | Pass |
| 6** | 12226.463 | 41.91 | 2.42 | 54.0 | 12.09 | AV | 303.00 | 300 | Horizontal | Pass |

## 11ac20, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1332.200 | 44.66 | -17.62 | 74.0 | 29.34 | Peak | 344.00 | 400 | Vertical | Pass |
| 1** | 1332.200 | 31.66 | -17.62 | 54.0 | 22.34 | AV | 344.00 | 400 | Vertical | Pass |
| 2 | 2814.000 | 44.28 | -10.53 | 74.0 | 29.72 | Peak | 70.00 | 100 | Vertical | Pass |
| 2** | 2814.000 | 35.44 | -10.53 | 54.0 | 18.56 | AV | 70.00 | 100 | Vertical | Pass |
| 3 | 4285.200 | 49.66 | -4.69 | 74.0 | 24.34 | Peak | 68.00 | 200 | Vertical | Pass |
| 3** | 4285.200 | 40.79 | -4.69 | 54.0 | 13.21 | AV | 68.00 | 200 | Vertical | Pass |
| 4 | 5181.800 | 104.68 | -3.16 | -- | -- | Peak | 60.00 | 400 | Vertical | N/A |
| 4** | 5181.800 | 96.99 | -3.16 | -- | -- | AV | 60.00 | 400 | Vertical | N/A |
| 5 | 7561.200 | 48.60 | -2.40 | 74.0 | 25.40 | Peak | 262.00 | 100 | Vertical | Pass |
| 5** | 7561.200 | 39.23 | -2.40 | 54.0 | 14.77 | AV | 262.00 | 100 | Vertical | Pass |
| 6 | 12246.587 | 52.29 | 2.52 | 74.0 | 21.71 | Peak | 186.00 | 200 | Vertical | Pass |
| 6** | 12246.587 | 41.95 | 2.52 | 54.0 | 12.05 | AV | 186.00 | 200 | Vertical | Pass |

11ac20, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.600 | 43.01 | -17.43 | 74.0 | 30.99 | Peak | 136.00 | 300 | Horizontal | Pass |
| 1** | 1328.600 | 32.97 | -17.43 | 54.0 | 21.03 | AV | 136.00 | 300 | Horizontal | Pass |
| 2 | 2831.600 | 44.58 | -10.36 | 74.0 | 29.42 | Peak | 202.00 | 200 | Horizontal | Pass |
| 2** | 2831.600 | 34.92 | -10.36 | 54.0 | 19.08 | AV | 202.00 | 200 | Horizontal | Pass |
| 3 | 4305.400 | 48.82 | -4.56 | 74.0 | 25.18 | Peak | 292.00 | 200 | Horizontal | Pass |
| 3** | 4305.400 | 39.40 | -4.56 | 54.0 | 14.60 | AV | 292.00 | 200 | Horizontal | Pass |
| 4 | 5221.600 | 107.41 | -3.33 | -- | -- | Peak | 158.00 | 400 | Horizontal | N/A |
| 4** | 5221.600 | 100.20 | -3.33 | -- | -- | AV | 158.00 | 400 | Horizontal | N/A |
| 5 | 7589.950 | 48.24 | -2.81 | 74.0 | 25.76 | Peak | 196.00 | 200 | Horizontal | Pass |
| 5** | 7589.950 | 38.33 | -2.81 | 54.0 | 15.67 | AV | 196.00 | 200 | Horizontal | Pass |
| 6 | 12227.613 | 51.26 | 2.42 | 74.0 | 22.74 | Peak | 345.00 | 300 | Horizontal | Pass |
| 6** | 12227.613 | 41.84 | 2.42 | 54.0 | 12.16 | AV | 345.00 | 300 | Horizontal | Pass |

11ac20, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.700 | 43.37 | -17.44 | 74.0 | 30.63 | Peak | 345.00 | 200 | Vertical | Pass |
| 1** | 1328.700 | 31.38 | -17.44 | 54.0 | 22.62 | AV | 345.00 | 200 | Vertical | Pass |
| 2 | 2826.600 | 44.34 | -10.28 | 74.0 | 29.66 | Peak | 38.00 | 400 | Vertical | Pass |
| 2** | 2826.600 | 34.80 | -10.28 | 54.0 | 19.20 | AV | 38.00 | 400 | Vertical | Pass |
| 3 | 4299.000 | 48.79 | -4.50 | 74.0 | 25.21 | Peak | 0.00 | 100 | Vertical | Pass |
| 3** | 4299.000 | 40.00 | -4.50 | 54.0 | 14.00 | AV | 0.00 | 100 | Vertical | Pass |
| 4 | 5217.400 | 104.22 | -3.24 | -- | -- | Peak | 70.00 | 200 | Vertical | N/A |
| 4** | 5217.400 | 96.35 | -3.24 | -- | -- | AV | 70.00 | 200 | Vertical | N/A |
| 5 | 7582.762 | 47.77 | -2.66 | 74.0 | 26.23 | Peak | 302.00 | 100 | Vertical | Pass |
| 5** | 7582.762 | 39.25 | -2.66 | 54.0 | 14.75 | AV | 302.00 | 100 | Vertical | Pass |
| 6 | 12250.325 | 51.89 | 2.53 | 74.0 | 22.11 | Peak | 259.00 | 400 | Vertical | Pass |
| 6** | 12250.325 | 41.73 | 2.53 | 54.0 | 12.27 | AV | 259.00 | 400 | Vertical | Pass |

## 11ac20, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.300 | 42.09 | -17.45 | 74.0 | 31.91 | Peak | 7.00 | 400 | Horizontal | Pass |
| 1** | 1327.300 | 33.22 | -17.45 | 54.0 | 20.78 | AV | 7.00 | 400 | Horizontal | Pass |
| 2 | 2841.000 | 44.58 | -10.55 | 74.0 | 29.42 | Peak | 34.00 | 400 | Horizontal | Pass |
| 2** | 2841.000 | 34.99 | -10.55 | 54.0 | 19.01 | AV | 34.00 | 400 | Horizontal | Pass |
| 3 | 4178.200 | 49.01 | -4.60 | 74.0 | 24.99 | Peak | 80.00 | 100 | Horizontal | Pass |
| 3** | 4178.200 | 39.75 | -4.60 | 54.0 | 14.25 | AV | 80.00 | 100 | Horizontal | Pass |
| 4 | 5238.400 | 108.48 | -3.49 | -- | -- | Peak | 312.00 | 200 | Horizontal | N/A |
| 4** | 5238.400 | 100.87 | -3.49 | -- | -- | AV | 312.00 | 200 | Horizontal | N/A |
| 5 | 7510.312 | 48.55 | -2.28 | 74.0 | 25.45 | Peak | 194.00 | 200 | Horizontal | Pass |
| 5** | 7510.312 | 38.42 | -2.28 | 54.0 | 15.58 | AV | 194.00 | 200 | Horizontal | Pass |
| 6 | 12321.050 | 51.19 | 1.98 | 74.0 | 22.81 | Peak | 258.00 | 400 | Horizontal | Pass |
| 6** | 12321.050 | 42.43 | 1.98 | 54.0 | 11.57 | AV | 258.00 | 400 | Horizontal | Pass |

## 11ac20, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.900 | 42.40 | -17.42 | 74.0 | 31.60 | Peak | 330.00 | 300 | Vertical | Pass |
| 1** | 1327.900 | 29.11 | -17.42 | 54.0 | 24.89 | AV | 330.00 | 300 | Vertical | Pass |
| 2 | 2870.900 | 44.24 | -10.45 | 74.0 | 29.76 | Peak | 10.00 | 400 | Vertical | Pass |
| 2** | 2870.900 | 34.41 | -10.45 | 54.0 | 19.59 | AV | 10.00 | 400 | Vertical | Pass |
| 3 | 4309.400 | 49.38 | -4.67 | 74.0 | 24.62 | Peak | 111.00 | 150 | Vertical | Pass |
| 3** | 4309.400 | 39.99 | -4.67 | 54.0 | 14.01 | AV | 111.00 | 150 | Vertical | Pass |
| 4 | 5238.800 | 103.61 | -3.49 | -- | -- | Peak | 80.00 | 400 | Vertical | N/A |
| 4** | 5238.800 | 96.67 | -3.49 | -- | -- | AV | 80.00 | 400 | Vertical | N/A |
| 5 | 7509.450 | 48.18 | -2.25 | 74.0 | 25.82 | Peak | 15.00 | 200 | Vertical | Pass |
| 5** | 7509.450 | 38.03 | -2.25 | 54.0 | 15.97 | AV | 15.00 | 200 | Vertical | Pass |
| 6 | 12290.288 | 51.57 | 2.28 | 74.0 | 22.43 | Peak | 99.00 | 200 | Vertical | Pass |
| 6** | 12290.288 | 41.72 | 2.28 | 54.0 | 12.28 | AV | 99.00 | 200 | Vertical | Pass |

## 11ac40, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1330.100 | 40.68 | -17.53 | 74.0 | 33.32 | Peak | 232.00 | 100 | Horizontal | Pass |
| 1** | 1330.100 | 30.09 | -17.53 | 54.0 | 23.91 | AV | 232.00 | 100 | Horizontal | Pass |
| 2 | 2877.100 | 43.92 | -10.29 | 74.0 | 30.08 | Peak | 357.00 | 300 | Horizontal | Pass |
| 2** | 2877.100 | 34.64 | -10.29 | 54.0 | 19.36 | AV | 357.00 | 300 | Horizontal | Pass |
| 3 | 4200.600 | 49.03 | -5.12 | 74.0 | 24.97 | Peak | 306.00 | 150 | Horizontal | Pass |
| 3** | 4200.600 | 39.54 | -5.12 | 54.0 | 14.46 | AV | 306.00 | 150 | Horizontal | Pass |
| 4 | 5195.600 | 102.45 | -3.07 | -- | -- | Peak | 238.00 | 300 | Horizontal | N/A |
| 4** | 5195.600 | 94.64 | -3.07 | -- | -- | AV | 238.00 | 300 | Horizontal | N/A |
| 5 | 7515.200 | 48.09 | -2.22 | 74.0 | 25.91 | Peak | 329.00 | 200 | Horizontal | Pass |
| 5** | 7515.200 | 38.65 | -2.22 | 54.0 | 15.35 | AV | 329.00 | 200 | Horizontal | Pass |
| 6 | 12169.825 | 51.91 | 2.54 | 74.0 | 22.09 | Peak | 0.00 | 200 | Horizontal | Pass |
| 6** | 12169.825 | 41.45 | 2.54 | 54.0 | 12.55 | AV | 0.00 | 200 | Horizontal | Pass |

## 11ac40, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.200 | 41.16 | -17.40 | 74.0 | 32.84 | Peak | 336.00 | 400 | Vertical | Pass |
| 1** | 1328.200 | 32.96 | -17.40 | 54.0 | 21.04 | AV | 336.00 | 400 | Vertical | Pass |
| 2 | 2799.600 | 43.92 | -10.74 | 74.0 | 30.08 | Peak | 51.00 | 100 | Vertical | Pass |
| 2** | 2799.600 | 35.03 | -10.74 | 54.0 | 18.97 | AV | 51.00 | 100 | Vertical | Pass |
| 3 | 4290.000 | 48.60 | -4.59 | 74.0 | 25.40 | Peak | 360.00 | 150 | Vertical | Pass |
| 3** | 4290.000 | 39.41 | -4.59 | 54.0 | 14.59 | AV | 360.00 | 150 | Vertical | Pass |
| 4 | 5187.000 | 100.33 | -3.13 | -- | -- | Peak | 161.00 | 300 | Vertical | N/A |
| 4** | 5187.000 | 91.25 | -3.13 | -- | -- | AV | 161.00 | 300 | Vertical | N/A |
| 5 | 7427.513 | 47.87 | -2.28 | 74.0 | 26.13 | Peak | 0.00 | 100 | Vertical | Pass |
| 5** | 7427.513 | 38.70 | -2.28 | 54.0 | 15.30 | AV | 0.00 | 100 | Vertical | Pass |
| 6 | 11706.951 | 50.96 | 1.34 | 74.0 | 23.04 | Peak | 190.00 | 400 | Vertical | Pass |
| 6** | 11706.951 | 41.19 | 1.34 | 54.0 | 12.81 | AV | 190.00 | 400 | Vertical | Pass |

## 11ac40, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1331.900 | 40.92 | -17.60 | 74.0 | 33.08 | Peak | 63.00 | 100 | Horizontal | Pass |
| 1** | 1331.900 | 30.05 | -17.60 | 54.0 | 23.95 | AV | 63.00 | 100 | Horizontal | Pass |
| 2 | 2749.100 | 44.18 | -10.27 | 74.0 | 29.82 | Peak | 122.00 | 300 | Horizontal | Pass |
| 2** | 2749.100 | 35.27 | -10.27 | 54.0 | 18.73 | AV | 122.00 | 300 | Horizontal | Pass |
| 3 | 4284.000 | 49.43 | -4.75 | 74.0 | 24.57 | Peak | 215.00 | 100 | Horizontal | Pass |
| 3** | 4284.000 | 39.86 | -4.75 | 54.0 | 14.14 | AV | 215.00 | 100 | Horizontal | Pass |
| 4 | 5227.000 | 104.69 | -3.43 | -- | -- | Peak | 236.00 | 400 | Horizontal | N/A |
| 4** | 5227.000 | 97.00 | -3.43 | -- | -- | AV | 236.00 | 400 | Horizontal | N/A |
| 5 | 7486.162 | 47.88 | -2.57 | 74.0 | 26.12 | Peak | 267.00 | 100 | Horizontal | Pass |
| 5** | 7486.162 | 38.46 | -2.57 | 54.0 | 15.54 | AV | 267.00 | 100 | Horizontal | Pass |
| 6 | 12170.112 | 51.04 | 2.55 | 74.0 | 22.96 | Peak | 329.00 | 100 | Horizontal | Pass |
| 6** | 12170.112 | 41.68 | 2.55 | 54.0 | 12.32 | AV | 329.00 | 100 | Horizontal | Pass |

## 11ac40, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1330.700 | 43.03 | -17.56 | 74.0 | 30.97 | Peak | 270.00 | 400 | Vertical | Pass |
| 1** | 1330.700 | 29.14 | -17.56 | 54.0 | 24.86 | AV | 270.00 | 400 | Vertical | Pass |
| 2 | 2855.700 | 44.54 | -10.27 | 74.0 | 29.46 | Peak | 0.00 | 100 | Vertical | Pass |
| 2** | 2855.700 | 34.62 | -10.27 | 54.0 | 19.38 | AV | 0.00 | 100 | Vertical | Pass |
| 3 | 4267.000 | 49.12 | -4.62 | 74.0 | 24.88 | Peak | 2.00 | 200 | Vertical | Pass |
| 3** | 4267.000 | 38.86 | -4.62 | 54.0 | 15.14 | AV | 2.00 | 200 | Vertical | Pass |
| 4 | 5233.000 | 102.32 | -3.43 | -- | -- | Peak | 173.00 | 300 | Vertical | N/A |
| 4** | 5233.000 | 94.99 | -3.43 | -- | -- | AV | 173.00 | 300 | Vertical | N/A |
| 5 | 7429.813 | 47.86 | -2.31 | 74.0 | 26.14 | Peak | 174.00 | 150 | Vertical | Pass |
| 5** | 7429.813 | 39.78 | -2.31 | 54.0 | 14.22 | AV | 174.00 | 150 | Vertical | Pass |
| 6 | 11645.425 | 51.24 | 1.98 | 74.0 | 22.76 | Peak | 0.00 | 300 | Vertical | Pass |
| 6** | 11645.425 | 41.40 | 1.98 | 54.0 | 12.60 | AV | 0.00 | 300 | Vertical | Pass |

## 11ac80, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1331.700 | 40.49 | -17.60 | 74.0 | 33.51 | Peak | 61.00 | 100 | Horizontal | Pass |
| 1** | 1331.700 | 30.49 | -17.60 | 54.0 | 23.51 | AV | 61.00 | 100 | Horizontal | Pass |
| 2 | 2815.700 | 44.12 | -10.53 | 74.0 | 29.88 | Peak | 356.00 | 100 | Horizontal | Pass |
| 2** | 2815.700 | 34.77 | -10.53 | 54.0 | 19.23 | AV | 356.00 | 100 | Horizontal | Pass |
| 3 | 4308.400 | 48.67 | -4.60 | 74.0 | 25.33 | Peak | 180.00 | 200 | Horizontal | Pass |
| 3** | 4308.400 | 39.22 | -4.60 | 54.0 | 14.78 | AV | 180.00 | 200 | Horizontal | Pass |
| 4 | 5215.400 | 98.16 | -3.17 | -- | -- | Peak | 236.00 | 400 | Horizontal | N/A |
| 4** | 5215.400 | 91.07 | -3.17 | -- | -- | AV | 236.00 | 400 | Horizontal | N/A |
| 5 | 7561.487 | 47.94 | -2.41 | 74.0 | 26.06 | Peak | 0.00 | 150 | Horizontal | Pass |
| 5** | 7561.487 | 39.42 | -2.41 | 54.0 | 14.58 | AV | 0.00 | 150 | Horizontal | Pass |
| 6 | 12173.850 | 51.10 | 2.60 | 74.0 | 22.90 | Peak | 98.00 | 100 | Horizontal | Pass |
| 6** | 12173.850 | 43.49 | 2.60 | 54.0 | 10.51 | AV | 98.00 | 100 | Horizontal | Pass |

## 11ac80, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1333.500 | 44.49 | -17.63 | 74.0 | 29.51 | Peak | 279.00 | 200 | Vertical | Pass |
| 1** | 1333.500 | 29.55 | -17.63 | 54.0 | 24.45 | AV | 279.00 | 200 | Vertical | Pass |
| 2 | 2835.200 | 44.28 | -10.36 | 74.0 | 29.72 | Peak | 80.00 | 100 | Vertical | Pass |
| 2** | 2835.200 | 34.65 | -10.36 | 54.0 | 19.35 | AV | 80.00 | 100 | Vertical | Pass |
| 3 | 4275.800 | 48.97 | -4.55 | 74.0 | 25.03 | Peak | 1.00 | 200 | Vertical | Pass |
| 3** | 4275.800 | 39.59 | -4.55 | 54.0 | 14.41 | AV | 1.00 | 200 | Vertical | Pass |
| 4 | 5205.000 | 95.07 | -3.25 | -- | -- | Peak | 156.00 | 300 | Vertical | N/A |
| 4** | 5205.000 | 87.29 | -3.25 | -- | -- | AV | 156.00 | 300 | Vertical | N/A |
| 5 | 7459.425 | 47.49 | -2.65 | 74.0 | 26.51 | Peak | 68.00 | 100 | Vertical | Pass |
| 5** | 7459.425 | 38.48 | -2.65 | 54.0 | 15.52 | AV | 68.00 | 100 | Vertical | Pass |
| 6 | 12172.125 | 51.27 | 2.58 | 74.0 | 22.73 | Peak | 0.00 | 100 | Vertical | Pass |
| 6** | 12172.125 | 41.34 | 2.58 | 54.0 | 12.66 | AV | 0.00 | 100 | Vertical | Pass |

## 11a, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.100 | 43.32 | -17.46 | 74.0 | 30.68 | Peak | 37.00 | 300 | Horizontal | Pass |
| 1** | 1327.100 | 30.04 | -17.46 | 54.0 | 23.96 | AV | 37.00 | 300 | Horizontal | Pass |
| 2 | 2815.900 | 45.66 | -10.51 | 74.0 | 28.34 | Peak | 1.00 | 300 | Horizontal | Pass |
| 2** | 2815.900 | 34.55 | -10.51 | 54.0 | 19.45 | AV | 1.00 | 300 | Horizontal | Pass |
| 3 | 4292.600 | 48.97 | -4.62 | 74.0 | 25.03 | Peak | 98.00 | 200 | Horizontal | Pass |
| 3** | 4292.600 | 40.05 | -4.62 | 54.0 | 13.95 | AV | 98.00 | 200 | Horizontal | Pass |
| 4 | 5262.000 | 110.94 | -3.68 | -- | -- | Peak | 310.00 | 100 | Horizontal | N/A |
| 4** | 5262.000 | 102.97 | -3.68 | -- | -- | AV | 310.00 | 100 | Horizontal | N/A |
| 5 | 7568.963 | 47.77 | -2.43 | 74.0 | 26.23 | Peak | 56.00 | 200 | Horizontal | Pass |
| 5** | 7568.963 | 39.22 | -2.43 | 54.0 | 14.78 | AV | 56.00 | 200 | Horizontal | Pass |
| 6 | 12151.713 | 51.06 | 2.10 | 74.0 | 22.94 | Peak | 15.00 | 400 | Horizontal | Pass |
| 6** | 12151.713 | 41.20 | 2.10 | 54.0 | 12.80 | AV | 15.00 | 400 | Horizontal | Pass |

## 11a, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.800 | 42.60 | -17.42 | 74.0 | 31.40 | Peak | 330.00 | 400 | Vertical | Pass |
| 1** | 1327.800 | 34.66 | -17.42 | 54.0 | 19.34 | AV | 330.00 | 400 | Vertical | Pass |
| 2 | 2727.000 | 44.54 | -10.35 | 74.0 | 29.46 | Peak | 189.00 | 400 | Vertical | Pass |
| 2** | 2727.000 | 35.00 | -10.35 | 54.0 | 19.00 | AV | 189.00 | 400 | Vertical | Pass |
| 3 | 4207.400 | 48.77 | -5.17 | 74.0 | 25.23 | Peak | 0.00 | 100 | Vertical | Pass |
| 3** | 4207.400 | 39.64 | -5.17 | 54.0 | 14.36 | AV | 0.00 | 100 | Vertical | Pass |
| 4 | 5259.000 | 104.46 | -3.64 | -- | -- | Peak | 94.00 | 400 | Vertical | N/A |
| 4** | 5259.000 | 97.46 | -3.64 | -- | -- | AV | 94.00 | 400 | Vertical | N/A |
| 5 | 7546.537 | 48.26 | -2.27 | 74.0 | 25.74 | Peak | 10.00 | 100 | Vertical | Pass |
| 5** | 7546.537 | 38.60 | -2.27 | 54.0 | 15.40 | AV | 10.00 | 100 | Vertical | Pass |
| 6 | 12283.963 | 50.87 | 2.24 | 74.0 | 23.13 | Peak | 259.00 | 300 | Vertical | Pass |
| 6** | 12283.963 | 41.19 | 2.24 | 54.0 | 12.81 | AV | 259.00 | 300 | Vertical | Pass |

## 11a, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.700 | 41.61 | -17.44 | 74.0 | 32.39 | Peak | 39.00 | 100 | Horizontal | Pass |
| 1** | 1328.700 | 30.89 | -17.44 | 54.0 | 23.11 | AV | 39.00 | 100 | Horizontal | Pass |
| 2 | 2856.100 | 44.34 | -10.25 | 74.0 | 29.66 | Peak | 298.00 | 200 | Horizontal | Pass |
| 2** | 2856.100 | 34.57 | -10.25 | 54.0 | 19.43 | AV | 298.00 | 200 | Horizontal | Pass |
| 3 | 4275.400 | 49.33 | -4.56 | 74.0 | 24.67 | Peak | 122.00 | 100 | Horizontal | Pass |
| 3** | 4275.400 | 39.75 | -4.56 | 54.0 | 14.25 | AV | 122.00 | 100 | Horizontal | Pass |
| 4 | 5297.400 | 111.47 | -3.21 | -- | -- | Peak | 313.00 | 400 | Horizontal | N/A |
| 4** | 5297.400 | 103.54 | -3.21 | -- | -- | AV | 313.00 | 400 | Horizontal | N/A |
| 5 | 7372.025 | 47.73 | -2.77 | 74.0 | 26.27 | Peak | 0.00 | 100 | Horizontal | Pass |
| 5** | 7372.025 | 38.34 | -2.77 | 54.0 | 15.66 | AV | 0.00 | 100 | Horizontal | Pass |
| 6 | 12233.075 | 51.01 | 2.43 | 74.0 | 22.99 | Peak | 111.00 | 400 | Horizontal | Pass |
| 6** | 12233.075 | 41.90 | 2.43 | 54.0 | 12.10 | AV | 111.00 | 400 | Horizontal | Pass |

## 11a, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1331.100 | 43.93 | -17.57 | 74.0 | 30.07 | Peak | 296.00 | 300 | Vertical | Pass |
| 1** | 1331.100 | 31.76 | -17.57 | 54.0 | 22.24 | AV | 296.00 | 300 | Vertical | Pass |
| 2 | 2848.600 | 44.92 | -10.63 | 74.0 | 29.08 | Peak | 0.00 | 300 | Vertical | Pass |
| 2** | 2848.600 | 34.50 | -10.63 | 54.0 | 19.50 | AV | 0.00 | 300 | Vertical | Pass |
| 3 | 4277.200 | 50.07 | -4.52 | 74.0 | 23.93 | Peak | 75.00 | 150 | Vertical | Pass |
| 3** | 4277.200 | 39.90 | -4.52 | 54.0 | 14.10 | AV | 75.00 | 150 | Vertical | Pass |
| 4 | 5298.200 | 103.86 | -3.20 | -- | -- | Peak | 98.00 | 400 | Vertical | N/A |
| 4** | 5298.200 | 96.00 | -3.20 | -- | -- | AV | 98.00 | 400 | Vertical | N/A |
| 5 | 7430.100 | 48.20 | -2.31 | 74.0 | 25.80 | Peak | 37.00 | 200 | Vertical | Pass |
| 5** | 7430.100 | 39.92 | -2.31 | 54.0 | 14.08 | AV | 37.00 | 200 | Vertical | Pass |
| 6 | 12168.388 | 51.64 | 2.49 | 74.0 | 22.36 | Peak | 0.00 | 300 | Vertical | Pass |
| 6** | 12168.388 | 43.00 | 2.49 | 54.0 | 11.00 | AV | 0.00 | 300 | Vertical | Pass |

## 11a, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.200 | 43.45 | -17.45 | 74.0 | 30.55 | Peak | 29.00 | 300 | Horizontal | Pass |
| 1** | 1327.200 | 31.11 | -17.45 | 54.0 | 22.89 | AV | 29.00 | 300 | Horizontal | Pass |
| 2 | 2841.100 | 44.78 | -10.56 | 74.0 | 29.22 | Peak | 122.00 | 400 | Horizontal | Pass |
| 2** | 2841.100 | 34.70 | -10.56 | 54.0 | 19.30 | AV | 122.00 | 400 | Horizontal | Pass |
| 3 | 4318.000 | 49.44 | -4.74 | 74.0 | 24.56 | Peak | 359.00 | 150 | Horizontal | Pass |
| 3** | 4318.000 | 40.02 | -4.74 | 54.0 | 13.98 | AV | 359.00 | 150 | Horizontal | Pass |
| 4 | 5321.200 | 110.76 | -3.22 | -- | -- | Peak | 313.00 | 300 | Horizontal | N/A |
| 4** | 5321.200 | 102.70 | -3.22 | -- | -- | AV | 313.00 | 300 | Horizontal | N/A |
| 5 | 7496.225 | 48.53 | -2.39 | 74.0 | 25.47 | Peak | 282.00 | 200 | Horizontal | Pass |
| 5** | 7496.225 | 38.73 | -2.39 | 54.0 | 15.27 | AV | 282.00 | 200 | Horizontal | Pass |
| 6 | 12172.125 | 51.28 | 2.58 | 74.0 | 22.72 | Peak | 176.00 | 400 | Horizontal | Pass |
| 6** | 12172.125 | 42.55 | 2.58 | 54.0 | 11.45 | AV | 176.00 | 400 | Horizontal | Pass |

## 11a, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1332.100 | 43.55 | -17.61 | 74.0 | 30.45 | Peak | 117.00 | 100 | Vertical | Pass |
| 1** | 1332.100 | 33.15 | -17.61 | 54.0 | 20.85 | AV | 117.00 | 100 | Vertical | Pass |
| 2 | 2751.000 | 44.55 | -10.35 | 74.0 | 29.45 | Peak | 353.00 | 400 | Vertical | Pass |
| 2** | 2751.000 | 35.26 | -10.35 | 54.0 | 18.74 | AV | 353.00 | 400 | Vertical | Pass |
| 3 | 4289.400 | 49.25 | -4.59 | 74.0 | 24.75 | Peak | 45.00 | 200 | Vertical | Pass |
| 3** | 4289.400 | 39.30 | -4.59 | 54.0 | 14.70 | AV | 45.00 | 200 | Vertical | Pass |
| 4 | 5318.200 | 102.20 | -3.07 | -- | -- | Peak | 85.00 | 100 | Vertical | N/A |
| 4** | 5318.200 | 93.74 | -3.07 | -- | -- | AV | 85.00 | 100 | Vertical | N/A |
| 5 | 7577.587 | 47.68 | -2.55 | 74.0 | 26.32 | Peak | 261.00 | 200 | Vertical | Pass |
| 5** | 7577.587 | 39.64 | -2.55 | 54.0 | 14.36 | AV | 261.00 | 200 | Vertical | Pass |
| 6 | 12290.288 | 51.93 | 2.28 | 74.0 | 22.07 | Peak | 325.00 | 100 | Vertical | Pass |
| 6** | 12290.288 | 42.10 | 2.28 | 54.0 | 11.90 | AV | 325.00 | 100 | Vertical | Pass |

## 11n20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.300 | 40.06 | -17.45 | 74.0 | 33.94 | Peak | 44.00 | 300 | Horizontal | Pass |
| 1** | 1327.300 | 30.77 | -17.45 | 54.0 | 23.23 | AV | 44.00 | 300 | Horizontal | Pass |
| 2 | 2730.500 | 44.15 | -10.27 | 74.0 | 29.85 | Peak | 10.00 | 300 | Horizontal | Pass |
| 2** | 2730.500 | 35.62 | -10.27 | 54.0 | 18.38 | AV | 10.00 | 300 | Horizontal | Pass |
| 3 | 4294.800 | 49.13 | -4.47 | 74.0 | 24.87 | Peak | 122.00 | 100 | Horizontal | Pass |
| 3** | 4294.800 | 40.84 | -4.47 | 54.0 | 13.16 | AV | 122.00 | 100 | Horizontal | Pass |
| 4 | 5261.200 | 109.64 | -3.69 | -- | -- | Peak | 305.00 | 300 | Horizontal | N/A |
| 4** | 5261.200 | 103.03 | -3.69 | -- | -- | AV | 305.00 | 300 | Horizontal | N/A |
| 5 | 7427.800 | 47.78 | -2.28 | 74.0 | 26.22 | Peak | 315.00 | 200 | Horizontal | Pass |
| 5** | 7427.800 | 39.60 | -2.28 | 54.0 | 14.40 | AV | 315.00 | 200 | Horizontal | Pass |
| 6 | 12196.275 | 51.04 | 2.41 | 74.0 | 22.96 | Peak | 166.00 | 200 | Horizontal | Pass |
| 6** | 12196.275 | 41.62 | 2.41 | 54.0 | 12.38 | AV | 166.00 | 200 | Horizontal | Pass |

## 11n20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1331.700 | 42.01 | -17.60 | 74.0 | 31.99 | Peak | 62.00 | 100 | Vertical | Pass |
| 1** | 1331.700 | 35.09 | -17.60 | 54.0 | 18.91 | AV | 62.00 | 100 | Vertical | Pass |
| 2 | 2724.800 | 44.19 | -10.46 | 74.0 | 29.81 | Peak | 10.00 | 400 | Vertical | Pass |
| 2** | 2724.800 | 34.60 | -10.46 | 54.0 | 19.40 | AV | 10.00 | 400 | Vertical | Pass |
| 3 | 4286.800 | 50.11 | -4.62 | 74.0 | 23.89 | Peak | 290.00 | 200 | Vertical | Pass |
| 3** | 4286.800 | 39.58 | -4.62 | 54.0 | 14.42 | AV | 290.00 | 200 | Vertical | Pass |
| 4 | 5261.200 | 104.67 | -3.69 | -- | -- | Peak | 83.00 | 400 | Vertical | N/A |
| 4** | 5261.200 | 96.21 | -3.69 | -- | -- | AV | 83.00 | 400 | Vertical | N/A |
| 5 | 7516.350 | 48.29 | -2.19 | 74.0 | 25.71 | Peak | 164.00 | 150 | Vertical | Pass |
| 5** | 7516.350 | 38.63 | -2.19 | 54.0 | 15.37 | AV | 164.00 | 150 | Vertical | Pass |
| 6 | 12221.287 | 51.39 | 2.42 | 74.0 | 22.61 | Peak | 197.00 | 100 | Vertical | Pass |
| 6** | 12221.287 | 41.96 | 2.42 | 54.0 | 12.04 | AV | 197.00 | 100 | Vertical | Pass |

## 11n20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1331.900 | 39.19 | -17.60 | 74.0 | 34.81 | Peak | 29.00 | 400 | Horizontal | Pass |
| 1** | 1331.900 | 29.41 | -17.60 | 54.0 | 24.59 | AV | 29.00 | 400 | Horizontal | Pass |
| 2 | 2727.800 | 44.64 | -10.37 | 74.0 | 29.36 | Peak | 91.00 | 200 | Horizontal | Pass |
| 2** | 2727.800 | 34.56 | -10.37 | 54.0 | 19.44 | AV | 91.00 | 200 | Horizontal | Pass |
| 3 | 4307.600 | 48.77 | -4.55 | 74.0 | 25.23 | Peak | 227.00 | 150 | Horizontal | Pass |
| 3** | 4307.600 | 40.43 | -4.55 | 54.0 | 13.57 | AV | 227.00 | 150 | Horizontal | Pass |
| 4 | 5300.600 | 110.97 | -3.14 | -- | -- | Peak | 305.00 | 200 | Horizontal | N/A |
| 4** | 5300.600 | 102.63 | -3.14 | -- | -- | AV | 305.00 | 200 | Horizontal | N/A |
| 5 | 7343.275 | 48.03 | -3.07 | 74.0 | 25.97 | Peak | 359.00 | 100 | Horizontal | Pass |
| 5** | 7343.275 | 38.10 | -3.07 | 54.0 | 15.90 | AV | 359.00 | 100 | Horizontal | Pass |
| 6 | 12179.025 | 51.41 | 2.61 | 74.0 | 22.59 | Peak | 186.00 | 300 | Horizontal | Pass |
| 6** | 12179.025 | 42.38 | 2.61 | 54.0 | 11.62 | AV | 186.00 | 300 | Horizontal | Pass |

## 11n20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1396.600 | 38.58 | -17.31 | 74.0 | 35.42 | Peak | 326.00 | 150 | Vertical | Pass |
| 1** | 1396.600 | 29.39 | -17.31 | 54.0 | 24.61 | AV | 326.00 | 150 | Vertical | Pass |
| 2 | 2853.100 | 44.21 | -10.42 | 74.0 | 29.79 | Peak | 320.00 | 100 | Vertical | Pass |
| 2** | 2853.100 | 34.28 | -10.42 | 54.0 | 19.72 | AV | 320.00 | 100 | Vertical | Pass |
| 3 | 4302.200 | 49.08 | -4.62 | 74.0 | 24.92 | Peak | 209.00 | 150 | Vertical | Pass |
| 3** | 4302.200 | 39.59 | -4.62 | 54.0 | 14.41 | AV | 209.00 | 150 | Vertical | Pass |
| 4 | 5298.400 | 102.59 | -3.19 | -- | -- | Peak | 73.00 | 200 | Vertical | N/A |
| 4** | 5298.400 | 95.15 | -3.19 | -- | -- | AV | 73.00 | 200 | Vertical | N/A |
| 5 | 7549.987 | 48.00 | -2.29 | 74.0 | 26.00 | Peak | 80.00 | 200 | Vertical | Pass |
| 5** | 7549.987 | 39.06 | -2.29 | 54.0 | 14.94 | AV | 80.00 | 200 | Vertical | Pass |
| 6 | 12230.487 | 51.95 | 2.42 | 74.0 | 22.05 | Peak | 133.00 | 300 | Vertical | Pass |
| 6** | 12230.487 | 42.04 | 2.42 | 54.0 | 11.96 | AV | 133.00 | 300 | Vertical | Pass |

## 11n20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.800 | 41.52 | -17.44 | 74.0 | 32.48 | Peak | 349.00 | 400 | Horizontal | Pass |
| 1** | 1328.800 | 30.77 | -17.44 | 54.0 | 23.23 | AV | 349.00 | 400 | Horizontal | Pass |
| 2 | 2747.700 | 44.21 | -10.21 | 74.0 | 29.79 | Peak | 78.00 | 100 | Horizontal | Pass |
| 2** | 2747.700 | 35.54 | -10.21 | 54.0 | 18.46 | AV | 78.00 | 100 | Horizontal | Pass |
| 3 | 4232.800 | 48.85 | -4.72 | 74.0 | 25.15 | Peak | 20.00 | 200 | Horizontal | Pass |
| 3** | 4232.800 | 39.19 | -4.72 | 54.0 | 14.81 | AV | 20.00 | 200 | Horizontal | Pass |
| 4 | 5318.400 | 111.52 | -3.07 | -- | -- | Peak | 306.00 | 300 | Horizontal | N/A |
| 4** | 5318.400 | 103.86 | -3.07 | -- | -- | AV | 306.00 | 300 | Horizontal | N/A |
| 5 | 7561.775 | 47.78 | -2.43 | 74.0 | 26.22 | Peak | 133.00 | 200 | Horizontal | Pass |
| 5** | 7561.775 | 38.71 | -2.43 | 54.0 | 15.29 | AV | 133.00 | 200 | Horizontal | Pass |
| 6 | 12227.325 | 51.18 | 2.42 | 74.0 | 22.82 | Peak | 220.00 | 300 | Horizontal | Pass |
| 6** | 12227.325 | 42.47 | 2.42 | 54.0 | 11.53 | AV | 220.00 | 300 | Horizontal | Pass |

## 11n20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1596.500 | 40.10 | -17.63 | 74.0 | 33.90 | Peak | 359.00 | 150 | Vertical | Pass |
| 1** | 1596.500 | 30.25 | -17.63 | 54.0 | 23.75 | AV | 359.00 | 150 | Vertical | Pass |
| 2 | 2877.500 | 45.12 | -10.27 | 74.0 | 28.88 | Peak | 305.00 | 200 | Vertical | Pass |
| 2** | 2877.500 | 36.11 | -10.27 | 54.0 | 17.89 | AV | 305.00 | 200 | Vertical | Pass |
| 3 | 4342.000 | 48.93 | -4.68 | 74.0 | 25.07 | Peak | 360.00 | 100 | Vertical | Pass |
| 3** | 4342.000 | 39.12 | -4.68 | 54.0 | 14.88 | AV | 360.00 | 100 | Vertical | Pass |
| 4 | 5319.200 | 101.83 | -3.09 | -- | -- | Peak | 91.00 | 100 | Vertical | N/A |
| 4** | 5319.200 | 94.35 | -3.09 | -- | -- | AV | 91.00 | 100 | Vertical | N/A |
| 5 | 7564.938 | 47.85 | -2.51 | 74.0 | 26.15 | Peak | 359.00 | 200 | Vertical | Pass |
| 5** | 7564.938 | 39.23 | -2.51 | 54.0 | 14.77 | AV | 359.00 | 200 | Vertical | Pass |
| 6 | 12217.550 | 52.19 | 2.41 | 74.0 | 21.81 | Peak | 303.00 | 100 | Vertical | Pass |
| 6** | 12217.550 | 42.28 | 2.41 | 54.0 | 11.72 | AV | 303.00 | 100 | Vertical | Pass |

## 11n40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1332.500 | 40.59 | -17.63 | 74.0 | 33.41 | Peak | 229.00 | 400 | Horizontal | Pass |
| 1** | 1332.500 | 29.11 | -17.63 | 54.0 | 24.89 | AV | 229.00 | 400 | Horizontal | Pass |
| 2 | 2844.300 | 44.15 | -10.61 | 74.0 | 29.85 | Peak | 336.00 | 400 | Horizontal | Pass |
| 2** | 2844.300 | 35.58 | -10.61 | 54.0 | 18.42 | AV | 336.00 | 400 | Horizontal | Pass |
| 3 | 4263.200 | 48.62 | -4.45 | 74.0 | 25.38 | Peak | 350.00 | 150 | Horizontal | Pass |
| 3** | 4263.200 | 39.04 | -4.45 | 54.0 | 14.96 | AV | 350.00 | 150 | Horizontal | Pass |
| 4 | 5272.400 | 106.99 | -3.53 | -- | -- | Peak | 42.00 | 400 | Horizontal | N/A |
| 4** | 5272.400 | 100.16 | -3.53 | -- | -- | AV | 42.00 | 400 | Horizontal | N/A |
| 5 | 7559.187 | 48.53 | -2.45 | 74.0 | 25.47 | Peak | 93.00 | 150 | Horizontal | Pass |
| 5** | 7559.187 | 39.28 | -2.45 | 54.0 | 14.72 | AV | 93.00 | 150 | Horizontal | Pass |
| 6 | 12212.662 | 50.92 | 2.40 | 74.0 | 23.08 | Peak | 187.00 | 100 | Horizontal | Pass |
| 6** | 12212.662 | 41.98 | 2.40 | 54.0 | 12.02 | AV | 187.00 | 100 | Horizontal | Pass |

## 11n40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1330.000 | 42.70 | -17.52 | 74.0 | 31.30 | Peak | 8.00 | 300 | Vertical | Pass |
| 1** | 1330.000 | 31.44 | -17.52 | 54.0 | 22.56 | AV | 8.00 | 300 | Vertical | Pass |
| 2 | 2835.600 | 44.78 | -10.34 | 74.0 | 29.22 | Peak | 145.00 | 300 | Vertical | Pass |
| 2** | 2835.600 | 35.39 | -10.34 | 54.0 | 18.61 | AV | 145.00 | 300 | Vertical | Pass |
| 3 | 4301.400 | 48.95 | -4.60 | 74.0 | 25.05 | Peak | 148.00 | 100 | Vertical | Pass |
| 3** | 4301.400 | 39.38 | -4.60 | 54.0 | 14.62 | AV | 148.00 | 100 | Vertical | Pass |
| 4 | 5268.600 | 101.92 | -3.54 | -- | -- | Peak | 171.00 | 200 | Vertical | N/A |
| 4** | 5268.600 | 93.95 | -3.54 | -- | -- | AV | 171.00 | 200 | Vertical | N/A |
| 5 | 7562.062 | 48.50 | -2.45 | 74.0 | 25.50 | Peak | 323.00 | 150 | Vertical | Pass |
| 5** | 7562.062 | 39.59 | -2.45 | 54.0 | 14.41 | AV | 323.00 | 150 | Vertical | Pass |
| 6 | 11701.488 | 51.21 | 1.45 | 74.0 | 22.79 | Peak | 246.00 | 200 | Vertical | Pass |
| 6** | 11701.488 | 41.75 | 1.45 | 54.0 | 12.25 | AV | 246.00 | 200 | Vertical | Pass |

## 11n40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.000 | 40.48 | -17.46 | 74.0 | 33.52 | Peak | 177.00 | 300 | Horizontal | Pass |
| 1** | 1329.000 | 32.59 | -17.46 | 54.0 | 21.41 | AV | 177.00 | 300 | Horizontal | Pass |
| 2 | 2857.500 | 44.03 | -10.24 | 74.0 | 29.97 | Peak | 290.00 | 400 | Horizontal | Pass |
| 2** | 2857.500 | 34.61 | -10.24 | 54.0 | 19.39 | AV | 290.00 | 400 | Horizontal | Pass |
| 3 | 4299.000 | 48.63 | -4.50 | 74.0 | 25.37 | Peak | 326.00 | 150 | Horizontal | Pass |
| 3** | 4299.000 | 39.71 | -4.50 | 54.0 | 14.29 | AV | 326.00 | 150 | Horizontal | Pass |
| 4 | 5311.400 | 109.19 | -3.06 | -- | -- | Peak | 42.00 | 100 | Horizontal | N/A |
| 4** | 5311.400 | 100.58 | -3.06 | -- | -- | AV | 42.00 | 100 | Horizontal | N/A |
| 5 | 7596.562 | 47.72 | -2.98 | 74.0 | 26.28 | Peak | 311.00 | 150 | Horizontal | Pass |
| 5** | 7596.562 | 38.33 | -2.98 | 54.0 | 15.67 | AV | 311.00 | 150 | Horizontal | Pass |
| 6 | 12304.950 | 51.43 | 2.24 | 74.0 | 22.57 | Peak | 279.00 | 200 | Horizontal | Pass |
| 6** | 12304.950 | 40.91 | 2.24 | 54.0 | 13.09 | AV | 279.00 | 200 | Horizontal | Pass |

## 11n40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.000 | 43.32 | -17.46 | 74.0 | 30.68 | Peak | 330.00 | 400 | Vertical | Pass |
| 1** | 1329.000 | 34.32 | -17.46 | 54.0 | 19.68 | AV | 330.00 | 400 | Vertical | Pass |
| 2 | 2817.300 | 44.51 | -10.42 | 74.0 | 29.49 | Peak | 177.00 | 300 | Vertical | Pass |
| 2** | 2817.300 | 35.17 | -10.42 | 54.0 | 18.83 | AV | 177.00 | 300 | Vertical | Pass |
| 3 | 4294.400 | 48.60 | -4.48 | 74.0 | 25.40 | Peak | 179.00 | 200 | Vertical | Pass |
| 3** | 4294.400 | 39.56 | -4.48 | 54.0 | 14.44 | AV | 179.00 | 200 | Vertical | Pass |
| 4 | 5305.000 | 101.49 | -3.07 | -- | -- | Peak | 190.00 | 400 | Vertical | N/A |
| 4** | 5305.000 | 94.01 | -3.07 | -- | -- | AV | 190.00 | 400 | Vertical | N/A |
| 5 | 7600.875 | 48.07 | -3.12 | 74.0 | 25.93 | Peak | 356.00 | 200 | Vertical | Pass |
| 5** | 7600.875 | 38.73 | -3.12 | 54.0 | 15.27 | AV | 356.00 | 200 | Vertical | Pass |
| 6 | 12253.487 | 50.99 | 2.50 | 74.0 | 23.01 | Peak | 293.00 | 300 | Vertical | Pass |
| 6** | 12253.487 | 41.83 | 2.50 | 54.0 | 12.17 | AV | 293.00 | 300 | Vertical | Pass |

## 11ac20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1330.700 | 39.58 | -17.56 | 74.0 | 34.42 | Peak | 348.00 | 400 | Horizontal | Pass |
| 1** | 1330.700 | 29.20 | -17.56 | 54.0 | 24.80 | AV | 348.00 | 400 | Horizontal | Pass |
| 2 | 2807.500 | 44.30 | -10.64 | 74.0 | 29.70 | Peak | 171.00 | 200 | Horizontal | Pass |
| 2** | 2807.500 | 35.31 | -10.64 | 54.0 | 18.69 | AV | 171.00 | 200 | Horizontal | Pass |
| 3 | 4280.200 | 48.79 | -4.54 | 74.0 | 25.21 | Peak | 20.00 | 200 | Horizontal | Pass |
| 3** | 4280.200 | 39.74 | -4.54 | 54.0 | 14.26 | AV | 20.00 | 200 | Horizontal | Pass |
| 4 | 5261.000 | 109.41 | -3.69 | -- | -- | Peak | 305.00 | 100 | Horizontal | N/A |
| 4** | 5261.000 | 102.67 | -3.69 | -- | -- | AV | 305.00 | 100 | Horizontal | N/A |
| 5 | 7583.625 | 48.07 | -2.67 | 74.0 | 25.93 | Peak | 196.00 | 200 | Horizontal | Pass |
| 5** | 7583.625 | 39.86 | -2.67 | 54.0 | 14.14 | AV | 196.00 | 200 | Horizontal | Pass |
| 6 | 11644.562 | 51.35 | 1.99 | 74.0 | 22.65 | Peak | 122.00 | 200 | Horizontal | Pass |
| 6** | 11644.562 | 41.81 | 1.99 | 54.0 | 12.19 | AV | 122.00 | 200 | Horizontal | Pass |

## 11ac20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1331.500 | 43.38 | -17.59 | 74.0 | 30.62 | Peak | 315.00 | 100 | Vertical | Pass |
| 1** | 1331.500 | 33.25 | -17.59 | 54.0 | 20.75 | AV | 315.00 | 100 | Vertical | Pass |
| 2 | 2820.200 | 44.26 | -10.29 | 74.0 | 29.74 | Peak | 357.00 | 300 | Vertical | Pass |
| 2** | 2820.200 | 35.10 | -10.29 | 54.0 | 18.90 | AV | 357.00 | 300 | Vertical | Pass |
| 3 | 4357.600 | 49.12 | -4.86 | 74.0 | 24.88 | Peak | 14.00 | 200 | Vertical | Pass |
| 3** | 4357.600 | 39.50 | -4.86 | 54.0 | 14.50 | AV | 14.00 | 200 | Vertical | Pass |
| 4 | 5261.000 | 103.43 | -3.69 | -- | -- | Peak | 83.00 | 200 | Vertical | N/A |
| 4** | 5261.000 | 95.99 | -3.69 | -- | -- | AV | 83.00 | 200 | Vertical | N/A |
| 5 | 7596.562 | 48.06 | -2.98 | 74.0 | 25.94 | Peak | 164.00 | 100 | Vertical | Pass |
| 5** | 7596.562 | 38.57 | -2.98 | 54.0 | 15.43 | AV | 164.00 | 100 | Vertical | Pass |
| 6 | 12200.588 | 51.36 | 2.41 | 74.0 | 22.64 | Peak | 26.00 | 300 | Vertical | Pass |
| 6** | 12200.588 | 42.94 | 2.41 | 54.0 | 11.06 | AV | 26.00 | 300 | Vertical | Pass |

## 11ac20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.900 | 40.09 | -17.45 | 74.0 | 33.91 | Peak | 22.00 | 200 | Horizontal | Pass |
| 1** | 1328.900 | 30.45 | -17.45 | 54.0 | 23.55 | AV | 22.00 | 200 | Horizontal | Pass |
| 2 | 2719.400 | 44.64 | -10.68 | 74.0 | 29.36 | Peak | 337.00 | 100 | Horizontal | Pass |
| 2** | 2719.400 | 35.65 | -10.68 | 54.0 | 18.35 | AV | 337.00 | 100 | Horizontal | Pass |
| 3 | 4337.600 | 48.55 | -4.73 | 74.0 | 25.45 | Peak | 359.00 | 200 | Horizontal | Pass |
| 3** | 4337.600 | 39.69 | -4.73 | 54.0 | 14.31 | AV | 359.00 | 200 | Horizontal | Pass |
| 4 | 5301.400 | 111.18 | -3.14 | -- | -- | Peak | 305.00 | 300 | Horizontal | N/A |
| 4** | 5301.400 | 102.68 | -3.14 | -- | -- | AV | 305.00 | 300 | Horizontal | N/A |
| 5 | 7435.562 | 48.07 | -2.59 | 74.0 | 25.93 | Peak | 91.00 | 200 | Horizontal | Pass |
| 5** | 7435.562 | 38.39 | -2.59 | 54.0 | 15.61 | AV | 91.00 | 200 | Horizontal | Pass |
| 6 | 11672.738 | 51.30 | 1.92 | 74.0 | 22.70 | Peak | 336.00 | 100 | Horizontal | Pass |
| 6** | 11672.738 | 41.86 | 1.92 | 54.0 | 12.14 | AV | 336.00 | 100 | Horizontal | Pass |

## 11ac20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1385.200 | 38.29 | -17.12 | 74.0 | 35.71 | Peak | 0.00 | 150 | Vertical | Pass |
| 1** | 1385.200 | 29.44 | -17.12 | 54.0 | 24.56 | AV | 0.00 | 150 | Vertical | Pass |
| 2 | 2769.500 | 44.78 | -11.10 | 74.0 | 29.22 | Peak | 217.00 | 100 | Vertical | Pass |
| 2** | 2769.500 | 34.76 | -11.10 | 54.0 | 19.24 | AV | 217.00 | 100 | Vertical | Pass |
| 3 | 4271.600 | 48.83 | -4.59 | 74.0 | 25.17 | Peak | 57.00 | 200 | Vertical | Pass |
| 3** | 4271.600 | 40.20 | -4.59 | 54.0 | 13.80 | AV | 57.00 | 200 | Vertical | Pass |
| 4 | 5301.000 | 103.34 | -3.14 | -- | -- | Peak | 90.00 | 100 | Vertical | N/A |
| 4** | 5301.000 | 95.03 | -3.14 | -- | -- | AV | 90.00 | 100 | Vertical | N/A |
| 5 | 7414.287 | 48.06 | -2.19 | 74.0 | 25.94 | Peak | 0.00 | 200 | Vertical | Pass |
| 5** | 7414.287 | 38.57 | -2.19 | 54.0 | 15.43 | AV | 0.00 | 200 | Vertical | Pass |
| 6 | 12156.026 | 51.19 | 2.19 | 74.0 | 22.81 | Peak | 198.00 | 200 | Vertical | Pass |
| 6** | 12156.026 | 41.99 | 2.19 | 54.0 | 12.01 | AV | 198.00 | 200 | Vertical | Pass |

## 11ac20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.400 | 39.15 | -17.44 | 74.0 | 34.85 | Peak | 354.00 | 300 | Horizontal | Pass |
| 1** | 1327.400 | 32.87 | -17.44 | 54.0 | 21.13 | AV | 354.00 | 300 | Horizontal | Pass |
| 2 | 2871.000 | 45.03 | -10.45 | 74.0 | 28.97 | Peak | 326.00 | 400 | Horizontal | Pass |
| 2** | 2871.000 | 34.84 | -10.45 | 54.0 | 19.16 | AV | 326.00 | 400 | Horizontal | Pass |
| 3 | 4260.200 | 49.39 | -4.40 | 74.0 | 24.61 | Peak | 359.00 | 200 | Horizontal | Pass |
| 3** | 4260.200 | 39.97 | -4.40 | 54.0 | 14.03 | AV | 359.00 | 200 | Horizontal | Pass |
| 4 | 5317.800 | 110.62 | -3.08 | -- | -- | Peak | 305.00 | 400 | Horizontal | N/A |
| 4** | 5317.800 | 103.66 | -3.08 | -- | -- | AV | 305.00 | 400 | Horizontal | N/A |
| 5 | 7514.337 | 47.95 | -2.26 | 74.0 | 26.05 | Peak | 199.00 | 100 | Horizontal | Pass |
| 5** | 7514.337 | 38.27 | -2.26 | 54.0 | 15.73 | AV | 199.00 | 100 | Horizontal | Pass |
| 6 | 12223.588 | 51.28 | 2.43 | 74.0 | 22.72 | Peak | 37.00 | 100 | Horizontal | Pass |
| 6** | 12223.588 | 41.82 | 2.43 | 54.0 | 12.18 | AV | 37.00 | 100 | Horizontal | Pass |

## 11ac20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1199.000 | 39.28 | -17.94 | 74.0 | 34.72 | Peak | 337.00 | 150 | Vertical | Pass |
| 1** | 1199.000 | 29.01 | -17.94 | 54.0 | 24.99 | AV | 337.00 | 150 | Vertical | Pass |
| 2 | 2869.900 | 44.26 | -10.50 | 74.0 | 29.74 | Peak | 270.00 | 300 | Vertical | Pass |
| 2** | 2869.900 | 34.91 | -10.50 | 54.0 | 19.09 | AV | 270.00 | 300 | Vertical | Pass |
| 3 | 4297.200 | 48.88 | -4.53 | 74.0 | 25.12 | Peak | 243.00 | 200 | Vertical | Pass |
| 3** | 4297.200 | 40.23 | -4.53 | 54.0 | 13.77 | AV | 243.00 | 200 | Vertical | Pass |
| 4 | 5321.000 | 101.68 | -3.21 | -- | -- | Peak | 99.00 | 200 | Vertical | N/A |
| 4** | 5321.000 | 94.15 | -3.21 | -- | -- | AV | 99.00 | 200 | Vertical | N/A |
| 5 | 7416.300 | 47.93 | -2.19 | 74.0 | 26.07 | Peak | 68.00 | 150 | Vertical | Pass |
| 5** | 7416.300 | 39.71 | -2.19 | 54.0 | 14.29 | AV | 68.00 | 150 | Vertical | Pass |
| 6 | 12266.424 | 50.91 | 2.32 | 74.0 | 23.09 | Peak | 344.00 | 200 | Vertical | Pass |
| 6** | 12266.424 | 41.73 | 2.32 | 54.0 | 12.27 | AV | 344.00 | 200 | Vertical | Pass |

## 11ac40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.800 | 38.83 | -17.51 | 74.0 | 35.17 | Peak | 213.00 | 100 | Horizontal | Pass |
| 1** | 1329.800 | 29.09 | -17.51 | 54.0 | 24.91 | AV | 213.00 | 100 | Horizontal | Pass |
| 2 | 2824.800 | 44.00 | -10.23 | 74.0 | 30.00 | Peak | 351.00 | 300 | Horizontal | Pass |
| 2** | 2824.800 | 35.04 | -10.23 | 54.0 | 18.96 | AV | 351.00 | 300 | Horizontal | Pass |
| 3 | 4310.800 | 48.43 | -4.65 | 74.0 | 25.57 | Peak | 359.00 | 150 | Horizontal | Pass |
| 3** | 4310.800 | 40.01 | -4.65 | 54.0 | 13.99 | AV | 359.00 | 150 | Horizontal | Pass |
| 4 | 5273.800 | 106.87 | -3.55 | -- | -- | Peak | 31.00 | 300 | Horizontal | N/A |
| 4** | 5273.800 | 98.28 | -3.55 | -- | -- | AV | 31.00 | 300 | Horizontal | N/A |
| 5 | 7565.800 | 47.75 | -2.49 | 74.0 | 26.25 | Peak | 251.00 | 150 | Horizontal | Pass |
| 5** | 7565.800 | 38.47 | -2.49 | 54.0 | 15.53 | AV | 251.00 | 150 | Horizontal | Pass |
| 6 | 12357.562 | 50.98 | 1.46 | 74.0 | 23.02 | Peak | 160.00 | 400 | Horizontal | Pass |
| 6** | 12357.562 | 41.40 | 1.46 | 54.0 | 12.60 | AV | 160.00 | 400 | Horizontal | Pass |

## 11ac40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1333.400 | 46.44 | -17.63 | 74.0 | 27.56 | Peak | 340.00 | 300 | Vertical | Pass |
| 1** | 1333.400 | 33.64 | -17.63 | 54.0 | 20.36 | AV | 340.00 | 300 | Vertical | Pass |
| 2 | 2724.900 | 45.01 | -10.46 | 74.0 | 28.99 | Peak | 80.00 | 200 | Vertical | Pass |
| 2** | 2724.900 | 35.48 | -10.46 | 54.0 | 18.52 | AV | 80.00 | 200 | Vertical | Pass |
| 3 | 4260.400 | 48.85 | -4.39 | 74.0 | 25.15 | Peak | 38.00 | 150 | Vertical | Pass |
| 3** | 4260.400 | 40.41 | -4.39 | 54.0 | 13.59 | AV | 38.00 | 150 | Vertical | Pass |
| 4 | 5274.400 | 101.16 | -3.56 | -- | -- | Peak | 168.00 | 200 | Vertical | N/A |
| 4** | 5274.400 | 92.84 | -3.56 | -- | -- | AV | 168.00 | 200 | Vertical | N/A |
| 5 | 7583.050 | 48.30 | -2.67 | 74.0 | 25.70 | Peak | 354.00 | 200 | Vertical | Pass |
| 5** | 7583.050 | 38.35 | -2.67 | 54.0 | 15.65 | AV | 354.00 | 200 | Vertical | Pass |
| 6 | 12297.475 | 51.02 | 2.29 | 74.0 | 22.98 | Peak | 52.00 | 200 | Vertical | Pass |
| 6** | 12297.475 | 41.26 | 2.29 | 54.0 | 12.74 | AV | 52.00 | 200 | Vertical | Pass |

## 11ac40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.000 | 43.80 | -17.41 | 74.0 | 30.20 | Peak | 225.00 | 100 | Horizontal | Pass |
| 1** | 1328.000 | 30.43 | -17.41 | 54.0 | 23.57 | AV | 225.00 | 100 | Horizontal | Pass |
| 2 | 2753.100 | 44.52 | -10.47 | 74.0 | 29.48 | Peak | 303.00 | 300 | Horizontal | Pass |
| 2** | 2753.100 | 35.49 | -10.47 | 54.0 | 18.51 | AV | 303.00 | 300 | Horizontal | Pass |
| 3 | 4299.600 | 48.82 | -4.52 | 74.0 | 25.18 | Peak | 360.00 | 200 | Horizontal | Pass |
| 3** | 4299.600 | 39.84 | -4.52 | 54.0 | 14.16 | AV | 360.00 | 200 | Horizontal | Pass |
| 4 | 5307.600 | 104.11 | -3.09 | -- | -- | Peak | 32.00 | 300 | Horizontal | N/A |
| 4** | 5307.600 | 96.10 | -3.09 | -- | -- | AV | 32.00 | 300 | Horizontal | N/A |
| 5 | 7582.762 | 48.34 | -2.66 | 74.0 | 25.66 | Peak | 329.00 | 200 | Horizontal | Pass |
| 5** | 7582.762 | 39.38 | -2.66 | 54.0 | 14.62 | AV | 329.00 | 200 | Horizontal | Pass |
| 6 | 12324.787 | 51.59 | 1.92 | 74.0 | 22.41 | Peak | 360.00 | 300 | Horizontal | Pass |
| 6** | 12324.787 | 41.29 | 1.92 | 54.0 | 12.71 | AV | 360.00 | 300 | Horizontal | Pass |

## 11ac40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.400 | 41.08 | -17.44 | 74.0 | 32.92 | Peak | 279.00 | 400 | Vertical | Pass |
| 1** | 1327.400 | 29.60 | -17.44 | 54.0 | 24.40 | AV | 279.00 | 400 | Vertical | Pass |
| 2 | 2812.500 | 44.08 | -10.59 | 74.0 | 29.92 | Peak | 343.00 | 200 | Vertical | Pass |
| 2** | 2812.500 | 34.56 | -10.59 | 54.0 | 19.44 | AV | 343.00 | 200 | Vertical | Pass |
| 3 | 4300.000 | 49.23 | -4.54 | 74.0 | 24.77 | Peak | 147.00 | 200 | Vertical | Pass |
| 3** | 4300.000 | 39.35 | -4.54 | 54.0 | 14.65 | AV | 147.00 | 200 | Vertical | Pass |
| 4 | 5307.800 | 96.13 | -3.09 | -- | -- | Peak | 168.00 | 100 | Vertical | N/A |
| 4** | 5307.800 | 89.09 | -3.09 | -- | -- | AV | 168.00 | 100 | Vertical | N/A |
| 5 | 7362.250 | 47.62 | -2.89 | 74.0 | 26.38 | Peak | 267.00 | 150 | Vertical | Pass |
| 5** | 7362.250 | 38.43 | -2.89 | 54.0 | 15.57 | AV | 267.00 | 150 | Vertical | Pass |
| 6 | 12171.837 | 50.93 | 2.57 | 74.0 | 23.07 | Peak | 0.00 | 400 | Vertical | Pass |
| 6** | 12171.837 | 42.04 | 2.57 | 54.0 | 11.96 | AV | 0.00 | 400 | Vertical | Pass |

## 11ac80, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1333.500 | 41.44 | -17.63 | 74.0 | 32.56 | Peak | 213.00 | 200 | Horizontal | Pass |
| 1** | 1333.500 | 29.13 | -17.63 | 54.0 | 24.87 | AV | 213.00 | 200 | Horizontal | Pass |
| 2 | 2727.600 | 44.18 | -10.36 | 74.0 | 29.82 | Peak | 5.00 | 200 | Horizontal | Pass |
| 2** | 2727.600 | 35.78 | -10.36 | 54.0 | 18.22 | AV | 5.00 | 200 | Horizontal | Pass |
| 3 | 4269.200 | 48.84 | -4.64 | 74.0 | 25.16 | Peak | 258.00 | 150 | Horizontal | Pass |
| 3** | 4269.200 | 39.31 | -4.64 | 54.0 | 14.69 | AV | 258.00 | 150 | Horizontal | Pass |
| 4 | 5297.800 | 99.42 | -3.21 | -- | -- | Peak | 42.00 | 100 | Horizontal | N/A |
| 4** | 5297.800 | 90.69 | -3.21 | -- | -- | AV | 42.00 | 100 | Horizontal | N/A |
| 5 | 7434.700 | 47.79 | -2.58 | 74.0 | 26.21 | Peak | 279.00 | 150 | Horizontal | Pass |
| 5** | 7434.700 | 38.50 | -2.58 | 54.0 | 15.50 | AV | 279.00 | 150 | Horizontal | Pass |
| 6 | 12218.125 | 51.07 | 2.41 | 74.0 | 22.93 | Peak | 2.00 | 200 | Horizontal | Pass |
| 6** | 12218.125 | 42.23 | 2.41 | 54.0 | 11.77 | AV | 2.00 | 200 | Horizontal | Pass |

## 11ac80, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.900 | 42.75 | -17.45 | 74.0 | 31.25 | Peak | 262.00 | 200 | Vertical | Pass |
| 1** | 1328.900 | 28.76 | -17.45 | 54.0 | 25.24 | AV | 262.00 | 200 | Vertical | Pass |
| 2 | 2833.100 | 43.96 | -10.37 | 74.0 | 30.04 | Peak | 262.00 | 400 | Vertical | Pass |
| 2** | 2833.100 | 34.63 | -10.37 | 54.0 | 19.37 | AV | 262.00 | 400 | Vertical | Pass |
| 3 | 4297.400 | 49.06 | -4.52 | 74.0 | 24.94 | Peak | 114.00 | 100 | Vertical | Pass |
| 3** | 4297.400 | 40.47 | -4.52 | 54.0 | 13.53 | AV | 114.00 | 100 | Vertical | Pass |
| 4 | 5295.400 | 91.61 | -3.23 | -- | -- | Peak | 162.00 | 100 | Vertical | N/A |
| 4** | 5295.400 | 83.94 | -3.23 | -- | -- | AV | 162.00 | 100 | Vertical | N/A |
| 5 | 7548.263 | 48.34 | -2.33 | 74.0 | 25.66 | Peak | 339.00 | 200 | Vertical | Pass |
| 5** | 7548.263 | 38.90 | -2.33 | 54.0 | 15.10 | AV | 339.00 | 200 | Vertical | Pass |
| 6 | 12211.512 | 51.05 | 2.39 | 74.0 | 22.95 | Peak | 76.00 | 100 | Vertical | Pass |
| 6** | 12211.512 | 42.76 | 2.39 | 54.0 | 11.24 | AV | 76.00 | 100 | Vertical | Pass |

## 11a, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.200 | 41.49 | -17.47 | 74.0 | 32.51 | Peak | 34.00 | 150 | Horizontal | Pass |
| 1** | 1329.200 | 29.52 | -17.47 | 54.0 | 24.48 | AV | 34.00 | 150 | Horizontal | Pass |
| 2 | 2810.800 | 43.15 | -10.64 | 74.0 | 30.85 | Peak | 162.00 | 150 | Horizontal | Pass |
| 2** | 2810.800 | 34.70 | -10.64 | 54.0 | 19.30 | AV | 162.00 | 150 | Horizontal | Pass |
| 3 | 4280.200 | 48.16 | -4.54 | 74.0 | 25.84 | Peak | 284.00 | 150 | Horizontal | Pass |
| 3** | 4280.200 | 38.50 | -4.54 | 54.0 | 15.50 | AV | 284.00 | 150 | Horizontal | Pass |
| 4 | 5495.800 | 109.34 | -2.68 | -- | -- | Peak | 317.00 | 150 | Horizontal | N/A |
| 4** | 5495.800 | 101.58 | -2.68 | -- | -- | AV | 317.00 | 150 | Horizontal | N/A |
| 5 | 7571.550 | 48.28 | -2.58 | 74.0 | 25.72 | Peak | 344.00 | 150 | Horizontal | Pass |
| 5** | 7571.550 | 38.82 | -2.58 | 54.0 | 15.18 | AV | 344.00 | 150 | Horizontal | Pass |
| 6 | 12212.950 | 51.21 | 2.40 | 74.0 | 22.79 | Peak | 131.00 | 150 | Horizontal | Pass |
| 6** | 12212.950 | 42.14 | 2.40 | 54.0 | 11.86 | AV | 131.00 | 150 | Horizontal | Pass |

## 11a, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1330.300 | 42.41 | -17.54 | 74.0 | 31.59 | Peak | 290.00 | 150 | Vertical | Pass |
| 1** | 1330.300 | 28.86 | -17.54 | 54.0 | 25.14 | AV | 290.00 | 150 | Vertical | Pass |
| 2 | 2862.500 | 43.08 | -10.17 | 74.0 | 30.92 | Peak | 2.00 | 150 | Vertical | Pass |
| 2** | 2862.500 | 34.01 | -10.17 | 54.0 | 19.99 | AV | 2.00 | 150 | Vertical | Pass |
| 3 | 4298.400 | 48.15 | -4.50 | 74.0 | 25.85 | Peak | 133.00 | 150 | Vertical | Pass |
| 3** | 4298.400 | 40.70 | -4.50 | 54.0 | 13.30 | AV | 133.00 | 150 | Vertical | Pass |
| 4 | 5498.600 | 100.23 | -2.70 | -- | -- | Peak | 102.00 | 150 | Vertical | N/A |
| 4** | 5498.600 | 93.13 | -2.70 | -- | -- | AV | 102.00 | 150 | Vertical | N/A |
| 5 | 7445.913 | 48.29 | -2.74 | 74.0 | 25.71 | Peak | 90.00 | 150 | Vertical | Pass |
| 5** | 7445.913 | 39.50 | -2.74 | 54.0 | 14.50 | AV | 90.00 | 150 | Vertical | Pass |
| 6 | 12207.200 | 51.21 | 2.38 | 74.0 | 22.79 | Peak | 334.00 | 150 | Vertical | Pass |
| 6** | 12207.200 | 41.49 | 2.38 | 54.0 | 12.51 | AV | 334.00 | 150 | Vertical | Pass |

## 11a, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1330.200 | 40.05 | -17.54 | 74.0 | 33.95 | Peak | 132.00 | 150 | Horizontal | Pass |
| 1** | 1330.200 | 30.43 | -17.54 | 54.0 | 23.57 | AV | 132.00 | 150 | Horizontal | Pass |
| 2 | 2887.500 | 43.79 | -9.76 | 74.0 | 30.21 | Peak | 99.00 | 150 | Horizontal | Pass |
| 2** | 2887.500 | 34.38 | -9.76 | 54.0 | 19.62 | AV | 99.00 | 150 | Horizontal | Pass |
| 3 | 4631.600 | 48.88 | -4.08 | 74.0 | 25.12 | Peak | 73.00 | 150 | Horizontal | Pass |
| 3** | 4631.600 | 38.76 | -4.08 | 54.0 | 15.24 | AV | 73.00 | 150 | Horizontal | Pass |
| 4 | 5575.200 | 109.14 | -3.12 | -- | -- | Peak | 305.00 | 150 | Horizontal | N/A |
| 4** | 5575.200 | 101.00 | -3.12 | -- | -- | AV | 305.00 | 150 | Horizontal | N/A |
| 5 | 7435.562 | 48.58 | -2.59 | 74.0 | 25.42 | Peak | 101.00 | 150 | Horizontal | Pass |
| 5** | 7435.562 | 38.72 | -2.59 | 54.0 | 15.28 | AV | 101.00 | 150 | Horizontal | Pass |
| 6 | 12235.950 | 51.54 | 2.44 | 74.0 | 22.46 | Peak | 358.00 | 150 | Horizontal | Pass |
| 6** | 12235.950 | 42.32 | 2.44 | 54.0 | 11.68 | AV | 358.00 | 150 | Horizontal | Pass |

## 11a, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1330.300 | 43.26 | -17.54 | 74.0 | 30.74 | Peak | 117.00 | 150 | Vertical | Pass |
| 1** | 1330.300 | 29.95 | -17.54 | 54.0 | 24.05 | AV | 117.00 | 150 | Vertical | Pass |
| 2 | 2820.000 | 42.61 | -10.29 | 74.0 | 31.39 | Peak | 299.00 | 150 | Vertical | Pass |
| 2** | 2820.000 | 33.14 | -10.29 | 54.0 | 20.86 | AV | 299.00 | 150 | Vertical | Pass |
| 3 | 4116.800 | 48.02 | -5.33 | 74.0 | 25.98 | Peak | 132.00 | 150 | Vertical | Pass |
| 3** | 4116.800 | 37.77 | -5.33 | 54.0 | 16.23 | AV | 132.00 | 150 | Vertical | Pass |
| 4 | 5578.800 | 99.64 | -3.26 | -- | -- | Peak | 329.00 | 150 | Vertical | N/A |
| 4** | 5578.800 | 92.62 | -3.26 | -- | -- | AV | 329.00 | 150 | Vertical | N/A |
| 5 | 7564.075 | 47.78 | -2.50 | 74.0 | 26.22 | Peak | 165.00 | 150 | Vertical | Pass |
| 5** | 7564.075 | 38.74 | -2.50 | 54.0 | 15.26 | AV | 165.00 | 150 | Vertical | Pass |
| 6 | 12158.900 | 51.22 | 2.26 | 74.0 | 22.78 | Peak | 240.00 | 150 | Vertical | Pass |
| 6** | 12158.900 | 41.70 | 2.26 | 54.0 | 12.30 | AV | 240.00 | 150 | Vertical | Pass |

## 11a, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1330.900 | 39.63 | -17.57 | 74.0 | 34.37 | Peak | 29.00 | 150 | Horizontal | Pass |
| 1** | 1330.900 | 30.15 | -17.57 | 54.0 | 23.85 | AV | 29.00 | 150 | Horizontal | Pass |
| 2 | 2835.300 | 42.87 | -10.36 | 74.0 | 31.13 | Peak | 137.00 | 150 | Horizontal | Pass |
| 2** | 2835.300 | 33.59 | -10.36 | 54.0 | 20.41 | AV | 137.00 | 150 | Horizontal | Pass |
| 3 | 4577.400 | 48.42 | -4.24 | 74.0 | 25.58 | Peak | 2.00 | 150 | Horizontal | Pass |
| 3** | 4577.400 | 39.29 | -4.24 | 54.0 | 14.71 | AV | 2.00 | 150 | Horizontal | Pass |
| 4 | 5705.200 | 108.30 | -3.73 | -- | -- | Peak | 306.00 | 150 | Horizontal | N/A |
| 4** | 5705.200 | 100.69 | -3.73 | -- | -- | AV | 306.00 | 150 | Horizontal | N/A |
| 5 | 7580.175 | 47.95 | -2.61 | 74.0 | 26.05 | Peak | 210.00 | 150 | Horizontal | Pass |
| 5** | 7580.175 | 38.56 | -2.61 | 54.0 | 15.44 | AV | 210.00 | 150 | Horizontal | Pass |
| 6 | 12180.750 | 50.96 | 2.61 | 74.0 | 23.04 | Peak | 199.00 | 150 | Horizontal | Pass |
| 6** | 12180.750 | 42.28 | 2.61 | 54.0 | 11.72 | AV | 199.00 | 150 | Horizontal | Pass |

## 11a, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.600 | 42.14 | -17.50 | 74.0 | 31.86 | Peak | 124.00 | 150 | Vertical | Pass |
| 1** | 1329.600 | 28.98 | -17.50 | 54.0 | 25.02 | AV | 124.00 | 150 | Vertical | Pass |
| 2 | 2881.100 | 43.70 | -10.12 | 74.0 | 30.30 | Peak | 305.00 | 150 | Vertical | Pass |
| 2** | 2881.100 | 33.67 | -10.12 | 54.0 | 20.33 | AV | 305.00 | 150 | Vertical | Pass |
| 3 | 4591.000 | 48.33 | -4.39 | 74.0 | 25.67 | Peak | 258.00 | 150 | Vertical | Pass |
| 3** | 4591.000 | 39.97 | -4.39 | 54.0 | 14.03 | AV | 258.00 | 150 | Vertical | Pass |
| 4 | 5701.600 | 98.79 | -3.79 | -- | -- | Peak | 330.00 | 150 | Vertical | N/A |
| 4** | 5701.600 | 91.94 | -3.79 | -- | -- | AV | 330.00 | 150 | Vertical | N/A |
| 5 | 7572.412 | 48.20 | -2.59 | 74.0 | 25.80 | Peak | 145.00 | 150 | Vertical | Pass |
| 5** | 7572.412 | 39.08 | -2.59 | 54.0 | 14.92 | AV | 145.00 | 150 | Vertical | Pass |
| 6 | 12228.187 | 51.24 | 2.43 | 74.0 | 22.76 | Peak | 351.00 | 150 | Vertical | Pass |
| 6** | 12228.187 | 42.15 | 2.43 | 54.0 | 11.85 | AV | 351.00 | 150 | Vertical | Pass |

## 11n20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1333.100 | 38.87 | -17.63 | 74.0 | 35.13 | Peak | 44.00 | 150 | Horizontal | Pass |
| 1** | 1333.100 | 28.88 | -17.63 | 54.0 | 25.12 | AV | 44.00 | 150 | Horizontal | Pass |
| 2 | 2749.300 | 43.42 | -10.28 | 74.0 | 30.58 | Peak | 158.00 | 150 | Horizontal | Pass |
| 2** | 2749.300 | 34.65 | -10.28 | 54.0 | 19.35 | AV | 158.00 | 150 | Horizontal | Pass |
| 3 | 4653.200 | 48.20 | -3.98 | 74.0 | 25.80 | Peak | 100.00 | 150 | Horizontal | Pass |
| 3** | 4653.200 | 39.48 | -3.98 | 54.0 | 14.52 | AV | 100.00 | 150 | Horizontal | Pass |
| 4 | 5501.200 | 109.52 | -2.68 | -- | -- | Peak | 313.00 | 150 | Horizontal | N/A |
| 4** | 5501.200 | 102.16 | -2.68 | -- | -- | AV | 313.00 | 150 | Horizontal | N/A |
| 5 | 7593.112 | 47.83 | -2.88 | 74.0 | 26.17 | Peak | 89.00 | 150 | Horizontal | Pass |
| 5** | 7593.112 | 40.01 | -2.88 | 54.0 | 13.99 | AV | 89.00 | 150 | Horizontal | Pass |
| 6 | 12132.163 | 51.12 | 1.85 | 74.0 | 22.88 | Peak | 5.00 | 150 | Horizontal | Pass |
| 6** | 12132.163 | 41.40 | 1.85 | 54.0 | 12.60 | AV | 5.00 | 150 | Horizontal | Pass |

## 11n20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.800 | 42.53 | -17.51 | 74.0 | 31.47 | Peak | 331.00 | 150 | Vertical | Pass |
| 1** | 1329.800 | 34.19 | -17.51 | 54.0 | 19.81 | AV | 331.00 | 150 | Vertical | Pass |
| 2 | 2825.500 | 43.86 | -10.25 | 74.0 | 30.14 | Peak | 70.00 | 150 | Vertical | Pass |
| 2** | 2825.500 | 34.01 | -10.25 | 54.0 | 19.99 | AV | 70.00 | 150 | Vertical | Pass |
| 3 | 4307.200 | 48.40 | -4.54 | 74.0 | 25.60 | Peak | 272.00 | 150 | Vertical | Pass |
| 3** | 4307.200 | 39.83 | -4.54 | 54.0 | 14.17 | AV | 272.00 | 150 | Vertical | Pass |
| 4 | 5501.800 | 99.29 | -2.67 | -- | -- | Peak | 328.00 | 150 | Vertical | N/A |
| 4** | 5501.800 | 92.06 | -2.67 | -- | -- | AV | 328.00 | 150 | Vertical | N/A |
| 5 | 7432.400 | 48.32 | -2.44 | 74.0 | 25.68 | Peak | 174.00 | 150 | Vertical | Pass |
| 5** | 7432.400 | 38.48 | -2.44 | 54.0 | 15.52 | AV | 174.00 | 150 | Vertical | Pass |
| 6 | 12214.100 | 51.20 | 2.40 | 74.0 | 22.80 | Peak | 110.00 | 150 | Vertical | Pass |
| 6** | 12214.100 | 42.43 | 2.40 | 54.0 | 11.57 | AV | 110.00 | 150 | Vertical | Pass |

## 11n20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.000 | 41.65 | -17.46 | 74.0 | 32.35 | Peak | 37.00 | 150 | Horizontal | Pass |
| 1** | 1329.000 | 28.46 | -17.46 | 54.0 | 25.54 | AV | 37.00 | 150 | Horizontal | Pass |
| 2 | 2807.200 | 43.00 | -10.64 | 74.0 | 31.00 | Peak | 285.00 | 150 | Horizontal | Pass |
| 2** | 2807.200 | 33.53 | -10.64 | 54.0 | 20.47 | AV | 285.00 | 150 | Horizontal | Pass |
| 3 | 4283.000 | 48.38 | -4.66 | 74.0 | 25.62 | Peak | 250.00 | 150 | Horizontal | Pass |
| 3** | 4283.000 | 38.13 | -4.66 | 54.0 | 15.87 | AV | 250.00 | 150 | Horizontal | Pass |
| 4 | 5577.800 | 108.75 | -3.26 | -- | -- | Peak | 313.00 | 150 | Horizontal | N/A |
| 4** | 5577.800 | 100.75 | -3.26 | -- | -- | AV | 313.00 | 150 | Horizontal | N/A |
| 5 | 7584.200 | 47.40 | -2.68 | 74.0 | 26.60 | Peak | 292.00 | 150 | Horizontal | Pass |
| 5** | 7584.200 | 39.36 | -2.68 | 54.0 | 14.64 | AV | 292.00 | 150 | Horizontal | Pass |
| 6 | 12162.350 | 51.40 | 2.35 | 74.0 | 22.60 | Peak | 228.00 | 150 | Horizontal | Pass |
| 6** | 12162.350 | 42.17 | 2.35 | 54.0 | 11.83 | AV | 228.00 | 150 | Horizontal | Pass |

## 11n20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1331.800 | 41.67 | -17.60 | 74.0 | 32.33 | Peak | 132.00 | 150 | Vertical | Pass |
| 1** | 1331.800 | 29.66 | -17.60 | 54.0 | 24.34 | AV | 132.00 | 150 | Vertical | Pass |
| 2 | 2818.000 | 42.93 | -10.38 | 74.0 | 31.07 | Peak | 37.00 | 150 | Vertical | Pass |
| 2** | 2818.000 | 33.77 | -10.38 | 54.0 | 20.23 | AV | 37.00 | 150 | Vertical | Pass |
| 3 | 4596.400 | 48.51 | -4.39 | 74.0 | 25.49 | Peak | 359.00 | 150 | Vertical | Pass |
| 3** | 4596.400 | 39.00 | -4.39 | 54.0 | 15.00 | AV | 359.00 | 150 | Vertical | Pass |
| 4 | 5584.200 | 98.53 | -3.19 | -- | -- | Peak | 330.00 | 150 | Vertical | N/A |
| 4** | 5584.200 | 89.64 | -3.19 | -- | -- | AV | 330.00 | 150 | Vertical | N/A |
| 5 | 7428.663 | 48.62 | -2.31 | 74.0 | 25.38 | Peak | 270.00 | 150 | Vertical | Pass |
| 5** | 7428.663 | 39.21 | -2.31 | 54.0 | 14.79 | AV | 270.00 | 150 | Vertical | Pass |
| 6 | 12224.737 | 51.73 | 2.43 | 74.0 | 22.27 | Peak | 122.00 | 150 | Vertical | Pass |
| 6** | 12224.737 | 42.81 | 2.43 | 54.0 | 11.19 | AV | 122.00 | 150 | Vertical | Pass |

## 11n20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.800 | 40.12 | -17.51 | 68.2 | 28.08 | Peak | 31.00 | 400 | Horizontal | Pass |
| 1** | 1329.800 | 32.85 | -17.51 | 54.0 | 21.15 | AV | 31.00 | 400 | Horizontal | Pass |
| 2 | 2837.300 | 42.89 | -10.30 | 68.2 | 25.31 | Peak | 57.00 | 300 | Horizontal | Pass |
| 2** | 2837.300 | 33.85 | -10.30 | 54.0 | 20.15 | AV | 57.00 | 300 | Horizontal | Pass |
| 3 | 4274.000 | 48.05 | -4.58 | 68.2 | 20.15 | Peak | 225.00 | 100 | Horizontal | Pass |
| 3** | 4274.000 | 38.49 | -4.58 | 54.0 | 15.51 | AV | 225.00 | 100 | Horizontal | Pass |
| 4 | 5695.000 | 108.06 | -3.64 | -- | -- | Peak | 359.00 | 200 | Horizontal | N/A |
| 4** | 5695.000 | 99.90 | -3.64 | -- | -- | AV | 359.00 | 200 | Horizontal | N/A |
| 5 | 7569.250 | 48.54 | -2.42 | 68.2 | 19.66 | Peak | 16.00 | 150 | Horizontal | Pass |
| 5** | 7569.250 | 38.89 | -2.42 | 54.0 | 15.11 | AV | 16.00 | 150 | Horizontal | Pass |
| 6 | 12300.637 | 51.18 | 2.28 | 68.2 | 17.02 | Peak | 68.00 | 400 | Horizontal | Pass |
| 6** | 12300.637 | 41.08 | 2.28 | 54.0 | 12.92 | AV | 68.00 | 400 | Horizontal | Pass |

## 11n20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1362.200 | 38.83 | -17.39 | 68.2 | 29.37 | Peak | 277.00 | 150 | Vertical | Pass |
| 1** | 1362.200 | 28.84 | -17.39 | 54.0 | 25.16 | AV | 277.00 | 150 | Vertical | Pass |
| 2 | 2770.600 | 43.04 | -11.06 | 68.2 | 25.16 | Peak | 305.00 | 200 | Vertical | Pass |
| 2** | 2770.600 | 33.86 | -11.06 | 54.0 | 20.14 | AV | 305.00 | 200 | Vertical | Pass |
| 3 | 4273.200 | 48.40 | -4.59 | 68.2 | 19.80 | Peak | 36.00 | 200 | Vertical | Pass |
| 3** | 4273.200 | 39.36 | -4.59 | 54.0 | 14.64 | AV | 36.00 | 200 | Vertical | Pass |
| 4 | 5699.200 | 98.63 | -3.82 | -- | -- | Peak | 328.00 | 100 | Vertical | N/A |
| 4** | 5699.200 | 91.03 | -3.82 | -- | -- | AV | 328.00 | 100 | Vertical | N/A |
| 5 | 7443.038 | 47.90 | -2.69 | 68.2 | 20.30 | Peak | 232.00 | 200 | Vertical | Pass |
| 5** | 7443.038 | 38.67 | -2.69 | 54.0 | 15.33 | AV | 232.00 | 200 | Vertical | Pass |
| 6 | 11675.900 | 51.33 | 1.92 | 68.2 | 16.87 | Peak | 264.00 | 100 | Vertical | Pass |
| 6** | 11675.900 | 40.89 | 1.92 | 54.0 | 13.11 | AV | 264.00 | 100 | Vertical | Pass |

## 11n40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1331.300 | 39.83 | -17.58 | 74.0 | 34.17 | Peak | 66.00 | 200 | Horizontal | Pass |
| 1** | 1331.300 | 30.05 | -17.58 | 54.0 | 23.95 | AV | 66.00 | 200 | Horizontal | Pass |
| 2 | 2745.500 | 44.16 | -10.32 | 74.0 | 29.84 | Peak | 241.00 | 100 | Horizontal | Pass |
| 2** | 2745.500 | 35.43 | -10.32 | 54.0 | 18.57 | AV | 241.00 | 100 | Horizontal | Pass |
| 3 | 4298.800 | 49.00 | -4.50 | 74.0 | 25.00 | Peak | 146.00 | 100 | Horizontal | Pass |
| 3** | 4298.800 | 39.72 | -4.50 | 54.0 | 14.28 | AV | 146.00 | 100 | Horizontal | Pass |
| 4 | 5505.200 | 104.73 | -2.81 | -- | -- | Peak | 43.00 | 400 | Horizontal | N/A |
| 4** | 5505.200 | 97.17 | -2.81 | -- | -- | AV | 43.00 | 400 | Horizontal | N/A |
| 5 | 7566.087 | 47.62 | -2.48 | 74.0 | 26.38 | Peak | 360.00 | 200 | Horizontal | Pass |
| 5** | 7566.087 | 39.20 | -2.48 | 54.0 | 14.80 | AV | 360.00 | 200 | Horizontal | Pass |
| 6 | 12218.700 | 51.14 | 2.41 | 74.0 | 22.86 | Peak | 248.00 | 300 | Horizontal | Pass |
| 6** | 12218.700 | 42.12 | 2.41 | 54.0 | 11.88 | AV | 248.00 | 300 | Horizontal | Pass |

## 11n40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1332.000 | 43.66 | -17.61 | 74.0 | 30.34 | Peak | 330.00 | 100 | Vertical | Pass |
| 1** | 1332.000 | 32.46 | -17.61 | 54.0 | 21.54 | AV | 330.00 | 100 | Vertical | Pass |
| 2 | 2858.200 | 44.30 | -10.23 | 74.0 | 29.70 | Peak | 224.00 | 200 | Vertical | Pass |
| 2** | 2858.200 | 35.48 | -10.23 | 54.0 | 18.52 | AV | 224.00 | 200 | Vertical | Pass |
| 3 | 4298.800 | 48.61 | -4.50 | 74.0 | 25.39 | Peak | 100.00 | 200 | Vertical | Pass |
| 3** | 4298.800 | 40.07 | -4.50 | 54.0 | 13.93 | AV | 100.00 | 200 | Vertical | Pass |
| 4 | 5521.600 | 93.42 | -2.80 | -- | -- | Peak | 194.00 | 200 | Vertical | N/A |
| 4** | 5521.600 | 86.00 | -2.80 | -- | -- | AV | 194.00 | 200 | Vertical | N/A |
| 5 | 7579.600 | 48.22 | -2.59 | 74.0 | 25.78 | Peak | 11.00 | 150 | Vertical | Pass |
| 5** | 7579.600 | 39.51 | -2.59 | 54.0 | 14.49 | AV | 11.00 | 150 | Vertical | Pass |
| 6 | 11636.513 | 51.74 | 2.09 | 74.0 | 22.26 | Peak | 31.00 | 400 | Vertical | Pass |
| 6** | 11636.513 | 41.21 | 2.09 | 54.0 | 12.79 | AV | 31.00 | 400 | Vertical | Pass |

## 11n40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1332.400 | 42.03 | -17.62 | 74.0 | 31.97 | Peak | 223.00 | 400 | Horizontal | Pass |
| 1** | 1332.400 | 32.18 | -17.62 | 54.0 | 21.82 | AV | 223.00 | 400 | Horizontal | Pass |
| 2 | 2747.300 | 44.08 | -10.23 | 74.0 | 29.92 | Peak | 319.00 | 200 | Horizontal | Pass |
| 2** | 2747.300 | 34.74 | -10.23 | 54.0 | 19.26 | AV | 319.00 | 200 | Horizontal | Pass |
| 3 | 4289.600 | 48.93 | -4.59 | 74.0 | 25.07 | Peak | 41.00 | 150 | Horizontal | Pass |
| 3** | 4289.600 | 39.81 | -4.59 | 54.0 | 14.19 | AV | 41.00 | 150 | Horizontal | Pass |
| 4 | 5592.400 | 107.95 | -3.06 | -- | -66.95 | Peak | 41.00 | 200 | Horizontal | N/A |
| 4** | 5592.400 | 100.56 | -3.06 | -- | -100.56 | AV | 41.00 | 200 | Horizontal | N/A |
| 5 | 7411.125 | 48.12 | -2.26 | 74.0 | 25.88 | Peak | 350.00 | 200 | Horizontal | Pass |
| 5** | 7411.125 | 38.57 | -2.26 | 54.0 | 15.43 | AV | 350.00 | 200 | Horizontal | Pass |
| 6 | 12257.800 | 51.14 | 2.45 | 74.0 | 22.86 | Peak | 359.00 | 400 | Horizontal | Pass |
| 6** | 12257.800 | 41.74 | 2.45 | 54.0 | 12.26 | AV | 359.00 | 400 | Horizontal | Pass |

## 11n40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.100 | 42.82 | -17.41 | 74.0 | 31.18 | Peak | 282.00 | 100 | Vertical | Pass |
| 1** | 1328.100 | 28.77 | -17.41 | 54.0 | 25.23 | AV | 282.00 | 100 | Vertical | Pass |
| 2 | 2720.500 | 44.26 | -10.59 | 74.0 | 29.74 | Peak | 310.00 | 300 | Vertical | Pass |
| 2** | 2720.500 | 34.87 | -10.59 | 54.0 | 19.13 | AV | 310.00 | 300 | Vertical | Pass |
| 3 | 4260.200 | 48.65 | -4.40 | 74.0 | 25.35 | Peak | 43.00 | 150 | Vertical | Pass |
| 3** | 4260.200 | 40.39 | -4.40 | 54.0 | 13.61 | AV | 43.00 | 150 | Vertical | Pass |
| 4 | 5586.000 | 95.10 | -3.22 | -- | -- | Peak | 55.00 | 400 | Vertical | N/A |
| 4** | 5586.000 | 87.42 | -3.22 | -- | -- | AV | 55.00 | 400 | Vertical | N/A |
| 5 | 7415.437 | 47.76 | -2.19 | 74.0 | 26.24 | Peak | 21.00 | 200 | Vertical | Pass |
| 5** | 7415.437 | 38.51 | -2.19 | 54.0 | 15.49 | AV | 21.00 | 200 | Vertical | Pass |
| 6 | 12220.137 | 51.19 | 2.42 | 74.0 | 22.81 | Peak | 126.00 | 100 | Vertical | Pass |
| 6** | 12220.137 | 42.25 | 2.42 | 54.0 | 11.75 | AV | 126.00 | 100 | Vertical | Pass |

## 11n40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.300 | 41.30 | -17.41 | 74.0 | 32.70 | Peak | 279.00 | 300 | Horizontal | Pass |
| 1** | 1328.300 | 35.03 | -17.41 | 54.0 | 18.97 | AV | 279.00 | 300 | Horizontal | Pass |
| 2 | 2745.800 | 44.50 | -10.31 | 74.0 | 29.50 | Peak | 348.00 | 100 | Horizontal | Pass |
| 2** | 2745.800 | 35.09 | -10.31 | 54.0 | 18.91 | AV | 348.00 | 100 | Horizontal | Pass |
| 3 | 4318.600 | 48.62 | -4.74 | 74.0 | 25.38 | Peak | 360.00 | 100 | Horizontal | Pass |
| 3** | 4318.600 | 39.57 | -4.74 | 54.0 | 14.43 | AV | 360.00 | 100 | Horizontal | Pass |
| 4 | 5667.800 | 106.90 | -3.51 | -- | -- | Peak | 34.00 | 100 | Horizontal | N/A |
| 4** | 5667.800 | 98.65 | -3.51 | -- | -- | AV | 34.00 | 100 | Horizontal | N/A |
| 5 | 7564.938 | 47.98 | -2.51 | 74.0 | 26.02 | Peak | 353.00 | 150 | Horizontal | Pass |
| 5** | 7564.938 | 38.70 | -2.51 | 54.0 | 15.30 | AV | 353.00 | 150 | Horizontal | Pass |
| 6 | 12230.200 | 51.52 | 2.42 | 74.0 | 22.48 | Peak | 267.00 | 100 | Horizontal | Pass |
| 6** | 12230.200 | 42.02 | 2.42 | 54.0 | 11.98 | AV | 267.00 | 100 | Horizontal | Pass |

## 11n40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1331.400 | 40.30 | -17.59 | 74.0 | 33.70 | Peak | 242.00 | 400 | Vertical | Pass |
| 1** | 1331.400 | 33.55 | -17.59 | 54.0 | 20.45 | AV | 242.00 | 400 | Vertical | Pass |
| 2 | 2797.100 | 44.27 | -10.88 | 74.0 | 29.73 | Peak | 353.00 | 100 | Vertical | Pass |
| 2** | 2797.100 | 34.00 | -10.88 | 54.0 | 20.00 | AV | 353.00 | 100 | Vertical | Pass |
| 3 | 4274.800 | 48.66 | -4.57 | 74.0 | 25.34 | Peak | 15.00 | 200 | Vertical | Pass |
| 3** | 4274.800 | 39.82 | -4.57 | 54.0 | 14.18 | AV | 15.00 | 200 | Vertical | Pass |
| 4 | 5672.600 | 94.01 | -3.53 | -- | -- | Peak | 55.00 | 400 | Vertical | N/A |
| 4** | 5672.600 | 86.76 | -3.53 | -- | -- | AV | 55.00 | 400 | Vertical | N/A |
| 5 | 7425.500 | 47.75 | -2.28 | 74.0 | 26.25 | Peak | 300.00 | 150 | Vertical | Pass |
| 5** | 7425.500 | 38.89 | -2.28 | 54.0 | 15.11 | AV | 300.00 | 150 | Vertical | Pass |
| 6 | 12273.037 | 51.23 | 2.24 | 74.0 | 22.77 | Peak | 160.00 | 100 | Vertical | Pass |
| 6** | 12273.037 | 41.54 | 2.24 | 54.0 | 12.46 | AV | 160.00 | 100 | Vertical | Pass |

## 11ac20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.800 | 42.95 | -17.44 | 74.0 | 31.05 | Peak | 188.00 | 400 | Horizontal | Pass |
| 1** | 1328.800 | 33.15 | -17.44 | 54.0 | 20.85 | AV | 188.00 | 400 | Horizontal | Pass |
| 2 | 2803.700 | 44.25 | -10.65 | 74.0 | 29.75 | Peak | 140.00 | 400 | Horizontal | Pass |
| 2** | 2803.700 | 35.28 | -10.65 | 54.0 | 18.72 | AV | 140.00 | 400 | Horizontal | Pass |
| 3 | 4315.200 | 48.66 | -4.76 | 74.0 | 25.34 | Peak | 95.00 | 200 | Horizontal | Pass |
| 3** | 4315.200 | 40.03 | -4.76 | 54.0 | 13.97 | AV | 95.00 | 200 | Horizontal | Pass |
| 4 | 5498.000 | 112.02 | -2.68 | -- | -- | Peak | 310.00 | 300 | Horizontal | N/A |
| 4** | 5498.000 | 103.89 | -2.68 | -- | -- | AV | 310.00 | 300 | Horizontal | N/A |
| 5 | 7469.200 | 48.01 | -2.64 | 74.0 | 25.99 | Peak | 75.00 | 150 | Horizontal | Pass |
| 5** | 7469.200 | 38.55 | -2.64 | 54.0 | 15.45 | AV | 75.00 | 150 | Horizontal | Pass |
| 6 | 12194.550 | 51.61 | 2.44 | 74.0 | 22.39 | Peak | 5.00 | 400 | Horizontal | Pass |
| 6** | 12194.550 | 41.94 | 2.44 | 54.0 | 12.06 | AV | 5.00 | 400 | Horizontal | Pass |

## 11ac20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1499.800 | 40.29 | -17.46 | 74.0 | 33.71 | Peak | 163.00 | 150 | Vertical | Pass |
| 1** | 1499.800 | 28.89 | -17.46 | 54.0 | 25.11 | AV | 163.00 | 150 | Vertical | Pass |
| 2 | 2748.900 | 44.65 | -10.26 | 74.0 | 29.35 | Peak | 1.00 | 200 | Vertical | Pass |
| 2** | 2748.900 | 35.19 | -10.26 | 54.0 | 18.81 | AV | 1.00 | 200 | Vertical | Pass |
| 3 | 4327.800 | 49.11 | -4.72 | 74.0 | 24.89 | Peak | 70.00 | 200 | Vertical | Pass |
| 3** | 4327.800 | 38.86 | -4.72 | 54.0 | 15.14 | AV | 70.00 | 200 | Vertical | Pass |
| 4 | 5498.400 | 100.26 | -2.69 | -- | -- | Peak | 330.00 | 300 | Vertical | N/A |
| 4** | 5498.400 | 93.04 | -2.69 | -- | -- | AV | 330.00 | 300 | Vertical | N/A |
| 5 | 7510.312 | 48.25 | -2.28 | 74.0 | 25.75 | Peak | 356.00 | 100 | Vertical | Pass |
| 5** | 7510.312 | 38.37 | -2.28 | 54.0 | 15.63 | AV | 356.00 | 100 | Vertical | Pass |
| 6 | 11638.237 | 51.31 | 2.08 | 74.0 | 22.69 | Peak | 153.00 | 400 | Vertical | Pass |
| 6** | 11638.237 | 41.79 | 2.08 | 54.0 | 12.21 | AV | 153.00 | 400 | Vertical | Pass |

## 11ac20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.300 | 42.65 | -17.45 | 74.0 | 31.35 | Peak | 173.00 | 200 | Horizontal | Pass |
| 1** | 1327.300 | 31.92 | -17.45 | 54.0 | 22.08 | AV | 173.00 | 200 | Horizontal | Pass |
| 2 | 2863.700 | 44.19 | -10.26 | 74.0 | 29.81 | Peak | 328.00 | 300 | Horizontal | Pass |
| 2** | 2863.700 | 35.19 | -10.26 | 54.0 | 18.81 | AV | 328.00 | 300 | Horizontal | Pass |
| 3 | 4299.800 | 48.82 | -4.53 | 74.0 | 25.18 | Peak | 186.00 | 200 | Horizontal | Pass |
| 3** | 4299.800 | 40.44 | -4.53 | 54.0 | 13.56 | AV | 186.00 | 200 | Horizontal | Pass |
| 4 | 5578.000 | 111.07 | -3.27 | -- | -- | Peak | 306.00 | 100 | Horizontal | N/A |
| 4** | 5578.000 | 103.07 | -3.27 | -- | -- | AV | 306.00 | 100 | Horizontal | N/A |
| 5 | 7416.587 | 47.87 | -2.20 | 74.0 | 26.13 | Peak | 154.00 | 150 | Horizontal | Pass |
| 5** | 7416.587 | 38.96 | -2.20 | 54.0 | 15.04 | AV | 154.00 | 150 | Horizontal | Pass |
| 6 | 12176.437 | 51.33 | 2.64 | 74.0 | 22.67 | Peak | 315.00 | 200 | Horizontal | Pass |
| 6** | 12176.437 | 42.30 | 2.64 | 54.0 | 11.70 | AV | 315.00 | 200 | Horizontal | Pass |

## 11ac20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1360.600 | 40.23 | -17.28 | 74.0 | 33.77 | Peak | 284.00 | 150 | Vertical | Pass |
| 1** | 1360.600 | 32.23 | -17.28 | 54.0 | 21.77 | AV | 284.00 | 150 | Vertical | Pass |
| 2 | 2813.400 | 44.07 | -10.54 | 74.0 | 29.93 | Peak | 142.00 | 400 | Vertical | Pass |
| 2** | 2813.400 | 34.94 | -10.54 | 54.0 | 19.06 | AV | 142.00 | 400 | Vertical | Pass |
| 3 | 4285.600 | 49.20 | -4.67 | 74.0 | 24.80 | Peak | 173.00 | 150 | Vertical | Pass |
| 3** | 4285.600 | 39.74 | -4.67 | 54.0 | 14.26 | AV | 173.00 | 150 | Vertical | Pass |
| 4 | 5577.400 | 98.97 | -3.23 | -- | -- | Peak | 323.00 | 100 | Vertical | N/A |
| 4** | 5577.400 | 90.35 | -3.23 | -- | -- | AV | 323.00 | 100 | Vertical | N/A |
| 5 | 7585.925 | 49.07 | -2.72 | 74.0 | 24.93 | Peak | 334.00 | 100 | Vertical | Pass |
| 5** | 7585.925 | 38.43 | -2.72 | 54.0 | 15.57 | AV | 334.00 | 100 | Vertical | Pass |
| 6 | 11693.438 | 51.39 | 1.60 | 74.0 | 22.61 | Peak | 68.00 | 300 | Vertical | Pass |
| 6** | 11693.438 | 41.86 | 1.60 | 54.0 | 12.14 | AV | 68.00 | 300 | Vertical | Pass |

## 11ac20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1333.000 | 42.98 | -17.63 | 74.0 | 31.02 | Peak | 290.00 | 200 | Horizontal | Pass |
| 1** | 1333.000 | 30.26 | -17.63 | 54.0 | 23.74 | AV | 290.00 | 200 | Horizontal | Pass |
| 2 | 2726.200 | 44.41 | -10.35 | 74.0 | 29.59 | Peak | 290.00 | 300 | Horizontal | Pass |
| 2** | 2726.200 | 35.54 | -10.35 | 54.0 | 18.46 | AV | 290.00 | 300 | Horizontal | Pass |
| 3 | 4335.600 | 48.49 | -4.70 | 74.0 | 25.51 | Peak | 134.00 | 100 | Horizontal | Pass |
| 3** | 4335.600 | 39.22 | -4.70 | 54.0 | 14.78 | AV | 134.00 | 100 | Horizontal | Pass |
| 4 | 5698.000 | 110.26 | -3.70 | -- | -- | Peak | 306.00 | 300 | Horizontal | N/A |
| 4** | 5698.000 | 102.66 | -3.70 | -- | -- | AV | 306.00 | 300 | Horizontal | N/A |
| 5 | 7553.150 | 48.36 | -2.44 | 74.0 | 25.64 | Peak | 196.00 | 150 | Horizontal | Pass |
| 5** | 7553.150 | 39.39 | -2.44 | 54.0 | 14.61 | AV | 196.00 | 150 | Horizontal | Pass |
| 6 | 12217.838 | 51.18 | 2.41 | 74.0 | 22.82 | Peak | 227.00 | 100 | Horizontal | Pass |
| 6** | 12217.838 | 42.00 | 2.41 | 54.0 | 12.00 | AV | 227.00 | 100 | Horizontal | Pass |

## 11ac20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1194.800 | 40.66 | -17.96 | 74.0 | 33.34 | Peak | 272.00 | 150 | Vertical | Pass |
| 1** | 1194.800 | 30.98 | -17.96 | 54.0 | 23.02 | AV | 272.00 | 150 | Vertical | Pass |
| 2 | 2747.400 | 44.46 | -10.22 | 74.0 | 29.54 | Peak | 219.00 | 400 | Vertical | Pass |
| 2** | 2747.400 | 35.20 | -10.22 | 54.0 | 18.80 | AV | 219.00 | 400 | Vertical | Pass |
| 3 | 4307.000 | 48.84 | -4.54 | 74.0 | 25.16 | Peak | 250.00 | 100 | Vertical | Pass |
| 3** | 4307.000 | 39.51 | -4.54 | 54.0 | 14.49 | AV | 250.00 | 100 | Vertical | Pass |
| 4 | 5701.200 | 99.51 | -3.80 | -- | -- | Peak | 330.00 | 200 | Vertical | N/A |
| 4** | 5701.200 | 92.49 | -3.80 | -- | -- | AV | 330.00 | 200 | Vertical | N/A |
| 5 | 7570.975 | 47.76 | -2.55 | 74.0 | 26.24 | Peak | 26.00 | 150 | Vertical | Pass |
| 5** | 7570.975 | 38.60 | -2.55 | 54.0 | 15.40 | AV | 26.00 | 150 | Vertical | Pass |
| 6 | 12286.550 | 51.38 | 2.24 | 74.0 | 22.62 | Peak | 351.00 | 300 | Vertical | Pass |
| 6** | 12286.550 | 42.35 | 2.24 | 54.0 | 11.65 | AV | 351.00 | 300 | Vertical | Pass |

## 11ac40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.100 | 42.51 | -17.46 | 74.0 | 31.49 | Peak | 236.00 | 100 | Horizontal | Pass |
| 1** | 1329.100 | 30.66 | -17.46 | 54.0 | 23.34 | AV | 236.00 | 100 | Horizontal | Pass |
| 2 | 2837.700 | 44.15 | -10.34 | 74.0 | 29.85 | Peak | 168.00 | 300 | Horizontal | Pass |
| 2** | 2837.700 | 34.83 | -10.34 | 54.0 | 19.17 | AV | 168.00 | 300 | Horizontal | Pass |
| 3 | 4281.600 | 49.15 | -4.56 | 74.0 | 24.85 | Peak | 1.00 | 150 | Horizontal | Pass |
| 3** | 4281.600 | 39.33 | -4.56 | 54.0 | 14.67 | AV | 1.00 | 150 | Horizontal | Pass |
| 4 | 5507.800 | 105.49 | -2.85 | -- | -- | Peak | 43.00 | 400 | Horizontal | N/A |
| 4** | 5507.800 | 97.14 | -2.85 | -- | -- | AV | 43.00 | 400 | Horizontal | N/A |
| 5 | 7434.700 | 48.47 | -2.58 | 74.0 | 25.53 | Peak | 184.00 | 200 | Horizontal | Pass |
| 5** | 7434.700 | 38.63 | -2.58 | 54.0 | 15.37 | AV | 184.00 | 200 | Horizontal | Pass |
| 6 | 12224.451 | 51.44 | 2.43 | 74.0 | 22.56 | Peak | 10.00 | 200 | Horizontal | Pass |
| 6** | 12224.451 | 42.09 | 2.43 | 54.0 | 11.91 | AV | 10.00 | 200 | Horizontal | Pass |

## 11ac40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1326.900 | 45.19 | -17.47 | 74.0 | 28.81 | Peak | 330.00 | 400 | Vertical | Pass |
| 1** | 1326.900 | 29.77 | -17.47 | 54.0 | 24.23 | AV | 330.00 | 400 | Vertical | Pass |
| 2 | 2849.400 | 44.24 | -10.60 | 74.0 | 29.76 | Peak | 339.00 | 400 | Vertical | Pass |
| 2** | 2849.400 | 34.58 | -10.60 | 54.0 | 19.42 | AV | 339.00 | 400 | Vertical | Pass |
| 3 | 4259.200 | 49.71 | -4.44 | 74.0 | 24.29 | Peak | 143.00 | 200 | Vertical | Pass |
| 3** | 4259.200 | 40.09 | -4.44 | 54.0 | 13.91 | AV | 143.00 | 200 | Vertical | Pass |
| 4 | 5521.600 | 93.52 | -2.80 | -- | -- | Peak | 54.00 | 100 | Vertical | N/A |
| 4** | 5521.600 | 86.00 | -2.80 | -- | -- | AV | 54.00 | 100 | Vertical | N/A |
| 5 | 7599.150 | 47.41 | -3.00 | 74.0 | 26.59 | Peak | 95.00 | 200 | Vertical | Pass |
| 5** | 7599.150 | 38.46 | -3.00 | 54.0 | 15.54 | AV | 95.00 | 200 | Vertical | Pass |
| 6 | 11624.724 | 51.29 | 2.01 | 74.0 | 22.71 | Peak | 360.00 | 400 | Vertical | Pass |
| 6** | 11624.724 | 41.34 | 2.01 | 54.0 | 12.66 | AV | 360.00 | 400 | Vertical | Pass |

## 11ac40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1331.200 | 40.95 | -17.58 | 74.0 | 33.05 | Peak | 66.00 | 300 | Horizontal | Pass |
| 1** | 1331.200 | 28.94 | -17.58 | 54.0 | 25.06 | AV | 66.00 | 300 | Horizontal | Pass |
| 2 | 2855.400 | 44.54 | -10.28 | 74.0 | 29.46 | Peak | 355.00 | 400 | Horizontal | Pass |
| 2** | 2855.400 | 35.43 | -10.28 | 54.0 | 18.57 | AV | 355.00 | 400 | Horizontal | Pass |
| 3 | 4287.400 | 48.97 | -4.61 | 74.0 | 25.03 | Peak | 0.00 | 200 | Horizontal | Pass |
| 3** | 4287.400 | 39.83 | -4.61 | 54.0 | 14.17 | AV | 0.00 | 200 | Horizontal | Pass |
| 4 | 5592.000 | 107.39 | -3.07 | -- | -65.39 | Peak | 42.00 | 200 | Horizontal | N/A |
| 4** | 5592.000 | 100.24 | -3.07 | -- | -100.24 | AV | 42.00 | 200 | Horizontal | N/A |
| 5 | 7570.400 | 47.88 | -2.51 | 74.0 | 26.12 | Peak | 360.00 | 150 | Horizontal | Pass |
| 5** | 7570.400 | 38.85 | -2.51 | 54.0 | 15.15 | AV | 360.00 | 150 | Horizontal | Pass |
| 6 | 12260.100 | 51.66 | 2.42 | 74.0 | 22.34 | Peak | 262.00 | 300 | Horizontal | Pass |
| 6** | 12260.100 | 43.47 | 2.42 | 54.0 | 10.53 | AV | 262.00 | 300 | Horizontal | Pass |

## 11ac40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.500 | 43.44 | -17.49 | 74.0 | 30.56 | Peak | 264.00 | 300 | Vertical | Pass |
| 1** | 1329.500 | 31.19 | -17.49 | 54.0 | 22.81 | AV | 264.00 | 300 | Vertical | Pass |
| 2 | 2747.700 | 44.51 | -10.21 | 74.0 | 29.49 | Peak | 205.00 | 300 | Vertical | Pass |
| 2** | 2747.700 | 35.67 | -10.21 | 54.0 | 18.33 | AV | 205.00 | 300 | Vertical | Pass |
| 3 | 4292.400 | 49.21 | -4.62 | 74.0 | 24.79 | Peak | 181.00 | 200 | Vertical | Pass |
| 3** | 4292.400 | 39.67 | -4.62 | 54.0 | 14.33 | AV | 181.00 | 200 | Vertical | Pass |
| 4 | 5595.200 | 95.23 | -3.01 | -- | -41.23 | Peak | 54.00 | 300 | Vertical | N/A |
| 4** | 5595.200 | 87.47 | -3.01 | -- | -87.47 | AV | 54.00 | 300 | Vertical | N/A |
| 5 | 7566.663 | 48.64 | -2.46 | 74.0 | 25.36 | Peak | 278.00 | 100 | Vertical | Pass |
| 5** | 7566.663 | 40.51 | -2.46 | 54.0 | 13.49 | AV | 278.00 | 100 | Vertical | Pass |
| 6 | 11677.912 | 51.92 | 1.90 | 74.0 | 22.08 | Peak | 0.00 | 100 | Vertical | Pass |
| 6** | 11677.912 | 41.60 | 1.90 | 54.0 | 12.40 | AV | 0.00 | 100 | Vertical | Pass |

11ac40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1330.400 | 39.86 | -17.55 | 74.0 | 34.14 | Peak | 223.00 | 400 | Horizontal | Pass |
| 1** | 1330.400 | 29.92 | -17.55 | 54.0 | 24.08 | AV | 223.00 | 400 | Horizontal | Pass |
| 2 | 2837.400 | 44.58 | -10.31 | 74.0 | 29.42 | Peak | 0.00 | 100 | Horizontal | Pass |
| 2** | 2837.400 | 34.83 | -10.31 | 54.0 | 19.17 | AV | 0.00 | 100 | Horizontal | Pass |
| 3 | 4269.400 | 49.36 | -4.64 | 74.0 | 24.64 | Peak | 100.00 | 150 | Horizontal | Pass |
| 3** | 4269.400 | 39.01 | -4.64 | 54.0 | 14.99 | AV | 100.00 | 150 | Horizontal | Pass |
| 4 | 5672.800 | 106.55 | -3.54 | -- | -- | Peak | 43.00 | 200 | Horizontal | N/A |
| 4** | 5672.800 | 99.10 | -3.54 | -- | -- | AV | 43.00 | 200 | Horizontal | N/A |
| 5 | 7575.862 | 47.92 | -2.50 | 74.0 | 26.08 | Peak | 253.00 | 150 | Horizontal | Pass |
| 5** | 7575.862 | 39.07 | -2.50 | 54.0 | 14.93 | AV | 253.00 | 150 | Horizontal | Pass |
| 6 | 12375.099 | 51.76 | 1.28 | 74.0 | 22.24 | Peak | 0.00 | 100 | Horizontal | Pass |
| 6** | 12375.099 | 41.01 | 1.28 | 54.0 | 12.99 | AV | 0.00 | 100 | Horizontal | Pass |

11ac40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1333.800 | 42.01 | -17.63 | 74.0 | 31.99 | Peak | 270.00 | 100 | Vertical | Pass |
| 1** | 1333.800 | 28.55 | -17.63 | 54.0 | 25.45 | AV | 270.00 | 100 | Vertical | Pass |
| 2 | 2747.400 | 44.31 | -10.22 | 74.0 | 29.69 | Peak | 326.00 | 300 | Vertical | Pass |
| 2** | 2747.400 | 35.37 | -10.22 | 54.0 | 18.63 | AV | 326.00 | 300 | Vertical | Pass |
| 3 | 4224.600 | 49.29 | -4.34 | 74.0 | 24.71 | Peak | 4.00 | 150 | Vertical | Pass |
| 3** | 4224.600 | 39.36 | -4.34 | 54.0 | 14.64 | AV | 4.00 | 150 | Vertical | Pass |
| 4 | 5667.000 | 94.24 | -3.49 | -- | -- | Peak | 55.00 | 300 | Vertical | N/A |
| 4** | 5667.000 | 86.79 | -3.49 | -- | -- | AV | 55.00 | 300 | Vertical | N/A |
| 5 | 7581.325 | 48.37 | -2.64 | 74.0 | 25.63 | Peak | 349.00 | 150 | Vertical | Pass |
| 5** | 7581.325 | 39.31 | -2.64 | 54.0 | 14.69 | AV | 349.00 | 150 | Vertical | Pass |
| 6 | 12354.400 | 51.24 | 1.51 | 74.0 | 22.76 | Peak | 315.00 | 200 | Vertical | Pass |
| 6** | 12354.400 | 41.56 | 1.51 | 54.0 | 12.44 | AV | 315.00 | 200 | Vertical | Pass |

## 11ac80, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.700 | 42.88 | -17.43 | 74.0 | 31.12 | Peak | 282.00 | 300 | Horizontal | Pass |
| 1** | 1327.700 | 28.96 | -17.43 | 54.0 | 25.04 | AV | 282.00 | 300 | Horizontal | Pass |
| 2 | 2856.900 | 44.39 | -10.24 | 74.0 | 29.61 | Peak | 14.00 | 200 | Horizontal | Pass |
| 2** | 2856.900 | 34.88 | -10.24 | 54.0 | 19.12 | AV | 14.00 | 200 | Horizontal | Pass |
| 3 | 4314.200 | 48.76 | -4.74 | 74.0 | 25.24 | Peak | 97.00 | 100 | Horizontal | Pass |
| 3** | 4314.200 | 39.51 | -4.74 | 54.0 | 14.49 | AV | 97.00 | 100 | Horizontal | Pass |
| 4 | 5524.400 | 100.18 | -2.86 | -- | -- | Peak | 40.00 | 400 | Horizontal | N/A |
| 4** | 5524.400 | 91.58 | -2.86 | -- | -- | AV | 40.00 | 400 | Horizontal | N/A |
| 5 | 7564.362 | 48.69 | -2.51 | 74.0 | 25.31 | Peak | 331.00 | 150 | Horizontal | Pass |
| 5** | 7564.362 | 39.14 | -2.51 | 54.0 | 14.86 | AV | 331.00 | 150 | Horizontal | Pass |
| 6 | 12171.837 | 51.31 | 2.57 | 74.0 | 22.69 | Peak | 146.00 | 100 | Horizontal | Pass |
| 6** | 12171.837 | 42.03 | 2.57 | 54.0 | 11.97 | AV | 146.00 | 100 | Horizontal | Pass |

## 11ac80, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1330.100 | 40.93 | -17.53 | 74.0 | 33.07 | Peak | 242.00 | 400 | Vertical | Pass |
| 1** | 1330.100 | 28.70 | -17.53 | 54.0 | 25.30 | AV | 242.00 | 400 | Vertical | Pass |
| 2 | 2740.600 | 44.47 | -10.41 | 74.0 | 29.53 | Peak | 291.00 | 300 | Vertical | Pass |
| 2** | 2740.600 | 35.29 | -10.41 | 54.0 | 18.71 | AV | 291.00 | 300 | Vertical | Pass |
| 3 | 4296.200 | 49.04 | -4.51 | 74.0 | 24.96 | Peak | 342.00 | 200 | Vertical | Pass |
| 3** | 4296.200 | 39.84 | -4.51 | 54.0 | 14.16 | AV | 342.00 | 200 | Vertical | Pass |
| 4 | 5522.800 | 88.68 | -2.83 | -- | -- | Peak | 192.00 | 100 | Vertical | N/A |
| 4** | 5522.800 | 81.12 | -2.83 | -- | -- | AV | 192.00 | 100 | Vertical | N/A |
| 5 | 7561.487 | 48.28 | -2.41 | 74.0 | 25.72 | Peak | 331.00 | 200 | Vertical | Pass |
| 5** | 7561.487 | 38.92 | -2.41 | 54.0 | 15.08 | AV | 331.00 | 200 | Vertical | Pass |
| 6 | 12216.688 | 51.55 | 2.41 | 74.0 | 22.45 | Peak | 129.00 | 300 | Vertical | Pass |
| 6** | 12216.688 | 42.66 | 2.41 | 54.0 | 11.34 | AV | 129.00 | 300 | Vertical | Pass |

## 11ac80, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1330.800 | 45.98 | -17.56 | 74.0 | 28.02 | Peak | 223.00 | 400 | Horizontal | Pass |
| 1** | 1330.800 | 30.96 | -17.56 | 54.0 | 23.04 | AV | 223.00 | 400 | Horizontal | Pass |
| 2 | 2746.400 | 45.53 | -10.28 | 74.0 | 28.47 | Peak | 260.00 | 300 | Horizontal | Pass |
| 2** | 2746.400 | 35.23 | -10.28 | 54.0 | 18.77 | AV | 260.00 | 300 | Horizontal | Pass |
| 3 | 4318.600 | 49.20 | -4.74 | 74.0 | 24.80 | Peak | 11.00 | 100 | Horizontal | Pass |
| 3** | 4318.600 | 40.00 | -4.74 | 54.0 | 14.00 | AV | 11.00 | 100 | Horizontal | Pass |
| 4 | 5612.000 | 104.59 | -2.89 | -- | -- | Peak | 34.00 | 200 | Horizontal | N/A |
| 4** | 5612.000 | 95.91 | -2.89 | -- | -- | AV | 34.00 | 200 | Horizontal | N/A |
| 5 | 7577.587 | 48.73 | -2.55 | 74.0 | 25.27 | Peak | 0.00 | 150 | Horizontal | Pass |
| 5** | 7577.587 | 38.87 | -2.55 | 54.0 | 15.13 | AV | 0.00 | 150 | Horizontal | Pass |
| 6 | 11692.000 | 51.50 | 1.64 | 74.0 | 22.50 | Peak | 53.00 | 400 | Horizontal | Pass |
| 6** | 11692.000 | 41.69 | 1.64 | 54.0 | 12.31 | AV | 53.00 | 400 | Horizontal | Pass |

## 11ac80, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.100 | 44.97 | -17.46 | 74.0 | 29.03 | Peak | 272.00 | 200 | Vertical | Pass |
| 1** | 1329.100 | 30.01 | -17.46 | 54.0 | 23.99 | AV | 272.00 | 200 | Vertical | Pass |
| 2 | 2839.700 | 44.44 | -10.49 | 74.0 | 29.56 | Peak | 204.00 | 100 | Vertical | Pass |
| 2** | 2839.700 | 34.67 | -10.49 | 54.0 | 19.33 | AV | 204.00 | 100 | Vertical | Pass |
| 3 | 4281.200 | 49.69 | -4.55 | 74.0 | 24.31 | Peak | 43.00 | 150 | Vertical | Pass |
| 3** | 4281.200 | 40.18 | -4.55 | 54.0 | 13.82 | AV | 43.00 | 150 | Vertical | Pass |
| 4 | 5619.600 | 92.33 | -2.87 | -- | -- | Peak | 55.00 | 200 | Vertical | N/A |
| 4** | 5619.600 | 84.96 | -2.87 | -- | -- | AV | 55.00 | 200 | Vertical | N/A |
| 5 | 7564.650 | 48.32 | -2.51 | 74.0 | 25.68 | Peak | 251.00 | 150 | Vertical | Pass |
| 5** | 7564.650 | 38.72 | -2.51 | 54.0 | 15.28 | AV | 251.00 | 150 | Vertical | Pass |
| 6 | 12215.250 | 51.52 | 2.41 | 74.0 | 22.48 | Peak | 329.00 | 100 | Vertical | Pass |
| 6** | 12215.250 | 42.06 | 2.41 | 54.0 | 11.94 | AV | 329.00 | 100 | Vertical | Pass |

## 11a, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.400 | 42.61 | -17.42 | 74.0 | 31.39 | Peak | 337.00 | 300 | Horizontal | Pass |
| 1** | 1328.400 | 30.64 | -17.42 | 54.0 | 23.36 | AV | 337.00 | 300 | Horizontal | Pass |
| 2 | 2863.800 | 44.46 | -10.27 | 74.0 | 29.54 | Peak | 290.00 | 100 | Horizontal | Pass |
| 2** | 2863.800 | 34.72 | -10.27 | 54.0 | 19.28 | AV | 290.00 | 100 | Horizontal | Pass |
| 3 | 4318.000 | 48.66 | -4.74 | 74.0 | 25.34 | Peak | 1.00 | 150 | Horizontal | Pass |
| 3** | 4318.000 | 39.71 | -4.74 | 54.0 | 14.29 | AV | 1.00 | 150 | Horizontal | Pass |
| 4 | 5743.600 | 111.45 | -3.52 | -- | -- | Peak | 306.00 | 100 | Horizontal | N/A |
| 4** | 5743.600 | 104.55 | -3.52 | -- | -- | AV | 306.00 | 100 | Horizontal | N/A |
| 5 | 7549.700 | 47.97 | -2.30 | 74.0 | 26.03 | Peak | 214.00 | 150 | Horizontal | Pass |
| 5** | 7549.700 | 39.36 | -2.30 | 54.0 | 14.64 | AV | 214.00 | 150 | Horizontal | Pass |
| 6 | 12206.913 | 50.96 | 2.38 | 74.0 | 23.04 | Peak | 260.00 | 200 | Horizontal | Pass |
| 6** | 12206.913 | 41.62 | 2.38 | 54.0 | 12.38 | AV | 260.00 | 200 | Horizontal | Pass |

## 11a, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.900 | 43.14 | -17.42 | 74.0 | 30.86 | Peak | 327.00 | 200 | Vertical | Pass |
| 1** | 1327.900 | 29.55 | -17.42 | 54.0 | 24.45 | AV | 327.00 | 200 | Vertical | Pass |
| 2 | 2728.200 | 44.68 | -10.38 | 74.0 | 29.32 | Peak | 11.00 | 100 | Vertical | Pass |
| 2** | 2728.200 | 34.95 | -10.38 | 54.0 | 19.05 | AV | 11.00 | 100 | Vertical | Pass |
| 3 | 4174.000 | 48.69 | -4.70 | 74.0 | 25.31 | Peak | 352.00 | 200 | Vertical | Pass |
| 3** | 4174.000 | 39.61 | -4.70 | 54.0 | 14.39 | AV | 352.00 | 200 | Vertical | Pass |
| 4 | 5742.600 | 100.93 | -3.49 | -- | -- | Peak | 329.00 | 400 | Vertical | N/A |
| 4** | 5742.600 | 93.54 | -3.49 | -- | -- | AV | 329.00 | 400 | Vertical | N/A |
| 5 | 7429.525 | 47.81 | -2.31 | 74.0 | 26.19 | Peak | 173.00 | 200 | Vertical | Pass |
| 5** | 7429.525 | 39.50 | -2.31 | 54.0 | 14.50 | AV | 173.00 | 200 | Vertical | Pass |
| 6 | 11694.012 | 51.29 | 1.59 | 74.0 | 22.71 | Peak | 4.00 | 400 | Vertical | Pass |
| 6** | 11694.012 | 42.05 | 1.59 | 54.0 | 11.95 | AV | 4.00 | 400 | Vertical | Pass |

## 11a, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.600 | 40.98 | -17.43 | 74.0 | 33.02 | Peak | 308.00 | 200 | Horizontal | Pass |
| 1** | 1327.600 | 33.23 | -17.43 | 54.0 | 20.77 | AV | 308.00 | 200 | Horizontal | Pass |
| 2 | 2730.700 | 44.09 | -10.26 | 74.0 | 29.91 | Peak | 57.00 | 100 | Horizontal | Pass |
| 2** | 2730.700 | 34.92 | -10.26 | 54.0 | 19.08 | AV | 57.00 | 100 | Horizontal | Pass |
| 3 | 4296.200 | 49.18 | -4.51 | 74.0 | 24.82 | Peak | 0.00 | 100 | Horizontal | Pass |
| 3** | 4296.200 | 39.58 | -4.51 | 54.0 | 14.42 | AV | 0.00 | 100 | Horizontal | Pass |
| 4 | 5783.600 | 113.62 | -2.83 | -- | -- | Peak | 315.00 | 400 | Horizontal | N/A |
| 4** | 5783.600 | 105.47 | -2.83 | -- | -- | AV | 315.00 | 400 | Horizontal | N/A |
| 5 | 7490.763 | 48.08 | -2.41 | 74.0 | 25.92 | Peak | 112.00 | 150 | Horizontal | Pass |
| 5** | 7490.763 | 38.26 | -2.41 | 54.0 | 15.74 | AV | 112.00 | 150 | Horizontal | Pass |
| 6 | 12238.825 | 51.50 | 2.45 | 74.0 | 22.50 | Peak | 360.00 | 300 | Horizontal | Pass |
| 6** | 12238.825 | 41.95 | 2.45 | 54.0 | 12.05 | AV | 360.00 | 300 | Horizontal | Pass |

## 11a, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1499.200 | 41.09 | -17.49 | 74.0 | 32.91 | Peak | 299.00 | 150 | Vertical | Pass |
| 1** | 1499.200 | 29.12 | -17.49 | 54.0 | 24.88 | AV | 299.00 | 150 | Vertical | Pass |
| 2 | 2804.900 | 44.42 | -10.56 | 74.0 | 29.58 | Peak | 359.00 | 300 | Vertical | Pass |
| 2** | 2804.900 | 35.11 | -10.56 | 54.0 | 18.89 | AV | 359.00 | 300 | Vertical | Pass |
| 3 | 4313.400 | 48.50 | -4.72 | 74.0 | 25.50 | Peak | 328.00 | 200 | Vertical | Pass |
| 3** | 4313.400 | 39.77 | -4.72 | 54.0 | 14.23 | AV | 328.00 | 200 | Vertical | Pass |
| 4 | 5788.200 | 101.52 | -2.68 | -- | -- | Peak | 339.00 | 100 | Vertical | N/A |
| 4** | 5788.200 | 92.95 | -2.68 | -- | -- | AV | 339.00 | 100 | Vertical | N/A |
| 5 | 7441.312 | 47.89 | -2.68 | 74.0 | 26.11 | Peak | 95.00 | 150 | Vertical | Pass |
| 5** | 7441.312 | 38.61 | -2.68 | 54.0 | 15.39 | AV | 95.00 | 150 | Vertical | Pass |
| 6 | 11686.537 | 51.33 | 1.76 | 74.0 | 22.67 | Peak | 4.00 | 200 | Vertical | Pass |
| 6** | 11686.537 | 41.26 | 1.76 | 54.0 | 12.74 | AV | 4.00 | 200 | Vertical | Pass |

## 11a, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1330.600 | 39.59 | -17.55 | 74.0 | 34.41 | Peak | 66.00 | 200 | Horizontal | Pass |
| 1** | 1330.600 | 29.65 | -17.55 | 54.0 | 24.35 | AV | 66.00 | 200 | Horizontal | Pass |
| 2 | 2836.900 | 44.35 | -10.27 | 74.0 | 29.65 | Peak | 210.00 | 400 | Horizontal | Pass |
| 2** | 2836.900 | 35.14 | -10.27 | 54.0 | 18.86 | AV | 210.00 | 400 | Horizontal | Pass |
| 3 | 4297.200 | 48.75 | -4.53 | 74.0 | 25.25 | Peak | 352.00 | 200 | Horizontal | Pass |
| 3** | 4297.200 | 39.90 | -4.53 | 54.0 | 14.10 | AV | 352.00 | 200 | Horizontal | Pass |
| 4 | 5825.600 | 112.34 | -2.66 | -- | -- | Peak | 317.00 | 300 | Horizontal | N/A |
| 4** | 5825.600 | 103.91 | -2.66 | -- | -- | AV | 317.00 | 300 | Horizontal | N/A |
| 5 | 7579.600 | 48.17 | -2.59 | 74.0 | 25.83 | Peak | 109.00 | 200 | Horizontal | Pass |
| 5** | 7579.600 | 38.72 | -2.59 | 54.0 | 15.28 | AV | 109.00 | 200 | Horizontal | Pass |
| 6 | 12233.362 | 51.63 | 2.43 | 74.0 | 22.37 | Peak | 360.00 | 400 | Horizontal | Pass |
| 6** | 12233.362 | 42.46 | 2.43 | 54.0 | 11.54 | AV | 360.00 | 400 | Horizontal | Pass |

## 11a, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.000 | 45.10 | -17.46 | 74.0 | 28.90 | Peak | 116.00 | 400 | Vertical | Pass |
| 1** | 1327.000 | 31.15 | -17.46 | 54.0 | 22.85 | AV | 116.00 | 400 | Vertical | Pass |
| 2 | 2867.600 | 44.42 | -10.42 | 74.0 | 29.58 | Peak | 116.00 | 400 | Vertical | Pass |
| 2** | 2867.600 | 34.42 | -10.42 | 54.0 | 19.58 | AV | 116.00 | 400 | Vertical | Pass |
| 3 | 4299.400 | 49.05 | -4.51 | 74.0 | 24.95 | Peak | 191.00 | 100 | Vertical | Pass |
| 3** | 4299.400 | 39.59 | -4.51 | 54.0 | 14.41 | AV | 191.00 | 100 | Vertical | Pass |
| 4 | 5826.600 | 102.21 | -2.67 | -- | -- | Peak | 338.00 | 400 | Vertical | N/A |
| 4** | 5826.600 | 94.42 | -2.67 | -- | -- | AV | 338.00 | 400 | Vertical | N/A |
| 5 | 7347.300 | 47.75 | -2.98 | 74.0 | 26.25 | Peak | 341.00 | 100 | Vertical | Pass |
| 5** | 7347.300 | 38.34 | -2.98 | 54.0 | 15.66 | AV | 341.00 | 100 | Vertical | Pass |
| 6 | 12252.625 | 51.33 | 2.51 | 74.0 | 22.67 | Peak | 4.00 | 200 | Vertical | Pass |
| 6** | 12252.625 | 42.51 | 2.51 | 54.0 | 11.49 | AV | 4.00 | 200 | Vertical | Pass |

## 11n20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1332.100 | 42.36 | -17.61 | 74.0 | 31.64 | Peak | 339.00 | 400 | Horizontal | Pass |
| 1** | 1332.100 | 32.97 | -17.61 | 54.0 | 21.03 | AV | 339.00 | 400 | Horizontal | Pass |
| 2 | 2876.800 | 44.52 | -10.31 | 74.0 | 29.48 | Peak | 281.00 | 200 | Horizontal | Pass |
| 2** | 2876.800 | 34.61 | -10.31 | 54.0 | 19.39 | AV | 281.00 | 200 | Horizontal | Pass |
| 3 | 4289.600 | 48.95 | -4.59 | 74.0 | 25.05 | Peak | 42.00 | 200 | Horizontal | Pass |
| 3** | 4289.600 | 39.72 | -4.59 | 54.0 | 14.28 | AV | 42.00 | 200 | Horizontal | Pass |
| 4 | 5749.400 | 110.63 | -3.27 | -- | -- | Peak | 314.00 | 300 | Horizontal | N/A |
| 4** | 5749.400 | 102.28 | -3.27 | -- | -- | AV | 314.00 | 300 | Horizontal | N/A |
| 5 | 7584.487 | 47.36 | -2.69 | 74.0 | 26.64 | Peak | 250.00 | 100 | Horizontal | Pass |
| 5** | 7584.487 | 38.76 | -2.69 | 54.0 | 15.24 | AV | 250.00 | 100 | Horizontal | Pass |
| 6 | 11691.425 | 51.38 | 1.65 | 74.0 | 22.62 | Peak | 294.00 | 300 | Horizontal | Pass |
| 6** | 11691.425 | 42.23 | 1.65 | 54.0 | 11.77 | AV | 294.00 | 300 | Horizontal | Pass |

## 11n20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1398.800 | 38.24 | -17.21 | 74.0 | 35.76 | Peak | 360.00 | 150 | Vertical | Pass |
| 1** | 1398.800 | 28.46 | -17.21 | 54.0 | 25.54 | AV | 360.00 | 150 | Vertical | Pass |
| 2 | 2855.800 | 44.23 | -10.26 | 74.0 | 29.77 | Peak | 50.00 | 400 | Vertical | Pass |
| 2** | 2855.800 | 35.92 | -10.26 | 54.0 | 18.08 | AV | 50.00 | 400 | Vertical | Pass |
| 3 | 4281.400 | 48.70 | -4.56 | 74.0 | 25.30 | Peak | 349.00 | 150 | Vertical | Pass |
| 3** | 4281.400 | 40.05 | -4.56 | 54.0 | 13.95 | AV | 349.00 | 150 | Vertical | Pass |
| 4 | 5746.400 | 100.83 | -3.33 | -- | -- | Peak | 338.00 | 200 | Vertical | N/A |
| 4** | 5746.400 | 93.50 | -3.33 | -- | -- | AV | 338.00 | 200 | Vertical | N/A |
| 5 | 7426.650 | 47.99 | -2.26 | 74.0 | 26.01 | Peak | 360.00 | 150 | Vertical | Pass |
| 5** | 7426.650 | 39.07 | -2.26 | 54.0 | 14.93 | AV | 360.00 | 150 | Vertical | Pass |
| 6 | 12189.375 | 51.15 | 2.51 | 74.0 | 22.85 | Peak | 360.00 | 200 | Vertical | Pass |
| 6** | 12189.375 | 41.64 | 2.51 | 54.0 | 12.36 | AV | 360.00 | 200 | Vertical | Pass |

## 11n20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.200 | 42.35 | -17.40 | 74.0 | 31.65 | Peak | 203.00 | 200 | Horizontal | Pass |
| 1** | 1328.200 | 36.68 | -17.40 | 54.0 | 17.32 | AV | 203.00 | 200 | Horizontal | Pass |
| 2 | 2862.200 | 44.69 | -10.17 | 74.0 | 29.31 | Peak | 321.00 | 100 | Horizontal | Pass |
| 2** | 2862.200 | 34.75 | -10.17 | 54.0 | 19.25 | AV | 321.00 | 100 | Horizontal | Pass |
| 3 | 4279.400 | 49.18 | -4.53 | 74.0 | 24.82 | Peak | 51.00 | 100 | Horizontal | Pass |
| 3** | 4279.400 | 39.24 | -4.53 | 54.0 | 14.76 | AV | 51.00 | 100 | Horizontal | Pass |
| 4 | 5781.800 | 112.82 | -2.80 | -- | -- | Peak | 314.00 | 400 | Horizontal | N/A |
| 4** | 5781.800 | 104.86 | -2.80 | -- | -- | AV | 314.00 | 400 | Horizontal | N/A |
| 5 | 7517.212 | 48.20 | -2.26 | 74.0 | 25.80 | Peak | 1.00 | 100 | Horizontal | Pass |
| 5** | 7517.212 | 38.40 | -2.26 | 54.0 | 15.60 | AV | 1.00 | 100 | Horizontal | Pass |
| 6 | 12256.075 | 51.09 | 2.47 | 74.0 | 22.91 | Peak | 156.00 | 100 | Horizontal | Pass |
| 6** | 12256.075 | 41.96 | 2.47 | 54.0 | 12.04 | AV | 156.00 | 100 | Horizontal | Pass |

## 11n20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1418.000 | 39.24 | -17.26 | 74.0 | 34.76 | Peak | 360.00 | 150 | Vertical | Pass |
| 1** | 1418.000 | 28.98 | -17.26 | 54.0 | 25.02 | AV | 360.00 | 150 | Vertical | Pass |
| 2 | 2726.000 | 44.33 | -10.37 | 74.0 | 29.67 | Peak | 57.00 | 300 | Vertical | Pass |
| 2** | 2726.000 | 35.32 | -10.37 | 54.0 | 18.68 | AV | 57.00 | 300 | Vertical | Pass |
| 3 | 4252.200 | 48.95 | -4.61 | 74.0 | 25.05 | Peak | 358.00 | 100 | Vertical | Pass |
| 3** | 4252.200 | 39.08 | -4.61 | 54.0 | 14.92 | AV | 358.00 | 100 | Vertical | Pass |
| 4 | 5778.200 | 100.55 | -2.77 | -- | -- | Peak | 338.00 | 400 | Vertical | N/A |
| 4** | 5778.200 | 92.70 | -2.77 | -- | -- | AV | 338.00 | 400 | Vertical | N/A |
| 5 | 7567.813 | 47.97 | -2.44 | 74.0 | 26.03 | Peak | 88.00 | 100 | Vertical | Pass |
| 5** | 7567.813 | 38.93 | -2.44 | 54.0 | 15.07 | AV | 88.00 | 100 | Vertical | Pass |
| 6 | 11700.050 | 50.99 | 1.47 | 74.0 | 23.01 | Peak | 360.00 | 100 | Vertical | Pass |
| 6** | 11700.050 | 41.33 | 1.47 | 54.0 | 12.67 | AV | 360.00 | 100 | Vertical | Pass |

## 11n20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1330.100 | 40.77 | -17.53 | 74.0 | 33.23 | Peak | 339.00 | 100 | Horizontal | Pass |
| 1** | 1330.100 | 29.76 | -17.53 | 54.0 | 24.24 | AV | 339.00 | 100 | Horizontal | Pass |
| 2 | 2811.100 | 44.39 | -10.64 | 74.0 | 29.61 | Peak | 327.00 | 100 | Horizontal | Pass |
| 2** | 2811.100 | 34.32 | -10.64 | 54.0 | 19.68 | AV | 327.00 | 100 | Horizontal | Pass |
| 3 | 4306.000 | 48.83 | -4.55 | 74.0 | 25.17 | Peak | 155.00 | 200 | Horizontal | Pass |
| 3** | 4306.000 | 39.26 | -4.55 | 54.0 | 14.74 | AV | 155.00 | 200 | Horizontal | Pass |
| 4 | 5823.800 | 111.70 | -2.67 | -- | -- | Peak | 315.00 | 100 | Horizontal | N/A |
| 4** | 5823.800 | 104.74 | -2.67 | -- | -- | AV | 315.00 | 100 | Horizontal | N/A |
| 5 | 7577.875 | 48.12 | -2.56 | 74.0 | 25.88 | Peak | 11.00 | 100 | Horizontal | Pass |
| 5** | 7577.875 | 38.48 | -2.56 | 54.0 | 15.52 | AV | 11.00 | 100 | Horizontal | Pass |
| 6 | 12382.287 | 50.95 | 1.24 | 74.0 | 23.05 | Peak | 109.00 | 200 | Horizontal | Pass |
| 6** | 12382.287 | 41.89 | 1.24 | 54.0 | 12.11 | AV | 109.00 | 200 | Horizontal | Pass |

## 11n20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.500 | 43.58 | -17.49 | 74.0 | 30.42 | Peak | 320.00 | 300 | Vertical | Pass |
| 1** | 1329.500 | 31.21 | -17.49 | 54.0 | 22.79 | AV | 320.00 | 300 | Vertical | Pass |
| 2 | 2763.900 | 44.57 | -10.90 | 74.0 | 29.43 | Peak | 359.00 | 400 | Vertical | Pass |
| 2** | 2763.900 | 34.34 | -10.90 | 54.0 | 19.66 | AV | 359.00 | 400 | Vertical | Pass |
| 3 | 4305.800 | 48.97 | -4.55 | 74.0 | 25.03 | Peak | 98.00 | 150 | Vertical | Pass |
| 3** | 4305.800 | 39.77 | -4.55 | 54.0 | 14.23 | AV | 98.00 | 150 | Vertical | Pass |
| 4 | 5826.000 | 100.11 | -2.66 | -- | -- | Peak | 338.00 | 100 | Vertical | N/A |
| 4** | 5826.000 | 93.45 | -2.66 | -- | -- | AV | 338.00 | 100 | Vertical | N/A |
| 5 | 7411.700 | 48.15 | -2.21 | 74.0 | 25.85 | Peak | 264.00 | 150 | Vertical | Pass |
| 5** | 7411.700 | 38.73 | -2.21 | 54.0 | 15.27 | AV | 264.00 | 150 | Vertical | Pass |
| 6 | 12171.837 | 51.24 | 2.57 | 74.0 | 22.76 | Peak | 112.00 | 400 | Vertical | Pass |
| 6** | 12171.837 | 42.37 | 2.57 | 54.0 | 11.63 | AV | 112.00 | 400 | Vertical | Pass |

## 11n40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1332.000 | 45.07 | -17.61 | 74.0 | 28.93 | Peak | 222.00 | 300 | Horizontal | Pass |
| 1** | 1332.000 | 32.92 | -17.61 | 54.0 | 21.08 | AV | 222.00 | 300 | Horizontal | Pass |
| 2 | 2879.100 | 44.21 | -10.30 | 74.0 | 29.79 | Peak | 250.00 | 200 | Horizontal | Pass |
| 2** | 2879.100 | 34.43 | -10.30 | 54.0 | 19.57 | AV | 250.00 | 200 | Horizontal | Pass |
| 3 | 4267.200 | 49.23 | -4.62 | 74.0 | 24.77 | Peak | 356.00 | 100 | Horizontal | Pass |
| 3** | 4267.200 | 39.66 | -4.62 | 54.0 | 14.34 | AV | 356.00 | 100 | Horizontal | Pass |
| 4 | 5758.800 | 108.69 | -3.08 | -- | -- | Peak | 42.00 | 300 | Horizontal | N/A |
| 4** | 5758.800 | 100.69 | -3.08 | -- | -- | AV | 42.00 | 300 | Horizontal | N/A |
| 5 | 7574.138 | 48.12 | -2.57 | 74.0 | 25.88 | Peak | 60.00 | 100 | Horizontal | Pass |
| 5** | 7574.138 | 38.57 | -2.57 | 54.0 | 15.43 | AV | 60.00 | 100 | Horizontal | Pass |
| 6 | 12206.050 | 51.76 | 2.38 | 74.0 | 22.24 | Peak | 168.00 | 400 | Horizontal | Pass |
| 6** | 12206.050 | 42.41 | 2.38 | 54.0 | 11.59 | AV | 168.00 | 400 | Horizontal | Pass |

## 11n40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.900 | 43.58 | -17.42 | 74.0 | 30.42 | Peak | 281.00 | 200 | Vertical | Pass |
| 1** | 1327.900 | 29.35 | -17.42 | 54.0 | 24.65 | AV | 281.00 | 200 | Vertical | Pass |
| 2 | 2827.200 | 44.87 | -10.28 | 74.0 | 29.13 | Peak | 359.00 | 300 | Vertical | Pass |
| 2** | 2827.200 | 34.34 | -10.28 | 54.0 | 19.66 | AV | 359.00 | 300 | Vertical | Pass |
| 3 | 4290.000 | 48.99 | -4.59 | 74.0 | 25.01 | Peak | 359.00 | 150 | Vertical | Pass |
| 3** | 4290.000 | 39.92 | -4.59 | 54.0 | 14.08 | AV | 359.00 | 150 | Vertical | Pass |
| 4 | 5757.200 | 97.39 | -3.15 | -- | -- | Peak | 53.00 | 200 | Vertical | N/A |
| 4** | 5757.200 | 89.93 | -3.15 | -- | -- | AV | 53.00 | 200 | Vertical | N/A |
| 5 | 7568.100 | 48.55 | -2.44 | 74.0 | 25.45 | Peak | 360.00 | 100 | Vertical | Pass |
| 5** | 7568.100 | 38.71 | -2.44 | 54.0 | 15.29 | AV | 360.00 | 100 | Vertical | Pass |
| 6 | 12316.162 | 51.74 | 2.06 | 74.0 | 22.26 | Peak | 6.00 | 100 | Vertical | Pass |
| 6** | 12316.162 | 41.64 | 2.06 | 54.0 | 12.36 | AV | 6.00 | 100 | Vertical | Pass |

## 11n40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.500 | 40.27 | -17.42 | 74.0 | 33.73 | Peak | 97.00 | 300 | Horizontal | Pass |
| 1** | 1328.500 | 32.63 | -17.42 | 54.0 | 21.37 | AV | 97.00 | 300 | Horizontal | Pass |
| 2 | 2838.100 | 44.22 | -10.38 | 74.0 | 29.78 | Peak | 360.00 | 400 | Horizontal | Pass |
| 2** | 2838.100 | 34.92 | -10.38 | 54.0 | 19.08 | AV | 360.00 | 400 | Horizontal | Pass |
| 3 | 4239.200 | 48.80 | -4.92 | 74.0 | 25.20 | Peak | 284.00 | 100 | Horizontal | Pass |
| 3** | 4239.200 | 39.03 | -4.92 | 54.0 | 14.97 | AV | 284.00 | 100 | Horizontal | Pass |
| 4 | 5800.600 | 109.12 | -2.67 | -- | -- | Peak | 43.00 | 300 | Horizontal | N/A |
| 4** | 5800.600 | 100.36 | -2.67 | -- | -- | AV | 43.00 | 300 | Horizontal | N/A |
| 5 | 7423.200 | 48.91 | -2.30 | 74.0 | 25.09 | Peak | 156.00 | 200 | Horizontal | Pass |
| 5** | 7423.200 | 39.08 | -2.30 | 54.0 | 14.92 | AV | 156.00 | 200 | Horizontal | Pass |
| 6 | 12283.963 | 51.67 | 2.24 | 74.0 | 22.33 | Peak | 294.00 | 300 | Horizontal | Pass |
| 6** | 12283.963 | 42.80 | 2.24 | 54.0 | 11.20 | AV | 294.00 | 300 | Horizontal | Pass |

## 11n40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.200 | 42.81 | -17.40 | 74.0 | 31.19 | Peak | 318.00 | 300 | Vertical | Pass |
| 1** | 1328.200 | 29.72 | -17.40 | 54.0 | 24.28 | AV | 318.00 | 300 | Vertical | Pass |
| 2 | 2868.600 | 44.37 | -10.53 | 74.0 | 29.63 | Peak | 309.00 | 100 | Vertical | Pass |
| 2** | 2868.600 | 34.84 | -10.53 | 54.0 | 19.16 | AV | 309.00 | 100 | Vertical | Pass |
| 3 | 4306.800 | 49.09 | -4.54 | 74.0 | 24.91 | Peak | 103.00 | 100 | Vertical | Pass |
| 3** | 4306.800 | 41.11 | -4.54 | 54.0 | 12.89 | AV | 103.00 | 100 | Vertical | Pass |
| 4 | 5792.600 | 98.63 | -2.73 | -- | -- | Peak | 59.00 | 400 | Vertical | N/A |
| 4** | 5792.600 | 91.00 | -2.73 | -- | -- | AV | 59.00 | 400 | Vertical | N/A |
| 5 | 7583.912 | 48.35 | -2.68 | 74.0 | 25.65 | Peak | 10.00 | 150 | Vertical | Pass |
| 5** | 7583.912 | 39.05 | -2.68 | 54.0 | 14.95 | AV | 10.00 | 150 | Vertical | Pass |
| 6 | 12170.687 | 51.26 | 2.56 | 74.0 | 22.74 | Peak | 340.00 | 400 | Vertical | Pass |
| 6** | 12170.687 | 41.94 | 2.56 | 54.0 | 12.06 | AV | 340.00 | 400 | Vertical | Pass |

## 11ac20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.400 | 42.64 | -17.48 | 74.0 | 31.36 | Peak | 309.00 | 300 | Horizontal | Pass |
| 1** | 1329.400 | 33.20 | -17.48 | 54.0 | 20.80 | AV | 309.00 | 300 | Horizontal | Pass |
| 2 | 2745.700 | 44.53 | -10.32 | 74.0 | 29.47 | Peak | 357.00 | 400 | Horizontal | Pass |
| 2** | 2745.700 | 35.11 | -10.32 | 54.0 | 18.89 | AV | 357.00 | 400 | Horizontal | Pass |
| 3 | 4275.600 | 49.16 | -4.55 | 74.0 | 24.84 | Peak | 272.00 | 100 | Horizontal | Pass |
| 3** | 4275.600 | 39.89 | -4.55 | 54.0 | 14.11 | AV | 272.00 | 100 | Horizontal | Pass |
| 4 | 5742.600 | 110.87 | -3.49 | -- | -- | Peak | 320.00 | 100 | Horizontal | N/A |
| 4** | 5742.600 | 103.07 | -3.49 | -- | -- | AV | 320.00 | 100 | Horizontal | N/A |
| 5 | 7417.163 | 48.03 | -2.21 | 74.0 | 25.97 | Peak | 64.00 | 100 | Horizontal | Pass |
| 5** | 7417.163 | 38.71 | -2.21 | 54.0 | 15.29 | AV | 64.00 | 100 | Horizontal | Pass |
| 6 | 12180.750 | 51.17 | 2.61 | 74.0 | 22.83 | Peak | 0.00 | 400 | Horizontal | Pass |
| 6** | 12180.750 | 42.02 | 2.61 | 54.0 | 11.98 | AV | 0.00 | 400 | Horizontal | Pass |

## 11ac20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1497.000 | 39.49 | -17.59 | 74.0 | 34.51 | Peak | 224.00 | 150 | Vertical | Pass |
| 1** | 1497.000 | 29.12 | -17.59 | 54.0 | 24.88 | AV | 224.00 | 150 | Vertical | Pass |
| 2 | 2806.400 | 44.69 | -10.61 | 74.0 | 29.31 | Peak | 7.00 | 200 | Vertical | Pass |
| 2** | 2806.400 | 34.48 | -10.61 | 54.0 | 19.52 | AV | 7.00 | 200 | Vertical | Pass |
| 3 | 4273.400 | 49.01 | -4.59 | 74.0 | 24.99 | Peak | 190.00 | 100 | Vertical | Pass |
| 3** | 4273.400 | 39.36 | -4.59 | 54.0 | 14.64 | AV | 190.00 | 100 | Vertical | Pass |
| 4 | 5745.600 | 99.88 | -3.38 | -- | -- | Peak | 326.00 | 100 | Vertical | N/A |
| 4** | 5745.600 | 91.36 | -3.38 | -- | -- | AV | 326.00 | 100 | Vertical | N/A |
| 5 | 7575.575 | 48.33 | -2.50 | 74.0 | 25.67 | Peak | 0.00 | 150 | Vertical | Pass |
| 5** | 7575.575 | 38.70 | -2.50 | 54.0 | 15.30 | AV | 0.00 | 150 | Vertical | Pass |
| 6 | 12266.713 | 51.15 | 2.31 | 74.0 | 22.85 | Peak | 8.00 | 100 | Vertical | Pass |
| 6** | 12266.713 | 42.16 | 2.31 | 54.0 | 11.84 | AV | 8.00 | 100 | Vertical | Pass |

## 11ac20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.600 | 42.34 | -17.43 | 74.0 | 31.66 | Peak | 203.00 | 300 | Horizontal | Pass |
| 1** | 1328.600 | 35.10 | -17.43 | 54.0 | 18.90 | AV | 203.00 | 300 | Horizontal | Pass |
| 2 | 2729.100 | 44.47 | -10.36 | 74.0 | 29.53 | Peak | 360.00 | 300 | Horizontal | Pass |
| 2** | 2729.100 | 35.31 | -10.36 | 54.0 | 18.69 | AV | 360.00 | 300 | Horizontal | Pass |
| 3 | 4340.000 | 48.44 | -4.68 | 74.0 | 25.56 | Peak | 181.00 | 200 | Horizontal | Pass |
| 3** | 4340.000 | 38.94 | -4.68 | 54.0 | 15.06 | AV | 181.00 | 200 | Horizontal | Pass |
| 4 | 5786.200 | 111.70 | -2.81 | -- | -- | Peak | 317.00 | 400 | Horizontal | N/A |
| 4** | 5786.200 | 105.08 | -2.81 | -- | -- | AV | 317.00 | 400 | Horizontal | N/A |
| 5 | 7570.400 | 47.53 | -2.51 | 74.0 | 26.47 | Peak | 264.00 | 200 | Horizontal | Pass |
| 5** | 7570.400 | 39.06 | -2.51 | 54.0 | 14.94 | AV | 264.00 | 200 | Horizontal | Pass |
| 6 | 12296.901 | 51.65 | 2.29 | 74.0 | 22.35 | Peak | 341.00 | 100 | Horizontal | Pass |
| 6** | 12296.901 | 41.71 | 2.29 | 54.0 | 12.29 | AV | 341.00 | 100 | Horizontal | Pass |

## 11ac20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1498.000 | 39.97 | -17.54 | 74.0 | 34.03 | Peak | 299.00 | 150 | Vertical | Pass |
| 1** | 1498.000 | 29.28 | -17.54 | 54.0 | 24.72 | AV | 299.00 | 150 | Vertical | Pass |
| 2 | 2723.300 | 44.62 | -10.52 | 74.0 | 29.38 | Peak | 1.00 | 100 | Vertical | Pass |
| 2** | 2723.300 | 35.11 | -10.52 | 54.0 | 18.89 | AV | 1.00 | 100 | Vertical | Pass |
| 3 | 4300.400 | 48.79 | -4.55 | 74.0 | 25.21 | Peak | 225.00 | 150 | Vertical | Pass |
| 3** | 4300.400 | 39.69 | -4.55 | 54.0 | 14.31 | AV | 225.00 | 150 | Vertical | Pass |
| 4 | 5781.800 | 100.55 | -2.80 | -- | -- | Peak | 339.00 | 100 | Vertical | N/A |
| 4** | 5781.800 | 92.22 | -2.80 | -- | -- | AV | 339.00 | 100 | Vertical | N/A |
| 5 | 7566.087 | 48.01 | -2.48 | 74.0 | 25.99 | Peak | 95.00 | 200 | Vertical | Pass |
| 5** | 7566.087 | 38.84 | -2.48 | 54.0 | 15.16 | AV | 95.00 | 200 | Vertical | Pass |
| 6 | 12188.800 | 51.38 | 2.51 | 74.0 | 22.62 | Peak | 217.00 | 100 | Vertical | Pass |
| 6** | 12188.800 | 42.17 | 2.51 | 54.0 | 11.83 | AV | 217.00 | 100 | Vertical | Pass |

## 11ac20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1333.600 | 39.80 | -17.63 | 74.0 | 34.20 | Peak | 136.00 | 400 | Horizontal | Pass |
| 1** | 1333.600 | 30.59 | -17.63 | 54.0 | 23.41 | AV | 136.00 | 400 | Horizontal | Pass |
| 2 | 2752.300 | 44.14 | -10.42 | 74.0 | 29.86 | Peak | 360.00 | 400 | Horizontal | Pass |
| 2** | 2752.300 | 35.25 | -10.42 | 54.0 | 18.75 | AV | 360.00 | 400 | Horizontal | Pass |
| 3 | 4172.800 | 49.09 | -4.68 | 74.0 | 24.91 | Peak | 358.00 | 100 | Horizontal | Pass |
| 3** | 4172.800 | 39.18 | -4.68 | 54.0 | 14.82 | AV | 358.00 | 100 | Horizontal | Pass |
| 4 | 5824.000 | 111.62 | -2.67 | -- | -- | Peak | 315.00 | 300 | Horizontal | N/A |
| 4** | 5824.000 | 104.78 | -2.67 | -- | -- | AV | 315.00 | 300 | Horizontal | N/A |
| 5 | 7506.000 | 47.53 | -2.24 | 74.0 | 26.47 | Peak | 2.00 | 200 | Horizontal | Pass |
| 5** | 7506.000 | 38.59 | -2.24 | 54.0 | 15.41 | AV | 2.00 | 200 | Horizontal | Pass |
| 6 | 12261.537 | 51.40 | 2.40 | 74.0 | 22.60 | Peak | 356.00 | 100 | Horizontal | Pass |
| 6** | 12261.537 | 42.21 | 2.40 | 54.0 | 11.79 | AV | 356.00 | 100 | Horizontal | Pass |

## 11ac20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1499.600 | 41.61 | -17.47 | 74.0 | 32.39 | Peak | 238.00 | 150 | Vertical | Pass |
| 1** | 1499.600 | 29.98 | -17.47 | 54.0 | 24.02 | AV | 238.00 | 150 | Vertical | Pass |
| 2 | 2824.200 | 44.57 | -10.21 | 74.0 | 29.43 | Peak | 74.00 | 100 | Vertical | Pass |
| 2** | 2824.200 | 34.51 | -10.21 | 54.0 | 19.49 | AV | 74.00 | 100 | Vertical | Pass |
| 3 | 4279.000 | 49.12 | -4.53 | 74.0 | 24.88 | Peak | 0.00 | 200 | Vertical | Pass |
| 3** | 4279.000 | 39.89 | -4.53 | 54.0 | 14.11 | AV | 0.00 | 200 | Vertical | Pass |
| 4 | 5826.000 | 100.15 | -2.66 | -- | -- | Peak | 317.00 | 400 | Vertical | N/A |
| 4** | 5826.000 | 92.58 | -2.66 | -- | -- | AV | 317.00 | 400 | Vertical | N/A |
| 5 | 7430.675 | 48.18 | -2.31 | 74.0 | 25.82 | Peak | 217.00 | 100 | Vertical | Pass |
| 5** | 7430.675 | 38.86 | -2.31 | 54.0 | 15.14 | AV | 217.00 | 100 | Vertical | Pass |
| 6 | 12241.700 | 50.92 | 2.48 | 74.0 | 23.08 | Peak | 170.00 | 300 | Vertical | Pass |
| 6** | 12241.700 | 42.00 | 2.48 | 54.0 | 12.00 | AV | 170.00 | 300 | Vertical | Pass |

## 11ac40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.500 | 39.27 | -17.44 | 74.0 | 34.73 | Peak | 269.00 | 400 | Horizontal | Pass |
| 1** | 1327.500 | 29.31 | -17.44 | 54.0 | 24.69 | AV | 269.00 | 400 | Horizontal | Pass |
| 2 | 2727.000 | 44.50 | -10.35 | 74.0 | 29.50 | Peak | 306.00 | 300 | Horizontal | Pass |
| 2** | 2727.000 | 35.51 | -10.35 | 54.0 | 18.49 | AV | 306.00 | 300 | Horizontal | Pass |
| 3 | 4256.800 | 48.95 | -4.46 | 74.0 | 25.05 | Peak | 279.00 | 200 | Horizontal | Pass |
| 3** | 4256.800 | 40.00 | -4.46 | 54.0 | 14.00 | AV | 279.00 | 200 | Horizontal | Pass |
| 4 | 5757.800 | 108.11 | -3.12 | -- | -- | Peak | 42.00 | 300 | Horizontal | N/A |
| 4** | 5757.800 | 100.99 | -3.12 | -- | -- | AV | 42.00 | 300 | Horizontal | N/A |
| 5 | 7428.663 | 48.58 | -2.31 | 74.0 | 25.42 | Peak | 2.00 | 150 | Horizontal | Pass |
| 5** | 7428.663 | 39.83 | -2.31 | 54.0 | 14.17 | AV | 2.00 | 150 | Horizontal | Pass |
| 6 | 12276.200 | 51.86 | 2.23 | 74.0 | 22.14 | Peak | 278.00 | 300 | Horizontal | Pass |
| 6** | 12276.200 | 41.76 | 2.23 | 54.0 | 12.24 | AV | 278.00 | 300 | Horizontal | Pass |

## 11ac40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1330.600 | 45.26 | -17.55 | 74.0 | 28.74 | Peak | 329.00 | 100 | Vertical | Pass |
| 1** | 1330.600 | 37.48 | -17.55 | 54.0 | 16.52 | AV | 329.00 | 100 | Vertical | Pass |
| 2 | 2747.300 | 44.28 | -10.23 | 74.0 | 29.72 | Peak | 158.00 | 400 | Vertical | Pass |
| 2** | 2747.300 | 35.02 | -10.23 | 54.0 | 18.98 | AV | 158.00 | 400 | Vertical | Pass |
| 3 | 4274.400 | 48.92 | -4.58 | 74.0 | 25.08 | Peak | 57.00 | 100 | Vertical | Pass |
| 3** | 4274.400 | 39.54 | -4.58 | 54.0 | 14.46 | AV | 57.00 | 100 | Vertical | Pass |
| 4 | 5751.400 | 97.04 | -3.26 | -- | -- | Peak | 57.00 | 100 | Vertical | N/A |
| 4** | 5751.400 | 89.60 | -3.26 | -- | -- | AV | 57.00 | 100 | Vertical | N/A |
| 5 | 7612.663 | 48.47 | -3.08 | 74.0 | 25.53 | Peak | 353.00 | 100 | Vertical | Pass |
| 5** | 7612.663 | 38.84 | -3.08 | 54.0 | 15.16 | AV | 353.00 | 100 | Vertical | Pass |
| 6 | 12188.512 | 51.17 | 2.52 | 74.0 | 22.83 | Peak | 6.00 | 300 | Vertical | Pass |
| 6** | 12188.512 | 42.36 | 2.52 | 54.0 | 11.64 | AV | 6.00 | 300 | Vertical | Pass |

## 11ac40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.300 | 40.85 | -17.45 | 74.0 | 33.15 | Peak | 60.00 | 200 | Horizontal | Pass |
| 1** | 1327.300 | 31.94 | -17.45 | 54.0 | 22.06 | AV | 60.00 | 200 | Horizontal | Pass |
| 2 | 2750.000 | 44.59 | -10.31 | 74.0 | 29.41 | Peak | 174.00 | 300 | Horizontal | Pass |
| 2** | 2750.000 | 35.42 | -10.31 | 54.0 | 18.58 | AV | 174.00 | 300 | Horizontal | Pass |
| 3 | 4333.000 | 48.78 | -4.65 | 74.0 | 25.22 | Peak | 284.00 | 200 | Horizontal | Pass |
| 3** | 4333.000 | 39.73 | -4.65 | 54.0 | 14.27 | AV | 284.00 | 200 | Horizontal | Pass |
| 4 | 5791.200 | 109.26 | -2.77 | -- | -- | Peak | 53.00 | 200 | Horizontal | N/A |
| 4** | 5791.200 | 100.81 | -2.77 | -- | -- | AV | 53.00 | 200 | Horizontal | N/A |
| 5 | 7564.362 | 48.67 | -2.51 | 74.0 | 25.33 | Peak | 201.00 | 100 | Horizontal | Pass |
| 5** | 7564.362 | 39.39 | -2.51 | 54.0 | 14.61 | AV | 201.00 | 100 | Horizontal | Pass |
| 6 | 11637.950 | 51.24 | 2.08 | 74.0 | 22.76 | Peak | 154.00 | 100 | Horizontal | Pass |
| 6** | 11637.950 | 41.44 | 2.08 | 54.0 | 12.56 | AV | 154.00 | 100 | Horizontal | Pass |

## 11ac40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1330.300 | 44.11 | -17.54 | 74.0 | 29.89 | Peak | 337.00 | 100 | Vertical | Pass |
| 1** | 1330.300 | 30.18 | -17.54 | 54.0 | 23.82 | AV | 337.00 | 100 | Vertical | Pass |
| 2 | 2837.500 | 44.45 | -10.32 | 74.0 | 29.55 | Peak | 241.00 | 400 | Vertical | Pass |
| 2** | 2837.500 | 35.10 | -10.32 | 54.0 | 18.90 | AV | 241.00 | 400 | Vertical | Pass |
| 3 | 4294.000 | 49.66 | -4.51 | 74.0 | 24.34 | Peak | 294.00 | 200 | Vertical | Pass |
| 3** | 4294.000 | 39.71 | -4.51 | 54.0 | 14.29 | AV | 294.00 | 200 | Vertical | Pass |
| 4 | 5786.400 | 97.46 | -2.80 | -- | -- | Peak | 54.00 | 200 | Vertical | N/A |
| 4** | 5786.400 | 89.38 | -2.80 | -- | -- | AV | 54.00 | 200 | Vertical | N/A |
| 5 | 7583.625 | 48.22 | -2.67 | 74.0 | 25.78 | Peak | 276.00 | 100 | Vertical | Pass |
| 5** | 7583.625 | 39.53 | -2.67 | 54.0 | 14.47 | AV | 276.00 | 100 | Vertical | Pass |
| 6 | 12228.475 | 51.57 | 2.43 | 74.0 | 22.43 | Peak | 360.00 | 300 | Vertical | Pass |
| 6** | 12228.475 | 41.90 | 2.43 | 54.0 | 12.10 | AV | 360.00 | 300 | Vertical | Pass |

## 11ac80, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1332.800 | 41.80 | -17.63 | 74.0 | 32.20 | Peak | 246.00 | 300 | Horizontal | Pass |
| 1** | 1332.800 | 33.83 | -17.63 | 54.0 | 20.17 | AV | 246.00 | 300 | Horizontal | Pass |
| 2 | 2875.100 | 45.08 | -10.42 | 74.0 | 28.92 | Peak | 74.00 | 200 | Horizontal | Pass |
| 2** | 2875.100 | 35.10 | -10.42 | 54.0 | 18.90 | AV | 74.00 | 200 | Horizontal | Pass |
| 3 | 4334.600 | 48.56 | -4.68 | 74.0 | 25.44 | Peak | 322.00 | 200 | Horizontal | Pass |
| 3** | 4334.600 | 39.61 | -4.68 | 54.0 | 14.39 | AV | 322.00 | 200 | Horizontal | Pass |
| 4 | 5776.600 | 105.19 | -2.79 | -- | -- | Peak | 33.00 | 200 | Horizontal | N/A |
| 4** | 5776.600 | 97.91 | -2.79 | -- | -- | AV | 33.00 | 200 | Horizontal | N/A |
| 5 | 7411.412 | 48.10 | -2.24 | 74.0 | 25.90 | Peak | 0.00 | 100 | Horizontal | Pass |
| 5** | 7411.412 | 38.90 | -2.24 | 54.0 | 15.10 | AV | 0.00 | 100 | Horizontal | Pass |
| 6 | 12176.725 | 51.04 | 2.65 | 74.0 | 22.96 | Peak | 272.00 | 400 | Horizontal | Pass |
| 6** | 12176.725 | 41.82 | 2.65 | 54.0 | 12.18 | AV | 272.00 | 400 | Horizontal | Pass |

## 11ac80, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1332.600 | 42.66 | -17.63 | 74.0 | 31.34 | Peak | 282.00 | 200 | Vertical | Pass |
| 1** | 1332.600 | 33.78 | -17.63 | 54.0 | 20.22 | AV | 282.00 | 200 | Vertical | Pass |
| 2 | 2860.000 | 44.86 | -10.23 | 74.0 | 29.14 | Peak | 291.00 | 200 | Vertical | Pass |
| 2** | 2860.000 | 35.14 | -10.23 | 54.0 | 18.86 | AV | 291.00 | 200 | Vertical | Pass |
| 3 | 4285.400 | 49.20 | -4.68 | 74.0 | 24.80 | Peak | 52.00 | 150 | Vertical | Pass |
| 3** | 4285.400 | 39.64 | -4.68 | 54.0 | 14.36 | AV | 52.00 | 150 | Vertical | Pass |
| 4 | 5780.600 | 93.94 | -2.75 | -- | -- | Peak | 52.00 | 300 | Vertical | N/A |
| 4** | 5780.600 | 86.06 | -2.75 | -- | -- | AV | 52.00 | 300 | Vertical | N/A |
| 5 | 7563.788 | 47.75 | -2.50 | 74.0 | 26.25 | Peak | 86.00 | 100 | Vertical | Pass |
| 5** | 7563.788 | 39.65 | -2.50 | 54.0 | 14.35 | AV | 86.00 | 100 | Vertical | Pass |
| 6 | 12286.550 | 51.25 | 2.24 | 74.0 | 22.75 | Peak | 291.00 | 200 | Vertical | Pass |
| 6** | 12286.550 | 41.50 | 2.24 | 54.0 | 12.50 | AV | 291.00 | 200 | Vertical | Pass |

## 11a, U-NII-2C&U-NII-3,1 GHz to 18 GHz, 144 Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1327.600 | 41.84 | -17.43 | 74.0 | 32.16 | Peak | 71.00 | 200 | Horizontal | Pass |
| 1** | 1327.600 | 31.33 | -17.43 | 54.0 | 22.67 | AV | 71.00 | 200 | Horizontal | Pass |
| 2 | 2847.900 | 44.14 | -10.65 | 74.0 | 29.86 | Peak | 192.00 | 100 | Horizontal | Pass |
| 2** | 2847.900 | 34.89 | -10.65 | 54.0 | 19.11 | AV | 192.00 | 100 | Horizontal | Pass |
| 3 | 4170.200 | 48.87 | -4.69 | 74.0 | 25.13 | Peak | 241.00 | 200 | Horizontal | Pass |
| 3** | 4170.200 | 39.01 | -4.69 | 54.0 | 14.99 | AV | 241.00 | 200 | Horizontal | Pass |
| 4 | 5721.400 | 111.30 | -3.72 | -- | -- | Peak | 313.00 | 400 | Horizontal | N/A |
| 4** | 5721.400 | 104.59 | -3.72 | -- | -- | AV | 313.00 | 400 | Horizontal | N/A |
| 5 | 7569.825 | 48.03 | -2.47 | 74.0 | 25.97 | Peak | 143.00 | 100 | Horizontal | Pass |
| 5** | 7569.825 | 39.36 | -2.47 | 54.0 | 14.64 | AV | 143.00 | 100 | Horizontal | Pass |
| 6 | 12208.062 | 51.49 | 2.38 | 74.0 | 22.51 | Peak | 207.00 | 300 | Horizontal | Pass |
| 6** | 12208.062 | 42.46 | 2.38 | 54.0 | 11.54 | AV | 207.00 | 300 | Horizontal | Pass |

## 11a, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.300 | 43.48 | -17.41 | 74.0 | 30.52 | Peak | 220.00 | 400 | Vertical | Pass |
| 1** | 1328.300 | 31.84 | -17.41 | 54.0 | 22.16 | AV | 220.00 | 400 | Vertical | Pass |
| 2 | 2863.100 | 44.07 | -10.21 | 74.0 | 29.93 | Peak | 302.00 | 300 | Vertical | Pass |
| 2** | 2863.100 | 34.76 | -10.21 | 54.0 | 19.24 | AV | 302.00 | 300 | Vertical | Pass |
| 3 | 4222.800 | 48.60 | -4.43 | 74.0 | 25.40 | Peak | 210.00 | 150 | Vertical | Pass |
| 3** | 4222.800 | 39.94 | -4.43 | 54.0 | 14.06 | AV | 210.00 | 150 | Vertical | Pass |
| 4 | 5718.600 | 100.58 | -3.79 | -- | -- | Peak | 330.00 | 300 | Vertical | N/A |
| 4** | 5718.600 | 92.58 | -3.79 | -- | -- | AV | 330.00 | 300 | Vertical | N/A |
| 5 | 7491.050 | 47.98 | -2.40 | 74.0 | 26.02 | Peak | 4.00 | 100 | Vertical | Pass |
| 5** | 7491.050 | 38.69 | -2.40 | 54.0 | 15.31 | AV | 4.00 | 100 | Vertical | Pass |
| 6 | 11717.012 | 51.82 | 1.19 | 74.0 | 22.18 | Peak | 187.00 | 100 | Vertical | Pass |
| 6** | 11717.012 | 41.77 | 1.19 | 54.0 | 12.23 | AV | 187.00 | 100 | Vertical | Pass |

11n20, U-NII-2C&U-NII-3,1 GHz to 18 GHz, 144 Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1333.200 | 41.78 | -17.63 | 74.0 | 32.22 | Peak | 351.00 | 100 | Horizontal | Pass |
| 1** | 1333.200 | 28.72 | -17.63 | 54.0 | 25.28 | AV | 351.00 | 100 | Horizontal | Pass |
| 2 | 2860.800 | 44.62 | -10.21 | 74.0 | 29.38 | Peak | 325.00 | 400 | Horizontal | Pass |
| 2** | 2860.800 | 34.92 | -10.21 | 54.0 | 19.08 | AV | 325.00 | 400 | Horizontal | Pass |
| 3 | 4274.400 | 48.36 | -4.58 | 74.0 | 25.64 | Peak | 21.00 | 150 | Horizontal | Pass |
| 3** | 4274.400 | 39.45 | -4.58 | 54.0 | 14.55 | AV | 21.00 | 150 | Horizontal | Pass |
| 4 | 5718.600 | 110.68 | -3.79 | -- | -- | Peak | 305.00 | 200 | Horizontal | N/A |
| 4** | 5718.600 | 105.43 | -3.79 | -- | -- | AV | 305.00 | 200 | Horizontal | N/A |
| 5 | 7433.550 | 47.73 | -2.54 | 74.0 | 26.27 | Peak | 16.00 | 150 | Horizontal | Pass |
| 5** | 7433.550 | 38.94 | -2.54 | 54.0 | 15.06 | AV | 16.00 | 150 | Horizontal | Pass |
| 6 | 12257.800 | 51.38 | 2.45 | 74.0 | 22.62 | Peak | 80.00 | 200 | Horizontal | Pass |
| 6** | 12257.800 | 41.62 | 2.45 | 54.0 | 12.38 | AV | 80.00 | 200 | Horizontal | Pass |

11n20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1331.800 | 43.74 | -17.60 | 74.0 | 30.26 | Peak | 119.00 | 300 | Vertical | Pass |
| 1** | 1331.800 | 34.56 | -17.60 | 54.0 | 19.44 | AV | 119.00 | 300 | Vertical | Pass |
| 2 | 2858.400 | 44.36 | -10.23 | 74.0 | 29.64 | Peak | 272.00 | 100 | Vertical | Pass |
| 2** | 2858.400 | 35.00 | -10.23 | 54.0 | 19.00 | AV | 272.00 | 100 | Vertical | Pass |
| 3 | 4296.800 | 48.61 | -4.53 | 74.0 | 25.39 | Peak | 336.00 | 200 | Vertical | Pass |
| 3** | 4296.800 | 39.86 | -4.53 | 54.0 | 14.14 | AV | 336.00 | 200 | Vertical | Pass |
| 4 | 5721.800 | 100.16 | -3.74 | -- | -- | Peak | 328.00 | 300 | Vertical | N/A |
| 4** | 5721.800 | 93.04 | -3.74 | -- | -- | AV | 328.00 | 300 | Vertical | N/A |
| 5 | 7571.837 | 48.53 | -2.58 | 74.0 | 25.47 | Peak | 359.00 | 200 | Vertical | Pass |
| 5** | 7571.837 | 38.92 | -2.58 | 54.0 | 15.08 | AV | 359.00 | 200 | Vertical | Pass |
| 6 | 11643.412 | 51.61 | 2.00 | 74.0 | 22.39 | Peak | 315.00 | 200 | Vertical | Pass |
| 6** | 11643.412 | 41.98 | 2.00 | 54.0 | 12.02 | AV | 315.00 | 200 | Vertical | Pass |

11n40, U-NII-2C&U-NII-3,1 GHz to 18 GHz, 142 Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.200 | 43.56 | -17.47 | 74.0 | 30.44 | Peak | 284.00 | 100 | Horizontal | Pass |
| 1** | 1329.200 | 30.88 | -17.47 | 54.0 | 23.12 | AV | 284.00 | 100 | Horizontal | Pass |
| 2 | 2735.000 | 44.34 | -10.40 | 74.0 | 29.66 | Peak | 103.00 | 100 | Horizontal | Pass |
| 2** | 2735.000 | 34.92 | -10.40 | 54.0 | 19.08 | AV | 103.00 | 100 | Horizontal | Pass |
| 3 | 4276.200 | 48.81 | -4.54 | 74.0 | 25.19 | Peak | 351.00 | 200 | Horizontal | Pass |
| 3** | 4276.200 | 40.20 | -4.54 | 54.0 | 13.80 | AV | 351.00 | 200 | Horizontal | Pass |
| 4 | 5715.200 | 95.66 | -3.73 | -- | -- | Peak | 52.00 | 100 | Horizontal | N/A |
| 4** | 5715.200 | 87.61 | -3.73 | -- | -- | AV | 52.00 | 100 | Horizontal | N/A |
| 5 | 7564.075 | 47.49 | -2.50 | 74.0 | 26.51 | Peak | 7.00 | 200 | Horizontal | Pass |
| 5** | 7564.075 | 39.31 | -2.50 | 54.0 | 14.69 | AV | 7.00 | 200 | Horizontal | Pass |
| 6 | 12161.487 | 51.31 | 2.32 | 74.0 | 22.69 | Peak | 0.00 | 400 | Horizontal | Pass |
| 6** | 12161.487 | 41.48 | 2.32 | 54.0 | 12.52 | AV | 0.00 | 400 | Horizontal | Pass |

11n40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.100 | 41.60 | -17.46 | 74.0 | 32.40 | Peak | 246.00 | 300 | Vertical | Pass |
| 1** | 1329.100 | 33.57 | -17.46 | 54.0 | 20.43 | AV | 246.00 | 300 | Vertical | Pass |
| 2 | 2728.500 | 44.40 | -10.39 | 74.0 | 29.60 | Peak | 227.00 | 100 | Vertical | Pass |
| 2** | 2728.500 | 34.71 | -10.39 | 54.0 | 19.29 | AV | 227.00 | 100 | Vertical | Pass |
| 3 | 4278.200 | 49.06 | -4.51 | 74.0 | 24.94 | Peak | 295.00 | 150 | Vertical | Pass |
| 3** | 4278.200 | 39.35 | -4.51 | 54.0 | 14.65 | AV | 295.00 | 150 | Vertical | Pass |
| 4 | 5713.200 | 95.91 | -3.77 | -- | -- | Peak | 55.00 | 300 | Vertical | N/A |
| 4** | 5713.200 | 87.75 | -3.77 | -- | -- | AV | 55.00 | 300 | Vertical | N/A |
| 5 | 7562.350 | 48.00 | -2.46 | 74.0 | 26.00 | Peak | 242.00 | 200 | Vertical | Pass |
| 5** | 7562.350 | 39.07 | -2.46 | 54.0 | 14.93 | AV | 242.00 | 200 | Vertical | Pass |
| 6 | 12222.151 | 51.10 | 2.42 | 74.0 | 22.90 | Peak | 360.00 | 200 | Vertical | Pass |
| 6** | 12222.151 | 41.71 | 2.42 | 54.0 | 12.29 | AV | 360.00 | 200 | Vertical | Pass |

11ac20, U-NII-2C&U-NII-3,1 GHz to 18 GHz, 144 Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.700 | 42.76 | -17.50 | 74.0 | 31.24 | Peak | 202.00 | 200 | Horizontal | Pass |
| 1** | 1329.700 | 35.14 | -17.50 | 54.0 | 18.86 | AV | 202.00 | 200 | Horizontal | Pass |
| 2 | 2868.100 | 44.14 | -10.48 | 74.0 | 29.86 | Peak | 54.00 | 200 | Horizontal | Pass |
| 2** | 2868.100 | 34.71 | -10.48 | 54.0 | 19.29 | AV | 54.00 | 200 | Horizontal | Pass |
| 3 | 4305.600 | 48.87 | -4.55 | 74.0 | 25.13 | Peak | 145.00 | 200 | Horizontal | Pass |
| 3** | 4305.600 | 39.33 | -4.55 | 54.0 | 14.67 | AV | 145.00 | 200 | Horizontal | Pass |
| 4 | 5720.600 | 110.61 | -3.68 | -- | -- | Peak | 303.00 | 200 | Horizontal | N/A |
| 4** | 5720.600 | 103.07 | -3.68 | -- | -- | AV | 303.00 | 200 | Horizontal | N/A |
| 5 | 7421.188 | 48.21 | -2.27 | 74.0 | 25.79 | Peak | 0.00 | 150 | Horizontal | Pass |
| 5** | 7421.188 | 39.07 | -2.27 | 54.0 | 14.93 | AV | 0.00 | 150 | Horizontal | Pass |
| 6 | 12267.862 | 51.43 | 2.30 | 74.0 | 22.57 | Peak | 101.00 | 200 | Horizontal | Pass |
| 6** | 12267.862 | 42.51 | 2.30 | 54.0 | 11.49 | AV | 101.00 | 200 | Horizontal | Pass |

11ac20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1332.700 | 44.10 | -17.63 | 74.0 | 29.90 | Peak | 312.00 | 300 | Vertical | Pass |
| 1** | 1332.700 | 35.07 | -17.63 | 54.0 | 18.93 | AV | 312.00 | 300 | Vertical | Pass |
| 2 | 2726.200 | 45.10 | -10.35 | 74.0 | 28.90 | Peak | 318.00 | 100 | Vertical | Pass |
| 2** | 2726.200 | 36.09 | -10.35 | 54.0 | 17.91 | AV | 318.00 | 100 | Vertical | Pass |
| 3 | 4291.000 | 48.66 | -4.60 | 74.0 | 25.34 | Peak | 272.00 | 150 | Vertical | Pass |
| 3** | 4291.000 | 39.88 | -4.60 | 54.0 | 14.12 | AV | 272.00 | 150 | Vertical | Pass |
| 4 | 5723.600 | 100.02 | -3.71 | -- | -- | Peak | 328.00 | 300 | Vertical | N/A |
| 4** | 5723.600 | 93.52 | -3.71 | -- | -- | AV | 328.00 | 300 | Vertical | N/A |
| 5 | 7559.187 | 48.73 | -2.45 | 74.0 | 25.27 | Peak | 274.00 | 150 | Vertical | Pass |
| 5** | 7559.187 | 38.63 | -2.45 | 54.0 | 15.37 | AV | 274.00 | 150 | Vertical | Pass |
| 6 | 12242.275 | 51.86 | 2.49 | 74.0 | 22.14 | Peak | 6.00 | 200 | Vertical | Pass |
| 6** | 12242.275 | 42.34 | 2.49 | 54.0 | 11.66 | AV | 6.00 | 200 | Vertical | Pass |

11ac40, U-NII-2C&U-NII-3,1 GHz to 18 GHz, 142 Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.800 | 44.49 | -17.51 | 74.0 | 29.51 | Peak | 254.00 | 200 | Horizontal | Pass |
| 1** | 1329.800 | 30.84 | -17.51 | 54.0 | 23.16 | AV | 254.00 | 200 | Horizontal | Pass |
| 2 | 2867.700 | 44.70 | -10.43 | 74.0 | 29.30 | Peak | 181.00 | 300 | Horizontal | Pass |
| 2** | 2867.700 | 35.14 | -10.43 | 54.0 | 18.86 | AV | 181.00 | 300 | Horizontal | Pass |
| 3 | 4185.000 | 48.68 | -4.92 | 74.0 | 25.32 | Peak | 104.00 | 150 | Horizontal | Pass |
| 3** | 4185.000 | 38.99 | -4.92 | 54.0 | 15.01 | AV | 104.00 | 150 | Horizontal | Pass |
| 4 | 5713.800 | 106.89 | -3.75 | -- | -- | Peak | 310.00 | 100 | Horizontal | N/A |
| 4** | 5713.800 | 99.43 | -3.75 | -- | -- | AV | 310.00 | 100 | Horizontal | N/A |
| 5 | 7425.212 | 47.89 | -2.29 | 74.0 | 26.11 | Peak | 34.00 | 200 | Horizontal | Pass |
| 5** | 7425.212 | 39.15 | -2.29 | 54.0 | 14.85 | AV | 34.00 | 200 | Horizontal | Pass |
| 6 | 12258.662 | 51.62 | 2.44 | 74.0 | 22.38 | Peak | 313.00 | 400 | Horizontal | Pass |
| 6** | 12258.662 | 42.11 | 2.44 | 54.0 | 11.89 | AV | 313.00 | 400 | Horizontal | Pass |

11ac40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1329.800 | 46.00 | -17.51 | 74.0 | 28.00 | Peak | 207.00 | 200 | Vertical | Pass |
| 1** | 1329.800 | 32.24 | -17.51 | 54.0 | 21.76 | AV | 207.00 | 200 | Vertical | Pass |
| 2 | 2823.100 | 44.11 | -10.24 | 74.0 | 29.89 | Peak | 233.00 | 400 | Vertical | Pass |
| 2** | 2823.100 | 35.17 | -10.24 | 54.0 | 18.83 | AV | 233.00 | 400 | Vertical | Pass |
| 3 | 4300.600 | 49.29 | -4.56 | 74.0 | 24.71 | Peak | 246.00 | 100 | Vertical | Pass |
| 3** | 4300.600 | 40.13 | -4.56 | 54.0 | 13.87 | AV | 246.00 | 100 | Vertical | Pass |
| 4 | 5718.600 | 94.82 | -3.79 | -- | -- | Peak | 334.00 | 100 | Vertical | N/A |
| 4** | 5718.600 | 86.35 | -3.79 | -- | -- | AV | 334.00 | 100 | Vertical | N/A |
| 5 | 7416.587 | 48.20 | -2.20 | 74.0 | 25.80 | Peak | 194.00 | 100 | Vertical | Pass |
| 5** | 7416.587 | 40.02 | -2.20 | 54.0 | 13.98 | AV | 194.00 | 100 | Vertical | Pass |
| 6 | 12218.125 | 51.47 | 2.41 | 74.0 | 22.53 | Peak | 65.00 | 200 | Vertical | Pass |
| 6** | 12218.125 | 42.94 | 2.41 | 54.0 | 11.06 | AV | 65.00 | 200 | Vertical | Pass |

11ac80, U-NII-2C&U-NII-3,1 GHz to 18 GHz, 138 Channel, ANT H

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1331.600 | 44.88 | -17.59 | 74.0 | 29.12 | Peak | 173.00 | 300 | Horizontal | Pass |
| 1** | 1331.600 | 32.30 | -17.59 | 54.0 | 21.70 | AV | 173.00 | 300 | Horizontal | Pass |
| 2 | 2823.600 | 44.63 | -10.23 | 74.0 | 29.37 | Peak | 65.00 | 100 | Horizontal | Pass |
| 2** | 2823.600 | 34.87 | -10.23 | 54.0 | 19.13 | AV | 65.00 | 100 | Horizontal | Pass |
| 3 | 4351.600 | 48.62 | -4.70 | 74.0 | 25.38 | Peak | 58.00 | 200 | Horizontal | Pass |
| 3** | 4351.600 | 39.29 | -4.70 | 54.0 | 14.71 | AV | 58.00 | 200 | Horizontal | Pass |
| 4 | 5692.200 | 103.91 | -3.63 | -- | -- | Peak | 318.00 | 100 | Horizontal | N/A |
| 4** | 5692.200 | 95.51 | -3.63 | -- | -- | AV | 318.00 | 100 | Horizontal | N/A |
| 5 | 7415.150 | 48.34 | -2.19 | 74.0 | 25.66 | Peak | 9.00 | 150 | Horizontal | Pass |
| 5** | 7415.150 | 38.96 | -2.19 | 54.0 | 15.04 | AV | 9.00 | 150 | Horizontal | Pass |
| 6 | 12224.451 | 50.95 | 2.43 | 74.0 | 23.05 | Peak | 142.00 | 100 | Horizontal | Pass |
| 6** | 12224.451 | 42.63 | 2.43 | 54.0 | 11.37 | AV | 142.00 | 100 | Horizontal | Pass |

11ac80, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 138 Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1328.900 | 47.72 | -17.45 | 74.0 | 26.28 | Peak | 313.00 | 300 | Vertical | Pass |
| 1** | 1328.900 | 32.48 | -17.45 | 54.0 | 21.52 | AV | 313.00 | 300 | Vertical | Pass |
| 2 | 2848.000 | 44.36 | -10.65 | 74.0 | 29.64 | Peak | 186.00 | 400 | Vertical | Pass |
| 2** | 2848.000 | 35.55 | -10.65 | 54.0 | 18.45 | AV | 186.00 | 400 | Vertical | Pass |
| 3 | 4300.200 | 49.72 | -4.55 | 74.0 | 24.28 | Peak | 174.00 | 200 | Vertical | Pass |
| 3** | 4300.200 | 40.23 | -4.55 | 54.0 | 13.77 | AV | 174.00 | 200 | Vertical | Pass |
| 4 | 5682.400 | 91.20 | -3.64 | -- | -- | Peak | 340.00 | 300 | Vertical | N/A |
| 4** | 5682.400 | 83.79 | -3.64 | -- | -- | AV | 340.00 | 300 | Vertical | N/A |
| 5 | 7580.175 | 48.08 | -2.61 | 74.0 | 25.92 | Peak | 16.00 | 100 | Vertical | Pass |
| 5** | 7580.175 | 38.76 | -2.61 | 54.0 | 15.24 | AV | 16.00 | 100 | Vertical | Pass |
| 6 | 12252.338 | 51.47 | 2.51 | 74.0 | 22.53 | Peak | 344.00 | 400 | Vertical | Pass |
| 6** | 12252.338 | 42.17 | 2.51 | 54.0 | 11.83 | AV | 344.00 | 400 | Vertical | Pass |

## A.6.2 Band Edge (Restricted-band)

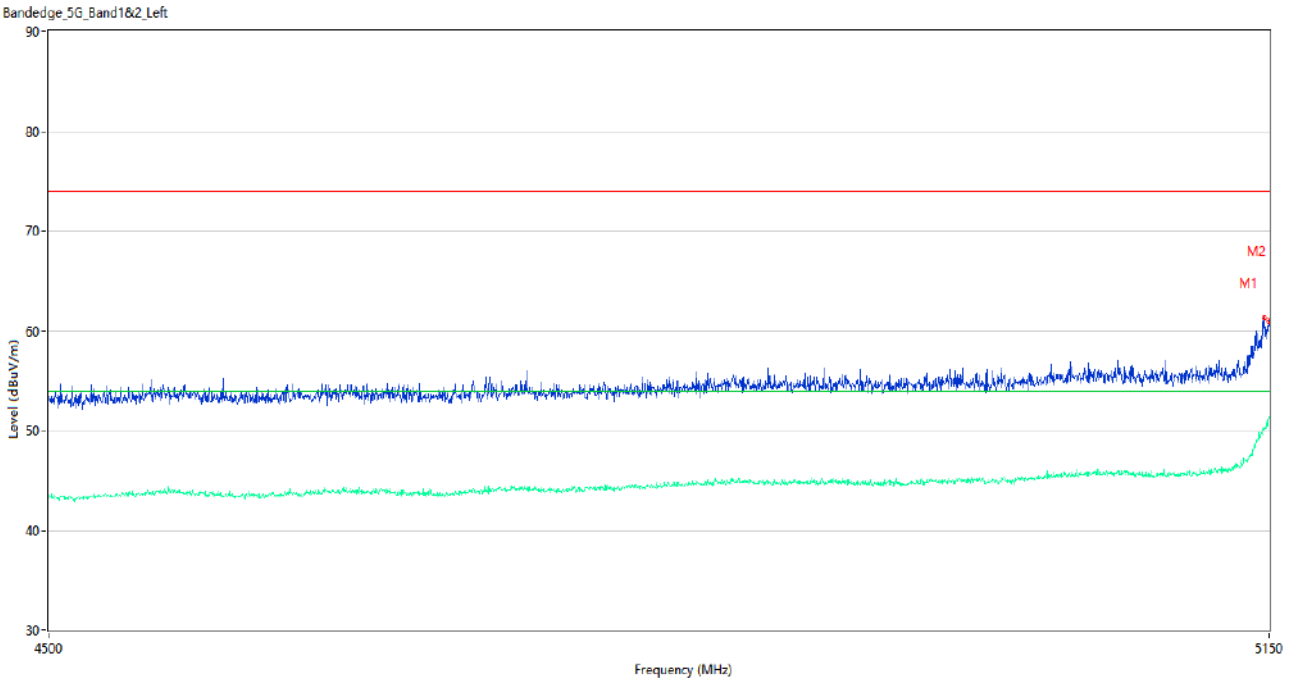
| Test Band | Mode | Channel | Verdict |
|---|---|---|---|
| U-NII-1 | 802.11a | Low | Pass |
| | | High | Pass |
| | 802.11n(HT20) | Low | Pass |
| | | High | Pass |
| | 802.11n(HT40) | Low | Pass |
| | | High | Pass |
| | 802.11ac(VHT20) | Low | Pass |
| | | High | Pass |
| | 802.11ac(VHT40) | Low | Pass |
| | | High | Pass |
| | 802.11ac(VHT80) | Middle | Pass |
| U-NII-2A | 802.11a | Low | Pass |
| | | High | Pass |
| | 802.11n(HT20) | Low | Pass |
| | | High | Pass |
| | 802.11n(HT40) | Low | Pass |
| | | High | Pass |
| | 802.11ac(VHT20) | Low | Pass |
| | | High | Pass |
| | 802.11ac(VHT40) | Low | Pass |
| | | High | Pass |
| | 802.11ac(VHT80) | Middle | Pass |
| U-NII-2C | 802.11a | Low | Pass |
| | | High | Pass |
| | 802.11n(HT20) | Low | Pass |
| | | High | Pass |
| | 802.11n(HT40) | Low | Pass |
| | | High | Pass |
| | 802.11ac(VHT20) | Low | Pass |
| | | High | Pass |
| | 802.11ac(VHT40) | Low | Pass |
| | | High | Pass |
| | 802.11ac(VHT80) | Low | Pass |
| | | High | Pass |
| U-NII-3 | 802.11a | Low | Pass |
| | | High | Pass |
| | 802.11n(HT20) | Low | Pass |
| | | High | Pass |
| | 802.11n(HT40) | Low | Pass |
| | | High | Pass |

| | | | |
|---|---|---|---|
| | 802.11ac(VHT20) | Low | Pass |
| | | High | Pass |
| | 802.11ac(VHT40) | Low | Pass |
| | | High | Pass |
| | 802.11ac(VHT80) | Middle | Pass |

| Test Band | Mode | Channel | Verdict |
|---|---|---|---|
| U-NII-2C & U-NII-3 | 802.11a | 144 | Pass |
| | 802.11n(HT20) | 144 | Pass |
| | 802.11n(HT40) | 142 | Pass |
| | 802.11ac(VHT20) | 144 | Pass |
| | 802.11ac(VHT40) | 142 | Pass |
| | 802.11ac(VHT80) | 138 | Pass |

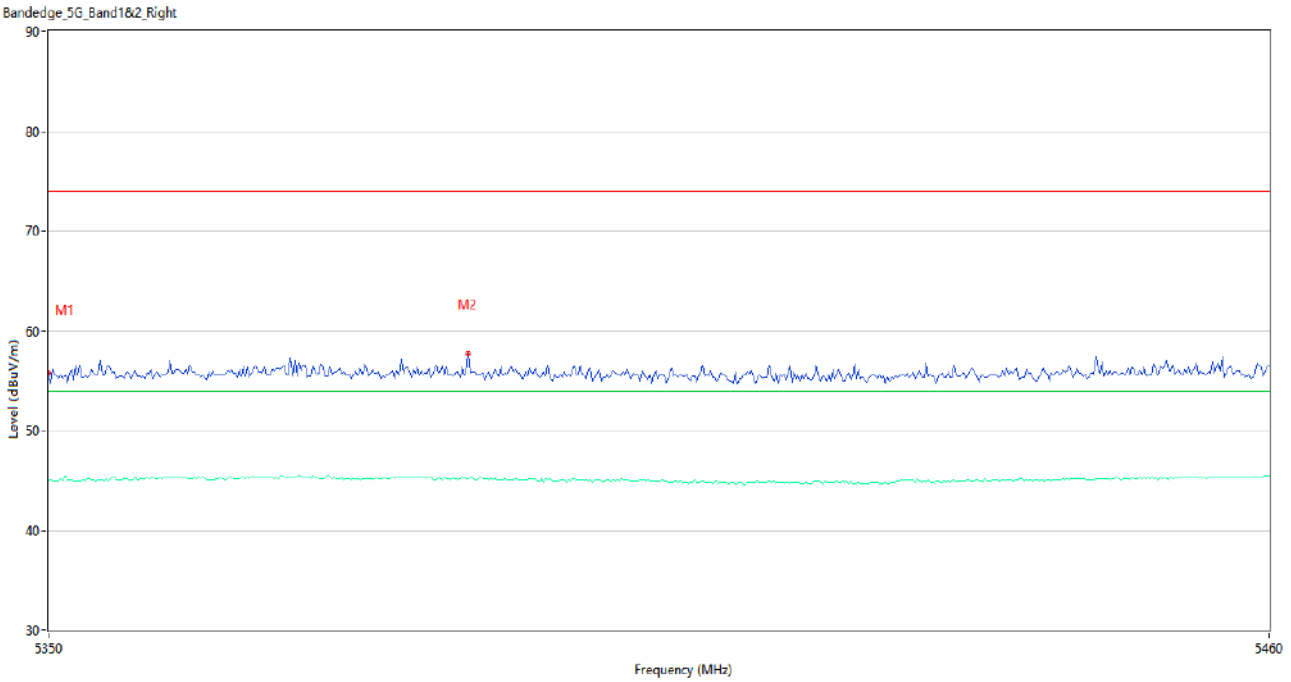
## Test Data and Plots

### U-NII-1 11a Low Channel



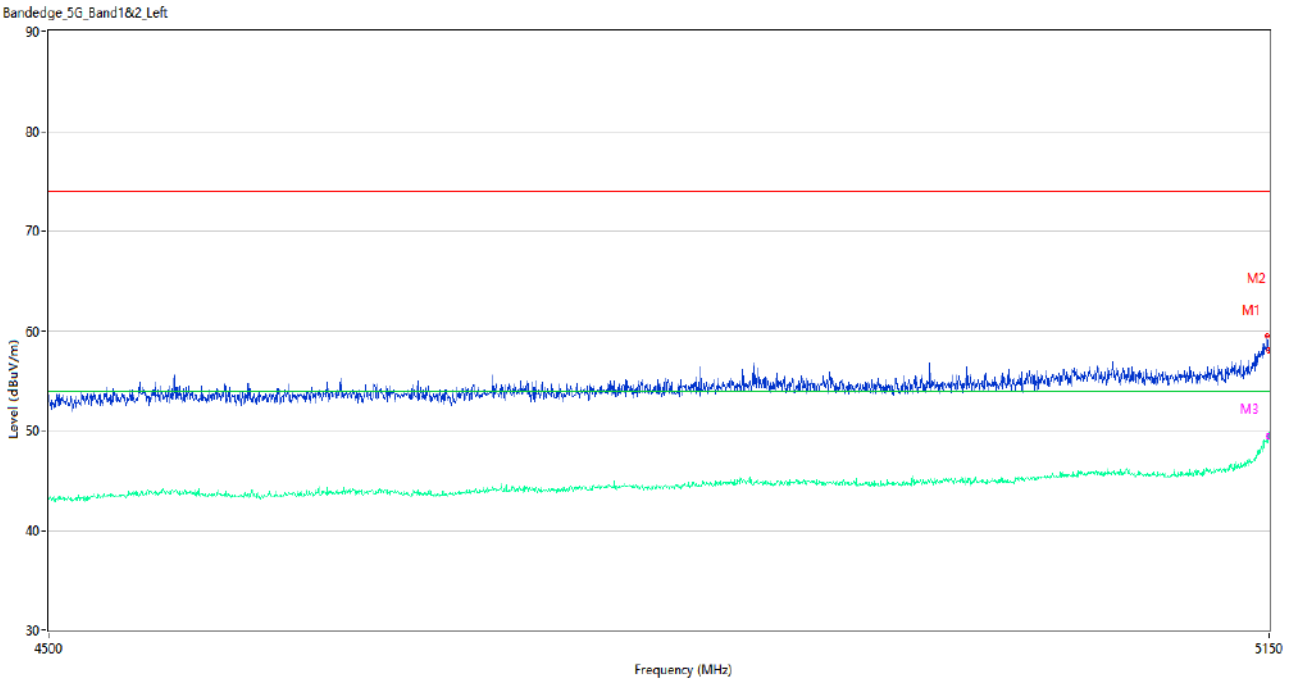

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5147.400 | 61.25 | 2.46 | 74.0 | 12.75 | Peak | 151.00 | 300 | Horizontal | Pass |
| 1** | 5147.400 | 50.16 | 2.46 | 54.0 | 3.84 | AV | 151.00 | 300 | Horizontal | Pass |
| 2 | 5150.000 | 60.99 | 2.46 | 74.0 | 13.01 | Peak | 163.00 | 300 | Horizontal | Pass |
| 2** | 5150.000 | 51.32 | 2.46 | 54.0 | 2.68 | AV | 163.00 | 300 | Horizontal | Pass |

## U-NII-1 11a High Channel



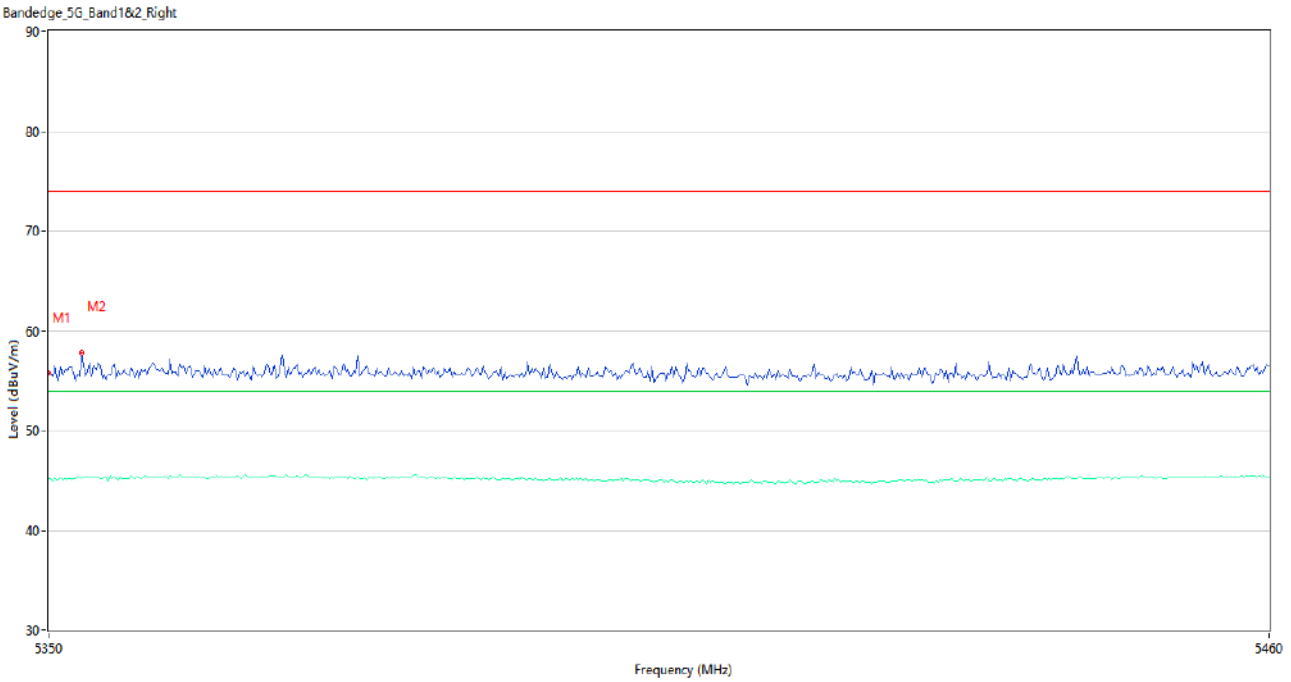

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 55.75 | 2.52 | 74.0 | 18.25 | Peak | 116.00 | 100 | Horizontal | Pass |
| 1** | 5350.000 | 44.95 | 2.52 | 54.0 | 9.05 | AV | 116.00 | 100 | Horizontal | Pass |
| 2 | 5387.583 | 57.68 | 2.44 | 74.0 | 16.32 | Peak | 259.00 | 100 | Horizontal | Pass |
| 2** | 5387.583 | 45.18 | 2.44 | 54.0 | 8.82 | AV | 259.00 | 100 | Horizontal | Pass |

## U-NII-1 11n20 Low Channel



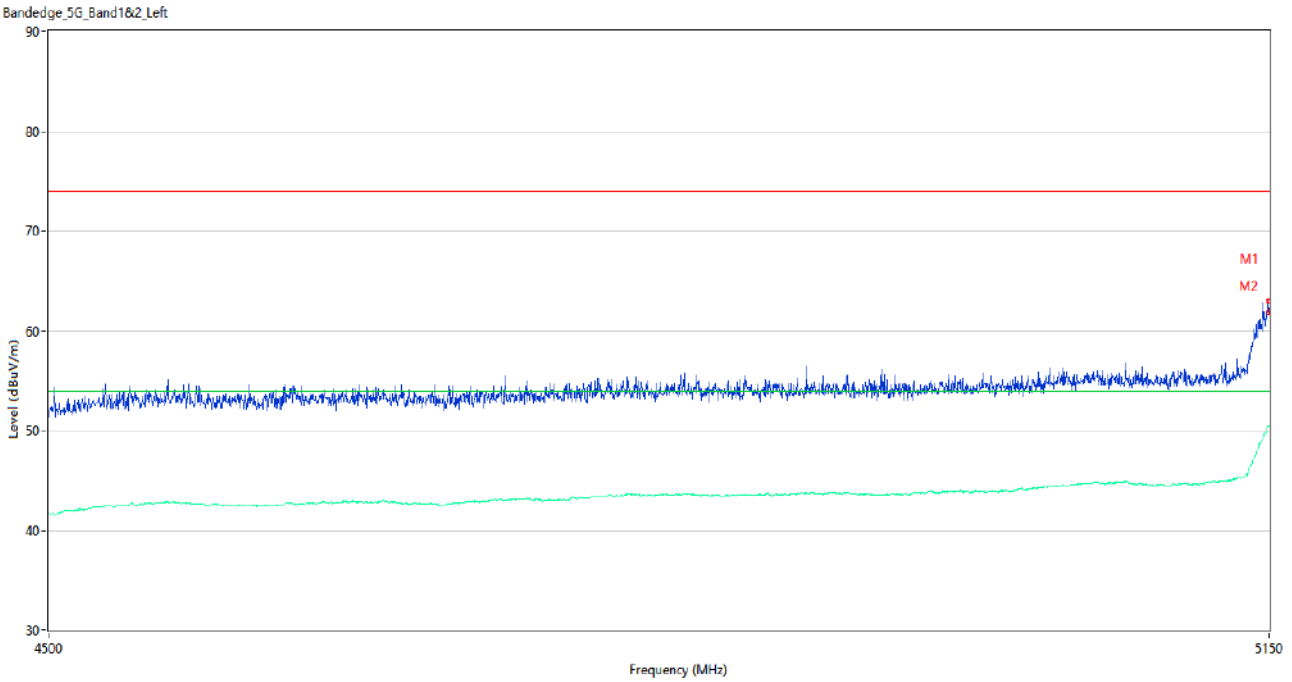

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5149.025 | 59.45 | 2.49 | 74.0 | 14.55 | Peak | 155.00 | 400 | Horizontal | Pass |
| 1** | 5149.025 | 48.92 | 2.49 | 54.0 | 5.08 | AV | 155.00 | 400 | Horizontal | Pass |
| 2 | 5150.000 | 58.07 | 2.46 | 74.0 | 15.93 | Peak | 162.00 | 400 | Horizontal | Pass |
| 2** | 5150.000 | 49.76 | 2.46 | 54.0 | 4.24 | AV | 162.00 | 400 | Horizontal | Pass |
| 3 | 5149.350 | 58.85 | 2.48 | 74.0 | 15.15 | Peak | 148.00 | 150 | Horizontal | Pass |
| 3** | 5149.350 | 49.44 | 2.48 | 54.0 | 4.56 | AV | 148.00 | 150 | Horizontal | Pass |

## U-NII-1 11n20 High Channel



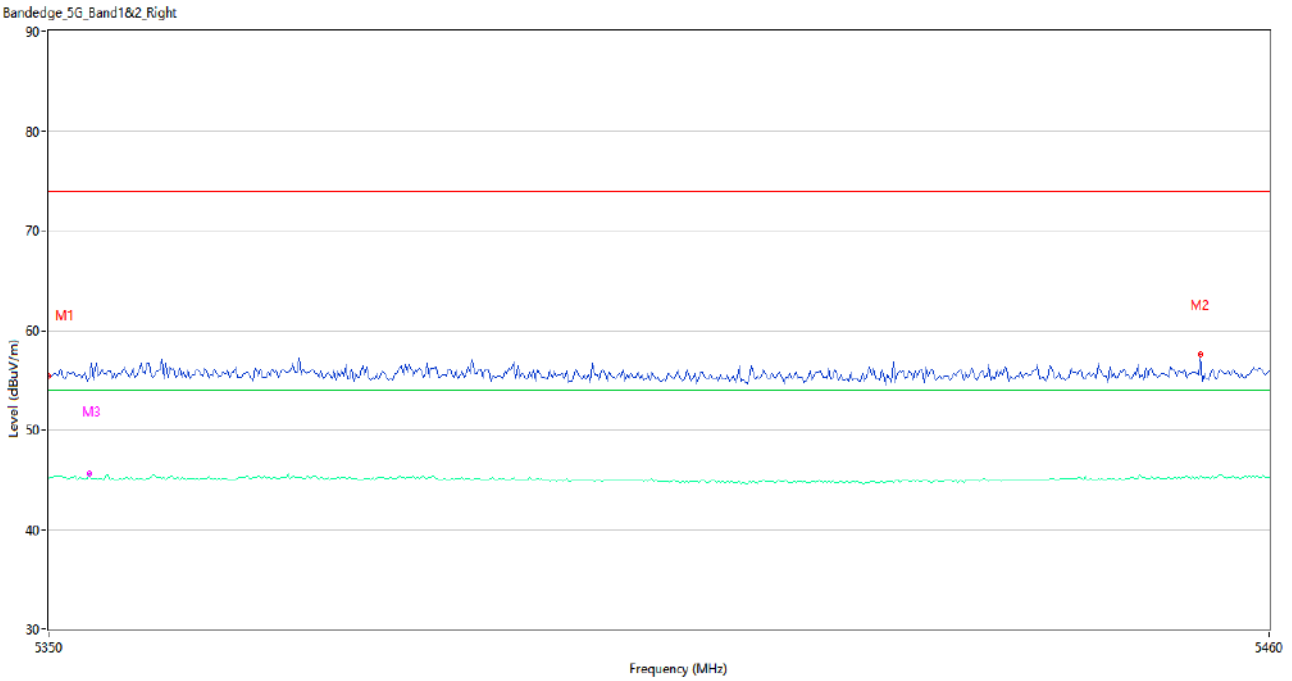

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 55.72 | 2.52 | 74.0 | 18.28 | Peak | 145.00 | 100 | Horizontal | Pass |
| 1** | 5350.000 | 45.09 | 2.52 | 54.0 | 8.91 | AV | 145.00 | 100 | Horizontal | Pass |
| 2 | 5352.933 | 57.81 | 2.52 | 74.0 | 16.19 | Peak | 60.00 | 400 | Horizontal | Pass |
| 2** | 5352.933 | 45.12 | 2.52 | 54.0 | 8.88 | AV | 60.00 | 400 | Horizontal | Pass |

## U-NII-1 11n40 Low Channel



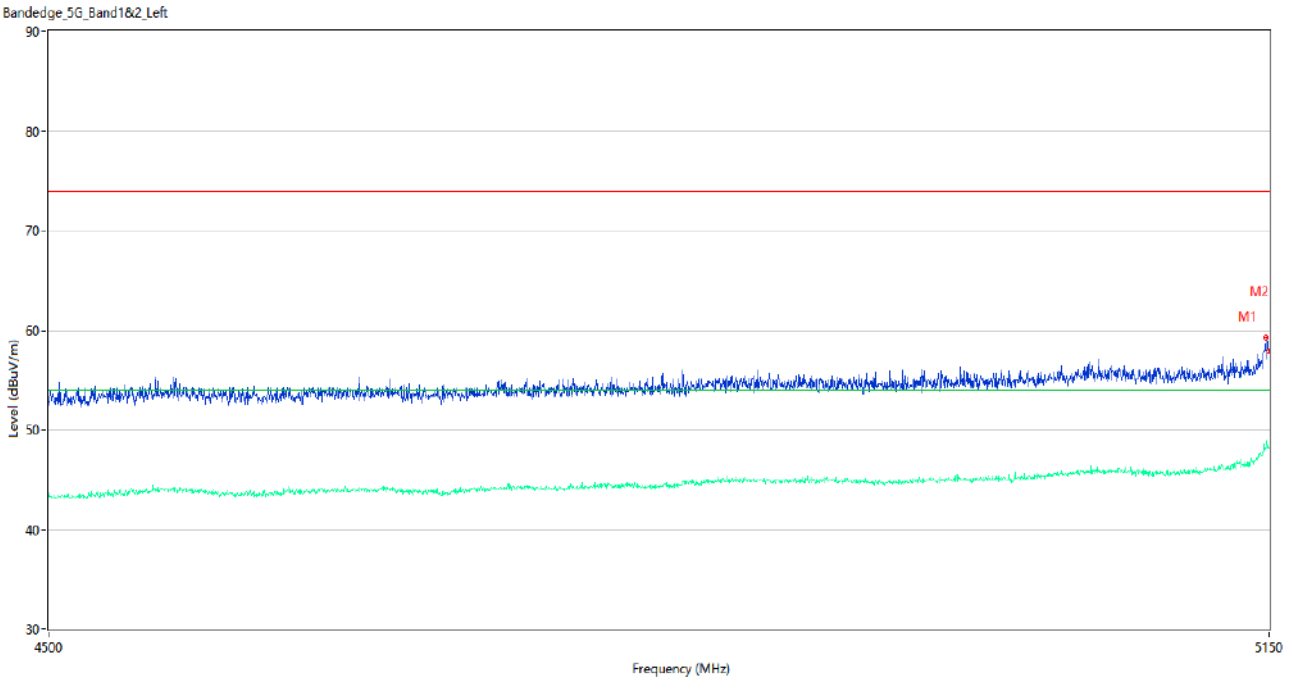

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5149.675 | 62.95 | 2.47 | 74.0 | 11.05 | Peak | 262.00 | 100 | Horizontal | Pass |
| 1** | 5149.675 | 50.40 | 2.47 | 54.0 | 3.60 | AV | 262.00 | 100 | Horizontal | Pass |
| 2 | 5150.000 | 61.88 | 2.46 | 74.0 | 12.12 | Peak | 262.00 | 100 | Horizontal | Pass |
| 2** | 5150.000 | 50.44 | 2.46 | 54.0 | 3.56 | AV | 262.00 | 100 | Horizontal | Pass |

## U-NII-1 11n40 High Channel



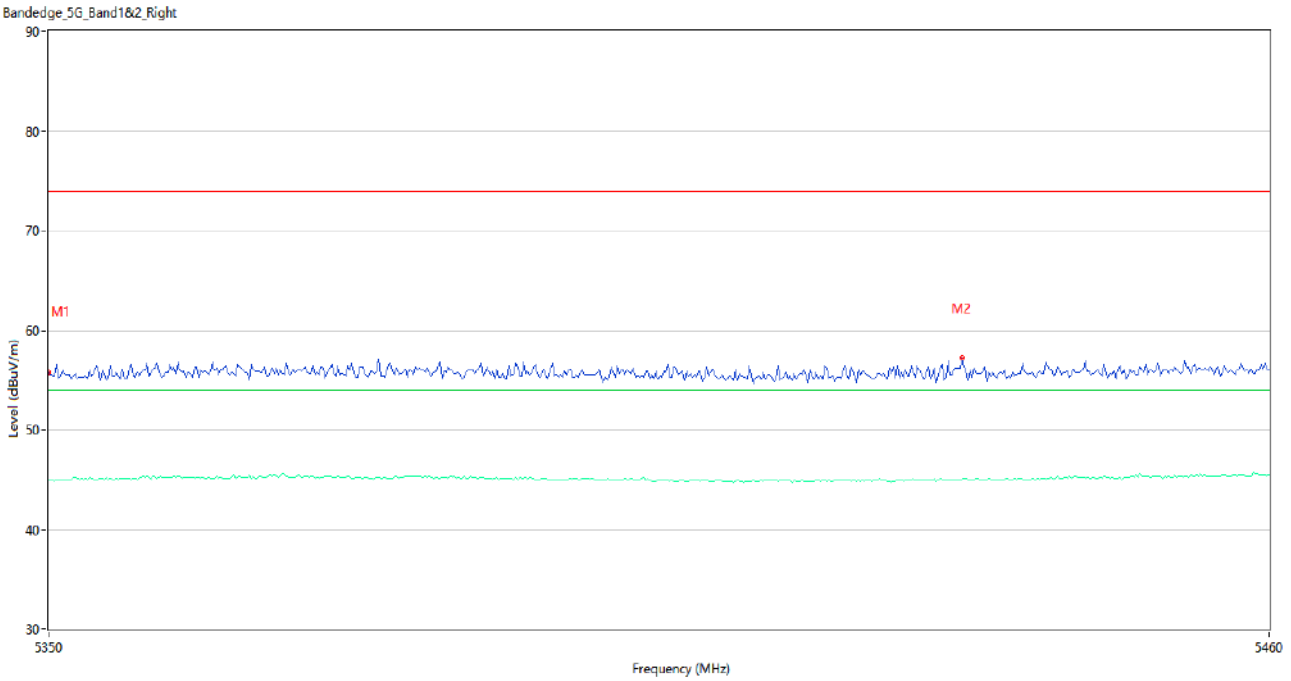

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 55.39 | 2.52 | 74.0 | 18.61 | Peak | 260.00 | 100 | Horizontal | Pass |
| 1** | 5350.000 | 45.15 | 2.52 | 54.0 | 8.85 | AV | 260.00 | 100 | Horizontal | Pass |
| 2 | 5453.767 | 57.52 | 2.60 | 74.0 | 16.48 | Peak | 355.00 | 400 | Horizontal | Pass |
| 2** | 5453.767 | 45.33 | 2.60 | 54.0 | 8.67 | AV | 355.00 | 400 | Horizontal | Pass |
| 3 | 5353.667 | 55.43 | 2.51 | 74.0 | 18.57 | Peak | 41.00 | 150 | Horizontal | Pass |
| 3** | 5353.667 | 45.63 | 2.51 | 54.0 | 8.37 | AV | 41.00 | 150 | Horizontal | Pass |

## U-NII-1 11ac20 Low Channel



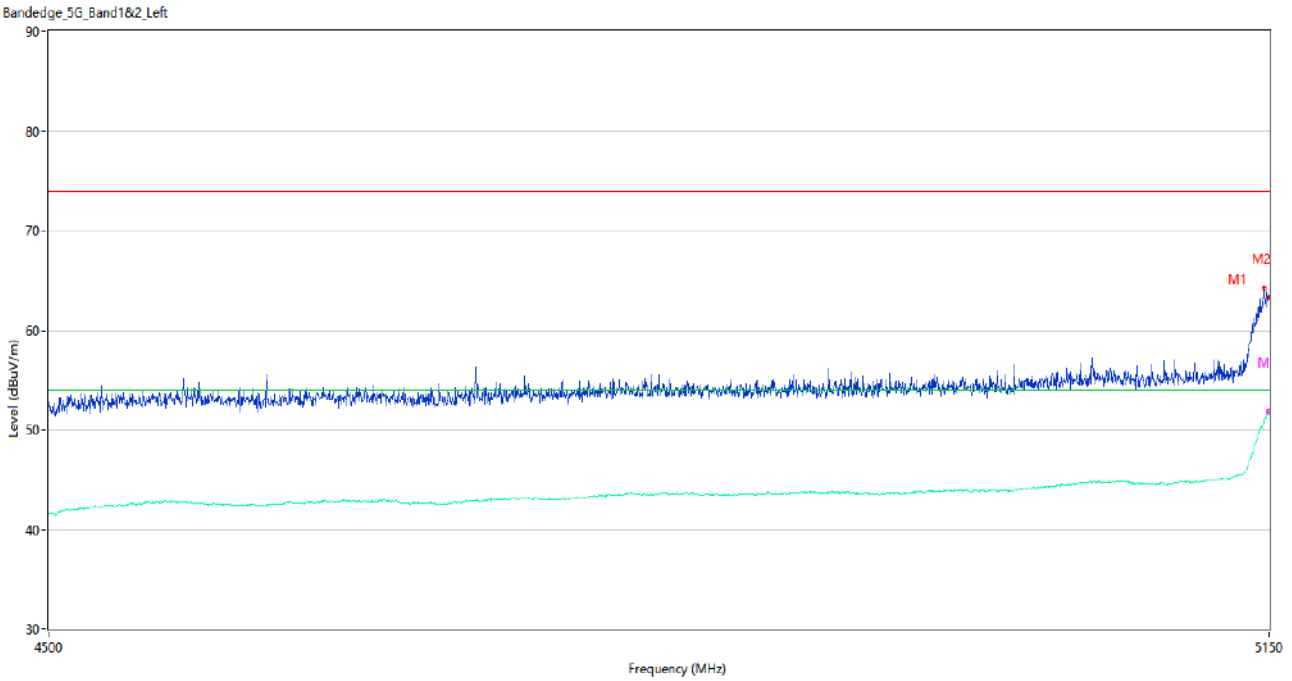

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5148.050 | 59.25 | 2.48 | 74.0 | 14.75 | Peak | 152.00 | 100 | Horizontal | Pass |
| 1** | 5148.050 | 48.24 | 2.48 | 54.0 | 5.76 | AV | 152.00 | 100 | Horizontal | Pass |
| 2 | 5150.000 | 57.93 | 2.46 | 74.0 | 16.07 | Peak | 154.00 | 200 | Horizontal | Pass |
| 2** | 5150.000 | 48.24 | 2.46 | 54.0 | 5.76 | AV | 154.00 | 200 | Horizontal | Pass |

## U-NII-1 11ac20 High Channel



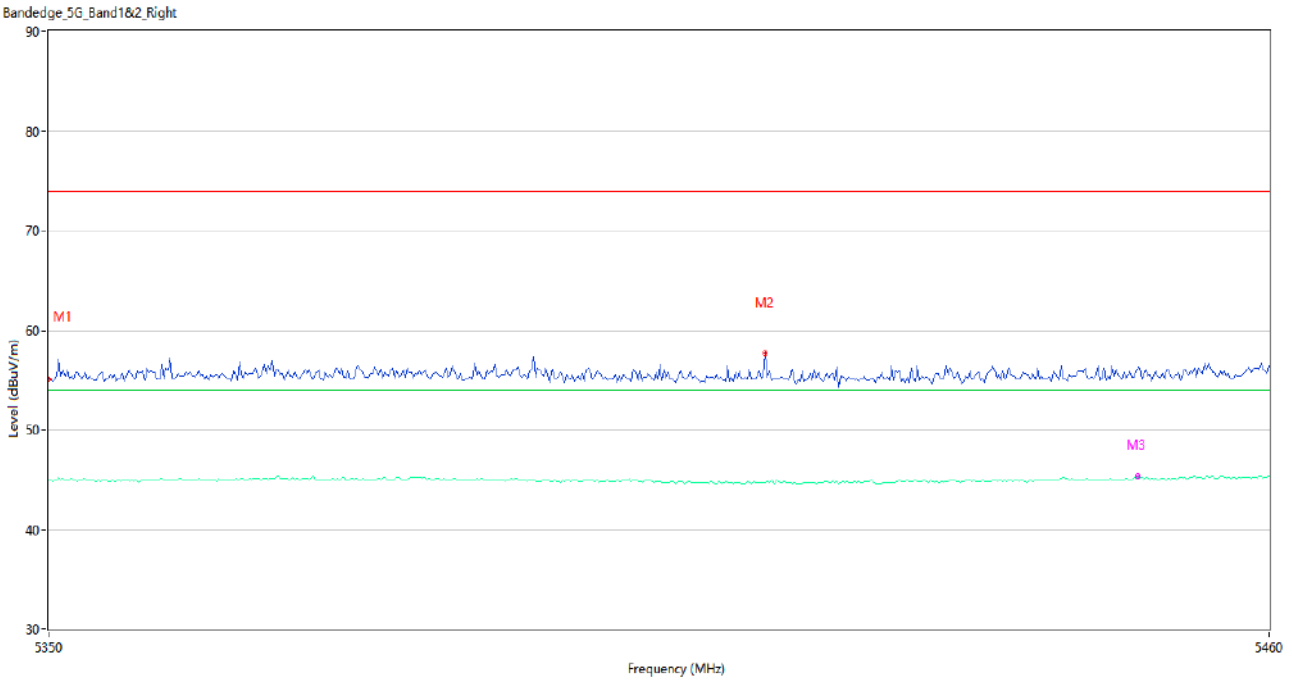

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 55.81 | 2.52 | 74.0 | 18.19 | Peak | 42.00 | 300 | Horizontal | Pass |
| 1** | 5350.000 | 44.99 | 2.52 | 54.0 | 9.01 | AV | 42.00 | 300 | Horizontal | Pass |
| 2 | 5432.133 | 57.18 | 2.34 | 74.0 | 16.82 | Peak | 29.00 | 100 | Horizontal | Pass |
| 2** | 5432.133 | 44.98 | 2.34 | 54.0 | 9.02 | AV | 29.00 | 100 | Horizontal | Pass |

## U-NII-1 11ac40 Low Channel



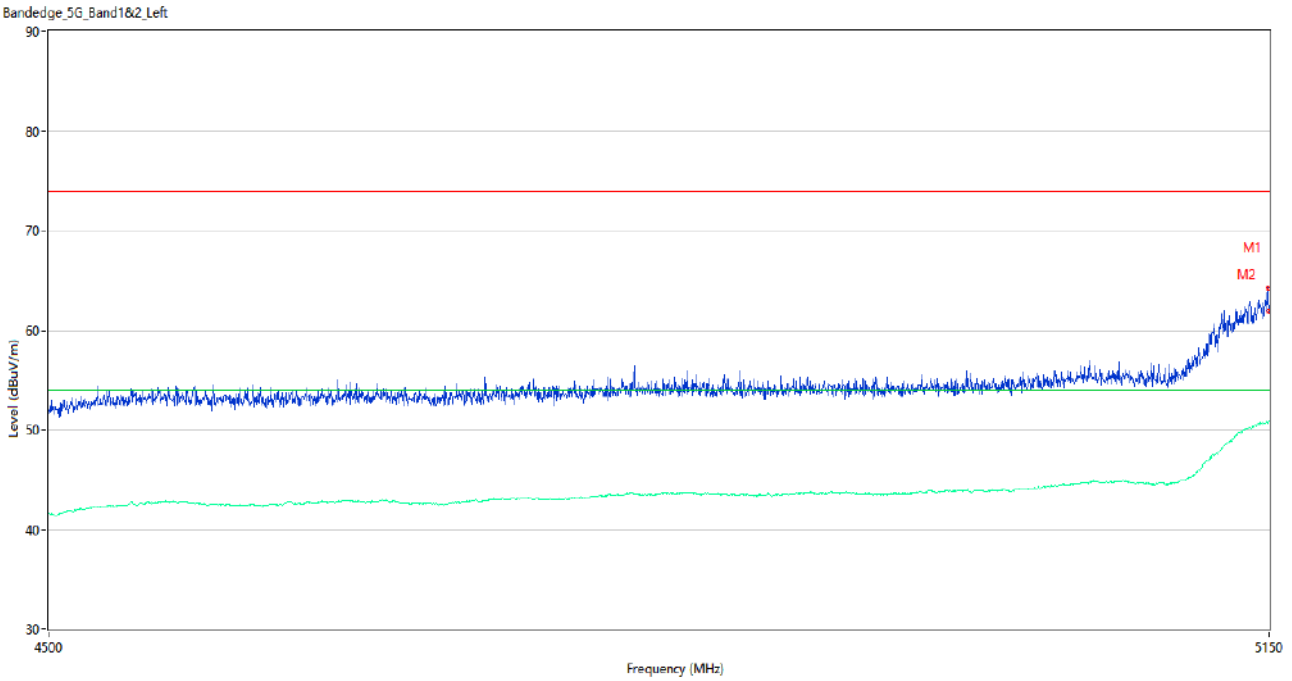

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5147.075 | 64.25 | 2.45 | 74.0 | 9.75 | Peak | 248.00 | 400 | Horizontal | Pass |
| 1** | 5147.075 | 50.80 | 2.45 | 54.0 | 3.20 | AV | 248.00 | 400 | Horizontal | Pass |
| 2 | 5150.000 | 63.37 | 2.46 | 74.0 | 10.63 | Peak | 248.00 | 400 | Horizontal | Pass |
| 2** | 5150.000 | 51.72 | 2.46 | 54.0 | 2.28 | AV | 248.00 | 400 | Horizontal | Pass |
| 3 | 5149.675 | 63.21 | 2.47 | 74.0 | 10.79 | Peak | 248.00 | 400 | Horizontal | Pass |
| 3** | 5149.675 | 51.79 | 2.47 | 54.0 | 2.21 | AV | 248.00 | 400 | Horizontal | Pass |

## U-NII-1 11ac40 High Channel



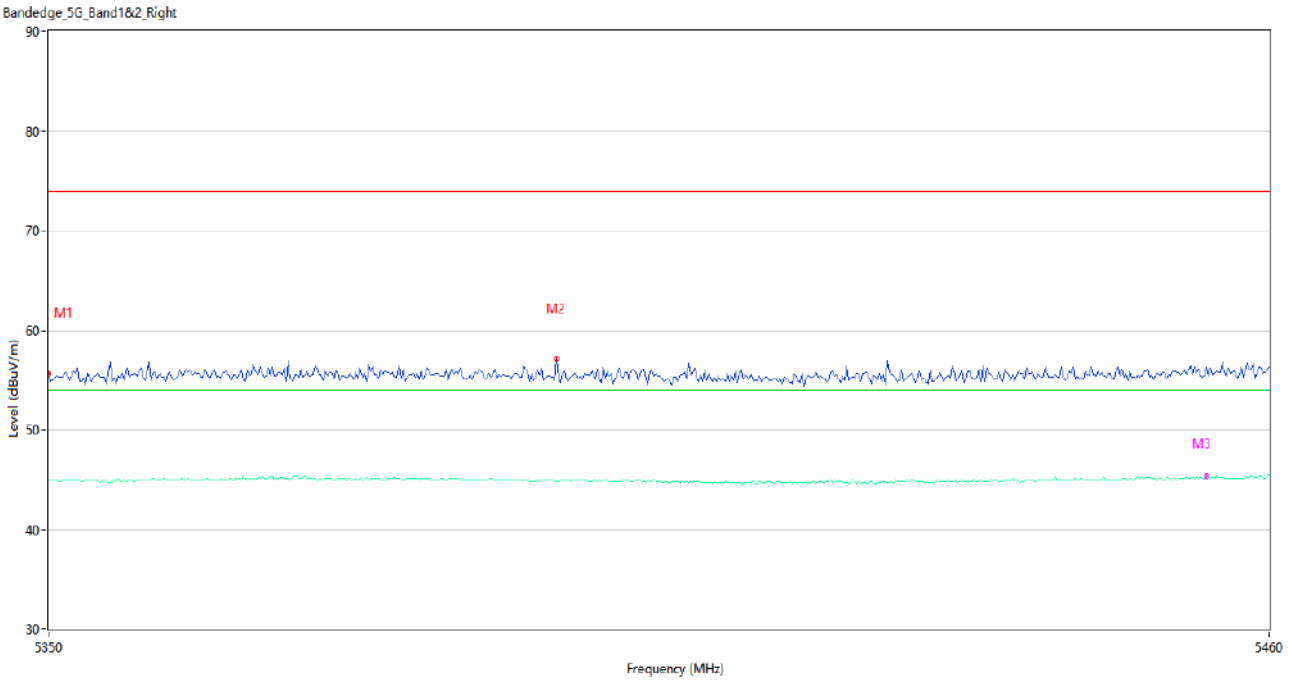

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 55.12 | 2.52 | 74.0 | 18.88 | Peak | 360.00 | 100 | Horizontal | Pass |
| 1** | 5350.000 | 44.88 | 2.52 | 54.0 | 9.12 | AV | 360.00 | 100 | Horizontal | Pass |
| 2 | 5414.350 | 57.74 | 2.30 | 74.0 | 16.26 | Peak | 12.00 | 200 | Horizontal | Pass |
| 2** | 5414.350 | 44.67 | 2.30 | 54.0 | 9.33 | AV | 12.00 | 200 | Horizontal | Pass |
| 3 | 5448.083 | 56.34 | 2.55 | 74.0 | 17.66 | Peak | 93.00 | 150 | Horizontal | Pass |
| 3** | 5448.083 | 45.41 | 2.55 | 54.0 | 8.59 | AV | 93.00 | 150 | Horizontal | Pass |

## U-NII-1 11ac80 Middle Channel



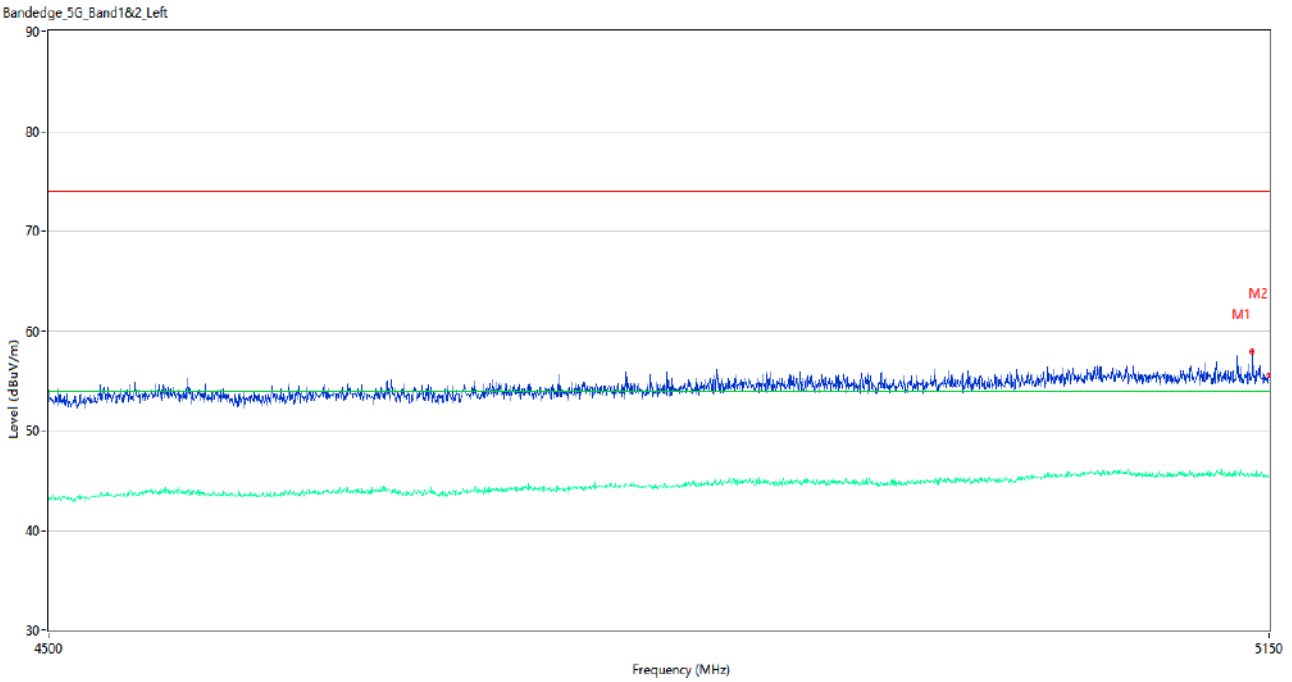

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5149.350 | 64.23 | 2.48 | 74.0 | 9.77 | Peak | 234.00 | 300 | Horizontal | Pass |
| 1** | 5149.350 | 50.75 | 2.48 | 54.0 | 3.25 | AV | 234.00 | 300 | Horizontal | Pass |
| 2 | 5150.000 | 61.88 | 2.46 | 74.0 | 12.12 | Peak | 234.00 | 300 | Horizontal | Pass |
| 2** | 5150.000 | 50.95 | 2.46 | 54.0 | 3.05 | AV | 234.00 | 300 | Horizontal | Pass |

## U-NII-1 11ac80 Middle Channel



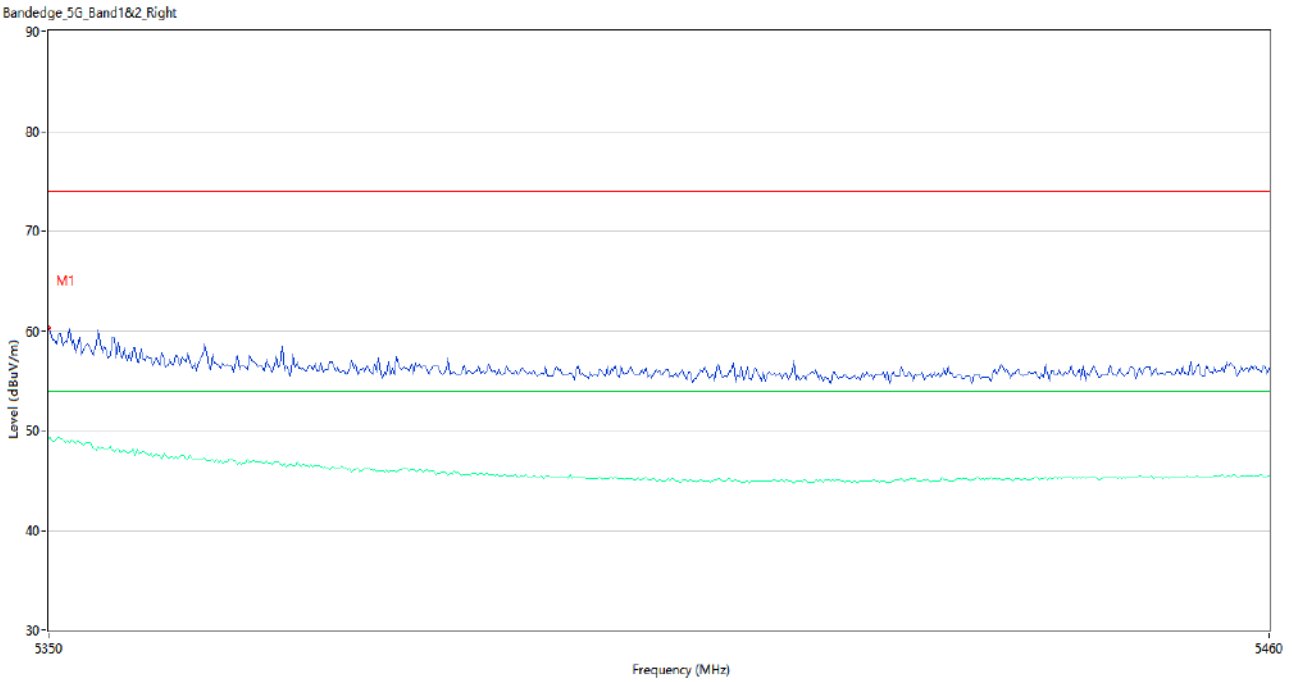

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 55.62 | 2.52 | 74.0 | 18.38 | Peak | 3.00 | 300 | Horizontal | Pass |
| 1** | 5350.000 | 45.03 | 2.52 | 54.0 | 8.97 | AV | 3.00 | 300 | Horizontal | Pass |
| 2 | 5395.467 | 57.16 | 2.32 | 74.0 | 16.84 | Peak | 88.00 | 400 | Horizontal | Pass |
| 2** | 5395.467 | 44.84 | 2.32 | 54.0 | 9.16 | AV | 88.00 | 400 | Horizontal | Pass |
| 3 | 5454.317 | 56.29 | 2.61 | 74.0 | 17.71 | Peak | 50.00 | 150 | Horizontal | Pass |
| 3** | 5454.317 | 45.39 | 2.61 | 54.0 | 8.61 | AV | 50.00 | 150 | Horizontal | Pass |

## U-NII-2A 11a Low Channel



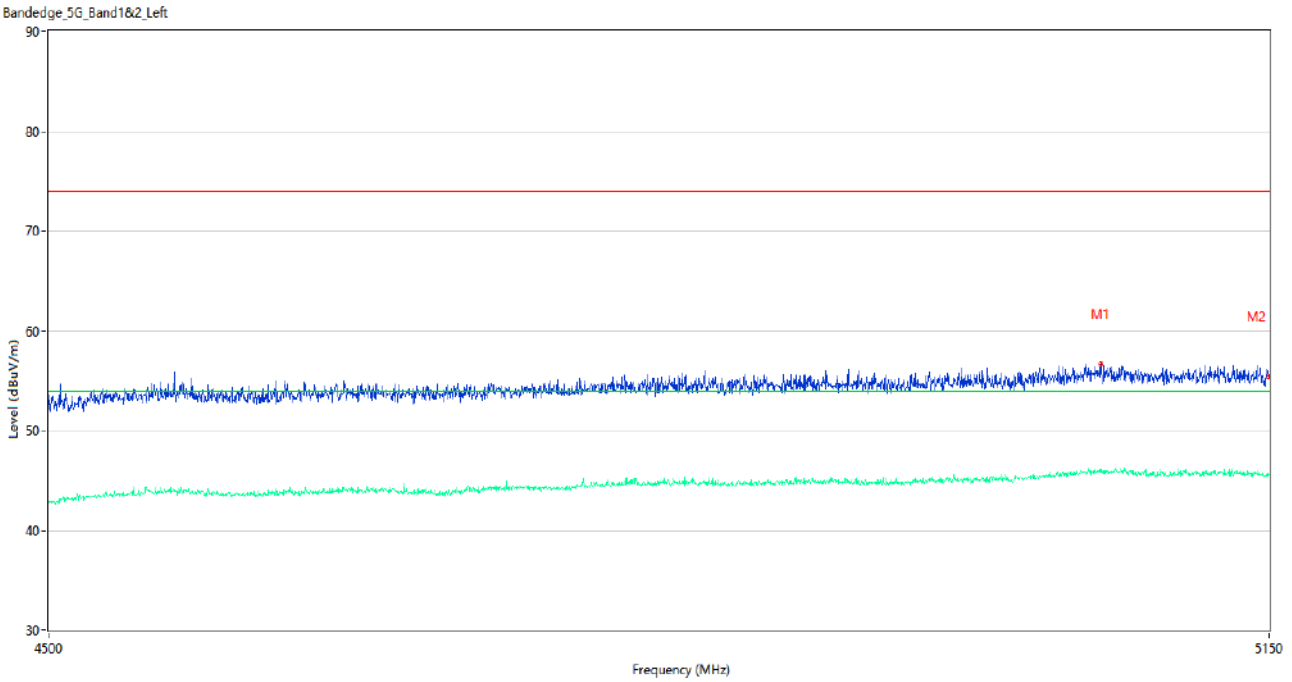

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5140.575 | 57.94 | 2.46 | 74.0 | 16.06 | Peak | 272.00 | 400 | Horizontal | Pass |
| 1** | 5140.575 | 45.45 | 2.46 | 54.0 | 8.55 | AV | 272.00 | 400 | Horizontal | Pass |
| 2 | 5150.000 | 55.55 | 2.46 | 74.0 | 18.45 | Peak | 359.00 | 300 | Horizontal | Pass |
| 2** | 5150.000 | 45.28 | 2.46 | 54.0 | 8.72 | AV | 359.00 | 300 | Horizontal | Pass |

## U-NII-2A 11a High Channel



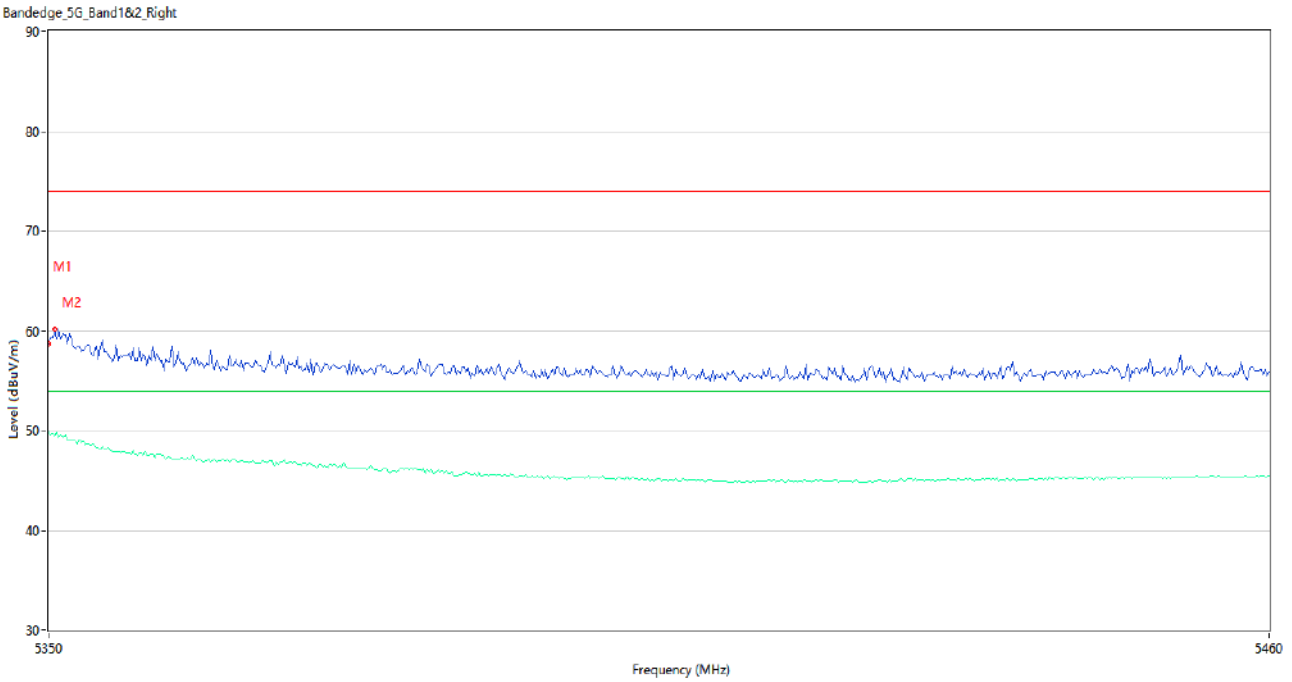

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 60.24 | 2.52 | 74.0 | 13.76 | Peak | 315.00 | 300 | Horizontal | Pass |
| 1** | 5350.000 | 49.23 | 2.52 | 54.0 | 4.77 | AV | 315.00 | 300 | Horizontal | Pass |

## U-NII-2A 11n20 Low Channel



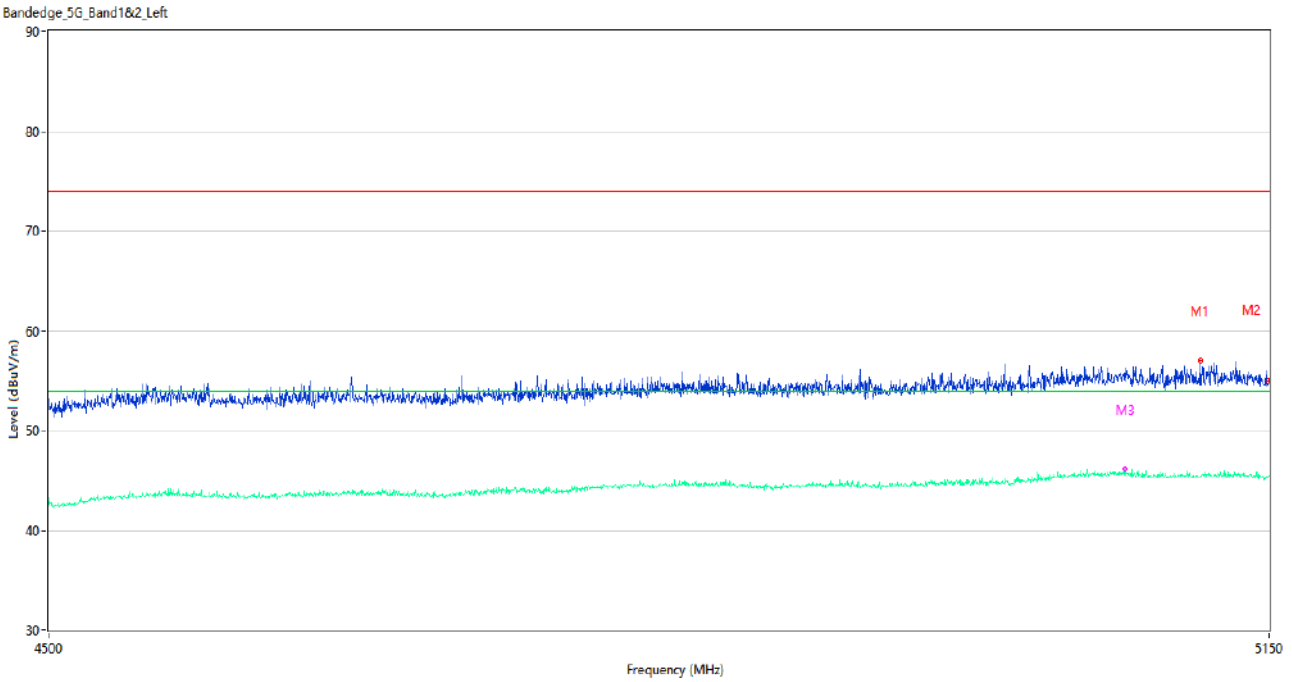

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5055.100 | 56.68 | 2.68 | 74.0 | 17.32 | Peak | 176.00 | 300 | Horizontal | Pass |
| 1** | 5055.100 | 45.79 | 2.68 | 54.0 | 8.21 | AV | 176.00 | 300 | Horizontal | Pass |
| 2 | 5150.000 | 55.48 | 2.46 | 74.0 | 18.52 | Peak | 248.00 | 400 | Horizontal | Pass |
| 2** | 5150.000 | 45.60 | 2.46 | 54.0 | 8.40 | AV | 248.00 | 400 | Horizontal | Pass |

## U-NII-2A 11n20 High Channel



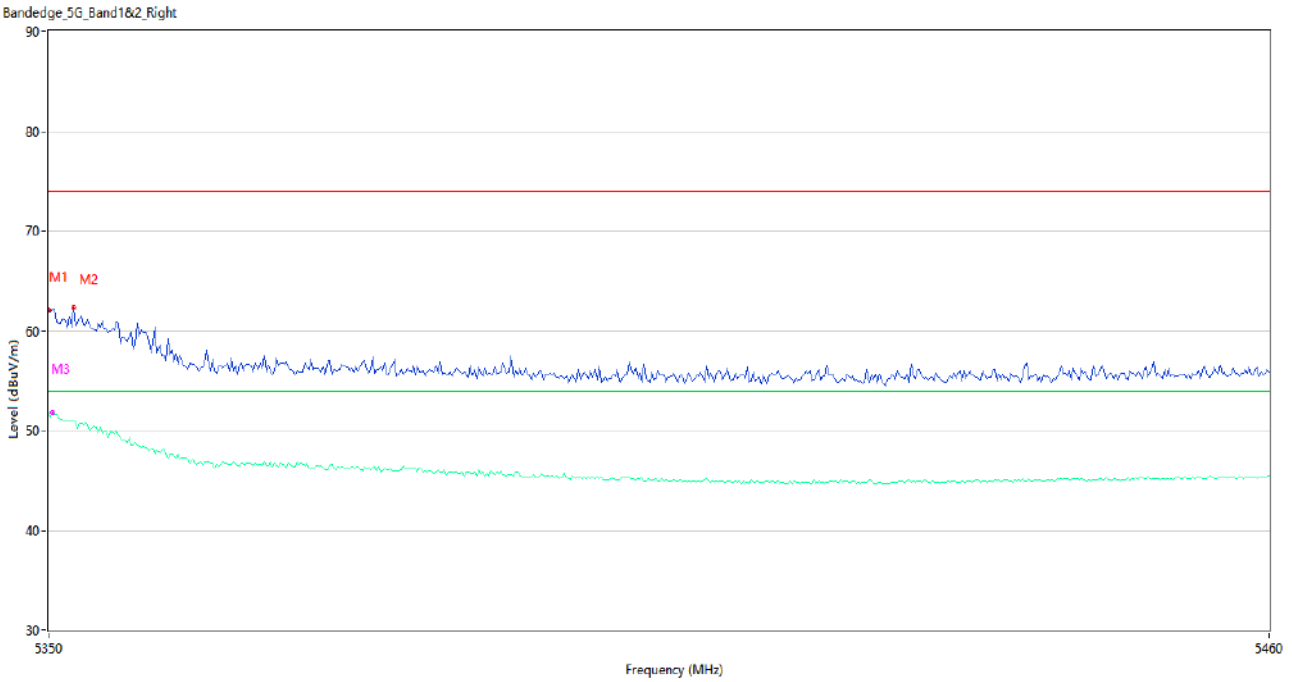

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 58.72 | 2.52 | 74.0 | 15.28 | Peak | 316.00 | 200 | Horizontal | Pass |
| 1** | 5350.000 | 49.89 | 2.52 | 54.0 | 4.11 | AV | 316.00 | 200 | Horizontal | Pass |
| 2 | 5350.550 | 60.20 | 2.52 | 74.0 | 13.80 | Peak | 310.00 | 200 | Horizontal | Pass |
| 2** | 5350.550 | 49.47 | 2.52 | 54.0 | 4.53 | AV | 310.00 | 200 | Horizontal | Pass |

## U-NII-2A 11n40 Low Channel



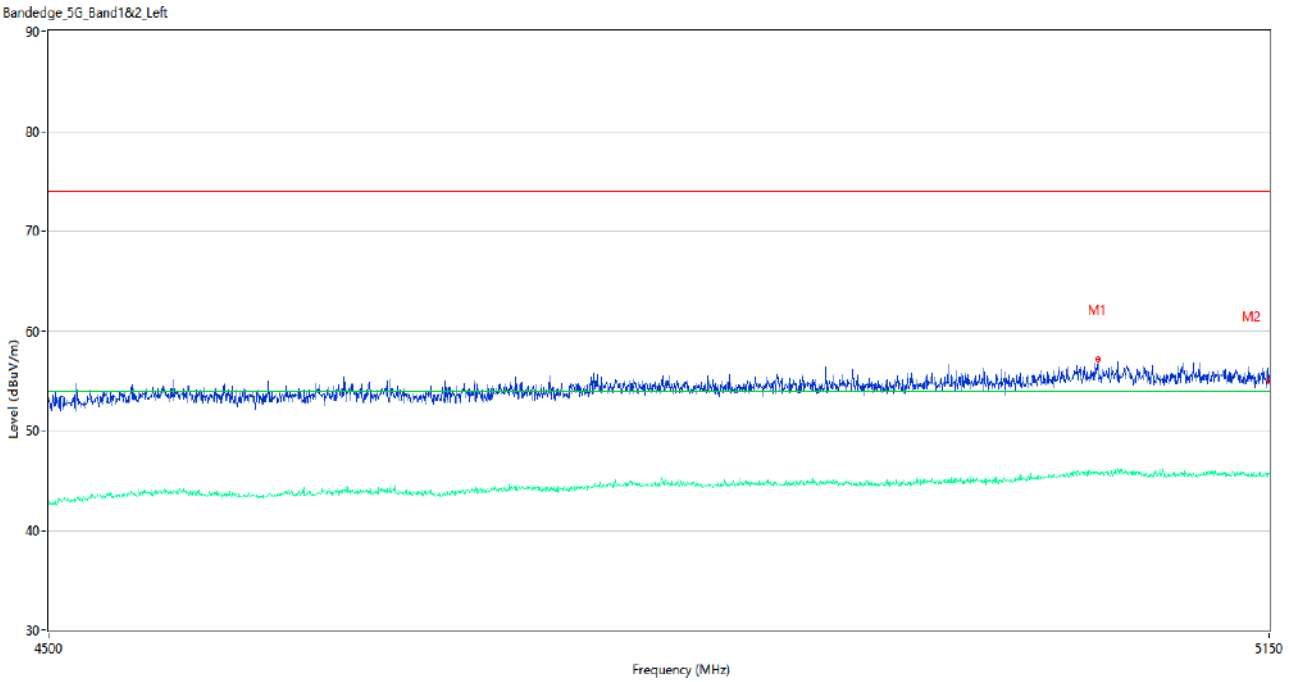

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5111.325 | 56.98 | 2.51 | 74.0 | 17.02 | Peak | 84.00 | 300 | Horizontal | Pass |
| 1** | 5111.325 | 45.37 | 2.51 | 54.0 | 8.63 | AV | 84.00 | 300 | Horizontal | Pass |
| 2 | 5150.000 | 54.98 | 2.46 | 74.0 | 19.02 | Peak | 188.00 | 200 | Horizontal | Pass |
| 2** | 5150.000 | 45.46 | 2.46 | 54.0 | 8.54 | AV | 188.00 | 200 | Horizontal | Pass |
| 3 | 5068.750 | 56.23 | 2.66 | 74.0 | 17.77 | Peak | 286.00 | 150 | Horizontal | Pass |
| 3** | 5068.750 | 46.17 | 2.66 | 54.0 | 7.83 | AV | 286.00 | 150 | Horizontal | Pass |

## U-NII-2A 11n40 High Channel



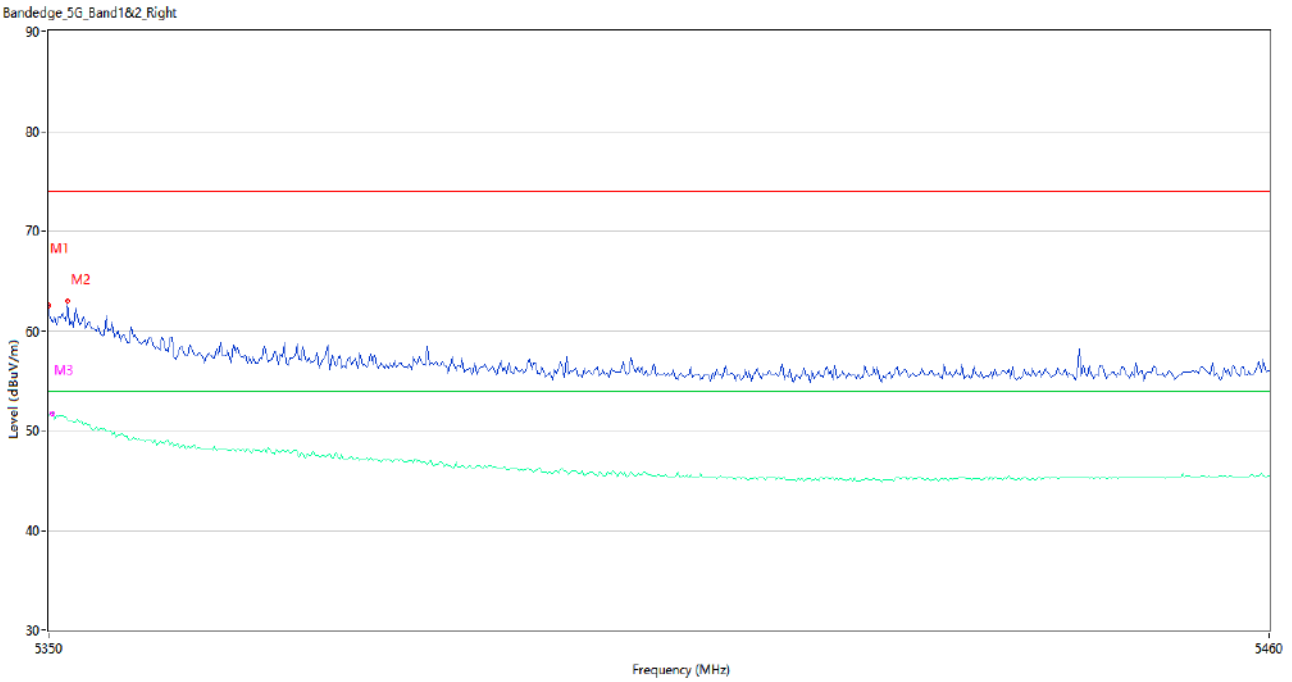

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 62.09 | 2.52 | 74.0 | 11.91 | Peak | 42.00 | 400 | Horizontal | Pass |
| 1** | 5350.000 | 51.71 | 2.52 | 54.0 | 2.29 | AV | 42.00 | 400 | Horizontal | Pass |
| 2 | 5352.200 | 62.32 | 2.52 | 74.0 | 11.68 | Peak | 42.00 | 300 | Horizontal | Pass |
| 2** | 5352.200 | 50.98 | 2.52 | 54.0 | 3.02 | AV | 42.00 | 300 | Horizontal | Pass |
| 3 | 5350.367 | 62.18 | 2.52 | 74.0 | 11.82 | Peak | 30.00 | 150 | Horizontal | Pass |
| 3** | 5350.367 | 51.79 | 2.52 | 54.0 | 2.21 | AV | 30.00 | 150 | Horizontal | Pass |

## U-NII-2A 11ac20 Low Channel



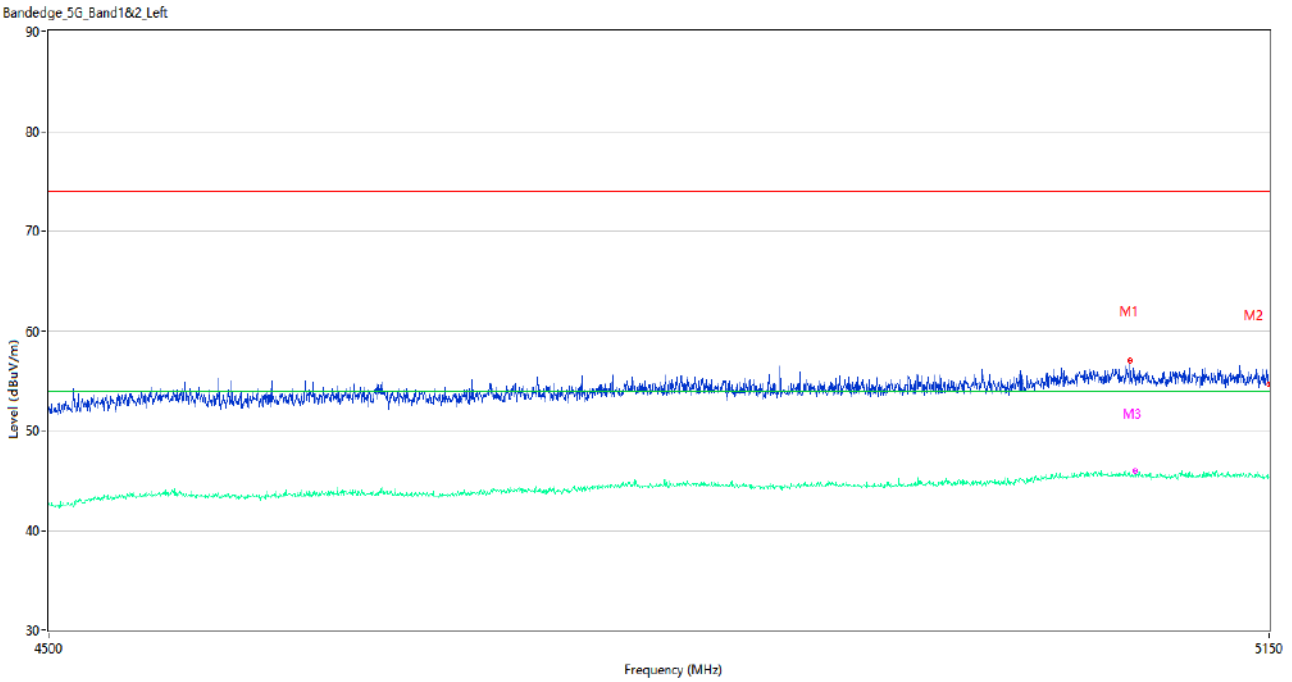

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5053.475 | 57.12 | 2.77 | 74.0 | 16.88 | Peak | 307.00 | 200 | Horizontal | Pass |
| 1** | 5053.475 | 45.70 | 2.77 | 54.0 | 8.30 | AV | 307.00 | 200 | Horizontal | Pass |
| 2 | 5150.000 | 54.97 | 2.46 | 74.0 | 19.03 | Peak | 171.00 | 400 | Horizontal | Pass |
| 2** | 5150.000 | 45.72 | 2.46 | 54.0 | 8.28 | AV | 171.00 | 400 | Horizontal | Pass |

## U-NII-2A 11ac20 High Channel



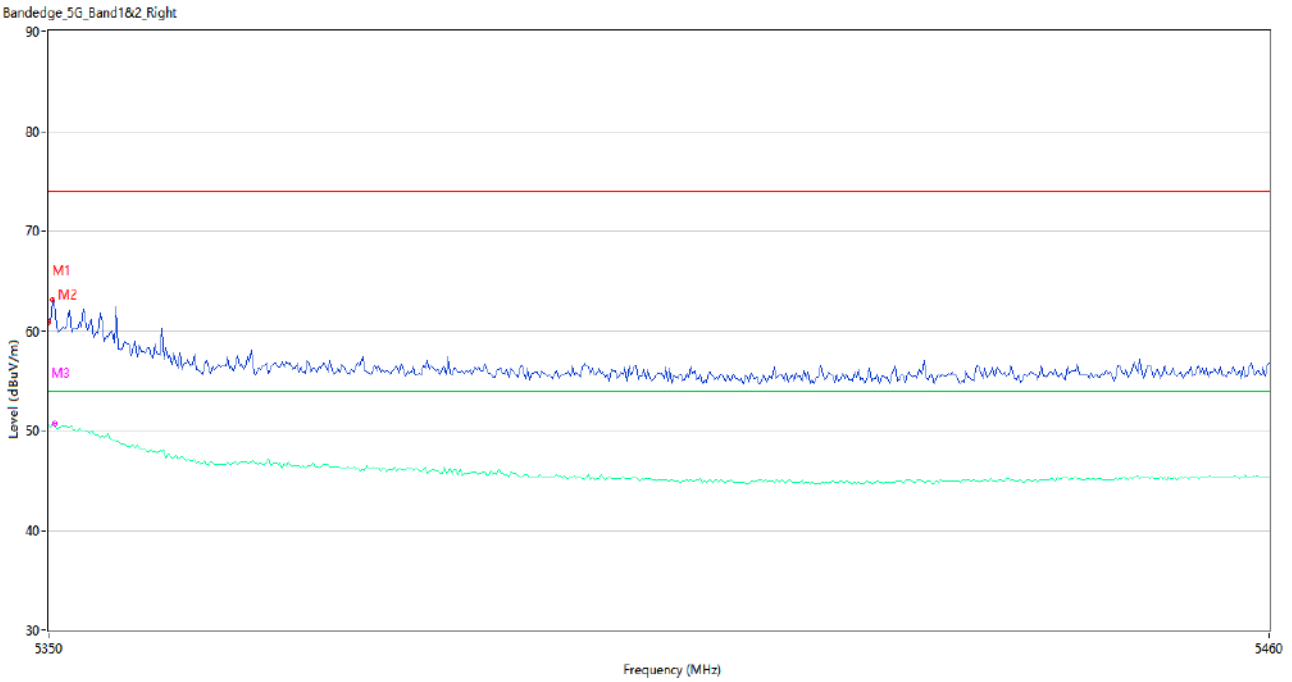

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 62.55 | 2.52 | 74.0 | 11.45 | Peak | 307.00 | 100 | Horizontal | Pass |
| 1** | 5350.000 | 51.50 | 2.52 | 54.0 | 2.50 | AV | 307.00 | 100 | Horizontal | Pass |
| 2 | 5351.650 | 63.03 | 2.52 | 74.0 | 10.97 | Peak | 312.00 | 400 | Horizontal | Pass |
| 2** | 5351.650 | 51.15 | 2.52 | 54.0 | 2.85 | AV | 312.00 | 400 | Horizontal | Pass |
| 3 | 5350.367 | 60.88 | 2.52 | 74.0 | 13.12 | Peak | 307.00 | 150 | Horizontal | Pass |
| 3** | 5350.367 | 51.74 | 2.52 | 54.0 | 2.26 | AV | 307.00 | 150 | Horizontal | Pass |

## U-NII-2A 11ac40 Low Channel



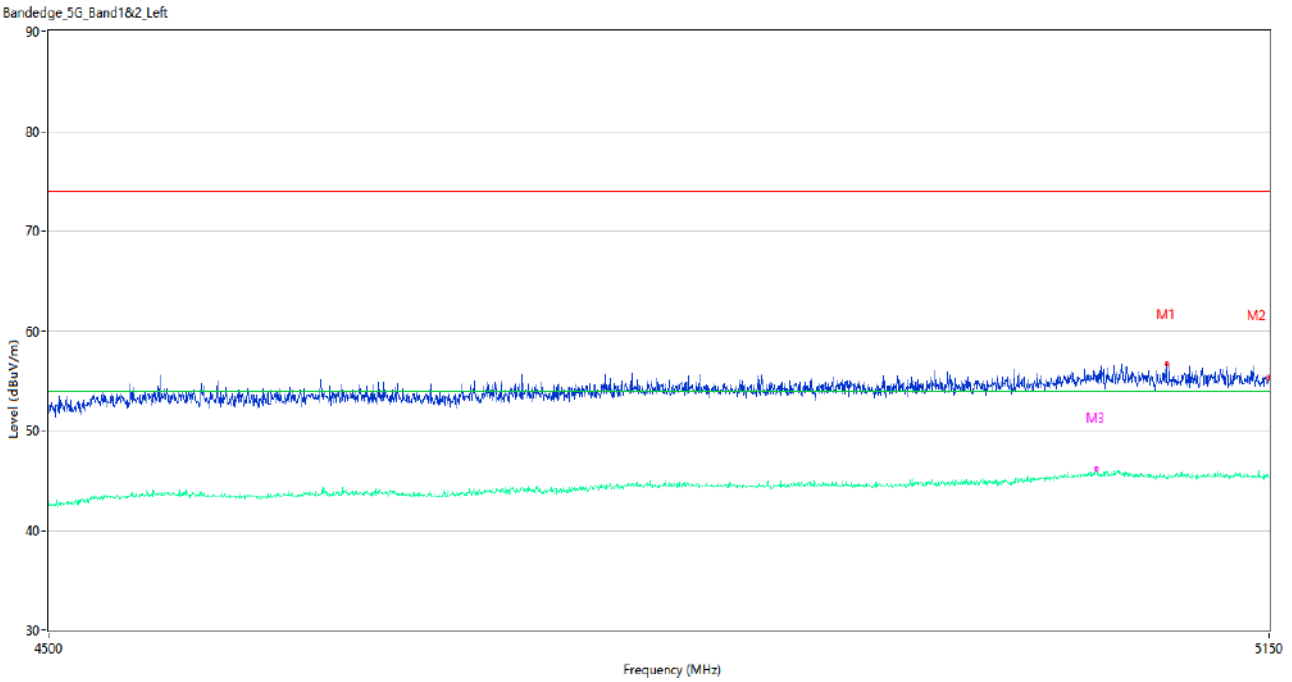

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5071.350 | 56.96 | 2.58 | 74.0 | 17.04 | Peak | 241.00 | 300 | Horizontal | Pass |
| 1** | 5071.350 | 45.68 | 2.58 | 54.0 | 8.32 | AV | 241.00 | 300 | Horizontal | Pass |
| 2 | 5150.000 | 54.58 | 2.46 | 74.0 | 19.42 | Peak | 274.00 | 300 | Horizontal | Pass |
| 2** | 5150.000 | 45.34 | 2.46 | 54.0 | 8.66 | AV | 274.00 | 300 | Horizontal | Pass |
| 3 | 5074.275 | 55.97 | 2.47 | 74.0 | 18.03 | Peak | 359.00 | 150 | Horizontal | Pass |
| 3** | 5074.275 | 45.92 | 2.47 | 54.0 | 8.08 | AV | 359.00 | 150 | Horizontal | Pass |

## U-NII-2A 11ac40 High Channel



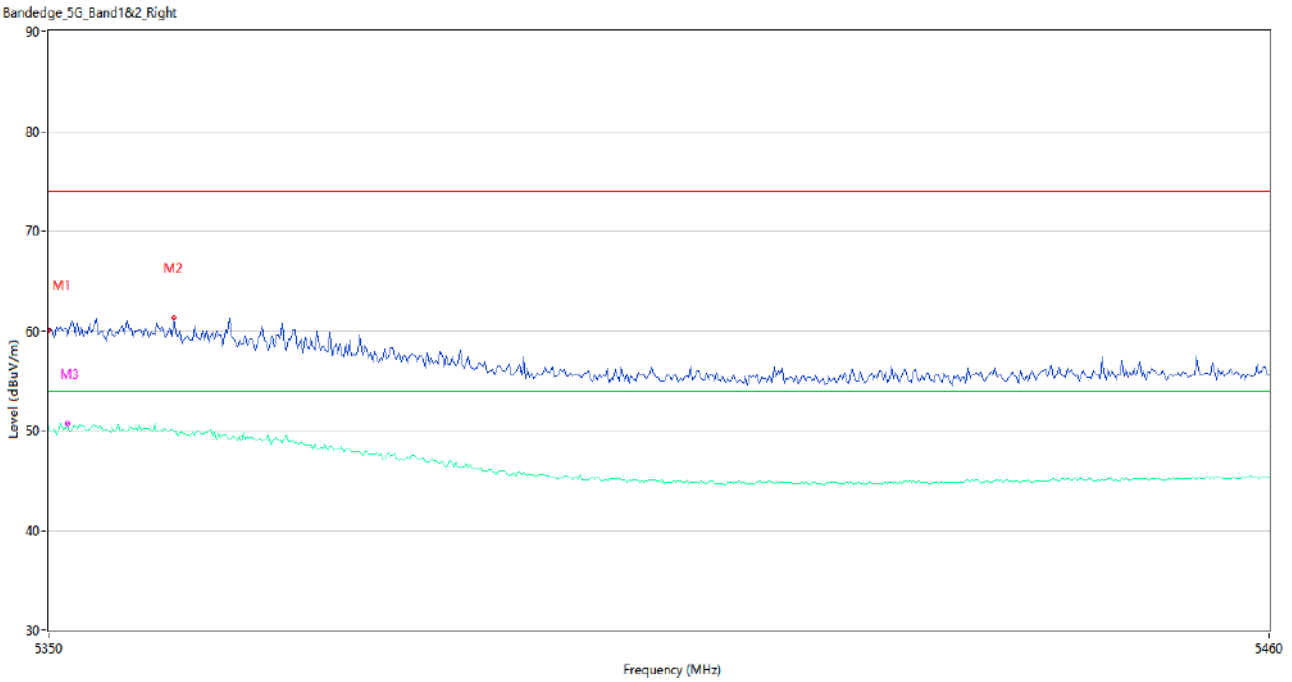

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 60.89 | 2.52 | 74.0 | 13.11 | Peak | 35.00 | 400 | Horizontal | Pass |
| 1** | 5350.000 | 50.55 | 2.52 | 54.0 | 3.45 | AV | 35.00 | 400 | Horizontal | Pass |
| 2 | 5350.367 | 63.09 | 2.52 | 74.0 | 10.91 | Peak | 35.00 | 100 | Horizontal | Pass |
| 2** | 5350.367 | 50.70 | 2.52 | 54.0 | 3.30 | AV | 35.00 | 100 | Horizontal | Pass |
| 3 | 5350.550 | 62.87 | 2.52 | 74.0 | 11.13 | Peak | 35.00 | 150 | Horizontal | Pass |
| 3** | 5350.550 | 50.72 | 2.52 | 54.0 | 3.28 | AV | 35.00 | 150 | Horizontal | Pass |

## U-NII-2A 11ac80 Middle Channel



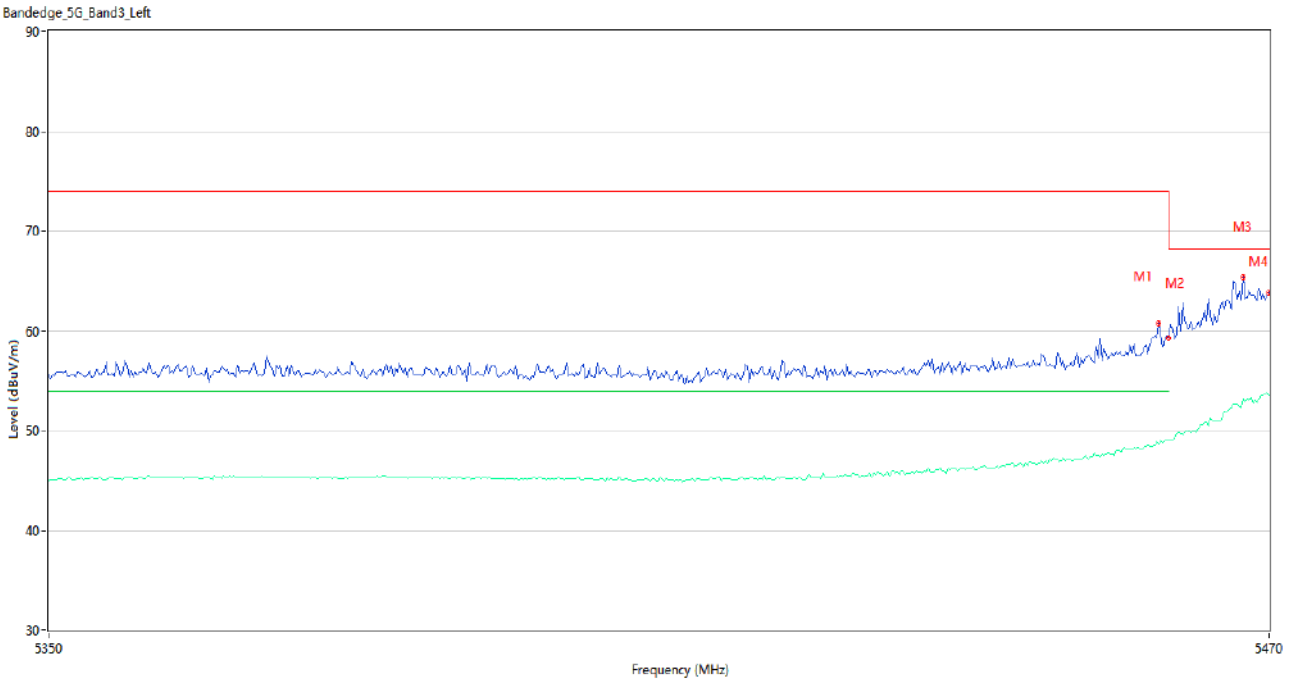

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5091.825 | 56.64 | 2.51 | 74.0 | 17.36 | Peak | 29.00 | 300 | Horizontal | Pass |
| 1** | 5091.825 | 45.09 | 2.51 | 54.0 | 8.91 | AV | 29.00 | 300 | Horizontal | Pass |
| 2 | 5150.000 | 55.27 | 2.46 | 74.0 | 18.73 | Peak | 265.00 | 300 | Horizontal | Pass |
| 2** | 5150.000 | 45.24 | 2.46 | 54.0 | 8.76 | AV | 265.00 | 300 | Horizontal | Pass |
| 3 | 5052.500 | 55.07 | 2.79 | 74.0 | 18.93 | Peak | 110.00 | 150 | Horizontal | Pass |
| 3** | 5052.500 | 46.12 | 2.79 | 54.0 | 7.88 | AV | 110.00 | 150 | Horizontal | Pass |

## U-NII-2A 11ac80 Middle Channel



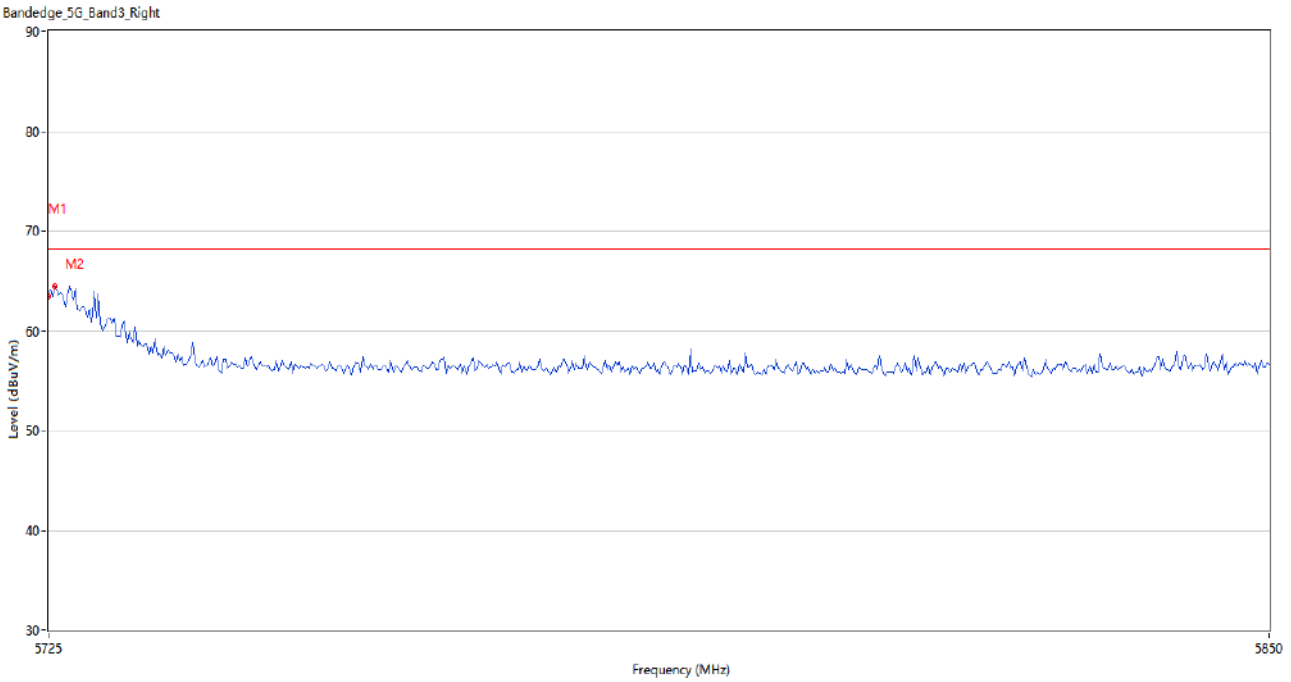

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 60.09 | 2.52 | 74.0 | 13.91 | Peak | 36.00 | 200 | Horizontal | Pass |
| 1** | 5350.000 | 50.50 | 2.52 | 54.0 | 3.50 | AV | 36.00 | 200 | Horizontal | Pass |
| 2 | 5361.183 | 61.32 | 2.59 | 74.0 | 12.68 | Peak | 36.00 | 300 | Horizontal | Pass |
| 2** | 5361.183 | 49.86 | 2.59 | 54.0 | 4.14 | AV | 36.00 | 300 | Horizontal | Pass |
| 3 | 5351.650 | 59.51 | 2.52 | 74.0 | 14.49 | Peak | 34.00 | 150 | Horizontal | Pass |
| 3** | 5351.650 | 50.69 | 2.52 | 54.0 | 3.31 | AV | 34.00 | 150 | Horizontal | Pass |

## U-NII-2C 11a Low Channel



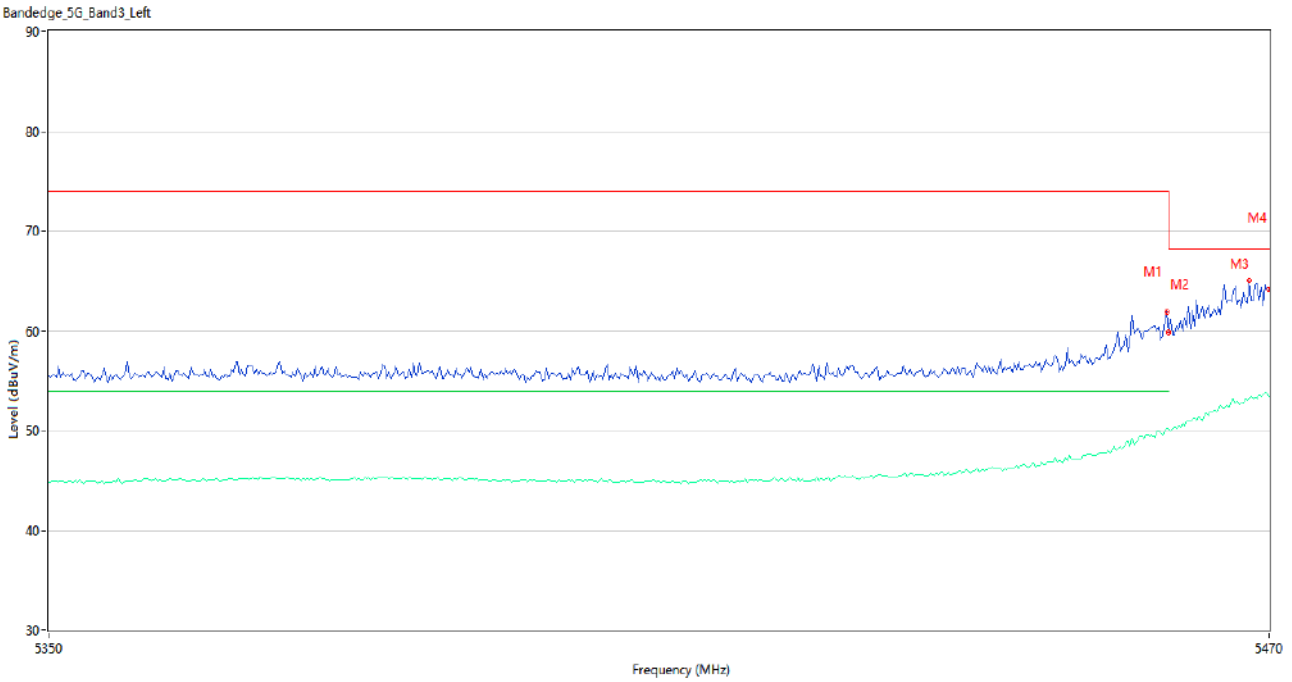

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5459.000 | 60.78 | 2.68 | 74.0 | 13.22 | Peak | 308.00 | 300 | Horizontal | Pass |
| 1** | 5459.000 | 48.59 | 2.68 | 54.0 | 5.41 | AV | 308.00 | 300 | Horizontal | Pass |
| 2 | 5460.000 | 59.28 | 2.67 | 74.0 | 14.72 | Peak | 312.00 | 100 | Horizontal | Pass |
| 2** | 5460.000 | 49.06 | 2.67 | 54.0 | 4.94 | AV | 312.00 | 100 | Horizontal | Pass |
| 3 | 5467.400 | 65.40 | 2.78 | 68.2 | 2.80 | Peak | 310.00 | 400 | Horizontal | Pass |
| 3** | 5467.400 | 53.18 | 2.78 | -- | -- | AV | 310.00 | 400 | Horizontal | N/A |
| 4 | 5470.000 | 63.73 | 2.87 | 68.2 | 4.47 | Peak | 310.00 | 200 | Horizontal | Pass |
| 4** | 5470.000 | 53.50 | 2.87 | -- | -- | AV | 310.00 | 200 | Horizontal | N/A |

## U-NII-2C 11a High Channel



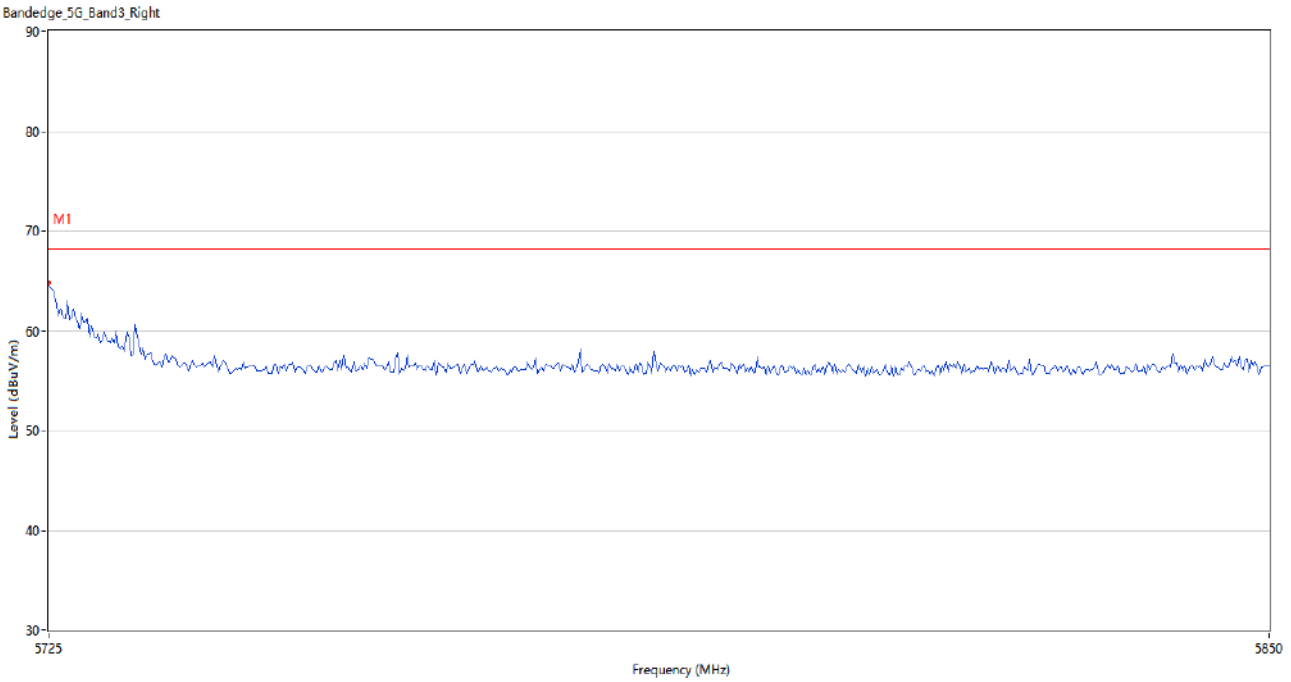

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5725.000 | 63.44 | 1.87 | 68.2 | 4.76 | Peak | 21.00 | 300 | Horizontal | Pass |
| 2 | 5725.625 | 64.50 | 1.91 | 68.2 | 3.70 | Peak | 303.00 | 100 | Horizontal | Pass |

## U-NII-2C 11n20 Low Channel



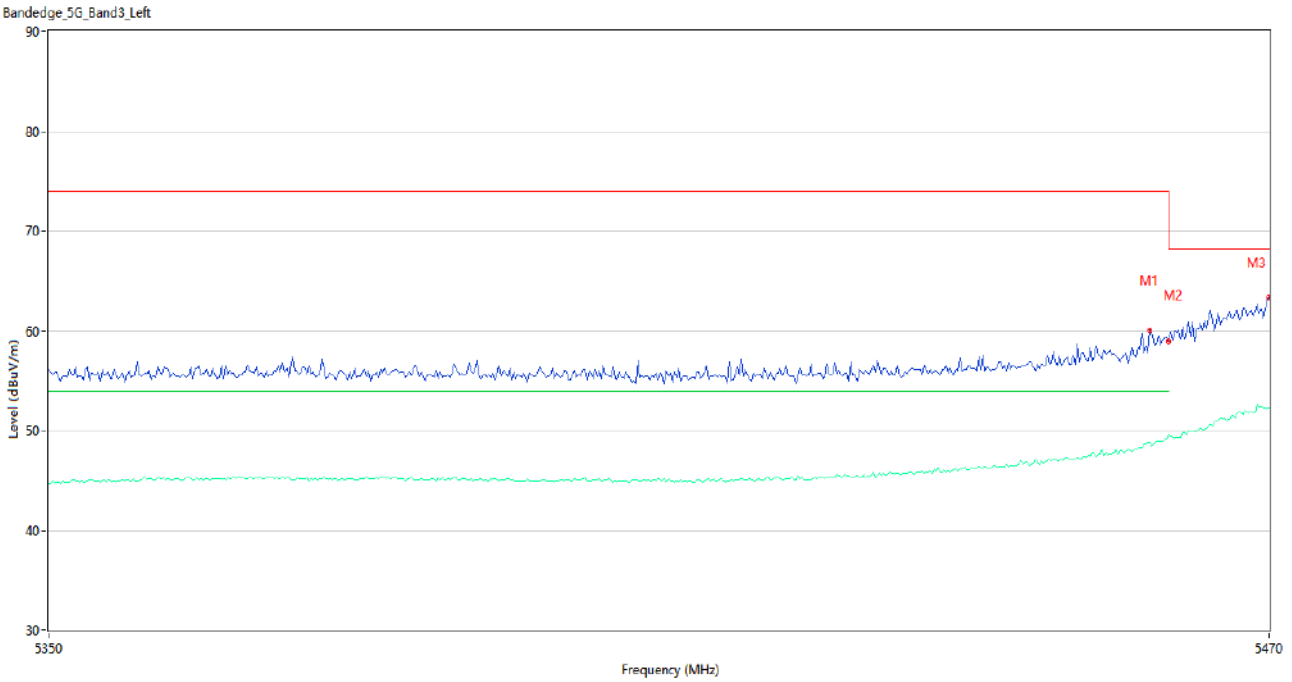

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5459.800 | 61.81 | 2.67 | 74.0 | 12.19 | Peak | 308.00 | 200 | Horizontal | Pass |
| 1** | 5459.800 | 50.28 | 2.67 | 54.0 | 3.72 | AV | 308.00 | 200 | Horizontal | Pass |
| 2 | 5460.000 | 59.79 | 2.67 | 74.0 | 14.21 | Peak | 299.00 | 300 | Horizontal | Pass |
| 2** | 5460.000 | 50.11 | 2.67 | 54.0 | 3.89 | AV | 299.00 | 300 | Horizontal | Pass |
| 3 | 5468.000 | 65.00 | 2.78 | 68.2 | 3.20 | Peak | 308.00 | 300 | Horizontal | Pass |
| 3** | 5468.000 | 53.12 | 2.78 | -- | -- | AV | 308.00 | 300 | Horizontal | N/A |
| 4 | 5470.000 | 64.09 | 2.87 | 68.2 | 4.11 | Peak | 308.00 | 200 | Horizontal | Pass |
| 4** | 5470.000 | 53.44 | 2.87 | -- | -- | AV | 308.00 | 200 | Horizontal | N/A |

## U-NII-2C 11n20 High Channel



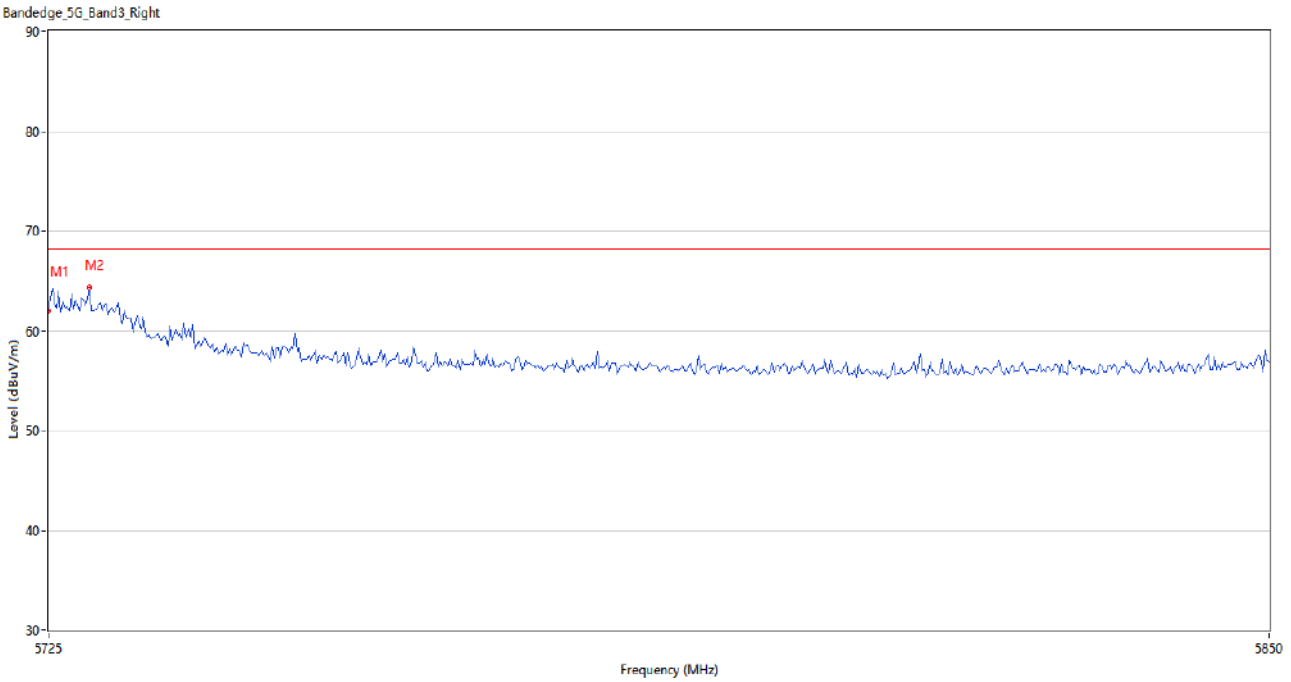

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5725.000 | 64.86 | 1.87 | 68.2 | 3.34 | Peak | 312.00 | 150 | Horizontal | Pass |

## U-NII-2C 11n40 Low Channel



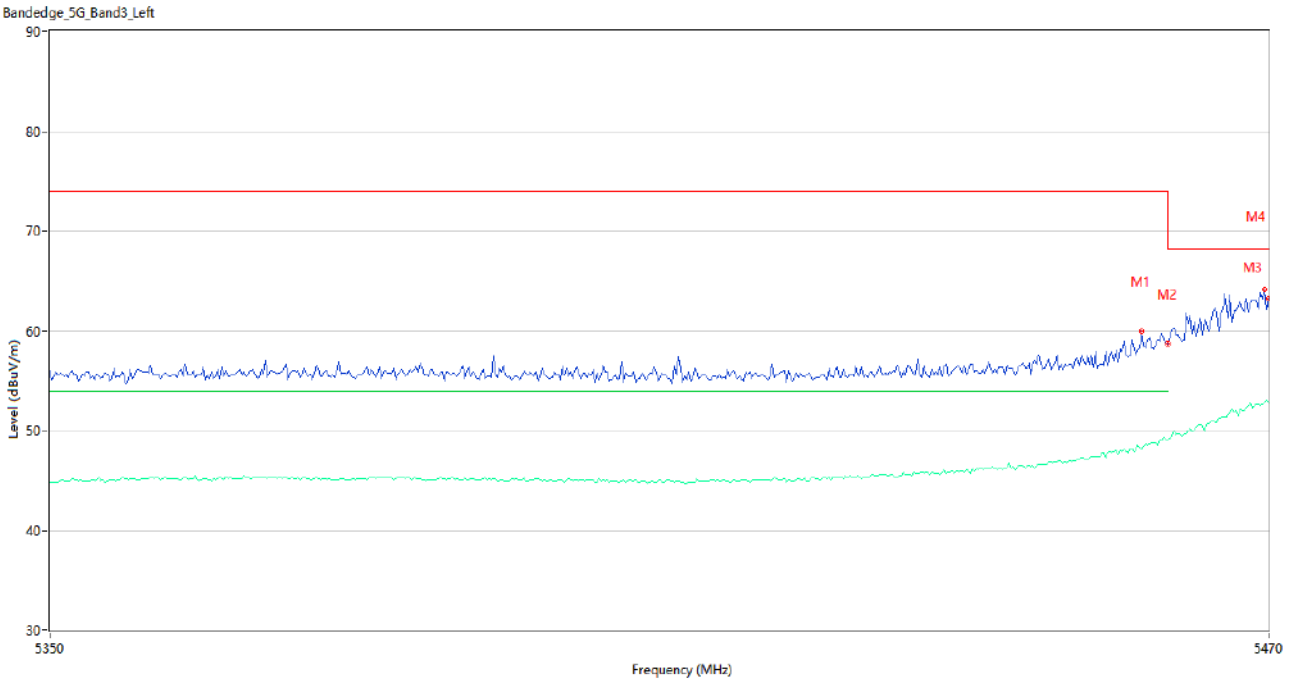

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5458.200 | 60.03 | 2.65 | 74.0 | 13.97 | Peak | 33.00 | 400 | Horizontal | Pass |
| 1** | 5458.200 | 48.71 | 2.65 | 54.0 | 5.29 | AV | 33.00 | 400 | Horizontal | Pass |
| 2 | 5460.000 | 58.97 | 2.67 | 74.0 | 15.03 | Peak | 44.00 | 100 | Horizontal | Pass |
| 2** | 5460.000 | 49.53 | 2.67 | 54.0 | 4.47 | AV | 44.00 | 100 | Horizontal | Pass |
| 3 | 5470.000 | 63.30 | 2.87 | 68.2 | 4.90 | Peak | 276.00 | 400 | Horizontal | Pass |
| 3** | 5470.000 | 52.25 | 2.87 | -- | -- | AV | 276.00 | 400 | Horizontal | N/A |

## U-NII-2C 11n40 High Channel



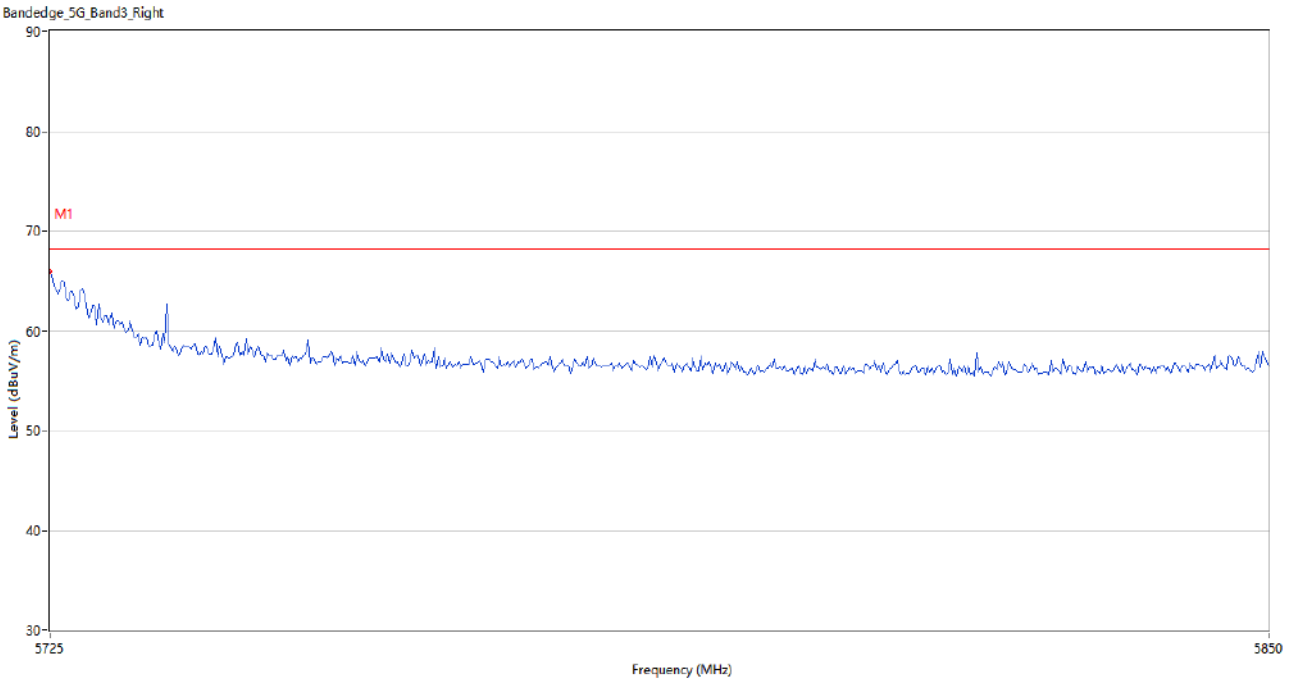

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5725.000 | 61.97 | 1.87 | 68.2 | 6.23 | Peak | 45.00 | 100 | Horizontal | Pass |
| 2 | 5729.166 | 64.37 | 1.78 | 68.2 | 3.83 | Peak | 45.00 | 200 | Horizontal | Pass |

## U-NII-2C 11ac20 Low Channel



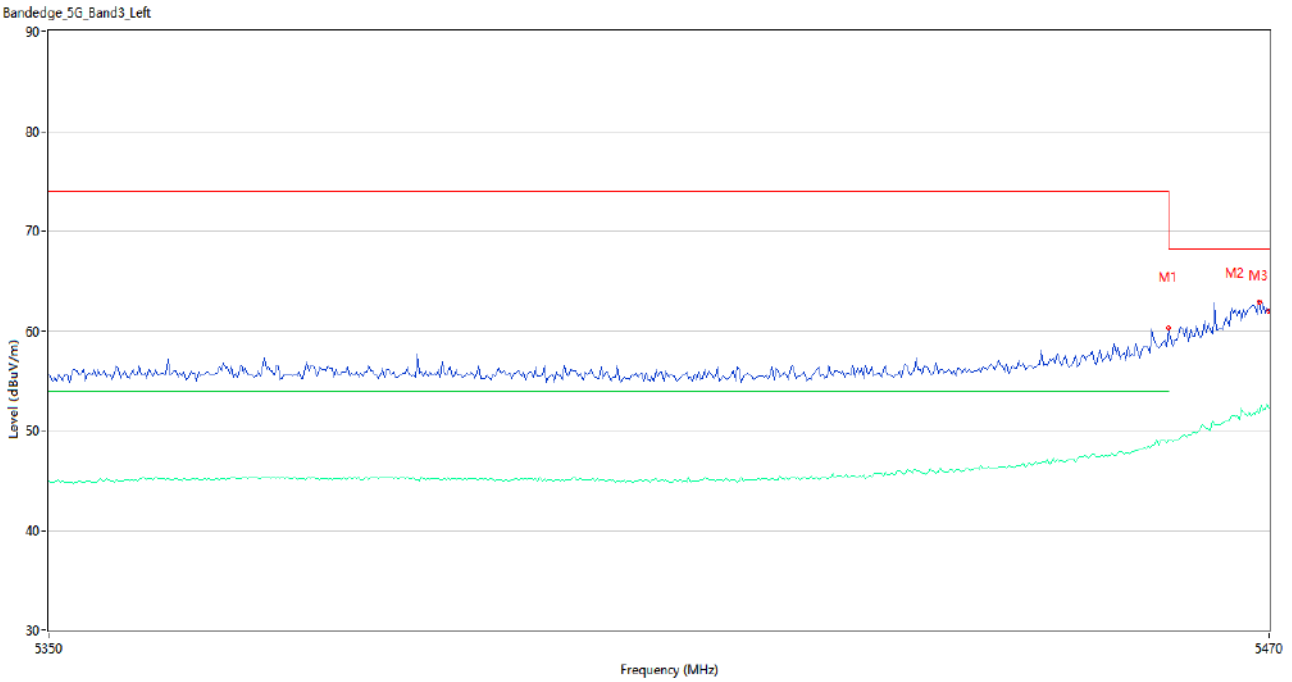

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5457.400 | 59.92 | 2.61 | 74.0 | 14.08 | Peak | 308.00 | 100 | Horizontal | Pass |
| 1** | 5457.400 | 48.10 | 2.61 | 54.0 | 5.90 | AV | 308.00 | 100 | Horizontal | Pass |
| 2 | 5460.000 | 58.68 | 2.67 | 74.0 | 15.32 | Peak | 310.00 | 200 | Horizontal | Pass |
| 2** | 5460.000 | 49.05 | 2.67 | 54.0 | 4.95 | AV | 310.00 | 200 | Horizontal | Pass |
| 3 | 5469.600 | 64.09 | 2.86 | 68.2 | 4.11 | Peak | 307.00 | 100 | Horizontal | Pass |
| 3** | 5469.600 | 52.83 | 2.86 | -- | -- | AV | 307.00 | 100 | Horizontal | N/A |
| 4 | 5470.000 | 63.20 | 2.87 | 68.2 | 5.00 | Peak | 312.00 | 400 | Horizontal | Pass |
| 4** | 5470.000 | 52.78 | 2.87 | -- | -- | AV | 312.00 | 400 | Horizontal | N/A |

## U-NII-2C 11ac20 High Channel



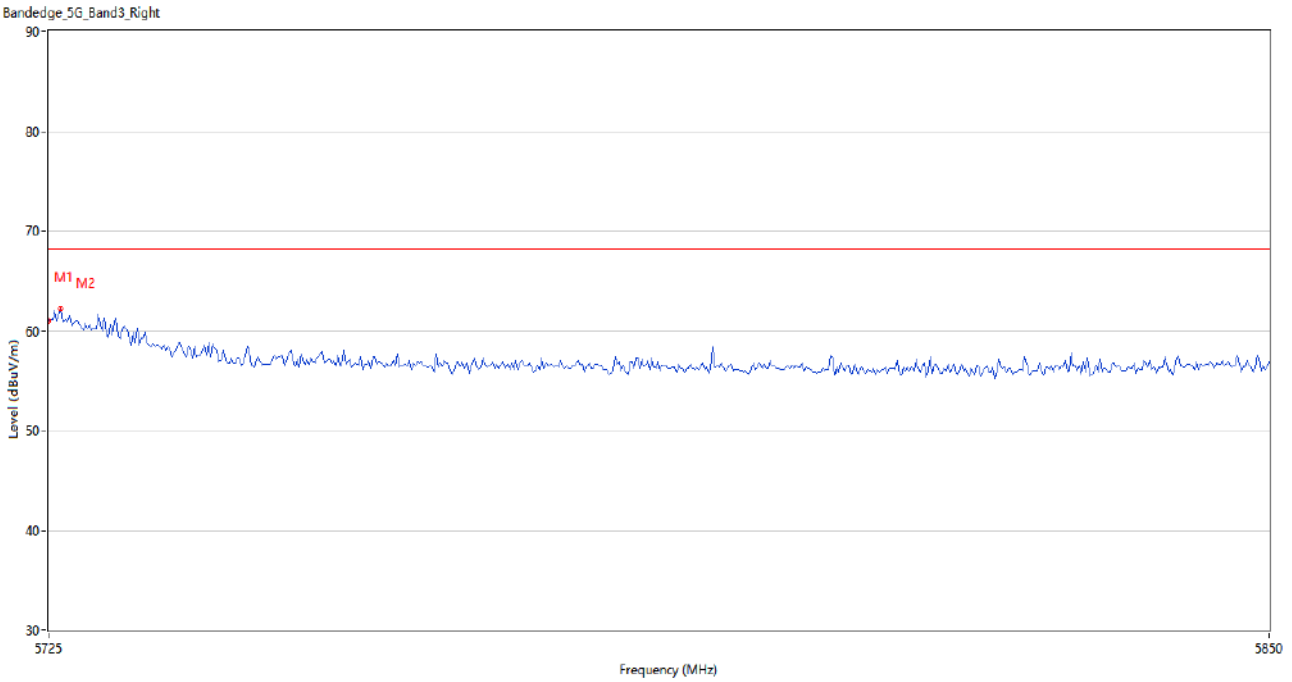

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5725.000 | 65.92 | 1.87 | 68.2 | 2.28 | Peak | 310.00 | 150 | Horizontal | Pass |

## U-NII-2C 11ac40 Low Channel



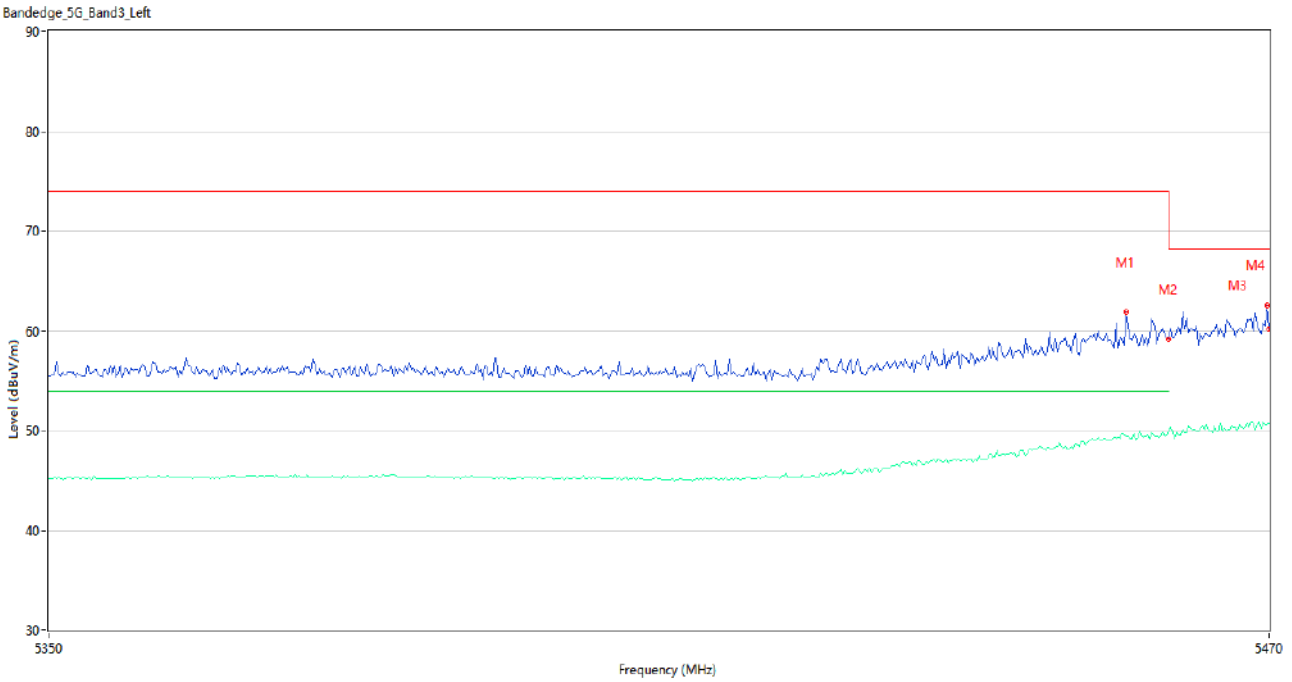

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5460.000 | 60.32 | 2.67 | 74.0 | 13.68 | Peak | 40.00 | 400 | Horizontal | Pass |
| 1** | 5460.000 | 49.14 | 2.67 | 54.0 | 4.86 | AV | 40.00 | 400 | Horizontal | Pass |
| 2 | 5469.000 | 62.93 | 2.83 | 68.2 | 5.27 | Peak | 32.00 | 300 | Horizontal | Pass |
| 2** | 5469.000 | 51.70 | 2.83 | -- | -- | AV | 32.00 | 300 | Horizontal | N/A |
| 3 | 5470.000 | 62.00 | 2.87 | 68.2 | 6.20 | Peak | 40.00 | 100 | Horizontal | Pass |
| 3** | 5470.000 | 52.22 | 2.87 | -- | -- | AV | 40.00 | 100 | Horizontal | N/A |

## U-NII-2C 11ac40 High Channel



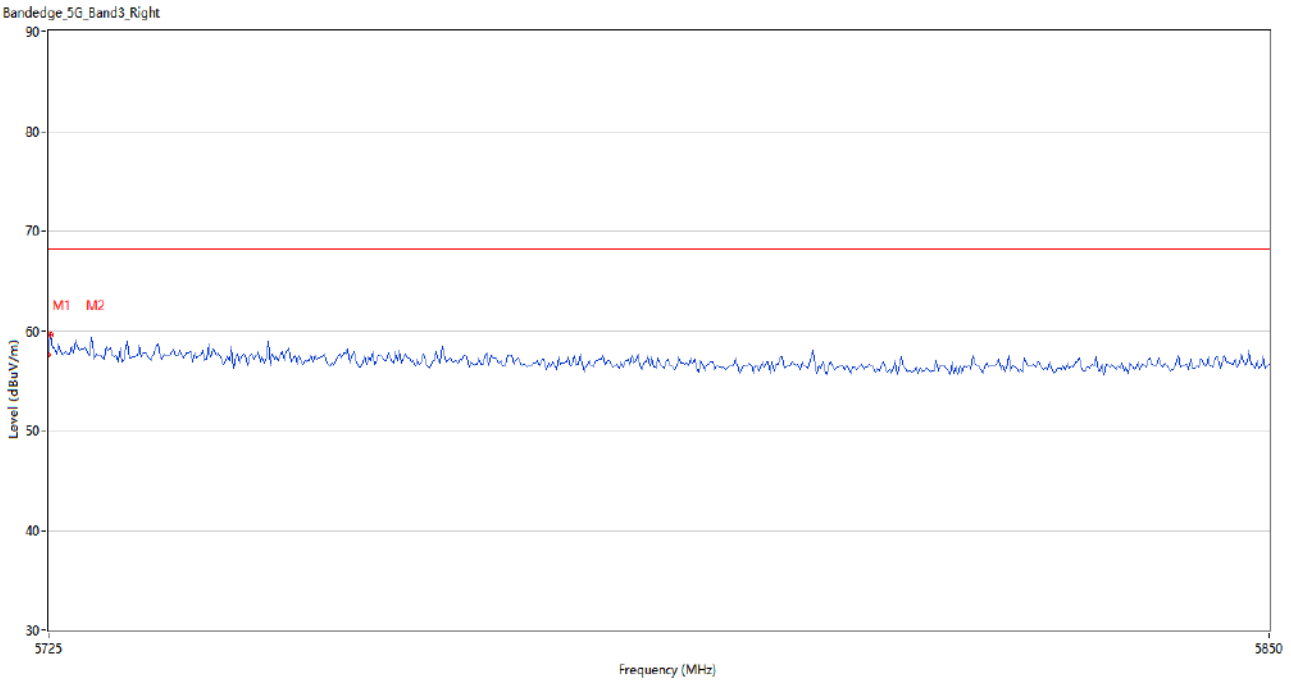

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5725.000 | 60.93 | 1.87 | 68.2 | 7.27 | Peak | 39.00 | 400 | Horizontal | Pass |
| 2 | 5726.250 | 62.20 | 1.95 | 68.2 | 6.00 | Peak | 39.00 | 100 | Horizontal | Pass |

## U-NII-2C 11ac80 Low Channel



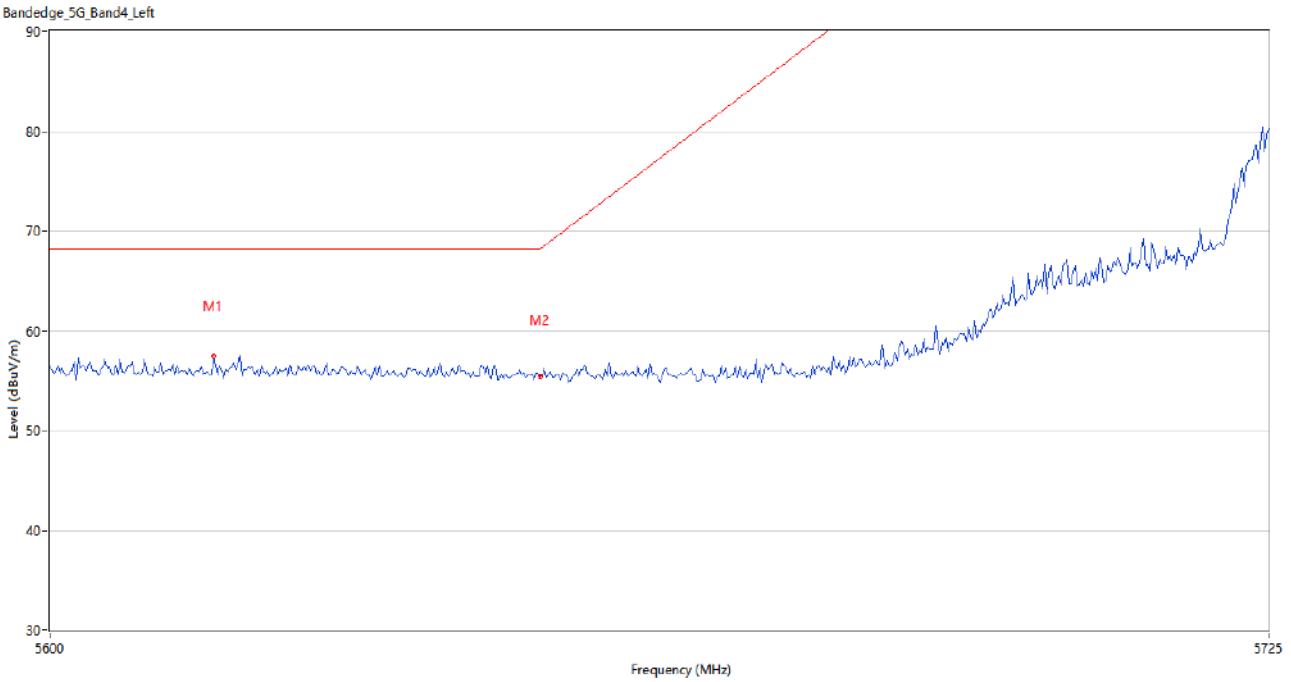

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5455.800 | 61.87 | 2.61 | 74.0 | 12.13 | Peak | 46.00 | 100 | Horizontal | Pass |
| 1** | 5455.800 | 49.40 | 2.61 | 54.0 | 4.60 | AV | 46.00 | 100 | Horizontal | Pass |
| 2 | 5460.000 | 59.15 | 2.67 | 74.0 | 14.85 | Peak | 44.00 | 300 | Horizontal | Pass |
| 2** | 5460.000 | 49.89 | 2.67 | 54.0 | 4.11 | AV | 44.00 | 300 | Horizontal | Pass |
| 3 | 5469.800 | 62.49 | 2.87 | 68.2 | 5.71 | Peak | 37.00 | 300 | Horizontal | Pass |
| 3** | 5469.800 | 50.58 | 2.87 | -- | -- | AV | 37.00 | 300 | Horizontal | N/A |
| 4 | 5470.000 | 60.21 | 2.87 | 68.2 | 7.99 | Peak | 37.00 | 200 | Horizontal | Pass |
| 4** | 5470.000 | 50.68 | 2.87 | -- | -- | AV | 37.00 | 200 | Horizontal | N/A |

## U-NII-2C 11ac80 High Channel



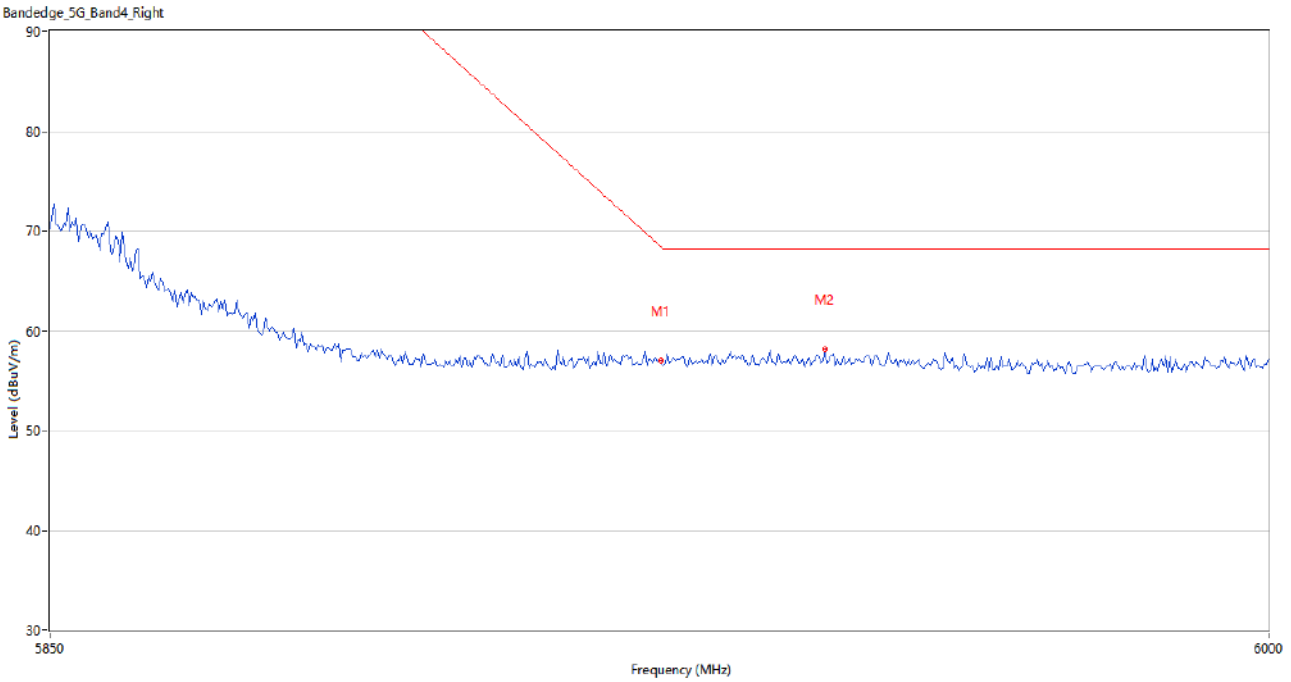

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5725.000 | 57.57 | 1.87 | 68.2 | 10.63 | Peak | 42.00 | 300 | Horizontal | Pass |
| 2 | 5725.209 | 59.60 | 1.89 | 68.2 | 8.60 | Peak | 42.00 | 300 | Horizontal | Pass |

## U-NII-3 11a Low Channel



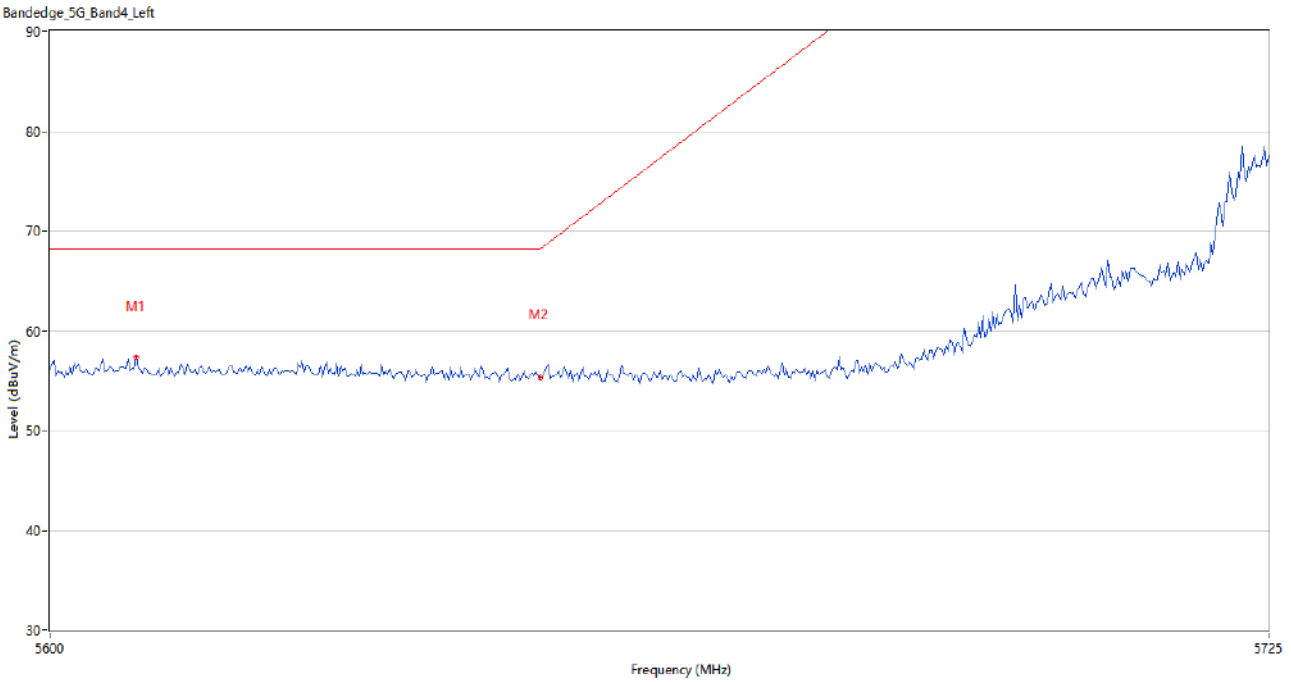

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5616.667 | 57.42 | 2.51 | 68.2 | 10.78 | Peak | 96.00 | 300 | Horizontal | Pass |
| 2 | 5650.000 | 55.42 | 2.28 | 68.2 | 12.78 | Peak | 34.00 | 100 | Horizontal | Pass |

## U-NII-3 11a High Channel



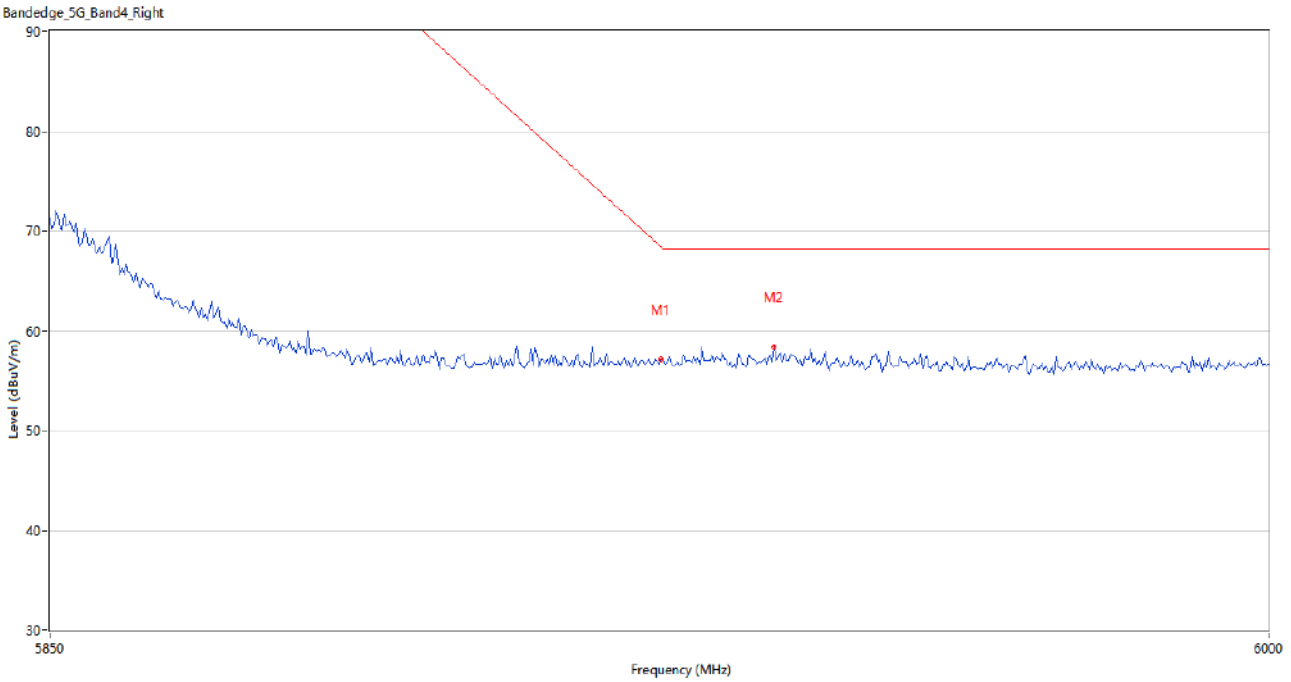

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5924.750 | 56.97 | 3.75 | 68.4 | 11.43 | Peak | 117.00 | 100 | Horizontal | Pass |
| 2 | 5945.000 | 58.09 | 3.79 | 68.2 | 10.11 | Peak | 27.00 | 300 | Horizontal | Pass |

## U-NII-3 11n20 Low Channel



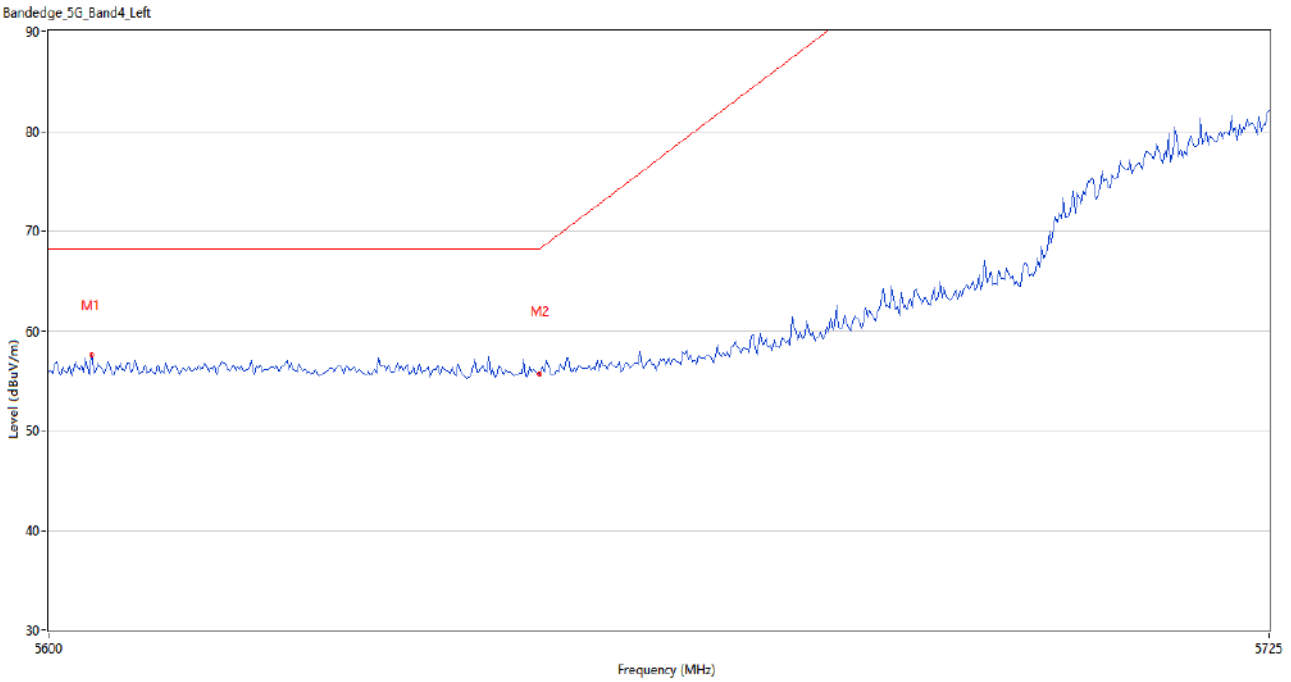

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5608.750 | 57.39 | 2.62 | 68.2 | 10.81 | Peak | 334.00 | 400 | Horizontal | Pass |
| 2 | 5650.000 | 55.33 | 2.28 | 68.2 | 12.87 | Peak | 318.00 | 300 | Horizontal | Pass |

## U-NII-3 11n20 High Channel



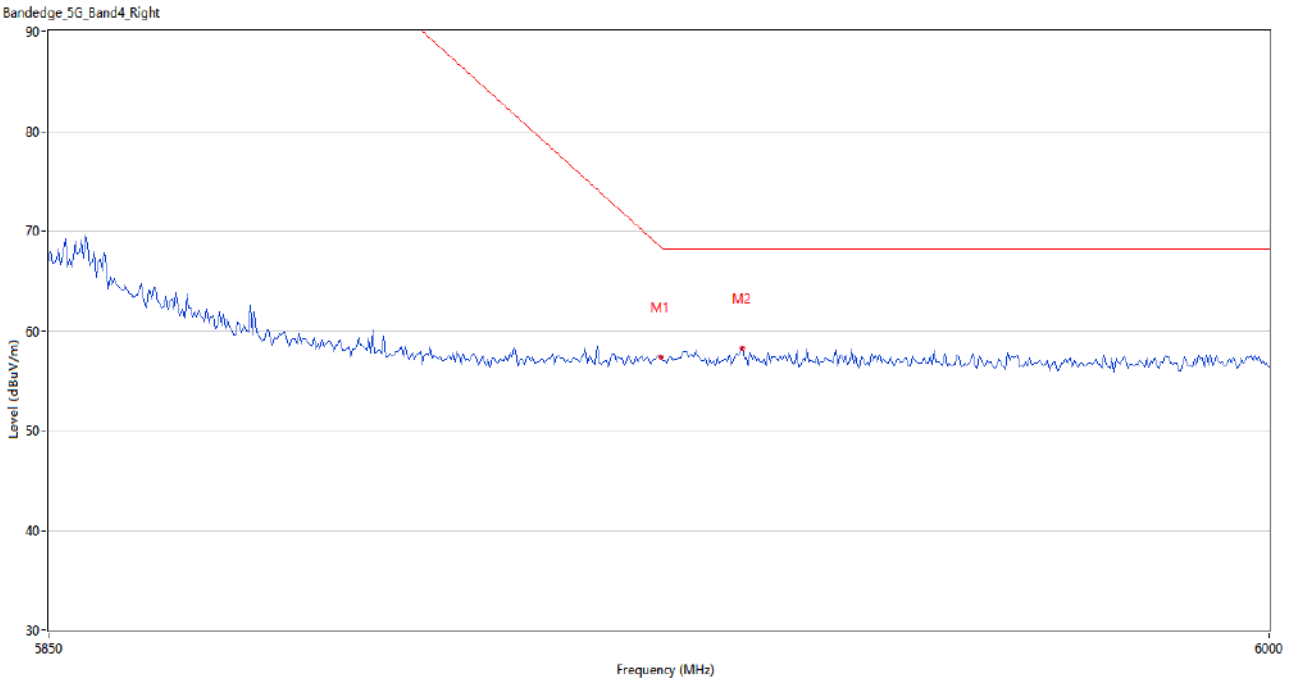

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5924.750 | 57.10 | 3.75 | 68.4 | 11.30 | Peak | 122.00 | 100 | Horizontal | Pass |
| 2 | 5938.750 | 58.39 | 3.83 | 68.2 | 9.81 | Peak | 266.00 | 100 | Horizontal | Pass |

## U-NII-3 11n40 Low Channel



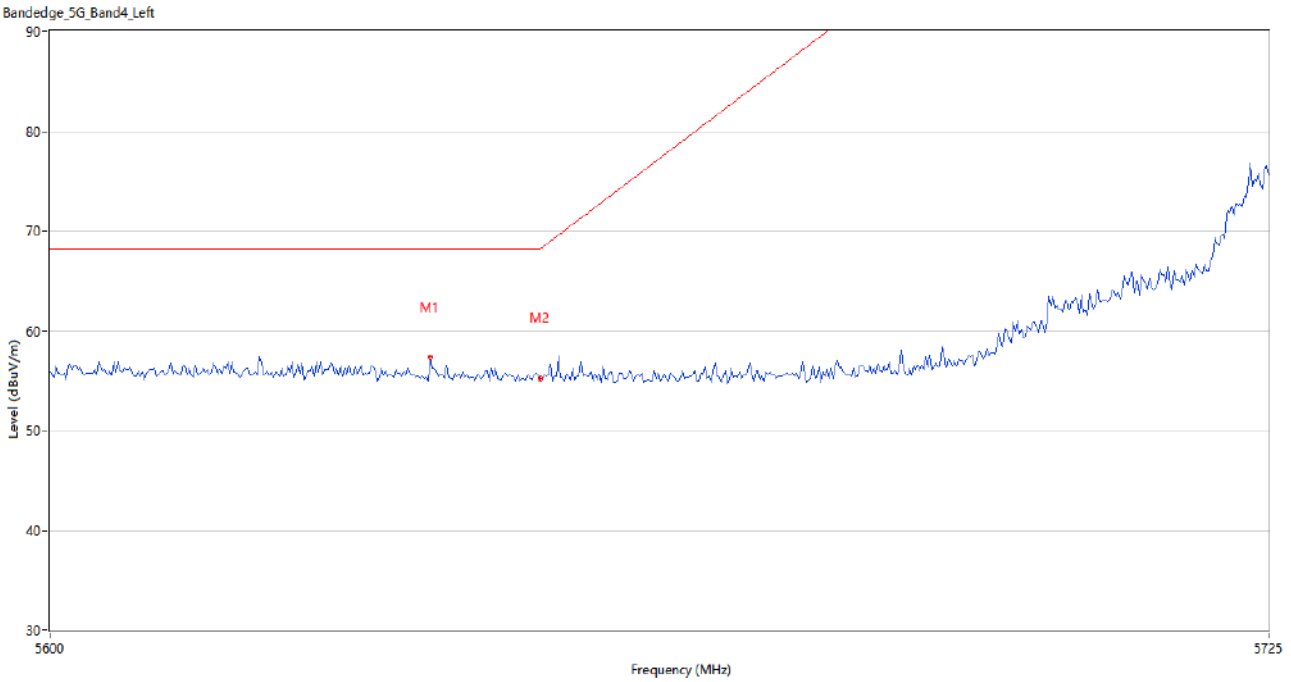

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5604.375 | 57.56 | 2.70 | 68.2 | 10.64 | Peak | 83.00 | 100 | Horizontal | Pass |
| 2 | 5650.000 | 55.63 | 2.28 | 68.2 | 12.57 | Peak | 212.00 | 100 | Horizontal | Pass |

## U-NII-3 11n40 High Channel



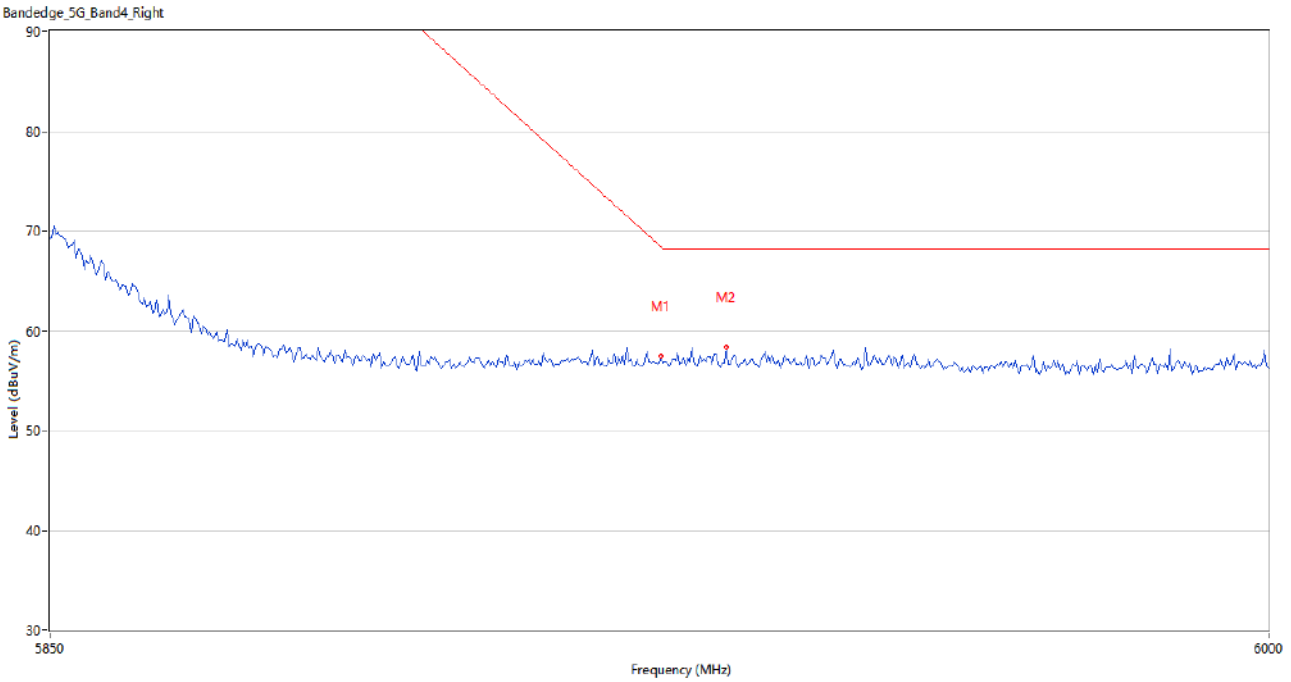

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5924.750 | 57.30 | 3.75 | 68.4 | 11.10 | Peak | 8.00 | 400 | Horizontal | Pass |
| 2 | 5934.750 | 58.21 | 3.75 | 68.2 | 9.99 | Peak | 295.00 | 300 | Horizontal | Pass |

## U-NII-3 11ac20 Low Channel



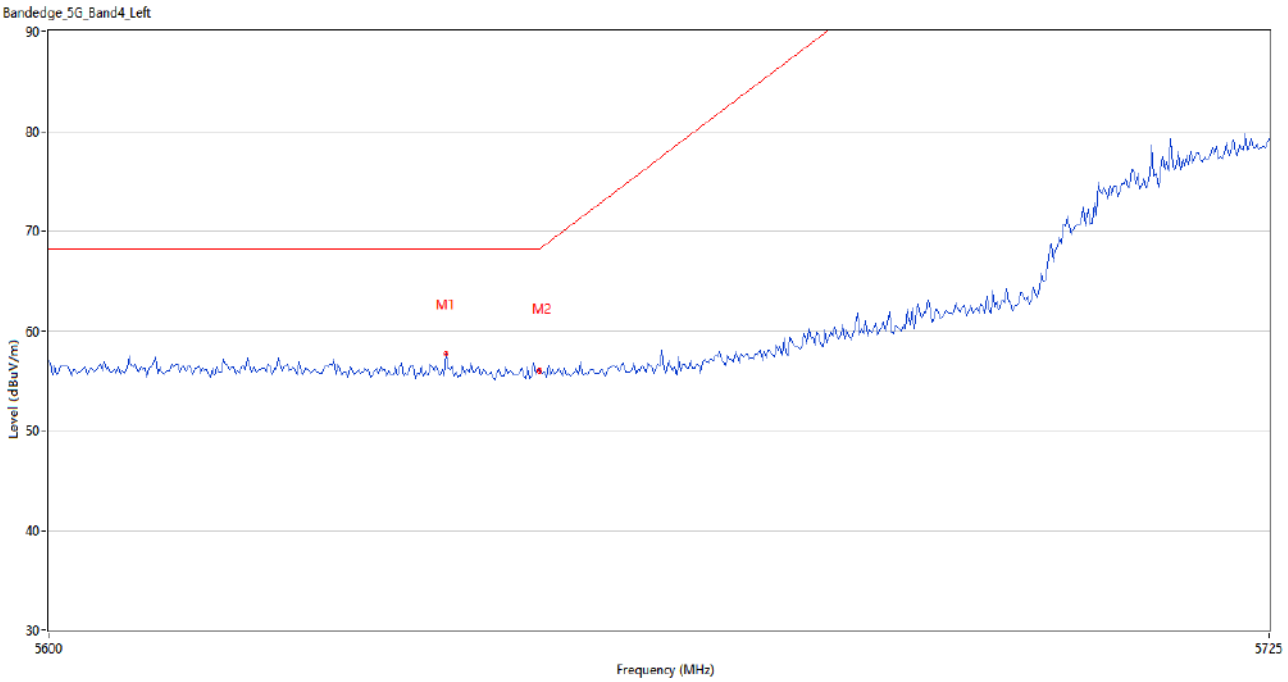

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5638.750 | 57.34 | 2.40 | 68.2 | 10.86 | Peak | 303.00 | 400 | Horizontal | Pass |
| 2 | 5650.000 | 55.17 | 2.28 | 68.2 | 13.03 | Peak | 360.00 | 400 | Horizontal | Pass |

## U-NII-3 11ac20 High Channel



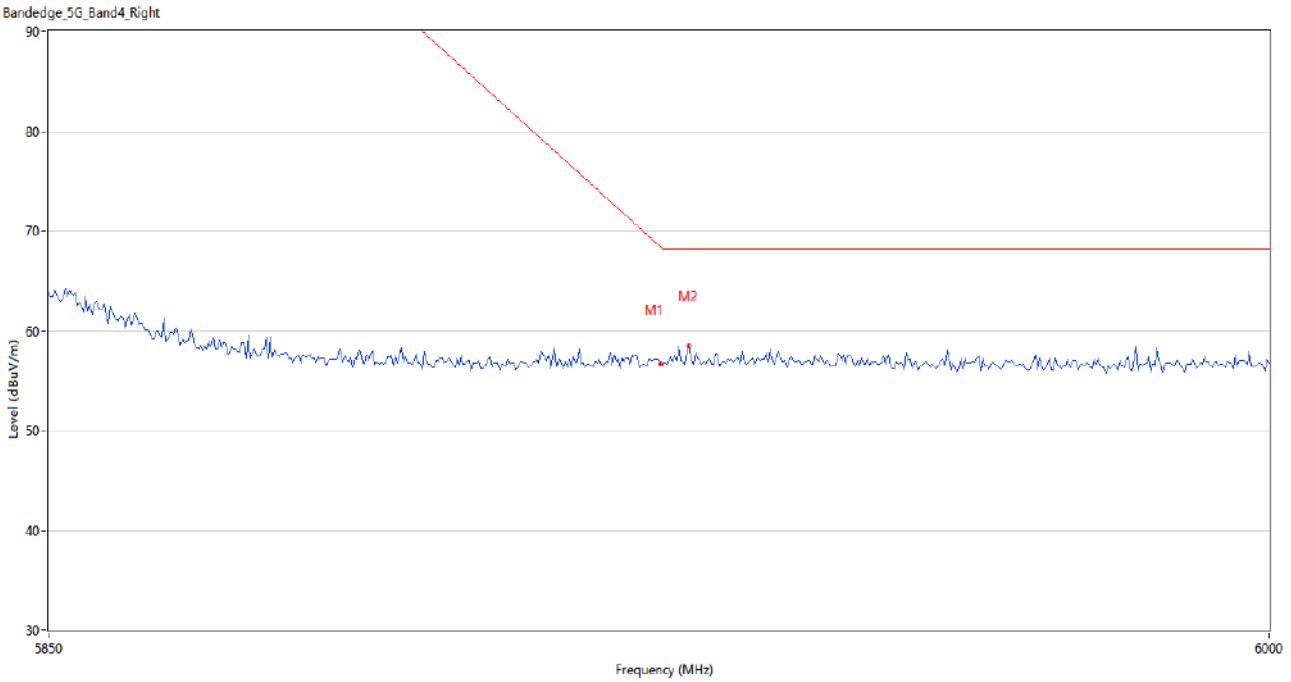

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5924.750 | 57.47 | 3.75 | 68.4 | 10.93 | Peak | 360.00 | 100 | Horizontal | Pass |
| 2 | 5932.750 | 58.33 | 3.79 | 68.2 | 9.87 | Peak | 11.00 | 300 | Horizontal | Pass |

## U-NII-3 11ac40 Low Channel



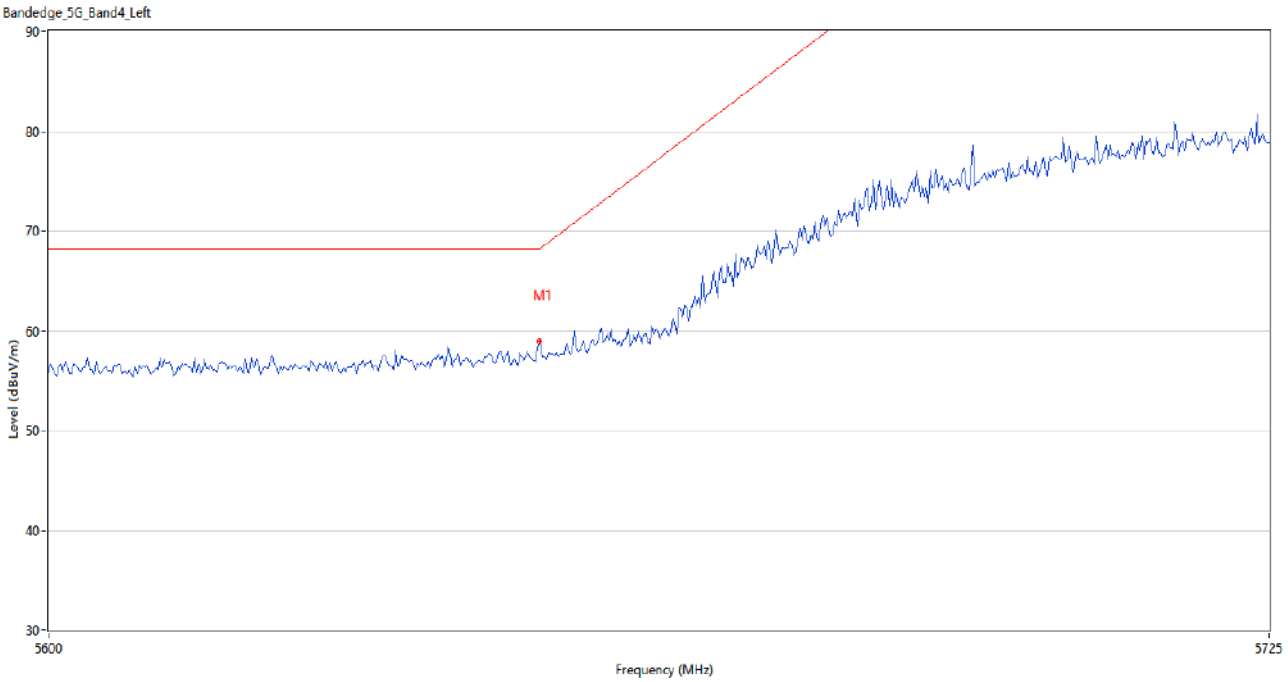

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5640.416 | 57.66 | 2.42 | 68.2 | 10.54 | Peak | 46.00 | 400 | Horizontal | Pass |
| 2 | 5650.000 | 55.98 | 2.28 | 68.2 | 12.22 | Peak | 0.00 | 300 | Horizontal | Pass |

## U-NII-3 11ac40 High Channel



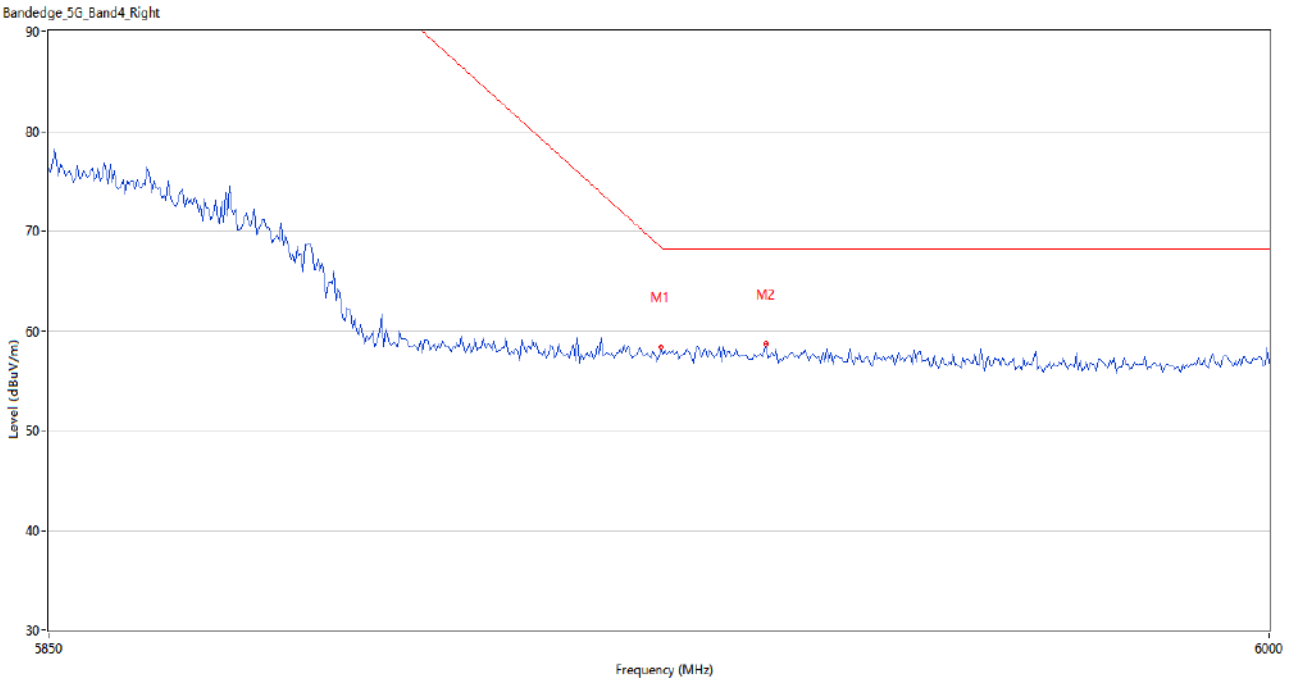

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5924.750 | 56.63 | 3.75 | 68.4 | 11.77 | Peak | 229.00 | 400 | Horizontal | Pass |
| 2 | 5928.250 | 58.45 | 3.80 | 68.2 | 9.75 | Peak | 155.00 | 200 | Horizontal | Pass |

## U-NII-3 11ac80 Middle Channel



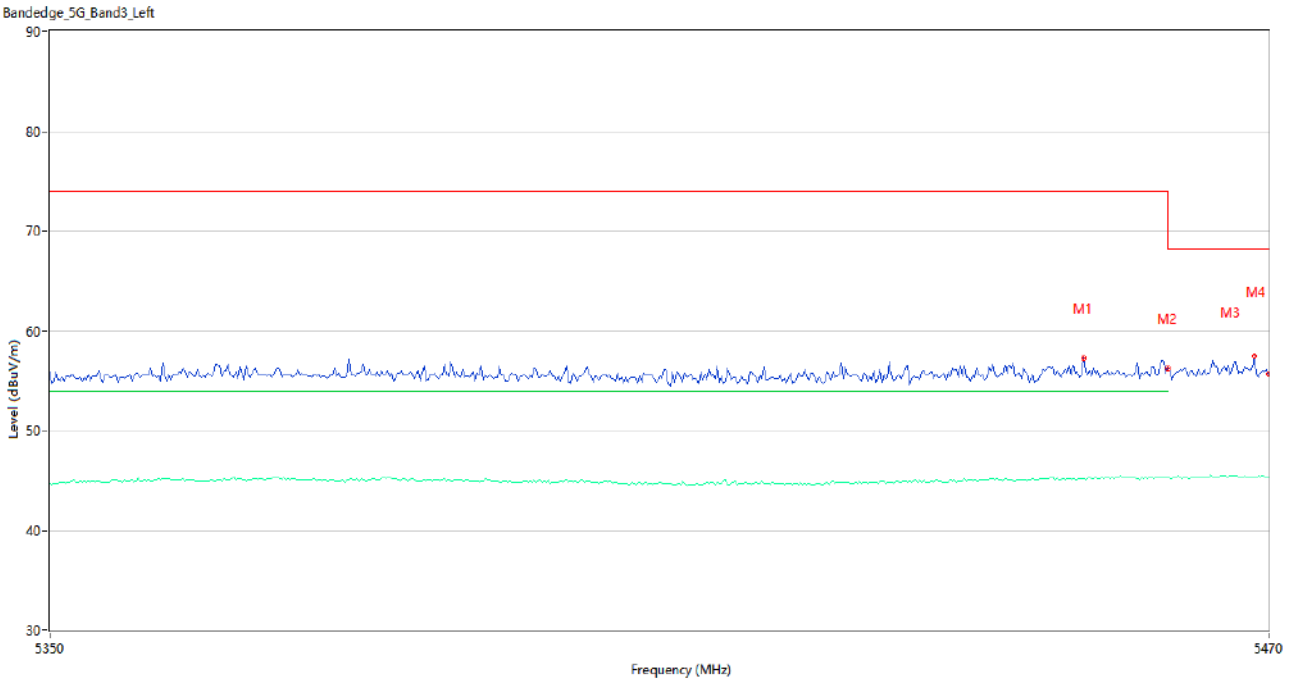

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5650.000 | 58.95 | 2.28 | 68.2 | 9.25 | Peak | 36.00 | 400 | Horizontal | Pass |

## U-NII-3 11ac80 Middle Channel



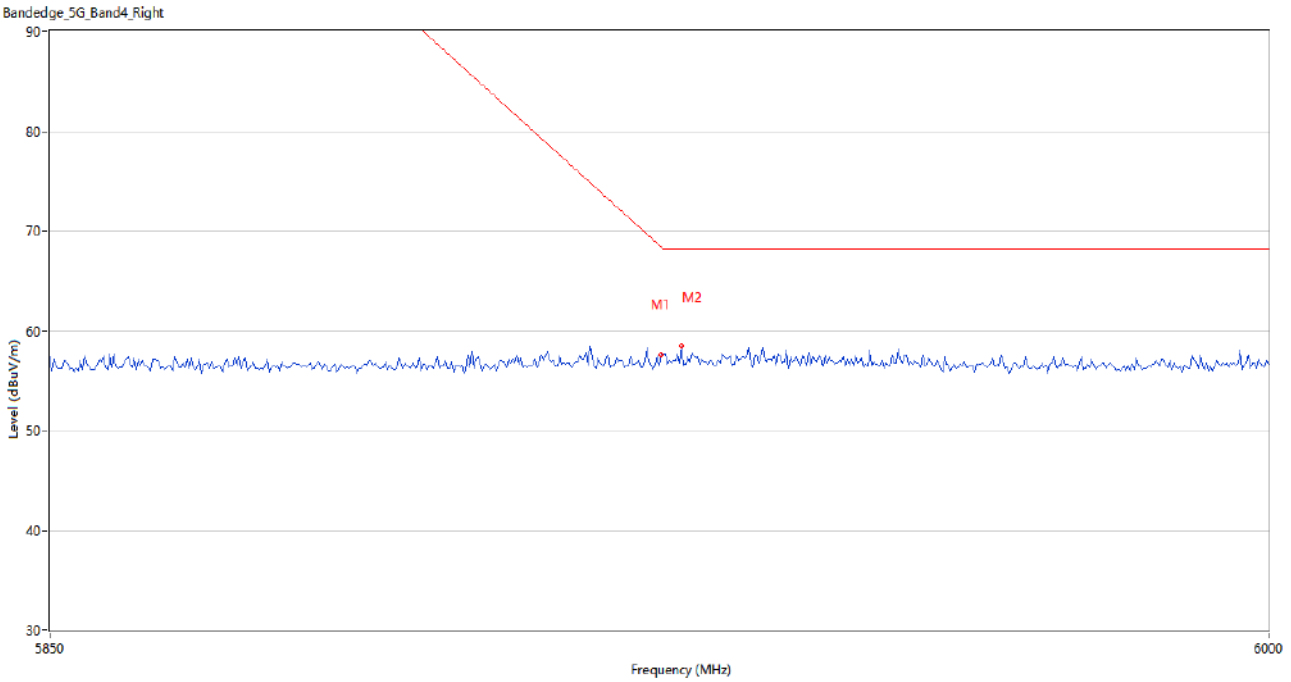

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5924.750 | 58.37 | 3.75 | 68.4 | 10.03 | Peak | 351.00 | 200 | Horizontal | Pass |
| 2 | 5937.750 | 58.67 | 3.86 | 68.2 | 9.53 | Peak | 355.00 | 200 | Horizontal | Pass |

## U-NII-2C & U-NII-3 11a 144 Channel



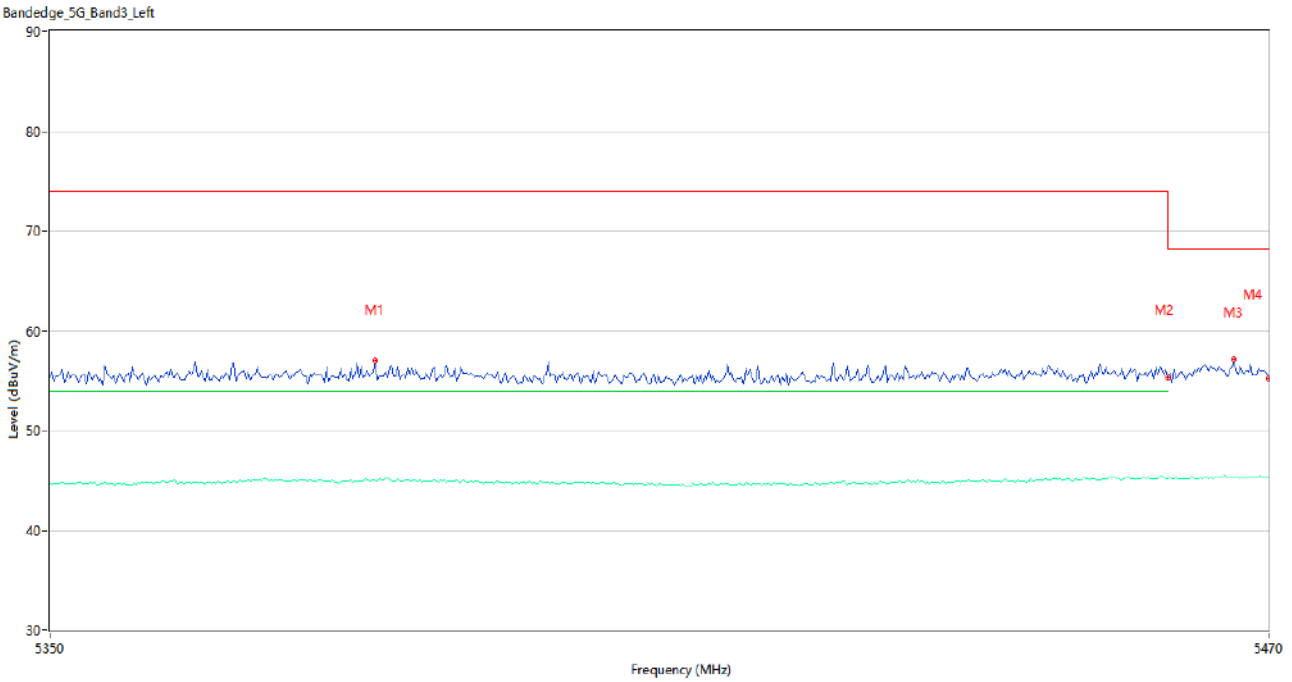

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5451.600 | 57.21 | 2.52 | 74.0 | 16.79 | Peak | 353.00 | 300 | Horizontal | Pass |
| 1** | 5451.600 | 45.11 | 2.52 | 54.0 | 8.89 | AV | 353.00 | 300 | Horizontal | Pass |
| 2 | 5460.000 | 56.16 | 2.67 | 74.0 | 17.84 | Peak | 292.00 | 300 | Horizontal | Pass |
| 2** | 5460.000 | 45.33 | 2.67 | 54.0 | 8.67 | AV | 292.00 | 300 | Horizontal | Pass |
| 3 | 5468.600 | 57.42 | 2.81 | 68.2 | 10.78 | Peak | 30.00 | 100 | Horizontal | Pass |
| 3** | 5468.600 | 45.30 | 2.81 | -- | -- | AV | 30.00 | 100 | Horizontal | N/A |
| 4 | 5470.000 | 55.61 | 2.87 | 68.2 | 12.59 | Peak | 240.00 | 200 | Horizontal | Pass |
| 4** | 5470.000 | 45.40 | 2.87 | -- | -- | AV | 240.00 | 200 | Horizontal | N/A |

## U-NII-2C & U-NII-3 11a 144 Channel



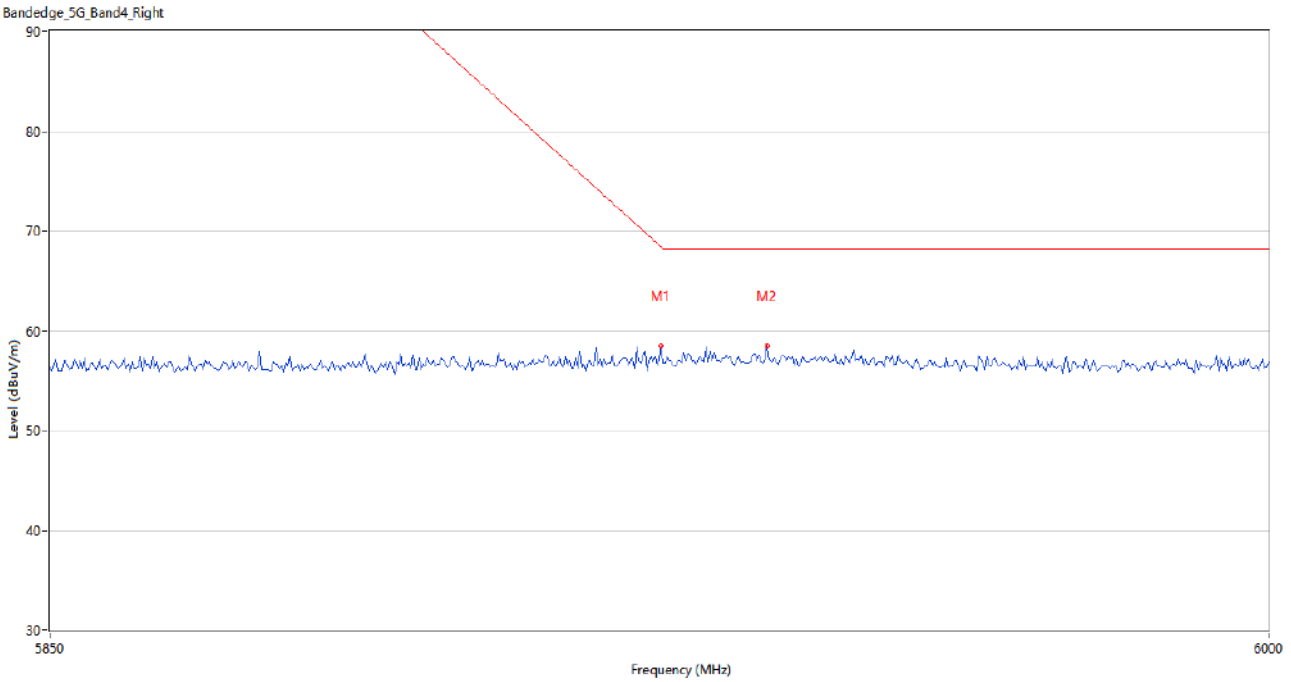

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5924.750 | 57.60 | 3.75 | 68.4 | 10.80 | Peak | 321.00 | 300 | Horizontal | Pass |
| 2 | 5927.250 | 58.47 | 3.69 | 68.2 | 9.73 | Peak | 234.00 | 300 | Horizontal | Pass |

## U-NII-2C & U-NII-3 11n20 144 Channel



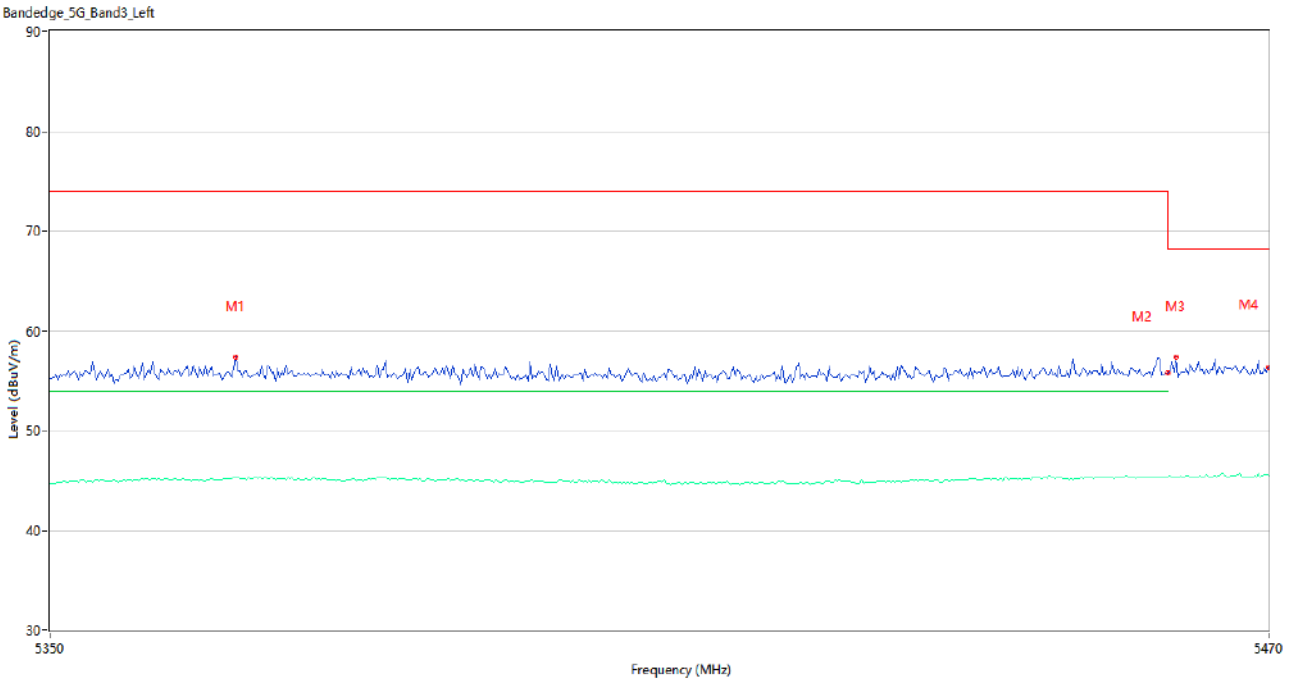

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5381.800 | 57.04 | 2.55 | 74.0 | 16.96 | Peak | 232.00 | 400 | Horizontal | Pass |
| 1** | 5381.800 | 44.93 | 2.55 | 54.0 | 9.07 | AV | 232.00 | 400 | Horizontal | Pass |
| 2 | 5460.000 | 55.29 | 2.67 | 74.0 | 18.71 | Peak | 317.00 | 300 | Horizontal | Pass |
| 2** | 5460.000 | 45.18 | 2.67 | 54.0 | 8.82 | AV | 317.00 | 300 | Horizontal | Pass |
| 3 | 5466.600 | 57.12 | 2.82 | 68.2 | 11.08 | Peak | 104.00 | 100 | Horizontal | Pass |
| 3** | 5466.600 | 45.21 | 2.82 | -- | -- | AV | 104.00 | 100 | Horizontal | N/A |
| 4 | 5470.000 | 55.22 | 2.87 | 68.2 | 12.98 | Peak | 360.00 | 100 | Horizontal | Pass |
| 4** | 5470.000 | 45.30 | 2.87 | -- | -- | AV | 360.00 | 100 | Horizontal | N/A |

## U-NII-2C & U-NII-3 11n20 144 Channel



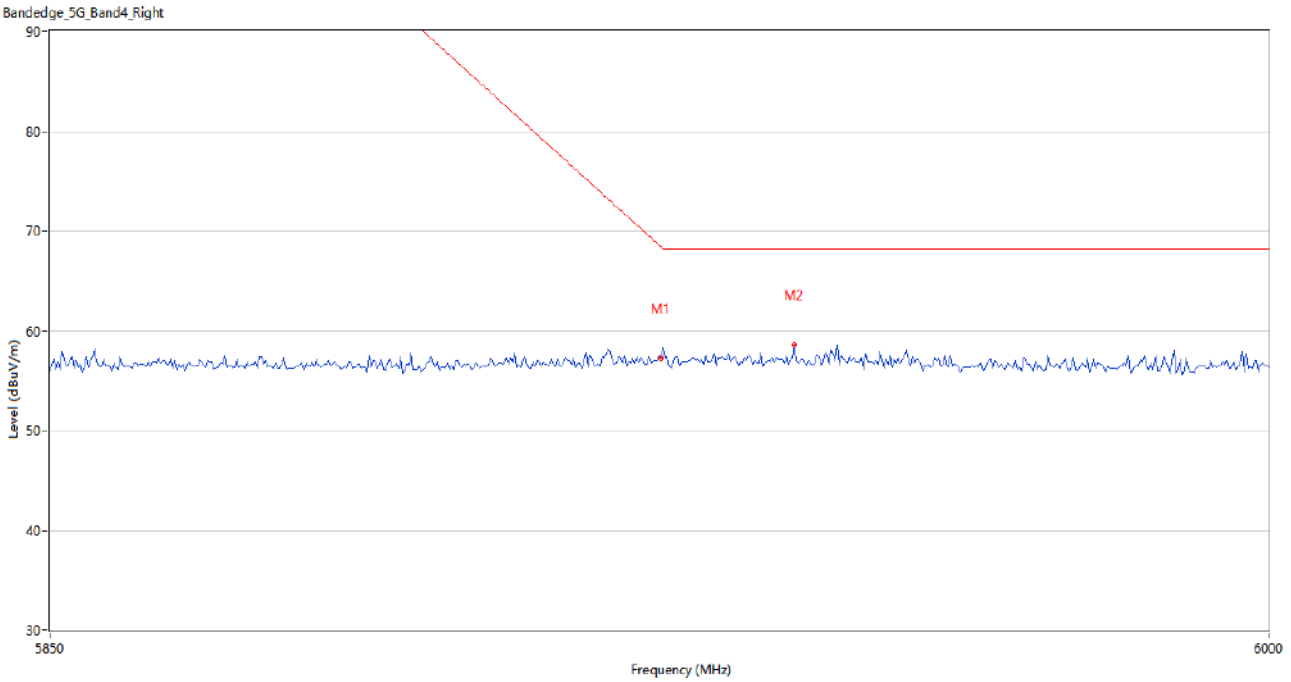

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5924.750 | 58.46 | 3.75 | 68.4 | 9.94 | Peak | 80.00 | 400 | Horizontal | Pass |
| 2 | 5937.750 | 58.43 | 3.86 | 68.2 | 9.77 | Peak | 244.00 | 400 | Horizontal | Pass |

## U-NII-2C & U-NII-3 11n40 142 Channel



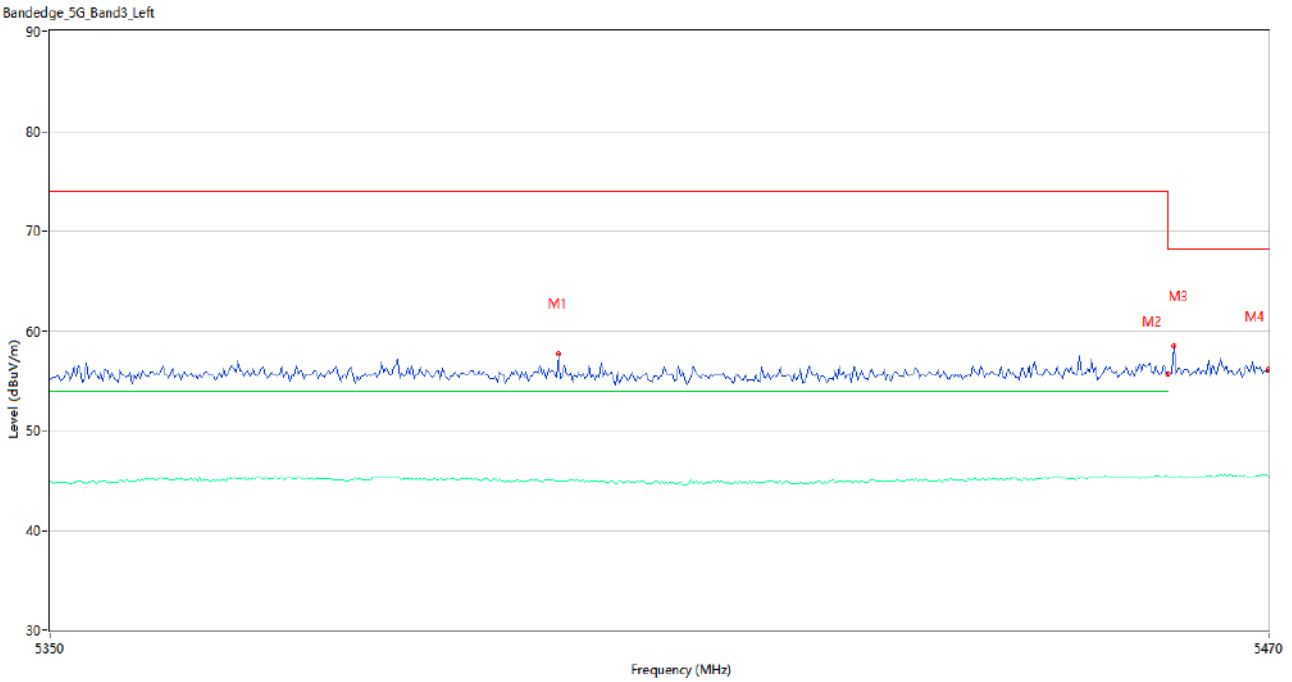

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5368.200 | 57.39 | 2.55 | 74.0 | 16.61 | Peak | 261.00 | 400 | Horizontal | Pass |
| 1** | 5368.200 | 45.26 | 2.55 | 54.0 | 8.74 | AV | 261.00 | 400 | Horizontal | Pass |
| 2 | 5460.000 | 55.82 | 2.67 | 74.0 | 18.18 | Peak | 227.00 | 400 | Horizontal | Pass |
| 2** | 5460.000 | 45.38 | 2.67 | 54.0 | 8.62 | AV | 227.00 | 400 | Horizontal | Pass |
| 3 | 5460.800 | 57.38 | 2.65 | 68.2 | 10.82 | Peak | 104.00 | 100 | Horizontal | Pass |
| 3** | 5460.800 | 45.26 | 2.65 | -- | -- | AV | 104.00 | 100 | Horizontal | N/A |
| 4 | 5470.000 | 56.33 | 2.87 | 68.2 | 11.87 | Peak | 94.00 | 100 | Horizontal | Pass |
| 4** | 5470.000 | 45.48 | 2.87 | -- | -- | AV | 94.00 | 100 | Horizontal | N/A |

## U-NII-2C & U-NII-3 11n40 142 Channel



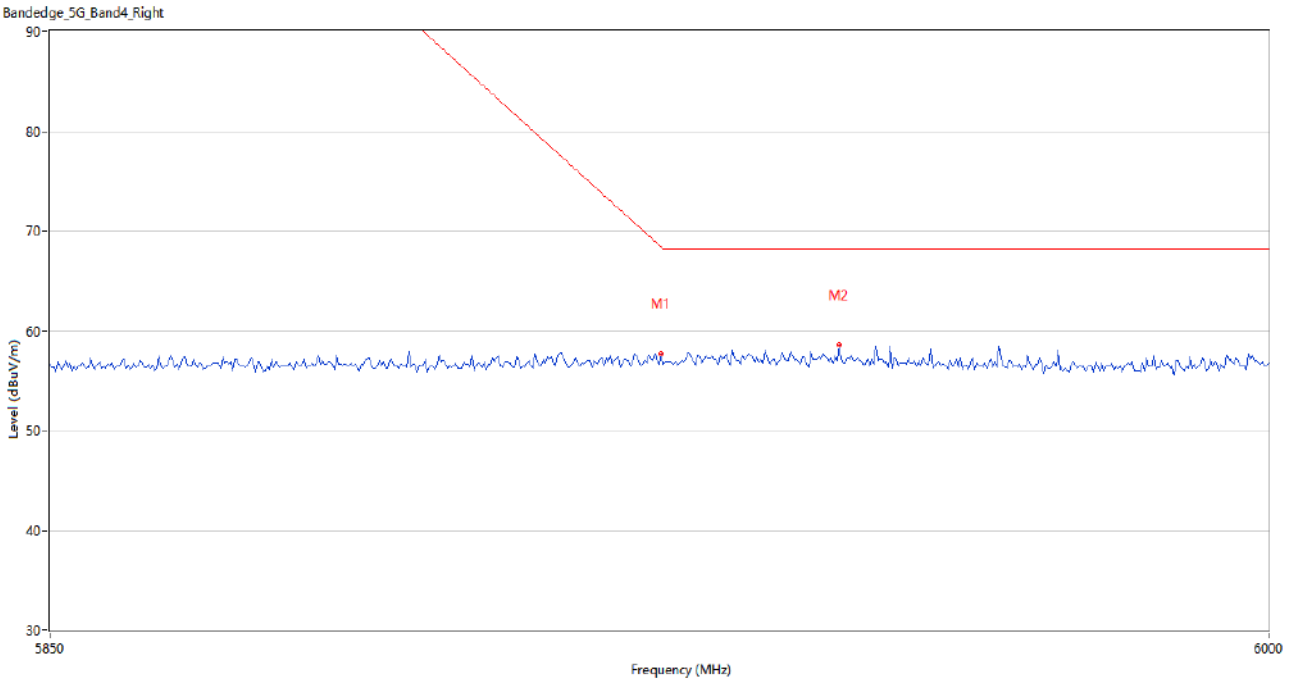

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5924.750 | 57.23 | 3.75 | 68.4 | 11.17 | Peak | 155.00 | 100 | Horizontal | Pass |
| 2 | 5941.250 | 58.60 | 3.79 | 68.2 | 9.60 | Peak | 21.00 | 100 | Horizontal | Pass |

## U-NII-2C & U-NII-3 11ac20 144 Channel



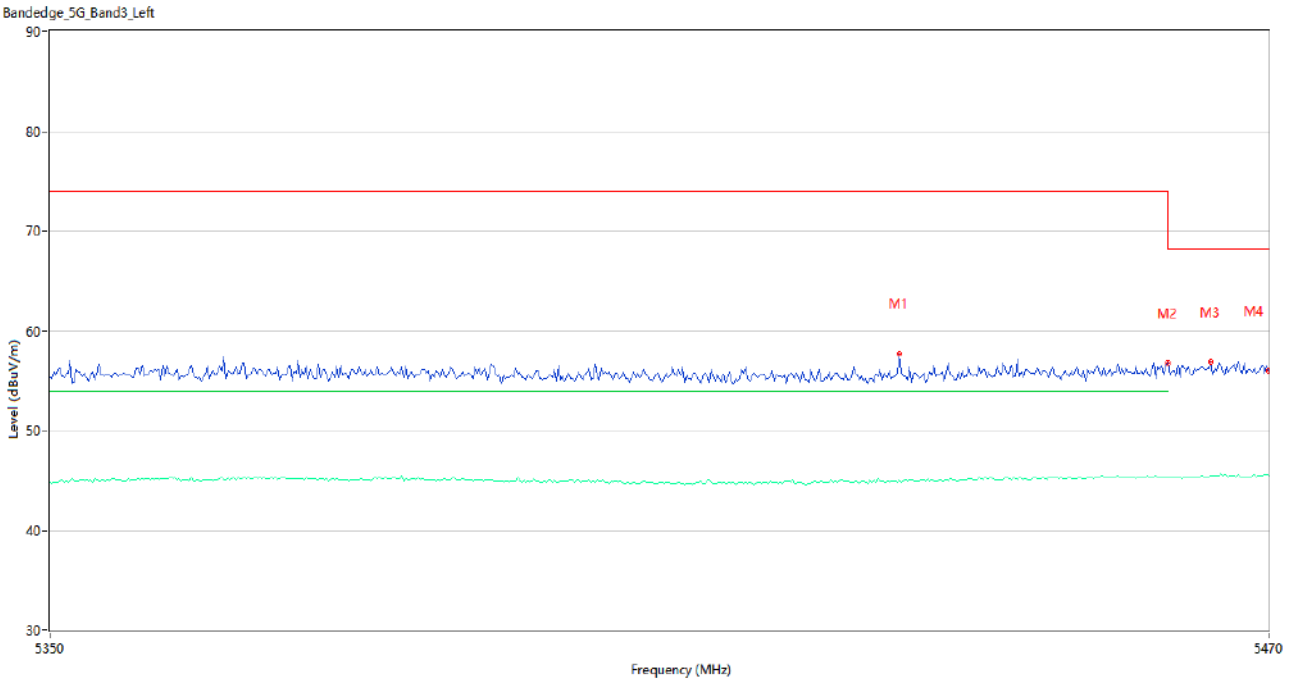

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5399.800 | 57.73 | 2.34 | 74.0 | 16.27 | Peak | 360.00 | 100 | Horizontal | Pass |
| 1** | 5399.800 | 44.92 | 2.34 | 54.0 | 9.08 | AV | 360.00 | 100 | Horizontal | Pass |
| 2 | 5460.000 | 55.66 | 2.67 | 74.0 | 18.34 | Peak | 60.00 | 200 | Horizontal | Pass |
| 2** | 5460.000 | 45.33 | 2.67 | 54.0 | 8.67 | AV | 60.00 | 200 | Horizontal | Pass |
| 3 | 5460.600 | 58.44 | 2.65 | 68.2 | 9.76 | Peak | 290.00 | 100 | Horizontal | Pass |
| 3** | 5460.600 | 45.41 | 2.65 | -- | -- | AV | 290.00 | 100 | Horizontal | N/A |
| 4 | 5470.000 | 56.13 | 2.87 | 68.2 | 12.07 | Peak | 83.00 | 400 | Horizontal | Pass |
| 4** | 5470.000 | 45.40 | 2.87 | -- | -- | AV | 83.00 | 400 | Horizontal | N/A |

## U-NII-2C & U-NII-3 11ac20 144 Channel



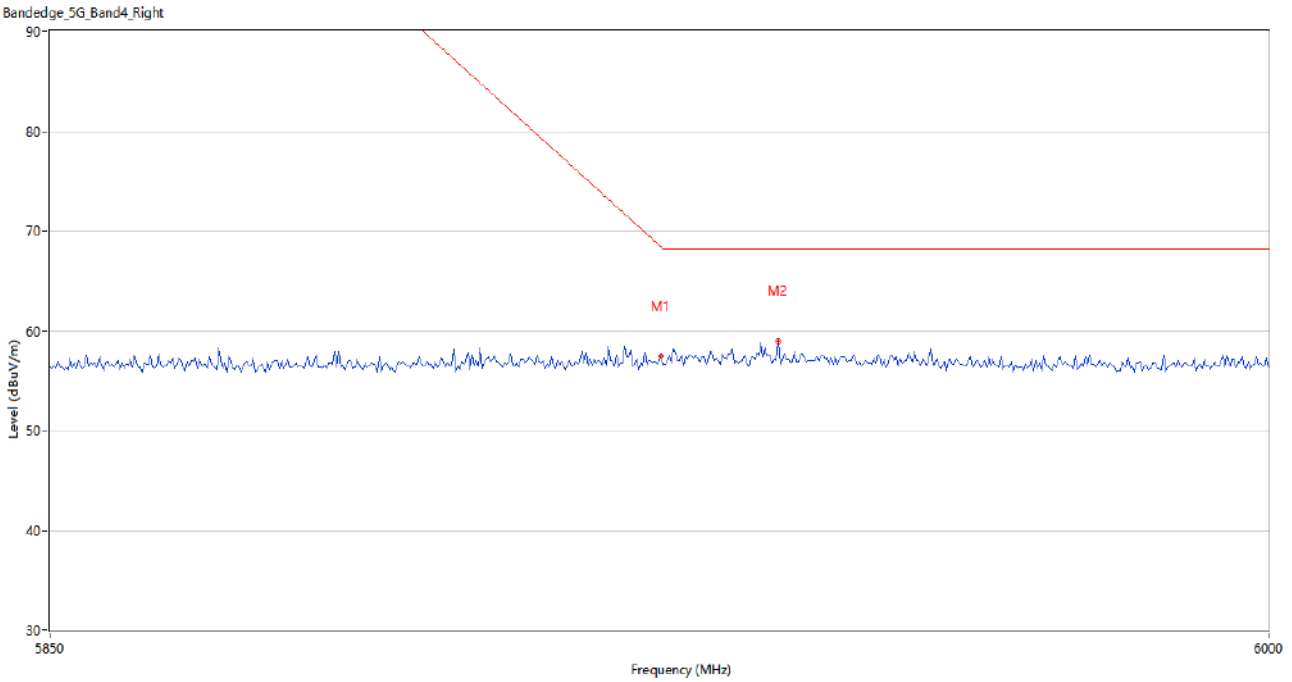

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5924.750 | 57.73 | 3.75 | 68.4 | 10.67 | Peak | 288.00 | 100 | Horizontal | Pass |
| 2 | 5946.750 | 58.57 | 3.76 | 68.2 | 9.63 | Peak | 0.00 | 100 | Horizontal | Pass |

## U-NII-2C & U-NII-3 11ac40 142 Channel



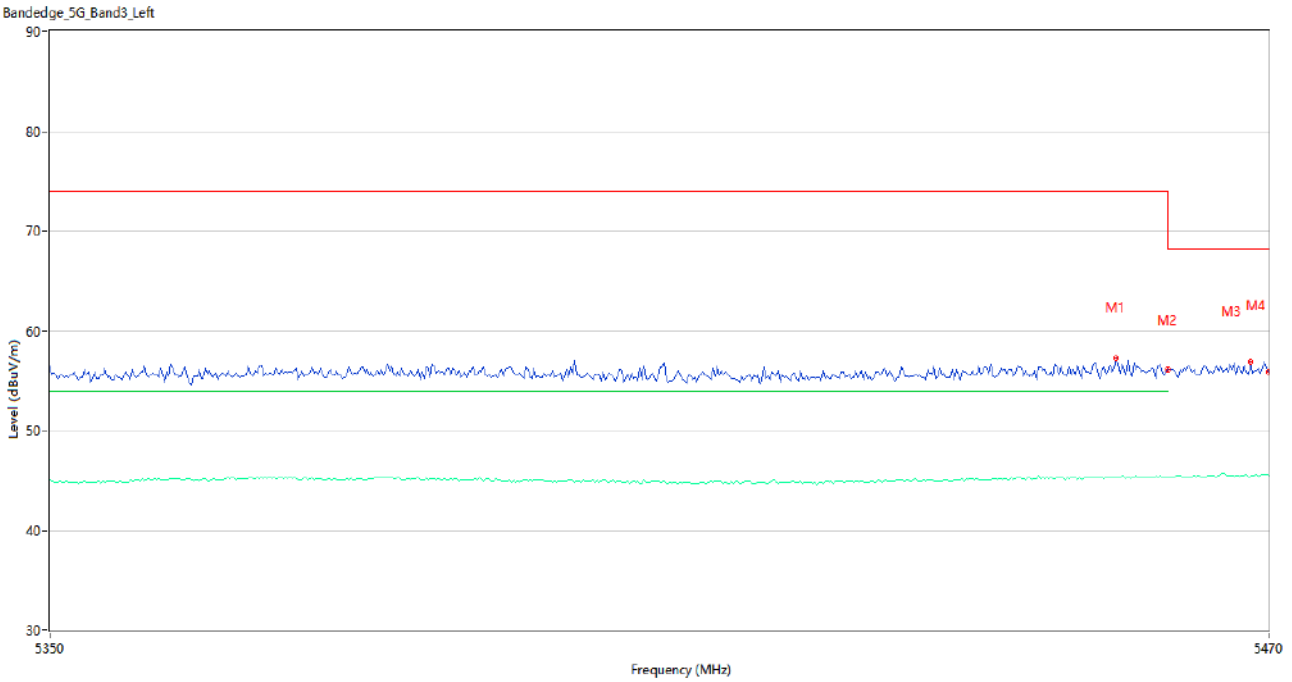

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5433.400 | 57.72 | 2.36 | 74.0 | 16.28 | Peak | 55.00 | 100 | Horizontal | Pass |
| 1** | 5433.400 | 45.00 | 2.36 | 54.0 | 9.00 | AV | 55.00 | 100 | Horizontal | Pass |
| 2 | 5460.000 | 56.79 | 2.67 | 74.0 | 17.21 | Peak | 315.00 | 200 | Horizontal | Pass |
| 2** | 5460.000 | 45.41 | 2.67 | 54.0 | 8.59 | AV | 315.00 | 200 | Horizontal | Pass |
| 3 | 5464.200 | 56.89 | 2.75 | 68.2 | 11.31 | Peak | 315.00 | 200 | Horizontal | Pass |
| 3** | 5464.200 | 45.46 | 2.75 | -- | -- | AV | 315.00 | 200 | Horizontal | N/A |
| 4 | 5470.000 | 55.99 | 2.87 | 68.2 | 12.21 | Peak | 189.00 | 400 | Horizontal | Pass |
| 4** | 5470.000 | 45.46 | 2.87 | -- | -- | AV | 189.00 | 400 | Horizontal | N/A |

## U-NII-2C & U-NII-3 11ac40 142 Channel



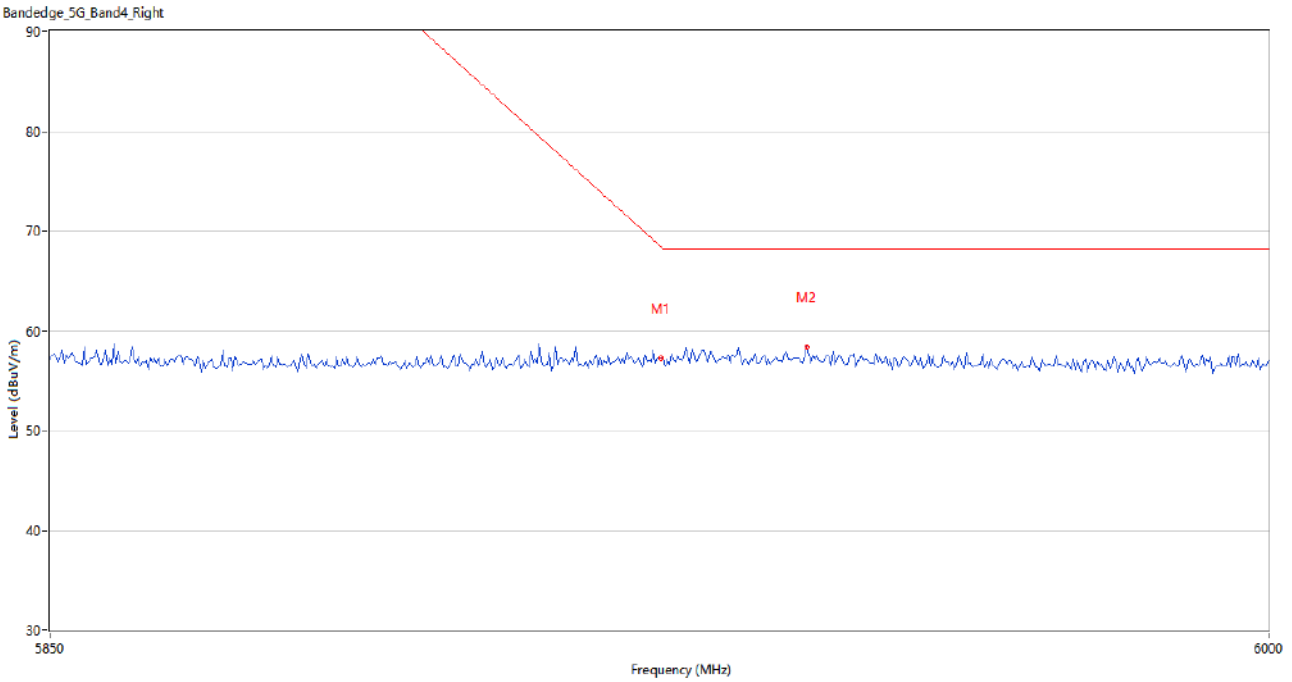

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5924.750 | 57.42 | 3.75 | 68.4 | 10.98 | Peak | 26.00 | 100 | Horizontal | Pass |
| 2 | 5939.250 | 58.97 | 3.82 | 68.2 | 9.23 | Peak | 0.00 | 100 | Horizontal | Pass |

## U-NII-2C & U-NII-3 11ac80 138 Channel




| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5454.800 | 57.28 | 2.62 | 74.0 | 16.72 | Peak | 347.00 | 400 | Horizontal | Pass |
| 1** | 5454.800 | 45.29 | 2.62 | 54.0 | 8.71 | AV | 347.00 | 400 | Horizontal | Pass |
| 2 | 5460.000 | 56.08 | 2.67 | 74.0 | 17.92 | Peak | 156.00 | 200 | Horizontal | Pass |
| 2** | 5460.000 | 45.32 | 2.67 | 54.0 | 8.68 | AV | 156.00 | 200 | Horizontal | Pass |
| 3 | 5468.200 | 56.90 | 2.79 | 68.2 | 11.30 | Peak | 47.00 | 100 | Horizontal | Pass |
| 3** | 5468.200 | 45.33 | 2.79 | -- | -- | AV | 47.00 | 100 | Horizontal | N/A |
| 4 | 5470.000 | 55.85 | 2.87 | 68.2 | 12.35 | Peak | 205.00 | 200 | Horizontal | Pass |
| 4** | 5470.000 | 45.50 | 2.87 | -- | -- | AV | 205.00 | 200 | Horizontal | N/A |

## U-NII-2C & U-NII-3 11ac80 138 Channel




| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5924.750 | 57.23 | 3.75 | 68.4 | 11.17 | Peak | 97.00 | 200 | Horizontal | Pass |
| 2 | 5942.750 | 58.31 | 3.81 | 68.2 | 9.89 | Peak | 320.00 | 200 | Horizontal | Pass |

# ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ24C1475-AR-2.PDF”.

# ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ24C1475-AW.PDF”.

# ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ24C1475-AI.PDF”.

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