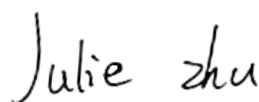


# TEST REPORT

**Applicant:** Realme Chongqing Mobile Telecommunications Corp., Ltd.  
**Address:** No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China  
**Equipment Type:** Mobile Phone  
**Model Name:** RMX3933  
**Brand Name:** realme  
**FCC ID:** 2AUYFRMX3933  
**Test Standard:** 47 CFR Part 15 Subpart E (refer to section 3.1)  
**Sample Arrival Date:** Apr. 25, 2024  
**Test Date:** Apr. 27, 2024 - May 06, 2024  
**Date of Issue:** May 21, 2024

**ISSUED BY:**

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Julie Zhu**Checked by:** Ye Hongji**Approved by:** Liao Jianming  
(Technical Director)

**Revision History**

| Version        | Issue Date          | Revisions            |
|----------------|---------------------|----------------------|
| <u>Rev. 01</u> | <u>May 21, 2024</u> | <u>Initial Issue</u> |

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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                  | <input checked="" type="checkbox"/> Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China                                                        |
|                           | <input type="checkbox"/> 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 | Realme Chongqing Mobile Telecommunications Corp., Ltd.             |
| Address   | No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China |

### 2.2 Manufacturer Information

|              |                                                                    |
|--------------|--------------------------------------------------------------------|
| Manufacturer | Realme Chongqing Mobile Telecommunications Corp., Ltd.             |
| Address      | No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China |

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

|                                           |                                                     |
|-------------------------------------------|-----------------------------------------------------|
| EUT Name                                  | Mobile Phone                                        |
| Model Name Under Test                     | RMX3933                                             |
| Series Model Name                         | N/A                                                 |
| Description of Model name differentiation | N/A                                                 |
| Hardware Version                          | 11                                                  |
| Software Version                          | realme UI Android 14                                |
| Dimensions (Approx.)                      | 167.26*76.67*7.84mm                                 |
| Weight (Approx.)                          | 187g                                                |
| EUT ID                                    | S05, S07, S02, S01                                  |
| IMEI Number                               | S05: IMEI1: 860118070019475, IMEI2: 860118070019467 |
|                                           | S07: IMEI1: 860118070019434, IMEI2: 860118070019426 |
|                                           | S02: IMEI1: 860118070019772, IMEI2: 860118070019764 |
|                                           | S01: IMEI1: 860118070019798, IMEI2: 860118070019780 |

## 2.4 Technical Information

|                                   |                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network and Wireless connectivity | 2G Network GSM/GPRS/EDGE 850/1900 MHz<br>3G Network WCDMA/HSDPA/HSUPA Band 2/4/5<br>4G Network LTE FDD Band 2/4/5/7/13/66<br>LTE TDD Band 38/41<br>Bluetooth (BR+EDR+BLE)<br>2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40)<br>5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80)<br>U-NII-1/2A/2C/3, Galileo, GLONASS, GPS, BDS, SBAS |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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                                                  | <input type="checkbox"/> Mobile<br><input checked="" type="checkbox"/> Portable<br><input type="checkbox"/> Fix Location                                                    |
| Modulation technology                                         | OFDM                                                                                                                                                                        |
| Modulation Type                                               | 256QAM, 64QAM, 16QAM, BPSK, QPSK                                                                                                                                            |
| Transfer Rate (Mbps)<br>(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: 78.89 mW<br>U-NII-2A: 81.10 mW<br>U-NII-2C: 85.11 mW<br>U-NII-3: 76.91 mW                                                                                          |
| Antenna System (eg.,<br>MIMO, Smart Antenna)                  | N/A                                                                                                                                                                         |
| Categorization as<br>Correlated or Completely<br>Uncorrelated | N/A                                                                                                                                                                         |
| Antenna Type                                                  | PIFA Antenna                                                                                                                                                                |
| Antenna Gain                                                  | U-NII-1: 5150 MHz to 5250 MHz: 1.47 dBi<br>U-NII-2A: 5250 MHz to 5350 MHz: 0.77 dBi<br>U-NII-2C: 5470 MHz to 5725 MHz: 0.13 dBi<br>U-NII-3: 5725 MHz to 5850 MHz: -0.74 dBi |
| About the Product                                             | The equipment is Mobile Phone, intended for used with information technology equipment.                                                                                     |

## 2.5 Channel List

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

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            | 149                       | Low     | 5745            |
| 116                        | Mid     | 5580            | 157                       | Mid     | 5785            |
| 140                        | High    | 5700            | 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            | 151                       | Low     | 5755            |
| 118                        | Mid     | 5590            | 159                       | High    | 5795            |
| 134                        | High    | 5670            | --                        | --      | --              |

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



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 | 140/116/100 | 165/157/149 |
|                                             | 11n(20 MHz)  | 6.5       |                 | 48/44/36 | 64/60/52 | 140/116/100 | 165/157/149 |
|                                             | 11n(40 MHz)  | 13.5      |                 | 46/38    | 62/54    | 134/118/102 | 159/151     |
|                                             | 11ac(20 MHz) | 6.5       |                 | 48/44/36 | 64/60/52 | 140/116/100 | 165/157/149 |
|                                             | 11ac(40 MHz) | 13.5      |                 | 46/38    | 62/54    | 134/118/102 | 159/151     |
|                                             | 11ac(80 MHz) | 29.3      |                 | 42       | 58       | 122/106     | 155         |
| Emission Bandwidth & 99% Occupied Bandwidth | 11a          | 6         | BPSK            | 48/44/36 | 64/60/52 | 140/116/100 | 165/157/149 |
|                                             | 11n(20 MHz)  | 6.5       |                 | 48/44/36 | 64/60/52 | 140/116/100 | 165/157/149 |
|                                             | 11n(40 MHz)  | 13.5      |                 | 46/38    | 62/54    | 134/118/102 | 159/151     |
|                                             | 11ac(20 MHz) | 6.5       |                 | 48/44/36 | 64/60/52 | 140/116/100 | 165/157/149 |
|                                             | 11ac(40 MHz) | 13.5      |                 | 46/38    | 62/54    | 134/118/102 | 159/151     |
|                                             | 11ac(80 MHz) | 29.3      |                 | 42       | 58       | 122/106     | 155         |
| 6 dB bandwidth                              | 11a          | 6         | BPSK            | N/A      | N/A      | N/A         | 165/157/149 |
|                                             | 11n(20 MHz)  | 6.5       |                 | N/A      | N/A      | N/A         | 165/157/149 |
|                                             | 11n(40 MHz)  | 13.5      |                 | N/A      | N/A      | N/A         | 159/151     |
|                                             | 11ac(20 MHz) | 6.5       |                 | N/A      | N/A      | N/A         | 165/157/149 |
|                                             | 11ac(40 MHz) | 13.5      |                 | N/A      | N/A      | N/A         | 159/151     |
|                                             | 11ac(80 MHz) | 29.3      |                 | N/A      | N/A      | N/A         | 155         |
| Power Spectral Density                      | 11a          | 6         | BPSK            | 48/44/36 | 64/60/52 | 140/116/100 | 165/157/149 |
|                                             | 11n(20 MHz)  | 6.5       |                 | 48/44/36 | 64/60/52 | 140/116/100 | 165/157/149 |
|                                             | 11n(40 MHz)  | 13.5      |                 | 46/38    | 62/54    | 134/118/102 | 159/151     |
|                                             | 11ac(20 MHz) | 6.5       |                 | 48/44/36 | 64/60/52 | 140/116/100 | 165/157/149 |
|                                             | 11ac(40 MHz) | 13.5      |                 | 46/38    | 62/54    | 134/118/102 | 159/151     |
|                                             | 11ac(80 MHz) | 29.3      |                 | 42       | 58       | 122/106     | 155         |
| Radiated Spurious Emissions                 | 11a          | 6         | BPSK            | 48/44/36 | 64/60/52 | 140/116/100 | 165/157/149 |
|                                             | 11n(20 MHz)  | 6.5       |                 | 48/44/36 | 64/60/52 | 140/116/100 | 165/157/149 |
|                                             | 11n(40 MHz)  | 13.5      |                 | 46/38    | 62/54    | 134/118/102 | 159/151     |
|                                             | 11ac(20 MHz) | 6.5       |                 | 48/44/36 | 64/60/52 | 140/116/100 | 165/157/149 |
|                                             | 11ac(40 MHz) | 13.5      |                 | 46/38    | 62/54    | 134/118/102 | 159/151     |
|                                             | 11ac(80 MHz) | 29.3      |                 | 42       | 58       | 122/106     | 155         |
| Band Edge (Restricted-band)                 | 11a          | 6         | BPSK            | 48/36    | 64/52    | 140/100     | 165/149     |
|                                             | 11n(20 MHz)  | 6.5       |                 | 48/36    | 64/52    | 140/100     | 165/149     |
|                                             | 11n(40 MHz)  | 13.5      |                 | 46/38    | 62/54    | 134/102     | 159/151     |
|                                             | 11ac(20 MHz) | 6.5       |                 | 48/36    | 64/52    | 140/100     | 165/149     |
|                                             | 11ac(40 MHz) | 13.5      |                 | 46/38    | 62/54    | 134/102     | 159/151     |
|                                             | 11ac(80 MHz) | 29.3      |                 | 42       | 58       | 122/106     | 155         |

### 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<br>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 <sup>Note1</sup> |
| 2   | RF Output Power                                                | 15.407(a)    | ANNEX A.1   | Pass                  |
| 3   | Emission Bandwidth<br>& 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<br>Edge (Restricted-band) | 15.407(b)    | ANNEX A.6   | Pass                  |

Note <sup>1</sup>: The EUT has a permanently and irreplaceable attached antenna, which complies with the requirement FCC 15.203.

Note <sup>2</sup>: 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          | 55% to 73%              |                    |
| Atmospheric Pressure       | 100 kPa to 102 kPa      |                    |
| Temperature                | NT (Normal Temperature) | +22.6°C to +25.6°C |
|                            | LT (Low Temperature)    | 0.0°C              |
|                            | HT (High Temperature)   | +35.0°C            |
| Working Voltage of the EUT | NV (Normal Voltage)     | 3.91 V             |
|                            | LV (Low Voltage)        | 3.40 V             |
|                            | HV (High Voltage)       | 4.50 V             |

### 4.2 Test Equipment List

| Description         | Manufacturer               | Model             | Serial No.  | Cal. Date  | Cal. Due   |
|---------------------|----------------------------|-------------------|-------------|------------|------------|
| Spectrum Analyzer   | KEYSIGHT                   | N9020A            | MY50330200  | 2023.05.16 | 2024.05.15 |
| Power Sensor        | KEYSIGHT                   | U2063XA           | MY58000251  | 2023.07.12 | 2024.07.11 |
| Spectrum Analyzer   | KEYSIGHT                   | N9020A            | MY50531259  | 2023.09.05 | 2024.09.04 |
| Test Antenna-Horn   | SCHWARZBECK                | BBHA 9120D        | 02460       | 2021.05.20 | 2024.05.19 |
| Test Antenna-Horn   | A-INFO                     | LB-180400KF       | J211060273  | 2021.07.02 | 2024.07.01 |
| Anechoic Chamber    | RAINFORD                   | 9m*6m*6m          | 140         | 2022.02.19 | 2024.08.15 |
| Amplifier           | COM-MV                     | LSCX_LNA1-12G-01  | 7210214     | 2023.09.05 | 2024.09.04 |
| Amplifier           | COM-MV                     | XKu_LNA7-18G-01   | 7210209     | 2023.09.05 | 2024.09.04 |
| Amplifier           | COM-MV                     | KA LNA18 40G-01   | 18050001    | 2023.12.06 | 2024.12.05 |
| EMI Receiver        | ROHDE&SCHWARZ              | ESRP              | 101036      | 2023.09.05 | 2024.09.04 |
| Test Antenna-Loop   | SCHWARZBECK                | FMZB 1519         | 1519-037    | 2024.01.23 | 2025.01.22 |
| Amplifier           | COM-MV                     | ZT30-1000M        | B2018054558 | 2023.12.05 | 2024.12.04 |
| Anechoic Chamber    | EMC Electronic Co., Ltd    | 20.10*11.60*7.35m | 130         | 2021.08.15 | 2024.08.14 |
| EMI Receiver        | KEYSIGHT                   | N9038A            | MY53220118  | 2023.09.05 | 2024.09.04 |
| Test Antenna-Bi-Log | SCHWARZBECK                | VULB 9163         | 9163-624    | 2021.08.20 | 2024.08.19 |
| Amplifier           | COM-MV                     | ZT30-1000M        | B2017119082 | 2023.12.05 | 2024.12.04 |
| Anechoic Chamber    | RAINFORD                   | 9m*6m*6m          | 101         | 2023.03.04 | 2026.03.03 |
| EMI Receiver        | KEYSIGHT                   | N9010B            | MY57110309  | 2023.09.05 | 2024.09.04 |
| LISN                | SCHWARZBECK                | NSLK 8127         | 8127-687    | 2023.05.16 | 2024.05.15 |
| Shielded Enclosure  | YiHeng Electronic Co., Ltd | 3.5m*3.1m*2.8 m   | 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%          |

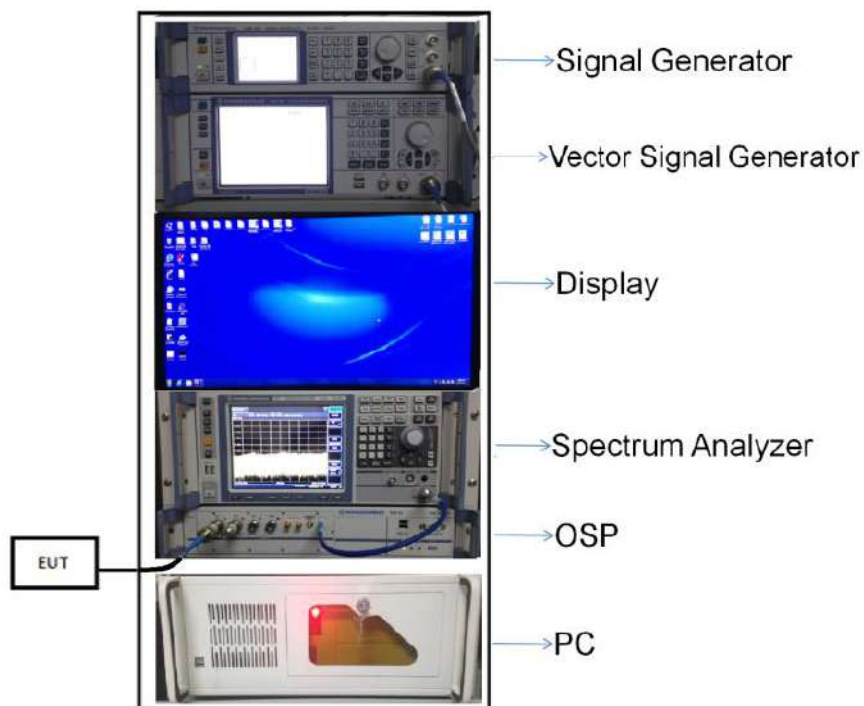
## 4.5 Description of Test Setup

### 4.5.1 For Antenna Port Test

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

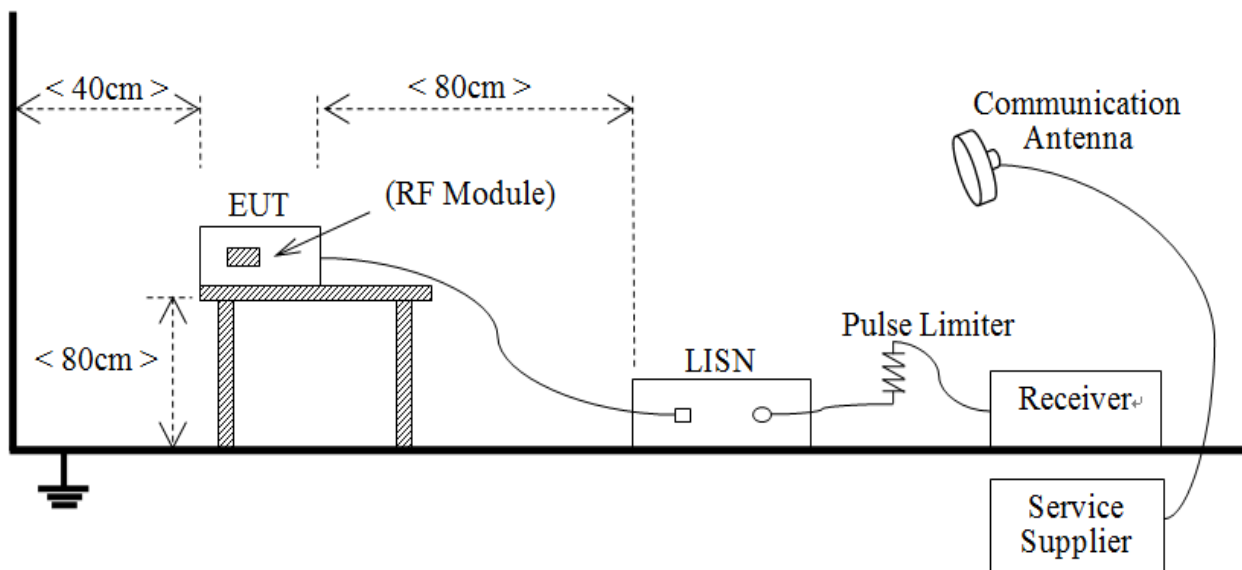
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

Conducted value (dBm) = 10 dBm + 0.5 dB = 10.5 dBm



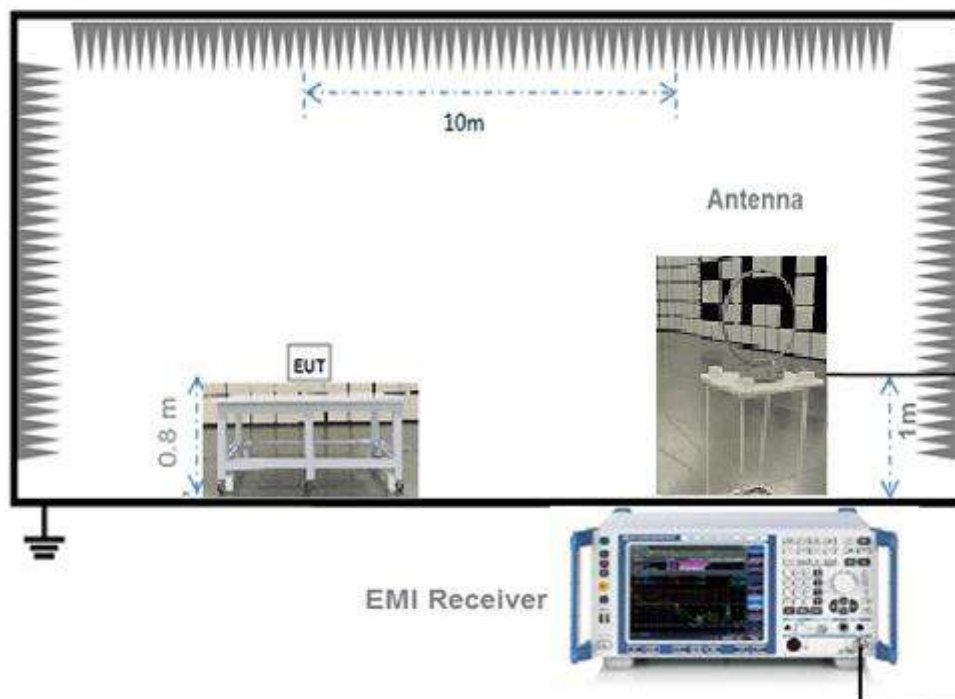
(Diagram 1)

#### 4.5.2 For AC Power Supply Port Test



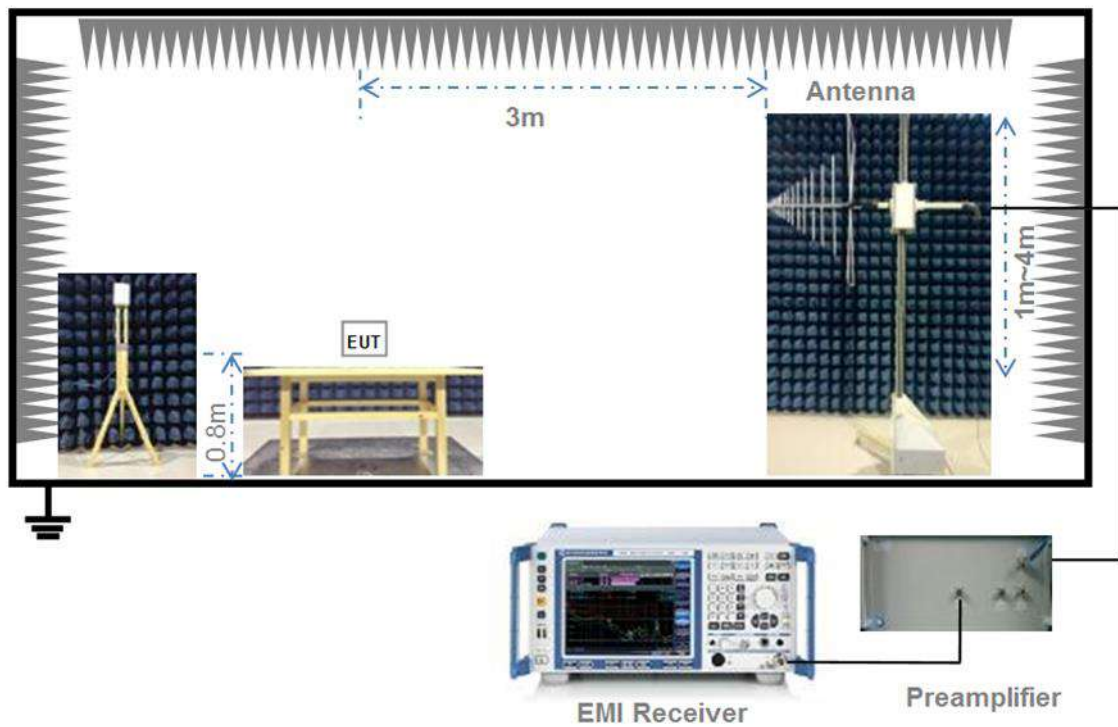
(Diagram 2)

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



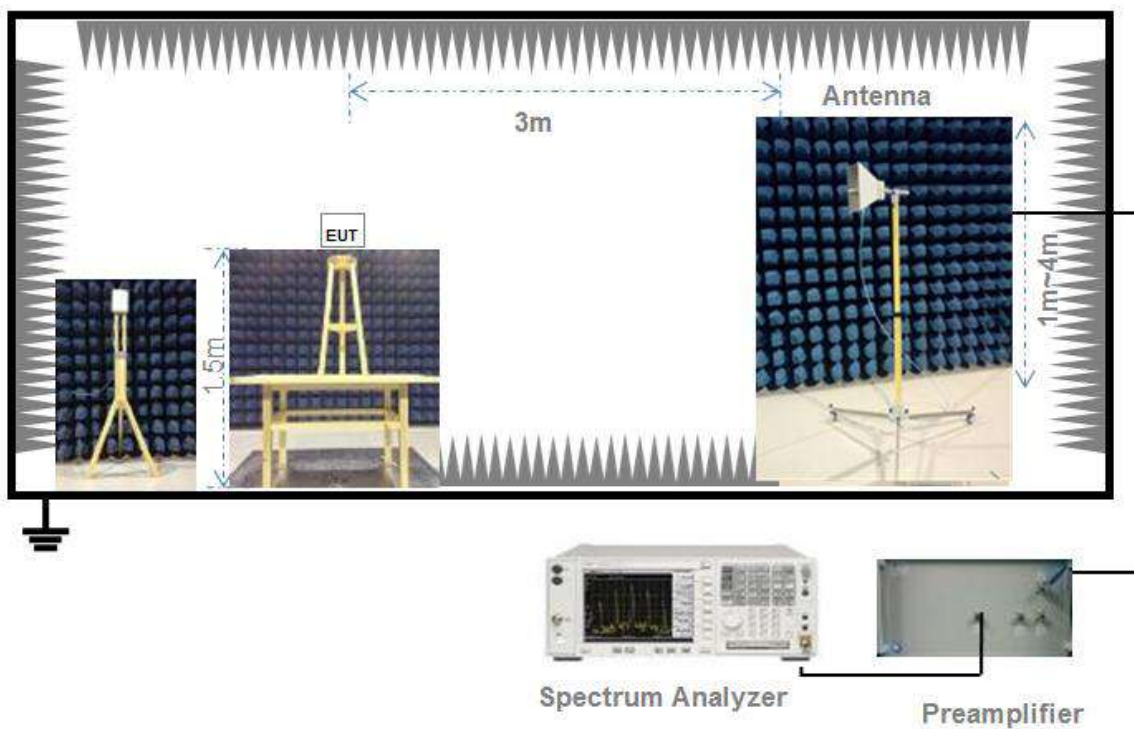
(Diagram 3)

#### 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  $\geq$  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  $T \leq 16.7$  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  $\geq 3 \times$  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  $\geq 3 \times$  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  $\geq 3 \times$  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 50 $\mu$ H/50 $\Omega$  line impedance stabilization network (LISN).

| Frequency range<br>(MHz) | Conducted Limit (dB $\mu$ V) |          |
|--------------------------|------------------------------|----------|
|                          | 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)

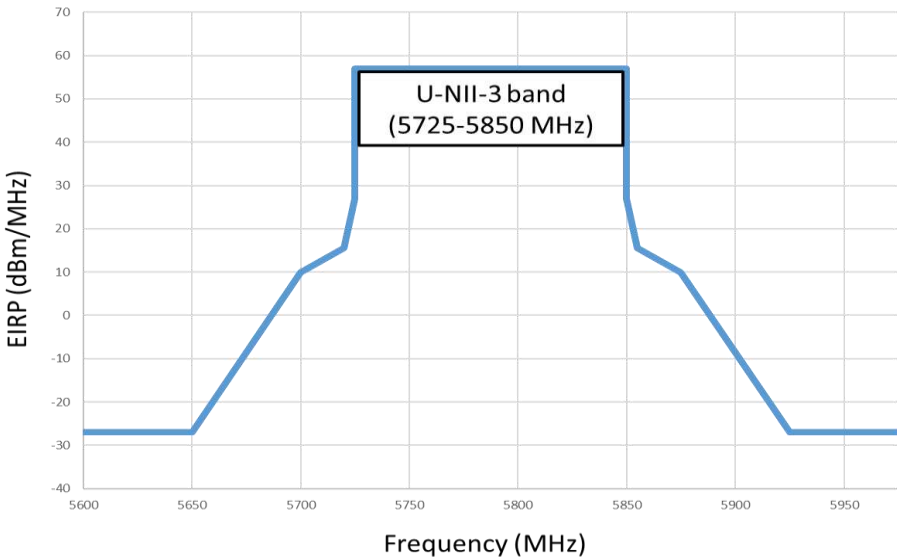
### 5.5.1 Limit

FCC §15.209 & 15.407(b)

| Frequency (MHz) | Field Strength ( $\mu\text{V/m}$ ) | 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 <sup>1</sup>: The Limit for radiated test was performed according to FCC Part 15C

Note <sup>2</sup>: 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                  | <p>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.</p>  |

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  $\leq 30$  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:

$$E = \text{EIRP} - 20\log D + 104.8$$

where:

E = electric field strength in dB $\mu$ V/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  $\geq 3 \times$  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  $\geq 98$  percent) cannot be achieved and the duty cycle is constant (i.e., duty cycle variations are less than  $\pm 2$  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  $\geq 3 \times$  RBW.
- e) Detector = RMS, if  $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$ . 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 ( $\geq 98$  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  $f \geq 1$  GHz, 100 kHz for  $f < 1$  GHz

VBW  $\geq$  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 | Duty Factor |
|-------------------------|--------------|------------------|------------|-------------|
| 11a                     | 1.39         | 1.55             | 89.25%     | 0.49        |
| 11n (HT20)/11ac (VHT20) | 1.18         | 1.35             | 87.21%     | 0.59        |
| 11n (HT40)/11ac (VHT40) | 0.58         | 0.79             | 74.02%     | 1.31        |
| 11ac (VHT80)            | 0.29         | 0.55             | 53.62%     | 2.71        |

#### Test Data

#### Conducted Power

| U-NII-1 (5150 - 5250 MHz) |         |                       |                      |                |         |
|---------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                      | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                       | CH36    | 13.81                 | 24.04                | 250            | Pass    |
| 11a                       | CH44    | 18.97                 | 78.89                | 250            | Pass    |
| 11a                       | CH48    | 18.86                 | 76.91                | 250            | Pass    |
| 11n (HT20)                | CH36    | 10.97                 | 12.50                | 250            | Pass    |
| 11n (HT20)                | CH44    | 18.60                 | 72.44                | 250            | Pass    |
| 11n (HT20)                | CH48    | 17.90                 | 61.66                | 250            | Pass    |
| 11n (HT40)                | CH38    | 8.75                  | 7.50                 | 250            | Pass    |
| 11n (HT40)                | CH46    | 18.04                 | 63.68                | 250            | Pass    |
| 11ac (VHT20)              | CH36    | 13.91                 | 24.60                | 250            | Pass    |
| 11ac (VHT20)              | CH44    | 18.19                 | 65.92                | 250            | Pass    |
| 11ac (VHT20)              | CH48    | 17.95                 | 62.37                | 250            | Pass    |
| 11ac (VHT40)              | CH38    | 11.52                 | 14.19                | 250            | Pass    |
| 11ac (VHT40)              | CH46    | 18.69                 | 73.96                | 250            | Pass    |
| 11ac (VHT80)              | CH42    | 12.55                 | 17.99                | 250            | Pass    |

| U-NII-2A (5250 - 5350 MHz) |         |                       |                      |                |         |
|----------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                       | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                        | CH52    | 18.94                 | 78.34                | 250            | Pass    |
| 11a                        | CH60    | 18.60                 | 72.44                | 250            | Pass    |
| 11a                        | CH64    | 12.11                 | 16.26                | 250            | Pass    |
| 11n (HT20)                 | CH52    | 18.96                 | 78.70                | 250            | Pass    |
| 11n (HT20)                 | CH60    | 18.91                 | 77.80                | 250            | Pass    |
| 11n (HT20)                 | CH64    | 13.41                 | 21.93                | 250            | Pass    |
| 11n (HT40)                 | CH54    | 18.75                 | 74.99                | 250            | Pass    |
| 11n (HT40)                 | CH62    | 9.88                  | 9.73                 | 250            | Pass    |
| 11ac (VHT20)               | CH52    | 18.81                 | 76.03                | 250            | Pass    |
| 11ac (VHT20)               | CH60    | 19.09                 | 81.10                | 250            | Pass    |
| 11ac (VHT20)               | CH64    | 11.27                 | 13.40                | 250            | Pass    |
| 11ac (VHT40)               | CH54    | 18.55                 | 71.61                | 250            | Pass    |
| 11ac (VHT40)               | CH62    | 10.77                 | 11.94                | 250            | Pass    |
| 11ac (VHT80)               | CH58    | 13.40                 | 21.88                | 250            | Pass    |

| U-NII-2C (5470 - 5725 MHz) |         |                       |                      |                |         |
|----------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                       | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                        | CH100   | 13.32                 | 21.48                | 250            | Pass    |
| 11a                        | CH116   | 18.50                 | 70.79                | 250            | Pass    |
| 11a                        | CH140   | 9.64                  | 9.20                 | 250            | Pass    |
| 11n (HT20)                 | CH100   | 10.97                 | 12.50                | 250            | Pass    |
| 11n (HT20)                 | CH116   | 19.27                 | 84.53                | 250            | Pass    |
| 11n (HT20)                 | CH140   | 9.67                  | 9.27                 | 250            | Pass    |
| 11n (HT40)                 | CH102   | 7.23                  | 5.28                 | 250            | Pass    |
| 11n (HT40)                 | CH118   | 19.04                 | 80.17                | 250            | Pass    |
| 11n (HT40)                 | CH134   | 11.49                 | 14.09                | 250            | Pass    |
| 11ac (VHT20)               | CH100   | 10.61                 | 11.51                | 250            | Pass    |
| 11ac (VHT20)               | CH116   | 19.30                 | 85.11                | 250            | Pass    |
| 11ac (VHT20)               | CH140   | 9.70                  | 9.33                 | 250            | Pass    |
| 11ac (VHT40)               | CH102   | 7.06                  | 5.08                 | 250            | Pass    |
| 11ac (VHT40)               | CH118   | 18.84                 | 76.56                | 250            | Pass    |
| 11ac (VHT40)               | CH134   | 11.59                 | 14.42                | 250            | Pass    |
| 11ac (VHT80)               | CH106   | 14.17                 | 26.12                | 250            | Pass    |
| 11ac (VHT80)               | CH122   | 18.89                 | 77.45                | 250            | Pass    |

| U-NII-3 (5725 - 5850 MHz) |         |                       |                      |                |         |
|---------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                      | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                       | CH149   | 17.10                 | 51.29                | 1000           | Pass    |
| 11a                       | CH157   | 18.18                 | 65.77                | 1000           | Pass    |
| 11a                       | CH165   | 18.61                 | 72.61                | 1000           | Pass    |
| 11n (HT20)                | CH149   | 13.38                 | 21.78                | 1000           | Pass    |
| 11n (HT20)                | CH157   | 16.96                 | 49.66                | 1000           | Pass    |
| 11n (HT20)                | CH165   | 17.11                 | 51.40                | 1000           | Pass    |
| 11n (HT40)                | CH151   | 8.30                  | 6.76                 | 1000           | Pass    |
| 11n (HT40)                | CH159   | 18.86                 | 76.91                | 1000           | Pass    |
| 11ac (VHT20)              | CH149   | 13.40                 | 21.88                | 1000           | Pass    |
| 11ac (VHT20)              | CH157   | 17.83                 | 60.67                | 1000           | Pass    |
| 11ac (VHT20)              | CH165   | 16.24                 | 42.07                | 1000           | Pass    |
| 11ac (VHT40)              | CH151   | 9.23                  | 8.38                 | 1000           | Pass    |
| 11ac (VHT40)              | CH159   | 18.37                 | 68.71                | 1000           | Pass    |
| 11ac (VHT80)              | CH155   | 12.17                 | 16.48                | 1000           | Pass    |

## A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2441131-604 Data Part 1.pdf".

### Test Data

| U-NII-1 (5150 - 5250 MHz) |         |                       |                     |
|---------------------------|---------|-----------------------|---------------------|
| Mode                      | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                       | CH36    | 28.48                 | 16.77               |
| 11a                       | CH44    | 34.39                 | 17.38               |
| 11a                       | CH48    | 34.30                 | 17.27               |
| 11n (HT20)                | CH36    | 31.86                 | 17.85               |
| 11n (HT20)                | CH44    | 37.65                 | 18.17               |
| 11n (HT20)                | CH48    | 31.93                 | 17.85               |
| 11n (HT40)                | CH38    | 48.39                 | 36.31               |
| 11n (HT40)                | CH46    | 50.92                 | 36.28               |
| 11ac (VHT20)              | CH36    | 33.26                 | 17.81               |
| 11ac (VHT20)              | CH44    | 30.74                 | 17.90               |
| 11ac (VHT20)              | CH48    | 33.85                 | 17.88               |
| 11ac (VHT40)              | CH38    | 54.54                 | 36.54               |
| 11ac (VHT40)              | CH46    | 60.85                 | 36.39               |
| 11ac (VHT80)              | CH42    | 86.80                 | 75.51               |

| U-NII-2A (5250 - 5350 MHz) |         |                       |                     |
|----------------------------|---------|-----------------------|---------------------|
| Mode                       | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                        | CH52    | 34.79                 | 17.76               |
| 11a                        | CH60    | 34.77                 | 17.75               |
| 11a                        | CH64    | 27.80                 | 16.77               |
| 11n (HT20)                 | CH52    | 39.36                 | 18.40               |
| 11n (HT20)                 | CH60    | 38.05                 | 18.43               |
| 11n (HT20)                 | CH64    | 30.98                 | 17.86               |
| 11n (HT40)                 | CH54    | 64.67                 | 36.48               |
| 11n (HT40)                 | CH62    | 49.69                 | 36.32               |
| 11ac (VHT20)               | CH52    | 38.94                 | 18.41               |
| 11ac (VHT20)               | CH60    | 37.84                 | 18.53               |
| 11ac (VHT20)               | CH64    | 32.09                 | 17.80               |
| 11ac (VHT40)               | CH54    | 70.03                 | 36.47               |
| 11ac (VHT40)               | CH62    | 52.69                 | 36.26               |
| 11ac (VHT80)               | CH58    | 83.24                 | 75.44               |

| U-NII-2C (5470 - 5725 MHz) |         |                       |                     |
|----------------------------|---------|-----------------------|---------------------|
| Mode                       | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                        | CH100   | 27.30                 | 16.78               |
| 11a                        | CH116   | 30.71                 | 16.88               |
| 11a                        | CH140   | 25.02                 | 16.74               |
| 11n (HT20)                 | CH100   | 29.19                 | 17.80               |
| 11n (HT20)                 | CH116   | 35.70                 | 17.99               |
| 11n (HT20)                 | CH140   | 28.05                 | 17.81               |
| 11n (HT40)                 | CH102   | 50.37                 | 36.39               |
| 11n (HT40)                 | CH118   | 52.18                 | 36.31               |
| 11n (HT40)                 | CH134   | 54.50                 | 36.60               |
| 11ac (VHT20)               | CH100   | 30.71                 | 17.74               |
| 11ac (VHT20)               | CH116   | 34.28                 | 17.99               |
| 11ac (VHT20)               | CH140   | 32.01                 | 17.76               |
| 11ac (VHT40)               | CH102   | 52.79                 | 36.37               |
| 11ac (VHT40)               | CH118   | 60.39                 | 36.30               |
| 11ac (VHT40)               | CH134   | 54.44                 | 36.52               |
| 11ac (VHT80)               | CH106   | 87.58                 | 75.67               |
| 11ac (VHT80)               | CH122   | 113.80                | 75.71               |

| U-NII-3 (5725 - 5850 MHz) |         |                       |                     |
|---------------------------|---------|-----------------------|---------------------|
| Mode                      | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                       | CH149   | 29.88                 | 16.76               |
| 11a                       | CH157   | 29.21                 | 16.84               |
| 11a                       | CH165   | 34.16                 | 17.15               |
| 11n (HT20)                | CH149   | 31.61                 | 17.86               |
| 11n (HT20)                | CH157   | 29.00                 | 17.77               |
| 11n (HT20)                | CH165   | 29.42                 | 17.81               |
| 11n (HT40)                | CH151   | 48.45                 | 36.37               |
| 11n (HT40)                | CH159   | 60.54                 | 36.38               |
| 11ac (VHT20)              | CH149   | 33.33                 | 17.79               |
| 11ac (VHT20)              | CH157   | 32.06                 | 17.81               |
| 11ac (VHT20)              | CH165   | 30.45                 | 17.74               |
| 11ac (VHT40)              | CH151   | 52.87                 | 36.30               |
| 11ac (VHT40)              | CH159   | 60.28                 | 36.28               |
| 11ac (VHT80)              | CH155   | 86.97                 | 75.62               |

### A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2441131-604 Data Part 2.pdf”.

#### Test Data

| U-NII-3 (5725 - 5850 MHz) |         |                      |             |         |
|---------------------------|---------|----------------------|-------------|---------|
| Mode                      | Channel | 6 dB Bandwidth (MHz) | Limit (kHz) | Verdict |
| 11a                       | CH149   | 16.60                | 500.00      | Pass    |
| 11a                       | CH157   | 16.60                | 500.00      | Pass    |
| 11a                       | CH165   | 16.60                | 500.00      | Pass    |
| 11n (HT20)                | CH149   | 17.50                | 500.00      | Pass    |
| 11n (HT20)                | CH157   | 17.60                | 500.00      | Pass    |
| 11n (HT20)                | CH165   | 17.40                | 500.00      | Pass    |
| 11n (HT40)                | CH151   | 36.20                | 500.00      | Pass    |
| 11n (HT40)                | CH159   | 35.70                | 500.00      | Pass    |
| 11ac (VHT20)              | CH149   | 17.60                | 500.00      | Pass    |
| 11ac (VHT20)              | CH157   | 17.50                | 500.00      | Pass    |
| 11ac (VHT20)              | CH165   | 17.50                | 500.00      | Pass    |
| 11ac (VHT40)              | CH151   | 36.20                | 500.00      | Pass    |
| 11ac (VHT40)              | CH159   | 35.80                | 500.00      | Pass    |
| 11ac (VHT80)              | CH155   | 76.20                | 500.00      | Pass    |



## A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ2441131-604 Data Part 3.pdf".

### Test Data

| U-NII-1 (5150 - 5250 MHz) |         |               |                 |         |
|---------------------------|---------|---------------|-----------------|---------|
| Mode                      | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                       | CH36    | 1.78          | 11.00           | Pass    |
| 11a                       | CH44    | 7.29          | 11.00           | Pass    |
| 11a                       | CH48    | 7.09          | 11.00           | Pass    |
| 11n (HT20)                | CH36    | -1.44         | 11.00           | Pass    |
| 11n (HT20)                | CH44    | 6.99          | 11.00           | Pass    |
| 11n (HT20)                | CH48    | 5.66          | 11.00           | Pass    |
| 11n (HT40)                | CH38    | -7.05         | 11.00           | Pass    |
| 11n (HT40)                | CH46    | 2.39          | 11.00           | Pass    |
| 11ac (VHT20)              | CH36    | 1.47          | 11.00           | Pass    |
| 11ac (VHT20)              | CH44    | 6.38          | 11.00           | Pass    |
| 11ac (VHT20)              | CH48    | 6.22          | 11.00           | Pass    |
| 11ac (VHT40)              | CH38    | -4.41         | 11.00           | Pass    |
| 11ac (VHT40)              | CH46    | 3.09          | 11.00           | Pass    |
| 11ac (VHT80)              | CH42    | -7.69         | 11.00           | Pass    |

| U-NII-2A (5250 - 5350 MHz) |         |               |                 |         |
|----------------------------|---------|---------------|-----------------|---------|
| Mode                       | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                        | CH52    | 7.22          | 11.00           | Pass    |
| 11a                        | CH60    | 6.99          | 11.00           | Pass    |
| 11a                        | CH64    | -0.13         | 11.00           | Pass    |
| 11n (HT20)                 | CH52    | 6.99          | 11.00           | Pass    |
| 11n (HT20)                 | CH60    | 6.92          | 11.00           | Pass    |
| 11n (HT20)                 | CH64    | 0.76          | 11.00           | Pass    |
| 11n (HT40)                 | CH54    | 3.02          | 11.00           | Pass    |
| 11n (HT40)                 | CH62    | -6.33         | 11.00           | Pass    |
| 11ac (VHT20)               | CH52    | 6.95          | 11.00           | Pass    |
| 11ac (VHT20)               | CH60    | 6.85          | 11.00           | Pass    |
| 11ac (VHT20)               | CH64    | -1.34         | 11.00           | Pass    |
| 11ac (VHT40)               | CH54    | 2.96          | 11.00           | Pass    |
| 11ac (VHT40)               | CH62    | -5.12         | 11.00           | Pass    |
| 11ac (VHT80)               | CH58    | -6.98         | 11.00           | Pass    |

| U-NII-2C (5470 - 5725 MHz) |         |               |                 |         |
|----------------------------|---------|---------------|-----------------|---------|
| Mode                       | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                        | CH100   | 1.29          | 11.00           | Pass    |
| 11a                        | CH116   | 6.43          | 11.00           | Pass    |
| 11a                        | CH140   | -2.41         | 11.00           | Pass    |
| 11n (HT20)                 | CH100   | -1.51         | 11.00           | Pass    |
| 11n (HT20)                 | CH116   | 6.84          | 11.00           | Pass    |
| 11n (HT20)                 | CH140   | -2.67         | 11.00           | Pass    |
| 11n (HT40)                 | CH102   | -8.63         | 11.00           | Pass    |
| 11n (HT40)                 | CH118   | 3.07          | 11.00           | Pass    |
| 11n (HT40)                 | CH134   | -4.31         | 11.00           | Pass    |
| 11ac (VHT20)               | CH100   | -1.64         | 11.00           | Pass    |
| 11ac (VHT20)               | CH116   | 6.92          | 11.00           | Pass    |
| 11ac (VHT20)               | CH140   | -2.59         | 11.00           | Pass    |
| 11ac (VHT40)               | CH102   | -8.78         | 11.00           | Pass    |
| 11ac (VHT40)               | CH118   | 2.96          | 11.00           | Pass    |
| 11ac (VHT40)               | CH134   | -4.26         | 11.00           | Pass    |
| 11ac (VHT80)               | CH106   | -6.08         | 11.00           | Pass    |
| 11ac (VHT80)               | CH122   | -1.32         | 11.00           | Pass    |

| U-NII-3 (5725 - 5850 MHz) |         |                  |                    |         |
|---------------------------|---------|------------------|--------------------|---------|
| Mode                      | Channel | PSD (dBm/500kHz) | Limit (dBm/500kHz) | Verdict |
| 11a                       | CH149   | 2.34             | 30.00              | Pass    |
| 11a                       | CH157   | 3.40             | 30.00              | Pass    |
| 11a                       | CH165   | 4.23             | 30.00              | Pass    |
| 11n (HT20)                | CH149   | -1.70            | 30.00              | Pass    |
| 11n (HT20)                | CH157   | 1.68             | 30.00              | Pass    |
| 11n (HT20)                | CH165   | 2.09             | 30.00              | Pass    |
| 11n (HT40)                | CH151   | -10.34           | 30.00              | Pass    |
| 11n (HT40)                | CH159   | 0.22             | 30.00              | Pass    |
| 11ac (VHT20)              | CH149   | -1.62            | 30.00              | Pass    |
| 11ac (VHT20)              | CH157   | 2.86             | 30.00              | Pass    |
| 11ac (VHT20)              | CH165   | 1.23             | 30.00              | Pass    |
| 11ac (VHT40)              | CH151   | -9.58            | 30.00              | Pass    |
| 11ac (VHT40)              | CH159   | 0.20             | 30.00              | Pass    |
| 11ac (VHT80)              | CH155   | -10.89           | 30.00              | Pass    |

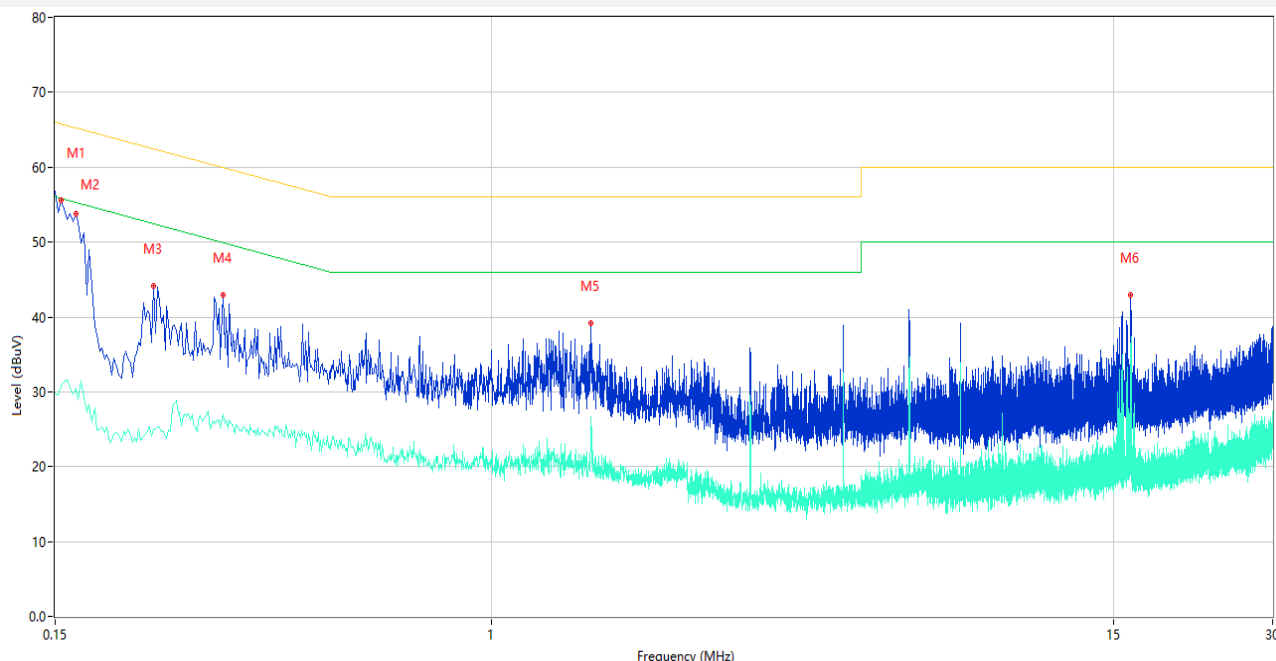
## A.5 Conducted Emissions

Note<sup>1</sup>: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note<sup>2</sup>: 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.

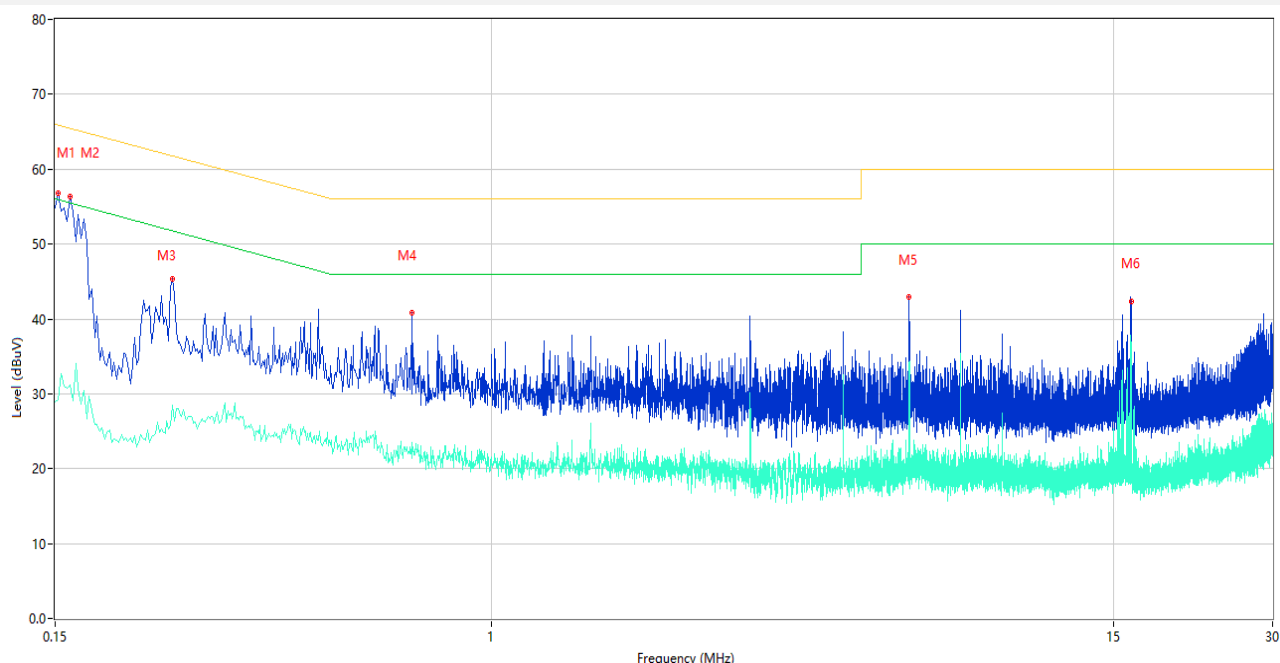
### Test Data and Plots

#### PHASE L



| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Over Limit (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-----------------|----------|------|---------|
| 1   | 0.154           | 55.58          | 10.11       | 65.78        | 10.20           | Peak     | L    | Pass    |
| 1** | 0.154           | 30.78          | 10.11       | 55.78        | 25.00           | AV       | L    | Pass    |
| 2   | 0.164           | 53.73          | 10.09       | 65.26        | 11.53           | Peak     | L    | Pass    |
| 2** | 0.164           | 30.39          | 10.09       | 55.26        | 24.87           | AV       | L    | Pass    |
| 3   | 0.230           | 44.16          | 10.05       | 62.45        | 18.29           | Peak     | L    | Pass    |
| 3** | 0.230           | 25.02          | 10.05       | 52.45        | 27.43           | AV       | L    | Pass    |
| 4   | 0.312           | 42.90          | 10.05       | 59.92        | 17.02           | Peak     | L    | Pass    |
| 4** | 0.312           | 26.96          | 10.05       | 49.92        | 22.96           | AV       | L    | Pass    |
| 5   | 1.546           | 39.13          | 10.49       | 56.00        | 16.87           | Peak     | L    | Pass    |
| 5** | 1.546           | 26.72          | 10.49       | 46.00        | 19.28           | AV       | L    | Pass    |
| 6   | 16.166          | 42.90          | 12.91       | 60.00        | 17.10           | Peak     | L    | Pass    |
| 6** | 16.166          | 36.15          | 12.91       | 50.00        | 13.85           | AV       | L    | Pass    |

## PHASE N



| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Over Limit (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-----------------|----------|------|---------|
| 1   | 0.152           | 56.87          | 10.11       | 65.89        | 9.02            | Peak     | N    | Pass    |
| 1** | 0.152           | 29.16          | 10.11       | 55.89        | 26.73           | AV       | N    | Pass    |
| 2   | 0.160           | 56.29          | 10.10       | 65.46        | 9.17            | Peak     | N    | Pass    |
| 2** | 0.160           | 31.18          | 10.10       | 55.46        | 24.28           | AV       | N    | Pass    |
| 3   | 0.250           | 45.33          | 10.05       | 61.76        | 16.43           | Peak     | N    | Pass    |
| 3** | 0.250           | 28.44          | 10.05       | 51.76        | 23.32           | AV       | N    | Pass    |
| 4   | 0.710           | 40.84          | 10.61       | 56.00        | 15.16           | Peak     | N    | Pass    |
| 4** | 0.710           | 23.52          | 10.61       | 46.00        | 22.48           | AV       | N    | Pass    |
| 5   | 6.174           | 42.92          | 10.90       | 60.00        | 17.08           | Peak     | N    | Pass    |
| 5** | 6.174           | 34.15          | 10.90       | 50.00        | 15.85           | AV       | N    | Pass    |
| 6   | 16.226          | 42.29          | 12.72       | 60.00        | 17.71           | Peak     | N    | Pass    |
| 6** | 16.226          | 35.11          | 12.72       | 50.00        | 14.89           | AV       | N    | Pass    |

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

Note<sup>1</sup>: The symbol of “--” in the table which means not application.

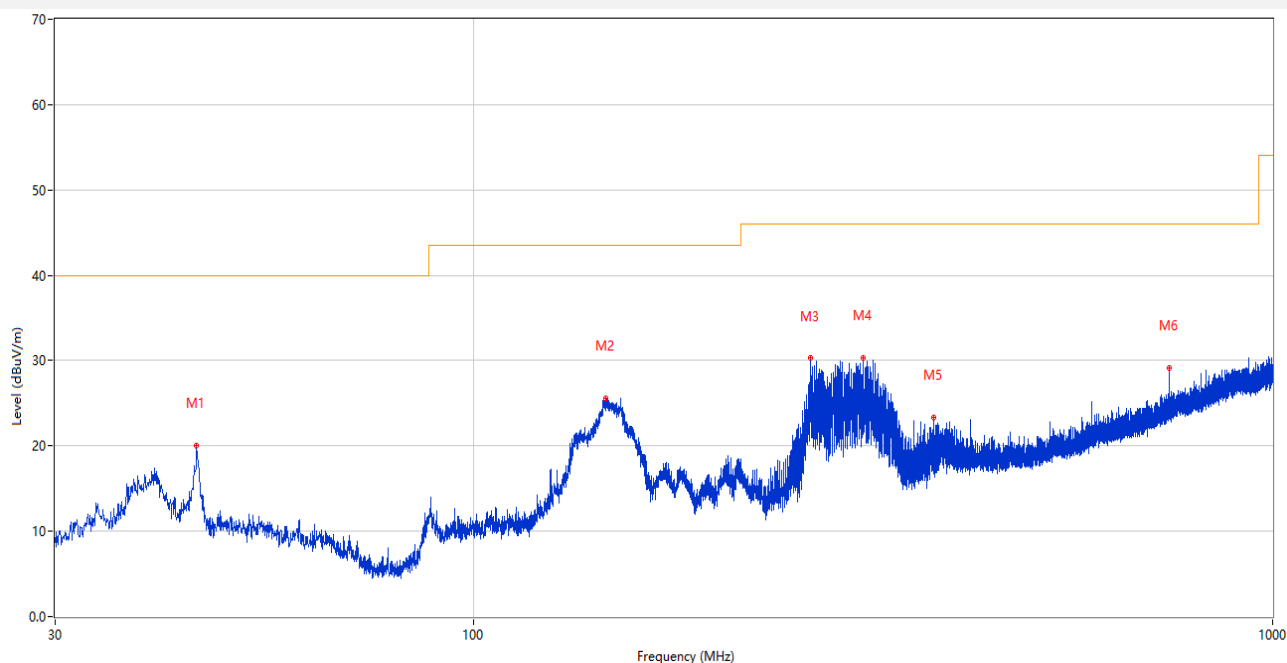
Note<sup>2</sup>: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note<sup>3</sup>: 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<sup>4</sup>: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

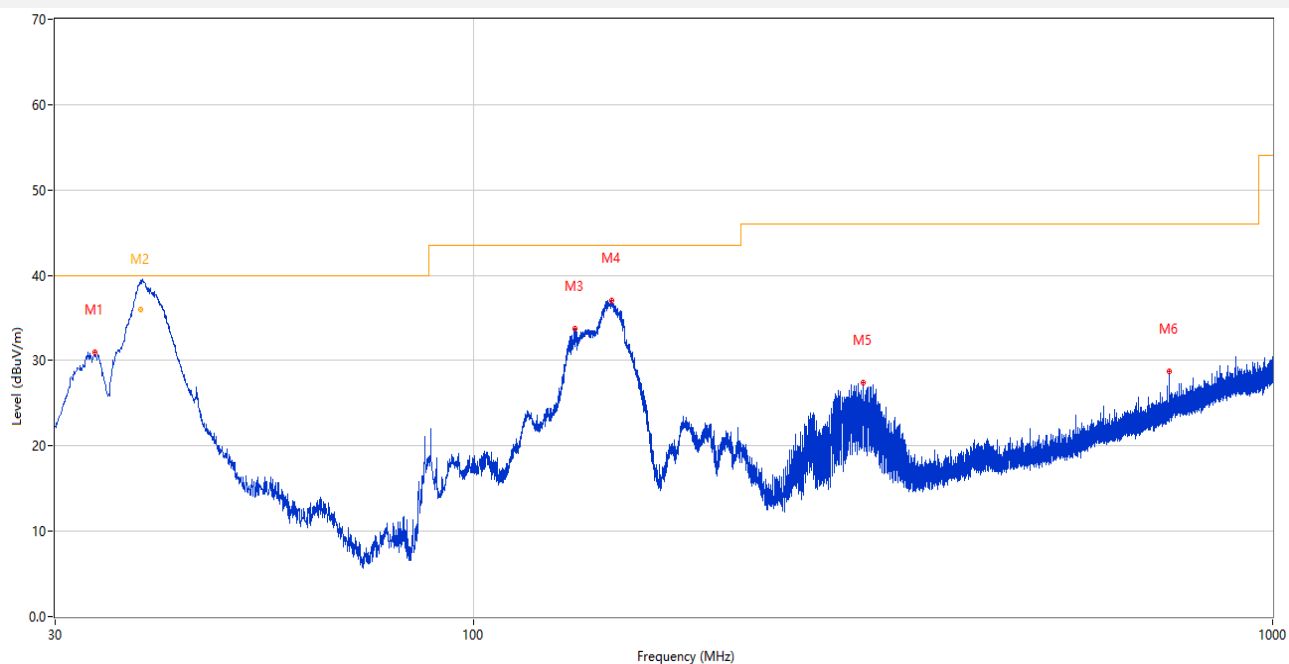
### Test Data and Plots

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   | 45.035          | 20.04            | -25.54      | 40.0           | 19.96       | Peak     | 342.00         | 100         | Horizontal | Pass    |
| 2   | 146.352         | 25.61            | -30.23      | 43.5           | 17.89       | Peak     | 243.00         | 200         | Horizontal | Pass    |
| 3   | 264.110         | 30.26            | -24.51      | 46.0           | 15.74       | Peak     | 241.00         | 100         | Horizontal | Pass    |
| 4   | 307.711         | 30.31            | -23.50      | 46.0           | 15.69       | Peak     | 51.00          | 100         | Horizontal | Pass    |
| 5   | 376.726         | 23.29            | -21.65      | 46.0           | 22.71       | Peak     | 77.00          | 100         | Horizontal | Pass    |
| 6   | 742.513         | 29.12            | -13.04      | 46.0           | 16.88       | Peak     | 29.00          | 200         | 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   | 33.638          | 30.95            | -28.84      | 40.0           | 9.05        | Peak     | 199.00         | 100         | Vertical | Pass    |
| 2   | 38.382*         | 38.23            | -27.06      | 40.0           | 1.77        | Peak     | 199.00         | 101         | Vertical | N/A     |
| 2*  | 38.382          | 36.03            | -27.06      | 40.0           | 3.97        | QP       | 199.00         | 101         | Vertical | Pass    |
| 3   | 134.081         | 33.71            | -29.99      | 43.5           | 9.79        | Peak     | 307.00         | 100         | Vertical | Pass    |
| 4   | 148.922         | 37.06            | -30.05      | 43.5           | 6.44        | Peak     | 253.00         | 100         | Vertical | Pass    |
| 5   | 307.614         | 27.39            | -23.50      | 46.0           | 18.61       | Peak     | 293.00         | 200         | Vertical | Pass    |
| 6   | 742.562         | 28.80            | -13.04      | 46.0           | 17.20       | Peak     | 224.00         | 200         | 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   | 1446.900        | 39.58            | -16.96      | 74.0           | 34.42       | Peak     | 341.00         | 200         | Horizontal | Pass    |
| 1** | 1446.900        | 28.98            | -16.96      | 54.0           | 25.02       | AV       | 341.00         | 200         | Horizontal | Pass    |
| 2   | 4394.750        | 47.00            | -4.64       | 74.0           | 27.00       | Peak     | 283.00         | 100         | Horizontal | Pass    |
| 2** | 4394.750        | 38.31            | -4.64       | 54.0           | 15.69       | AV       | 283.00         | 100         | Horizontal | Pass    |
| 3   | 5182.500        | 103.57           | -2.34       | --             | --          | Peak     | 173.00         | 100         | Horizontal | N/A     |
| 3** | 5182.500        | 95.99            | -2.34       | --             | --          | AV       | 173.00         | 100         | Horizontal | N/A     |
| 4   | 7702.750        | 53.89            | 1.18        | 74.0           | 20.11       | Peak     | 222.00         | 400         | Horizontal | Pass    |
| 4** | 7702.750        | 44.27            | 1.18        | 54.0           | 9.73        | AV       | 222.00         | 400         | Horizontal | Pass    |
| 5   | 11785.750       | 52.92            | -0.16       | 74.0           | 21.08       | Peak     | 286.00         | 100         | Horizontal | Pass    |
| 5** | 11785.750       | 43.70            | -0.16       | 54.0           | 10.30       | AV       | 286.00         | 100         | Horizontal | Pass    |
| 6   | 15895.012       | 54.78            | 1.99        | 74.0           | 19.22       | Peak     | 115.00         | 300         | Horizontal | Pass    |
| 6** | 15895.012       | 45.81            | 1.99        | 54.0           | 8.19        | AV       | 115.00         | 300         | 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   | 1452.800        | 38.85            | -16.95      | 74.0           | 35.15       | Peak     | 5.00           | 400         | Vertical | Pass    |
| 1** | 1452.800        | 28.86            | -16.95      | 54.0           | 25.14       | AV       | 5.00           | 400         | Vertical | Pass    |
| 2   | 4239.000        | 47.24            | -4.82       | 74.0           | 26.76       | Peak     | 83.00          | 200         | Vertical | Pass    |
| 2** | 4239.000        | 38.53            | -4.82       | 54.0           | 15.47       | AV       | 83.00          | 200         | Vertical | Pass    |
| 3   | 5183.000        | 90.02            | -2.50       | --             | --          | Peak     | 183.00         | 200         | Vertical | N/A     |
| 3** | 5183.000        | 82.87            | -2.50       | --             | --          | AV       | 183.00         | 200         | Vertical | N/A     |
| 4   | 7426.000        | 54.12            | 1.40        | 74.0           | 19.88       | Peak     | 144.00         | 400         | Vertical | Pass    |
| 4** | 7426.000        | 44.19            | 1.40        | 54.0           | 9.81        | AV       | 144.00         | 400         | Vertical | Pass    |
| 5   | 11609.287       | 52.45            | -0.75       | 74.0           | 21.55       | Peak     | 134.00         | 150         | Vertical | Pass    |
| 5** | 11609.287       | 42.13            | -0.75       | 54.0           | 11.87       | AV       | 134.00         | 150         | Vertical | Pass    |
| 6   | 16144.125       | 54.51            | 2.10        | 74.0           | 19.49       | Peak     | 125.00         | 100         | Vertical | Pass    |
| 6** | 16144.125       | 45.30            | 2.10        | 54.0           | 8.70        | AV       | 125.00         | 100         | 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   | 1513.700        | 39.15            | -16.82      | 74.0           | 34.85       | Peak     | 106.00         | 100         | Horizontal | Pass    |
| 1** | 1513.700        | 29.48            | -16.82      | 54.0           | 24.52       | AV       | 106.00         | 100         | Horizontal | Pass    |
| 2   | 4181.250        | 47.24            | -5.54       | 74.0           | 26.76       | Peak     | 305.00         | 200         | Horizontal | Pass    |
| 2** | 4181.250        | 36.87            | -5.54       | 54.0           | 17.13       | AV       | 305.00         | 200         | Horizontal | Pass    |
| 3   | 5222.000        | 107.78           | -2.99       | --             | --          | Peak     | 142.00         | 100         | Horizontal | N/A     |
| 3** | 5222.000        | 99.68            | -2.99       | --             | --          | AV       | 142.00         | 100         | Horizontal | N/A     |
| 4   | 7713.750        | 53.52            | 1.83        | 74.0           | 20.48       | Peak     | 305.00         | 300         | Horizontal | Pass    |
| 4** | 7713.750        | 44.79            | 1.83        | 54.0           | 9.21        | AV       | 305.00         | 300         | Horizontal | Pass    |
| 5   | 12226.550       | 52.61            | 0.78        | 74.0           | 21.39       | Peak     | 301.00         | 150         | Horizontal | Pass    |
| 5** | 12226.550       | 44.54            | 0.78        | 54.0           | 9.46        | AV       | 301.00         | 150         | Horizontal | Pass    |
| 6   | 16168.013       | 54.58            | 2.03        | 74.0           | 19.42       | Peak     | 8.00           | 200         | Horizontal | Pass    |
| 6** | 16168.013       | 45.83            | 2.03        | 54.0           | 8.17        | AV       | 8.00           | 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   | 1572.800        | 38.42            | -16.97      | 74.0           | 35.58       | Peak     | 360.00         | 400         | Vertical | Pass    |
| 1** | 1572.800        | 29.17            | -16.97      | 54.0           | 24.83       | AV       | 360.00         | 400         | Vertical | Pass    |
| 2   | 4328.500        | 47.50            | -5.30       | 74.0           | 26.50       | Peak     | 242.00         | 200         | Vertical | Pass    |
| 2** | 4328.500        | 37.09            | -5.30       | 54.0           | 16.91       | AV       | 242.00         | 200         | Vertical | Pass    |
| 3   | 5225.500        | 96.56            | -3.34       | --             | --          | Peak     | 58.00          | 200         | Vertical | N/A     |
| 3** | 5225.500        | 87.85            | -3.34       | --             | --          | AV       | 58.00          | 200         | Vertical | N/A     |
| 4   | 7323.750        | 53.36            | 0.09        | 74.0           | 20.64       | Peak     | 360.00         | 300         | Vertical | Pass    |
| 4** | 7323.750        | 42.56            | 0.09        | 54.0           | 11.44       | AV       | 360.00         | 300         | Vertical | Pass    |
| 5   | 11531.388       | 52.10            | -1.00       | 74.0           | 21.90       | Peak     | 196.00         | 100         | Vertical | Pass    |
| 5** | 11531.388       | 43.05            | -1.00       | 54.0           | 10.95       | AV       | 196.00         | 100         | Vertical | Pass    |
| 6   | 16130.737       | 54.55            | 2.00        | 74.0           | 19.45       | Peak     | 329.00         | 200         | Vertical | Pass    |
| 6** | 16130.737       | 46.37            | 2.00        | 54.0           | 7.63        | AV       | 329.00         | 200         | 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   | 1613.900        | 38.30            | -16.70      | 74.0           | 35.70       | Peak     | 278.00         | 300         | Horizontal | Pass    |
| 1** | 1613.900        | 29.08            | -16.70      | 54.0           | 24.92       | AV       | 278.00         | 300         | Horizontal | Pass    |
| 2   | 4263.500        | 46.70            | -4.55       | 74.0           | 27.30       | Peak     | 203.00         | 100         | Horizontal | Pass    |
| 2** | 4263.500        | 39.10            | -4.55       | 54.0           | 14.90       | AV       | 203.00         | 100         | Horizontal | Pass    |
| 3   | 5234.250        | 108.32           | -2.83       | --             | --          | Peak     | 144.00         | 150         | Horizontal | N/A     |
| 3** | 5234.250        | 100.62           | -2.83       | --             | --          | AV       | 144.00         | 150         | Horizontal | N/A     |
| 4   | 7709.750        | 53.37            | 1.76        | 74.0           | 20.63       | Peak     | 1.00           | 100         | Horizontal | Pass    |
| 4** | 7709.750        | 44.73            | 1.76        | 54.0           | 9.27        | AV       | 1.00           | 100         | Horizontal | Pass    |
| 5   | 11703.812       | 53.18            | -0.49       | 74.0           | 20.82       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 5** | 11703.812       | 43.23            | -0.49       | 54.0           | 10.77       | AV       | 360.00         | 200         | Horizontal | Pass    |
| 6   | 15893.701       | 54.64            | 1.98        | 74.0           | 19.36       | Peak     | 215.00         | 100         | Horizontal | Pass    |
| 6** | 15893.701       | 45.57            | 1.98        | 54.0           | 8.43        | AV       | 215.00         | 100         | 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   | 1602.900        | 38.70            | -16.85      | 74.0           | 35.30       | Peak     | 79.00          | 300         | Vertical | Pass    |
| 1** | 1602.900        | 29.36            | -16.85      | 54.0           | 24.64       | AV       | 79.00          | 300         | Vertical | Pass    |
| 2   | 4295.750        | 47.03            | -5.09       | 74.0           | 26.97       | Peak     | 360.00         | 200         | Vertical | Pass    |
| 2** | 4295.750        | 36.63            | -5.09       | 54.0           | 17.37       | AV       | 360.00         | 200         | Vertical | Pass    |
| 3   | 5245.250        | 96.35            | -3.08       | --             | --          | Peak     | 44.00          | 200         | Vertical | N/A     |
| 3** | 5245.250        | 88.90            | -3.08       | --             | --          | AV       | 44.00          | 200         | Vertical | N/A     |
| 4   | 7426.750        | 53.10            | 1.20        | 74.0           | 20.90       | Peak     | 285.00         | 200         | Vertical | Pass    |
| 4** | 7426.750        | 44.10            | 1.20        | 54.0           | 9.90        | AV       | 285.00         | 200         | Vertical | Pass    |
| 5   | 12472.125       | 53.11            | 1.22        | 74.0           | 20.89       | Peak     | 84.00          | 200         | Vertical | Pass    |
| 5** | 12472.125       | 42.86            | 1.22        | 54.0           | 11.14       | AV       | 84.00          | 200         | Vertical | Pass    |
| 6   | 16100.550       | 55.04            | 1.76        | 74.0           | 18.96       | Peak     | 256.00         | 100         | Vertical | Pass    |
| 6** | 16100.550       | 45.68            | 1.76        | 54.0           | 8.32        | AV       | 256.00         | 100         | 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   | 1437.800        | 38.21            | -17.18      | 74.0           | 35.79       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 1** | 1437.800        | 28.55            | -17.18      | 54.0           | 25.45       | AV       | 0.00           | 100         | Horizontal | Pass    |
| 2   | 4304.000        | 46.78            | -5.11       | 74.0           | 27.22       | Peak     | 22.00          | 200         | Horizontal | Pass    |
| 2** | 4304.000        | 37.38            | -5.11       | 54.0           | 16.62       | AV       | 22.00          | 200         | Horizontal | Pass    |
| 3   | 5183.250        | 100.09           | -2.28       | --             | --          | Peak     | 143.00         | 100         | Horizontal | N/A     |
| 3** | 5183.250        | 92.25            | -2.28       | --             | --          | AV       | 143.00         | 100         | Horizontal | N/A     |
| 4   | 7594.250        | 53.64            | 0.93        | 74.0           | 20.36       | Peak     | 2.00           | 100         | Horizontal | Pass    |
| 4** | 7594.250        | 44.39            | 0.93        | 54.0           | 9.61        | AV       | 2.00           | 100         | Horizontal | Pass    |
| 5   | 12472.838       | 52.79            | 1.22        | 74.0           | 21.21       | Peak     | 55.00          | 200         | Horizontal | Pass    |
| 5** | 12472.838       | 42.30            | 1.22        | 54.0           | 11.70       | AV       | 55.00          | 200         | Horizontal | Pass    |
| 6   | 16110.262       | 54.47            | 1.83        | 74.0           | 19.53       | Peak     | 114.00         | 100         | Horizontal | Pass    |
| 6** | 16110.262       | 45.55            | 1.83        | 54.0           | 8.45        | AV       | 114.00         | 100         | 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   | 1624.600        | 38.72            | -16.96      | 74.0           | 35.28       | Peak     | 313.00         | 200         | Vertical | Pass    |
| 1** | 1624.600        | 29.37            | -16.96      | 54.0           | 24.63       | AV       | 313.00         | 200         | Vertical | Pass    |
| 2   | 4240.500        | 47.31            | -5.03       | 74.0           | 26.69       | Peak     | 222.00         | 100         | Vertical | Pass    |
| 2** | 4240.500        | 37.40            | -5.03       | 54.0           | 16.60       | AV       | 222.00         | 100         | Vertical | Pass    |
| 3   | 5185.000        | 87.41            | -2.34       | --             | --          | Peak     | 181.00         | 100         | Vertical | N/A     |
| 3** | 5185.000        | 79.14            | -2.34       | --             | --          | AV       | 181.00         | 100         | Vertical | N/A     |
| 4   | 7490.750        | 53.59            | 1.51        | 74.0           | 20.41       | Peak     | 161.00         | 200         | Vertical | Pass    |
| 4** | 7490.750        | 44.58            | 1.51        | 54.0           | 9.42        | AV       | 161.00         | 200         | Vertical | Pass    |
| 5   | 11758.675       | 52.99            | -0.19       | 74.0           | 21.01       | Peak     | 109.00         | 100         | Vertical | Pass    |
| 5** | 11758.675       | 43.47            | -0.19       | 54.0           | 10.53       | AV       | 109.00         | 100         | Vertical | Pass    |
| 6   | 15901.838       | 54.66            | 2.00        | 74.0           | 19.34       | Peak     | 337.00         | 200         | Vertical | Pass    |
| 6** | 15901.838       | 45.71            | 2.00        | 54.0           | 8.29        | AV       | 337.00         | 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   | 1552.100        | 38.58            | -17.26      | 74.0           | 35.42       | Peak     | 96.00          | 100         | Horizontal | Pass    |
| 1** | 1552.100        | 28.51            | -17.26      | 54.0           | 25.49       | AV       | 96.00          | 100         | Horizontal | Pass    |
| 2   | 4319.000        | 46.90            | -4.99       | 74.0           | 27.10       | Peak     | 341.00         | 200         | Horizontal | Pass    |
| 2** | 4319.000        | 37.93            | -4.99       | 54.0           | 16.07       | AV       | 341.00         | 200         | Horizontal | Pass    |
| 3   | 5222.250        | 108.10           | -2.99       | --             | --          | Peak     | 156.00         | 150         | Horizontal | N/A     |
| 3** | 5222.250        | 100.12           | -2.99       | --             | --          | AV       | 156.00         | 150         | Horizontal | N/A     |
| 4   | 7721.000        | 53.41            | 0.98        | 74.0           | 20.59       | Peak     | 63.00          | 400         | Horizontal | Pass    |
| 4** | 7721.000        | 44.30            | 0.98        | 54.0           | 9.70        | AV       | 63.00          | 400         | Horizontal | Pass    |
| 5   | 11796.912       | 52.78            | -0.15       | 74.0           | 21.22       | Peak     | 23.00          | 150         | Horizontal | Pass    |
| 5** | 11796.912       | 44.34            | -0.15       | 54.0           | 9.66        | AV       | 23.00          | 150         | Horizontal | Pass    |
| 6   | 16080.862       | 55.14            | 1.50        | 74.0           | 18.86       | Peak     | 131.00         | 200         | Horizontal | Pass    |
| 6** | 16080.862       | 45.57            | 1.50        | 54.0           | 8.43        | AV       | 131.00         | 200         | 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   | 1593.900        | 38.08            | -16.88      | 74.0           | 35.92       | Peak     | 313.00         | 200         | Vertical | Pass    |
| 1** | 1593.900        | 28.97            | -16.88      | 54.0           | 25.03       | AV       | 313.00         | 200         | Vertical | Pass    |
| 2   | 4254.750        | 47.11            | -4.18       | 74.0           | 26.89       | Peak     | 216.00         | 400         | Vertical | Pass    |
| 2** | 4254.750        | 37.56            | -4.18       | 54.0           | 16.44       | AV       | 216.00         | 400         | Vertical | Pass    |
| 3   | 5217.000        | 95.50            | -2.95       | --             | --          | Peak     | 265.00         | 200         | Vertical | N/A     |
| 3** | 5217.000        | 86.74            | -2.95       | --             | --          | AV       | 265.00         | 200         | Vertical | N/A     |
| 4   | 7715.000        | 53.29            | 1.54        | 74.0           | 20.71       | Peak     | 0.00           | 400         | Vertical | Pass    |
| 4** | 7715.000        | 44.65            | 1.54        | 54.0           | 9.35        | AV       | 0.00           | 400         | Vertical | Pass    |
| 5   | 11754.875       | 52.69            | -0.19       | 74.0           | 21.31       | Peak     | 360.00         | 150         | Vertical | Pass    |
| 5** | 11754.875       | 43.54            | -0.19       | 54.0           | 10.46       | AV       | 360.00         | 150         | Vertical | Pass    |
| 6   | 15937.537       | 54.37            | 1.37        | 74.0           | 19.63       | Peak     | 339.00         | 400         | Vertical | Pass    |
| 6** | 15937.537       | 44.67            | 1.37        | 54.0           | 9.33        | AV       | 339.00         | 400         | 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   | 1450.800        | 38.13            | -16.91      | 74.0           | 35.87       | Peak     | 33.00          | 300         | Horizontal | Pass    |
| 1** | 1450.800        | 28.52            | -16.91      | 54.0           | 25.48       | AV       | 33.00          | 300         | Horizontal | Pass    |
| 2   | 4025.000        | 46.83            | -5.88       | 74.0           | 27.17       | Peak     | 142.00         | 300         | Horizontal | Pass    |
| 2** | 4025.000        | 37.26            | -5.88       | 54.0           | 16.74       | AV       | 142.00         | 300         | Horizontal | Pass    |
| 3   | 5233.000        | 108.91           | -2.98       | --             | --          | Peak     | 142.00         | 100         | Horizontal | N/A     |
| 3** | 5233.000        | 100.23           | -2.98       | --             | --          | AV       | 142.00         | 100         | Horizontal | N/A     |
| 4   | 7488.000        | 53.17            | 1.53        | 74.0           | 20.83       | Peak     | 42.00          | 100         | Horizontal | Pass    |
| 4** | 7488.000        | 43.78            | 1.53        | 54.0           | 10.22       | AV       | 42.00          | 100         | Horizontal | Pass    |
| 5   | 11766.988       | 53.31            | -0.18       | 74.0           | 20.69       | Peak     | 187.00         | 150         | Horizontal | Pass    |
| 5** | 11766.988       | 44.80            | -0.18       | 54.0           | 9.20        | AV       | 187.00         | 150         | Horizontal | Pass    |
| 6   | 16090.838       | 54.76            | 1.63        | 74.0           | 19.24       | Peak     | 57.00          | 300         | Horizontal | Pass    |
| 6** | 16090.838       | 45.15            | 1.63        | 54.0           | 8.85        | AV       | 57.00          | 300         | 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   | 1572.700        | 38.15            | -16.96      | 74.0           | 35.85       | Peak     | 213.00         | 400         | Vertical | Pass    |
| 1** | 1572.700        | 28.72            | -16.96      | 54.0           | 25.28       | AV       | 213.00         | 400         | Vertical | Pass    |
| 2   | 4151.500        | 47.52            | -5.79       | 74.0           | 26.48       | Peak     | 0.00           | 300         | Vertical | Pass    |
| 2** | 4151.500        | 38.10            | -5.79       | 54.0           | 15.90       | AV       | 0.00           | 300         | Vertical | Pass    |
| 3   | 5235.250        | 96.30            | -2.86       | --             | --          | Peak     | 60.00          | 150         | Vertical | N/A     |
| 3** | 5235.250        | 89.11            | -2.86       | --             | --          | AV       | 60.00          | 150         | Vertical | N/A     |
| 4   | 7709.250        | 53.79            | 1.90        | 74.0           | 20.21       | Peak     | 283.00         | 200         | Vertical | Pass    |
| 4** | 7709.250        | 45.04            | 1.90        | 54.0           | 8.96        | AV       | 283.00         | 200         | Vertical | Pass    |
| 5   | 12543.612       | 52.73            | 1.19        | 74.0           | 21.27       | Peak     | 71.00          | 150         | Vertical | Pass    |
| 5** | 12543.612       | 43.55            | 1.19        | 54.0           | 10.45       | AV       | 71.00          | 150         | Vertical | Pass    |
| 6   | 16087.950       | 54.32            | 1.59        | 74.0           | 19.68       | Peak     | 269.00         | 200         | Vertical | Pass    |
| 6** | 16087.950       | 46.39            | 1.59        | 54.0           | 7.61        | AV       | 269.00         | 200         | 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   | 1503.700        | 38.77            | -17.09      | 74.0           | 35.23       | Peak     | 234.00         | 200         | Horizontal | Pass    |
| 1** | 1503.700        | 28.63            | -17.09      | 54.0           | 25.37       | AV       | 234.00         | 200         | Horizontal | Pass    |
| 2   | 4254.000        | 46.83            | -4.29       | 74.0           | 27.17       | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 2** | 4254.000        | 37.62            | -4.29       | 54.0           | 16.38       | AV       | 0.00           | 400         | Horizontal | Pass    |
| 3   | 5175.250        | 99.29            | -2.80       | --             | --          | Peak     | 144.00         | 150         | Horizontal | N/A     |
| 3** | 5175.250        | 90.16            | -2.80       | --             | --          | AV       | 144.00         | 150         | Horizontal | N/A     |
| 4   | 7410.750        | 53.85            | 0.86        | 74.0           | 20.15       | Peak     | 344.00         | 300         | Horizontal | Pass    |
| 4** | 7410.750        | 44.86            | 0.86        | 54.0           | 9.14        | AV       | 344.00         | 300         | Horizontal | Pass    |
| 5   | 11744.187       | 52.75            | -0.23       | 74.0           | 21.25       | Peak     | 64.00          | 100         | Horizontal | Pass    |
| 5** | 11744.187       | 42.88            | -0.23       | 54.0           | 11.12       | AV       | 64.00          | 100         | Horizontal | Pass    |
| 6   | 16102.388       | 54.73            | 1.77        | 74.0           | 19.27       | Peak     | 118.00         | 400         | Horizontal | Pass    |
| 6** | 16102.388       | 46.64            | 1.77        | 54.0           | 7.36        | AV       | 118.00         | 400         | 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   | 1474.700        | 38.38            | -17.16      | 74.0           | 35.62       | Peak     | 234.00         | 400         | Vertical | Pass    |
| 1** | 1474.700        | 29.51            | -17.16      | 54.0           | 24.49       | AV       | 234.00         | 400         | Vertical | Pass    |
| 2   | 4309.250        | 47.81            | -4.93       | 74.0           | 26.19       | Peak     | 42.00          | 200         | Vertical | Pass    |
| 2** | 4309.250        | 37.34            | -4.93       | 54.0           | 16.66       | AV       | 42.00          | 200         | Vertical | Pass    |
| 3   | 5184.250        | 87.11            | -2.43       | --             | --          | Peak     | 203.00         | 200         | Vertical | N/A     |
| 3** | 5184.250        | 79.42            | -2.43       | --             | --          | AV       | 203.00         | 200         | Vertical | N/A     |
| 4   | 7686.000        | 53.59            | 1.48        | 74.0           | 20.41       | Peak     | 0.00           | 400         | Vertical | Pass    |
| 4** | 7686.000        | 44.59            | 1.48        | 54.0           | 9.41        | AV       | 0.00           | 400         | Vertical | Pass    |
| 5   | 12484.950       | 52.60            | 1.32        | 74.0           | 21.40       | Peak     | 230.00         | 150         | Vertical | Pass    |
| 5** | 12484.950       | 42.68            | 1.32        | 54.0           | 11.32       | AV       | 230.00         | 150         | Vertical | Pass    |
| 6   | 15901.838       | 54.29            | 2.00        | 74.0           | 19.71       | Peak     | 89.00          | 100         | Vertical | Pass    |
| 6** | 15901.838       | 45.39            | 2.00        | 54.0           | 8.61        | AV       | 89.00          | 100         | 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   | 1487.800        | 38.62            | -16.95      | 74.0           | 35.38       | Peak     | 151.00         | 200         | Horizontal | Pass    |
| 1** | 1487.800        | 28.91            | -16.95      | 54.0           | 25.09       | AV       | 151.00         | 200         | Horizontal | Pass    |
| 2   | 4285.750        | 47.29            | -4.37       | 74.0           | 26.71       | Peak     | 5.00           | 300         | Horizontal | Pass    |
| 2** | 4285.750        | 38.47            | -4.37       | 54.0           | 15.53       | AV       | 5.00           | 300         | Horizontal | Pass    |
| 3   | 5223.750        | 106.21           | -3.11       | --             | --          | Peak     | 146.00         | 150         | Horizontal | N/A     |
| 3** | 5223.750        | 98.67            | -3.11       | --             | --          | AV       | 146.00         | 150         | Horizontal | N/A     |
| 4   | 7723.500        | 53.73            | 0.89        | 74.0           | 20.27       | Peak     | 305.00         | 100         | Horizontal | Pass    |
| 4** | 7723.500        | 44.48            | 0.89        | 54.0           | 9.52        | AV       | 305.00         | 100         | Horizontal | Pass    |
| 5   | 12220.375       | 52.38            | 0.69        | 74.0           | 21.62       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 5** | 12220.375       | 42.99            | 0.69        | 54.0           | 11.01       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 6   | 16100.813       | 55.13            | 1.76        | 74.0           | 18.87       | Peak     | 44.00          | 100         | Horizontal | Pass    |
| 6** | 16100.813       | 45.46            | 1.76        | 54.0           | 8.54        | AV       | 44.00          | 100         | 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   | 1531.600        | 38.59            | -16.82      | 74.0           | 35.41       | Peak     | 320.00         | 200         | Vertical | Pass    |
| 1** | 1531.600        | 29.47            | -16.82      | 54.0           | 24.53       | AV       | 320.00         | 200         | Vertical | Pass    |
| 2   | 4127.250        | 47.77            | -5.31       | 74.0           | 26.23       | Peak     | 81.00          | 100         | Vertical | Pass    |
| 2** | 4127.250        | 37.24            | -5.31       | 54.0           | 16.76       | AV       | 81.00          | 100         | Vertical | Pass    |
| 3   | 5222.500        | 93.28            | -3.05       | --             | --          | Peak     | 62.00          | 200         | Vertical | N/A     |
| 3** | 5222.500        | 87.16            | -3.05       | --             | --          | AV       | 62.00          | 200         | Vertical | N/A     |
| 4   | 7687.000        | 53.29            | 1.20        | 74.0           | 20.71       | Peak     | 142.00         | 300         | Vertical | Pass    |
| 4** | 7687.000        | 44.51            | 1.20        | 54.0           | 9.49        | AV       | 142.00         | 300         | Vertical | Pass    |
| 5   | 12227.262       | 53.29            | 0.79        | 74.0           | 20.71       | Peak     | 62.00          | 150         | Vertical | Pass    |
| 5** | 12227.262       | 42.86            | 0.79        | 54.0           | 11.14       | AV       | 62.00          | 150         | Vertical | Pass    |
| 6   | 16120.237       | 54.64            | 1.91        | 74.0           | 19.36       | Peak     | 200.00         | 400         | Vertical | Pass    |
| 6** | 16120.237       | 45.04            | 1.91        | 54.0           | 8.96        | AV       | 200.00         | 400         | 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   | 1596.100        | 38.41            | -17.25      | 74.0           | 35.59       | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 1** | 1596.100        | 28.36            | -17.25      | 54.0           | 25.64       | AV       | 360.00         | 300         | Horizontal | Pass    |
| 2   | 4309.000        | 46.97            | -5.14       | 74.0           | 27.03       | Peak     | 23.00          | 200         | Horizontal | Pass    |
| 2** | 4309.000        | 38.27            | -5.14       | 54.0           | 15.73       | AV       | 23.00          | 200         | Horizontal | Pass    |
| 3   | 5185.000        | 103.42           | -2.34       | --             | --          | Peak     | 163.00         | 100         | Horizontal | N/A     |
| 3** | 5185.000        | 94.97            | -2.34       | --             | --          | AV       | 163.00         | 100         | Horizontal | N/A     |
| 4   | 7711.000        | 53.11            | 1.81        | 74.0           | 20.89       | Peak     | 324.00         | 200         | Horizontal | Pass    |
| 4** | 7711.000        | 44.76            | 1.81        | 54.0           | 9.24        | AV       | 324.00         | 200         | Horizontal | Pass    |
| 5   | 12520.100       | 52.75            | 1.32        | 74.0           | 21.25       | Peak     | 215.00         | 150         | Horizontal | Pass    |
| 5** | 12520.100       | 44.48            | 1.32        | 54.0           | 9.52        | AV       | 215.00         | 150         | Horizontal | Pass    |
| 6   | 16062.750       | 54.96            | 1.26        | 74.0           | 19.04       | Peak     | 325.00         | 300         | Horizontal | Pass    |
| 6** | 16062.750       | 45.44            | 1.26        | 54.0           | 8.56        | AV       | 325.00         | 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   | 1612.900        | 38.30            | -16.63      | 74.0           | 35.70       | Peak     | 286.00         | 400         | Vertical | Pass    |
| 1** | 1612.900        | 29.06            | -16.63      | 54.0           | 24.94       | AV       | 286.00         | 400         | Vertical | Pass    |
| 2   | 4294.000        | 47.36            | -4.73       | 74.0           | 26.64       | Peak     | 61.00          | 200         | Vertical | Pass    |
| 2** | 4294.000        | 37.70            | -4.73       | 54.0           | 16.30       | AV       | 61.00          | 200         | Vertical | Pass    |
| 3   | 5185.000        | 90.42            | -2.34       | --             | --          | Peak     | 264.00         | 150         | Vertical | N/A     |
| 3** | 5185.000        | 82.81            | -2.34       | --             | --          | AV       | 264.00         | 150         | Vertical | N/A     |
| 4   | 7712.000        | 53.86            | 1.91        | 74.0           | 20.14       | Peak     | 163.00         | 100         | Vertical | Pass    |
| 4** | 7712.000        | 44.64            | 1.91        | 54.0           | 9.36        | AV       | 163.00         | 100         | Vertical | Pass    |
| 5   | 12559.762       | 52.29            | 0.98        | 74.0           | 21.71       | Peak     | 113.00         | 200         | Vertical | Pass    |
| 5** | 12559.762       | 42.51            | 0.98        | 54.0           | 11.49       | AV       | 113.00         | 200         | Vertical | Pass    |
| 6   | 15656.401       | 54.89            | 2.07        | 74.0           | 19.11       | Peak     | 322.00         | 100         | Vertical | Pass    |
| 6** | 15656.401       | 45.09            | 2.07        | 54.0           | 8.91        | AV       | 322.00         | 100         | 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   | 1493.100        | 38.26            | -17.23      | 74.0           | 35.74       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 1** | 1493.100        | 28.03            | -17.23      | 54.0           | 25.97       | AV       | 0.00           | 100         | Horizontal | Pass    |
| 2   | 4332.500        | 47.32            | -4.91       | 74.0           | 26.68       | Peak     | 26.00          | 100         | Horizontal | Pass    |
| 2** | 4332.500        | 37.31            | -4.91       | 54.0           | 16.69       | AV       | 26.00          | 100         | Horizontal | Pass    |
| 3   | 5224.000        | 107.86           | -3.20       | --             | --          | Peak     | 163.00         | 100         | Horizontal | N/A     |
| 3** | 5224.000        | 100.28           | -3.20       | --             | --          | AV       | 163.00         | 100         | Horizontal | N/A     |
| 4   | 7707.000        | 54.22            | 1.71        | 74.0           | 19.78       | Peak     | 119.00         | 300         | Horizontal | Pass    |
| 4** | 7707.000        | 44.53            | 1.71        | 54.0           | 9.47        | AV       | 119.00         | 300         | Horizontal | Pass    |
| 5   | 11796.912       | 53.24            | -0.15       | 74.0           | 20.76       | Peak     | 70.00          | 150         | Horizontal | Pass    |
| 5** | 11796.912       | 43.69            | -0.15       | 54.0           | 10.31       | AV       | 70.00          | 150         | Horizontal | Pass    |
| 6   | 15928.088       | 54.75            | 1.54        | 74.0           | 19.25       | Peak     | 278.00         | 400         | Horizontal | Pass    |
| 6** | 15928.088       | 45.16            | 1.54        | 54.0           | 8.84        | AV       | 278.00         | 400         | 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   | 1436.500        | 38.52            | -17.06      | 74.0           | 35.48       | Peak     | 43.00          | 100         | Vertical | Pass    |
| 1** | 1436.500        | 29.14            | -17.06      | 54.0           | 24.86       | AV       | 43.00          | 100         | Vertical | Pass    |
| 2   | 4280.750        | 47.18            | -4.71       | 74.0           | 26.82       | Peak     | 339.00         | 300         | Vertical | Pass    |
| 2** | 4280.750        | 37.49            | -4.71       | 54.0           | 16.51       | AV       | 339.00         | 300         | Vertical | Pass    |
| 3   | 5224.500        | 95.89            | -3.24       | --             | --          | Peak     | 46.00          | 200         | Vertical | N/A     |
| 3** | 5224.500        | 89.80            | -3.24       | --             | --          | AV       | 46.00          | 200         | Vertical | N/A     |
| 4   | 7423.250        | 53.42            | 1.41        | 74.0           | 20.58       | Peak     | 0.00           | 300         | Vertical | Pass    |
| 4** | 7423.250        | 44.36            | 1.41        | 54.0           | 9.64        | AV       | 0.00           | 300         | Vertical | Pass    |
| 5   | 12452.888       | 52.41            | 1.06        | 74.0           | 21.59       | Peak     | 299.00         | 200         | Vertical | Pass    |
| 5** | 12452.888       | 42.94            | 1.06        | 54.0           | 11.06       | AV       | 299.00         | 200         | Vertical | Pass    |
| 6   | 16089.525       | 55.07            | 1.61        | 74.0           | 18.93       | Peak     | 242.00         | 200         | Vertical | Pass    |
| 6** | 16089.525       | 45.11            | 1.61        | 54.0           | 8.89        | AV       | 242.00         | 200         | 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   | 1614.300        | 39.05            | -16.99      | 74.0           | 34.95       | Peak     | 261.00         | 200         | Horizontal | Pass    |
| 1** | 1614.300        | 29.40            | -16.99      | 54.0           | 24.60       | AV       | 261.00         | 200         | Horizontal | Pass    |
| 2   | 4257.000        | 47.14            | -4.04       | 74.0           | 26.86       | Peak     | 222.00         | 100         | Horizontal | Pass    |
| 2** | 4257.000        | 37.81            | -4.04       | 54.0           | 16.19       | AV       | 222.00         | 100         | Horizontal | Pass    |
| 3   | 5242.250        | 107.88           | -3.05       | --             | --          | Peak     | 183.00         | 150         | Horizontal | N/A     |
| 3** | 5242.250        | 99.68            | -3.05       | --             | --          | AV       | 183.00         | 150         | Horizontal | N/A     |
| 4   | 7611.500        | 53.75            | 0.07        | 74.0           | 20.25       | Peak     | 20.00          | 400         | Horizontal | Pass    |
| 4** | 7611.500        | 44.14            | 0.07        | 54.0           | 9.86        | AV       | 20.00          | 400         | Horizontal | Pass    |
| 5   | 12545.512       | 52.86            | 1.18        | 74.0           | 21.14       | Peak     | 12.00          | 200         | Horizontal | Pass    |
| 5** | 12545.512       | 41.91            | 1.18        | 54.0           | 12.09       | AV       | 12.00          | 200         | Horizontal | Pass    |
| 6   | 16072.200       | 54.46            | 1.38        | 74.0           | 19.54       | Peak     | 165.00         | 300         | Horizontal | Pass    |
| 6** | 16072.200       | 44.84            | 1.38        | 54.0           | 9.16        | AV       | 165.00         | 300         | 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   | 1531.100        | 38.57            | -16.67      | 74.0           | 35.43       | Peak     | 178.00         | 200         | Vertical | Pass    |
| 1** | 1531.100        | 29.49            | -16.67      | 54.0           | 24.51       | AV       | 178.00         | 200         | Vertical | Pass    |
| 2   | 4145.500        | 47.03            | -5.70       | 74.0           | 26.97       | Peak     | 324.00         | 100         | Vertical | Pass    |
| 2** | 4145.500        | 37.13            | -5.70       | 54.0           | 16.87       | AV       | 324.00         | 100         | Vertical | Pass    |
| 3   | 5244.500        | 97.53            | -3.18       | --             | --          | Peak     | 40.00          | 150         | Vertical | N/A     |
| 3** | 5244.500        | 88.62            | -3.18       | --             | --          | AV       | 40.00          | 150         | Vertical | N/A     |
| 4   | 7689.250        | 54.80            | 1.23        | 74.0           | 19.20       | Peak     | 203.00         | 200         | Vertical | Pass    |
| 4** | 7689.250        | 44.88            | 1.23        | 54.0           | 9.12        | AV       | 203.00         | 200         | Vertical | Pass    |
| 5   | 11750.600       | 53.14            | -0.20       | 74.0           | 20.86       | Peak     | 305.00         | 200         | Vertical | Pass    |
| 5** | 11750.600       | 44.74            | -0.20       | 54.0           | 9.26        | AV       | 305.00         | 200         | Vertical | Pass    |
| 6   | 15905.250       | 55.00            | 1.94        | 74.0           | 19.00       | Peak     | 286.00         | 400         | Vertical | Pass    |
| 6** | 15905.250       | 45.24            | 1.94        | 54.0           | 8.76        | AV       | 286.00         | 400         | 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   | 1443.900        | 38.45            | -16.91      | 74.0           | 35.55       | Peak     | 218.00         | 100         | Horizontal | Pass    |
| 1** | 1443.900        | 28.97            | -16.91      | 54.0           | 25.03       | AV       | 218.00         | 100         | Horizontal | Pass    |
| 2   | 4232.000        | 47.94            | -5.13       | 74.0           | 26.06       | Peak     | 266.00         | 400         | Horizontal | Pass    |
| 2** | 4232.000        | 36.95            | -5.13       | 54.0           | 17.05       | AV       | 266.00         | 400         | Horizontal | Pass    |
| 3   | 5205.500        | 98.44            | -2.35       | --             | --          | Peak     | 166.00         | 150         | Horizontal | N/A     |
| 3** | 5205.500        | 90.45            | -2.35       | --             | --          | AV       | 166.00         | 150         | Horizontal | N/A     |
| 4   | 7699.750        | 53.70            | 1.14        | 74.0           | 20.30       | Peak     | 166.00         | 300         | Horizontal | Pass    |
| 4** | 7699.750        | 45.01            | 1.14        | 54.0           | 8.99        | AV       | 166.00         | 300         | Horizontal | Pass    |
| 5   | 12431.037       | 52.67            | 1.06        | 74.0           | 21.33       | Peak     | 230.00         | 150         | Horizontal | Pass    |
| 5** | 12431.037       | 42.33            | 1.06        | 54.0           | 11.67       | AV       | 230.00         | 150         | Horizontal | Pass    |
| 6   | 16101.338       | 54.58            | 1.76        | 74.0           | 19.42       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 6** | 16101.338       | 45.08            | 1.76        | 54.0           | 8.92        | AV       | 360.00         | 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   | 1497.500        | 38.28            | -16.89      | 74.0           | 35.72       | Peak     | 191.00         | 300         | Vertical | Pass    |
| 1** | 1497.500        | 29.21            | -16.89      | 54.0           | 24.79       | AV       | 191.00         | 300         | Vertical | Pass    |
| 2   | 4293.000        | 47.90            | -4.85       | 74.0           | 26.10       | Peak     | 346.00         | 400         | Vertical | Pass    |
| 2** | 4293.000        | 37.57            | -4.85       | 54.0           | 16.43       | AV       | 346.00         | 400         | Vertical | Pass    |
| 3   | 5201.000        | 85.90            | -2.54       | --             | --          | Peak     | 186.00         | 200         | Vertical | N/A     |
| 3** | 5201.000        | 77.59            | -2.54       | --             | --          | AV       | 186.00         | 200         | Vertical | N/A     |
| 4   | 7700.750        | 53.81            | 0.97        | 74.0           | 20.19       | Peak     | 27.00          | 300         | Vertical | Pass    |
| 4** | 7700.750        | 45.73            | 0.97        | 54.0           | 8.27        | AV       | 27.00          | 300         | Vertical | Pass    |
| 5   | 11611.900       | 52.24            | -0.78       | 74.0           | 21.76       | Peak     | 142.00         | 200         | Vertical | Pass    |
| 5** | 11611.900       | 42.36            | -0.78       | 54.0           | 11.64       | AV       | 142.00         | 200         | Vertical | Pass    |
| 6   | 15933.338       | 54.56            | 1.45        | 74.0           | 19.44       | Peak     | 229.00         | 400         | Vertical | Pass    |
| 6** | 15933.338       | 45.51            | 1.45        | 54.0           | 8.49        | AV       | 229.00         | 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   | 1483.100        | 39.00            | -17.00      | 74.0           | 35.00       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 1** | 1483.100        | 29.07            | -17.00      | 54.0           | 24.93       | AV       | 0.00           | 100         | Horizontal | Pass    |
| 2   | 4395.000        | 46.97            | -4.84       | 74.0           | 27.03       | Peak     | 186.00         | 200         | Horizontal | Pass    |
| 2** | 4395.000        | 37.32            | -4.84       | 54.0           | 16.68       | AV       | 186.00         | 200         | Horizontal | Pass    |
| 3   | 5219.750        | 104.79           | -2.97       | --             | --          | Peak     | 147.00         | 100         | Horizontal | N/A     |
| 3** | 5219.750        | 96.53            | -2.97       | --             | --          | AV       | 147.00         | 100         | Horizontal | N/A     |
| 4   | 7748.750        | 53.34            | 0.33        | 74.0           | 20.66       | Peak     | 47.00          | 200         | Horizontal | Pass    |
| 4** | 7748.750        | 43.40            | 0.33        | 54.0           | 10.60       | AV       | 47.00          | 200         | Horizontal | Pass    |
| 5   | 12019.450       | 52.47            | 0.20        | 74.0           | 21.53       | Peak     | 298.00         | 150         | Horizontal | Pass    |
| 5** | 12019.450       | 42.46            | 0.20        | 54.0           | 11.54       | AV       | 298.00         | 150         | Horizontal | Pass    |
| 6   | 16141.763       | 54.69            | 2.09        | 74.0           | 19.31       | Peak     | 127.00         | 400         | Horizontal | Pass    |
| 6** | 16141.763       | 45.14            | 2.09        | 54.0           | 8.86        | AV       | 127.00         | 400         | 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   | 1605.000        | 38.26            | -16.61      | 74.0           | 35.74       | Peak     | 346.00         | 400         | Vertical | Pass    |
| 1** | 1605.000        | 29.19            | -16.61      | 54.0           | 24.81       | AV       | 346.00         | 400         | Vertical | Pass    |
| 2   | 4345.500        | 46.86            | -4.71       | 74.0           | 27.14       | Peak     | 0.00           | 200         | Vertical | Pass    |
| 2** | 4345.500        | 38.42            | -4.71       | 54.0           | 15.58       | AV       | 0.00           | 200         | Vertical | Pass    |
| 3   | 5227.750        | 92.90            | -3.16       | --             | --          | Peak     | 64.00          | 200         | Vertical | N/A     |
| 3** | 5227.750        | 85.78            | -3.16       | --             | --          | AV       | 64.00          | 200         | Vertical | N/A     |
| 4   | 7455.500        | 53.79            | 0.50        | 74.0           | 20.21       | Peak     | 326.00         | 100         | Vertical | Pass    |
| 4** | 7455.500        | 43.87            | 0.50        | 54.0           | 10.13       | AV       | 326.00         | 100         | Vertical | Pass    |
| 5   | 12535.537       | 52.70            | 1.23        | 74.0           | 21.30       | Peak     | 34.00          | 150         | Vertical | Pass    |
| 5** | 12535.537       | 42.54            | 1.23        | 54.0           | 11.46       | AV       | 34.00          | 150         | Vertical | Pass    |
| 6   | 15401.250       | 54.63            | 2.94        | 74.0           | 19.37       | Peak     | 310.00         | 400         | Vertical | Pass    |
| 6** | 15401.250       | 43.97            | 2.94        | 54.0           | 10.03       | AV       | 310.00         | 400         | 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   | 1504.600        | 38.86            | -16.97      | 74.0           | 35.14       | Peak     | 156.00         | 300         | Horizontal | Pass    |
| 1** | 1504.600        | 28.84            | -16.97      | 54.0           | 25.16       | AV       | 156.00         | 300         | Horizontal | Pass    |
| 2   | 4278.750        | 46.84            | -5.05       | 74.0           | 27.16       | Peak     | 127.00         | 100         | Horizontal | Pass    |
| 2** | 4278.750        | 37.27            | -5.05       | 54.0           | 16.73       | AV       | 127.00         | 100         | Horizontal | Pass    |
| 3   | 5227.500        | 94.27            | -3.23       | --             | --          | Peak     | 148.00         | 100         | Horizontal | N/A     |
| 3** | 5227.500        | 86.70            | -3.23       | --             | --          | AV       | 148.00         | 100         | Horizontal | N/A     |
| 4   | 7362.000        | 53.63            | 0.82        | 74.0           | 20.37       | Peak     | 66.00          | 400         | Horizontal | Pass    |
| 4** | 7362.000        | 43.67            | 0.82        | 54.0           | 10.33       | AV       | 66.00          | 400         | Horizontal | Pass    |
| 5   | 11595.513       | 52.52            | -0.67       | 74.0           | 21.48       | Peak     | 119.00         | 150         | Horizontal | Pass    |
| 5** | 11595.513       | 42.22            | -0.67       | 54.0           | 11.78       | AV       | 119.00         | 150         | Horizontal | Pass    |
| 6   | 15913.912       | 54.50            | 1.79        | 74.0           | 19.50       | Peak     | 30.00          | 400         | Horizontal | Pass    |
| 6** | 15913.912       | 45.06            | 1.79        | 54.0           | 8.94        | AV       | 30.00          | 400         | 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   | 1477.200        | 38.69            | -17.06      | 74.0           | 35.31       | Peak     | 193.00         | 200         | Vertical | Pass    |
| 1** | 1477.200        | 29.01            | -17.06      | 54.0           | 24.99       | AV       | 193.00         | 200         | Vertical | Pass    |
| 2   | 3603.500        | 47.52            | -6.32       | 74.0           | 26.48       | Peak     | 9.00           | 300         | Vertical | Pass    |
| 2** | 3603.500        | 36.68            | -6.32       | 54.0           | 17.32       | AV       | 9.00           | 300         | Vertical | Pass    |
| 3   | 5229.750        | 81.76            | -3.04       | --             | --          | Peak     | 48.00          | 100         | Vertical | N/A     |
| 3** | 5229.750        | 73.53            | -3.04       | --             | --          | AV       | 48.00          | 100         | Vertical | N/A     |
| 4   | 7426.250        | 53.48            | 1.29        | 74.0           | 20.52       | Peak     | 107.00         | 300         | Vertical | Pass    |
| 4** | 7426.250        | 44.11            | 1.29        | 54.0           | 9.89        | AV       | 107.00         | 300         | Vertical | Pass    |
| 5   | 12371.188       | 52.98            | 0.96        | 74.0           | 21.02       | Peak     | 248.00         | 100         | Vertical | Pass    |
| 5** | 12371.188       | 42.29            | 0.96        | 54.0           | 11.71       | AV       | 248.00         | 100         | Vertical | Pass    |
| 6   | 15909.450       | 54.61            | 1.86        | 74.0           | 19.39       | Peak     | 139.00         | 400         | Vertical | Pass    |
| 6** | 15909.450       | 45.60            | 1.86        | 54.0           | 8.40        | AV       | 139.00         | 400         | 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   | 1455.300        | 38.42            | -17.10      | 74.0           | 35.58       | Peak     | 75.00          | 100         | Horizontal | Pass    |
| 1** | 1455.300        | 28.71            | -17.10      | 54.0           | 25.29       | AV       | 75.00          | 100         | Horizontal | Pass    |
| 2   | 4166.750        | 47.49            | -5.42       | 74.0           | 26.51       | Peak     | 61.00          | 200         | Horizontal | Pass    |
| 2** | 4166.750        | 37.14            | -5.42       | 54.0           | 16.86       | AV       | 61.00          | 200         | Horizontal | Pass    |
| 3   | 5265.000        | 108.00           | -2.76       | --             | --          | Peak     | 142.00         | 150         | Horizontal | N/A     |
| 3** | 5265.000        | 100.46           | -2.76       | --             | --          | AV       | 142.00         | 150         | Horizontal | N/A     |
| 4   | 7707.500        | 53.70            | 1.49        | 74.0           | 20.30       | Peak     | 224.00         | 400         | Horizontal | Pass    |
| 4** | 7707.500        | 44.37            | 1.49        | 54.0           | 9.63        | AV       | 224.00         | 400         | Horizontal | Pass    |
| 5   | 12423.200       | 52.80            | 1.07        | 74.0           | 21.20       | Peak     | 70.00          | 100         | Horizontal | Pass    |
| 5** | 12423.200       | 44.52            | 1.07        | 54.0           | 9.48        | AV       | 70.00          | 100         | Horizontal | Pass    |
| 6   | 16112.625       | 54.53            | 1.85        | 74.0           | 19.47       | Peak     | 249.00         | 400         | Horizontal | Pass    |
| 6** | 16112.625       | 45.79            | 1.85        | 54.0           | 8.21        | AV       | 249.00         | 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   | 1595.400        | 38.07            | -17.07      | 74.0           | 35.93       | Peak     | 11.00          | 300         | Vertical | Pass    |
| 1** | 1595.400        | 28.59            | -17.07      | 54.0           | 25.41       | AV       | 11.00          | 300         | Vertical | Pass    |
| 2   | 4331.750        | 47.21            | -4.61       | 74.0           | 26.79       | Peak     | 96.00          | 100         | Vertical | Pass    |
| 2** | 4331.750        | 37.66            | -4.61       | 54.0           | 16.34       | AV       | 96.00          | 100         | Vertical | Pass    |
| 3   | 5254.250        | 96.02            | -2.88       | --             | --          | Peak     | 193.00         | 100         | Vertical | N/A     |
| 3** | 5254.250        | 87.64            | -2.88       | --             | --          | AV       | 193.00         | 100         | Vertical | N/A     |
| 4   | 7600.000        | 53.31            | 0.78        | 74.0           | 20.69       | Peak     | 96.00          | 100         | Vertical | Pass    |
| 4** | 7600.000        | 44.20            | 0.78        | 54.0           | 9.80        | AV       | 96.00          | 100         | Vertical | Pass    |
| 5   | 12223.462       | 52.78            | 0.73        | 74.0           | 21.22       | Peak     | 60.00          | 100         | Vertical | Pass    |
| 5** | 12223.462       | 42.96            | 0.73        | 54.0           | 11.04       | AV       | 60.00          | 100         | Vertical | Pass    |
| 6   | 16126.800       | 54.62            | 1.97        | 74.0           | 19.38       | Peak     | 62.00          | 400         | Vertical | Pass    |
| 6** | 16126.800       | 45.02            | 1.97        | 54.0           | 8.98        | AV       | 62.00          | 400         | 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   | 1487.300        | 38.80            | -17.01      | 74.0           | 35.20       | Peak     | 192.00         | 400         | Horizontal | Pass    |
| 1** | 1487.300        | 28.32            | -17.01      | 54.0           | 25.68       | AV       | 192.00         | 400         | Horizontal | Pass    |
| 2   | 4267.250        | 47.40            | -4.82       | 74.0           | 26.60       | Peak     | 64.00          | 400         | Horizontal | Pass    |
| 2** | 4267.250        | 38.10            | -4.82       | 54.0           | 15.90       | AV       | 64.00          | 400         | Horizontal | Pass    |
| 3   | 5298.500        | 107.93           | -2.84       | --             | --          | Peak     | 185.00         | 100         | Horizontal | N/A     |
| 3** | 5298.500        | 100.20           | -2.84       | --             | --          | AV       | 185.00         | 100         | Horizontal | N/A     |
| 4   | 7710.250        | 54.11            | 1.90        | 74.0           | 19.89       | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 4** | 7710.250        | 45.18            | 1.90        | 54.0           | 8.82        | AV       | 0.00           | 400         | Horizontal | Pass    |
| 5   | 11798.338       | 52.87            | -0.15       | 74.0           | 21.13       | Peak     | 74.00          | 200         | Horizontal | Pass    |
| 5** | 11798.338       | 43.23            | -0.15       | 54.0           | 10.77       | AV       | 74.00          | 200         | Horizontal | Pass    |
| 6   | 16096.349       | 54.70            | 1.70        | 74.0           | 19.30       | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 6** | 16096.349       | 46.36            | 1.70        | 54.0           | 7.64        | AV       | 0.00           | 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   | 1513.000        | 38.81            | -16.87      | 74.0           | 35.19       | Peak     | 346.00         | 200         | Vertical | Pass    |
| 1** | 1513.000        | 28.96            | -16.87      | 54.0           | 25.04       | AV       | 346.00         | 200         | Vertical | Pass    |
| 2   | 4292.250        | 46.60            | -4.60       | 74.0           | 27.40       | Peak     | 127.00         | 300         | Vertical | Pass    |
| 2** | 4292.250        | 37.69            | -4.60       | 54.0           | 16.31       | AV       | 127.00         | 300         | Vertical | Pass    |
| 3   | 5301.500        | 97.04            | -2.76       | --             | --          | Peak     | 26.00          | 150         | Vertical | N/A     |
| 3** | 5301.500        | 88.98            | -2.76       | --             | --          | AV       | 26.00          | 150         | Vertical | N/A     |
| 4   | 7687.500        | 53.48            | 1.11        | 74.0           | 20.52       | Peak     | 186.00         | 200         | Vertical | Pass    |
| 4** | 7687.500        | 44.14            | 1.11        | 54.0           | 9.86        | AV       | 186.00         | 200         | Vertical | Pass    |
| 5   | 11800.475       | 53.12            | -0.15       | 74.0           | 20.88       | Peak     | 300.00         | 100         | Vertical | Pass    |
| 5** | 11800.475       | 44.18            | -0.15       | 54.0           | 9.82        | AV       | 300.00         | 100         | Vertical | Pass    |
| 6   | 16147.537       | 54.43            | 2.13        | 74.0           | 19.57       | Peak     | 3.00           | 300         | Vertical | Pass    |
| 6** | 16147.537       | 45.03            | 2.13        | 54.0           | 8.97        | AV       | 3.00           | 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   | 1599.500        | 38.67            | -17.05      | 74.0           | 35.33       | Peak     | 94.00          | 400         | Horizontal | Pass    |
| 1** | 1599.500        | 29.97            | -17.05      | 54.0           | 24.03       | AV       | 94.00          | 400         | Horizontal | Pass    |
| 2   | 4241.000        | 46.97            | -4.75       | 74.0           | 27.03       | Peak     | 204.00         | 400         | Horizontal | Pass    |
| 2** | 4241.000        | 38.43            | -4.75       | 54.0           | 15.57       | AV       | 204.00         | 400         | Horizontal | Pass    |
| 3   | 5323.750        | 103.62           | -2.68       | --             | --          | Peak     | 141.00         | 100         | Horizontal | N/A     |
| 3** | 5323.750        | 95.51            | -2.68       | --             | --          | AV       | 141.00         | 100         | Horizontal | N/A     |
| 4   | 7677.250        | 53.97            | 0.97        | 74.0           | 20.03       | Peak     | 82.00          | 200         | Horizontal | Pass    |
| 4** | 7677.250        | 44.48            | 0.97        | 54.0           | 9.52        | AV       | 82.00          | 200         | Horizontal | Pass    |
| 5   | 11788.838       | 52.72            | -0.16       | 74.0           | 21.28       | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 5** | 11788.838       | 43.60            | -0.16       | 54.0           | 10.40       | AV       | 360.00         | 150         | Horizontal | Pass    |
| 6   | 15887.662       | 54.55            | 1.93        | 74.0           | 19.45       | Peak     | 14.00          | 400         | Horizontal | Pass    |
| 6** | 15887.662       | 45.03            | 1.93        | 54.0           | 8.97        | AV       | 14.00          | 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   | 1622.600        | 38.27            | -17.19      | 74.0           | 35.73       | Peak     | 130.00         | 400         | Vertical | Pass    |
| 1** | 1622.600        | 28.76            | -17.19      | 54.0           | 25.24       | AV       | 130.00         | 400         | Vertical | Pass    |
| 2   | 4321.000        | 47.77            | -4.84       | 74.0           | 26.23       | Peak     | 0.00           | 300         | Vertical | Pass    |
| 2** | 4321.000        | 37.61            | -4.84       | 54.0           | 16.39       | AV       | 0.00           | 300         | Vertical | Pass    |
| 3   | 5323.500        | 92.69            | -2.83       | --             | --          | Peak     | 209.00         | 200         | Vertical | N/A     |
| 3** | 5323.500        | 85.40            | -2.83       | --             | --          | AV       | 209.00         | 200         | Vertical | N/A     |
| 4   | 7685.750        | 54.30            | 1.54        | 74.0           | 19.70       | Peak     | 48.00          | 200         | Vertical | Pass    |
| 4** | 7685.750        | 44.95            | 1.54        | 54.0           | 9.05        | AV       | 48.00          | 200         | Vertical | Pass    |
| 5   | 11797.862       | 52.67            | -0.15       | 74.0           | 21.33       | Peak     | 218.00         | 150         | Vertical | Pass    |
| 5** | 11797.862       | 43.07            | -0.15       | 54.0           | 10.93       | AV       | 218.00         | 150         | Vertical | Pass    |
| 6   | 16121.550       | 55.70            | 1.92        | 74.0           | 18.30       | Peak     | 172.00         | 300         | Vertical | Pass    |
| 6** | 16121.550       | 45.74            | 1.92        | 54.0           | 8.26        | AV       | 172.00         | 300         | 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   | 1458.200        | 38.37            | -17.04      | 74.0           | 35.63       | Peak     | 184.00         | 100         | Horizontal | Pass    |
| 1** | 1458.200        | 28.91            | -17.04      | 54.0           | 25.09       | AV       | 184.00         | 100         | Horizontal | Pass    |
| 2   | 4341.500        | 46.68            | -4.86       | 74.0           | 27.32       | Peak     | 64.00          | 400         | Horizontal | Pass    |
| 2** | 4341.500        | 38.62            | -4.86       | 54.0           | 15.38       | AV       | 64.00          | 400         | Horizontal | Pass    |
| 3   | 5263.250        | 108.08           | -2.94       | --             | --          | Peak     | 164.00         | 200         | Horizontal | N/A     |
| 3** | 5263.250        | 100.50           | -2.94       | --             | --          | AV       | 164.00         | 200         | Horizontal | N/A     |
| 4   | 7623.500        | 53.67            | 0.27        | 74.0           | 20.33       | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 4** | 7623.500        | 43.38            | 0.27        | 54.0           | 10.62       | AV       | 0.00           | 400         | Horizontal | Pass    |
| 5   | 11811.637       | 52.77            | -0.28       | 74.0           | 21.23       | Peak     | 26.00          | 100         | Horizontal | Pass    |
| 5** | 11811.637       | 43.43            | -0.28       | 54.0           | 10.57       | AV       | 26.00          | 100         | Horizontal | Pass    |
| 6   | 16129.424       | 54.80            | 1.99        | 74.0           | 19.20       | Peak     | 229.00         | 400         | Horizontal | Pass    |
| 6** | 16129.424       | 45.27            | 1.99        | 54.0           | 8.73        | AV       | 229.00         | 400         | 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   | 1456.600        | 38.73            | -17.14      | 74.0           | 35.27       | Peak     | 291.00         | 400         | Vertical | Pass    |
| 1** | 1456.600        | 28.44            | -17.14      | 54.0           | 25.56       | AV       | 291.00         | 400         | Vertical | Pass    |
| 2   | 4205.500        | 47.02            | -5.21       | 74.0           | 26.98       | Peak     | 74.00          | 300         | Vertical | Pass    |
| 2** | 4205.500        | 37.64            | -5.21       | 54.0           | 16.36       | AV       | 74.00          | 300         | Vertical | Pass    |
| 3   | 5257.250        | 95.42            | -3.17       | --             | --          | Peak     | 300.00         | 150         | Vertical | N/A     |
| 3** | 5257.250        | 87.61            | -3.17       | --             | --          | AV       | 300.00         | 150         | Vertical | N/A     |
| 4   | 7705.250        | 53.70            | 2.03        | 74.0           | 20.30       | Peak     | 122.00         | 300         | Vertical | Pass    |
| 4** | 7705.250        | 45.31            | 2.03        | 54.0           | 8.69        | AV       | 122.00         | 300         | Vertical | Pass    |
| 5   | 11751.788       | 52.60            | -0.19       | 74.0           | 21.40       | Peak     | 170.00         | 200         | Vertical | Pass    |
| 5** | 11751.788       | 43.59            | -0.19       | 54.0           | 10.41       | AV       | 170.00         | 200         | Vertical | Pass    |
| 6   | 15661.912       | 55.16            | 2.01        | 74.0           | 18.84       | Peak     | 188.00         | 400         | Vertical | Pass    |
| 6** | 15661.912       | 44.22            | 2.01        | 54.0           | 9.78        | AV       | 188.00         | 400         | 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   | 1551.700        | 38.37            | -17.15      | 74.0           | 35.63       | Peak     | 324.00         | 300         | Horizontal | Pass    |
| 1** | 1551.700        | 28.73            | -17.15      | 54.0           | 25.27       | AV       | 324.00         | 300         | Horizontal | Pass    |
| 2   | 4258.000        | 47.21            | -4.28       | 74.0           | 26.79       | Peak     | 144.00         | 200         | Horizontal | Pass    |
| 2** | 4258.000        | 37.99            | -4.28       | 54.0           | 16.01       | AV       | 144.00         | 200         | Horizontal | Pass    |
| 3   | 5297.750        | 108.46           | -2.79       | --             | --          | Peak     | 163.00         | 150         | Horizontal | N/A     |
| 3** | 5297.750        | 100.33           | -2.79       | --             | --          | AV       | 163.00         | 150         | Horizontal | N/A     |
| 4   | 7709.250        | 53.82            | 1.90        | 74.0           | 20.18       | Peak     | 103.00         | 100         | Horizontal | Pass    |
| 4** | 7709.250        | 44.73            | 1.90        | 54.0           | 9.27        | AV       | 103.00         | 100         | Horizontal | Pass    |
| 5   | 12210.638       | 52.79            | 0.55        | 74.0           | 21.21       | Peak     | 50.00          | 100         | Horizontal | Pass    |
| 5** | 12210.638       | 43.54            | 0.55        | 54.0           | 10.46       | AV       | 50.00          | 100         | Horizontal | Pass    |
| 6   | 16093.725       | 54.73            | 1.67        | 74.0           | 19.27       | Peak     | 325.00         | 300         | Horizontal | Pass    |
| 6** | 16093.725       | 46.15            | 1.67        | 54.0           | 7.85        | AV       | 325.00         | 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   | 1513.400        | 38.60            | -16.74      | 74.0           | 35.40       | Peak     | 204.00         | 300         | Vertical | Pass    |
| 1** | 1513.400        | 29.12            | -16.74      | 54.0           | 24.88       | AV       | 204.00         | 300         | Vertical | Pass    |
| 2   | 4334.750        | 46.65            | -4.96       | 74.0           | 27.35       | Peak     | 344.00         | 400         | Vertical | Pass    |
| 2** | 4334.750        | 37.58            | -4.96       | 54.0           | 16.42       | AV       | 344.00         | 400         | Vertical | Pass    |
| 3   | 5301.500        | 97.81            | -2.76       | --             | --          | Peak     | 303.00         | 150         | Vertical | N/A     |
| 3** | 5301.500        | 90.42            | -2.76       | --             | --          | AV       | 303.00         | 150         | Vertical | N/A     |
| 4   | 7704.750        | 53.65            | 2.00        | 74.0           | 20.35       | Peak     | 224.00         | 300         | Vertical | Pass    |
| 4** | 7704.750        | 44.61            | 2.00        | 54.0           | 9.39        | AV       | 224.00         | 300         | Vertical | Pass    |
| 5   | 12493.263       | 53.05            | 1.38        | 74.0           | 20.95       | Peak     | 218.00         | 100         | Vertical | Pass    |
| 5** | 12493.263       | 42.78            | 1.38        | 54.0           | 11.22       | AV       | 218.00         | 100         | Vertical | Pass    |
| 6   | 15443.775       | 54.90            | 2.07        | 74.0           | 19.10       | Peak     | 339.00         | 300         | Vertical | Pass    |
| 6** | 15443.775       | 44.66            | 2.07        | 54.0           | 9.34        | AV       | 339.00         | 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   | 1452.900        | 38.32            | -16.97      | 74.0           | 35.68       | Peak     | 181.00         | 200         | Horizontal | Pass    |
| 1** | 1452.900        | 29.29            | -16.97      | 54.0           | 24.71       | AV       | 181.00         | 200         | Horizontal | Pass    |
| 2   | 4264.250        | 47.52            | -4.83       | 74.0           | 26.48       | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 2** | 4264.250        | 38.24            | -4.83       | 54.0           | 15.76       | AV       | 0.00           | 400         | Horizontal | Pass    |
| 3   | 5324.250        | 105.85           | -2.77       | --             | --          | Peak     | 139.00         | 200         | Horizontal | N/A     |
| 3** | 5324.250        | 98.46            | -2.77       | --             | --          | AV       | 139.00         | 200         | Horizontal | N/A     |
| 4   | 7709.000        | 53.49            | 1.89        | 74.0           | 20.51       | Peak     | 276.00         | 300         | Horizontal | Pass    |
| 4** | 7709.000        | 45.78            | 1.89        | 54.0           | 8.22        | AV       | 276.00         | 300         | Horizontal | Pass    |
| 5   | 11678.162       | 52.68            | -0.88       | 74.0           | 21.32       | Peak     | 297.00         | 100         | Horizontal | Pass    |
| 5** | 11678.162       | 44.15            | -0.88       | 54.0           | 9.85        | AV       | 297.00         | 100         | Horizontal | Pass    |
| 6   | 15900.262       | 54.51            | 2.02        | 74.0           | 19.49       | Peak     | 90.00          | 100         | Horizontal | Pass    |
| 6** | 15900.262       | 44.93            | 2.02        | 54.0           | 9.07        | AV       | 90.00          | 100         | 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   | 1607.000        | 38.32            | -16.80      | 74.0           | 35.68       | Peak     | 90.00          | 200         | Vertical | Pass    |
| 1** | 1607.000        | 29.16            | -16.80      | 54.0           | 24.84       | AV       | 90.00          | 200         | Vertical | Pass    |
| 2   | 4263.500        | 46.87            | -4.55       | 74.0           | 27.13       | Peak     | 326.00         | 400         | Vertical | Pass    |
| 2** | 4263.500        | 38.68            | -4.55       | 54.0           | 15.32       | AV       | 326.00         | 400         | Vertical | Pass    |
| 3   | 5324.000        | 94.69            | -2.69       | --             | --          | Peak     | 28.00          | 100         | Vertical | N/A     |
| 3** | 5324.000        | 86.80            | -2.69       | --             | --          | AV       | 28.00          | 100         | Vertical | N/A     |
| 4   | 7705.000        | 53.73            | 2.03        | 74.0           | 20.27       | Peak     | 147.00         | 200         | Vertical | Pass    |
| 4** | 7705.000        | 45.53            | 2.03        | 54.0           | 8.47        | AV       | 147.00         | 200         | Vertical | Pass    |
| 5   | 11671.276       | 52.49            | -0.99       | 74.0           | 21.51       | Peak     | 209.00         | 200         | Vertical | Pass    |
| 5** | 11671.276       | 42.71            | -0.99       | 54.0           | 11.29       | AV       | 209.00         | 200         | Vertical | Pass    |
| 6   | 16102.388       | 54.46            | 1.77        | 74.0           | 19.54       | Peak     | 64.00          | 400         | Vertical | Pass    |
| 6** | 16102.388       | 46.01            | 1.77        | 54.0           | 7.99        | AV       | 64.00          | 400         | 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   | 1441.100        | 38.87            | -16.69      | 74.0           | 35.13       | Peak     | 85.00          | 300         | Horizontal | Pass    |
| 1** | 1441.100        | 29.35            | -16.69      | 54.0           | 24.65       | AV       | 85.00          | 300         | Horizontal | Pass    |
| 2   | 4359.750        | 47.22            | -4.73       | 74.0           | 26.78       | Peak     | 342.00         | 300         | Horizontal | Pass    |
| 2** | 4359.750        | 37.80            | -4.73       | 54.0           | 16.20       | AV       | 342.00         | 300         | Horizontal | Pass    |
| 3   | 5264.750        | 104.31           | -2.99       | --             | --          | Peak     | 123.00         | 100         | Horizontal | N/A     |
| 3** | 5264.750        | 96.49            | -2.99       | --             | --          | AV       | 123.00         | 100         | Horizontal | N/A     |
| 4   | 7714.500        | 54.08            | 1.63        | 74.0           | 19.92       | Peak     | 26.00          | 400         | Horizontal | Pass    |
| 4** | 7714.500        | 44.73            | 1.63        | 54.0           | 9.27        | AV       | 26.00          | 400         | Horizontal | Pass    |
| 5   | 11791.213       | 53.24            | -0.15       | 74.0           | 20.76       | Peak     | 281.00         | 100         | Horizontal | Pass    |
| 5** | 11791.213       | 44.07            | -0.15       | 54.0           | 9.93        | AV       | 281.00         | 100         | Horizontal | Pass    |
| 6   | 15922.575       | 54.92            | 1.63        | 74.0           | 19.08       | Peak     | 42.00          | 400         | Horizontal | Pass    |
| 6** | 15922.575       | 45.57            | 1.63        | 54.0           | 8.43        | AV       | 42.00          | 400         | 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   | 1572.400        | 38.91            | -17.00      | 74.0           | 35.09       | Peak     | 13.00          | 300         | Vertical | Pass    |
| 1** | 1572.400        | 28.44            | -17.00      | 54.0           | 25.56       | AV       | 13.00          | 300         | Vertical | Pass    |
| 2   | 4294.500        | 46.83            | -4.72       | 74.0           | 27.17       | Peak     | 257.00         | 300         | Vertical | Pass    |
| 2** | 4294.500        | 38.01            | -4.72       | 54.0           | 15.99       | AV       | 257.00         | 300         | Vertical | Pass    |
| 3   | 5274.750        | 90.80            | -2.56       | --             | --          | Peak     | 60.00          | 100         | Vertical | N/A     |
| 3** | 5274.750        | 84.29            | -2.56       | --             | --          | AV       | 60.00          | 100         | Vertical | N/A     |
| 4   | 7676.000        | 53.99            | 0.79        | 74.0           | 20.01       | Peak     | 82.00          | 200         | Vertical | Pass    |
| 4** | 7676.000        | 43.87            | 0.79        | 54.0           | 10.13       | AV       | 82.00          | 200         | Vertical | Pass    |
| 5   | 11804.987       | 52.74            | -0.20       | 74.0           | 21.26       | Peak     | 177.00         | 200         | Vertical | Pass    |
| 5** | 11804.987       | 43.79            | -0.20       | 54.0           | 10.21       | AV       | 177.00         | 200         | Vertical | Pass    |
| 6   | 16133.363       | 54.61            | 2.02        | 74.0           | 19.39       | Peak     | 227.00         | 100         | Vertical | Pass    |
| 6** | 16133.363       | 45.64            | 2.02        | 54.0           | 8.36        | AV       | 227.00         | 100         | 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   | 1612.600        | 39.46            | -16.75      | 74.0           | 34.54       | Peak     | 68.00          | 400         | Horizontal | Pass    |
| 1** | 1612.600        | 29.28            | -16.75      | 54.0           | 24.72       | AV       | 68.00          | 400         | Horizontal | Pass    |
| 2   | 4160.750        | 47.03            | -5.79       | 74.0           | 26.97       | Peak     | 26.00          | 100         | Horizontal | Pass    |
| 2** | 4160.750        | 37.02            | -5.79       | 54.0           | 16.98       | AV       | 26.00          | 100         | Horizontal | Pass    |
| 3   | 5313.250        | 96.63            | -3.32       | --             | --          | Peak     | 183.00         | 100         | Horizontal | N/A     |
| 3** | 5313.250        | 88.80            | -3.32       | --             | --          | AV       | 183.00         | 100         | Horizontal | N/A     |
| 4   | 7705.000        | 53.61            | 2.03        | 74.0           | 20.39       | Peak     | 48.00          | 300         | Horizontal | Pass    |
| 4** | 7705.000        | 45.26            | 2.03        | 54.0           | 8.74        | AV       | 48.00          | 300         | Horizontal | Pass    |
| 5   | 11775.537       | 52.67            | -0.17       | 74.0           | 21.33       | Peak     | 82.00          | 100         | Horizontal | Pass    |
| 5** | 11775.537       | 43.50            | -0.17       | 54.0           | 10.50       | AV       | 82.00          | 100         | Horizontal | Pass    |
| 6   | 15901.838       | 55.19            | 2.00        | 74.0           | 18.81       | Peak     | 324.00         | 200         | Horizontal | Pass    |
| 6** | 15901.838       | 45.15            | 2.00        | 54.0           | 8.85        | AV       | 324.00         | 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   | 1482.800        | 38.25            | -17.04      | 74.0           | 35.75       | Peak     | 278.00         | 400         | Vertical | Pass    |
| 1** | 1482.800        | 28.57            | -17.04      | 54.0           | 25.43       | AV       | 278.00         | 400         | Vertical | Pass    |
| 2   | 4260.250        | 47.31            | -4.42       | 74.0           | 26.69       | Peak     | 205.00         | 300         | Vertical | Pass    |
| 2** | 4260.250        | 38.07            | -4.42       | 54.0           | 15.93       | AV       | 205.00         | 300         | Vertical | Pass    |
| 3   | 5304.500        | 84.83            | -2.93       | --             | --          | Peak     | 43.00          | 200         | Vertical | N/A     |
| 3** | 5304.500        | 76.37            | -2.93       | --             | --          | AV       | 43.00          | 200         | Vertical | N/A     |
| 4   | 7508.000        | 53.76            | 0.11        | 74.0           | 20.24       | Peak     | 64.00          | 400         | Vertical | Pass    |
| 4** | 7508.000        | 43.78            | 0.11        | 54.0           | 10.22       | AV       | 64.00          | 400         | Vertical | Pass    |
| 5   | 11764.375       | 52.83            | -0.18       | 74.0           | 21.17       | Peak     | 147.00         | 200         | Vertical | Pass    |
| 5** | 11764.375       | 42.84            | -0.18       | 54.0           | 11.16       | AV       | 147.00         | 200         | Vertical | Pass    |
| 6   | 16088.475       | 54.61            | 1.60        | 74.0           | 19.39       | Peak     | 210.00         | 100         | Vertical | Pass    |
| 6** | 16088.475       | 45.24            | 1.60        | 54.0           | 8.76        | AV       | 210.00         | 100         | 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   | 1618.200        | 38.57            | -16.97      | 74.0           | 35.43       | Peak     | 317.00         | 100         | Horizontal | Pass    |
| 1** | 1618.200        | 28.96            | -16.97      | 54.0           | 25.04       | AV       | 317.00         | 100         | Horizontal | Pass    |
| 2   | 4314.000        | 47.13            | -4.99       | 74.0           | 26.87       | Peak     | 127.00         | 200         | Horizontal | Pass    |
| 2** | 4314.000        | 37.61            | -4.99       | 54.0           | 16.39       | AV       | 127.00         | 200         | Horizontal | Pass    |
| 3   | 5263.500        | 107.82           | -2.98       | --             | --          | Peak     | 127.00         | 150         | Horizontal | N/A     |
| 3** | 5263.500        | 100.45           | -2.98       | --             | --          | AV       | 127.00         | 150         | Horizontal | N/A     |
| 4   | 7713.500        | 54.21            | 1.71        | 74.0           | 19.79       | Peak     | 303.00         | 100         | Horizontal | Pass    |
| 4** | 7713.500        | 44.17            | 1.71        | 54.0           | 9.83        | AV       | 303.00         | 100         | Horizontal | Pass    |
| 5   | 11800.713       | 53.00            | -0.15       | 74.0           | 21.00       | Peak     | 130.00         | 150         | Horizontal | Pass    |
| 5** | 11800.713       | 43.27            | -0.15       | 54.0           | 10.73       | AV       | 130.00         | 150         | Horizontal | Pass    |
| 6   | 15912.863       | 55.05            | 1.80        | 74.0           | 18.95       | Peak     | 192.00         | 400         | Horizontal | Pass    |
| 6** | 15912.863       | 45.44            | 1.80        | 54.0           | 8.56        | AV       | 192.00         | 400         | 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   | 1591.600        | 38.12            | -17.50      | 74.0           | 35.88       | Peak     | 203.00         | 400         | Vertical | Pass    |
| 1** | 1591.600        | 29.07            | -17.50      | 54.0           | 24.93       | AV       | 203.00         | 400         | Vertical | Pass    |
| 2   | 4052.750        | 46.94            | -5.49       | 74.0           | 27.06       | Peak     | 268.00         | 200         | Vertical | Pass    |
| 2** | 4052.750        | 37.01            | -5.49       | 54.0           | 16.99       | AV       | 268.00         | 200         | Vertical | Pass    |
| 3   | 5263.750        | 95.35            | -3.08       | --             | --          | Peak     | 42.00          | 200         | Vertical | N/A     |
| 3** | 5263.750        | 88.10            | -3.08       | --             | --          | AV       | 42.00          | 200         | Vertical | N/A     |
| 4   | 7496.000        | 53.41            | 1.05        | 74.0           | 20.59       | Peak     | 200.00         | 400         | Vertical | Pass    |
| 4** | 7496.000        | 43.87            | 1.05        | 54.0           | 10.13       | AV       | 200.00         | 400         | Vertical | Pass    |
| 5   | 12401.112       | 52.81            | 1.11        | 74.0           | 21.19       | Peak     | 269.00         | 200         | Vertical | Pass    |
| 5** | 12401.112       | 42.90            | 1.11        | 54.0           | 11.10       | AV       | 269.00         | 200         | Vertical | Pass    |
| 6   | 15962.474       | 54.37            | 1.18        | 74.0           | 19.63       | Peak     | 336.00         | 100         | Vertical | Pass    |
| 6** | 15962.474       | 44.25            | 1.18        | 54.0           | 9.75        | AV       | 336.00         | 100         | 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   | 1624.600        | 38.66            | -16.96      | 74.0           | 35.34       | Peak     | 0.00           | 300         | Horizontal | Pass    |
| 1** | 1624.600        | 29.29            | -16.96      | 54.0           | 24.71       | AV       | 0.00           | 300         | Horizontal | Pass    |
| 2   | 4242.750        | 47.55            | -4.69       | 74.0           | 26.45       | Peak     | 249.00         | 300         | Horizontal | Pass    |
| 2** | 4242.750        | 38.22            | -4.69       | 54.0           | 15.78       | AV       | 249.00         | 300         | Horizontal | Pass    |
| 3   | 5297.750        | 108.51           | -2.79       | --             | --          | Peak     | 147.00         | 100         | Horizontal | N/A     |
| 3** | 5297.750        | 100.52           | -2.79       | --             | --          | AV       | 147.00         | 100         | Horizontal | N/A     |
| 4   | 7715.000        | 53.02            | 1.54        | 74.0           | 20.98       | Peak     | 273.00         | 200         | Horizontal | Pass    |
| 4** | 7715.000        | 45.39            | 1.54        | 54.0           | 8.61        | AV       | 273.00         | 200         | Horizontal | Pass    |
| 5   | 11751.788       | 52.65            | -0.19       | 74.0           | 21.35       | Peak     | 351.00         | 100         | Horizontal | Pass    |
| 5** | 11751.788       | 43.33            | -0.19       | 54.0           | 10.67       | AV       | 351.00         | 100         | Horizontal | Pass    |
| 6   | 16105.800       | 55.47            | 1.80        | 74.0           | 18.53       | Peak     | 13.00          | 300         | Horizontal | Pass    |
| 6** | 16105.800       | 45.27            | 1.80        | 54.0           | 8.73        | AV       | 13.00          | 300         | 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   | 1604.800        | 38.36            | -16.70      | 74.0           | 35.64       | Peak     | 198.00         | 200         | Vertical | Pass    |
| 1** | 1604.800        | 29.71            | -16.70      | 54.0           | 24.29       | AV       | 198.00         | 200         | Vertical | Pass    |
| 2   | 4216.000        | 46.70            | -5.34       | 74.0           | 27.30       | Peak     | 186.00         | 100         | Vertical | Pass    |
| 2** | 4216.000        | 37.76            | -5.34       | 54.0           | 16.24       | AV       | 186.00         | 100         | Vertical | Pass    |
| 3   | 5298.500        | 98.14            | -2.84       | --             | --          | Peak     | 305.00         | 100         | Vertical | N/A     |
| 3** | 5298.500        | 91.03            | -2.84       | --             | --          | AV       | 305.00         | 100         | Vertical | N/A     |
| 4   | 7359.000        | 53.64            | 0.93        | 74.0           | 20.36       | Peak     | 64.00          | 400         | Vertical | Pass    |
| 4** | 7359.000        | 44.01            | 0.93        | 54.0           | 9.99        | AV       | 64.00          | 400         | Vertical | Pass    |
| 5   | 11753.450       | 52.64            | -0.19       | 74.0           | 21.36       | Peak     | 307.00         | 200         | Vertical | Pass    |
| 5** | 11753.450       | 43.66            | -0.19       | 54.0           | 10.34       | AV       | 307.00         | 200         | Vertical | Pass    |
| 6   | 16099.237       | 55.87            | 1.74        | 74.0           | 18.13       | Peak     | 220.00         | 300         | Vertical | Pass    |
| 6** | 16099.237       | 45.93            | 1.74        | 54.0           | 8.07        | AV       | 220.00         | 300         | 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   | 1592.700        | 39.06            | -16.50      | 74.0           | 34.94       | Peak     | 358.00         | 100         | Horizontal | Pass    |
| 1** | 1592.700        | 29.67            | -16.50      | 54.0           | 24.33       | AV       | 358.00         | 100         | Horizontal | Pass    |
| 2   | 4358.000        | 46.87            | -4.58       | 74.0           | 27.13       | Peak     | 172.00         | 400         | Horizontal | Pass    |
| 2** | 4358.000        | 37.48            | -4.58       | 54.0           | 16.52       | AV       | 172.00         | 400         | Horizontal | Pass    |
| 3   | 5323.750        | 101.17           | -2.68       | --             | --          | Peak     | 172.00         | 200         | Horizontal | N/A     |
| 3** | 5323.750        | 93.71            | -2.68       | --             | --          | AV       | 172.00         | 200         | Horizontal | N/A     |
| 4   | 7680.000        | 53.61            | 0.84        | 74.0           | 20.39       | Peak     | 41.00          | 300         | Horizontal | Pass    |
| 4** | 7680.000        | 44.22            | 0.84        | 54.0           | 9.78        | AV       | 41.00          | 300         | Horizontal | Pass    |
| 5   | 11763.425       | 52.26            | -0.18       | 74.0           | 21.74       | Peak     | 175.00         | 150         | Horizontal | Pass    |
| 5** | 11763.425       | 44.64            | -0.18       | 54.0           | 9.36        | AV       | 175.00         | 150         | Horizontal | Pass    |
| 6   | 16090.313       | 54.48            | 1.62        | 74.0           | 19.52       | Peak     | 134.00         | 100         | Horizontal | Pass    |
| 6** | 16090.313       | 45.38            | 1.62        | 54.0           | 8.62        | AV       | 134.00         | 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   | 1597.300        | 38.18            | -16.95      | 74.0           | 35.82       | Peak     | 25.00          | 400         | Vertical | Pass    |
| 1** | 1597.300        | 28.75            | -16.95      | 54.0           | 25.25       | AV       | 25.00          | 400         | Vertical | Pass    |
| 2   | 4397.000        | 46.96            | -5.14       | 74.0           | 27.04       | Peak     | 171.00         | 200         | Vertical | Pass    |
| 2** | 4397.000        | 38.12            | -5.14       | 54.0           | 15.88       | AV       | 171.00         | 200         | Vertical | Pass    |
| 3   | 5315.500        | 91.54            | -3.04       | --             | --          | Peak     | 193.00         | 100         | Vertical | N/A     |
| 3** | 5315.500        | 82.97            | -3.04       | --             | --          | AV       | 193.00         | 100         | Vertical | N/A     |
| 4   | 7599.250        | 53.62            | 1.13        | 74.0           | 20.38       | Peak     | 214.00         | 400         | Vertical | Pass    |
| 4** | 7599.250        | 44.10            | 1.13        | 54.0           | 9.90        | AV       | 214.00         | 400         | Vertical | Pass    |
| 5   | 12518.674       | 52.51            | 1.33        | 74.0           | 21.49       | Peak     | 238.00         | 200         | Vertical | Pass    |
| 5** | 12518.674       | 42.80            | 1.33        | 54.0           | 11.20       | AV       | 238.00         | 200         | Vertical | Pass    |
| 6   | 16116.563       | 54.61            | 1.88        | 74.0           | 19.39       | Peak     | 151.00         | 200         | Vertical | Pass    |
| 6** | 16116.563       | 45.54            | 1.88        | 54.0           | 8.46        | AV       | 151.00         | 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   | 1607.600        | 38.32            | -16.99      | 74.0           | 35.68       | Peak     | 230.00         | 400         | Horizontal | Pass    |
| 1** | 1607.600        | 29.24            | -16.99      | 54.0           | 24.76       | AV       | 230.00         | 400         | Horizontal | Pass    |
| 2   | 4267.250        | 47.34            | -4.82       | 74.0           | 26.66       | Peak     | 0.00           | 300         | Horizontal | Pass    |
| 2** | 4267.250        | 37.85            | -4.82       | 54.0           | 16.15       | AV       | 0.00           | 300         | Horizontal | Pass    |
| 3   | 5273.000        | 104.42           | -2.62       | --             | --          | Peak     | 169.00         | 150         | Horizontal | N/A     |
| 3** | 5273.000        | 96.99            | -2.62       | --             | --          | AV       | 169.00         | 150         | Horizontal | N/A     |
| 4   | 7722.750        | 53.39            | 1.00        | 74.0           | 20.61       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 4** | 7722.750        | 44.63            | 1.00        | 54.0           | 9.37        | AV       | 0.00           | 100         | Horizontal | Pass    |
| 5   | 11798.100       | 53.73            | -0.15       | 74.0           | 20.27       | Peak     | 145.00         | 200         | Horizontal | Pass    |
| 5** | 11798.100       | 43.22            | -0.15       | 54.0           | 10.78       | AV       | 145.00         | 200         | Horizontal | Pass    |
| 6   | 16107.375       | 54.92            | 1.81        | 74.0           | 19.08       | Peak     | 212.00         | 400         | Horizontal | Pass    |
| 6** | 16107.375       | 45.92            | 1.81        | 54.0           | 8.08        | AV       | 212.00         | 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   | 1445.800        | 38.90            | -17.06      | 74.0           | 35.10       | Peak     | 183.00         | 100         | Vertical | Pass    |
| 1** | 1445.800        | 29.04            | -17.06      | 54.0           | 24.96       | AV       | 183.00         | 100         | Vertical | Pass    |
| 2   | 4263.500        | 47.63            | -4.55       | 74.0           | 26.37       | Peak     | 149.00         | 200         | Vertical | Pass    |
| 2** | 4263.500        | 37.53            | -4.55       | 54.0           | 16.47       | AV       | 149.00         | 200         | Vertical | Pass    |
| 3   | 5285.500        | 91.01            | -2.81       | --             | --          | Peak     | 63.00          | 100         | Vertical | N/A     |
| 3** | 5285.500        | 83.29            | -2.81       | --             | --          | AV       | 63.00          | 100         | Vertical | N/A     |
| 4   | 7682.500        | 53.16            | 0.68        | 74.0           | 20.84       | Peak     | 107.00         | 300         | Vertical | Pass    |
| 4** | 7682.500        | 43.62            | 0.68        | 54.0           | 10.38       | AV       | 107.00         | 300         | Vertical | Pass    |
| 5   | 11786.937       | 53.30            | -0.16       | 74.0           | 20.70       | Peak     | 116.00         | 200         | Vertical | Pass    |
| 5** | 11786.937       | 43.32            | -0.16       | 54.0           | 10.68       | AV       | 116.00         | 200         | Vertical | Pass    |
| 6   | 16106.325       | 55.15            | 1.80        | 74.0           | 18.85       | Peak     | 280.00         | 200         | Vertical | Pass    |
| 6** | 16106.325       | 45.41            | 1.80        | 54.0           | 8.59        | AV       | 280.00         | 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   | 1613.600        | 38.02            | -16.85      | 74.0           | 35.98       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 1** | 1613.600        | 29.21            | -16.85      | 54.0           | 24.79       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 2   | 4164.250        | 47.27            | -5.46       | 74.0           | 26.73       | Peak     | 18.00          | 300         | Horizontal | Pass    |
| 2** | 4164.250        | 37.14            | -5.46       | 54.0           | 16.86       | AV       | 18.00          | 300         | Horizontal | Pass    |
| 3   | 5306.250        | 96.86            | -2.73       | --             | --          | Peak     | 157.00         | 200         | Horizontal | N/A     |
| 3** | 5306.250        | 89.11            | -2.73       | --             | --          | AV       | 157.00         | 200         | Horizontal | N/A     |
| 4   | 7420.000        | 54.25            | 1.50        | 74.0           | 19.75       | Peak     | 249.00         | 100         | Horizontal | Pass    |
| 4** | 7420.000        | 44.53            | 1.50        | 54.0           | 9.47        | AV       | 249.00         | 100         | Horizontal | Pass    |
| 5   | 12441.012       | 52.43            | 1.05        | 74.0           | 21.57       | Peak     | 121.00         | 100         | Horizontal | Pass    |
| 5** | 12441.012       | 43.43            | 1.05        | 54.0           | 10.57       | AV       | 121.00         | 100         | Horizontal | Pass    |
| 6   | 16068.000       | 54.55            | 1.33        | 74.0           | 19.45       | Peak     | 13.00          | 200         | Horizontal | Pass    |
| 6** | 16068.000       | 45.95            | 1.33        | 54.0           | 8.05        | AV       | 13.00          | 200         | 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   | 1603.000        | 38.87            | -16.86      | 74.0           | 35.13       | Peak     | 144.00         | 200         | Vertical | Pass    |
| 1** | 1603.000        | 29.13            | -16.86      | 54.0           | 24.87       | AV       | 144.00         | 200         | Vertical | Pass    |
| 2   | 4398.250        | 47.44            | -5.08       | 74.0           | 26.56       | Peak     | 249.00         | 100         | Vertical | Pass    |
| 2** | 4398.250        | 37.54            | -5.08       | 54.0           | 16.46       | AV       | 249.00         | 100         | Vertical | Pass    |
| 3   | 5307.000        | 85.19            | -2.89       | --             | --          | Peak     | 31.00          | 100         | Vertical | N/A     |
| 3** | 5307.000        | 76.50            | -2.89       | --             | --          | AV       | 31.00          | 100         | Vertical | N/A     |
| 4   | 7705.000        | 53.67            | 2.03        | 74.0           | 20.33       | Peak     | 57.00          | 200         | Vertical | Pass    |
| 4** | 7705.000        | 45.00            | 2.03        | 54.0           | 9.00        | AV       | 57.00          | 200         | Vertical | Pass    |
| 5   | 11792.874       | 53.14            | -0.15       | 74.0           | 20.86       | Peak     | 317.00         | 150         | Vertical | Pass    |
| 5** | 11792.874       | 43.40            | -0.15       | 54.0           | 10.60       | AV       | 317.00         | 150         | Vertical | Pass    |
| 6   | 15395.213       | 54.56            | 2.91        | 74.0           | 19.44       | Peak     | 121.00         | 100         | Vertical | Pass    |
| 6** | 15395.213       | 44.20            | 2.91        | 54.0           | 9.80        | AV       | 121.00         | 100         | 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   | 1481.300        | 38.61            | -17.01      | 74.0           | 35.39       | Peak     | 37.00          | 200         | Horizontal | Pass    |
| 1** | 1481.300        | 28.18            | -17.01      | 54.0           | 25.82       | AV       | 37.00          | 200         | Horizontal | Pass    |
| 2   | 3818.750        | 46.78            | -6.05       | 74.0           | 27.22       | Peak     | 152.00         | 200         | Horizontal | Pass    |
| 2** | 3818.750        | 36.88            | -6.05       | 54.0           | 17.12       | AV       | 152.00         | 200         | Horizontal | Pass    |
| 3   | 5307.750        | 94.86            | -3.25       | --             | --          | Peak     | 176.00         | 150         | Horizontal | N/A     |
| 3** | 5307.750        | 87.07            | -3.25       | --             | --          | AV       | 176.00         | 150         | Horizontal | N/A     |
| 4   | 7688.500        | 53.41            | 1.01        | 74.0           | 20.59       | Peak     | 105.00         | 100         | Horizontal | Pass    |
| 4** | 7688.500        | 43.32            | 1.01        | 54.0           | 10.68       | AV       | 105.00         | 100         | Horizontal | Pass    |
| 5   | 12422.250       | 52.45            | 1.08        | 74.0           | 21.55       | Peak     | 273.00         | 200         | Horizontal | Pass    |
| 5** | 12422.250       | 43.08            | 1.08        | 54.0           | 10.92       | AV       | 273.00         | 200         | Horizontal | Pass    |
| 6   | 15892.388       | 54.93            | 1.97        | 74.0           | 19.07       | Peak     | 239.00         | 200         | Horizontal | Pass    |
| 6** | 15892.388       | 45.16            | 1.97        | 54.0           | 8.84        | AV       | 239.00         | 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   | 1612.800        | 38.70            | -16.67      | 74.0           | 35.30       | Peak     | 52.00          | 400         | Vertical | Pass    |
| 1** | 1612.800        | 28.99            | -16.67      | 54.0           | 25.01       | AV       | 52.00          | 400         | Vertical | Pass    |
| 2   | 4390.250        | 46.94            | -5.23       | 74.0           | 27.06       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 2** | 4390.250        | 37.25            | -5.23       | 54.0           | 16.75       | AV       | 0.00           | 100         | Vertical | Pass    |
| 3   | 5283.000        | 82.80            | -2.98       | --             | --          | Peak     | 89.00          | 150         | Vertical | N/A     |
| 3** | 5283.000        | 73.71            | -2.98       | --             | --          | AV       | 89.00          | 150         | Vertical | N/A     |
| 4   | 7699.750        | 53.42            | 1.14        | 74.0           | 20.58       | Peak     | 16.00          | 400         | Vertical | Pass    |
| 4** | 7699.750        | 43.65            | 1.14        | 54.0           | 10.35       | AV       | 16.00          | 400         | Vertical | Pass    |
| 5   | 11264.201       | 52.53            | -1.10       | 74.0           | 21.47       | Peak     | 82.00          | 100         | Vertical | Pass    |
| 5** | 11264.201       | 42.68            | -1.10       | 54.0           | 11.32       | AV       | 82.00          | 100         | Vertical | Pass    |
| 6   | 16111.575       | 54.47            | 1.84        | 74.0           | 19.53       | Peak     | 101.00         | 400         | Vertical | Pass    |
| 6** | 16111.575       | 45.65            | 1.84        | 54.0           | 8.35        | AV       | 101.00         | 400         | 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   | 1604.700        | 37.88            | -16.75      | 74.0           | 36.12       | Peak     | 346.00         | 300         | Horizontal | Pass    |
| 1** | 1604.700        | 29.43            | -16.75      | 54.0           | 24.57       | AV       | 346.00         | 300         | Horizontal | Pass    |
| 2   | 4340.750        | 46.59            | -4.79       | 74.0           | 27.41       | Peak     | 82.00          | 300         | Horizontal | Pass    |
| 2** | 4340.750        | 38.72            | -4.79       | 54.0           | 15.28       | AV       | 82.00          | 300         | Horizontal | Pass    |
| 3   | 5494.750        | 101.40           | -2.39       | --             | --          | Peak     | 176.00         | 200         | Horizontal | N/A     |
| 3** | 5494.750        | 93.63            | -2.39       | --             | --          | AV       | 176.00         | 200         | Horizontal | N/A     |
| 4   | 7419.500        | 53.76            | 1.23        | 74.0           | 20.24       | Peak     | 35.00          | 100         | Horizontal | Pass    |
| 4** | 7419.500        | 43.71            | 1.23        | 54.0           | 10.29       | AV       | 35.00          | 100         | Horizontal | Pass    |
| 5   | 12007.338       | 52.70            | 0.37        | 74.0           | 21.30       | Peak     | 75.00          | 200         | Horizontal | Pass    |
| 5** | 12007.338       | 42.44            | 0.37        | 54.0           | 11.56       | AV       | 75.00          | 200         | Horizontal | Pass    |
| 6   | 15916.013       | 54.83            | 1.75        | 74.0           | 19.17       | Peak     | 181.00         | 100         | Horizontal | Pass    |
| 6** | 15916.013       | 44.94            | 1.75        | 54.0           | 9.06        | AV       | 181.00         | 100         | 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   | 1495.800        | 38.78            | -17.05      | 74.0           | 35.22       | Peak     | 31.00          | 300         | Vertical | Pass    |
| 1** | 1495.800        | 29.34            | -17.05      | 54.0           | 24.66       | AV       | 31.00          | 300         | Vertical | Pass    |
| 2   | 4248.000        | 46.91            | -4.47       | 74.0           | 27.09       | Peak     | 222.00         | 400         | Vertical | Pass    |
| 2** | 4248.000        | 37.81            | -4.47       | 54.0           | 16.19       | AV       | 222.00         | 400         | Vertical | Pass    |
| 3   | 5503.000        | 90.01            | -3.13       | --             | --          | Peak     | 346.00         | 200         | Vertical | N/A     |
| 3** | 5503.000        | 81.24            | -3.13       | --             | --          | AV       | 346.00         | 200         | Vertical | N/A     |
| 4   | 7708.250        | 53.02            | 1.90        | 74.0           | 20.98       | Peak     | 122.00         | 200         | Vertical | Pass    |
| 4** | 7708.250        | 45.33            | 1.90        | 54.0           | 8.67        | AV       | 122.00         | 200         | Vertical | Pass    |
| 5   | 12503.474       | 52.26            | 1.42        | 74.0           | 21.74       | Peak     | 2.00           | 150         | Vertical | Pass    |
| 5** | 12503.474       | 43.32            | 1.42        | 54.0           | 10.68       | AV       | 2.00           | 150         | Vertical | Pass    |
| 6   | 16132.838       | 54.40            | 2.01        | 74.0           | 19.60       | Peak     | 43.00          | 200         | Vertical | Pass    |
| 6** | 16132.838       | 45.07            | 2.01        | 54.0           | 8.93        | AV       | 43.00          | 200         | 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   | 1443.200        | 38.44            | -16.85      | 74.0           | 35.56       | Peak     | 190.00         | 100         | Horizontal | Pass    |
| 1** | 1443.200        | 28.49            | -16.85      | 54.0           | 25.51       | AV       | 190.00         | 100         | Horizontal | Pass    |
| 2   | 4289.750        | 47.70            | -4.70       | 74.0           | 26.30       | Peak     | 184.00         | 400         | Horizontal | Pass    |
| 2** | 4289.750        | 37.22            | -4.70       | 54.0           | 16.78       | AV       | 184.00         | 400         | Horizontal | Pass    |
| 3   | 5572.500        | 105.77           | -2.45       | --             | --          | Peak     | 161.00         | 200         | Horizontal | N/A     |
| 3** | 5572.500        | 97.93            | -2.45       | --             | --          | AV       | 161.00         | 200         | Horizontal | N/A     |
| 4   | 7662.500        | 53.25            | 0.99        | 74.0           | 20.75       | Peak     | 93.00          | 400         | Horizontal | Pass    |
| 4** | 7662.500        | 43.15            | 0.99        | 54.0           | 10.85       | AV       | 93.00          | 400         | Horizontal | Pass    |
| 5   | 11774.349       | 52.56            | -0.17       | 74.0           | 21.44       | Peak     | 18.00          | 150         | Horizontal | Pass    |
| 5** | 11774.349       | 43.01            | -0.17       | 54.0           | 10.99       | AV       | 18.00          | 150         | Horizontal | Pass    |
| 6   | 16068.787       | 55.64            | 1.34        | 74.0           | 18.36       | Peak     | 234.00         | 400         | Horizontal | Pass    |
| 6** | 16068.787       | 45.09            | 1.34        | 54.0           | 8.91        | AV       | 234.00         | 400         | 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   | 1504.800        | 38.55            | -16.95      | 74.0           | 35.45       | Peak     | 44.00          | 100         | Vertical | Pass    |
| 1** | 1504.800        | 28.85            | -16.95      | 54.0           | 25.15       | AV       | 44.00          | 100         | Vertical | Pass    |
| 2   | 4160.250        | 46.83            | -5.79       | 74.0           | 27.17       | Peak     | 6.00           | 400         | Vertical | Pass    |
| 2** | 4160.250        | 36.74            | -5.79       | 54.0           | 17.26       | AV       | 6.00           | 400         | Vertical | Pass    |
| 3   | 5574.250        | 95.22            | -2.38       | --             | --          | Peak     | 0.00           | 150         | Vertical | N/A     |
| 3** | 5574.250        | 87.21            | -2.38       | --             | --          | AV       | 0.00           | 150         | Vertical | N/A     |
| 4   | 7707.250        | 53.35            | 1.56        | 74.0           | 20.65       | Peak     | 167.00         | 300         | Vertical | Pass    |
| 4** | 7707.250        | 44.46            | 1.56        | 54.0           | 9.54        | AV       | 167.00         | 300         | Vertical | Pass    |
| 5   | 12501.100       | 52.38            | 1.43        | 74.0           | 21.62       | Peak     | 52.00          | 100         | Vertical | Pass    |
| 5** | 12501.100       | 43.00            | 1.43        | 54.0           | 11.00       | AV       | 52.00          | 100         | Vertical | Pass    |
| 6   | 15886.349       | 54.86            | 1.92        | 74.0           | 19.14       | Peak     | 347.00         | 100         | Vertical | Pass    |
| 6** | 15886.349       | 45.48            | 1.92        | 54.0           | 8.52        | AV       | 347.00         | 100         | 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   | 1449.400        | 37.92            | -16.93      | 74.0           | 36.08       | Peak     | 240.00         | 400         | Horizontal | Pass    |
| 1** | 1449.400        | 28.76            | -16.93      | 54.0           | 25.24       | AV       | 240.00         | 400         | Horizontal | Pass    |
| 2   | 4262.000        | 46.80            | -4.53       | 74.0           | 27.20       | Peak     | 298.00         | 200         | Horizontal | Pass    |
| 2** | 4262.000        | 38.44            | -4.53       | 54.0           | 15.56       | AV       | 298.00         | 200         | Horizontal | Pass    |
| 3   | 5703.750        | 97.52            | -2.35       | --             | --          | Peak     | 158.00         | 200         | Horizontal | N/A     |
| 3** | 5703.750        | 90.03            | -2.35       | --             | --          | AV       | 158.00         | 200         | Horizontal | N/A     |
| 4   | 7674.250        | 54.19            | 0.76        | 74.0           | 19.81       | Peak     | 183.00         | 300         | Horizontal | Pass    |
| 4** | 7674.250        | 44.10            | 0.76        | 54.0           | 9.90        | AV       | 183.00         | 300         | Horizontal | Pass    |
| 5   | 11757.013       | 52.60            | -0.19       | 74.0           | 21.40       | Peak     | 352.00         | 150         | Horizontal | Pass    |
| 5** | 11757.013       | 43.32            | -0.19       | 54.0           | 10.68       | AV       | 352.00         | 150         | Horizontal | Pass    |
| 6   | 16123.650       | 54.81            | 1.94        | 74.0           | 19.19       | Peak     | 23.00          | 400         | Horizontal | Pass    |
| 6** | 16123.650       | 45.81            | 1.94        | 54.0           | 8.19        | AV       | 23.00          | 400         | 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   | 1600.300        | 38.26            | -17.10      | 74.0           | 35.74       | Peak     | 4.00           | 100         | Vertical | Pass    |
| 1** | 1600.300        | 28.73            | -17.10      | 54.0           | 25.27       | AV       | 4.00           | 100         | Vertical | Pass    |
| 2   | 4262.500        | 47.22            | -4.38       | 74.0           | 26.78       | Peak     | 217.00         | 400         | Vertical | Pass    |
| 2** | 4262.500        | 37.36            | -4.38       | 54.0           | 16.64       | AV       | 217.00         | 400         | Vertical | Pass    |
| 3   | 5696.500        | 87.60            | -2.40       | --             | --          | Peak     | 344.00         | 150         | Vertical | N/A     |
| 3** | 5696.500        | 79.44            | -2.40       | --             | --          | AV       | 344.00         | 150         | Vertical | N/A     |
| 4   | 7701.500        | 53.26            | 1.29        | 74.0           | 20.74       | Peak     | 0.00           | 400         | Vertical | Pass    |
| 4** | 7701.500        | 43.79            | 1.29        | 54.0           | 10.21       | AV       | 0.00           | 400         | Vertical | Pass    |
| 5   | 12216.575       | 52.82            | 0.64        | 74.0           | 21.18       | Peak     | 297.00         | 100         | Vertical | Pass    |
| 5** | 12216.575       | 42.79            | 0.64        | 54.0           | 11.21       | AV       | 297.00         | 100         | Vertical | Pass    |
| 6   | 16114.987       | 54.63            | 1.87        | 74.0           | 19.37       | Peak     | 45.00          | 200         | Vertical | Pass    |
| 6** | 16114.987       | 45.14            | 1.87        | 54.0           | 8.86        | AV       | 45.00          | 200         | 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   | 1612.300        | 38.59            | -16.85      | 74.0           | 35.41       | Peak     | 237.00         | 200         | Horizontal | Pass    |
| 1** | 1612.300        | 29.27            | -16.85      | 54.0           | 24.73       | AV       | 237.00         | 200         | Horizontal | Pass    |
| 2   | 4265.750        | 46.88            | -4.92       | 74.0           | 27.12       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 2** | 4265.750        | 37.73            | -4.92       | 54.0           | 16.27       | AV       | 0.00           | 100         | Horizontal | Pass    |
| 3   | 5492.750        | 99.42            | -2.35       | --             | --          | Peak     | 179.00         | 200         | Horizontal | N/A     |
| 3** | 5492.750        | 92.22            | -2.35       | --             | --          | AV       | 179.00         | 200         | Horizontal | N/A     |
| 4   | 7704.500        | 53.47            | 1.93        | 74.0           | 20.53       | Peak     | 273.00         | 400         | Horizontal | Pass    |
| 4** | 7704.500        | 45.00            | 1.93        | 54.0           | 9.00        | AV       | 273.00         | 400         | Horizontal | Pass    |
| 5   | 12258.612       | 52.86            | 1.01        | 74.0           | 21.14       | Peak     | 188.00         | 150         | Horizontal | Pass    |
| 5** | 12258.612       | 43.61            | 1.01        | 54.0           | 10.39       | AV       | 188.00         | 150         | Horizontal | Pass    |
| 6   | 16081.651       | 54.62            | 1.51        | 74.0           | 19.38       | Peak     | 106.00         | 100         | Horizontal | Pass    |
| 6** | 16081.651       | 45.52            | 1.51        | 54.0           | 8.48        | AV       | 106.00         | 100         | 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   | 1613.000        | 38.56            | -16.60      | 74.0           | 35.44       | Peak     | 101.00         | 400         | Vertical | Pass    |
| 1** | 1613.000        | 29.90            | -16.60      | 54.0           | 24.10       | AV       | 101.00         | 400         | Vertical | Pass    |
| 2   | 4266.250        | 47.08            | -4.89       | 74.0           | 26.92       | Peak     | 20.00          | 200         | Vertical | Pass    |
| 2** | 4266.250        | 38.42            | -4.89       | 54.0           | 15.58       | AV       | 20.00          | 200         | Vertical | Pass    |
| 3   | 5494.500        | 88.11            | -2.43       | --             | --          | Peak     | 339.00         | 200         | Vertical | N/A     |
| 3** | 5494.500        | 80.08            | -2.43       | --             | --          | AV       | 339.00         | 200         | Vertical | N/A     |
| 4   | 7704.750        | 53.79            | 2.00        | 74.0           | 20.21       | Peak     | 69.00          | 100         | Vertical | Pass    |
| 4** | 7704.750        | 45.20            | 2.00        | 54.0           | 8.80        | AV       | 69.00          | 100         | Vertical | Pass    |
| 5   | 11604.062       | 52.11            | -0.67       | 74.0           | 21.89       | Peak     | 331.00         | 100         | Vertical | Pass    |
| 5** | 11604.062       | 42.41            | -0.67       | 54.0           | 11.59       | AV       | 331.00         | 100         | Vertical | Pass    |
| 6   | 16130.213       | 54.38            | 1.99        | 74.0           | 19.62       | Peak     | 312.00         | 400         | Vertical | Pass    |
| 6** | 16130.213       | 44.91            | 1.99        | 54.0           | 9.09        | AV       | 312.00         | 400         | 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   | 1599.900        | 38.56            | -16.70      | 74.0           | 35.44       | Peak     | 251.00         | 200         | Horizontal | Pass    |
| 1** | 1599.900        | 29.59            | -16.70      | 54.0           | 24.41       | AV       | 251.00         | 200         | Horizontal | Pass    |
| 2   | 4387.000        | 47.87            | -4.61       | 74.0           | 26.13       | Peak     | 25.00          | 400         | Horizontal | Pass    |
| 2** | 4387.000        | 38.71            | -4.61       | 54.0           | 15.29       | AV       | 25.00          | 400         | Horizontal | Pass    |
| 3   | 5577.000        | 105.75           | -1.99       | --             | --          | Peak     | 164.00         | 200         | Horizontal | N/A     |
| 3** | 5577.000        | 98.37            | -1.99       | --             | --          | AV       | 164.00         | 200         | Horizontal | N/A     |
| 4   | 7704.000        | 53.12            | 1.37        | 74.0           | 20.88       | Peak     | 207.00         | 100         | Horizontal | Pass    |
| 4** | 7704.000        | 43.97            | 1.37        | 54.0           | 10.03       | AV       | 207.00         | 100         | Horizontal | Pass    |
| 5   | 11746.326       | 52.36            | -0.22       | 74.0           | 21.64       | Peak     | 128.00         | 150         | Horizontal | Pass    |
| 5** | 11746.326       | 42.63            | -0.22       | 54.0           | 11.37       | AV       | 128.00         | 150         | Horizontal | Pass    |
| 6   | 16069.838       | 55.34            | 1.35        | 74.0           | 18.66       | Peak     | 188.00         | 300         | Horizontal | Pass    |
| 6** | 16069.838       | 44.91            | 1.35        | 54.0           | 9.09        | AV       | 188.00         | 300         | 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   | 1489.200        | 38.38            | -17.02      | 74.0           | 35.62       | Peak     | 26.00          | 400         | Vertical | Pass    |
| 1** | 1489.200        | 28.97            | -17.02      | 54.0           | 25.03       | AV       | 26.00          | 400         | Vertical | Pass    |
| 2   | 4319.750        | 46.37            | -5.08       | 74.0           | 27.63       | Peak     | 130.00         | 400         | Vertical | Pass    |
| 2** | 4319.750        | 37.91            | -5.08       | 54.0           | 16.09       | AV       | 130.00         | 400         | Vertical | Pass    |
| 3   | 5577.000        | 95.19            | -1.99       | --             | --          | Peak     | 341.00         | 200         | Vertical | N/A     |
| 3** | 5577.000        | 88.06            | -1.99       | --             | --          | AV       | 341.00         | 200         | Vertical | N/A     |
| 4   | 7356.500        | 53.41            | 0.60        | 74.0           | 20.59       | Peak     | 82.00          | 100         | Vertical | Pass    |
| 4** | 7356.500        | 44.26            | 0.60        | 54.0           | 9.74        | AV       | 82.00          | 100         | Vertical | Pass    |
| 5   | 11692.174       | 52.29            | -0.65       | 74.0           | 21.71       | Peak     | 178.00         | 100         | Vertical | Pass    |
| 5** | 11692.174       | 44.11            | -0.65       | 54.0           | 9.89        | AV       | 178.00         | 100         | Vertical | Pass    |
| 6   | 15925.200       | 54.72            | 1.59        | 74.0           | 19.28       | Peak     | 334.00         | 300         | Vertical | Pass    |
| 6** | 15925.200       | 44.84            | 1.59        | 54.0           | 9.16        | AV       | 334.00         | 300         | 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   | 1511.400        | 38.35            | -16.81      | 74.0           | 35.65       | Peak     | 343.00         | 400         | Horizontal | Pass    |
| 1** | 1511.400        | 28.91            | -16.81      | 54.0           | 25.09       | AV       | 343.00         | 400         | Horizontal | Pass    |
| 2   | 3957.500        | 46.67            | -6.09       | 74.0           | 27.33       | Peak     | 110.00         | 400         | Horizontal | Pass    |
| 2** | 3957.500        | 35.99            | -6.09       | 54.0           | 18.01       | AV       | 110.00         | 400         | Horizontal | Pass    |
| 3   | 5696.500        | 97.96            | -2.40       | --             | --          | Peak     | 134.00         | 100         | Horizontal | N/A     |
| 3** | 5696.500        | 90.32            | -2.40       | --             | --          | AV       | 134.00         | 100         | Horizontal | N/A     |
| 4   | 7593.250        | 53.17            | 0.96        | 74.0           | 20.83       | Peak     | 180.00         | 400         | Horizontal | Pass    |
| 4** | 7593.250        | 43.62            | 0.96        | 54.0           | 10.38       | AV       | 180.00         | 400         | Horizontal | Pass    |
| 5   | 11954.612       | 52.66            | -0.52       | 74.0           | 21.34       | Peak     | 26.00          | 100         | Horizontal | Pass    |
| 5** | 11954.612       | 42.59            | -0.52       | 54.0           | 11.41       | AV       | 26.00          | 100         | Horizontal | Pass    |
| 6   | 16122.338       | 54.58            | 1.93        | 74.0           | 19.42       | Peak     | 288.00         | 200         | Horizontal | Pass    |
| 6** | 16122.338       | 45.73            | 1.93        | 54.0           | 8.27        | AV       | 288.00         | 200         | 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   | 1597.400        | 38.50            | -16.90      | 74.0           | 35.50       | Peak     | 69.00          | 100         | Vertical | Pass    |
| 1** | 1597.400        | 28.43            | -16.90      | 54.0           | 25.57       | AV       | 69.00          | 100         | Vertical | Pass    |
| 2   | 4287.000        | 46.93            | -4.67       | 74.0           | 27.07       | Peak     | 264.00         | 200         | Vertical | Pass    |
| 2** | 4287.000        | 37.91            | -4.67       | 54.0           | 16.09       | AV       | 264.00         | 200         | Vertical | Pass    |
| 3   | 5693.000        | 87.05            | -2.52       | --             | --          | Peak     | 344.00         | 150         | Vertical | N/A     |
| 3** | 5693.000        | 79.46            | -2.52       | --             | --          | AV       | 344.00         | 150         | Vertical | N/A     |
| 4   | 7421.500        | 53.25            | 1.19        | 74.0           | 20.75       | Peak     | 84.00          | 400         | Vertical | Pass    |
| 4** | 7421.500        | 44.72            | 1.19        | 54.0           | 9.28        | AV       | 84.00          | 400         | Vertical | Pass    |
| 5   | 11741.575       | 52.64            | -0.25       | 74.0           | 21.36       | Peak     | 11.00          | 200         | Vertical | Pass    |
| 5** | 11741.575       | 42.65            | -0.25       | 54.0           | 11.35       | AV       | 11.00          | 200         | Vertical | Pass    |
| 6   | 15911.026       | 55.44            | 1.84        | 74.0           | 18.56       | Peak     | 127.00         | 400         | Vertical | Pass    |
| 6** | 15911.026       | 45.44            | 1.84        | 54.0           | 8.56        | AV       | 127.00         | 400         | 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   | 1530.100        | 38.89            | -16.80      | 74.0           | 35.11       | Peak     | 174.00         | 400         | Horizontal | Pass    |
| 1** | 1530.100        | 29.52            | -16.80      | 54.0           | 24.48       | AV       | 174.00         | 400         | Horizontal | Pass    |
| 2   | 4300.500        | 46.92            | -5.17       | 74.0           | 27.08       | Peak     | 84.00          | 100         | Horizontal | Pass    |
| 2** | 4300.500        | 37.71            | -5.17       | 54.0           | 16.29       | AV       | 84.00          | 100         | Horizontal | Pass    |
| 3   | 5512.250        | 90.63            | -3.11       | --             | --          | Peak     | 149.00         | 150         | Horizontal | N/A     |
| 3** | 5512.250        | 82.45            | -3.11       | --             | --          | AV       | 149.00         | 150         | Horizontal | N/A     |
| 4   | 7688.750        | 53.13            | 1.01        | 74.0           | 20.87       | Peak     | 20.00          | 300         | Horizontal | Pass    |
| 4** | 7688.750        | 44.47            | 1.01        | 54.0           | 9.53        | AV       | 20.00          | 300         | Horizontal | Pass    |
| 5   | 11759.150       | 53.43            | -0.19       | 74.0           | 20.57       | Peak     | 349.00         | 150         | Horizontal | Pass    |
| 5** | 11759.150       | 42.47            | -0.19       | 54.0           | 11.53       | AV       | 349.00         | 150         | Horizontal | Pass    |
| 6   | 15881.362       | 54.21            | 1.88        | 74.0           | 19.79       | Peak     | 59.00          | 200         | Horizontal | Pass    |
| 6** | 15881.362       | 44.55            | 1.88        | 54.0           | 9.45        | AV       | 59.00          | 200         | 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   | 1593.900        | 38.20            | -16.88      | 74.0           | 35.80       | Peak     | 185.00         | 200         | Vertical | Pass    |
| 1** | 1593.900        | 29.26            | -16.88      | 54.0           | 24.74       | AV       | 185.00         | 200         | Vertical | Pass    |
| 2   | 4258.500        | 47.34            | -4.26       | 74.0           | 26.66       | Peak     | 35.00          | 200         | Vertical | Pass    |
| 2** | 4258.500        | 38.31            | -4.26       | 54.0           | 15.69       | AV       | 35.00          | 200         | Vertical | Pass    |
| 3   | 5494.500        | 79.27            | -2.43       | --             | --          | Peak     | 35.00          | 100         | Vertical | N/A     |
| 3** | 5494.500        | 71.23            | -2.43       | --             | --          | AV       | 35.00          | 100         | Vertical | N/A     |
| 4   | 7710.500        | 53.36            | 1.96        | 74.0           | 20.64       | Peak     | 94.00          | 400         | Vertical | Pass    |
| 4** | 7710.500        | 45.52            | 1.96        | 54.0           | 8.48        | AV       | 94.00          | 400         | Vertical | Pass    |
| 5   | 11701.200       | 52.24            | -0.51       | 74.0           | 21.76       | Peak     | 220.00         | 200         | Vertical | Pass    |
| 5** | 11701.200       | 42.66            | -0.51       | 54.0           | 11.34       | AV       | 220.00         | 200         | Vertical | Pass    |
| 6   | 16087.162       | 54.88            | 1.58        | 74.0           | 19.12       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 6** | 16087.162       | 44.95            | 1.58        | 54.0           | 9.05        | AV       | 360.00         | 100         | 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   | 1515.700        | 38.36            | -16.95      | 74.0           | 35.64       | Peak     | 201.00         | 300         | Horizontal | Pass    |
| 1** | 1515.700        | 29.71            | -16.95      | 54.0           | 24.29       | AV       | 201.00         | 300         | Horizontal | Pass    |
| 2   | 4384.750        | 47.00            | -5.29       | 74.0           | 27.00       | Peak     | 40.00          | 100         | Horizontal | Pass    |
| 2** | 4384.750        | 37.51            | -5.29       | 54.0           | 16.49       | AV       | 40.00          | 100         | Horizontal | Pass    |
| 3   | 5592.000        | 102.88           | -2.21       | --             | --          | Peak     | 186.00         | 150         | Horizontal | N/A     |
| 3** | 5592.000        | 95.09            | -2.21       | --             | --          | AV       | 186.00         | 150         | Horizontal | N/A     |
| 4   | 7656.000        | 53.11            | 1.21        | 74.0           | 20.89       | Peak     | 280.00         | 300         | Horizontal | Pass    |
| 4** | 7656.000        | 43.28            | 1.21        | 54.0           | 10.72       | AV       | 280.00         | 300         | Horizontal | Pass    |
| 5   | 12175.013       | 52.20            | 0.19        | 74.0           | 21.80       | Peak     | 273.00         | 200         | Horizontal | Pass    |
| 5** | 12175.013       | 42.65            | 0.19        | 54.0           | 11.35       | AV       | 273.00         | 200         | Horizontal | Pass    |
| 6   | 16046.213       | 54.45            | 1.10        | 74.0           | 19.55       | Peak     | 19.00          | 300         | Horizontal | Pass    |
| 6** | 16046.213       | 44.49            | 1.10        | 54.0           | 9.51        | AV       | 19.00          | 300         | 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   | 1602.100        | 38.13            | -16.98      | 74.0           | 35.87       | Peak     | 16.00          | 400         | Vertical | Pass    |
| 1** | 1602.100        | 29.71            | -16.98      | 54.0           | 24.29       | AV       | 16.00          | 400         | Vertical | Pass    |
| 2   | 4184.500        | 46.47            | -5.25       | 74.0           | 27.53       | Peak     | 312.00         | 100         | Vertical | Pass    |
| 2** | 4184.500        | 37.94            | -5.25       | 54.0           | 16.06       | AV       | 312.00         | 100         | Vertical | Pass    |
| 3   | 5582.750        | 93.83            | -2.23       | --             | --          | Peak     | 358.00         | 100         | Vertical | N/A     |
| 3** | 5582.750        | 84.58            | -2.23       | --             | --          | AV       | 358.00         | 100         | Vertical | N/A     |
| 4   | 7331.500        | 53.96            | -0.08       | 74.0           | 20.04       | Peak     | 45.00          | 400         | Vertical | Pass    |
| 4** | 7331.500        | 43.87            | -0.08       | 54.0           | 10.13       | AV       | 45.00          | 400         | Vertical | Pass    |
| 5   | 11834.675       | 53.13            | -0.55       | 74.0           | 20.87       | Peak     | 227.00         | 100         | Vertical | Pass    |
| 5** | 11834.675       | 41.83            | -0.55       | 54.0           | 12.17       | AV       | 227.00         | 100         | Vertical | Pass    |
| 6   | 15896.588       | 54.27            | 2.00        | 74.0           | 19.73       | Peak     | 207.00         | 400         | Vertical | Pass    |
| 6** | 15896.588       | 44.86            | 2.00        | 54.0           | 9.14        | AV       | 207.00         | 400         | 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   | 1512.300        | 38.65            | -16.41      | 74.0           | 35.35       | Peak     | 258.00         | 100         | Horizontal | Pass    |
| 1** | 1512.300        | 29.15            | -16.41      | 54.0           | 24.85       | AV       | 258.00         | 100         | Horizontal | Pass    |
| 2   | 4254.750        | 46.46            | -4.18       | 74.0           | 27.54       | Peak     | 96.00          | 100         | Horizontal | Pass    |
| 2** | 4254.750        | 37.73            | -4.18       | 54.0           | 16.27       | AV       | 96.00          | 100         | Horizontal | Pass    |
| 3   | 5653.750        | 97.87            | -2.21       | --             | --          | Peak     | 169.00         | 100         | Horizontal | N/A     |
| 3** | 5653.750        | 89.93            | -2.21       | --             | --          | AV       | 169.00         | 100         | Horizontal | N/A     |
| 4   | 7515.000        | 53.25            | 0.03        | 74.0           | 20.75       | Peak     | 25.00          | 300         | Horizontal | Pass    |
| 4** | 7515.000        | 43.31            | 0.03        | 54.0           | 10.69       | AV       | 25.00          | 300         | Horizontal | Pass    |
| 5   | 11676.738       | 52.52            | -0.90       | 74.0           | 21.48       | Peak     | 206.00         | 100         | Horizontal | Pass    |
| 5** | 11676.738       | 43.14            | -0.90       | 54.0           | 10.86       | AV       | 206.00         | 100         | Horizontal | Pass    |
| 6   | 16137.825       | 54.11            | 2.05        | 74.0           | 19.89       | Peak     | 89.00          | 300         | Horizontal | Pass    |
| 6** | 16137.825       | 45.29            | 2.05        | 54.0           | 8.71        | AV       | 89.00          | 300         | 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   | 1603.900        | 38.40            | -16.81      | 74.0           | 35.60       | Peak     | 221.00         | 300         | Vertical | Pass    |
| 1** | 1603.900        | 29.17            | -16.81      | 54.0           | 24.83       | AV       | 221.00         | 300         | Vertical | Pass    |
| 2   | 4256.250        | 46.83            | -4.17       | 74.0           | 27.17       | Peak     | 354.00         | 300         | Vertical | Pass    |
| 2** | 4256.250        | 37.70            | -4.17       | 54.0           | 16.30       | AV       | 354.00         | 300         | Vertical | Pass    |
| 3   | 5665.500        | 88.95            | -2.45       | --             | --          | Peak     | 354.00         | 200         | Vertical | N/A     |
| 3** | 5665.500        | 80.62            | -2.45       | --             | --          | AV       | 354.00         | 200         | Vertical | N/A     |
| 4   | 7674.250        | 53.18            | 0.76        | 74.0           | 20.82       | Peak     | 108.00         | 100         | Vertical | Pass    |
| 4** | 7674.250        | 43.53            | 0.76        | 54.0           | 10.47       | AV       | 108.00         | 100         | Vertical | Pass    |
| 5   | 11596.701       | 52.65            | -0.65       | 74.0           | 21.35       | Peak     | 360.00         | 150         | Vertical | Pass    |
| 5** | 11596.701       | 43.66            | -0.65       | 54.0           | 10.34       | AV       | 360.00         | 150         | Vertical | Pass    |
| 6   | 16134.412       | 54.12            | 2.03        | 74.0           | 19.88       | Peak     | 161.00         | 100         | Vertical | Pass    |
| 6** | 16134.412       | 46.21            | 2.03        | 54.0           | 7.79        | AV       | 161.00         | 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   | 1604.700        | 38.22            | -16.75      | 74.0           | 35.78       | Peak     | 128.00         | 400         | Horizontal | Pass    |
| 1** | 1604.700        | 29.23            | -16.75      | 54.0           | 24.77       | AV       | 128.00         | 400         | Horizontal | Pass    |
| 2   | 4119.250        | 46.98            | -5.54       | 74.0           | 27.02       | Peak     | 317.00         | 100         | Horizontal | Pass    |
| 2** | 4119.250        | 37.01            | -5.54       | 54.0           | 16.99       | AV       | 317.00         | 100         | Horizontal | Pass    |
| 3   | 5496.000        | 100.20           | -2.44       | --             | --          | Peak     | 152.00         | 100         | Horizontal | N/A     |
| 3** | 5496.000        | 91.41            | -2.44       | --             | --          | AV       | 152.00         | 100         | Horizontal | N/A     |
| 4   | 7423.000        | 53.05            | 1.54        | 74.0           | 20.95       | Peak     | 293.00         | 100         | Horizontal | Pass    |
| 4** | 7423.000        | 44.94            | 1.54        | 54.0           | 9.06        | AV       | 293.00         | 100         | Horizontal | Pass    |
| 5   | 11507.875       | 52.06            | -0.69       | 74.0           | 21.94       | Peak     | 11.00          | 150         | Horizontal | Pass    |
| 5** | 11507.875       | 42.43            | -0.69       | 54.0           | 11.57       | AV       | 11.00          | 150         | Horizontal | Pass    |
| 6   | 15649.313       | 54.38            | 2.13        | 74.0           | 19.62       | Peak     | 305.00         | 100         | Horizontal | Pass    |
| 6** | 15649.313       | 45.68            | 2.13        | 54.0           | 8.32        | AV       | 305.00         | 100         | 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   | 1499.500        | 39.07            | -16.95      | 74.0           | 34.93       | Peak     | 112.00         | 300         | Vertical | Pass    |
| 1** | 1499.500        | 28.26            | -16.95      | 54.0           | 25.74       | AV       | 112.00         | 300         | Vertical | Pass    |
| 2   | 4265.750        | 46.70            | -4.92       | 74.0           | 27.30       | Peak     | 116.00         | 300         | Vertical | Pass    |
| 2** | 4265.750        | 37.79            | -4.92       | 54.0           | 16.21       | AV       | 116.00         | 300         | Vertical | Pass    |
| 3   | 5492.750        | 88.32            | -2.35       | --             | --          | Peak     | 360.00         | 100         | Vertical | N/A     |
| 3** | 5492.750        | 80.29            | -2.35       | --             | --          | AV       | 360.00         | 100         | Vertical | N/A     |
| 4   | 7467.750        | 53.33            | 0.15        | 74.0           | 20.67       | Peak     | 69.00          | 200         | Vertical | Pass    |
| 4** | 7467.750        | 43.06            | 0.15        | 54.0           | 10.94       | AV       | 69.00          | 200         | Vertical | Pass    |
| 5   | 11527.588       | 53.02            | -0.95       | 74.0           | 20.98       | Peak     | 245.00         | 150         | Vertical | Pass    |
| 5** | 11527.588       | 43.21            | -0.95       | 54.0           | 10.79       | AV       | 245.00         | 150         | Vertical | Pass    |
| 6   | 15384.974       | 54.51            | 2.79        | 74.0           | 19.49       | Peak     | 106.00         | 200         | Vertical | Pass    |
| 6** | 15384.974       | 44.68            | 2.79        | 54.0           | 9.32        | AV       | 106.00         | 200         | 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   | 1583.100        | 38.01            | -16.86      | 74.0           | 35.99       | Peak     | 256.00         | 400         | Horizontal | Pass    |
| 1** | 1583.100        | 29.00            | -16.86      | 54.0           | 25.00       | AV       | 256.00         | 400         | Horizontal | Pass    |
| 2   | 4381.500        | 46.72            | -5.03       | 74.0           | 27.28       | Peak     | 273.00         | 400         | Horizontal | Pass    |
| 2** | 4381.500        | 37.31            | -5.03       | 54.0           | 16.69       | AV       | 273.00         | 400         | Horizontal | Pass    |
| 3   | 5572.250        | 105.68           | -2.45       | --             | --          | Peak     | 176.00         | 150         | Horizontal | N/A     |
| 3** | 5572.250        | 97.15            | -2.45       | --             | --          | AV       | 176.00         | 150         | Horizontal | N/A     |
| 4   | 7610.250        | 52.98            | 0.20        | 74.0           | 21.02       | Peak     | 319.00         | 400         | Horizontal | Pass    |
| 4** | 7610.250        | 43.17            | 0.20        | 54.0           | 10.83       | AV       | 319.00         | 400         | Horizontal | Pass    |
| 5   | 11679.588       | 52.24            | -0.86       | 74.0           | 21.76       | Peak     | 188.00         | 150         | Horizontal | Pass    |
| 5** | 11679.588       | 43.03            | -0.86       | 54.0           | 10.97       | AV       | 188.00         | 150         | Horizontal | Pass    |
| 6   | 16129.162       | 54.94            | 1.98        | 74.0           | 19.06       | Peak     | 324.00         | 400         | Horizontal | Pass    |
| 6** | 16129.162       | 45.13            | 1.98        | 54.0           | 8.87        | AV       | 324.00         | 400         | 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   | 1446.000        | 38.07            | -17.11      | 74.0           | 35.93       | Peak     | 183.00         | 300         | Vertical | Pass    |
| 1** | 1446.000        | 28.32            | -17.11      | 54.0           | 25.68       | AV       | 183.00         | 300         | Vertical | Pass    |
| 2   | 4303.500        | 46.66            | -5.23       | 74.0           | 27.34       | Peak     | 52.00          | 200         | Vertical | Pass    |
| 2** | 4303.500        | 37.39            | -5.23       | 54.0           | 16.61       | AV       | 52.00          | 200         | Vertical | Pass    |
| 3   | 5572.750        | 96.04            | -2.44       | --             | --          | Peak     | 0.00           | 150         | Vertical | N/A     |
| 3** | 5572.750        | 87.97            | -2.44       | --             | --          | AV       | 0.00           | 150         | Vertical | N/A     |
| 4   | 7702.000        | 53.58            | 1.48        | 74.0           | 20.42       | Peak     | 342.00         | 100         | Vertical | Pass    |
| 4** | 7702.000        | 44.68            | 1.48        | 54.0           | 9.32        | AV       | 342.00         | 100         | Vertical | Pass    |
| 5   | 11757.013       | 53.00            | -0.19       | 74.0           | 21.00       | Peak     | 338.00         | 100         | Vertical | Pass    |
| 5** | 11757.013       | 43.47            | -0.19       | 54.0           | 10.53       | AV       | 338.00         | 100         | Vertical | Pass    |
| 6   | 16187.175       | 54.30            | 1.90        | 74.0           | 19.70       | Peak     | 138.00         | 100         | Vertical | Pass    |
| 6** | 16187.175       | 43.95            | 1.90        | 54.0           | 10.05       | AV       | 138.00         | 100         | 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   | 1513.000        | 38.63            | -16.87      | 74.0           | 35.37       | Peak     | 124.00         | 300         | Horizontal | Pass    |
| 1** | 1513.000        | 29.16            | -16.87      | 54.0           | 24.84       | AV       | 124.00         | 300         | Horizontal | Pass    |
| 2   | 4241.250        | 47.09            | -4.72       | 74.0           | 26.91       | Peak     | 295.00         | 100         | Horizontal | Pass    |
| 2** | 4241.250        | 37.30            | -4.72       | 54.0           | 16.70       | AV       | 295.00         | 100         | Horizontal | Pass    |
| 3   | 5696.750        | 97.84            | -2.29       | --             | --          | Peak     | 144.00         | 150         | Horizontal | N/A     |
| 3** | 5696.750        | 89.92            | -2.29       | --             | --          | AV       | 144.00         | 150         | Horizontal | N/A     |
| 4   | 7581.250        | 53.51            | 0.64        | 74.0           | 20.49       | Peak     | 222.00         | 100         | Horizontal | Pass    |
| 4** | 7581.250        | 44.52            | 0.64        | 54.0           | 9.48        | AV       | 222.00         | 100         | Horizontal | Pass    |
| 5   | 12060.775       | 52.19            | -0.21       | 74.0           | 21.81       | Peak     | 182.00         | 100         | Horizontal | Pass    |
| 5** | 12060.775       | 42.57            | -0.21       | 54.0           | 11.43       | AV       | 182.00         | 100         | Horizontal | Pass    |
| 6   | 16115.512       | 54.67            | 1.88        | 74.0           | 19.33       | Peak     | 190.00         | 300         | Horizontal | Pass    |
| 6** | 16115.512       | 45.89            | 1.88        | 54.0           | 8.11        | AV       | 190.00         | 300         | 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   | 1594.900        | 38.07            | -17.02      | 74.0           | 35.93       | Peak     | 298.00         | 400         | Vertical | Pass    |
| 1** | 1594.900        | 28.55            | -17.02      | 54.0           | 25.45       | AV       | 298.00         | 400         | Vertical | Pass    |
| 2   | 4321.500        | 46.66            | -5.26       | 74.0           | 27.34       | Peak     | 210.00         | 300         | Vertical | Pass    |
| 2** | 4321.500        | 37.05            | -5.26       | 54.0           | 16.95       | AV       | 210.00         | 300         | Vertical | Pass    |
| 3   | 5707.750        | 87.43            | -2.44       | --             | --          | Peak     | 342.00         | 150         | Vertical | N/A     |
| 3** | 5707.750        | 79.66            | -2.44       | --             | --          | AV       | 342.00         | 150         | Vertical | N/A     |
| 4   | 7705.000        | 53.62            | 2.03        | 74.0           | 20.38       | Peak     | 54.00          | 400         | Vertical | Pass    |
| 4** | 7705.000        | 45.11            | 2.03        | 54.0           | 8.89        | AV       | 54.00          | 400         | Vertical | Pass    |
| 5   | 11759.863       | 52.63            | -0.19       | 74.0           | 21.37       | Peak     | 81.00          | 200         | Vertical | Pass    |
| 5** | 11759.863       | 43.99            | -0.19       | 54.0           | 10.01       | AV       | 81.00          | 200         | Vertical | Pass    |
| 6   | 15896.849       | 54.42            | 2.00        | 74.0           | 19.58       | Peak     | 125.00         | 400         | Vertical | Pass    |
| 6** | 15896.849       | 45.20            | 2.00        | 54.0           | 8.80        | AV       | 125.00         | 400         | 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   | 1626.300        | 38.69            | -16.64      | 74.0           | 35.31       | Peak     | 74.00          | 300         | Horizontal | Pass    |
| 1** | 1626.300        | 29.86            | -16.64      | 54.0           | 24.14       | AV       | 74.00          | 300         | Horizontal | Pass    |
| 2   | 4192.250        | 47.12            | -5.36       | 74.0           | 26.88       | Peak     | 176.00         | 100         | Horizontal | Pass    |
| 2** | 4192.250        | 37.46            | -5.36       | 54.0           | 16.54       | AV       | 176.00         | 100         | Horizontal | Pass    |
| 3   | 5494.500        | 90.71            | -2.43       | --             | --          | Peak     | 176.00         | 100         | Horizontal | N/A     |
| 3** | 5494.500        | 82.82            | -2.43       | --             | --          | AV       | 176.00         | 100         | Horizontal | N/A     |
| 4   | 7625.750        | 53.61            | 0.29        | 74.0           | 20.39       | Peak     | 79.00          | 400         | Horizontal | Pass    |
| 4** | 7625.750        | 43.23            | 0.29        | 54.0           | 10.77       | AV       | 79.00          | 400         | Horizontal | Pass    |
| 5   | 12002.113       | 52.63            | 0.44        | 74.0           | 21.37       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 5** | 12002.113       | 42.22            | 0.44        | 54.0           | 11.78       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 6   | 16125.750       | 53.95            | 1.96        | 74.0           | 20.05       | Peak     | 332.00         | 300         | Horizontal | Pass    |
| 6** | 16125.750       | 44.84            | 1.96        | 54.0           | 9.16        | AV       | 332.00         | 300         | 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   | 1474.900        | 38.35            | -17.04      | 74.0           | 35.65       | Peak     | 0.00           | 200         | Vertical | Pass    |
| 1** | 1474.900        | 28.67            | -17.04      | 54.0           | 25.33       | AV       | 0.00           | 200         | Vertical | Pass    |
| 2   | 4249.500        | 46.61            | -4.35       | 74.0           | 27.39       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 2** | 4249.500        | 37.70            | -4.35       | 54.0           | 16.30       | AV       | 0.00           | 100         | Vertical | Pass    |
| 3   | 5507.500        | 79.61            | -3.21       | --             | --          | Peak     | 360.00         | 150         | Vertical | N/A     |
| 3** | 5507.500        | 72.07            | -3.21       | --             | --          | AV       | 360.00         | 150         | Vertical | N/A     |
| 4   | 7708.250        | 53.70            | 1.90        | 74.0           | 20.30       | Peak     | 0.00           | 400         | Vertical | Pass    |
| 4** | 7708.250        | 45.01            | 1.90        | 54.0           | 8.99        | AV       | 0.00           | 400         | Vertical | Pass    |
| 5   | 12263.125       | 52.41            | 0.96        | 74.0           | 21.59       | Peak     | 139.00         | 150         | Vertical | Pass    |
| 5** | 12263.125       | 42.04            | 0.96        | 54.0           | 11.96       | AV       | 139.00         | 150         | Vertical | Pass    |
| 6   | 16092.151       | 54.67            | 1.65        | 74.0           | 19.33       | Peak     | 60.00          | 100         | Vertical | Pass    |
| 6** | 16092.151       | 45.51            | 1.65        | 54.0           | 8.49        | AV       | 60.00          | 100         | 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   | 1608.600        | 38.37            | -17.16      | 74.0           | 35.63       | Peak     | 356.00         | 400         | Horizontal | Pass    |
| 1** | 1608.600        | 28.48            | -17.16      | 54.0           | 25.52       | AV       | 356.00         | 400         | Horizontal | Pass    |
| 2   | 4323.250        | 46.73            | -4.71       | 74.0           | 27.27       | Peak     | 40.00          | 200         | Horizontal | Pass    |
| 2** | 4323.250        | 38.75            | -4.71       | 54.0           | 15.25       | AV       | 40.00          | 200         | Horizontal | Pass    |
| 3   | 5581.000        | 102.68           | -1.98       | --             | --          | Peak     | 197.00         | 200         | Horizontal | N/A     |
| 3** | 5581.000        | 95.36            | -1.98       | --             | --          | AV       | 197.00         | 200         | Horizontal | N/A     |
| 4   | 7703.250        | 53.23            | 1.19        | 74.0           | 20.77       | Peak     | 40.00          | 300         | Horizontal | Pass    |
| 4** | 7703.250        | 43.45            | 1.19        | 54.0           | 10.55       | AV       | 40.00          | 300         | Horizontal | Pass    |
| 5   | 12027.050       | 52.23            | 0.10        | 74.0           | 21.77       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 5** | 12027.050       | 41.71            | 0.10        | 54.0           | 12.29       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 6   | 16181.925       | 54.57            | 1.94        | 74.0           | 19.43       | Peak     | 2.00           | 100         | Horizontal | Pass    |
| 6** | 16181.925       | 43.60            | 1.94        | 54.0           | 10.40       | AV       | 2.00           | 100         | 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   | 1531.700        | 38.80            | -16.85      | 74.0           | 35.20       | Peak     | 3.00           | 200         | Vertical | Pass    |
| 1** | 1531.700        | 29.31            | -16.85      | 54.0           | 24.69       | AV       | 3.00           | 200         | Vertical | Pass    |
| 2   | 4191.250        | 47.07            | -5.59       | 74.0           | 26.93       | Peak     | 351.00         | 400         | Vertical | Pass    |
| 2** | 4191.250        | 37.22            | -5.59       | 54.0           | 16.78       | AV       | 351.00         | 400         | Vertical | Pass    |
| 3   | 5582.500        | 93.45            | -2.11       | --             | --          | Peak     | 351.00         | 200         | Vertical | N/A     |
| 3** | 5582.500        | 84.91            | -2.11       | --             | --          | AV       | 351.00         | 200         | Vertical | N/A     |
| 4   | 7424.000        | 53.74            | 0.98        | 74.0           | 20.26       | Peak     | 65.00          | 400         | Vertical | Pass    |
| 4** | 7424.000        | 43.89            | 0.98        | 54.0           | 10.11       | AV       | 65.00          | 400         | Vertical | Pass    |
| 5   | 11729.463       | 52.44            | -0.33       | 74.0           | 21.56       | Peak     | 356.00         | 150         | Vertical | Pass    |
| 5** | 11729.463       | 42.81            | -0.33       | 54.0           | 11.19       | AV       | 356.00         | 150         | Vertical | Pass    |
| 6   | 16133.363       | 54.49            | 2.02        | 74.0           | 19.51       | Peak     | 266.00         | 100         | Vertical | Pass    |
| 6** | 16133.363       | 46.00            | 2.02        | 54.0           | 8.00        | AV       | 266.00         | 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   | 1452.200        | 37.99            | -16.90      | 74.0           | 36.01       | Peak     | 239.00         | 300         | Horizontal | Pass    |
| 1** | 1452.200        | 28.21            | -16.90      | 54.0           | 25.79       | AV       | 239.00         | 300         | Horizontal | Pass    |
| 2   | 4291.250        | 46.89            | -4.68       | 74.0           | 27.11       | Peak     | 123.00         | 400         | Horizontal | Pass    |
| 2** | 4291.250        | 37.39            | -4.68       | 54.0           | 16.61       | AV       | 123.00         | 400         | Horizontal | Pass    |
| 3   | 5654.750        | 97.57            | -2.21       | --             | --          | Peak     | 164.00         | 150         | Horizontal | N/A     |
| 3** | 5654.750        | 89.75            | -2.21       | --             | --          | AV       | 164.00         | 150         | Horizontal | N/A     |
| 4   | 7676.000        | 54.08            | 0.79        | 74.0           | 19.92       | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 4** | 7676.000        | 44.22            | 0.79        | 54.0           | 9.78        | AV       | 360.00         | 400         | Horizontal | Pass    |
| 5   | 11714.975       | 52.72            | -0.42       | 74.0           | 21.28       | Peak     | 88.00          | 150         | Horizontal | Pass    |
| 5** | 11714.975       | 43.29            | -0.42       | 54.0           | 10.71       | AV       | 88.00          | 150         | Horizontal | Pass    |
| 6   | 15895.537       | 54.40            | 1.99        | 74.0           | 19.60       | Peak     | 67.00          | 100         | Horizontal | Pass    |
| 6** | 15895.537       | 45.47            | 1.99        | 54.0           | 8.53        | AV       | 67.00          | 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   | 1598.800        | 38.41            | -17.15      | 74.0           | 35.59       | Peak     | 133.00         | 300         | Vertical | Pass    |
| 1** | 1598.800        | 28.34            | -17.15      | 54.0           | 25.66       | AV       | 133.00         | 300         | Vertical | Pass    |
| 2   | 4255.750        | 47.23            | -3.94       | 74.0           | 26.77       | Peak     | 18.00          | 300         | Vertical | Pass    |
| 2** | 4255.750        | 37.86            | -3.94       | 54.0           | 16.14       | AV       | 18.00          | 300         | Vertical | Pass    |
| 3   | 5661.500        | 88.71            | -2.36       | --             | --          | Peak     | 358.00         | 150         | Vertical | N/A     |
| 3** | 5661.500        | 80.12            | -2.36       | --             | --          | AV       | 358.00         | 150         | Vertical | N/A     |
| 4   | 7707.750        | 53.58            | 1.53        | 74.0           | 20.42       | Peak     | 242.00         | 200         | Vertical | Pass    |
| 4** | 7707.750        | 45.29            | 1.53        | 54.0           | 8.71        | AV       | 242.00         | 200         | Vertical | Pass    |
| 5   | 12002.588       | 52.50            | 0.43        | 74.0           | 21.50       | Peak     | 65.00          | 100         | Vertical | Pass    |
| 5** | 12002.588       | 43.41            | 0.43        | 54.0           | 10.59       | AV       | 65.00          | 100         | Vertical | Pass    |
| 6   | 16120.237       | 54.69            | 1.91        | 74.0           | 19.31       | Peak     | 19.00          | 200         | Vertical | Pass    |
| 6** | 16120.237       | 46.04            | 1.91        | 54.0           | 7.96        | AV       | 19.00          | 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   | 1549.100        | 38.21            | -17.36      | 74.0           | 35.79       | Peak     | 135.00         | 300         | Horizontal | Pass    |
| 1** | 1549.100        | 28.58            | -17.36      | 54.0           | 25.42       | AV       | 135.00         | 300         | Horizontal | Pass    |
| 2   | 4162.500        | 47.05            | -5.65       | 74.0           | 26.95       | Peak     | 346.00         | 200         | Horizontal | Pass    |
| 2** | 4162.500        | 37.06            | -5.65       | 54.0           | 16.94       | AV       | 346.00         | 200         | Horizontal | Pass    |
| 3   | 5538.500        | 94.80            | -2.52       | --             | --          | Peak     | 200.00         | 100         | Horizontal | N/A     |
| 3** | 5538.500        | 86.34            | -2.52       | --             | --          | AV       | 200.00         | 100         | Horizontal | N/A     |
| 4   | 7711.500        | 53.58            | 1.98        | 74.0           | 20.42       | Peak     | 149.00         | 100         | Horizontal | Pass    |
| 4** | 7711.500        | 45.58            | 1.98        | 54.0           | 8.42        | AV       | 149.00         | 100         | Horizontal | Pass    |
| 5   | 12497.299       | 52.20            | 1.42        | 74.0           | 21.80       | Peak     | 251.00         | 150         | Horizontal | Pass    |
| 5** | 12497.299       | 43.93            | 1.42        | 54.0           | 10.07       | AV       | 251.00         | 150         | Horizontal | Pass    |
| 6   | 15920.474       | 55.57            | 1.67        | 74.0           | 18.43       | Peak     | 133.00         | 200         | Horizontal | Pass    |
| 6** | 15920.474       | 46.58            | 1.67        | 54.0           | 7.42        | AV       | 133.00         | 200         | 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   | 1523.000        | 39.33            | -17.26      | 74.0           | 34.67       | Peak     | 135.00         | 300         | Vertical | Pass    |
| 1** | 1523.000        | 29.31            | -17.26      | 54.0           | 24.69       | AV       | 135.00         | 300         | Vertical | Pass    |
| 2   | 4255.750        | 46.89            | -3.94       | 74.0           | 27.11       | Peak     | 63.00          | 300         | Vertical | Pass    |
| 2** | 4255.750        | 37.86            | -3.94       | 54.0           | 16.14       | AV       | 63.00          | 300         | Vertical | Pass    |
| 3   | 5552.750        | 84.50            | -2.46       | --             | --          | Peak     | 0.00           | 100         | Vertical | N/A     |
| 3** | 5552.750        | 76.18            | -2.46       | --             | --          | AV       | 0.00           | 100         | Vertical | N/A     |
| 4   | 7705.250        | 53.98            | 2.03        | 74.0           | 20.02       | Peak     | 293.00         | 200         | Vertical | Pass    |
| 4** | 7705.250        | 45.02            | 2.03        | 54.0           | 8.98        | AV       | 293.00         | 200         | Vertical | Pass    |
| 5   | 12018.737       | 52.38            | 0.21        | 74.0           | 21.62       | Peak     | 157.00         | 100         | Vertical | Pass    |
| 5** | 12018.737       | 42.68            | 0.21        | 54.0           | 11.32       | AV       | 157.00         | 100         | Vertical | Pass    |
| 6   | 16099.237       | 54.34            | 1.74        | 74.0           | 19.66       | Peak     | 242.00         | 200         | Vertical | Pass    |
| 6** | 16099.237       | 45.20            | 1.74        | 54.0           | 8.80        | AV       | 242.00         | 200         | 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   | 1502.400        | 38.70            | -17.18      | 74.0           | 35.30       | Peak     | 13.00          | 300         | Horizontal | Pass    |
| 1** | 1502.400        | 28.20            | -17.18      | 54.0           | 25.80       | AV       | 13.00          | 300         | Horizontal | Pass    |
| 2   | 4387.000        | 47.49            | -4.61       | 74.0           | 26.51       | Peak     | 226.00         | 300         | Horizontal | Pass    |
| 2** | 4387.000        | 38.21            | -4.61       | 54.0           | 15.79       | AV       | 226.00         | 300         | Horizontal | Pass    |
| 3   | 5634.250        | 98.29            | -2.31       | --             | --          | Peak     | 157.00         | 150         | Horizontal | N/A     |
| 3** | 5634.250        | 90.06            | -2.31       | --             | --          | AV       | 157.00         | 150         | Horizontal | N/A     |
| 4   | 7721.000        | 53.55            | 0.98        | 74.0           | 20.45       | Peak     | 89.00          | 400         | Horizontal | Pass    |
| 4** | 7721.000        | 44.01            | 0.98        | 54.0           | 9.99        | AV       | 89.00          | 400         | Horizontal | Pass    |
| 5   | 11603.350       | 52.21            | -0.66       | 74.0           | 21.79       | Peak     | 317.00         | 100         | Horizontal | Pass    |
| 5** | 11603.350       | 43.03            | -0.66       | 54.0           | 10.97       | AV       | 317.00         | 100         | Horizontal | Pass    |
| 6   | 15906.037       | 54.58            | 1.92        | 74.0           | 19.42       | Peak     | 104.00         | 200         | Horizontal | Pass    |
| 6** | 15906.037       | 45.61            | 1.92        | 54.0           | 8.39        | AV       | 104.00         | 200         | 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   | 1494.100        | 38.24            | -17.12      | 74.0           | 35.76       | Peak     | 0.00           | 300         | Vertical | Pass    |
| 1** | 1494.100        | 28.46            | -17.12      | 54.0           | 25.54       | AV       | 0.00           | 300         | Vertical | Pass    |
| 2   | 4116.750        | 47.01            | -5.89       | 74.0           | 26.99       | Peak     | 116.00         | 400         | Vertical | Pass    |
| 2** | 4116.750        | 36.97            | -5.89       | 54.0           | 17.03       | AV       | 116.00         | 400         | Vertical | Pass    |
| 3   | 5634.000        | 88.87            | -2.34       | --             | --          | Peak     | 359.00         | 200         | Vertical | N/A     |
| 3** | 5634.000        | 82.06            | -2.34       | --             | --          | AV       | 359.00         | 200         | Vertical | N/A     |
| 4   | 7697.750        | 53.63            | 1.01        | 74.0           | 20.37       | Peak     | 55.00          | 200         | Vertical | Pass    |
| 4** | 7697.750        | 44.98            | 1.01        | 54.0           | 9.02        | AV       | 55.00          | 200         | Vertical | Pass    |
| 5   | 12408.950       | 52.87            | 1.09        | 74.0           | 21.13       | Peak     | 307.00         | 200         | Vertical | Pass    |
| 5** | 12408.950       | 43.03            | 1.09        | 54.0           | 10.97       | AV       | 307.00         | 200         | Vertical | Pass    |
| 6   | 16094.513       | 54.95            | 1.68        | 74.0           | 19.05       | Peak     | 330.00         | 200         | Vertical | Pass    |
| 6** | 16094.513       | 45.31            | 1.68        | 54.0           | 8.69        | AV       | 330.00         | 200         | 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   | 1614.500        | 38.57            | -17.10      | 74.0           | 35.43       | Peak     | 334.00         | 200         | Horizontal | Pass    |
| 1** | 1614.500        | 29.81            | -17.10      | 54.0           | 24.19       | AV       | 334.00         | 200         | Horizontal | Pass    |
| 2   | 4221.750        | 47.97            | -4.98       | 74.0           | 26.03       | Peak     | 19.00          | 100         | Horizontal | Pass    |
| 2** | 4221.750        | 37.47            | -4.98       | 54.0           | 16.53       | AV       | 19.00          | 100         | Horizontal | Pass    |
| 3   | 5738.000        | 104.56           | -2.01       | --             | --          | Peak     | 161.00         | 200         | Horizontal | N/A     |
| 3** | 5738.000        | 97.10            | -2.01       | --             | --          | AV       | 161.00         | 200         | Horizontal | N/A     |
| 4   | 7400.000        | 53.47            | -0.05       | 74.0           | 20.53       | Peak     | 352.00         | 400         | Horizontal | Pass    |
| 4** | 7400.000        | 43.41            | -0.05       | 54.0           | 10.59       | AV       | 352.00         | 400         | Horizontal | Pass    |
| 5   | 11761.762       | 52.79            | -0.18       | 74.0           | 21.21       | Peak     | 75.00          | 150         | Horizontal | Pass    |
| 5** | 11761.762       | 42.98            | -0.18       | 54.0           | 11.02       | AV       | 75.00          | 150         | Horizontal | Pass    |
| 6   | 15884.250       | 54.23            | 1.91        | 74.0           | 19.77       | Peak     | 210.00         | 200         | Horizontal | Pass    |
| 6** | 15884.250       | 45.50            | 1.91        | 54.0           | 8.50        | AV       | 210.00         | 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   | 1480.800        | 38.61            | -16.76      | 74.0           | 35.39       | Peak     | 138.00         | 400         | Vertical | Pass    |
| 1** | 1480.800        | 28.93            | -16.76      | 54.0           | 25.07       | AV       | 138.00         | 400         | Vertical | Pass    |
| 2   | 4258.500        | 46.97            | -4.26       | 74.0           | 27.03       | Peak     | 18.00          | 200         | Vertical | Pass    |
| 2** | 4258.500        | 38.93            | -4.26       | 54.0           | 15.07       | AV       | 18.00          | 200         | Vertical | Pass    |
| 3   | 5740.750        | 95.89            | -2.11       | --             | --          | Peak     | 357.00         | 150         | Vertical | N/A     |
| 3** | 5740.750        | 88.20            | -2.11       | --             | --          | AV       | 357.00         | 150         | Vertical | N/A     |
| 4   | 7697.250        | 53.95            | 0.93        | 74.0           | 20.05       | Peak     | 116.00         | 100         | Vertical | Pass    |
| 4** | 7697.250        | 43.86            | 0.93        | 54.0           | 10.14       | AV       | 116.00         | 100         | Vertical | Pass    |
| 5   | 12466.900       | 53.47            | 1.17        | 74.0           | 20.53       | Peak     | 295.00         | 150         | Vertical | Pass    |
| 5** | 12466.900       | 42.76            | 1.17        | 54.0           | 11.24       | AV       | 295.00         | 150         | Vertical | Pass    |
| 6   | 16121.550       | 54.74            | 1.92        | 74.0           | 19.26       | Peak     | 47.00          | 200         | Vertical | Pass    |
| 6** | 16121.550       | 45.94            | 1.92        | 54.0           | 8.06        | AV       | 47.00          | 200         | 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   | 1475.800        | 38.17            | -17.20      | 74.0           | 35.83       | Peak     | 33.00          | 400         | Horizontal | Pass    |
| 1** | 1475.800        | 28.53            | -17.20      | 54.0           | 25.47       | AV       | 33.00          | 400         | Horizontal | Pass    |
| 2   | 4628.250        | 49.54            | -4.59       | 74.0           | 24.46       | Peak     | 167.00         | 150         | Horizontal | Pass    |
| 2** | 4628.250        | 46.50            | -4.59       | 54.0           | 7.50        | AV       | 167.00         | 150         | Horizontal | Pass    |
| 3   | 5778.000        | 105.03           | -2.48       | --             | --          | Peak     | 167.00         | 150         | Horizontal | N/A     |
| 3** | 5778.000        | 96.70            | -2.48       | --             | --          | AV       | 167.00         | 150         | Horizontal | N/A     |
| 4   | 7716.000        | 54.13            | 1.44        | 74.0           | 19.87       | Peak     | 266.00         | 400         | Horizontal | Pass    |
| 4** | 7716.000        | 44.62            | 1.44        | 54.0           | 9.38        | AV       | 266.00         | 400         | Horizontal | Pass    |
| 5   | 11800.475       | 52.89            | -0.15       | 74.0           | 21.11       | Peak     | 115.00         | 150         | Horizontal | Pass    |
| 5** | 11800.475       | 43.53            | -0.15       | 54.0           | 10.47       | AV       | 115.00         | 150         | Horizontal | Pass    |
| 6   | 15687.900       | 54.77            | 1.73        | 74.0           | 19.23       | Peak     | 42.00          | 200         | Horizontal | Pass    |
| 6** | 15687.900       | 44.81            | 1.73        | 54.0           | 9.19        | AV       | 42.00          | 200         | 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   | 1505.300        | 38.76            | -17.03      | 74.0           | 35.24       | Peak     | 295.00         | 100         | Vertical | Pass    |
| 1** | 1505.300        | 28.63            | -17.03      | 54.0           | 25.37       | AV       | 295.00         | 100         | Vertical | Pass    |
| 2   | 4394.750        | 47.38            | -4.64       | 74.0           | 26.62       | Peak     | 239.00         | 100         | Vertical | Pass    |
| 2** | 4394.750        | 38.74            | -4.64       | 54.0           | 15.26       | AV       | 239.00         | 100         | Vertical | Pass    |
| 3   | 5787.000        | 97.19            | -2.45       | --             | --          | Peak     | 359.00         | 150         | Vertical | N/A     |
| 3** | 5787.000        | 89.15            | -2.45       | --             | --          | AV       | 359.00         | 150         | Vertical | N/A     |
| 4   | 7726.500        | 53.51            | 0.63        | 74.0           | 20.49       | Peak     | 360.00         | 300         | Vertical | Pass    |
| 4** | 7726.500        | 43.65            | 0.63        | 54.0           | 10.35       | AV       | 360.00         | 300         | Vertical | Pass    |
| 5   | 12270.488       | 53.05            | 0.88        | 74.0           | 20.95       | Peak     | 73.00          | 100         | Vertical | Pass    |
| 5** | 12270.488       | 43.48            | 0.88        | 54.0           | 10.52       | AV       | 73.00          | 100         | Vertical | Pass    |
| 6   | 16114.201       | 54.49            | 1.86        | 74.0           | 19.51       | Peak     | 106.00         | 300         | Vertical | Pass    |
| 6** | 16114.201       | 46.31            | 1.86        | 54.0           | 7.69        | AV       | 106.00         | 300         | 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   | 1439.700        | 38.37            | -17.15      | 74.0           | 35.63       | Peak     | 339.00         | 200         | Horizontal | Pass    |
| 1** | 1439.700        | 29.06            | -17.15      | 54.0           | 24.94       | AV       | 339.00         | 200         | Horizontal | Pass    |
| 2   | 4660.250        | 51.45            | -4.00       | 74.0           | 22.55       | Peak     | 136.00         | 150         | Horizontal | Pass    |
| 2** | 4660.250        | 47.94            | -4.00       | 54.0           | 6.06        | AV       | 136.00         | 150         | Horizontal | Pass    |
| 3   | 5818.500        | 106.13           | -2.26       | --             | --          | Peak     | 136.00         | 150         | Horizontal | N/A     |
| 3** | 5818.500        | 99.34            | -2.26       | --             | --          | AV       | 136.00         | 150         | Horizontal | N/A     |
| 4   | 7712.000        | 53.60            | 1.91        | 74.0           | 20.40       | Peak     | 341.00         | 200         | Horizontal | Pass    |
| 4** | 7712.000        | 45.37            | 1.91        | 54.0           | 8.63        | AV       | 341.00         | 200         | Horizontal | Pass    |
| 5   | 11782.662       | 52.82            | -0.16       | 74.0           | 21.18       | Peak     | 64.00          | 150         | Horizontal | Pass    |
| 5** | 11782.662       | 43.11            | -0.16       | 54.0           | 10.89       | AV       | 64.00          | 150         | Horizontal | Pass    |
| 6   | 16083.488       | 54.83            | 1.53        | 74.0           | 19.17       | Peak     | 83.00          | 300         | Horizontal | Pass    |
| 6** | 16083.488       | 45.06            | 1.53        | 54.0           | 8.94        | AV       | 83.00          | 300         | 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   | 1512.900        | 38.22            | -16.94      | 74.0           | 35.78       | Peak     | 345.00         | 200         | Vertical | Pass    |
| 1** | 1512.900        | 29.15            | -16.94      | 54.0           | 24.85       | AV       | 345.00         | 200         | Vertical | Pass    |
| 2   | 4314.250        | 47.47            | -4.88       | 74.0           | 26.53       | Peak     | 4.00           | 300         | Vertical | Pass    |
| 2** | 4314.250        | 37.58            | -4.88       | 54.0           | 16.42       | AV       | 4.00           | 300         | Vertical | Pass    |
| 3   | 5820.250        | 97.32            | -2.27       | --             | --          | Peak     | 346.00         | 200         | Vertical | N/A     |
| 3** | 5820.250        | 88.35            | -2.27       | --             | --          | AV       | 346.00         | 200         | Vertical | N/A     |
| 4   | 7710.500        | 53.32            | 1.96        | 74.0           | 20.68       | Peak     | 136.00         | 400         | Vertical | Pass    |
| 4** | 7710.500        | 45.12            | 1.96        | 54.0           | 8.88        | AV       | 136.00         | 400         | Vertical | Pass    |
| 5   | 11253.987       | 52.66            | -0.77       | 74.0           | 21.34       | Peak     | 123.00         | 150         | Vertical | Pass    |
| 5** | 11253.987       | 42.78            | -0.77       | 54.0           | 11.22       | AV       | 123.00         | 150         | Vertical | Pass    |
| 6   | 15657.975       | 54.68            | 2.06        | 74.0           | 19.32       | Peak     | 88.00          | 300         | Vertical | Pass    |
| 6** | 15657.975       | 44.08            | 2.06        | 54.0           | 9.92        | AV       | 88.00          | 300         | 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   | 1436.100        | 38.63            | -17.14      | 74.0           | 35.37       | Peak     | 102.00         | 300         | Horizontal | Pass    |
| 1** | 1436.100        | 29.19            | -17.14      | 54.0           | 24.81       | AV       | 102.00         | 300         | Horizontal | Pass    |
| 2   | 4351.500        | 47.36            | -4.51       | 74.0           | 26.64       | Peak     | 191.00         | 100         | Horizontal | Pass    |
| 2** | 4351.500        | 38.20            | -4.51       | 54.0           | 15.80       | AV       | 191.00         | 100         | Horizontal | Pass    |
| 3   | 5737.000        | 100.99           | -2.19       | --             | --          | Peak     | 166.00         | 200         | Horizontal | N/A     |
| 3** | 5737.000        | 92.89            | -2.19       | --             | --          | AV       | 166.00         | 200         | Horizontal | N/A     |
| 4   | 7689.750        | 53.75            | 1.14        | 74.0           | 20.25       | Peak     | 354.00         | 300         | Horizontal | Pass    |
| 4** | 7689.750        | 44.08            | 1.14        | 54.0           | 9.92        | AV       | 354.00         | 300         | Horizontal | Pass    |
| 5   | 11799.763       | 53.82            | -0.15       | 74.0           | 20.18       | Peak     | 61.00          | 150         | Horizontal | Pass    |
| 5** | 11799.763       | 42.88            | -0.15       | 54.0           | 11.12       | AV       | 61.00          | 150         | Horizontal | Pass    |
| 6   | 15698.925       | 55.21            | 1.61        | 74.0           | 18.79       | Peak     | 156.00         | 100         | Horizontal | Pass    |
| 6** | 15698.925       | 44.18            | 1.61        | 54.0           | 9.82        | AV       | 156.00         | 100         | 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   | 1444.800        | 38.65            | -17.03      | 74.0           | 35.35       | Peak     | 207.00         | 300         | Vertical | Pass    |
| 1** | 1444.800        | 29.82            | -17.03      | 54.0           | 24.18       | AV       | 207.00         | 300         | Vertical | Pass    |
| 2   | 4397.000        | 47.33            | -5.14       | 74.0           | 26.67       | Peak     | 134.00         | 200         | Vertical | Pass    |
| 2** | 4397.000        | 37.71            | -5.14       | 54.0           | 16.29       | AV       | 134.00         | 200         | Vertical | Pass    |
| 3   | 5741.000        | 92.97            | -2.12       | --             | --          | Peak     | 360.00         | 100         | Vertical | N/A     |
| 3** | 5741.000        | 84.72            | -2.12       | --             | --          | AV       | 360.00         | 100         | Vertical | N/A     |
| 4   | 7710.250        | 53.20            | 1.90        | 74.0           | 20.80       | Peak     | 341.00         | 200         | Vertical | Pass    |
| 4** | 7710.250        | 45.51            | 1.90        | 54.0           | 8.49        | AV       | 341.00         | 200         | Vertical | Pass    |
| 5   | 12441.962       | 52.52            | 1.05        | 74.0           | 21.48       | Peak     | 54.00          | 100         | Vertical | Pass    |
| 5** | 12441.962       | 44.13            | 1.05        | 54.0           | 9.87        | AV       | 54.00          | 100         | Vertical | Pass    |
| 6   | 15657.975       | 55.64            | 2.06        | 74.0           | 18.36       | Peak     | 13.00          | 200         | Vertical | Pass    |
| 6** | 15657.975       | 45.21            | 2.06        | 54.0           | 8.79        | AV       | 13.00          | 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   | 1523.600        | 38.23            | -17.28      | 74.0           | 35.77       | Peak     | 173.00         | 400         | Horizontal | Pass    |
| 1** | 1523.600        | 28.54            | -17.28      | 54.0           | 25.46       | AV       | 173.00         | 400         | Horizontal | Pass    |
| 2   | 4628.250        | 49.73            | -4.59       | 74.0           | 24.27       | Peak     | 127.00         | 150         | Horizontal | Pass    |
| 2** | 4628.250        | 46.33            | -4.59       | 54.0           | 7.67        | AV       | 127.00         | 150         | Horizontal | Pass    |
| 3   | 5787.250        | 105.81           | -2.42       | --             | --          | Peak     | 152.00         | 100         | Horizontal | N/A     |
| 3** | 5787.250        | 98.24            | -2.42       | --             | --          | AV       | 152.00         | 100         | Horizontal | N/A     |
| 4   | 7709.000        | 53.54            | 1.89        | 74.0           | 20.46       | Peak     | 152.00         | 200         | Horizontal | Pass    |
| 4** | 7709.000        | 44.29            | 1.89        | 54.0           | 9.71        | AV       | 152.00         | 200         | Horizontal | Pass    |
| 5   | 11789.312       | 53.57            | -0.16       | 74.0           | 20.43       | Peak     | 349.00         | 200         | Horizontal | Pass    |
| 5** | 11789.312       | 43.40            | -0.16       | 54.0           | 10.60       | AV       | 349.00         | 200         | Horizontal | Pass    |
| 6   | 16099.500       | 54.48            | 1.74        | 74.0           | 19.52       | Peak     | 7.00           | 200         | Horizontal | Pass    |
| 6** | 16099.500       | 45.73            | 1.74        | 54.0           | 8.27        | AV       | 7.00           | 200         | 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   | 1513.100        | 38.76            | -16.80      | 74.0           | 35.24       | Peak     | 334.00         | 200         | Vertical | Pass    |
| 1** | 1513.100        | 29.60            | -16.80      | 54.0           | 24.40       | AV       | 334.00         | 200         | Vertical | Pass    |
| 2   | 4326.250        | 47.24            | -5.11       | 74.0           | 26.76       | Peak     | 43.00          | 100         | Vertical | Pass    |
| 2** | 4326.250        | 37.29            | -5.11       | 54.0           | 16.71       | AV       | 43.00          | 100         | Vertical | Pass    |
| 3   | 5788.750        | 97.11            | -2.35       | --             | --          | Peak     | 360.00         | 100         | Vertical | N/A     |
| 3** | 5788.750        | 90.48            | -2.35       | --             | --          | AV       | 360.00         | 100         | Vertical | N/A     |
| 4   | 7673.750        | 53.38            | 0.65        | 74.0           | 20.62       | Peak     | 290.00         | 400         | Vertical | Pass    |
| 4** | 7673.750        | 44.29            | 0.65        | 54.0           | 9.71        | AV       | 290.00         | 400         | Vertical | Pass    |
| 5   | 11726.375       | 52.39            | -0.35       | 74.0           | 21.61       | Peak     | 108.00         | 150         | Vertical | Pass    |
| 5** | 11726.375       | 43.57            | -0.35       | 54.0           | 10.43       | AV       | 108.00         | 150         | Vertical | Pass    |
| 6   | 15907.613       | 54.92            | 1.89        | 74.0           | 19.08       | Peak     | 133.00         | 300         | Vertical | Pass    |
| 6** | 15907.613       | 45.62            | 1.89        | 54.0           | 8.38        | AV       | 133.00         | 300         | 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   | 1612.700        | 38.26            | -16.72      | 74.0           | 35.74       | Peak     | 323.00         | 200         | Horizontal | Pass    |
| 1** | 1612.700        | 29.87            | -16.72      | 54.0           | 24.13       | AV       | 323.00         | 200         | Horizontal | Pass    |
| 2   | 4660.250        | 49.67            | -4.00       | 74.0           | 24.33       | Peak     | 158.00         | 150         | Horizontal | Pass    |
| 2** | 4660.250        | 46.71            | -4.00       | 54.0           | 7.29        | AV       | 158.00         | 150         | Horizontal | Pass    |
| 3   | 5831.750        | 104.81           | -2.28       | --             | --          | Peak     | 137.00         | 150         | Horizontal | N/A     |
| 3** | 5831.750        | 96.39            | -2.28       | --             | --          | AV       | 137.00         | 150         | Horizontal | N/A     |
| 4   | 7678.250        | 53.67            | 1.13        | 74.0           | 20.33       | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 4** | 7678.250        | 44.92            | 1.13        | 54.0           | 9.08        | AV       | 0.00           | 400         | Horizontal | Pass    |
| 5   | 11765.800       | 52.29            | -0.18       | 74.0           | 21.71       | Peak     | 254.00         | 150         | Horizontal | Pass    |
| 5** | 11765.800       | 43.45            | -0.18       | 54.0           | 10.55       | AV       | 254.00         | 150         | Horizontal | Pass    |
| 6   | 15890.813       | 54.51            | 1.96        | 74.0           | 19.49       | Peak     | 242.00         | 200         | Horizontal | Pass    |
| 6** | 15890.813       | 45.87            | 1.96        | 54.0           | 8.13        | AV       | 242.00         | 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   | 1609.500        | 38.21            | -16.96      | 74.0           | 35.79       | Peak     | 141.00         | 100         | Vertical | Pass    |
| 1** | 1609.500        | 29.25            | -16.96      | 54.0           | 24.75       | AV       | 141.00         | 100         | Vertical | Pass    |
| 2   | 4206.750        | 46.84            | -5.16       | 74.0           | 27.16       | Peak     | 203.00         | 300         | Vertical | Pass    |
| 2** | 4206.750        | 37.75            | -5.16       | 54.0           | 16.25       | AV       | 203.00         | 300         | Vertical | Pass    |
| 3   | 5822.000        | 96.17            | -2.40       | --             | --          | Peak     | 344.00         | 100         | Vertical | N/A     |
| 3** | 5822.000        | 88.40            | -2.40       | --             | --          | AV       | 344.00         | 100         | Vertical | N/A     |
| 4   | 7736.750        | 53.52            | 0.17        | 74.0           | 20.48       | Peak     | 203.00         | 400         | Vertical | Pass    |
| 4** | 7736.750        | 44.04            | 0.17        | 54.0           | 9.96        | AV       | 203.00         | 400         | Vertical | Pass    |
| 5   | 12232.724       | 52.66            | 0.86        | 74.0           | 21.34       | Peak     | 231.00         | 100         | Vertical | Pass    |
| 5** | 12232.724       | 43.13            | 0.86        | 54.0           | 10.87       | AV       | 231.00         | 100         | Vertical | Pass    |
| 6   | 16081.125       | 55.01            | 1.50        | 74.0           | 18.99       | Peak     | 229.00         | 100         | Vertical | Pass    |
| 6** | 16081.125       | 45.39            | 1.50        | 54.0           | 8.61        | AV       | 229.00         | 100         | 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   | 1597.100        | 38.30            | -17.04      | 74.0           | 35.70       | Peak     | 59.00          | 200         | Horizontal | Pass    |
| 1** | 1597.100        | 28.71            | -17.04      | 54.0           | 25.29       | AV       | 59.00          | 200         | Horizontal | Pass    |
| 2   | 4367.750        | 47.15            | -4.61       | 74.0           | 26.85       | Peak     | 95.00          | 300         | Horizontal | Pass    |
| 2** | 4367.750        | 38.40            | -4.61       | 54.0           | 15.60       | AV       | 95.00          | 300         | Horizontal | Pass    |
| 3   | 5750.750        | 97.18            | -2.12       | --             | --          | Peak     | 142.00         | 150         | Horizontal | N/A     |
| 3** | 5750.750        | 89.74            | -2.12       | --             | --          | AV       | 142.00         | 150         | Horizontal | N/A     |
| 4   | 7705.000        | 53.77            | 2.03        | 74.0           | 20.23       | Peak     | 49.00          | 400         | Horizontal | Pass    |
| 4** | 7705.000        | 45.10            | 2.03        | 54.0           | 8.90        | AV       | 49.00          | 400         | Horizontal | Pass    |
| 5   | 12535.537       | 52.81            | 1.23        | 74.0           | 21.19       | Peak     | 13.00          | 150         | Horizontal | Pass    |
| 5** | 12535.537       | 43.10            | 1.23        | 54.0           | 10.90       | AV       | 13.00          | 150         | Horizontal | Pass    |
| 6   | 16097.401       | 54.96            | 1.72        | 74.0           | 19.04       | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 6** | 16097.401       | 44.86            | 1.72        | 54.0           | 9.14        | AV       | 360.00         | 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   | 1533.200        | 38.75            | -17.07      | 74.0           | 35.25       | Peak     | 360.00         | 300         | Vertical | Pass    |
| 1** | 1533.200        | 29.95            | -17.07      | 54.0           | 24.05       | AV       | 360.00         | 300         | Vertical | Pass    |
| 2   | 4358.000        | 46.93            | -4.58       | 74.0           | 27.07       | Peak     | 83.00          | 400         | Vertical | Pass    |
| 2** | 4358.000        | 37.70            | -4.58       | 54.0           | 16.30       | AV       | 83.00          | 400         | Vertical | Pass    |
| 3   | 5752.500        | 87.41            | -2.24       | --             | --          | Peak     | 341.00         | 200         | Vertical | N/A     |
| 3** | 5752.500        | 79.29            | -2.24       | --             | --          | AV       | 341.00         | 200         | Vertical | N/A     |
| 4   | 7712.750        | 53.82            | 1.76        | 74.0           | 20.18       | Peak     | 295.00         | 200         | Vertical | Pass    |
| 4** | 7712.750        | 45.70            | 1.76        | 54.0           | 8.30        | AV       | 295.00         | 200         | Vertical | Pass    |
| 5   | 11778.625       | 53.45            | -0.17       | 74.0           | 20.55       | Peak     | 2.00           | 150         | Vertical | Pass    |
| 5** | 11778.625       | 43.52            | -0.17       | 54.0           | 10.48       | AV       | 2.00           | 150         | Vertical | Pass    |
| 6   | 16139.400       | 54.44            | 2.07        | 74.0           | 19.56       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 6** | 16139.400       | 45.65            | 2.07        | 54.0           | 8.35        | AV       | 360.00         | 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   | 1583.300        | 38.07            | -16.83      | 74.0           | 35.93       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 1** | 1583.300        | 29.05            | -16.83      | 54.0           | 24.95       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 2   | 4636.250        | 49.67            | -4.22       | 74.0           | 24.33       | Peak     | 154.00         | 100         | Horizontal | Pass    |
| 2** | 4636.250        | 47.04            | -4.22       | 54.0           | 6.96        | AV       | 154.00         | 100         | Horizontal | Pass    |
| 3   | 5790.250        | 104.98           | -2.31       | --             | --          | Peak     | 154.00         | 100         | Horizontal | N/A     |
| 3** | 5790.250        | 97.80            | -2.31       | --             | --          | AV       | 154.00         | 100         | Horizontal | N/A     |
| 4   | 7690.250        | 53.55            | 0.86        | 74.0           | 20.45       | Peak     | 176.00         | 100         | Horizontal | Pass    |
| 4** | 7690.250        | 44.77            | 0.86        | 54.0           | 9.23        | AV       | 176.00         | 100         | Horizontal | Pass    |
| 5   | 11756.300       | 52.53            | -0.19       | 74.0           | 21.47       | Peak     | 240.00         | 150         | Horizontal | Pass    |
| 5** | 11756.300       | 43.78            | -0.19       | 54.0           | 10.22       | AV       | 240.00         | 150         | Horizontal | Pass    |
| 6   | 16090.313       | 54.75            | 1.62        | 74.0           | 19.25       | Peak     | 324.00         | 300         | Horizontal | Pass    |
| 6** | 16090.313       | 45.28            | 1.62        | 54.0           | 8.72        | AV       | 324.00         | 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   | 1625.100        | 38.74            | -17.00      | 74.0           | 35.26       | Peak     | 27.00          | 400         | Vertical | Pass    |
| 1** | 1625.100        | 28.78            | -17.00      | 54.0           | 25.22       | AV       | 27.00          | 400         | Vertical | Pass    |
| 2   | 4366.750        | 46.86            | -4.85       | 74.0           | 27.14       | Peak     | 198.00         | 400         | Vertical | Pass    |
| 2** | 4366.750        | 37.69            | -4.85       | 54.0           | 16.31       | AV       | 198.00         | 400         | Vertical | Pass    |
| 3   | 5792.750        | 96.29            | -2.18       | --             | --          | Peak     | 341.00         | 150         | Vertical | N/A     |
| 3** | 5792.750        | 88.87            | -2.18       | --             | --          | AV       | 341.00         | 150         | Vertical | N/A     |
| 4   | 7711.000        | 53.53            | 1.81        | 74.0           | 20.47       | Peak     | 85.00          | 300         | Vertical | Pass    |
| 4** | 7711.000        | 44.52            | 1.81        | 54.0           | 9.48        | AV       | 85.00          | 300         | Vertical | Pass    |
| 5   | 11752.500       | 52.31            | -0.19       | 74.0           | 21.69       | Peak     | 160.00         | 100         | Vertical | Pass    |
| 5** | 11752.500       | 43.73            | -0.19       | 54.0           | 10.27       | AV       | 160.00         | 100         | Vertical | Pass    |
| 6   | 16098.450       | 54.76            | 1.73        | 74.0           | 19.24       | Peak     | 35.00          | 400         | Vertical | Pass    |
| 6** | 16098.450       | 46.80            | 1.73        | 54.0           | 7.20        | AV       | 35.00          | 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   | 1603.600        | 38.31            | -16.86      | 74.0           | 35.69       | Peak     | 52.00          | 100         | Horizontal | Pass    |
| 1** | 1603.600        | 28.83            | -16.86      | 54.0           | 25.17       | AV       | 52.00          | 100         | Horizontal | Pass    |
| 2   | 4207.750        | 47.33            | -4.90       | 74.0           | 26.67       | Peak     | 181.00         | 200         | Horizontal | Pass    |
| 2** | 4207.750        | 37.80            | -4.90       | 54.0           | 16.20       | AV       | 181.00         | 200         | Horizontal | Pass    |
| 3   | 5737.750        | 101.17           | -2.17       | --             | --          | Peak     | 181.00         | 150         | Horizontal | N/A     |
| 3** | 5737.750        | 93.32            | -2.17       | --             | --          | AV       | 181.00         | 150         | Horizontal | N/A     |
| 4   | 7316.000        | 53.26            | 0.53        | 74.0           | 20.74       | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 4** | 7316.000        | 43.31            | 0.53        | 54.0           | 10.69       | AV       | 360.00         | 300         | Horizontal | Pass    |
| 5   | 11671.987       | 52.90            | -0.98       | 74.0           | 21.10       | Peak     | 322.00         | 200         | Horizontal | Pass    |
| 5** | 11671.987       | 42.89            | -0.98       | 54.0           | 11.11       | AV       | 322.00         | 200         | Horizontal | Pass    |
| 6   | 16111.575       | 54.82            | 1.84        | 74.0           | 19.18       | Peak     | 52.00          | 200         | Horizontal | Pass    |
| 6** | 16111.575       | 45.10            | 1.84        | 54.0           | 8.90        | AV       | 52.00          | 200         | 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   | 1487.000        | 38.32            | -16.97      | 74.0           | 35.68       | Peak     | 72.00          | 300         | Vertical | Pass    |
| 1** | 1487.000        | 29.31            | -16.97      | 54.0           | 24.69       | AV       | 72.00          | 300         | Vertical | Pass    |
| 2   | 4297.750        | 47.06            | -4.97       | 74.0           | 26.94       | Peak     | 101.00         | 100         | Vertical | Pass    |
| 2** | 4297.750        | 37.97            | -4.97       | 54.0           | 16.03       | AV       | 101.00         | 100         | Vertical | Pass    |
| 3   | 5737.250        | 92.83            | -2.15       | --             | --          | Peak     | 359.00         | 100         | Vertical | N/A     |
| 3** | 5737.250        | 84.05            | -2.15       | --             | --          | AV       | 359.00         | 100         | Vertical | N/A     |
| 4   | 7712.750        | 54.02            | 1.76        | 74.0           | 19.98       | Peak     | 189.00         | 400         | Vertical | Pass    |
| 4** | 7712.750        | 44.65            | 1.76        | 54.0           | 9.35        | AV       | 189.00         | 400         | Vertical | Pass    |
| 5   | 11355.162       | 52.96            | -2.33       | 74.0           | 21.04       | Peak     | 265.00         | 150         | Vertical | Pass    |
| 5** | 11355.162       | 41.74            | -2.33       | 54.0           | 12.26       | AV       | 265.00         | 150         | Vertical | Pass    |
| 6   | 16103.175       | 55.01            | 1.78        | 74.0           | 18.99       | Peak     | 8.00           | 400         | Vertical | Pass    |
| 6** | 16103.175       | 45.81            | 1.78        | 54.0           | 8.19        | AV       | 8.00           | 400         | 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   | 1611.900        | 38.71            | -16.83      | 74.0           | 35.29       | Peak     | 215.00         | 100         | Horizontal | Pass    |
| 1** | 1611.900        | 29.21            | -16.83      | 54.0           | 24.79       | AV       | 215.00         | 100         | Horizontal | Pass    |
| 2   | 4628.000        | 50.84            | -4.40       | 74.0           | 23.16       | Peak     | 164.00         | 100         | Horizontal | Pass    |
| 2** | 4628.000        | 47.31            | -4.40       | 54.0           | 6.69        | AV       | 164.00         | 100         | Horizontal | Pass    |
| 3   | 5792.750        | 106.15           | -2.18       | --             | --          | Peak     | 164.00         | 100         | Horizontal | N/A     |
| 3** | 5792.750        | 98.27            | -2.18       | --             | --          | AV       | 164.00         | 100         | Horizontal | N/A     |
| 4   | 7331.000        | 53.44            | -0.11       | 74.0           | 20.56       | Peak     | 52.00          | 100         | Horizontal | Pass    |
| 4** | 7331.000        | 44.25            | -0.11       | 54.0           | 9.75        | AV       | 52.00          | 100         | Horizontal | Pass    |
| 5   | 12468.325       | 52.44            | 1.18        | 74.0           | 21.56       | Peak     | 132.00         | 100         | Horizontal | Pass    |
| 5** | 12468.325       | 43.17            | 1.18        | 54.0           | 10.83       | AV       | 132.00         | 100         | Horizontal | Pass    |
| 6   | 15920.474       | 55.21            | 1.67        | 74.0           | 18.79       | Peak     | 249.00         | 400         | Horizontal | Pass    |
| 6** | 15920.474       | 45.38            | 1.67        | 54.0           | 8.62        | AV       | 249.00         | 400         | 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   | 1505.300        | 38.76            | -17.03      | 74.0           | 35.24       | Peak     | 295.00         | 100         | Vertical | Pass    |
| 1** | 1505.300        | 28.63            | -17.03      | 54.0           | 25.37       | AV       | 295.00         | 100         | Vertical | Pass    |
| 2   | 4394.750        | 47.38            | -4.64       | 74.0           | 26.62       | Peak     | 239.00         | 100         | Vertical | Pass    |
| 2** | 4394.750        | 38.74            | -4.64       | 54.0           | 15.26       | AV       | 239.00         | 100         | Vertical | Pass    |
| 3   | 5787.000        | 97.19            | -2.45       | --             | --          | Peak     | 359.00         | 150         | Vertical | N/A     |
| 3** | 5787.000        | 89.15            | -2.45       | --             | --          | AV       | 359.00         | 150         | Vertical | N/A     |
| 4   | 7726.500        | 53.51            | 0.63        | 74.0           | 20.49       | Peak     | 360.00         | 300         | Vertical | Pass    |
| 4** | 7726.500        | 43.65            | 0.63        | 54.0           | 10.35       | AV       | 360.00         | 300         | Vertical | Pass    |
| 5   | 12270.488       | 53.05            | 0.88        | 74.0           | 20.95       | Peak     | 73.00          | 100         | Vertical | Pass    |
| 5** | 12270.488       | 43.48            | 0.88        | 54.0           | 10.52       | AV       | 73.00          | 100         | Vertical | Pass    |
| 6   | 16114.201       | 54.49            | 1.86        | 74.0           | 19.51       | Peak     | 106.00         | 300         | Vertical | Pass    |
| 6** | 16114.201       | 46.31            | 1.86        | 54.0           | 7.69        | AV       | 106.00         | 300         | 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   | 1457.700        | 38.46            | -17.04      | 74.0           | 35.54       | Peak     | 220.00         | 100         | Horizontal | Pass    |
| 1** | 1457.700        | 29.08            | -17.04      | 54.0           | 24.92       | AV       | 220.00         | 100         | Horizontal | Pass    |
| 2   | 4660.250        | 49.31            | -4.00       | 74.0           | 24.69       | Peak     | 163.00         | 100         | Horizontal | Pass    |
| 2** | 4660.250        | 45.42            | -4.00       | 54.0           | 8.58        | AV       | 163.00         | 100         | Horizontal | Pass    |
| 3   | 5818.250        | 104.80           | -2.23       | --             | --          | Peak     | 163.00         | 100         | Horizontal | N/A     |
| 3** | 5818.250        | 97.19            | -2.23       | --             | --          | AV       | 163.00         | 100         | Horizontal | N/A     |
| 4   | 7659.250        | 53.47            | 1.09        | 74.0           | 20.53       | Peak     | 1.00           | 300         | Horizontal | Pass    |
| 4** | 7659.250        | 43.80            | 1.09        | 54.0           | 10.20       | AV       | 1.00           | 300         | Horizontal | Pass    |
| 5   | 11758.200       | 53.27            | -0.19       | 74.0           | 20.73       | Peak     | 84.00          | 100         | Horizontal | Pass    |
| 5** | 11758.200       | 44.41            | -0.19       | 54.0           | 9.59        | AV       | 84.00          | 100         | Horizontal | Pass    |
| 6   | 16093.200       | 54.41            | 1.66        | 74.0           | 19.59       | Peak     | 303.00         | 200         | Horizontal | Pass    |
| 6** | 16093.200       | 45.45            | 1.66        | 54.0           | 8.55        | AV       | 303.00         | 200         | 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   | 1611.700        | 38.31            | -16.87      | 74.0           | 35.69       | Peak     | 0.00           | 200         | Vertical | Pass    |
| 1** | 1611.700        | 28.97            | -16.87      | 54.0           | 25.03       | AV       | 0.00           | 200         | Vertical | Pass    |
| 2   | 4142.750        | 47.56            | -5.52       | 74.0           | 26.44       | Peak     | 83.00          | 100         | Vertical | Pass    |
| 2** | 4142.750        | 37.73            | -5.52       | 54.0           | 16.27       | AV       | 83.00          | 100         | Vertical | Pass    |
| 3   | 5818.000        | 96.20            | -2.41       | --             | --          | Peak     | 344.00         | 150         | Vertical | N/A     |
| 3** | 5818.000        | 88.25            | -2.41       | --             | --          | AV       | 344.00         | 150         | Vertical | N/A     |
| 4   | 7560.250        | 53.74            | 0.33        | 74.0           | 20.26       | Peak     | 325.00         | 400         | Vertical | Pass    |
| 4** | 7560.250        | 43.41            | 0.33        | 54.0           | 10.59       | AV       | 325.00         | 400         | Vertical | Pass    |
| 5   | 11793.350       | 52.97            | -0.15       | 74.0           | 21.03       | Peak     | 230.00         | 150         | Vertical | Pass    |
| 5** | 11793.350       | 44.41            | -0.15       | 54.0           | 9.59        | AV       | 230.00         | 150         | Vertical | Pass    |
| 6   | 16101.862       | 54.90            | 1.77        | 74.0           | 19.10       | Peak     | 159.00         | 200         | Vertical | Pass    |
| 6** | 16101.862       | 45.72            | 1.77        | 54.0           | 8.28        | AV       | 159.00         | 200         | 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   | 1443.300        | 39.00            | -16.85      | 74.0           | 35.00       | Peak     | 181.00         | 300         | Horizontal | Pass    |
| 1** | 1443.300        | 29.16            | -16.85      | 54.0           | 24.84       | AV       | 181.00         | 300         | Horizontal | Pass    |
| 2   | 4253.500        | 47.06            | -4.17       | 74.0           | 26.94       | Peak     | 271.00         | 400         | Horizontal | Pass    |
| 2** | 4253.500        | 38.04            | -4.17       | 54.0           | 15.96       | AV       | 271.00         | 400         | Horizontal | Pass    |
| 3   | 5752.750        | 97.88            | -2.16       | --             | --          | Peak     | 127.00         | 100         | Horizontal | N/A     |
| 3** | 5752.750        | 89.65            | -2.16       | --             | --          | AV       | 127.00         | 100         | Horizontal | N/A     |
| 4   | 7715.250        | 53.64            | 1.51        | 74.0           | 20.36       | Peak     | 271.00         | 100         | Horizontal | Pass    |
| 4** | 7715.250        | 44.91            | 1.51        | 54.0           | 9.09        | AV       | 271.00         | 100         | Horizontal | Pass    |
| 5   | 11678.162       | 52.95            | -0.88       | 74.0           | 21.05       | Peak     | 58.00          | 200         | Horizontal | Pass    |
| 5** | 11678.162       | 42.92            | -0.88       | 54.0           | 11.08       | AV       | 58.00          | 200         | Horizontal | Pass    |
| 6   | 15381.562       | 54.26            | 2.75        | 74.0           | 19.74       | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 6** | 15381.562       | 45.17            | 2.75        | 54.0           | 8.83        | AV       | 360.00         | 400         | 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   | 1543.900        | 39.09            | -17.27      | 74.0           | 34.91       | Peak     | 200.00         | 200         | Vertical | Pass    |
| 1** | 1543.900        | 29.47            | -17.27      | 54.0           | 24.53       | AV       | 200.00         | 200         | Vertical | Pass    |
| 2   | 4387.000        | 48.09            | -4.61       | 74.0           | 25.91       | Peak     | 75.00          | 300         | Vertical | Pass    |
| 2** | 4387.000        | 39.41            | -4.61       | 54.0           | 14.59       | AV       | 75.00          | 300         | Vertical | Pass    |
| 3   | 5742.000        | 88.03            | -2.08       | --             | --          | Peak     | 341.00         | 150         | Vertical | N/A     |
| 3** | 5742.000        | 79.55            | -2.08       | --             | --          | AV       | 341.00         | 150         | Vertical | N/A     |
| 4   | 7686.250        | 53.43            | 1.35        | 74.0           | 20.57       | Peak     | 51.00          | 400         | Vertical | Pass    |
| 4** | 7686.250        | 43.89            | 1.35        | 54.0           | 10.11       | AV       | 51.00          | 400         | Vertical | Pass    |
| 5   | 12289.250       | 52.62            | 0.67        | 74.0           | 21.38       | Peak     | 133.00         | 150         | Vertical | Pass    |
| 5** | 12289.250       | 42.16            | 0.67        | 54.0           | 11.84       | AV       | 133.00         | 150         | Vertical | Pass    |
| 6   | 16048.575       | 54.58            | 1.09        | 74.0           | 19.42       | Peak     | 137.00         | 300         | Vertical | Pass    |
| 6** | 16048.575       | 44.89            | 1.09        | 54.0           | 9.11        | AV       | 137.00         | 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   | 1483.200        | 38.34            | -16.99      | 74.0           | 35.66       | Peak     | 4.00           | 100         | Horizontal | Pass    |
| 1** | 1483.200        | 28.55            | -16.99      | 54.0           | 25.45       | AV       | 4.00           | 100         | Horizontal | Pass    |
| 2   | 4636.250        | 50.61            | -4.22       | 74.0           | 23.39       | Peak     | 151.00         | 100         | Horizontal | Pass    |
| 2** | 4636.250        | 47.92            | -4.22       | 54.0           | 6.08        | AV       | 151.00         | 100         | Horizontal | Pass    |
| 3   | 5793.000        | 106.06           | -2.18       | --             | --          | Peak     | 128.00         | 200         | Horizontal | N/A     |
| 3** | 5793.000        | 98.49            | -2.18       | --             | --          | AV       | 128.00         | 200         | Horizontal | N/A     |
| 4   | 7417.500        | 53.36            | 0.71        | 74.0           | 20.64       | Peak     | 290.00         | 200         | Horizontal | Pass    |
| 4** | 7417.500        | 44.49            | 0.71        | 54.0           | 9.51        | AV       | 290.00         | 200         | Horizontal | Pass    |
| 5   | 11797.151       | 52.42            | -0.15       | 74.0           | 21.58       | Peak     | 23.00          | 150         | Horizontal | Pass    |
| 5** | 11797.151       | 43.90            | -0.15       | 54.0           | 10.10       | AV       | 23.00          | 150         | Horizontal | Pass    |
| 6   | 16114.987       | 55.93            | 1.87        | 74.0           | 18.07       | Peak     | 281.00         | 100         | Horizontal | Pass    |
| 6** | 16114.987       | 45.38            | 1.87        | 54.0           | 8.62        | AV       | 281.00         | 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   | 1472.500        | 38.60            | -17.18      | 74.0           | 35.40       | Peak     | 159.00         | 300         | Vertical | Pass    |
| 1** | 1472.500        | 29.28            | -17.18      | 54.0           | 24.72       | AV       | 159.00         | 300         | Vertical | Pass    |
| 2   | 4359.000        | 47.25            | -4.82       | 74.0           | 26.75       | Peak     | 13.00          | 200         | Vertical | Pass    |
| 2** | 4359.000        | 37.51            | -4.82       | 54.0           | 16.49       | AV       | 13.00          | 200         | Vertical | Pass    |
| 3   | 5790.500        | 96.20            | -2.42       | --             | --          | Peak     | 344.00         | 200         | Vertical | N/A     |
| 3** | 5790.500        | 88.02            | -2.42       | --             | --          | AV       | 344.00         | 200         | Vertical | N/A     |
| 4   | 7685.500        | 54.16            | 1.17        | 74.0           | 19.84       | Peak     | 220.00         | 200         | Vertical | Pass    |
| 4** | 7685.500        | 43.67            | 1.17        | 54.0           | 10.33       | AV       | 220.00         | 200         | Vertical | Pass    |
| 5   | 12448.137       | 52.36            | 1.04        | 74.0           | 21.64       | Peak     | 228.00         | 100         | Vertical | Pass    |
| 5** | 12448.137       | 42.74            | 1.04        | 54.0           | 11.26       | AV       | 228.00         | 100         | Vertical | Pass    |
| 6   | 16110.788       | 54.51            | 1.84        | 74.0           | 19.49       | Peak     | 334.00         | 300         | Vertical | Pass    |
| 6** | 16110.788       | 45.51            | 1.84        | 54.0           | 8.49        | AV       | 334.00         | 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   | 1604.600        | 38.38            | -16.79      | 74.0           | 35.62       | Peak     | 114.00         | 200         | Horizontal | Pass    |
| 1** | 1604.600        | 29.34            | -16.79      | 54.0           | 24.66       | AV       | 114.00         | 200         | Horizontal | Pass    |
| 2   | 4256.250        | 47.19            | -4.17       | 74.0           | 26.81       | Peak     | 266.00         | 100         | Horizontal | Pass    |
| 2** | 4256.250        | 38.21            | -4.17       | 54.0           | 15.79       | AV       | 266.00         | 100         | Horizontal | Pass    |
| 3   | 5793.750        | 94.89            | -2.16       | --             | --          | Peak     | 144.00         | 150         | Horizontal | N/A     |
| 3** | 5793.750        | 87.25            | -2.16       | --             | --          | AV       | 144.00         | 150         | Horizontal | N/A     |
| 4   | 7421.500        | 53.71            | 1.19        | 74.0           | 20.29       | Peak     | 144.00         | 200         | Horizontal | Pass    |
| 4** | 7421.500        | 45.34            | 1.19        | 54.0           | 8.66        | AV       | 144.00         | 200         | Horizontal | Pass    |
| 5   | 11703.812       | 52.59            | -0.49       | 74.0           | 21.41       | Peak     | 52.00          | 100         | Horizontal | Pass    |
| 5** | 11703.812       | 43.05            | -0.49       | 54.0           | 10.95       | AV       | 52.00          | 100         | Horizontal | Pass    |
| 6   | 16120.237       | 54.84            | 1.91        | 74.0           | 19.16       | Peak     | 334.00         | 100         | Horizontal | Pass    |
| 6** | 16120.237       | 45.85            | 1.91        | 54.0           | 8.15        | AV       | 334.00         | 100         | 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   | 1534.500        | 38.61            | -16.98      | 74.0           | 35.39       | Peak     | 0.00           | 200         | Vertical | Pass    |
| 1** | 1534.500        | 28.64            | -16.98      | 54.0           | 25.36       | AV       | 0.00           | 200         | Vertical | Pass    |
| 2   | 4353.500        | 46.91            | -4.72       | 74.0           | 27.09       | Peak     | 144.00         | 100         | Vertical | Pass    |
| 2** | 4353.500        | 37.90            | -4.72       | 54.0           | 16.10       | AV       | 144.00         | 100         | Vertical | Pass    |
| 3   | 5738.500        | 86.01            | -1.91       | --             | --          | Peak     | 341.00         | 150         | Vertical | N/A     |
| 3** | 5738.500        | 77.19            | -1.91       | --             | --          | AV       | 341.00         | 150         | Vertical | N/A     |
| 4   | 7694.250        | 53.82            | 1.16        | 74.0           | 20.18       | Peak     | 341.00         | 400         | Vertical | Pass    |
| 4** | 7694.250        | 44.45            | 1.16        | 54.0           | 9.55        | AV       | 341.00         | 400         | Vertical | Pass    |
| 5   | 11803.563       | 53.00            | -0.19       | 74.0           | 21.00       | Peak     | 339.00         | 150         | Vertical | Pass    |
| 5** | 11803.563       | 43.82            | -0.19       | 54.0           | 10.18       | AV       | 339.00         | 150         | Vertical | Pass    |
| 6   | 15908.138       | 55.09            | 1.89        | 74.0           | 18.91       | Peak     | 50.00          | 300         | Vertical | Pass    |
| 6** | 15908.138       | 45.25            | 1.89        | 54.0           | 8.75        | AV       | 50.00          | 300         | Vertical | Pass    |

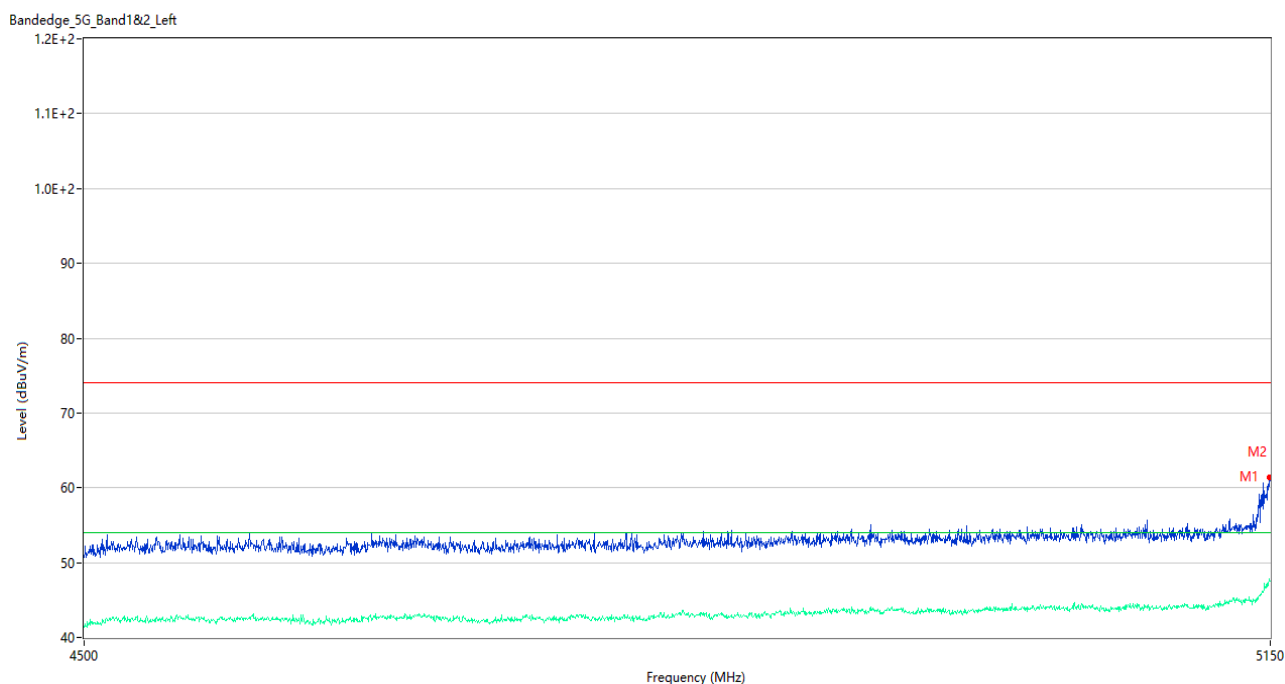
## A.6.2 Band Edge (Restricted-band)

| 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 |

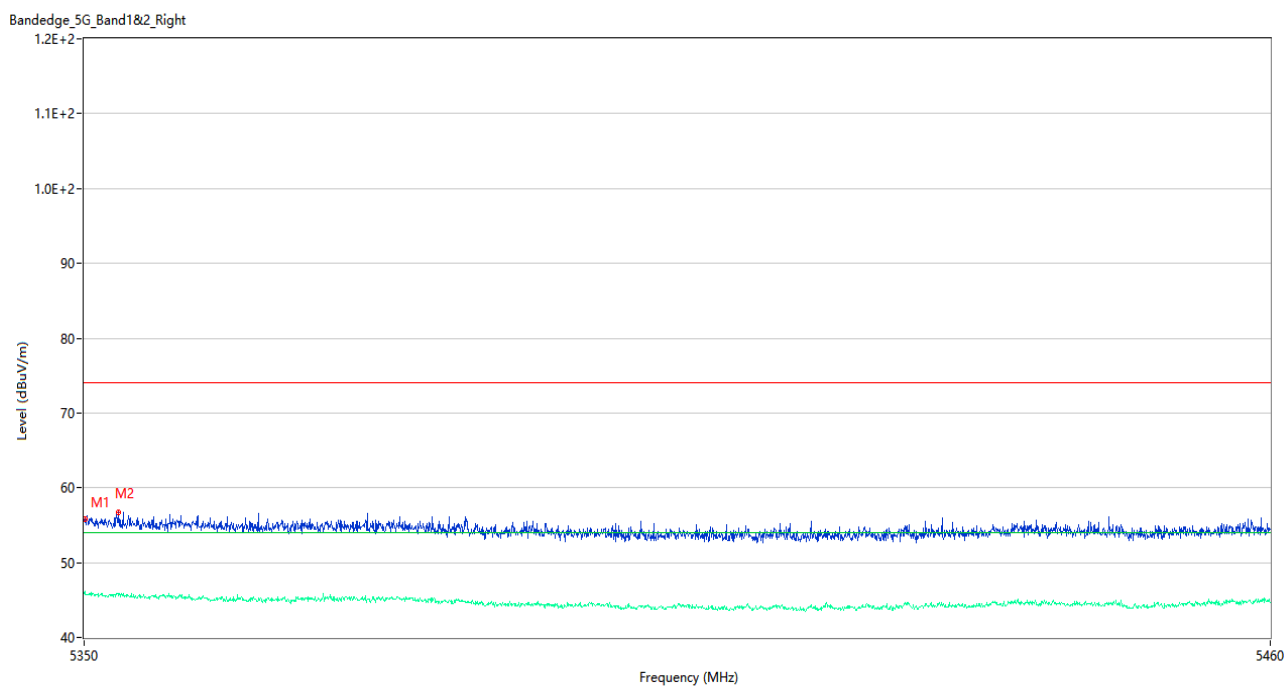
## Test Data and Plots

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



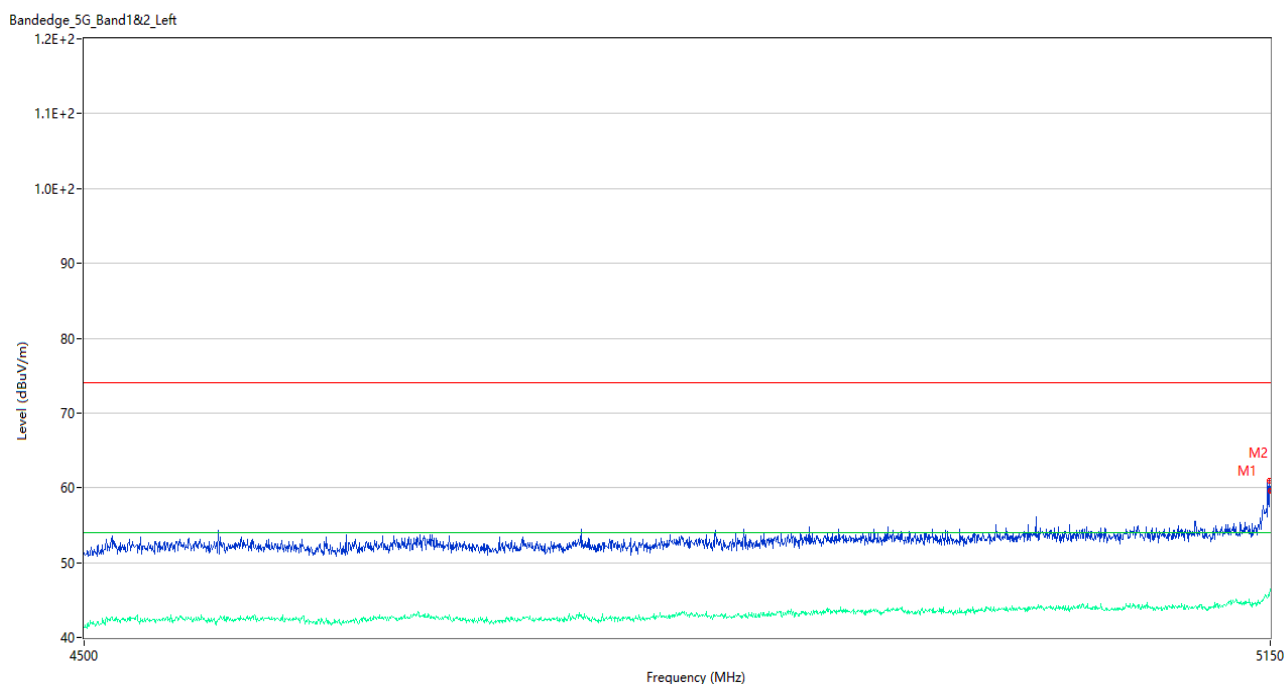
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5149.350        | 61.37            | 2.85        | 74.0           | 12.63       | Peak     | 142.00         | 150         | Horizontal | Pass    |
| 1** | 5149.350        | 47.81            | 2.85        | 54.0           | 6.19        | AV       | 142.00         | 150         | Horizontal | Pass    |
| 2   | 5150.000        | 61.32            | 2.86        | 74.0           | 12.68       | Peak     | 232.00         | 100         | Horizontal | Pass    |
| 2** | 5150.000        | 47.55            | 2.86        | 54.0           | 6.45        | AV       | 232.00         | 100         | Horizontal | Pass    |

## U-NII-1 11a High Channel



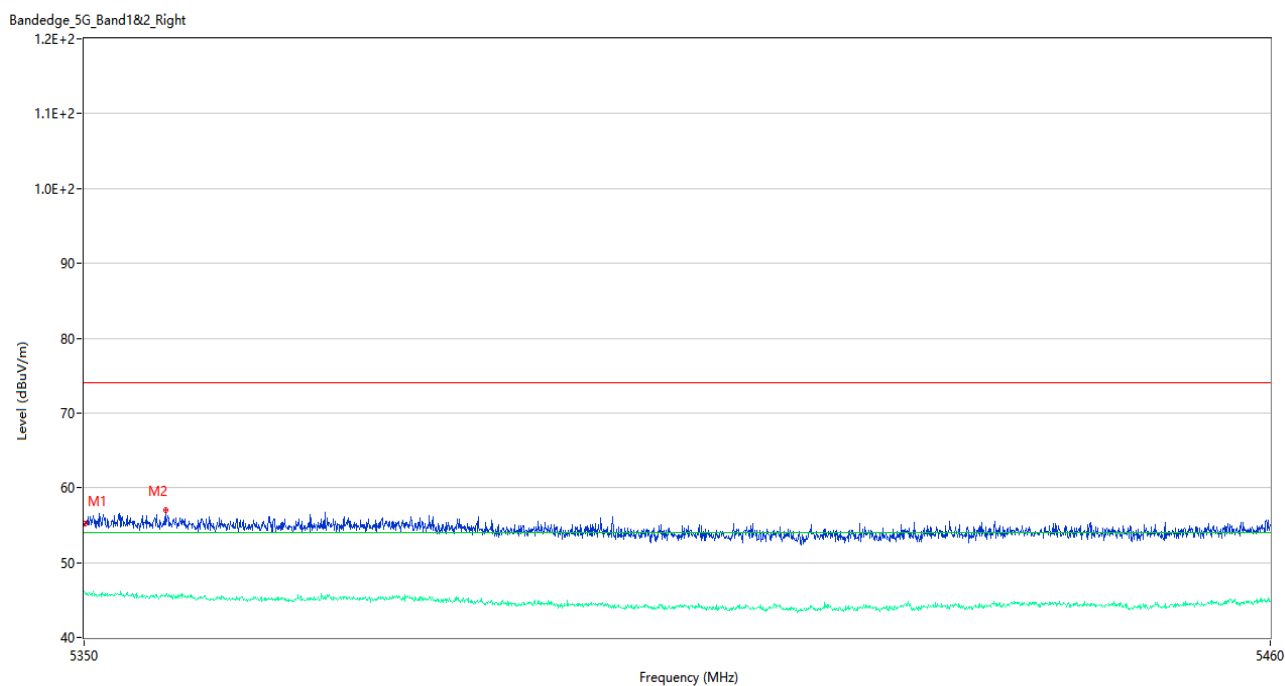
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.055        | 55.88            | 3.30        | 74.0           | 18.12       | Peak     | 190.00         | 100         | Horizontal | Pass    |
| 1** | 5350.055        | 46.15            | 3.30        | 54.0           | 7.85        | AV       | 190.00         | 100         | Horizontal | Pass    |
| 2   | 5353.190        | 56.77            | 3.20        | 74.0           | 17.23       | Peak     | 278.00         | 100         | Horizontal | Pass    |
| 2** | 5353.190        | 45.62            | 3.20        | 54.0           | 8.38        | AV       | 278.00         | 100         | Horizontal | Pass    |

## U-NII-1 11n20 Low Channel



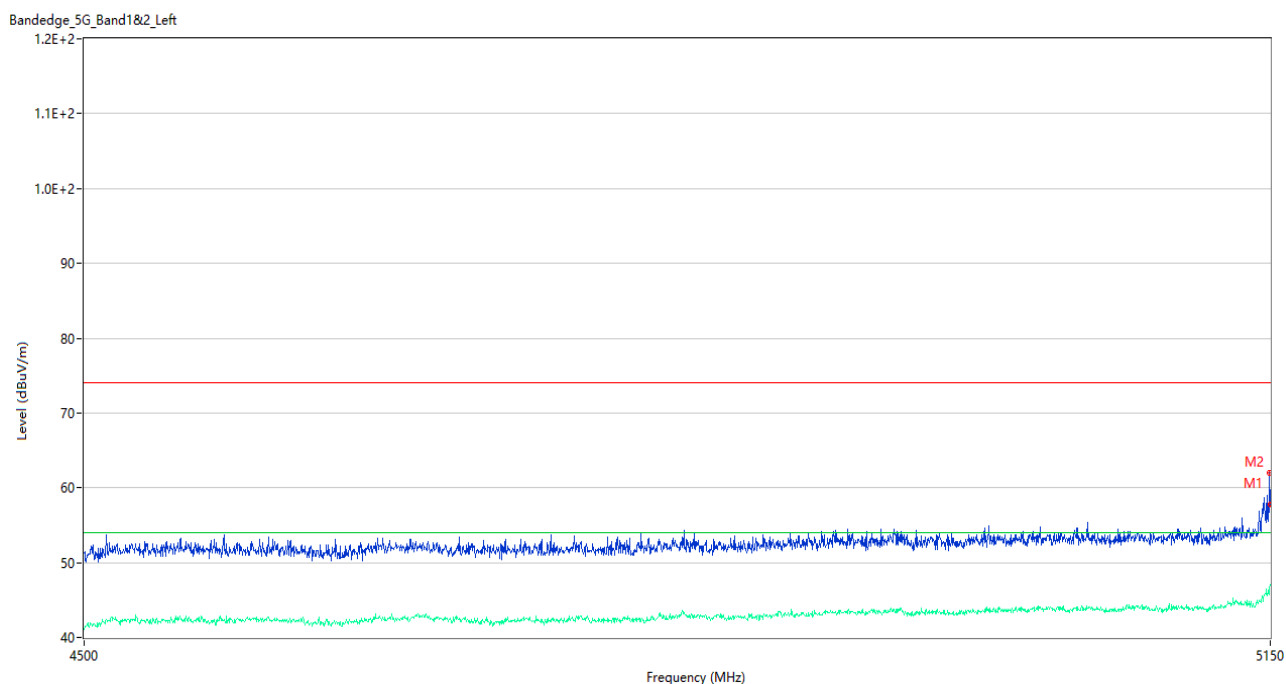
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5149.675        | 60.95            | 2.85        | 74.0           | 13.05       | Peak     | 156.00         | 100         | Horizontal | Pass    |
| 1** | 5149.675        | 45.59            | 2.85        | 54.0           | 8.41        | AV       | 156.00         | 100         | Horizontal | Pass    |
| 2   | 5150.000        | 59.56            | 2.86        | 74.0           | 14.44       | Peak     | 175.00         | 100         | Horizontal | Pass    |
| 2** | 5150.000        | 46.44            | 2.86        | 54.0           | 7.56        | AV       | 175.00         | 100         | 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   | 5350.055        | 55.16            | 3.30        | 74.0           | 18.84       | Peak     | 173.00         | 150         | Horizontal | Pass    |
| 1** | 5350.055        | 46.00            | 3.30        | 54.0           | 8.00        | AV       | 173.00         | 150         | Horizontal | Pass    |
| 2   | 5357.480        | 57.02            | 3.08        | 74.0           | 16.98       | Peak     | 263.00         | 150         | Horizontal | Pass    |
| 2** | 5357.480        | 45.58            | 3.08        | 54.0           | 8.42        | AV       | 263.00         | 150         | Horizontal | Pass    |

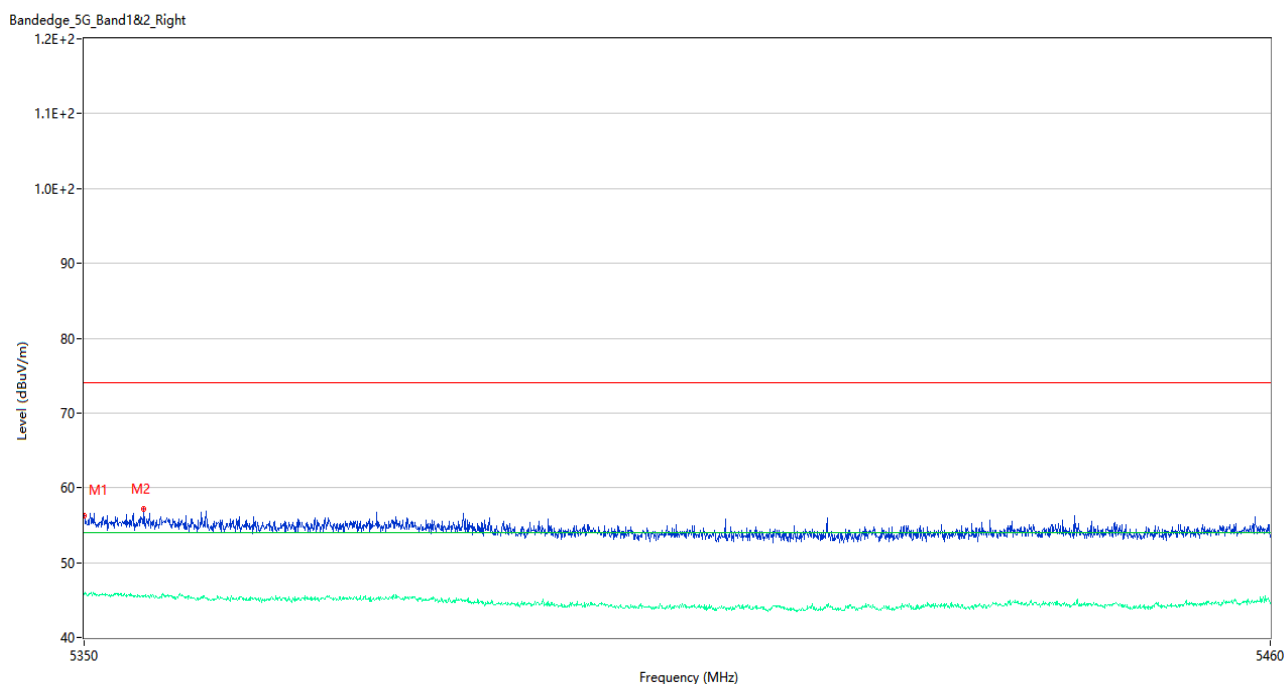
## U-NII-1 11n40 Low Channel



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5149.675        | 61.94            | 2.85        | 74.0           | 12.06       | Peak     | 285.00         | 200         | Horizontal | Pass    |
| 1** | 5149.675        | 46.47            | 2.85        | 54.0           | 7.53        | AV       | 285.00         | 200         | Horizontal | Pass    |
| 2   | 5150.000        | 57.79            | 2.86        | 74.0           | 16.21       | Peak     | 278.00         | 200         | Horizontal | Pass    |
| 2** | 5150.000        | 47.06            | 2.86        | 54.0           | 6.94        | AV       | 278.00         | 200         | Horizontal | Pass    |

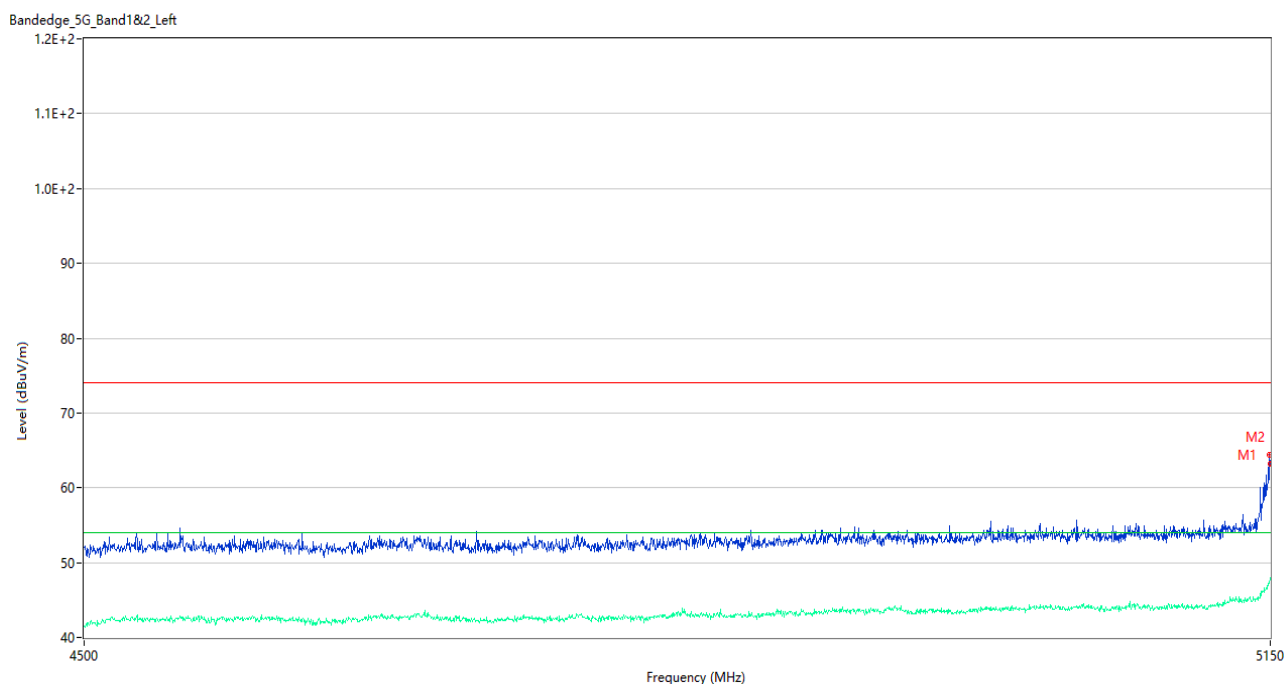


## U-NII-1 11n40 High Channel



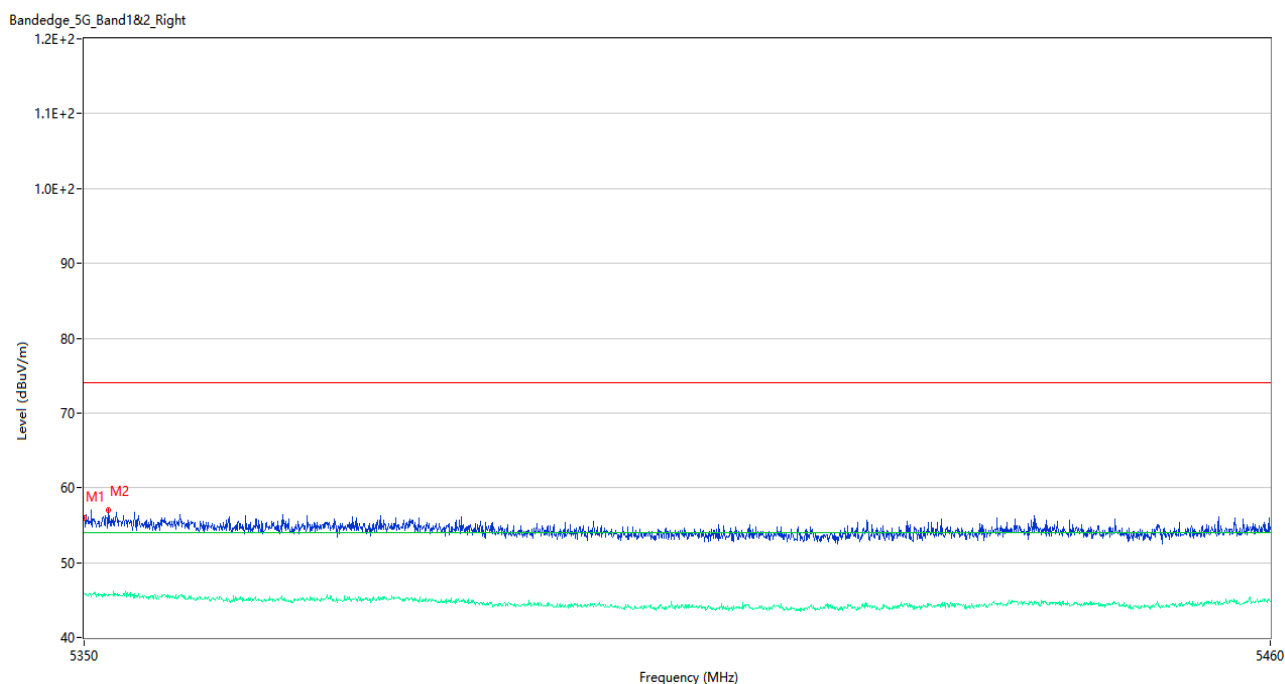
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 56.27            | 3.32        | 74.0           | 17.73       | Peak     | 315.00         | 150         | Horizontal | Pass    |
| 1** | 5350.000        | 45.78            | 3.32        | 54.0           | 8.22        | AV       | 315.00         | 150         | Horizontal | Pass    |
| 2   | 5355.500        | 57.12            | 2.95        | 74.0           | 16.88       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 2** | 5355.500        | 45.55            | 2.95        | 54.0           | 8.45        | AV       | 360.00         | 200         | Horizontal | Pass    |

## U-NII-1 11ac20 Low Channel



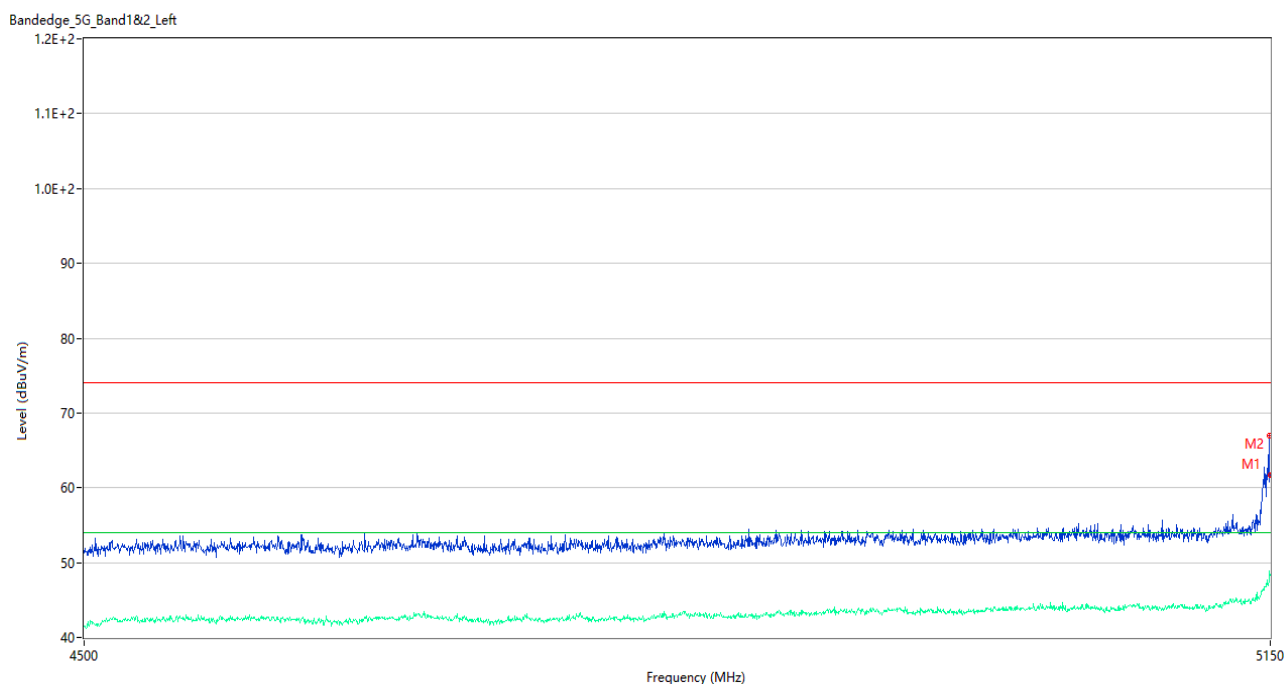
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5149.675        | 64.34            | 2.85        | 74.0           | 9.66        | Peak     | 126.00         | 150         | Horizontal | Pass    |
| 1** | 5149.675        | 47.26            | 2.85        | 54.0           | 6.74        | AV       | 126.00         | 150         | Horizontal | Pass    |
| 2   | 5150.000        | 63.18            | 2.86        | 74.0           | 10.82       | Peak     | 175.00         | 150         | Horizontal | Pass    |
| 2** | 5150.000        | 48.05            | 2.86        | 54.0           | 5.95        | AV       | 175.00         | 150         | Horizontal | Pass    |

## U-NII-1 11ac20 High Channel



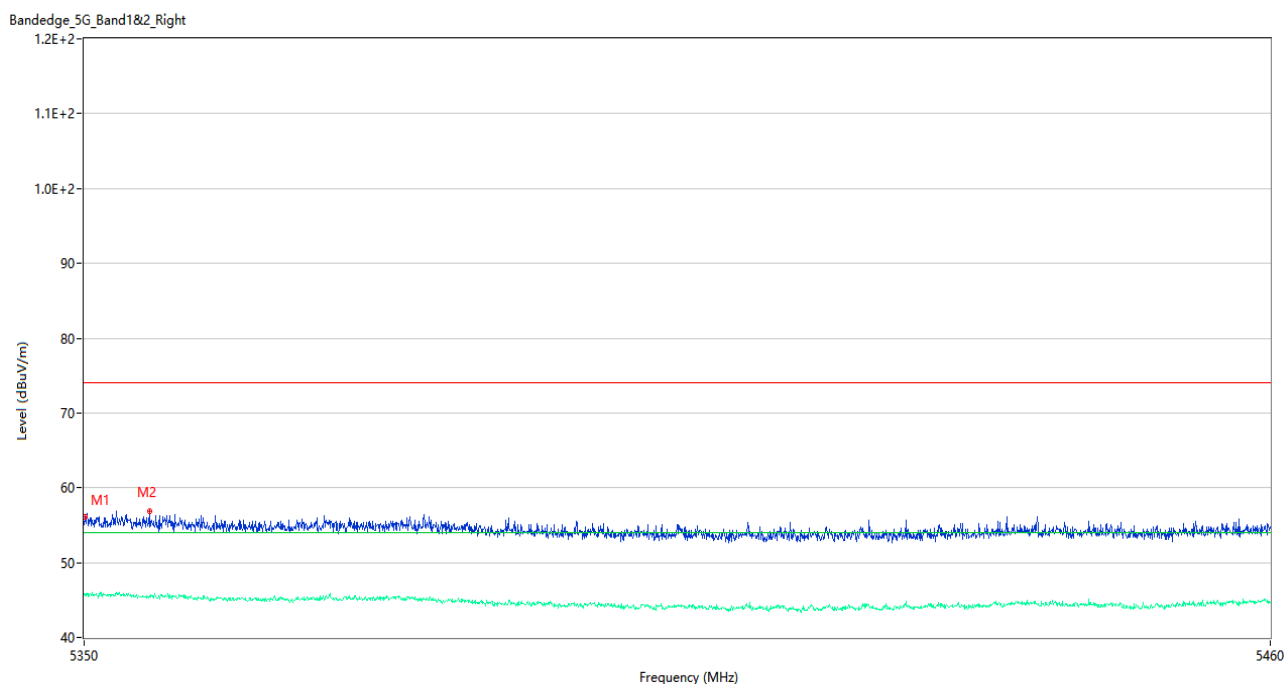
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.93            | 3.32        | 74.0           | 18.07       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 45.89            | 3.32        | 54.0           | 8.11        | AV       | 360.00         | 100         | Horizontal | Pass    |
| 2   | 5352.255        | 57.05            | 3.09        | 74.0           | 16.95       | Peak     | 213.00         | 200         | Horizontal | Pass    |
| 2** | 5352.255        | 45.59            | 3.09        | 54.0           | 8.41        | AV       | 213.00         | 200         | Horizontal | Pass    |

## U-NII-1 11ac40 Low Channel



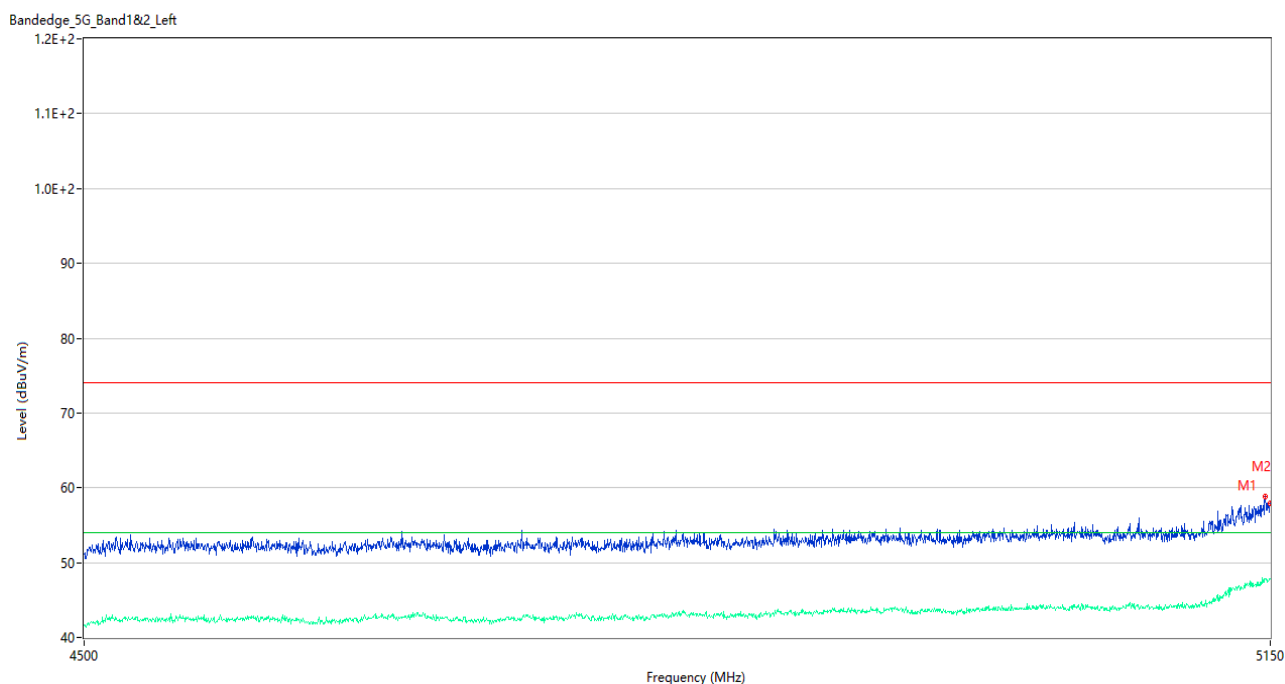
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5149.350        | 67.01            | 2.85        | 74.0           | 6.99        | Peak     | 182.00         | 200         | Horizontal | Pass    |
| 1** | 5149.350        | 47.39            | 2.85        | 54.0           | 6.61        | AV       | 182.00         | 200         | Horizontal | Pass    |
| 2   | 5150.000        | 61.75            | 2.86        | 74.0           | 12.25       | Peak     | 250.00         | 200         | Horizontal | Pass    |
| 2** | 5150.000        | 48.27            | 2.86        | 54.0           | 5.73        | AV       | 250.00         | 200         | Horizontal | Pass    |

## U-NII-1 11ac40 High Channel



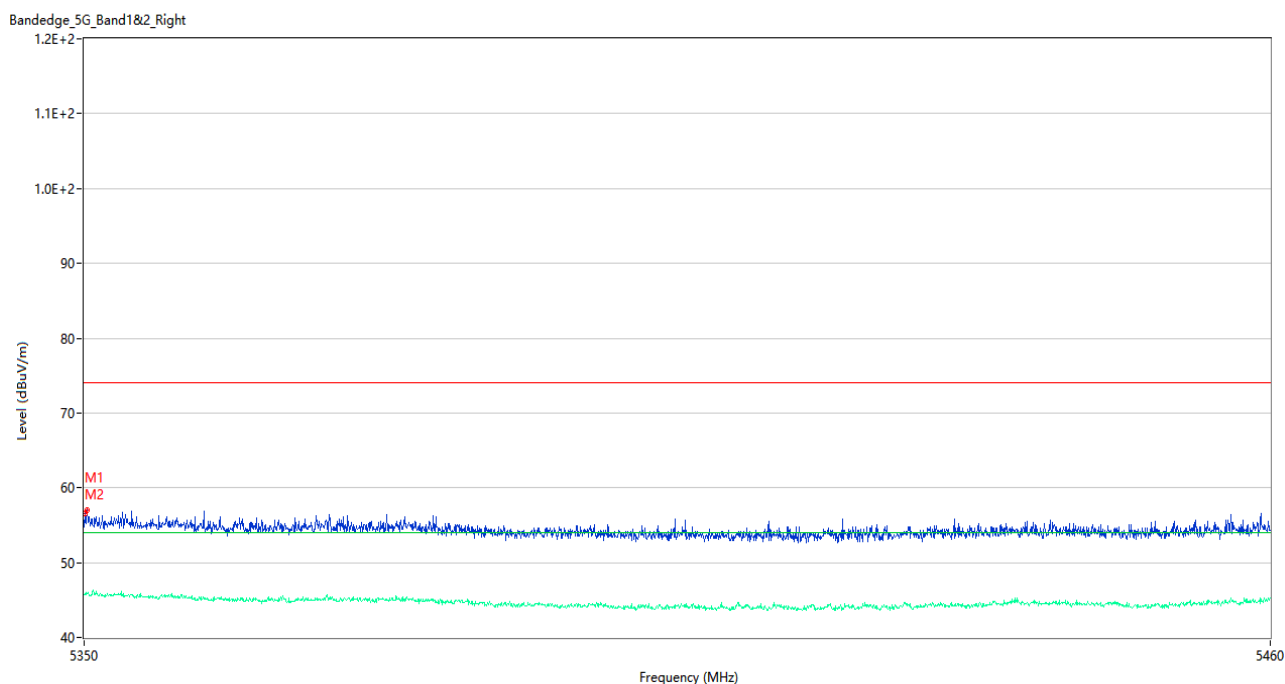
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.055        | 56.13            | 3.30        | 74.0           | 17.87       | Peak     | 30.00          | 150         | Horizontal | Pass    |
| 1** | 5350.055        | 45.61            | 3.30        | 54.0           | 8.39        | AV       | 30.00          | 150         | Horizontal | Pass    |
| 2   | 5355.995        | 56.84            | 2.80        | 74.0           | 17.16       | Peak     | 193.00         | 200         | Horizontal | Pass    |
| 2** | 5355.995        | 45.36            | 2.80        | 54.0           | 8.64        | AV       | 193.00         | 200         | Horizontal | Pass    |

## U-NII-1 11ac80 Middle Channel



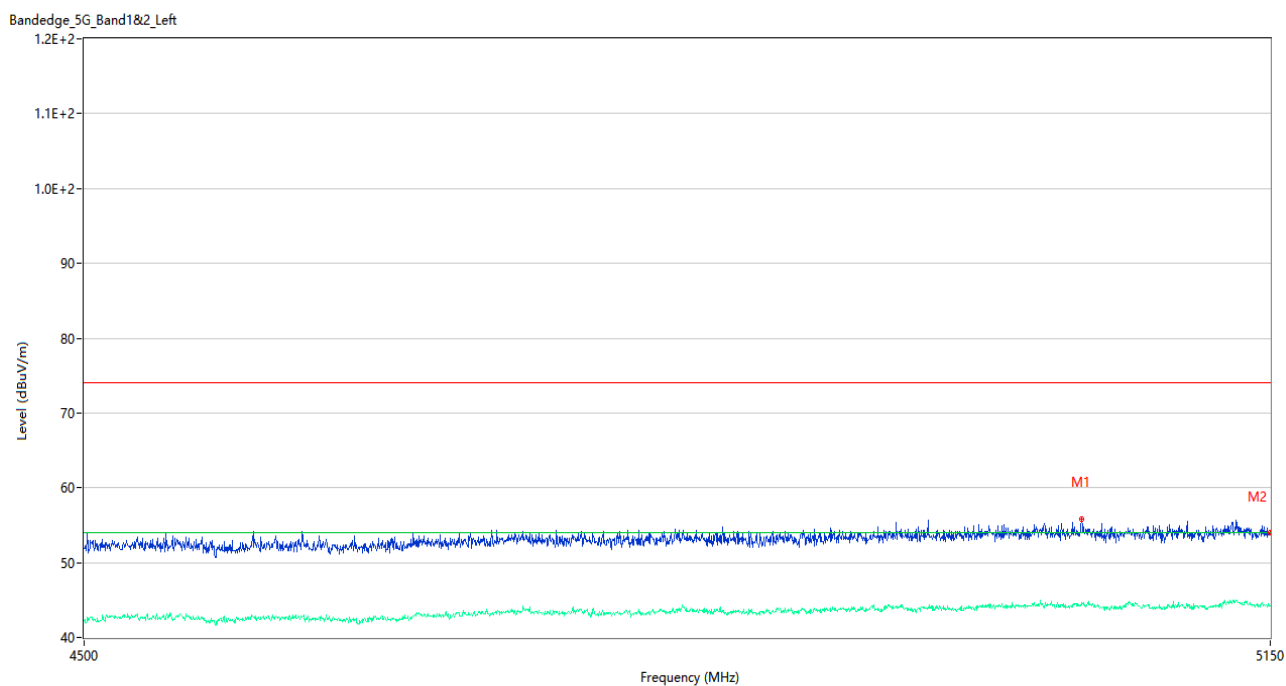
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5147.075        | 58.85            | 3.00        | 74.0           | 15.15       | Peak     | 178.00         | 100         | Horizontal | Pass    |
| 1** | 5147.075        | 47.83            | 3.00        | 54.0           | 6.17        | AV       | 178.00         | 100         | Horizontal | Pass    |
| 2   | 5150.000        | 57.96            | 2.86        | 74.0           | 16.04       | Peak     | 146.00         | 200         | Horizontal | Pass    |
| 2** | 5150.000        | 47.77            | 2.86        | 54.0           | 6.23        | AV       | 146.00         | 200         | 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   | 5350.055        | 56.53            | 3.30        | 74.0           | 17.47       | Peak     | 285.00         | 150         | Horizontal | Pass    |
| 1** | 5350.055        | 45.75            | 3.30        | 54.0           | 8.25        | AV       | 285.00         | 150         | Horizontal | Pass    |
| 2   | 5350.275        | 57.06            | 3.20        | 74.0           | 16.94       | Peak     | 257.00         | 200         | Horizontal | Pass    |
| 2** | 5350.275        | 45.82            | 3.20        | 54.0           | 8.18        | AV       | 257.00         | 200         | Horizontal | Pass    |

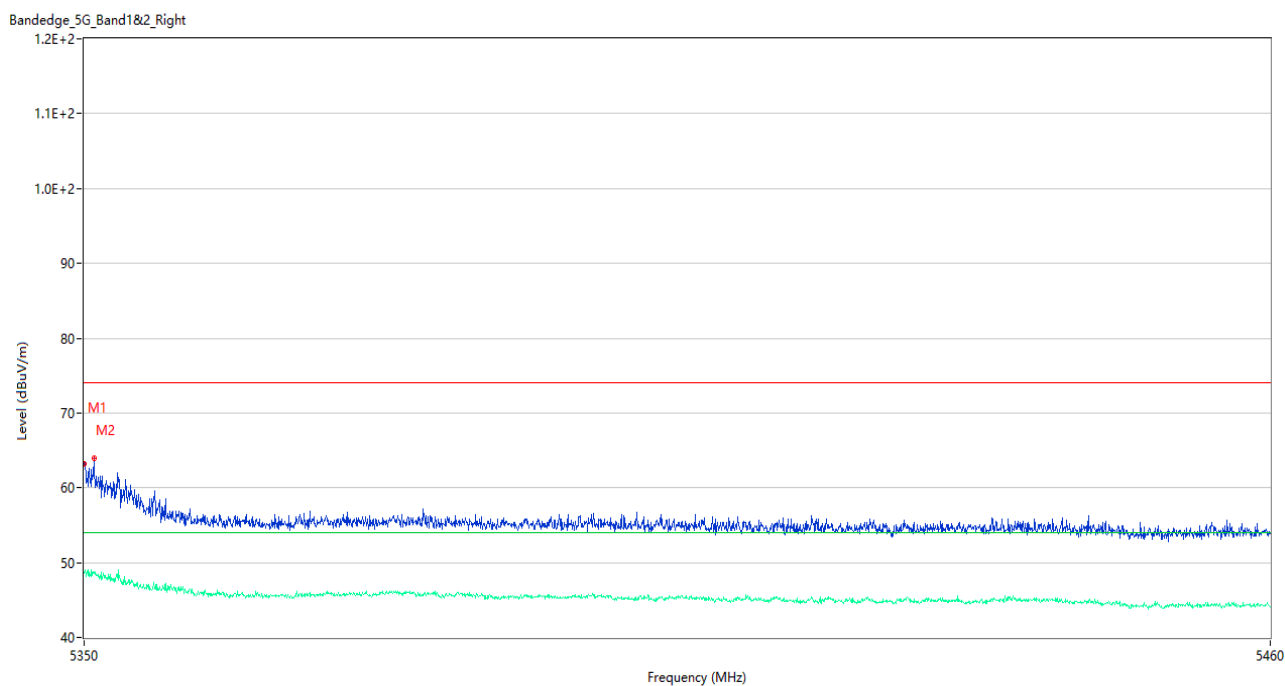
## U-NII-2A 11a Low Channel



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5040.800        | 55.81            | 3.12        | 74.0           | 18.19       | Peak     | 11.00          | 200         | Horizontal | Pass    |
| 1** | 5040.800        | 44.72            | 3.12        | 54.0           | 9.28        | AV       | 11.00          | 200         | Horizontal | Pass    |
| 2   | 5150.000        | 53.96            | 2.86        | 74.0           | 20.04       | Peak     | 79.00          | 100         | Horizontal | Pass    |
| 2** | 5150.000        | 44.24            | 2.86        | 54.0           | 9.76        | AV       | 79.00          | 100         | Horizontal | Pass    |

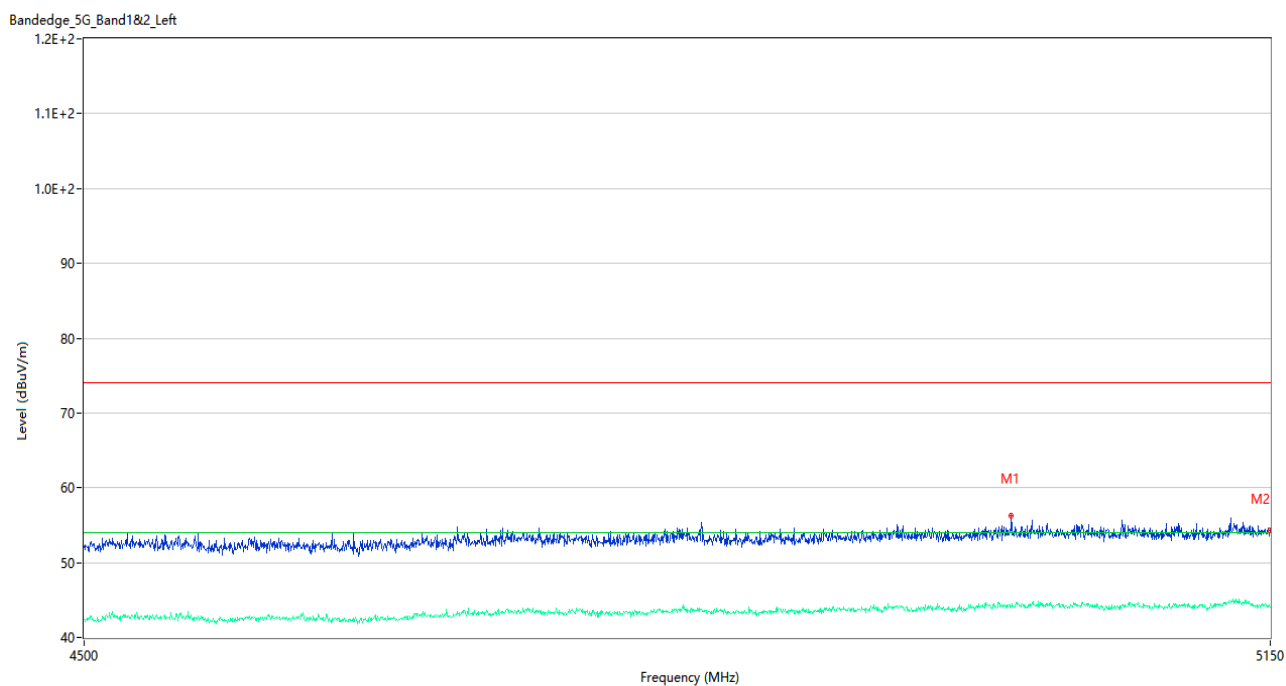


## U-NII-2A 11a High Channel



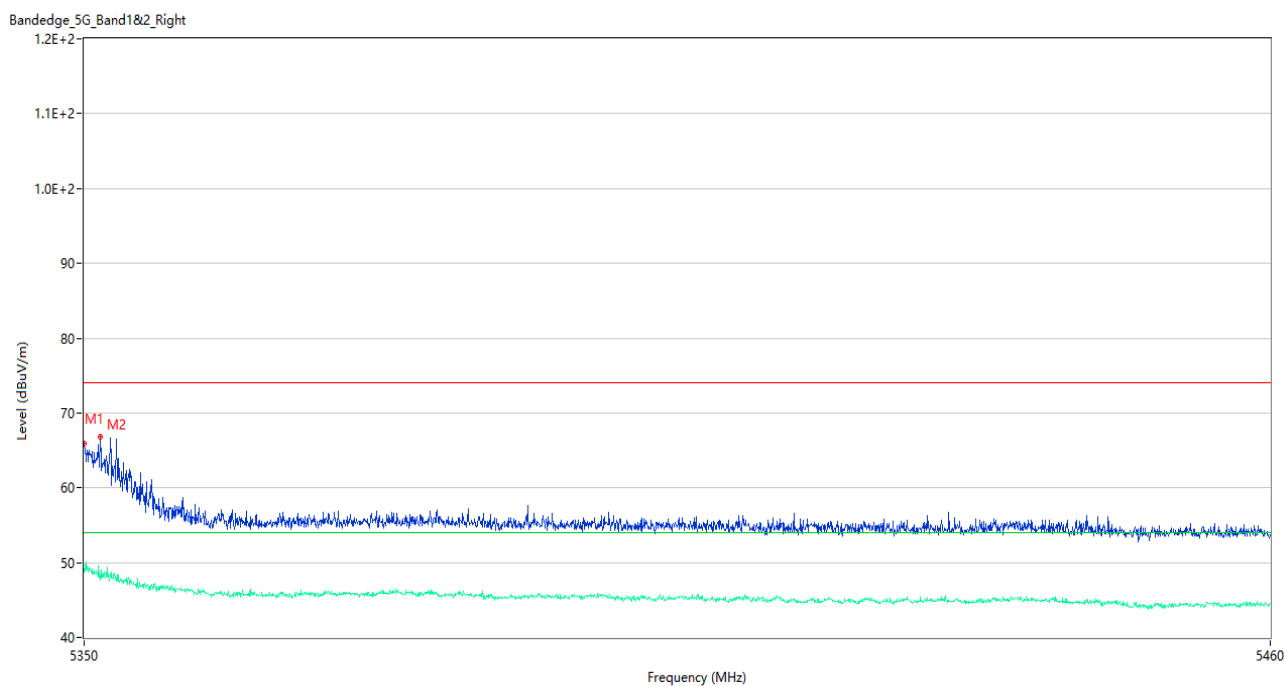
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 63.15            | 3.32        | 74.0           | 10.85       | Peak     | 151.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 48.57            | 3.32        | 54.0           | 5.43        | AV       | 151.00         | 100         | Horizontal | Pass    |
| 2   | 5350.880        | 64.01            | 3.25        | 74.0           | 9.99        | Peak     | 151.00         | 200         | Horizontal | Pass    |
| 2** | 5350.880        | 48.71            | 3.25        | 54.0           | 5.29        | AV       | 151.00         | 200         | Horizontal | Pass    |

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



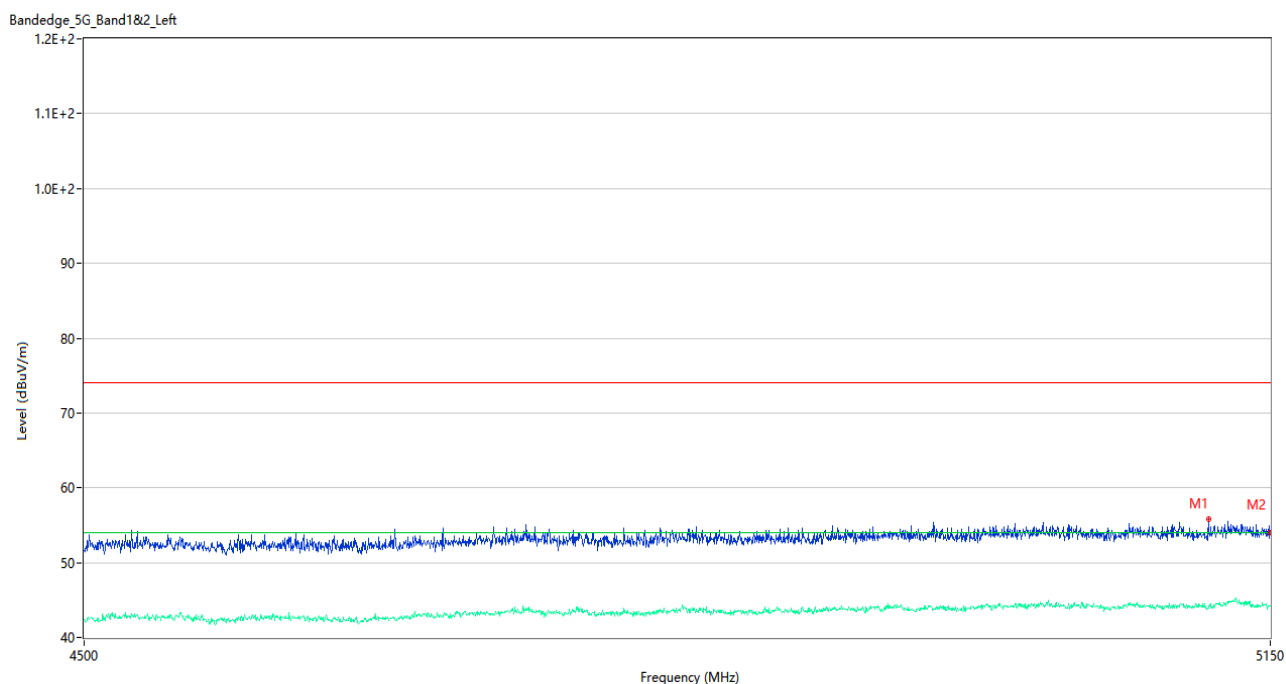
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5000.500        | 56.20            | 2.65        | 74.0           | 17.80       | Peak     | 355.00         | 200         | Horizontal | Pass    |
| 1** | 5000.500        | 44.00            | 2.65        | 54.0           | 10.00       | AV       | 355.00         | 200         | Horizontal | Pass    |
| 2   | 5150.000        | 54.31            | 2.86        | 74.0           | 19.69       | Peak     | 138.00         | 100         | Horizontal | Pass    |
| 2** | 5150.000        | 44.08            | 2.86        | 54.0           | 9.92        | AV       | 138.00         | 100         | Horizontal | Pass    |

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



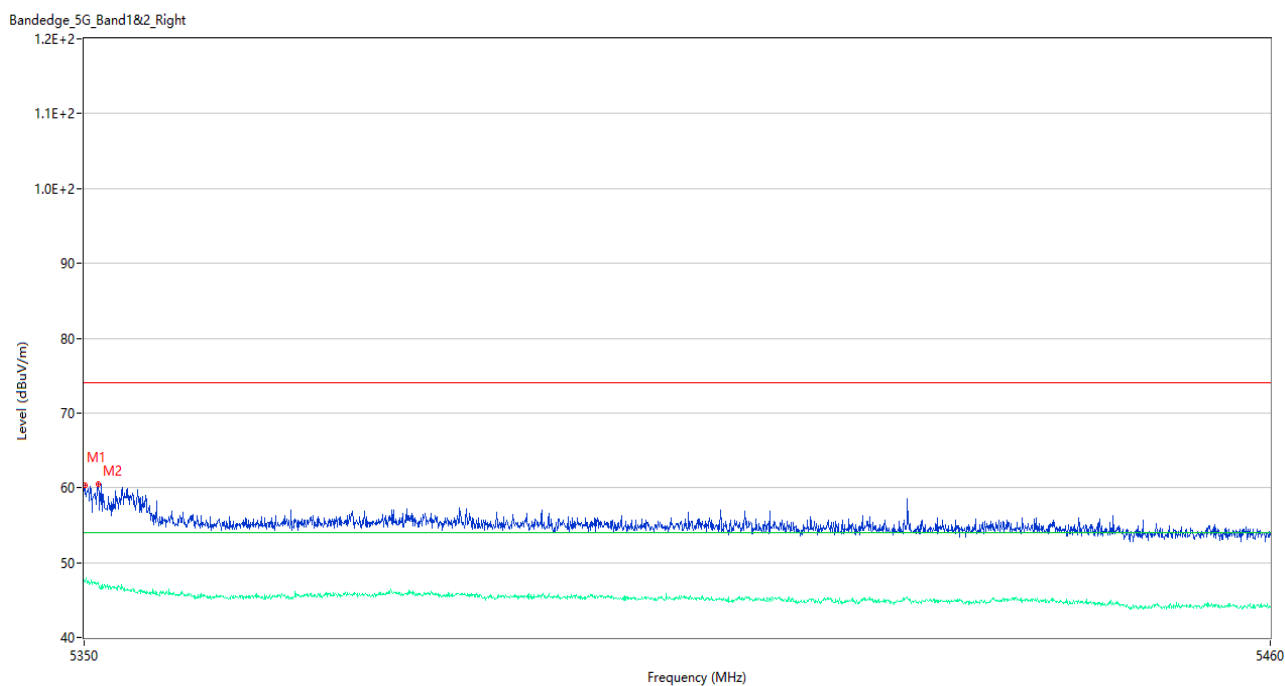
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 65.96            | 3.32        | 74.0           | 8.04        | Peak     | 142.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 48.70            | 3.32        | 54.0           | 5.30        | AV       | 142.00         | 100         | Horizontal | Pass    |
| 2   | 5351.485        | 66.75            | 3.06        | 74.0           | 7.25        | Peak     | 145.00         | 100         | Horizontal | Pass    |
| 2** | 5351.485        | 47.74            | 3.06        | 54.0           | 6.26        | AV       | 145.00         | 100         | Horizontal | Pass    |

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



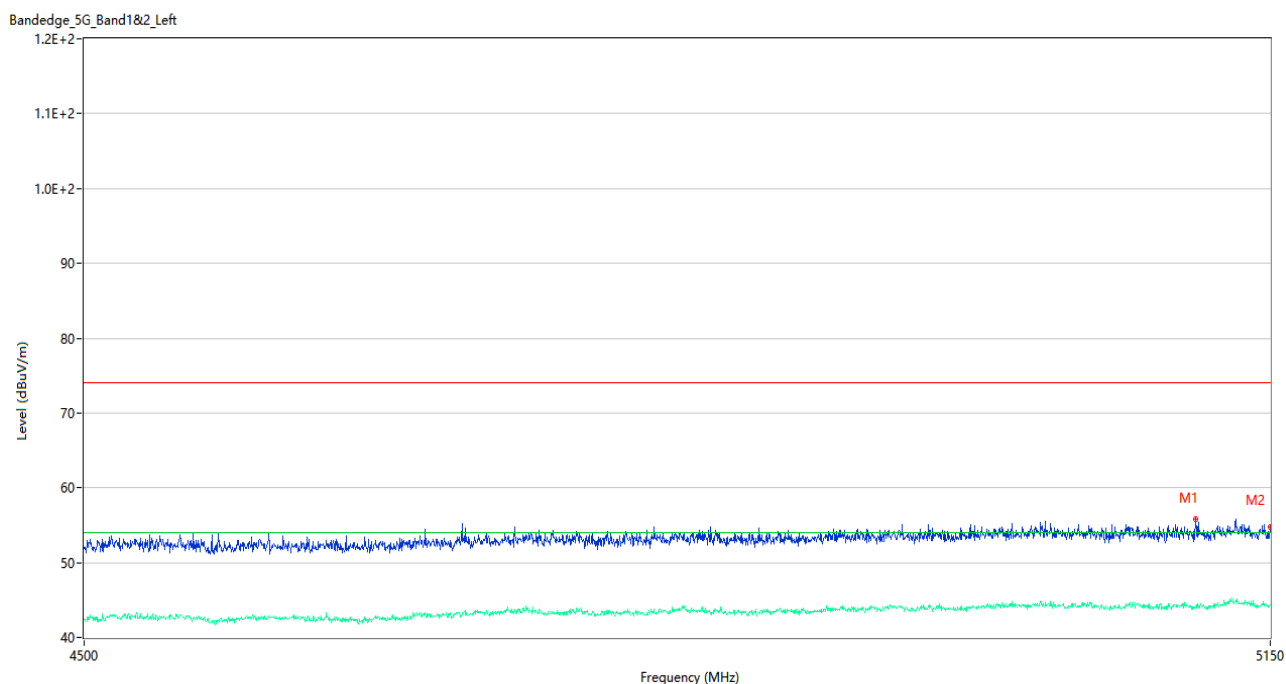
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5113.925        | 55.80            | 2.49        | 74.0           | 18.20       | Peak     | 314.00         | 150         | Horizontal | Pass    |
| 1** | 5113.925        | 43.95            | 2.49        | 54.0           | 10.05       | AV       | 314.00         | 150         | Horizontal | Pass    |
| 2   | 5150.000        | 54.04            | 2.86        | 74.0           | 19.96       | Peak     | 166.00         | 200         | Horizontal | Pass    |
| 2** | 5150.000        | 44.16            | 2.86        | 54.0           | 9.84        | AV       | 166.00         | 200         | Horizontal | Pass    |

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



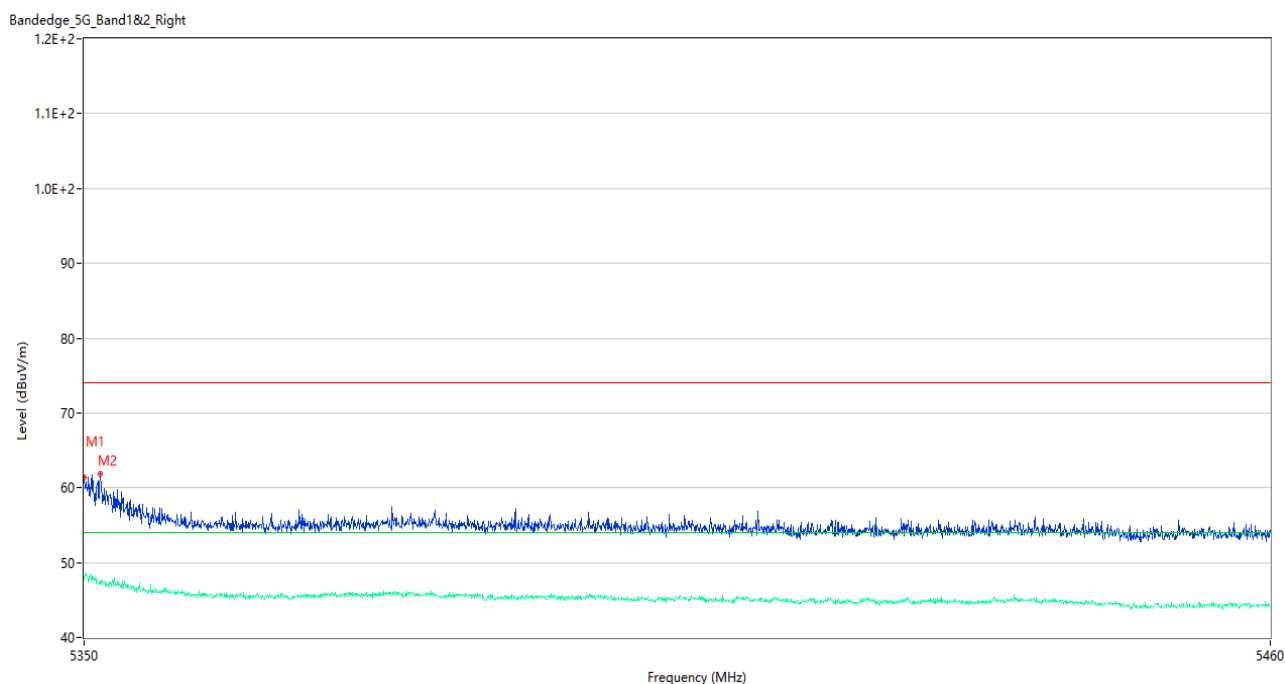
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.055        | 60.38            | 3.30        | 74.0           | 13.62       | Peak     | 143.00         | 200         | Horizontal | Pass    |
| 1** | 5350.055        | 47.31            | 3.30        | 54.0           | 6.69        | AV       | 143.00         | 200         | Horizontal | Pass    |
| 2   | 5351.265        | 60.49            | 3.07        | 74.0           | 13.51       | Peak     | 190.00         | 100         | Horizontal | Pass    |
| 2** | 5351.265        | 47.42            | 3.07        | 54.0           | 6.58        | AV       | 190.00         | 100         | Horizontal | Pass    |

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



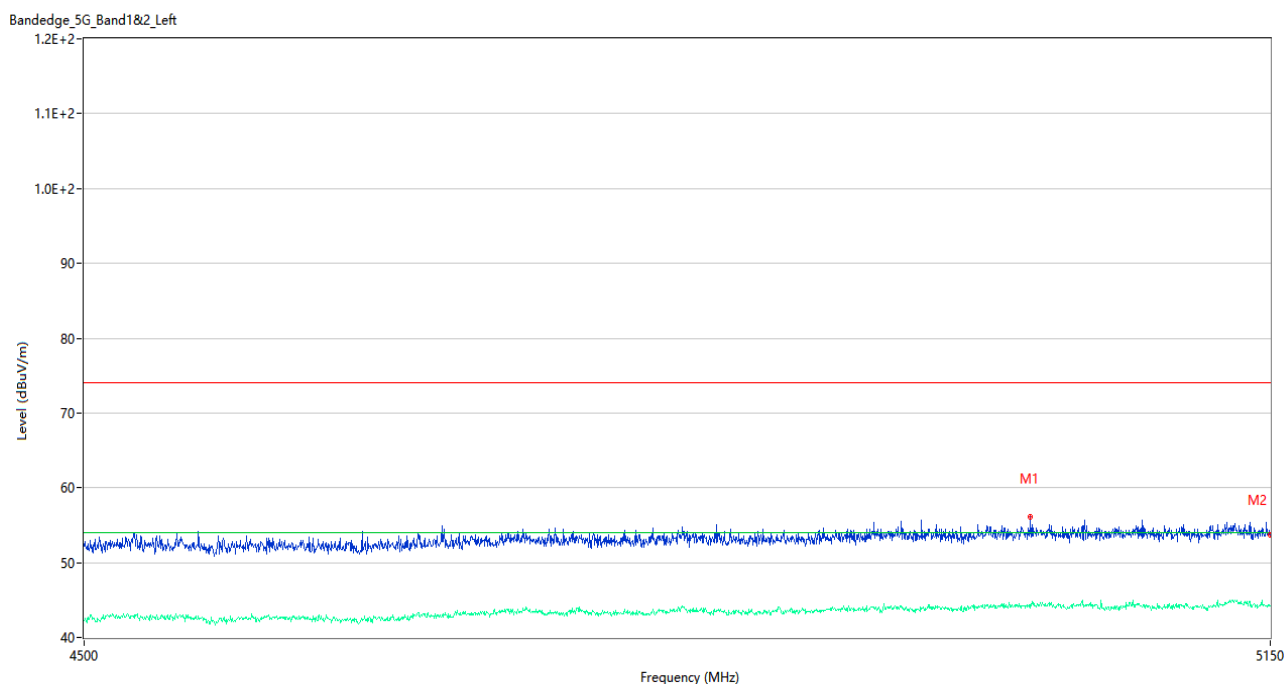
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5106.450        | 55.87            | 2.83        | 74.0           | 18.13       | Peak     | 325.00         | 200         | Horizontal | Pass    |
| 1** | 5106.450        | 44.27            | 2.83        | 54.0           | 9.73        | AV       | 325.00         | 200         | Horizontal | Pass    |
| 2   | 5150.000        | 54.69            | 2.86        | 74.0           | 19.31       | Peak     | 142.00         | 150         | Horizontal | Pass    |
| 2** | 5150.000        | 44.34            | 2.86        | 54.0           | 9.66        | AV       | 142.00         | 150         | 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        | 61.36            | 3.32        | 74.0           | 12.64       | Peak     | 256.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 47.84            | 3.32        | 54.0           | 6.16        | AV       | 256.00         | 200         | Horizontal | Pass    |
| 2   | 5351.485        | 61.78            | 3.06        | 74.0           | 12.22       | Peak     | 247.00         | 150         | Horizontal | Pass    |
| 2** | 5351.485        | 47.44            | 3.06        | 54.0           | 6.56        | AV       | 247.00         | 150         | Horizontal | Pass    |

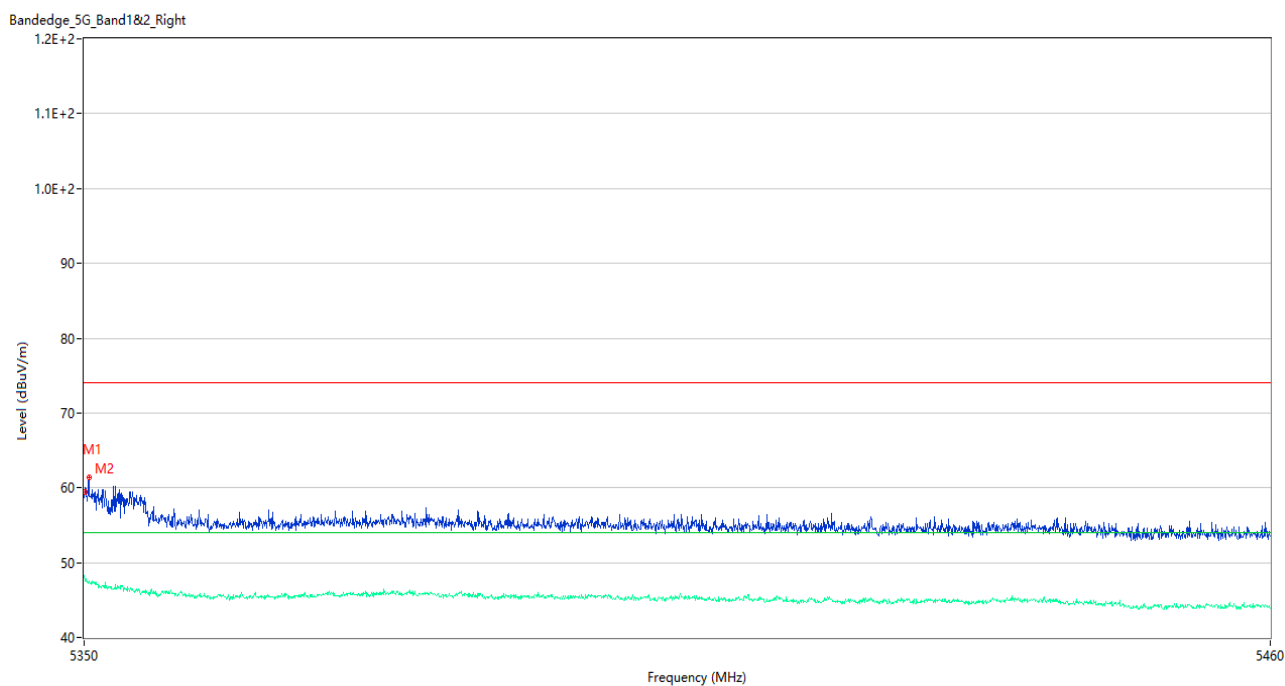
## U-NII-2A 11ac40 Low Channel



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5011.550        | 56.18            | 2.77        | 74.0           | 17.82       | Peak     | 149.00         | 100         | Horizontal | Pass    |
| 1** | 5011.550        | 43.93            | 2.77        | 54.0           | 10.07       | AV       | 149.00         | 100         | Horizontal | Pass    |
| 2   | 5150.000        | 53.76            | 2.86        | 74.0           | 20.24       | Peak     | 13.00          | 150         | Horizontal | Pass    |
| 2** | 5150.000        | 44.16            | 2.86        | 54.0           | 9.84        | AV       | 13.00          | 150         | Horizontal | Pass    |

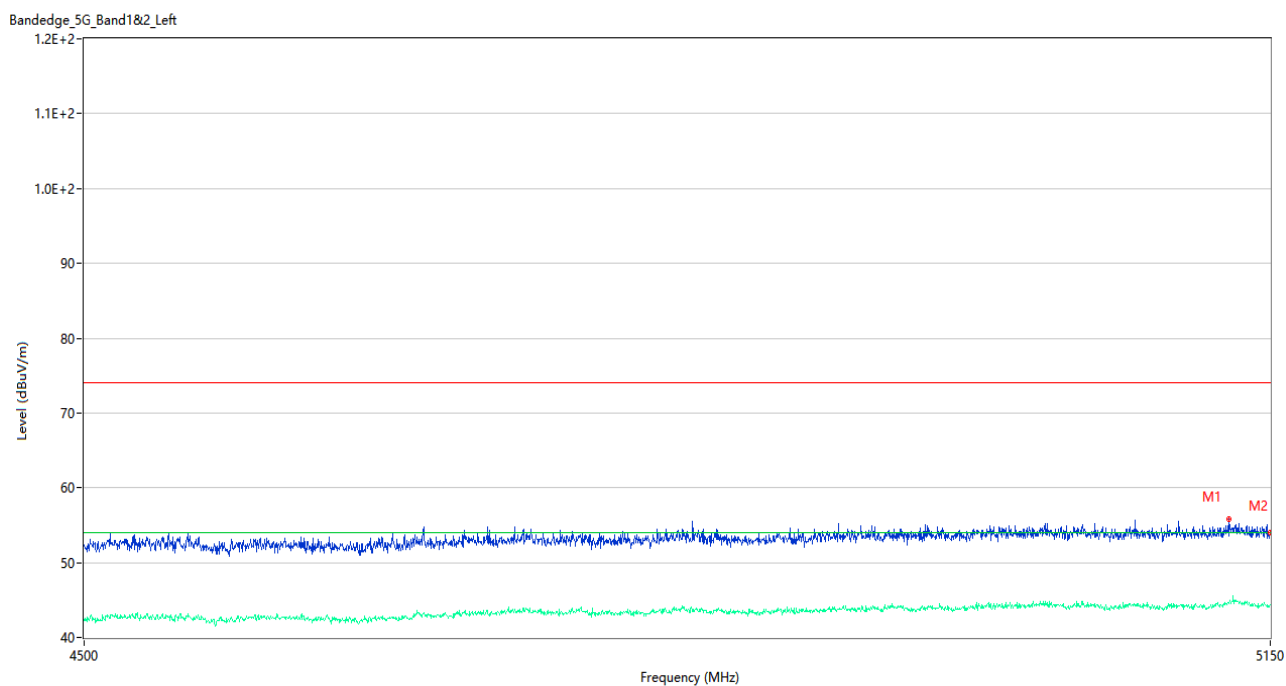


## U-NII-2A 11ac40 High Channel



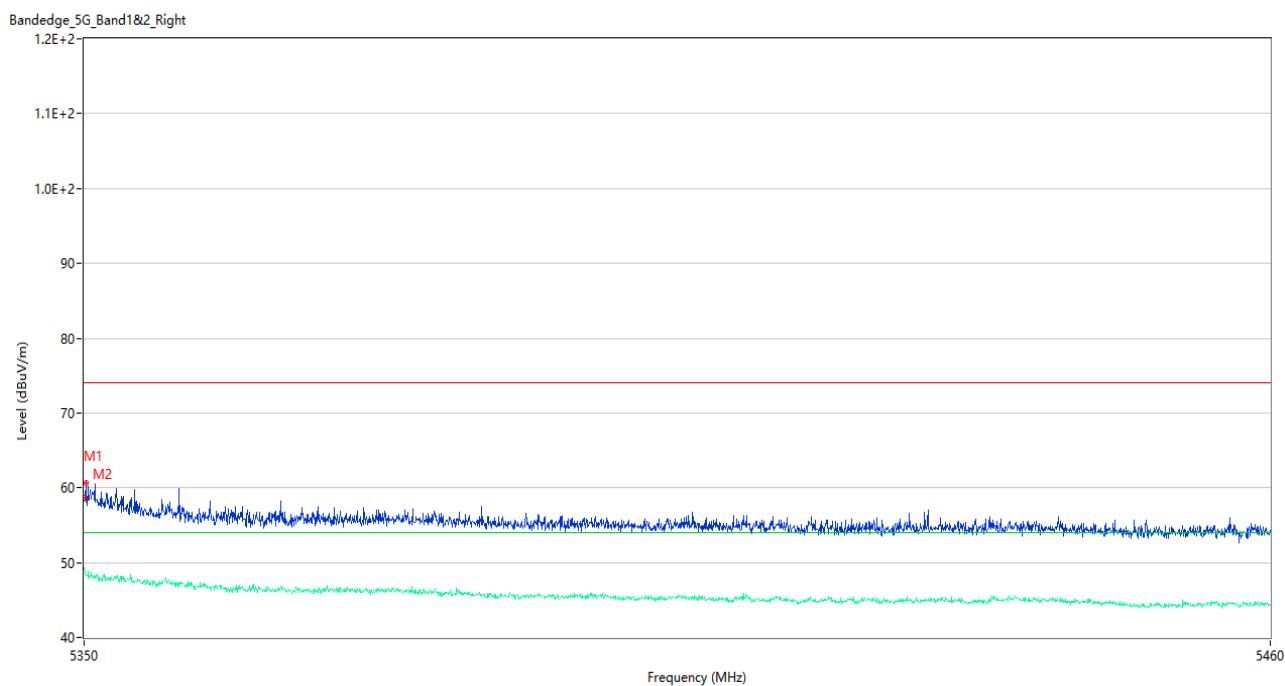
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.055        | 59.38            | 3.30        | 74.0           | 14.62       | Peak     | 179.00         | 150         | Horizontal | Pass    |
| 1** | 5350.055        | 47.52            | 3.30        | 54.0           | 6.48        | AV       | 179.00         | 150         | Horizontal | Pass    |
| 2   | 5350.440        | 61.45            | 3.12        | 74.0           | 12.55       | Peak     | 172.00         | 200         | Horizontal | Pass    |
| 2** | 5350.440        | 47.47            | 3.12        | 54.0           | 6.53        | AV       | 172.00         | 200         | Horizontal | Pass    |

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



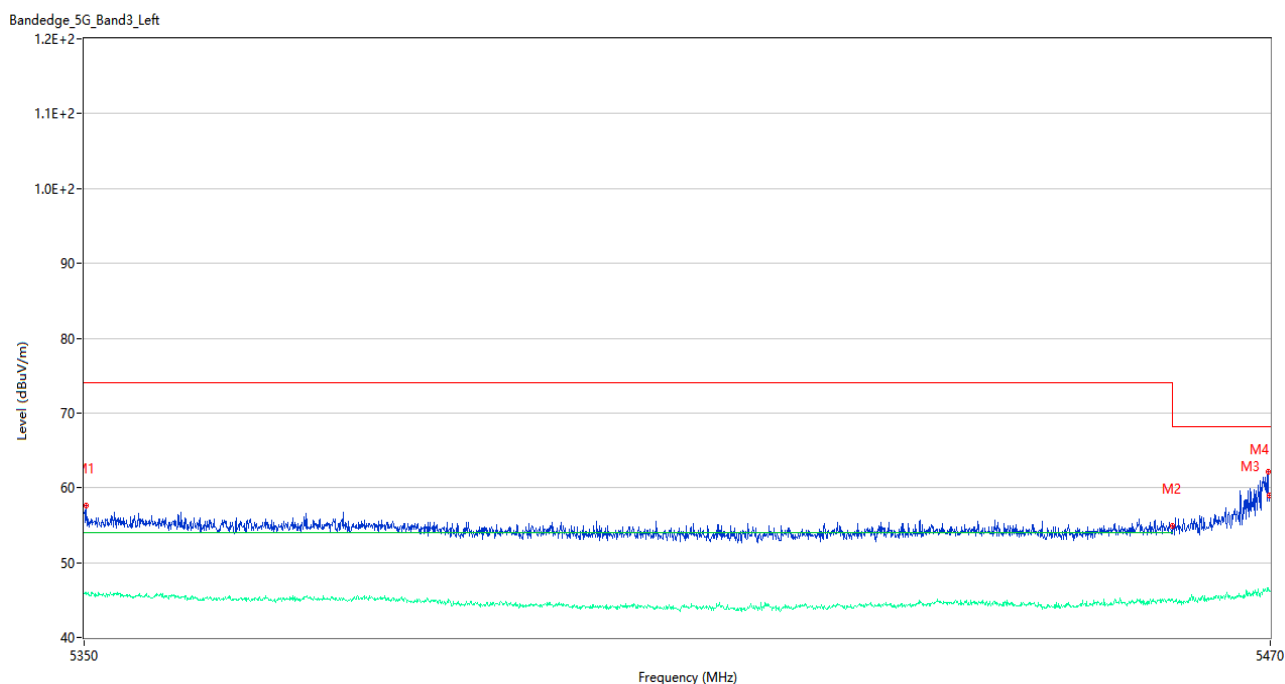
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5125.625        | 55.79            | 3.23        | 74.0           | 18.21       | Peak     | 183.00         | 150         | Horizontal | Pass    |
| 1** | 5125.625        | 44.66            | 3.23        | 54.0           | 9.34        | AV       | 183.00         | 150         | Horizontal | Pass    |
| 2   | 5150.000        | 53.97            | 2.86        | 74.0           | 20.03       | Peak     | 288.00         | 200         | Horizontal | Pass    |
| 2** | 5150.000        | 44.34            | 2.86        | 54.0           | 9.66        | AV       | 288.00         | 200         | Horizontal | Pass    |

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



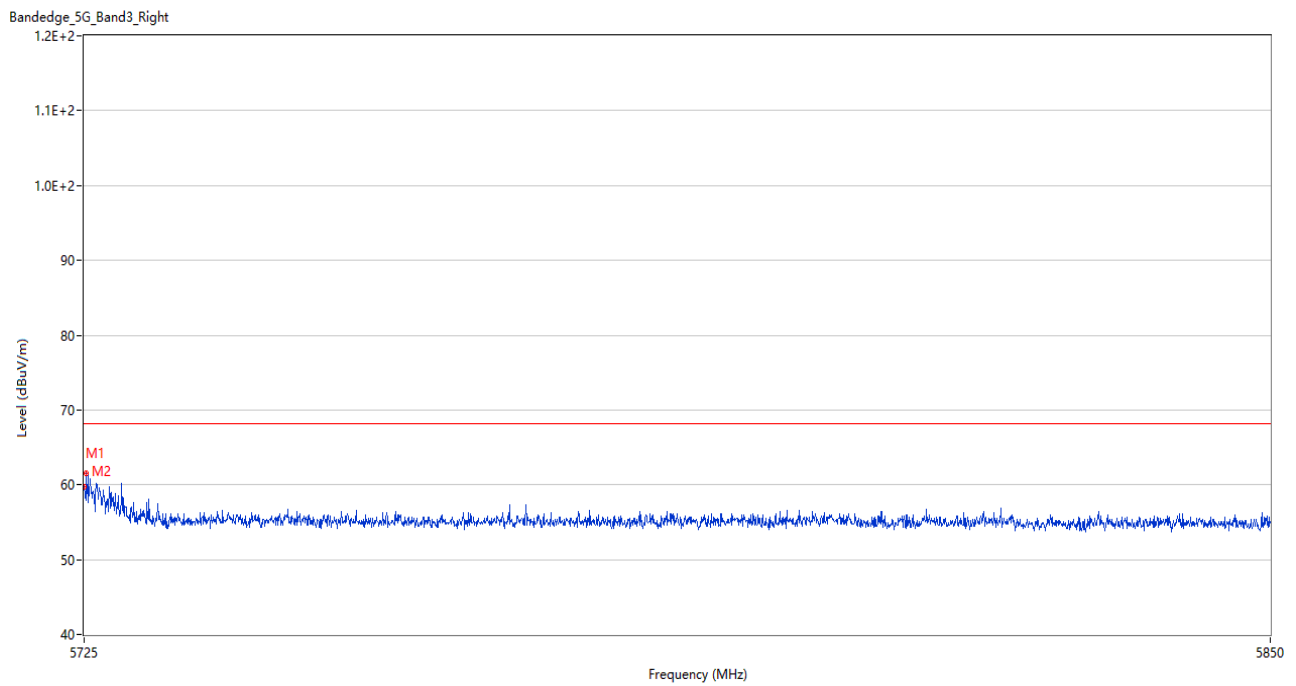
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.055        | 58.69            | 3.30        | 74.0           | 15.31       | Peak     | 175.00         | 200         | Horizontal | Pass    |
| 1** | 5350.055        | 48.61            | 3.30        | 54.0           | 5.39        | AV       | 175.00         | 200         | Horizontal | Pass    |
| 2   | 5350.165        | 60.61            | 3.25        | 74.0           | 13.39       | Peak     | 168.00         | 150         | Horizontal | Pass    |
| 2** | 5350.165        | 48.33            | 3.25        | 54.0           | 5.67        | AV       | 168.00         | 150         | Horizontal | Pass    |

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



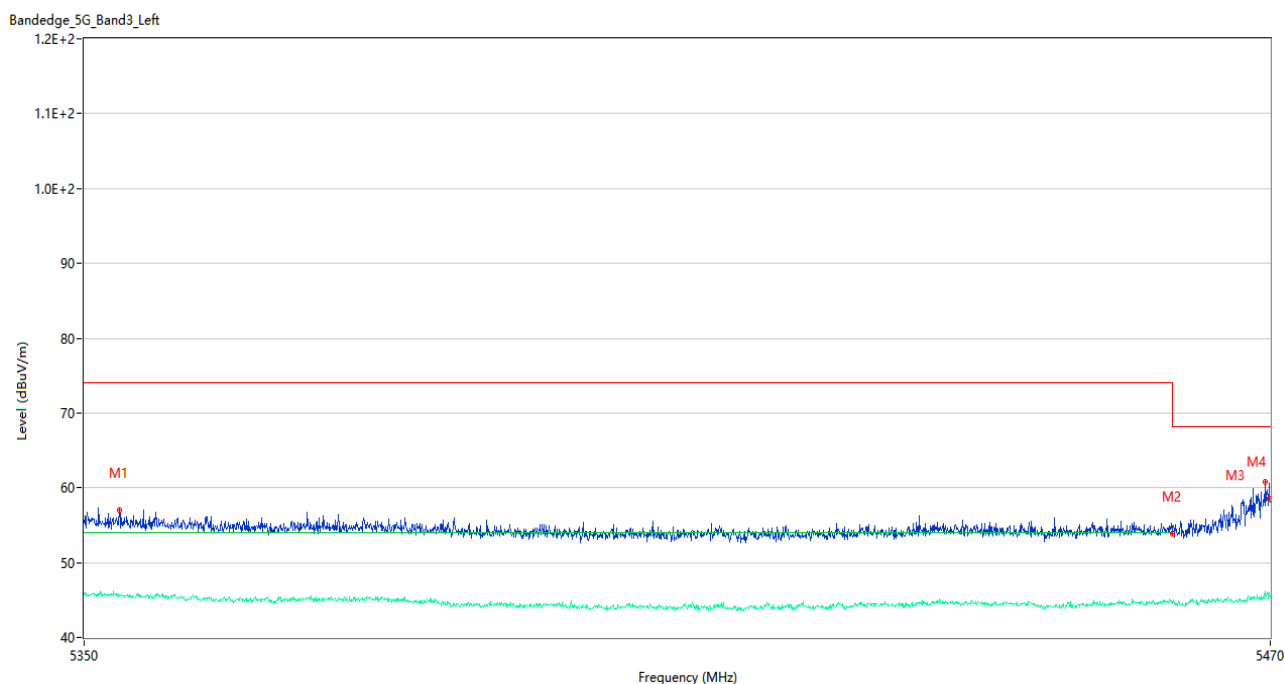
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.240        | 57.56            | 3.21        | 74.0           | 16.44       | Peak     | 347.00         | 200         | Horizontal | Pass    |
| 1** | 5350.240        | 45.69            | 3.21        | 54.0           | 8.31        | AV       | 347.00         | 200         | Horizontal | Pass    |
| 2   | 5459.980        | 54.96            | 3.49        | 74.0           | 19.04       | Peak     | 180.00         | 150         | Horizontal | Pass    |
| 2** | 5459.980        | 44.99            | 3.49        | 54.0           | 9.01        | AV       | 180.00         | 150         | Horizontal | Pass    |
| 3   | 5469.760        | 62.14            | 3.28        | 68.2           | 6.06        | Peak     | 144.00         | 150         | Horizontal | Pass    |
| 3** | 5469.760        | 46.32            | 3.28        | --             | --          | AV       | 144.00         | 150         | Horizontal | N/A     |
| 4   | 5469.940        | 58.95            | 3.29        | 68.2           | 9.25        | Peak     | 192.00         | 150         | Horizontal | Pass    |
| 4** | 5469.940        | 46.13            | 3.29        | --             | --          | AV       | 192.00         | 150         | Horizontal | N/A     |

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



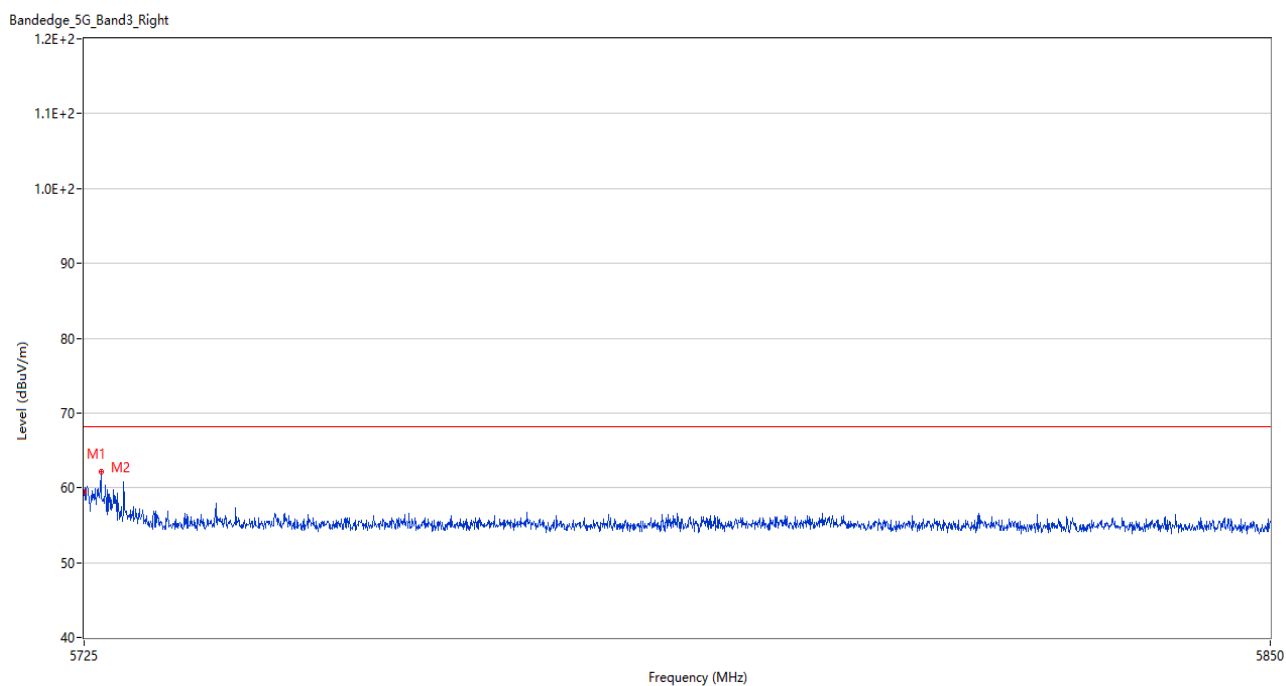
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 59.78            | 3.51        | 68.2           | 8.42        | Peak     | 127.00         | 100         | Horizontal | Pass    |
| 2   | 5725.250        | 61.49            | 3.24        | 68.2           | 6.71        | Peak     | 157.00         | 150         | Horizontal | Pass    |

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



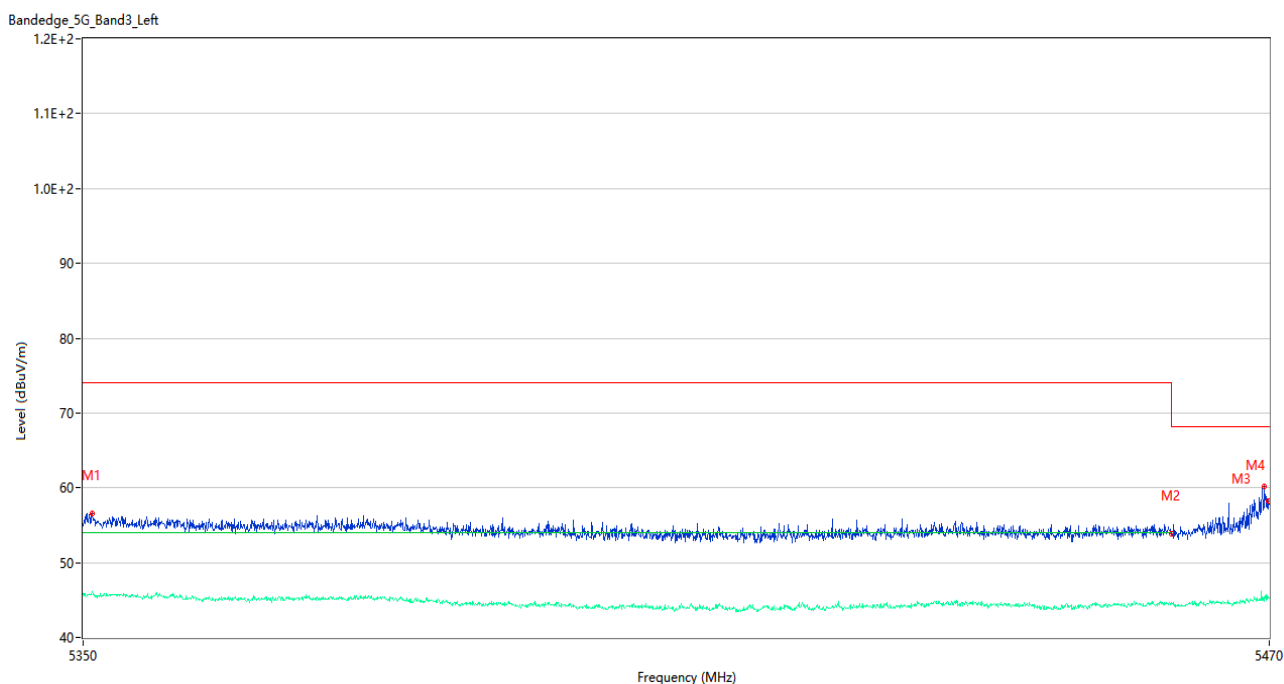
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5353.540        | 57.00            | 3.13        | 74.0           | 17.00       | Peak     | 130.00         | 150         | Horizontal | Pass    |
| 1** | 5353.540        | 45.65            | 3.13        | 54.0           | 8.35        | AV       | 130.00         | 150         | Horizontal | Pass    |
| 2   | 5459.980        | 53.90            | 3.49        | 74.0           | 20.10       | Peak     | 193.00         | 150         | Horizontal | Pass    |
| 2** | 5459.980        | 44.58            | 3.49        | 54.0           | 9.42        | AV       | 193.00         | 150         | Horizontal | Pass    |
| 3   | 5469.520        | 60.74            | 3.30        | 68.2           | 7.46        | Peak     | 183.00         | 200         | Horizontal | Pass    |
| 3** | 5469.520        | 45.67            | 3.30        | --             | --          | AV       | 183.00         | 200         | Horizontal | N/A     |
| 4   | 5469.940        | 58.60            | 3.29        | 68.2           | 9.60        | Peak     | 238.00         | 150         | Horizontal | Pass    |
| 4** | 5469.940        | 45.94            | 3.29        | --             | --          | AV       | 238.00         | 150         | 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        | 59.38            | 3.51        | 68.2           | 8.82        | Peak     | 152.00         | 100         | Horizontal | Pass    |
| 2   | 5726.750        | 62.21            | 3.81        | 68.2           | 5.99        | Peak     | 152.00         | 200         | Horizontal | Pass    |

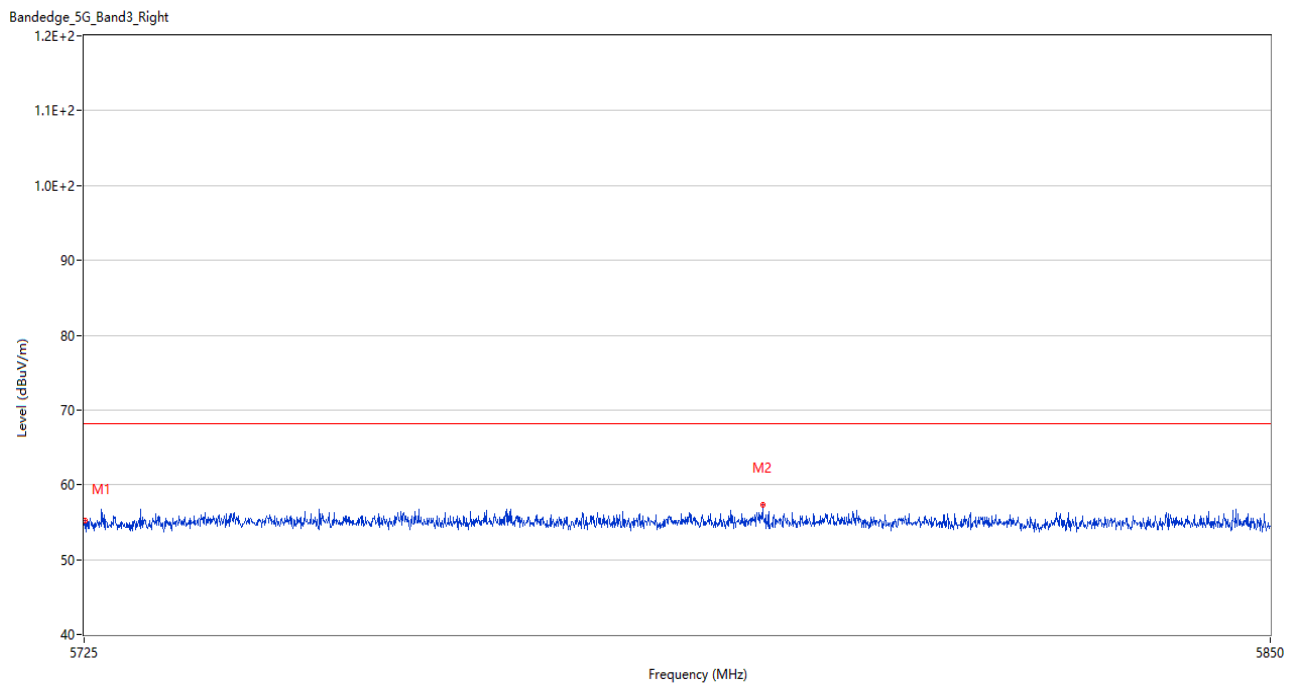
## U-NII-2C 11n40 Low Channel



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.900        | 56.65            | 3.24        | 74.0           | 17.35       | Peak     | 197.00         | 200         | Horizontal | Pass    |
| 1** | 5350.900        | 46.25            | 3.24        | 54.0           | 7.75        | AV       | 197.00         | 200         | Horizontal | Pass    |
| 2   | 5459.980        | 53.92            | 3.49        | 74.0           | 20.08       | Peak     | 233.00         | 200         | Horizontal | Pass    |
| 2** | 5459.980        | 44.53            | 3.49        | 54.0           | 9.47        | AV       | 233.00         | 200         | Horizontal | Pass    |
| 3   | 5469.520        | 60.14            | 3.30        | 68.2           | 8.06        | Peak     | 156.00         | 100         | Horizontal | Pass    |
| 3** | 5469.520        | 45.30            | 3.30        | --             | --          | AV       | 156.00         | 100         | Horizontal | N/A     |
| 4   | 5469.940        | 58.22            | 3.29        | 68.2           | 9.98        | Peak     | 251.00         | 150         | Horizontal | Pass    |
| 4** | 5469.940        | 45.43            | 3.29        | --             | --          | AV       | 251.00         | 150         | Horizontal | N/A     |

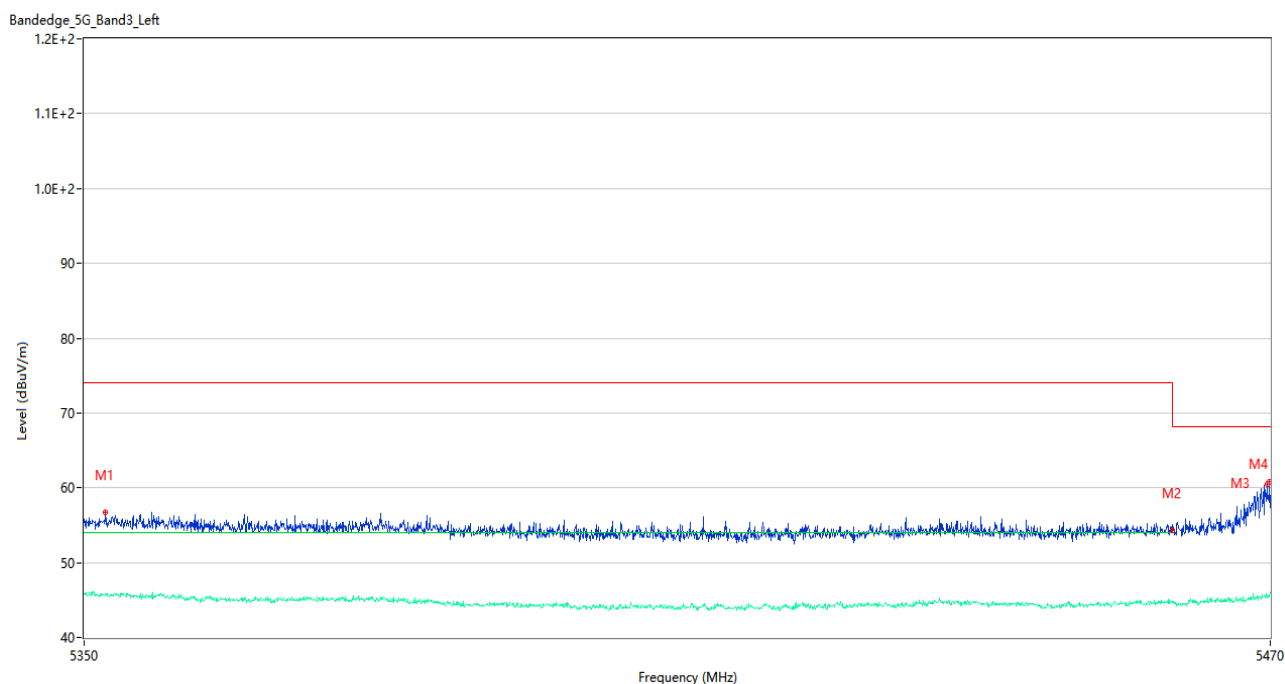


## U-NII-2C 11n40 High Channel



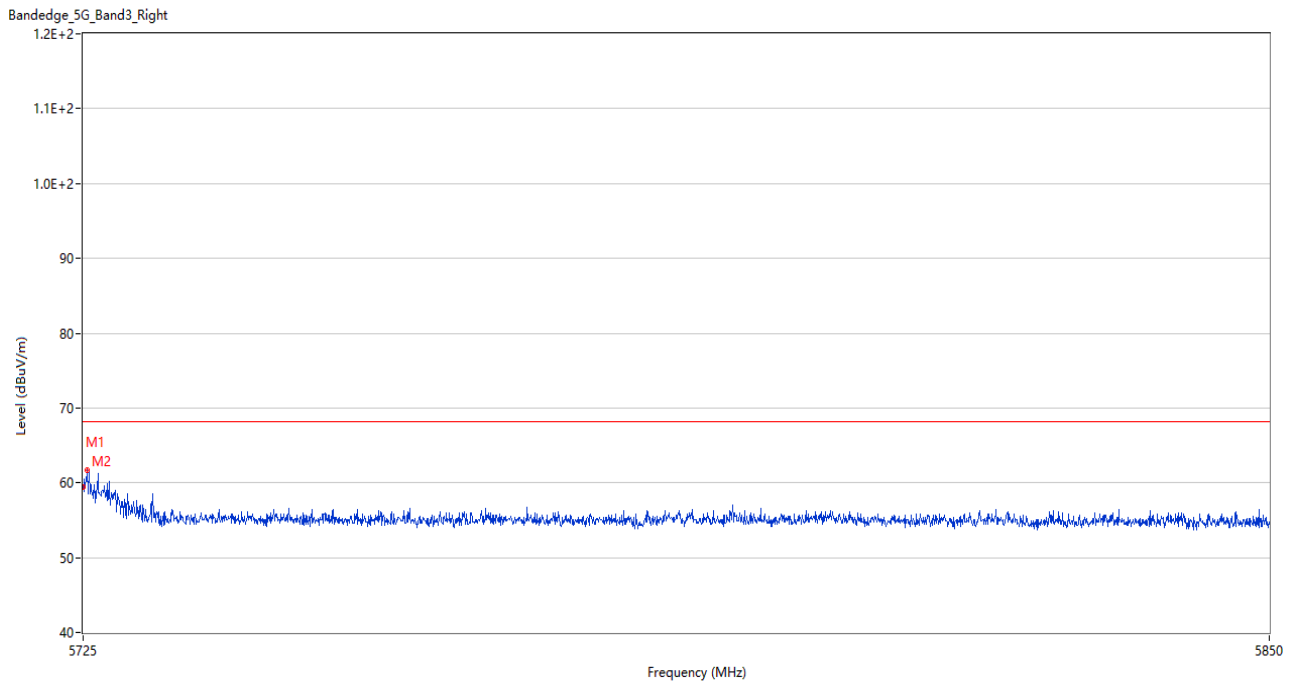
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.063        | 55.25            | 3.44        | 68.2           | 12.95       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 2   | 5796.188        | 57.29            | 3.54        | 68.2           | 10.91       | Peak     | 107.00         | 150         | Horizontal | Pass    |

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



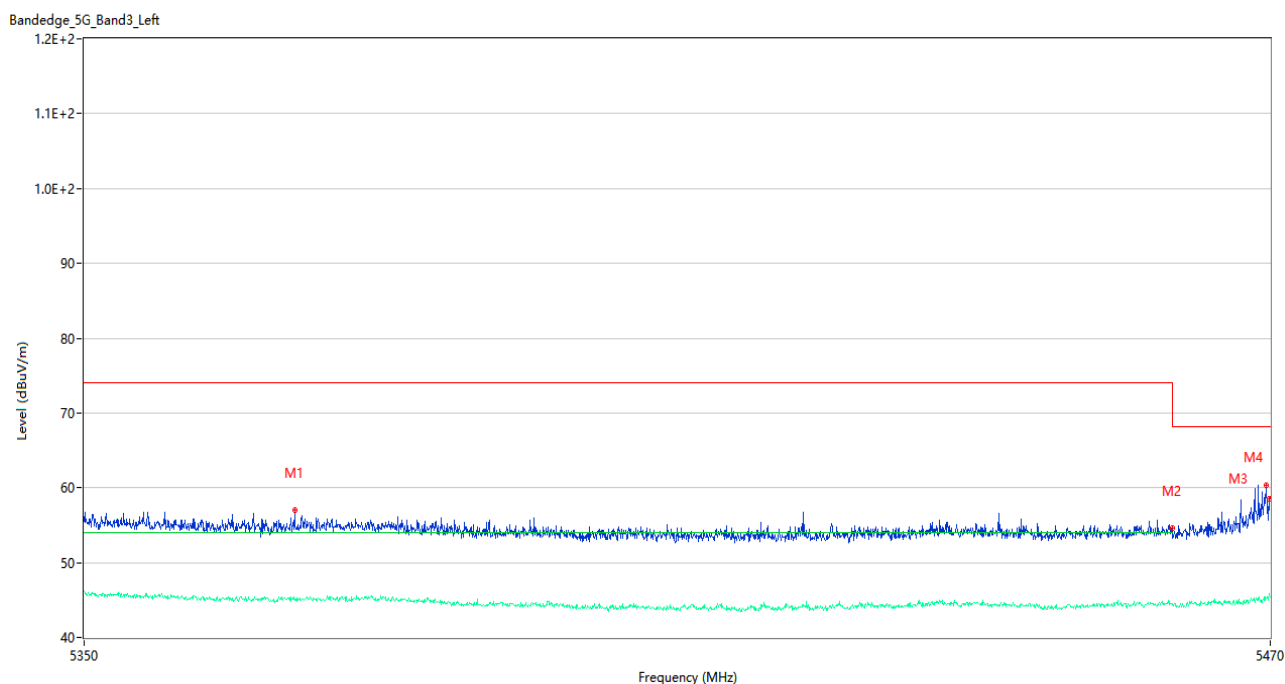
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5352.160        | 56.72            | 3.09        | 74.0           | 17.28       | Peak     | 320.00         | 150         | Horizontal | Pass    |
| 1** | 5352.160        | 45.84            | 3.09        | 54.0           | 8.16        | AV       | 320.00         | 150         | Horizontal | Pass    |
| 2   | 5459.980        | 54.35            | 3.49        | 74.0           | 19.65       | Peak     | 116.00         | 100         | Horizontal | Pass    |
| 2** | 5459.980        | 44.61            | 3.49        | 54.0           | 9.39        | AV       | 116.00         | 100         | Horizontal | Pass    |
| 3   | 5469.640        | 60.52            | 3.29        | 68.2           | 7.68        | Peak     | 183.00         | 150         | Horizontal | Pass    |
| 3** | 5469.640        | 45.34            | 3.29        | --             | --          | AV       | 183.00         | 150         | Horizontal | N/A     |
| 4   | 5469.940        | 60.84            | 3.29        | 68.2           | 7.36        | Peak     | 187.00         | 150         | Horizontal | Pass    |
| 4** | 5469.940        | 45.40            | 3.29        | --             | --          | AV       | 187.00         | 150         | Horizontal | N/A     |

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



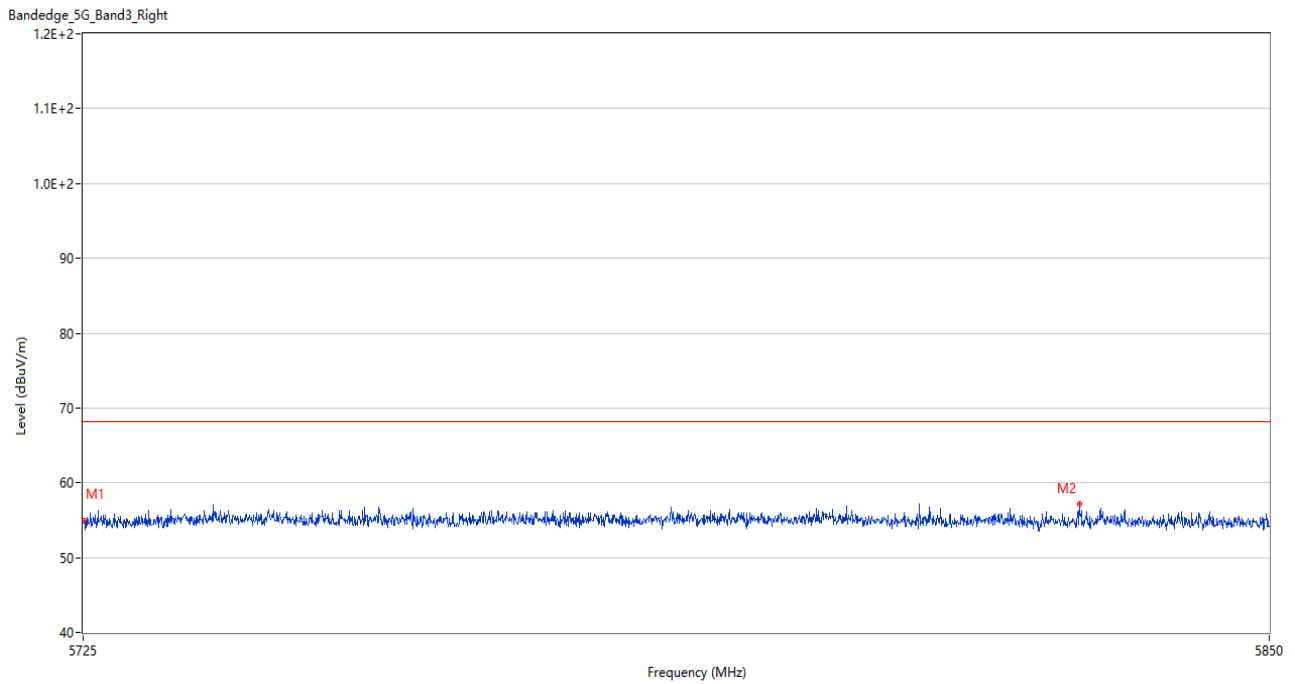
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 59.37            | 3.51        | 68.2           | 8.83        | Peak     | 148.00         | 100         | Horizontal | Pass    |
| 2   | 5725.437        | 61.62            | 3.42        | 68.2           | 6.58        | Peak     | 143.00         | 150         | Horizontal | Pass    |

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



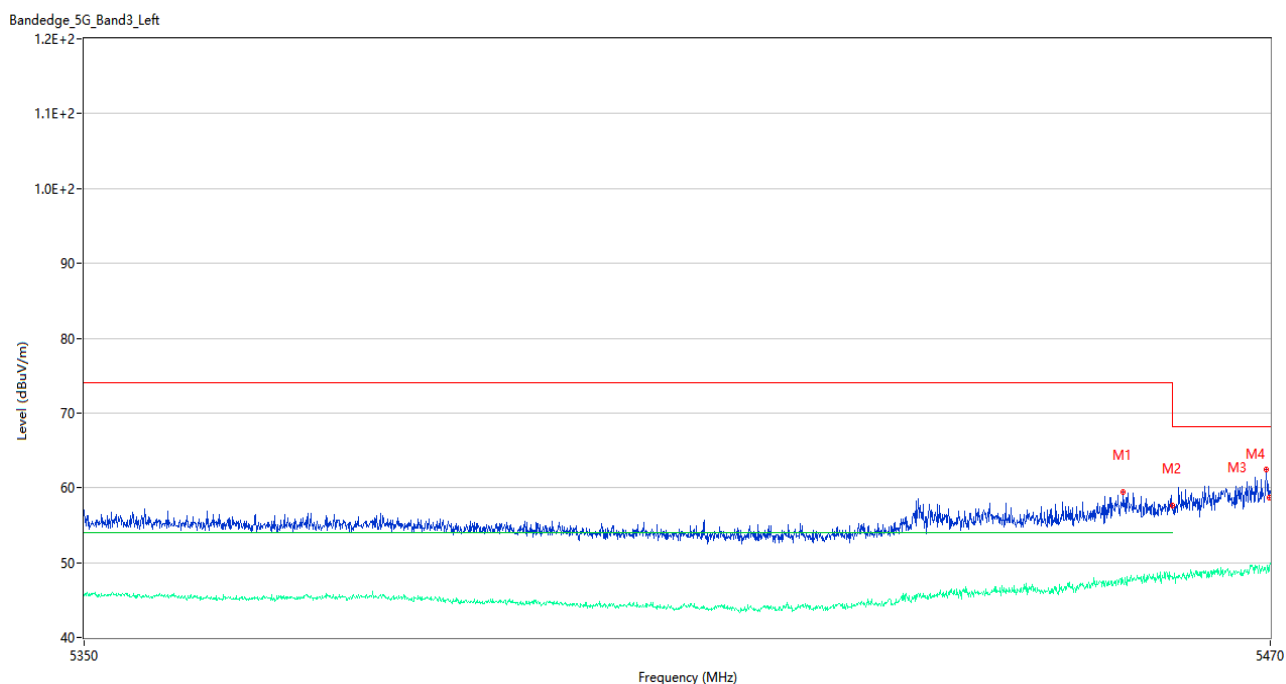
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5371.120        | 56.96            | 2.72        | 74.0           | 17.04       | Peak     | 82.00          | 100         | Horizontal | Pass    |
| 1** | 5371.120        | 45.17            | 2.72        | 54.0           | 8.83        | AV       | 82.00          | 100         | Horizontal | Pass    |
| 2   | 5459.980        | 54.55            | 3.49        | 74.0           | 19.45       | Peak     | 29.00          | 200         | Horizontal | Pass    |
| 2** | 5459.980        | 44.58            | 3.49        | 54.0           | 9.42        | AV       | 29.00          | 200         | Horizontal | Pass    |
| 3   | 5469.580        | 60.40            | 3.29        | 68.2           | 7.80        | Peak     | 244.00         | 100         | Horizontal | Pass    |
| 3** | 5469.580        | 45.32            | 3.29        | --             | --          | AV       | 244.00         | 100         | Horizontal | N/A     |
| 4   | 5469.940        | 58.58            | 3.29        | 68.2           | 9.62        | Peak     | 180.00         | 150         | Horizontal | Pass    |
| 4** | 5469.940        | 45.59            | 3.29        | --             | --          | AV       | 180.00         | 150         | Horizontal | N/A     |

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



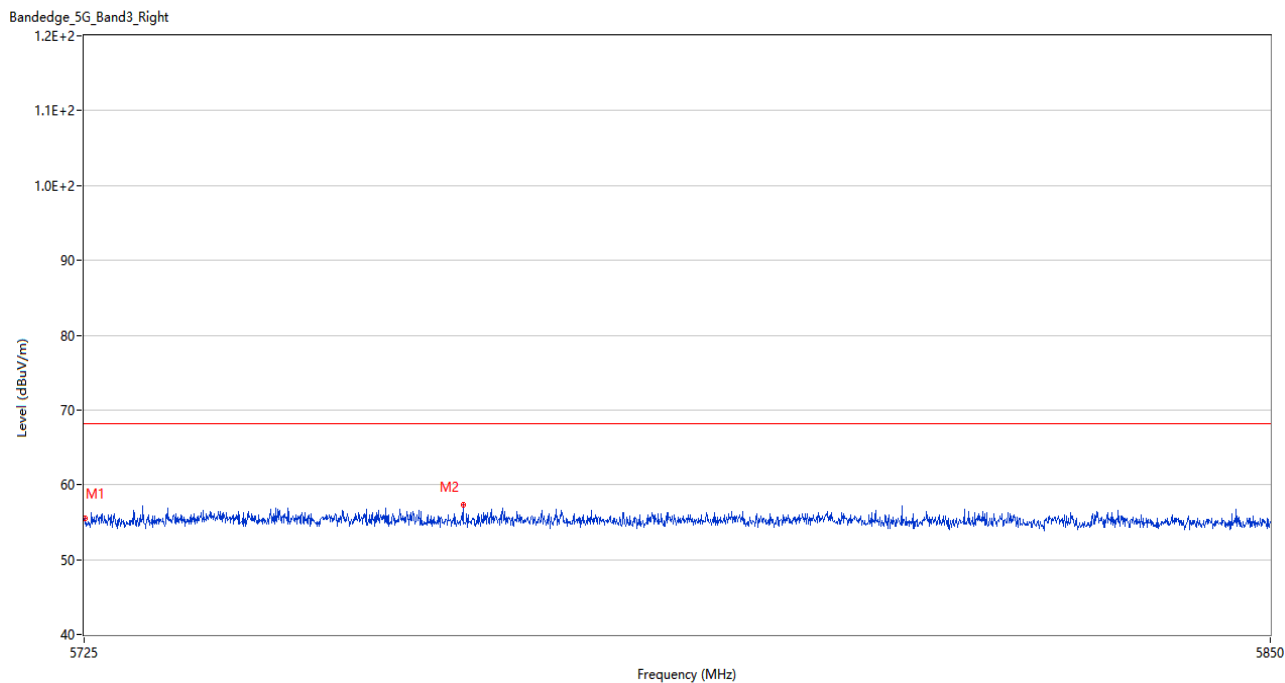
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.063        | 54.86            | 3.44        | 68.2           | 13.34       | Peak     | 104.00         | 150         | Horizontal | Pass    |
| 2   | 5829.813        | 57.20            | 3.00        | 68.2           | 11.00       | Peak     | 28.00          | 150         | Horizontal | Pass    |

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



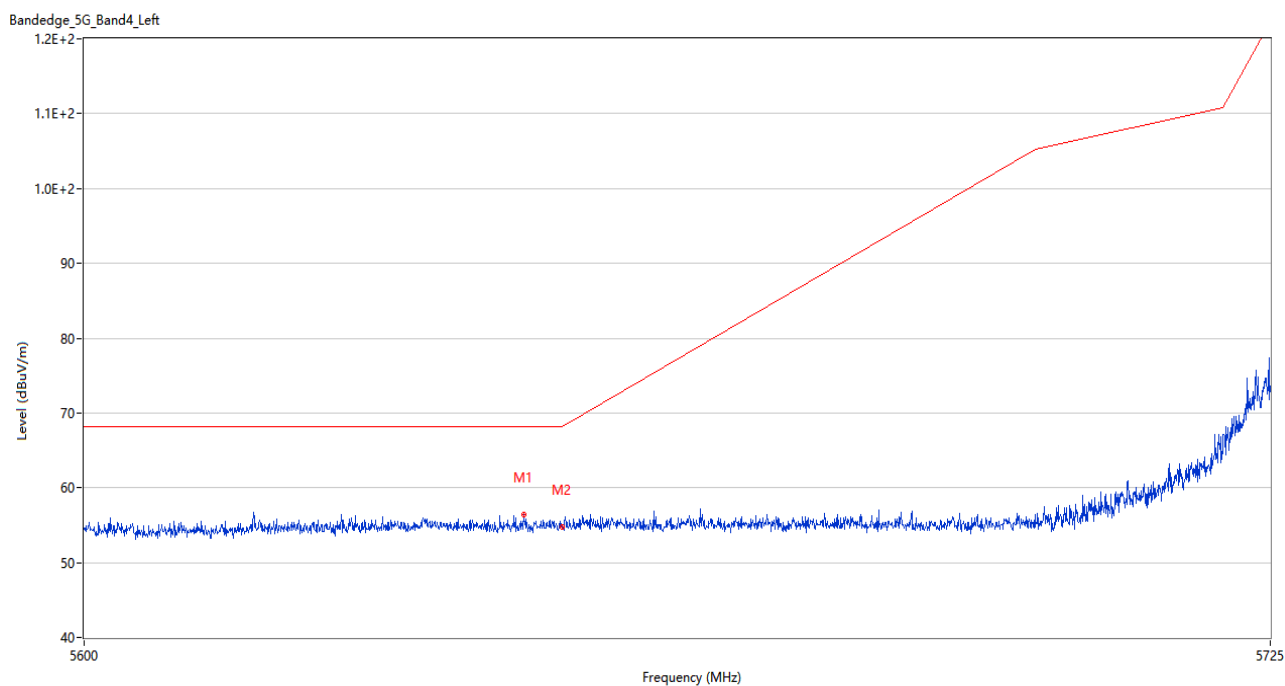
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5455.000        | 59.42            | 3.50        | 74.0           | 14.58       | Peak     | 175.00         | 150         | Horizontal | Pass    |
| 1** | 5455.000        | 47.70            | 3.50        | 54.0           | 6.30        | AV       | 175.00         | 150         | Horizontal | Pass    |
| 2   | 5459.980        | 57.66            | 3.49        | 74.0           | 16.34       | Peak     | 175.00         | 200         | Horizontal | Pass    |
| 2** | 5459.980        | 48.10            | 3.49        | 54.0           | 5.90        | AV       | 175.00         | 200         | Horizontal | Pass    |
| 3   | 5469.580        | 62.45            | 3.29        | 68.2           | 5.75        | Peak     | 187.00         | 150         | Horizontal | Pass    |
| 3** | 5469.580        | 48.60            | 3.29        | --             | --          | AV       | 187.00         | 150         | Horizontal | N/A     |
| 4   | 5469.940        | 58.63            | 3.29        | 68.2           | 9.57        | Peak     | 167.00         | 100         | Horizontal | Pass    |
| 4** | 5469.940        | 49.38            | 3.29        | --             | --          | AV       | 167.00         | 100         | 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   | 5725.063        | 55.56            | 3.44        | 68.2           | 12.64       | Peak     | 155.00         | 150         | Horizontal | Pass    |
| 2   | 5764.625        | 57.36            | 3.38        | 68.2           | 10.84       | Peak     | 64.00          | 200         | Horizontal | Pass    |

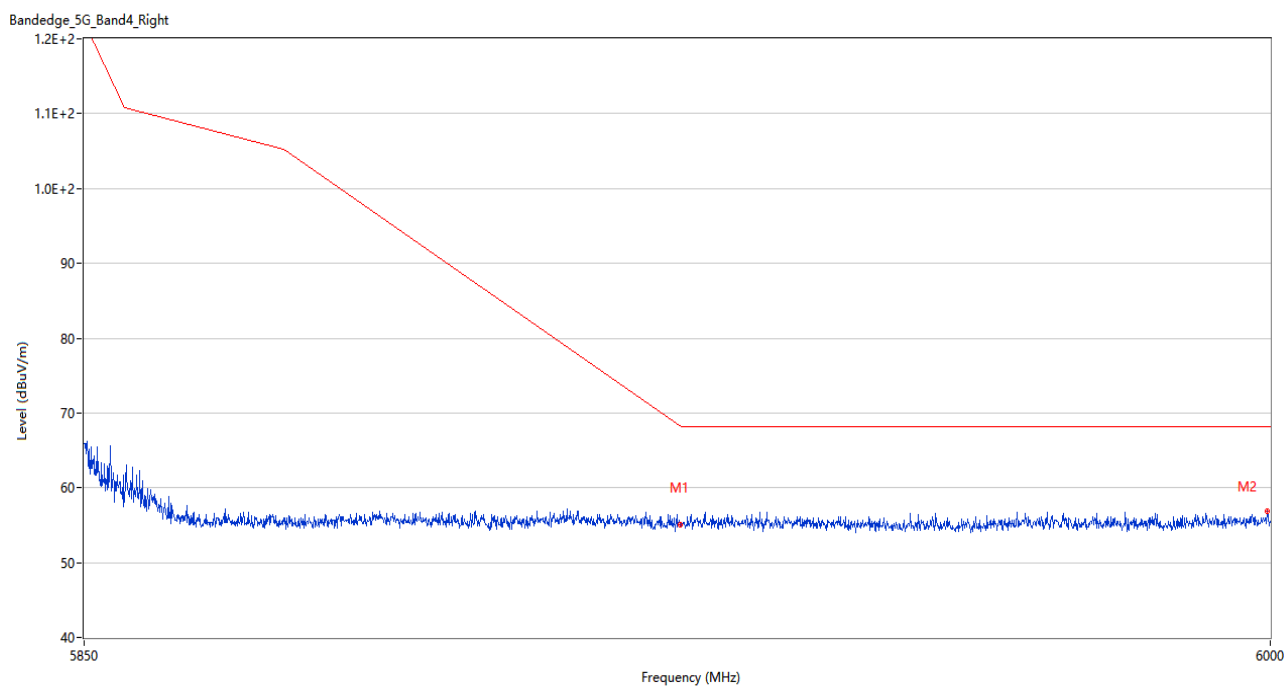
## U-NII-3 11a Low Channel



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5646.000        | 56.44            | 3.34        | 68.2           | 11.76       | Peak     | 223.00         | 200         | Horizontal | Pass    |
| 2   | 5650.000        | 54.79            | 3.72        | 68.2           | 13.41       | Peak     | 67.00          | 100         | Horizontal | Pass    |

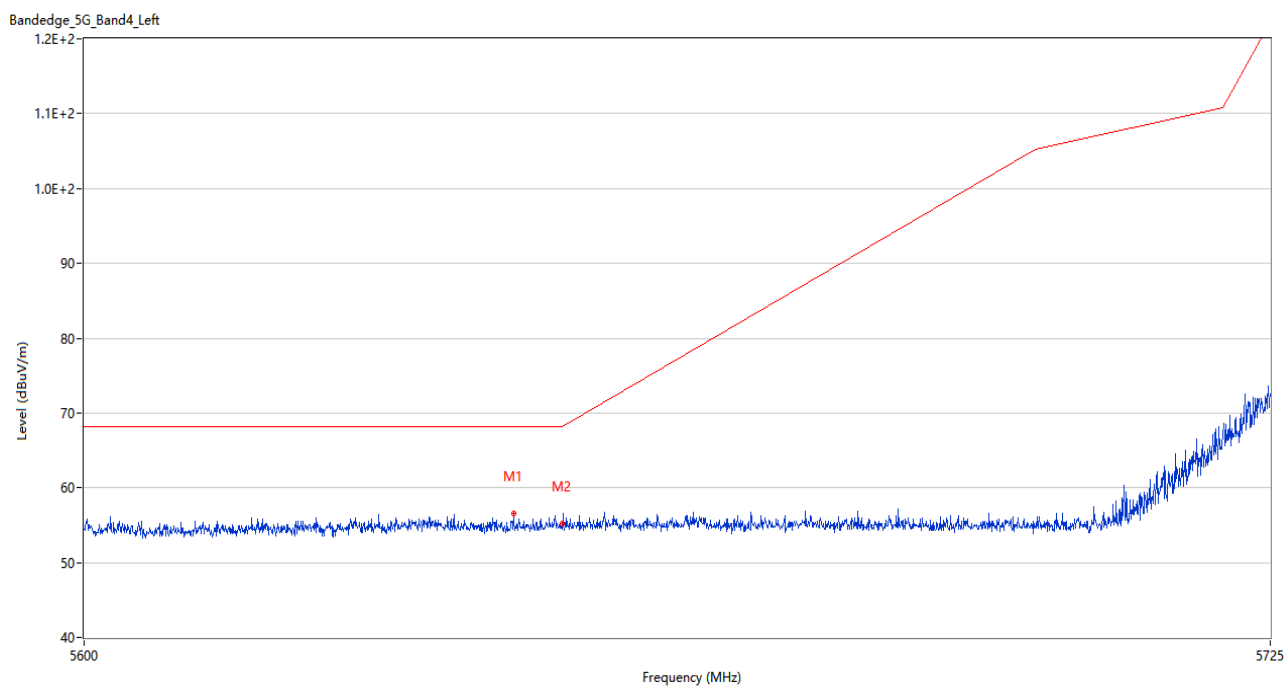


## U-NII-3 11a High Channel



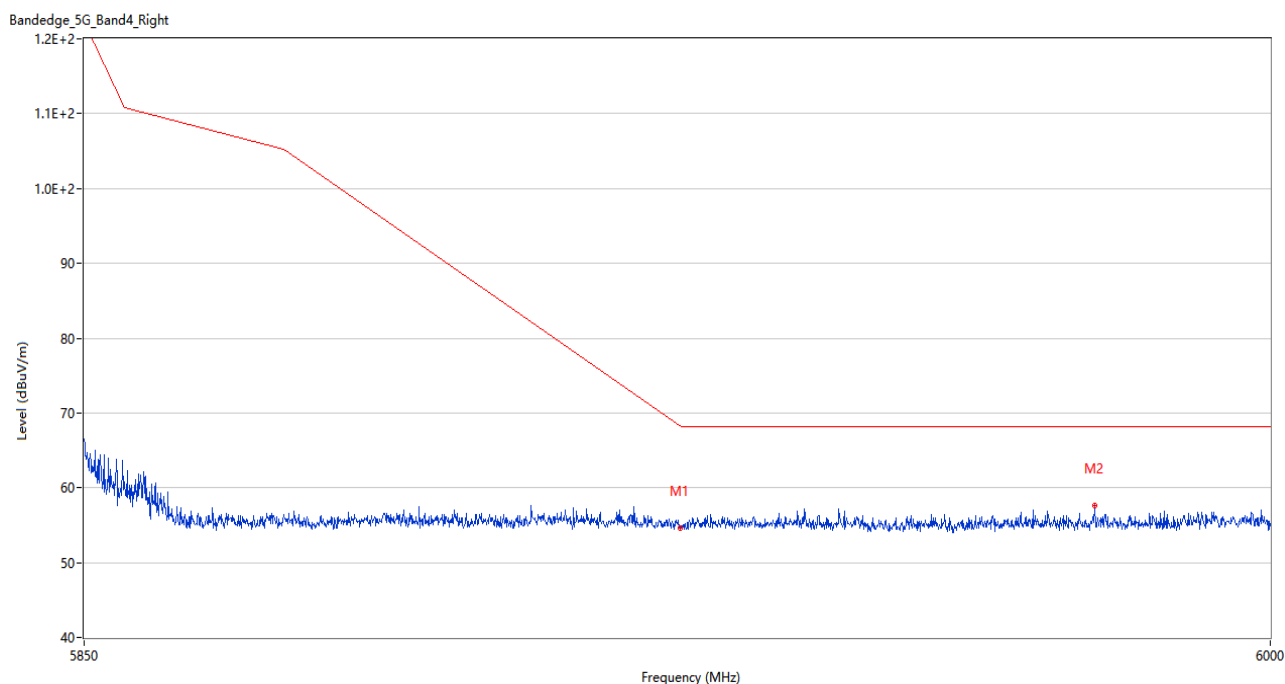
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.925        | 55.11            | 3.42        | 68.3           | 13.19       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 2   | 5999.625        | 56.94            | 4.74        | 68.2           | 11.26       | Peak     | 112.00         | 200         | Horizontal | Pass    |

## U-NII-3 11n20 Low Channel



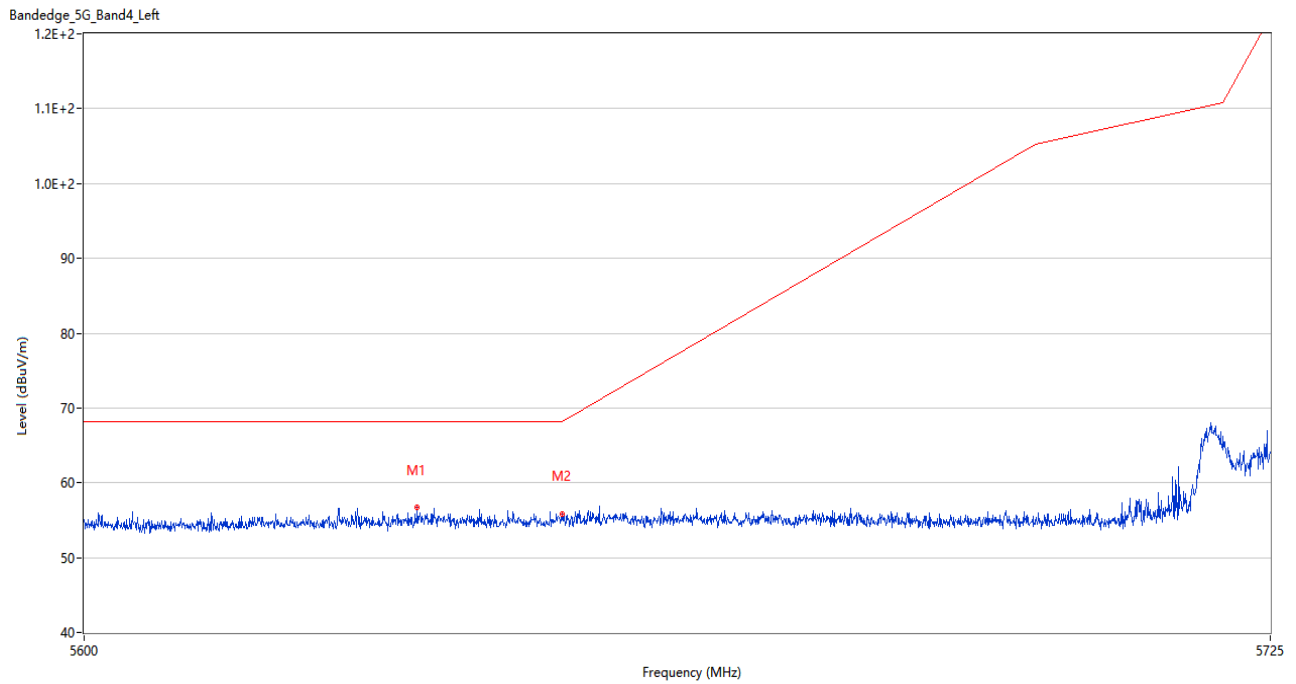
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5644.938        | 56.52            | 3.56        | 68.2           | 11.68       | Peak     | 350.00         | 100         | Horizontal | Pass    |
| 2   | 5650.000        | 55.23            | 3.72        | 68.2           | 12.97       | Peak     | 79.00          | 100         | Horizontal | Pass    |

## U-NII-3 11n20 High Channel



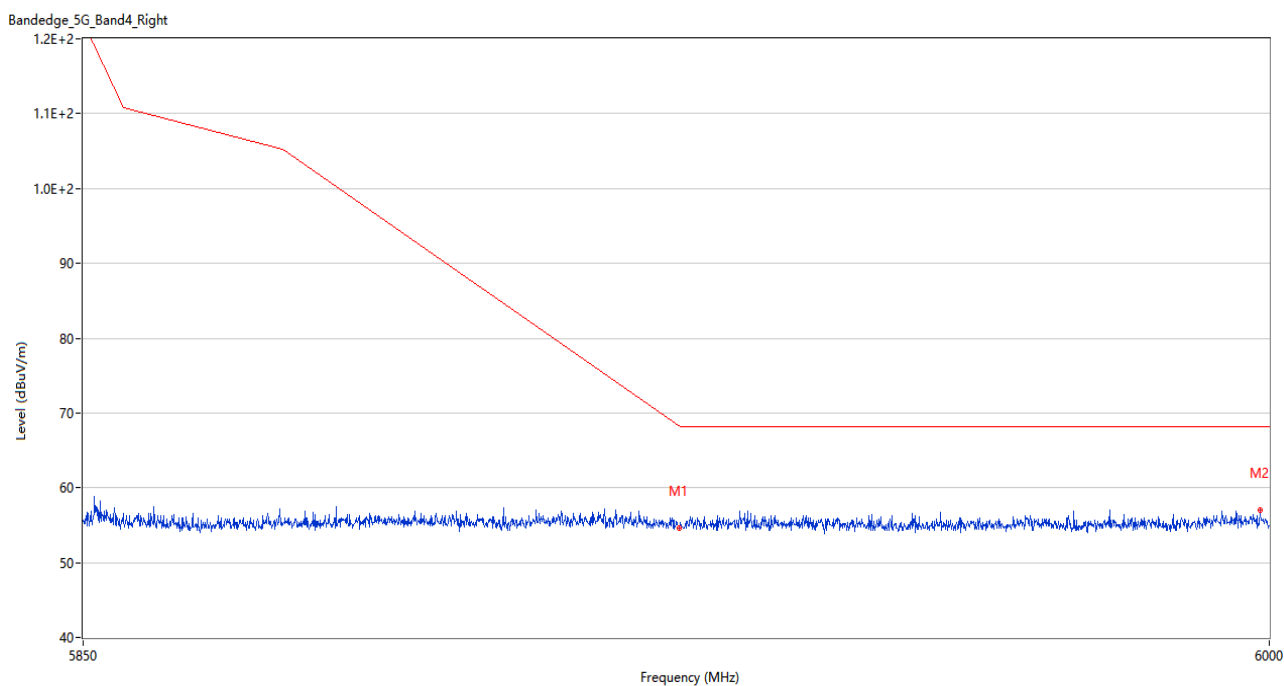
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.925        | 54.63            | 3.42        | 68.3           | 13.67       | Peak     | 61.00          | 200         | Horizontal | Pass    |
| 2   | 5977.575        | 57.59            | 4.17        | 68.2           | 10.61       | Peak     | 328.00         | 200         | Horizontal | Pass    |

## U-NII-3 11n40 Low Channel



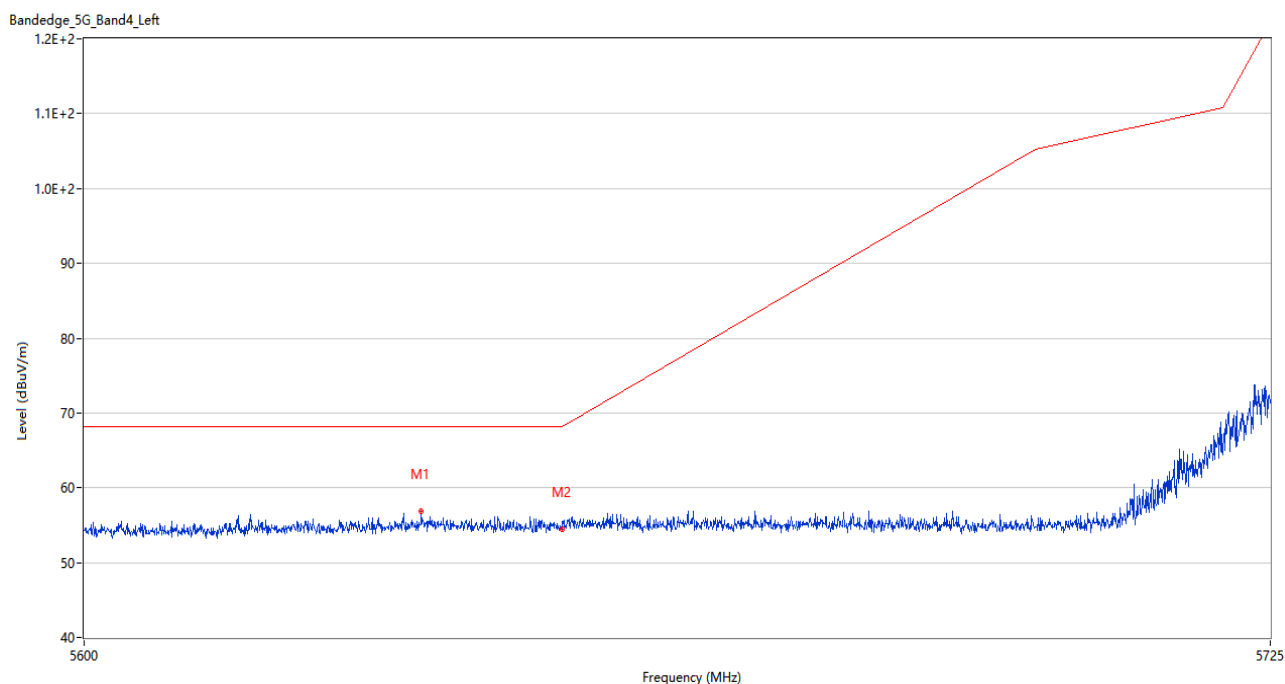
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5634.812        | 56.71            | 3.62        | 68.2           | 11.49       | Peak     | 346.00         | 150         | Horizontal | Pass    |
| 2   | 5650.000        | 55.87            | 3.72        | 68.2           | 12.33       | Peak     | 116.00         | 200         | Horizontal | Pass    |

## U-NII-3 11n40 High Channel



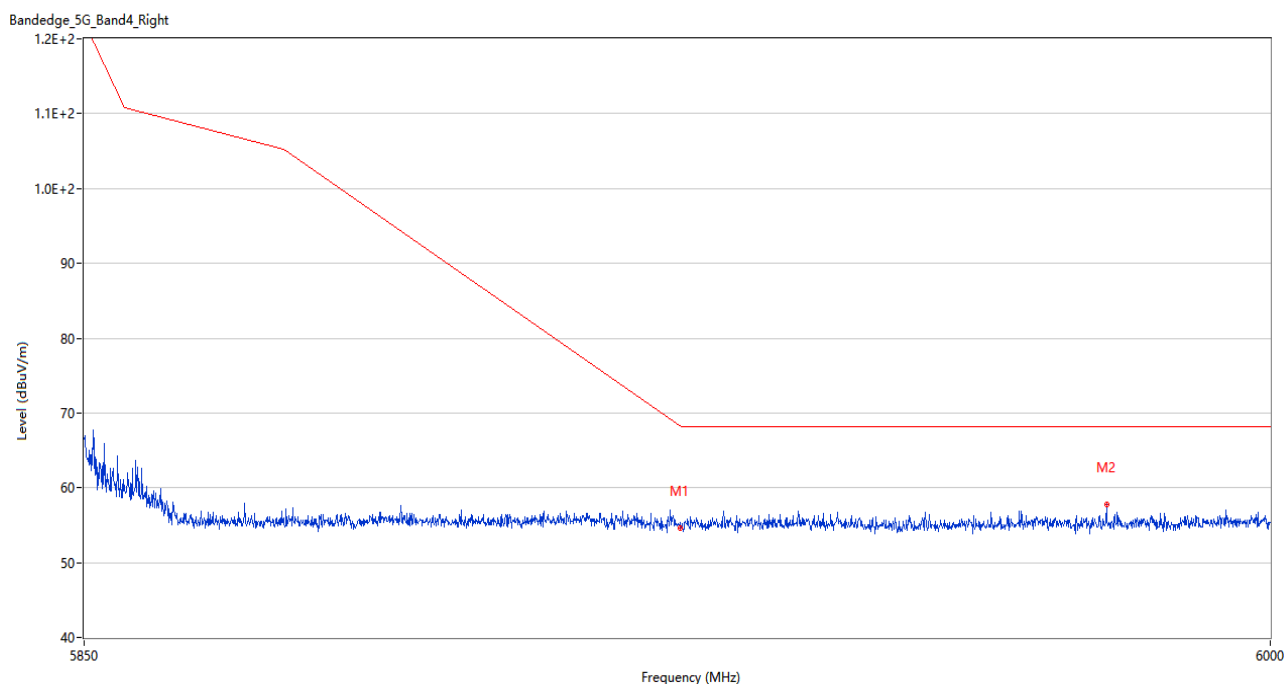
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.925        | 54.60            | 3.42        | 68.3           | 13.70       | Peak     | 102.00         | 100         | Horizontal | Pass    |
| 2   | 5998.800        | 57.06            | 4.94        | 68.2           | 11.14       | Peak     | 232.00         | 200         | Horizontal | Pass    |

## U-NII-3 11ac20 Low Channel



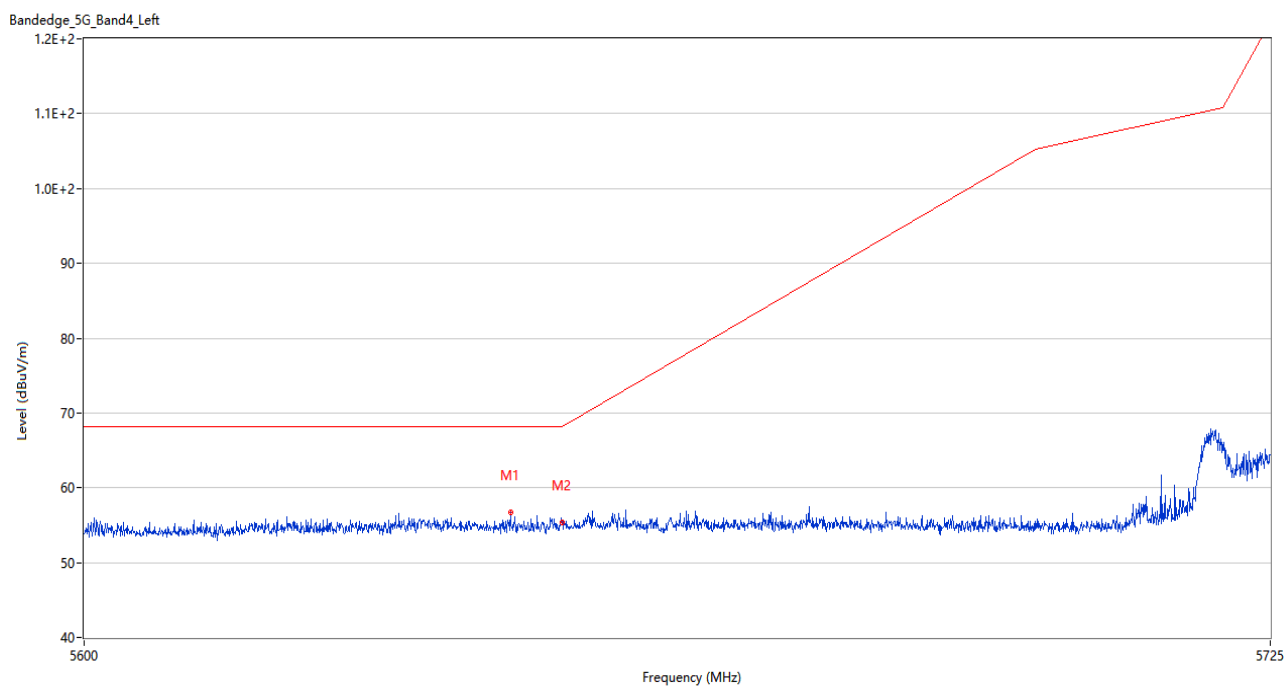
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5635.250        | 56.84            | 3.81        | 68.2           | 11.36       | Peak     | 105.00         | 150         | Horizontal | Pass    |
| 2   | 5650.000        | 54.46            | 3.72        | 68.2           | 13.74       | Peak     | 96.00          | 150         | 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   | 5924.925        | 54.55            | 3.42        | 68.3           | 13.75       | Peak     | 89.00          | 200         | Horizontal | Pass    |
| 2   | 5979.075        | 57.77            | 4.30        | 68.2           | 10.43       | Peak     | 123.00         | 100         | Horizontal | Pass    |

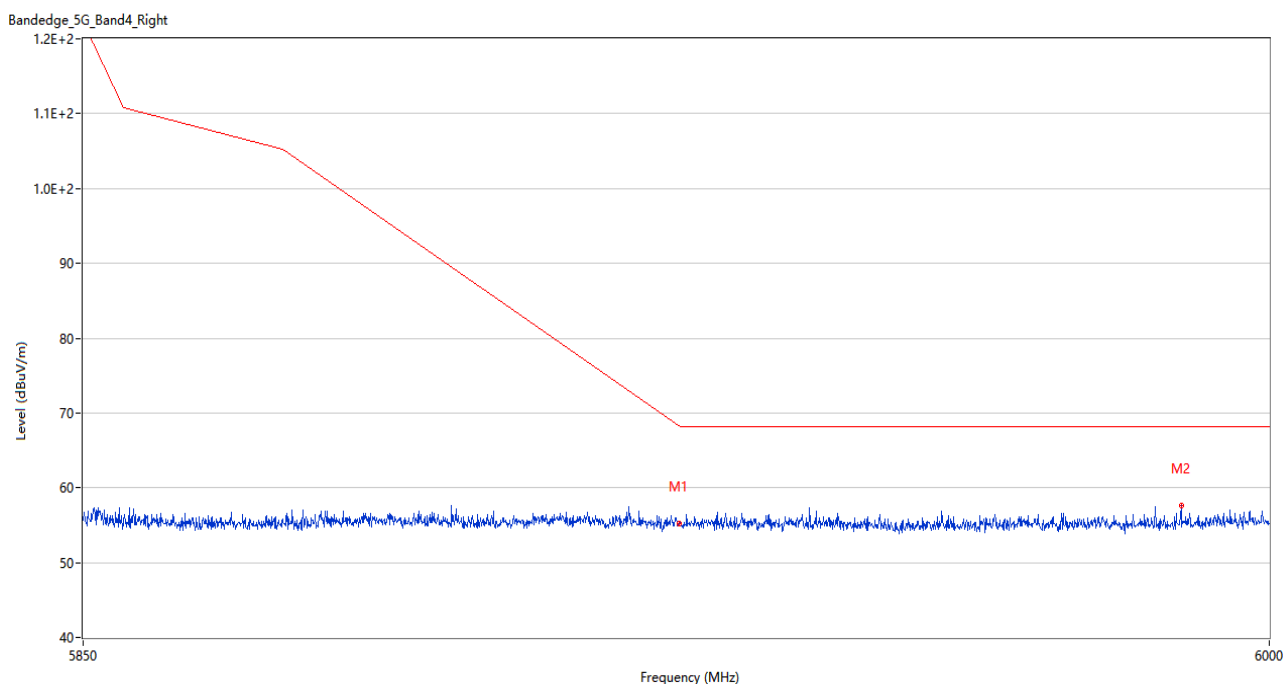
## U-NII-3 11ac40 Low Channel



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5644.625        | 56.70            | 3.42        | 68.2           | 11.50       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 2   | 5650.000        | 55.30            | 3.72        | 68.2           | 12.90       | Peak     | 155.00         | 100         | Horizontal | Pass    |

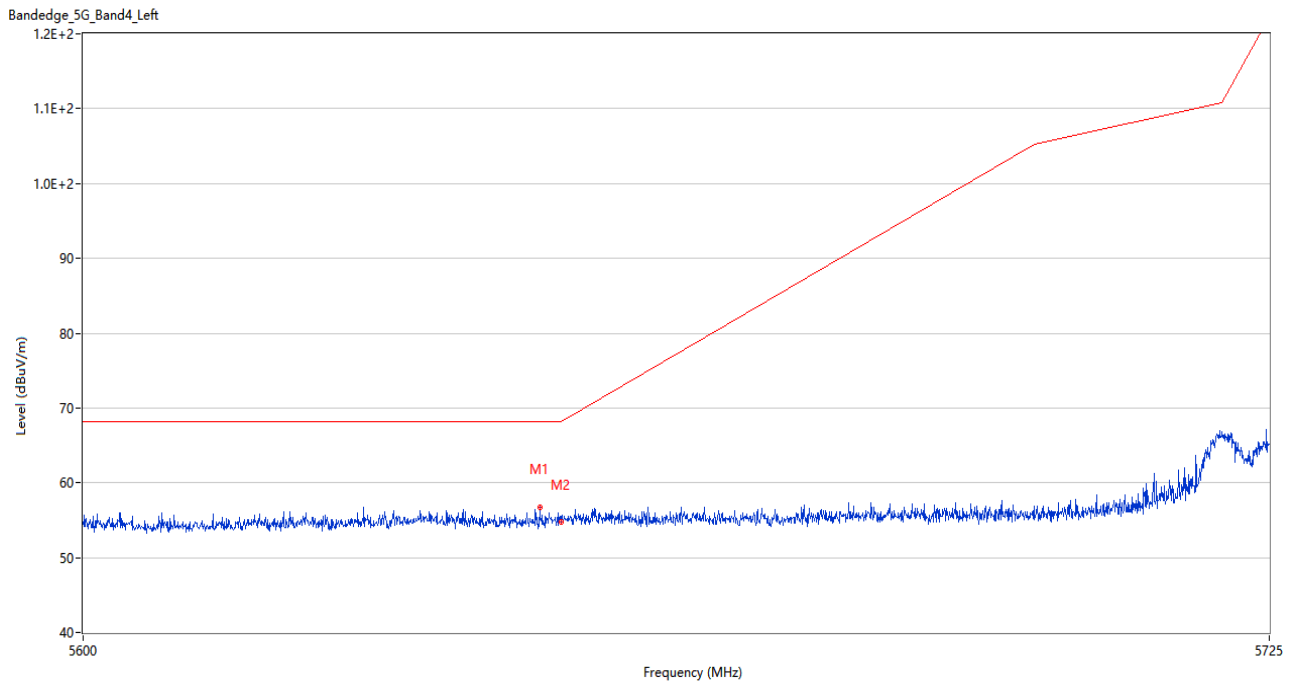


## U-NII-3 11ac40 High Channel



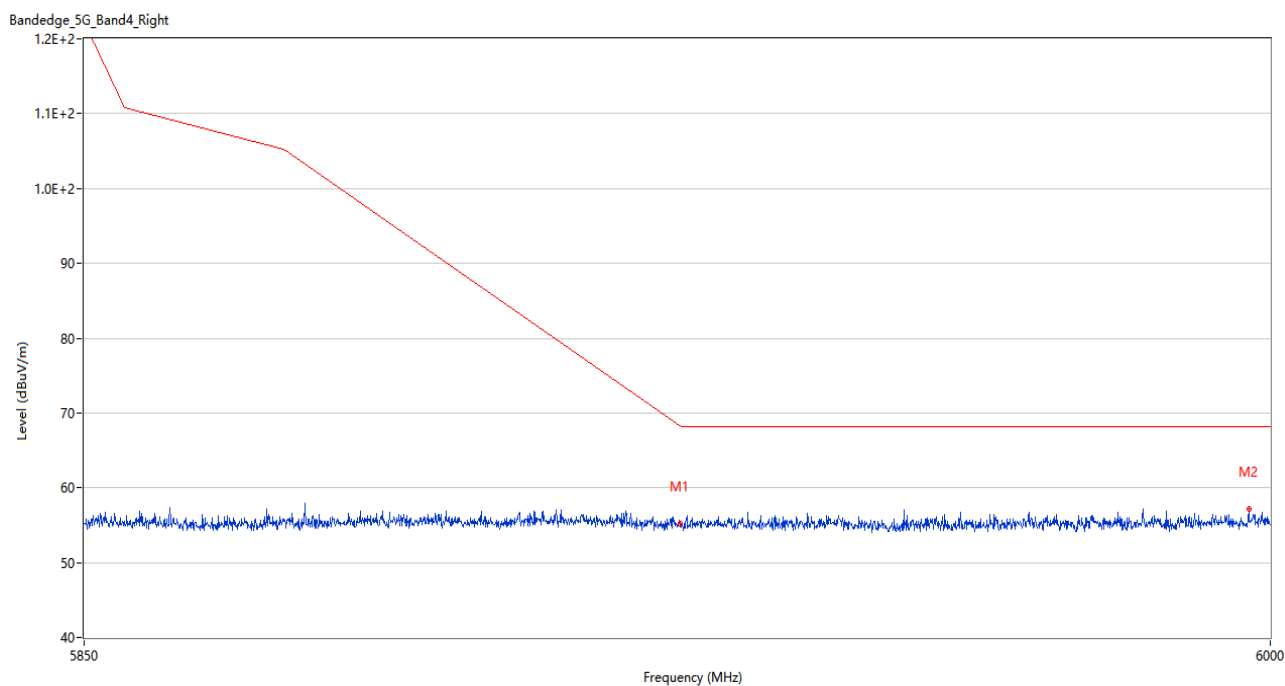
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.925        | 55.17            | 3.42        | 68.3           | 13.13       | Peak     | 221.00         | 200         | Horizontal | Pass    |
| 2   | 5988.750        | 57.56            | 4.45        | 68.2           | 10.64       | Peak     | 275.00         | 100         | 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   | 5647.813        | 56.78            | 3.35        | 68.2           | 11.42       | Peak     | 205.00         | 100         | Horizontal | Pass    |
| 2   | 5650.000        | 54.79            | 3.72        | 68.2           | 13.41       | Peak     | 297.00         | 150         | 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   | 5924.925        | 55.20            | 3.42        | 68.3           | 13.10       | Peak     | 95.00          | 200         | Horizontal | Pass    |
| 2   | 5997.225        | 57.20            | 4.83        | 68.2           | 11.00       | Peak     | 269.00         | 100         | Horizontal | Pass    |

## **ANNEX B TEST SETUP PHOTOS**

Please refer the document “BL-SZ2441131-AR.PDF”.

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document “BL-SZ2441131-AW.PDF”.

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document “BL-SZ2441131-AI.PDF”.

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--END OF REPORT--