

# TEST REPORT

**Applicant:** Xiaomi Communications Co., Ltd.  
**Address:** #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road,  
Haidian District, Beijing, China, 100085  
**Equipment Type:** Mobile Phone  
**Model Name:** 22071219CG  
**Brand Name:** POCO  
**FCC ID:** 2AFZZ19CG  
**Test Standard:** 47 CFR Part 15 Subpart E  
(refer section 3.1)  
**Test Date:** Jun. 13, 2022 - Jul. 11, 2022  
**Date of Issue:** Jul. 11, 2022

**ISSUED BY:**

Shenzhen BALUN Technology Co., Ltd.



**Tested by:** Yu Yingyuan

**Checked by:** Ye Hongji

**Approved by:** Liao Jianming  
(Technical Director)

*Yu Ying Yuan*

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*Liao Jianming*

### Revision History

| Version        | Issue Date           | Revisions            |
|----------------|----------------------|----------------------|
| <u>Rev. 01</u> | <u>Jul. 11, 2022</u> | <u>Initial Issue</u> |

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# 1 GENERAL INFORMATION

## 1.1 Identification of the Testing Laboratory

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

## 1.2 Identification of the Responsible Testing Location

|                           |                                                                                                                                                                                                         |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Location             | Shenzhen BALUN Technology Co., Ltd.                                                                                                                                                                     |
| Address                   | Block B, 1/F, Baisha Science and Technology Park, Shahe West Road, Nanshan District, ShenZhen, GuangDong Province, China                                                                                |
| Accreditation Certificate | The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.                                                                        |
| Description               | All measurement facilities used to collect the measurement data are located at Block B, 1/F, Baisha Science and Technology Park, Shahe West Road, Nanshan District, ShenZhen, GuangDong Province, China |

## 2 PRODUCT INFORMATION

### 2.1 Applicant Information

|           |                                                                                               |
|-----------|-----------------------------------------------------------------------------------------------|
| Applicant | Xiaomi Communications Co., Ltd.                                                               |
| Address   | #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085 |

### 2.2 Manufacturer Information

|              |                                                                                               |
|--------------|-----------------------------------------------------------------------------------------------|
| Manufacturer | Xiaomi Communications Co., Ltd.                                                               |
| Address      | #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085 |

### 2.3 Factory Information

|         |     |
|---------|-----|
| Factory | N/A |
| Address | N/A |

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

|                                           |              |
|-------------------------------------------|--------------|
| EUT Name                                  | Mobile Phone |
| Model Name Under Test                     | 22071219CG   |
| Series Model Name                         | N/A          |
| Description of Model name differentiation | N/A          |
| Hardware Version                          | P1.1         |
| Software Version                          | MIUI 13      |
| Dimensions (Approx.)                      | N/A          |
| Weight (Approx.)                          | N/A          |

## 2.5 Technical Information

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network and Wireless connectivity | 2G Network GSM/GPRS/EDGE 850/900/1800/1900 MHz<br>3G Network WCDMA/HSDPA/HSUPA/DC-HSDPA<br>Band 1/2/4/5/8<br>4G Network LTE FDD Band 1/2/3/4/5/7/8/20/28<br>LTE TDD Band 38/40/41<br>LTE CA Uplink (UL): CA_3C, CA_7C, CA_38C, CA_40C, CA_41C<br>Bluetooth (BR+EDR+BLE)<br>2.4G WIFI 802.11b, 802.11g, 802.11n(HT20)<br>5G WIFI 802.11a, 802.11n(HT20/40) and 802.11ac(VHT20/40/80)<br>U-NII-1/2A/2C/3, GPS, GLONASS, Galileo, BDS, FM receiver,<br>NFC |
| IMEI                              | S13: IMEI1#: 867655060071647;<br>IMEI2#: 867655060071654<br>S14: IMEI1#: 867655060078667;<br>IMEI2#: 867655060078675<br>S31: IMEI1#: 867655060070847;<br>IMEI2#: 867655060070854<br>S32: IMEI1#: 867655060071084;<br>IMEI2#: 867655060071092                                                                                                                                                                                                            |

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                                                                                                      |
| Product Type                                 | Portable for FCC standard                                                                                                             |
| 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: 17.80 dBm<br>U-NII-2A: 18.02 dBm<br>U-NII-2C: 17.96 dBm<br>U-NII-3: 14.07 dBm                                                |
| Antenna System (eg.,<br>MIMO, Smart Antenna) | N/A                                                                                                                                   |

|                                                         |              |                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Categorization as Correlated or Completely Uncorrelated |              | N/A                                                                                                                                                                                                                                                                                                        |
| Antenna Type                                            | Main Antenna | PIFA Antenna                                                                                                                                                                                                                                                                                               |
|                                                         | Aux. Antenna |                                                                                                                                                                                                                                                                                                            |
| Antenna Gain                                            |              | U-NII-1: 5150 MHz to 5250 MHz: -1.72 dBi<br>U-NII-2A: 5250 MHz to 5350 MHz: -2.42 dBi<br>U-NII-2C: 5470 MHz to 5725 MHz: -1.87 dBi<br>U-NII-3: 5725 MHz to 5850 MHz: -1.64 dBi<br>(In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.) |
| About the Product                                       |              | The equipment is Mobile Phone, intended for used with information technology equipment.                                                                                                                                                                                                                    |

## 2.6 Additional Instructions

EUT Software Settings:

|      |                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mode | <input checked="" type="checkbox"/> Special software is used.<br>The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually. |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

## 2.7 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>     | 122            | 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>     | 118            | 5590            |                |                 |
| <b>64</b>      | <b>5320</b>     | 126            | 5630            |                |                 |
| <b>100</b>     | <b>5500</b>     | 134            | 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>144</b>     | <b>5720</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            | 144                       | --      | 5720            |
| 116                        | Mid     | 5580            | 149                       | Low     | 5745            |
| 140                        | High    | 5700            | 157                       | Mid     | 5785            |
| 144                        | --      | 5720            | 165                       | High    | 5825            |

For 802.11n(HT40)/ac(VHT40)

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

| U-NII-2C (5150 - 5250 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 | 140/116/100/144 | 144/165/157/149 |
|                             | 11n(20 MHz)                                 | 6.5       |                 | 48/44/36 | 64/60/52 | 140/116/100/144 | 144/165/157/149 |
|                             | 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 | 140/116/100/144 | 144/165/157/149 |
|                             | 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        |
| 11n(20 MHz)                 |                                             | 6.5       | 48/44/36        | 64/60/52 |          | 140/116/100/144 | 144/165/157/149 |
| 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 |          | 140/116/100/144 | 144/165/157/149 |
| 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             |
|                             | 11n(20 MHz)                                 | 6.5       | N/A             |          | N/A      | N/A             | 144/165/157/149 |
|                             | 11n(40 MHz)                                 | 13.5      | N/A             |          | N/A      | N/A             | 159/151         |
|                             | 11ac(20 MHz)                                | 6.5       | N/A             |          | N/A      | N/A             | 144/165/157/149 |
|                             | 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        |
| 11n(20 MHz)                 |                                             | 6.5       | 48/44/36        | 64/60/52 |          | 140/116/100/144 | 144/165/157/149 |
| 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 |          | 140/116/100/144 | 144/165/157/149 |
| 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        |
|                             | 11n(20 MHz)                                 | 6.5       | 48/44/36        |          | 64/60/52 | 140/116/100/144 | 144/165/157/149 |
|                             | 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 | 140/116/100/144 | 144/165/157/149 |
|                             | 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           |
| 11n(20 MHz)                 |                                             | 6.5       | 48/36           | 64/52    |          | 140/100/144     | 144/165/149     |
| 11n(40 MHz)                 |                                             | 13.5      | 46/38           | 62/54    |          | 134/102         | 159/151         |
| 11ac(20 MHz)                |                                             | 6.5       | 48/36           | 64/52    |          | 140/100/144     | 144/165/149     |
| 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                  |
| 8   | Receiver Spurious Emissions                                    | --           | --          | N/A <sup>Note2</sup>  |

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>: Only radio communication receivers operating in stand-alone mode within the U-NII-30-960 MHz, as well as scanner receivers, are subject to Industry Canada requirements, so this test is not applicable.

Note<sup>3</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          | 40% to 70%              |                  |
| Atmospheric Pressure       | 100 kPa to 102 kPa      |                  |
| Temperature                | NT (Normal Temperature) | +20°C to +23.5°C |
|                            | LT (Low Temperature)    | -30°C            |
|                            | HT (High Temperature)   | +50°C            |
| Working Voltage of the EUT | NV (Normal Voltage)     | 3.87 V           |
|                            | LV (Low Voltage)        | 3.65 V           |
|                            | HV (High Voltage)       | 4.40 V           |

### 4.2 Test Equipment List

| Description                     | Manufacturer  | Model               | Serial No. | Cal. Date  | Cal. Due   |
|---------------------------------|---------------|---------------------|------------|------------|------------|
| Spectrum Analyzer               | ROHDE&SCHWARZ | FSV-40              | 101544     | 2022.01.04 | 2023.01.03 |
| Spectrum Analyzer               | KEYSIGHT      | N9020A              | MY50330200 | 2022.05.19 | 2023.05.18 |
| Signaling Unit                  | ROHDE&SCHWARZ | CMW500              | 142028     | 2022.05.19 | 2023.05.18 |
| Spectrum Analyzer               | ROHDE&SCHWARZ | FSV-30              | 103118     | 2022.05.19 | 2023.05.18 |
| Vector Signal Generator         | ROHDE&SCHWARZ | SMBV100A            | 260592     | 2022.02.09 | 2023.02.08 |
| Signal Generator                | ROHDE&SCHWARZ | SMB100A             | 177746     | 2022.05.19 | 2023.05.18 |
| Switch Unit with OSP-B157       | ROHDE&SCHWARZ | OSP120              | 101270     | 2022.05.19 | 2023.05.18 |
| Power Sensor                    | ROHDE&SCHWARZ | NRP18S              | 102521     | 2022.03.09 | 2023.03.08 |
| EMI Receiver                    | KEYSIGHT      | N9038A              | MY53220118 | 2021.09.13 | 2022.09.12 |
| EMI Receiver                    | ROHDE&SCHWARZ | ESRP                | 101036     | 2021.10.10 | 2022.10.09 |
| LISN                            | SCHWARZBECK   | NSLK 8127           | 8127-687   | 2022.06.01 | 2023.05.31 |
| Amplifier                       | KMW           | ZT30-1000MHz        | N/A        | 2022.06.16 | 2023.06.15 |
| Amplifier                       | KMW           | LSCX-LNA1-12G-01    | N/A        | 2022.06.16 | 2023.06.15 |
| Amplifier                       | KMW           | XKu_LNA7-18G-01     | N/A        | 2022.06.16 | 2023.06.15 |
| Amplifier                       | KMW           | DLAN-18000-40000-02 | N/A        | 2022.06.16 | 2023.06.15 |
| Test Antenna-Loop(9 kHz-30 MHz) | SCHWARZBECK   | FMZB 1519           | 1519-037   | 2021.04.16 | 2024.04.15 |
| Test Antenna-                   | SCHWARZBECK   | VULB 9163           | 9163-624   | 2021.08.20 | 2024.08.19 |

| Description                   | Manufacturer            | Model             | Serial No. | Cal. Date  | Cal. Due   |
|-------------------------------|-------------------------|-------------------|------------|------------|------------|
| Bi-Log(30 MHz-3 GHz)          |                         |                   |            |            |            |
| Test Antenna-Horn(1-18 GHz)   | SCHWARZBECK             | BBHA 9120D        | 01917      | 2022.06.09 | 2025.06.08 |
| Test Antenna-Horn (18-40 GHz) | A-INFO                  | LB-180400KF       | J211060273 | 2021.07.02 | 2024.07.01 |
| Anechoic Chamber              | RAINFORD                | 9m*6m*6m          | N/A        | 2022.02.19 | 2024.09.03 |
| Anechoic Chamber              | EMC Electronic Co., Ltd | 20.10*11.60*7.35m | N/A        | 2021.08.15 | 2024.08.14 |
| Shielded Enclosure            | ChangNing               | CN-130701         | 130703     | --         | --         |

### 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        | V19.8.28.435     | 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                       | 0.82℃       |
| Humidity                          | 4.1%        |

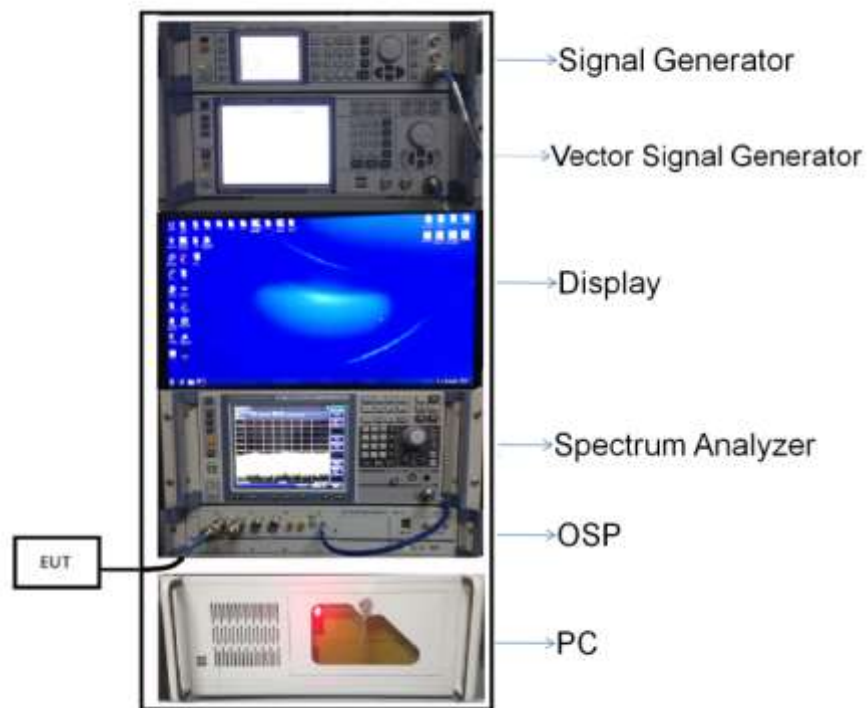
## 4.5 Description of Test Setup

### 4.5.1 For Antenna Port Test

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

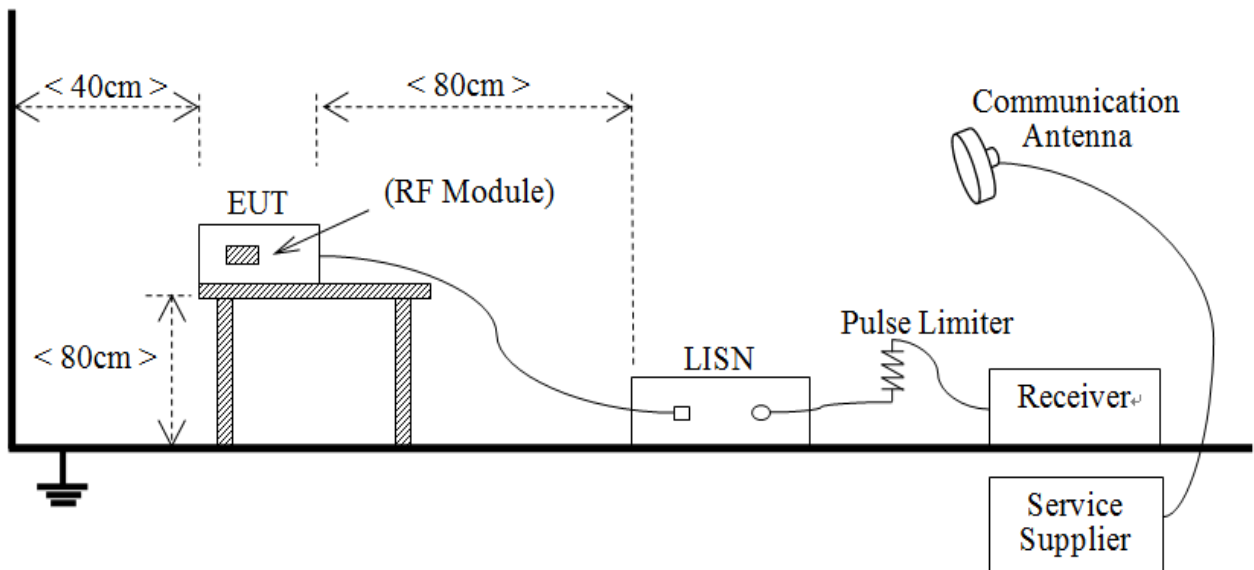
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



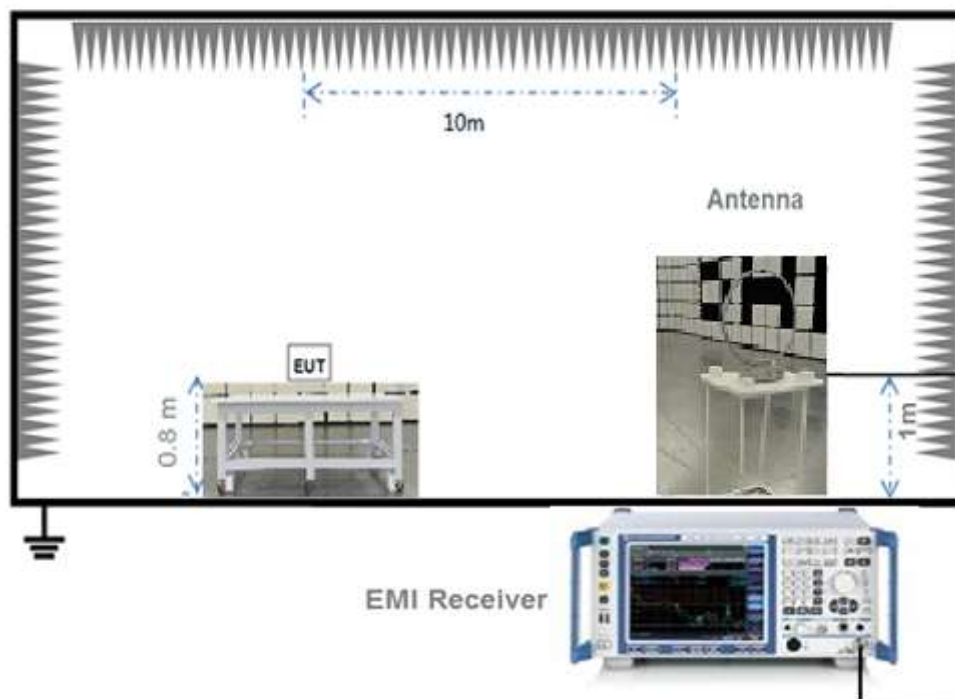
(Diagram 1)

#### 4.5.2 For AC Power Supply Port Test



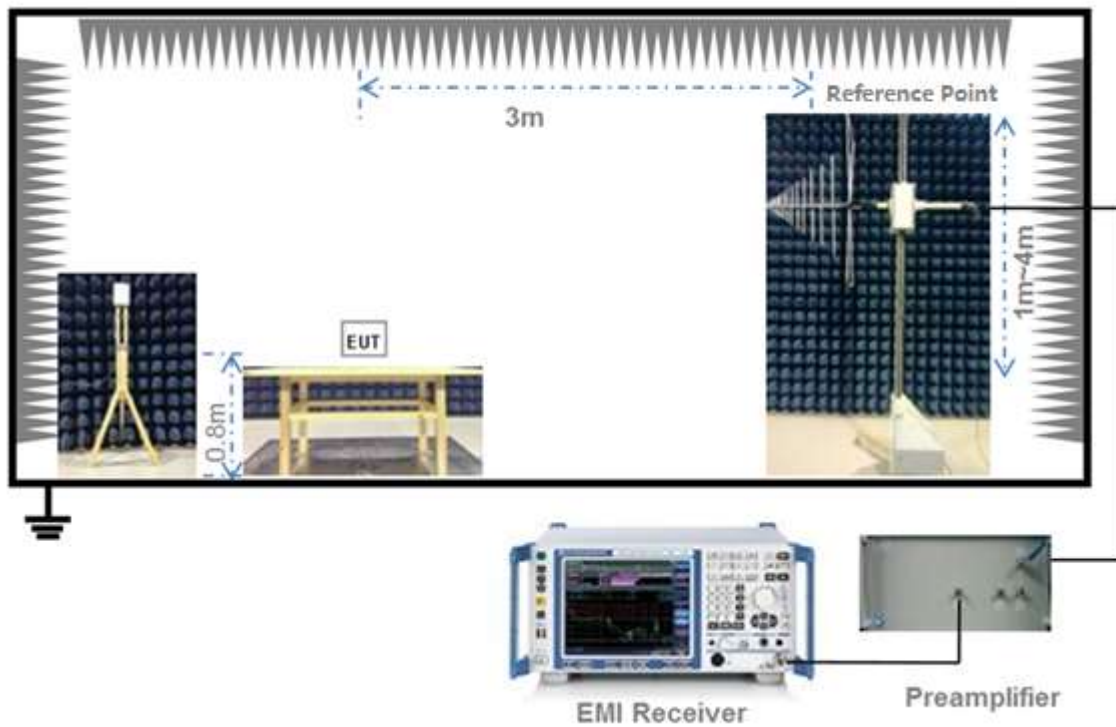
(Diagram 2)

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



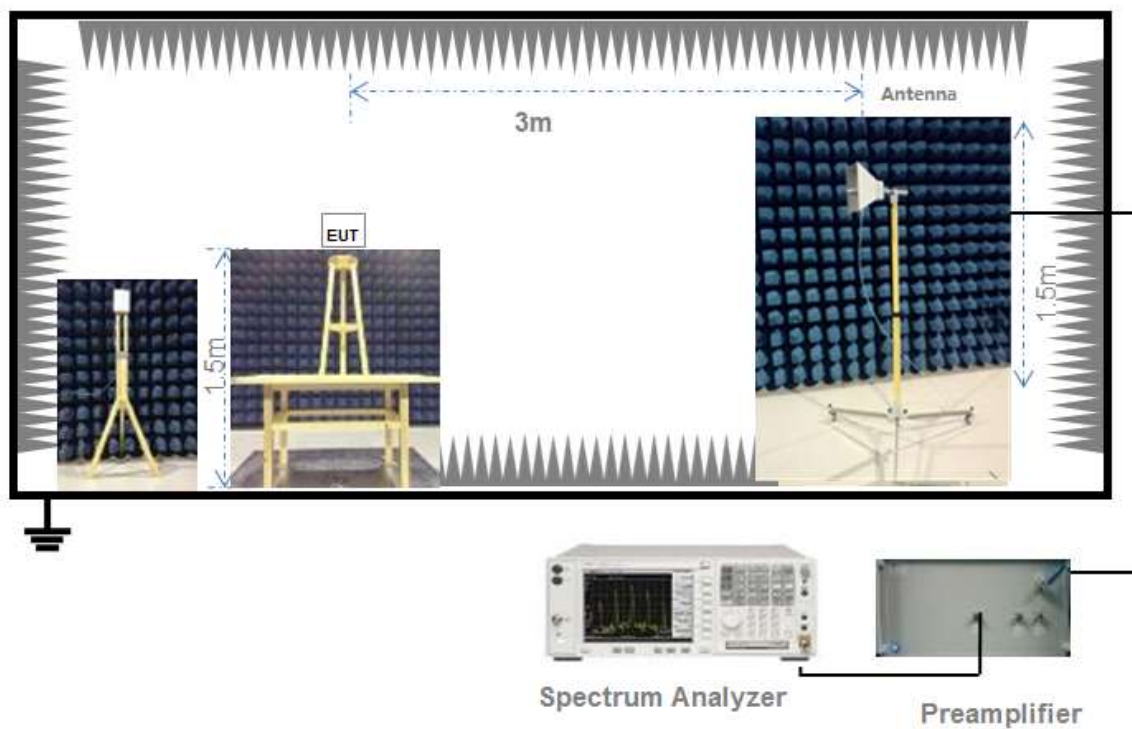
(Diagram 3)

#### 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

The maximum peak conducted output power may be measured using a broadband Average RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the emission bandwidth and utilize a fast-responding diode detector.

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)

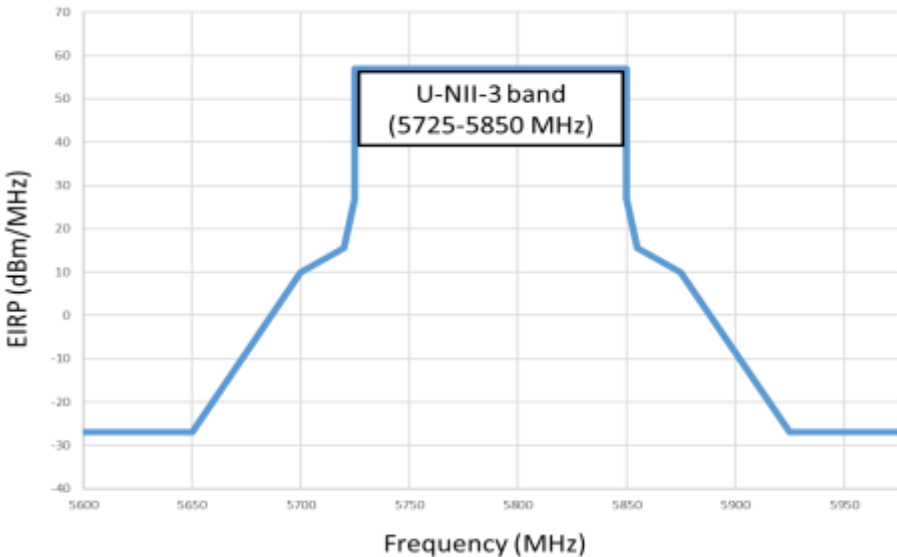
### 5.5.1 Limit

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 maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP level (see guidance on determining the applicable antenna gain)
- c) 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).
- d) 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).
- e) 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.

- f) Compare the resultant electric field strength level to the applicable limit.
- g) 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 |
|-------------------------|--------------|------------------|------------|
| 11a                     | 1.39         | 1.43             | 97.34%     |
| 11n (HT20)/11ac (VHT20) | 1.31         | 1.35             | 97.18%     |
| 11n (HT40)/11ac (VHT40) | 0.65         | 0.69             | 95.01%     |
| 11ac (VHT80)            | 0.32         | 0.36             | 90.55%     |

#### Test Data

##### Conducted Power

| U-NII-1 (5150 - 5250 MHz) |         |                       |                      |                |         |
|---------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                      | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                       | CH36    | 15.75                 | 37.58                | 250            | Pass    |
| 11a                       | CH44    | 17.80                 | 60.26                | 250            | Pass    |
| 11a                       | CH48    | 17.75                 | 59.57                | 250            | Pass    |
| 11n (HT20)                | CH36    | 14.73                 | 29.72                | 250            | Pass    |
| 11n (HT20)                | CH44    | 16.75                 | 47.32                | 250            | Pass    |
| 11n (HT20)                | CH48    | 16.80                 | 47.86                | 250            | Pass    |
| 11n (HT40)                | CH38    | 13.33                 | 21.53                | 250            | Pass    |
| 11n (HT40)                | CH46    | 15.79                 | 37.93                | 250            | Pass    |
| 11ac (VHT20)              | CH36    | 15.15                 | 32.73                | 250            | Pass    |
| 11ac (VHT20)              | CH44    | 17.19                 | 52.36                | 250            | Pass    |
| 11ac (VHT20)              | CH48    | 17.26                 | 53.21                | 250            | Pass    |
| 11ac (VHT40)              | CH38    | 13.34                 | 21.58                | 250            | Pass    |
| 11ac (VHT40)              | CH46    | 15.82                 | 38.19                | 250            | Pass    |
| 11ac (VHT80)              | CH42    | 11.85                 | 15.31                | 250            | Pass    |

| U-NII-2A (5250 - 5350 MHz) |         |                       |                      |                |         |
|----------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                       | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                        | CH52    | 17.88                 | 61.38                | 250            | Pass    |
| 11a                        | CH60    | 18.02                 | 63.39                | 250            | Pass    |
| 11a                        | CH64    | 16.23                 | 41.98                | 250            | Pass    |
| 11n (HT20)                 | CH52    | 17.03                 | 50.47                | 250            | Pass    |
| 11n (HT20)                 | CH60    | 17.18                 | 52.24                | 250            | Pass    |
| 11n (HT20)                 | CH64    | 15.27                 | 33.65                | 250            | Pass    |
| 11n (HT40)                 | CH54    | 15.83                 | 38.28                | 250            | Pass    |
| 11n (HT40)                 | CH62    | 13.28                 | 21.28                | 250            | Pass    |
| 11ac (VHT20)               | CH52    | 17.51                 | 56.36                | 250            | Pass    |
| 11ac (VHT20)               | CH60    | 17.53                 | 56.62                | 250            | Pass    |
| 11ac (VHT20)               | CH64    | 15.64                 | 36.64                | 250            | Pass    |
| 11ac (VHT40)               | CH54    | 15.98                 | 39.63                | 250            | Pass    |
| 11ac (VHT40)               | CH62    | 13.30                 | 21.38                | 250            | Pass    |
| 11ac (VHT80)               | CH58    | 11.62                 | 14.52                | 250            | Pass    |

| U-NII-2C (5470 - 5725 MHz) |         |                       |                      |                |         |
|----------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                       | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                        | CH100   | 16.01                 | 39.90                | 250            | Pass    |
| 11a                        | CH116   | 17.96                 | 62.52                | 250            | Pass    |
| 11a                        | CH140   | 14.18                 | 26.18                | 250            | Pass    |
| 11n (HT20)                 | CH100   | 15.90                 | 38.90                | 250            | Pass    |
| 11n (HT20)                 | CH116   | 17.05                 | 50.70                | 250            | Pass    |
| 11n (HT20)                 | CH140   | 14.08                 | 25.59                | 250            | Pass    |
| 11n (HT40)                 | CH102   | 12.39                 | 17.34                | 250            | Pass    |
| 11n (HT40)                 | CH118   | 16.05                 | 40.27                | 250            | Pass    |
| 11n (HT40)                 | CH134   | 15.63                 | 36.56                | 250            | Pass    |
| 11ac (VHT20)               | CH100   | 16.35                 | 43.15                | 250            | Pass    |
| 11ac (VHT20)               | CH116   | 17.51                 | 56.36                | 250            | Pass    |
| 11ac (VHT20)               | CH140   | 14.05                 | 25.41                | 250            | Pass    |
| 11ac (VHT40)               | CH102   | 13.42                 | 21.98                | 250            | Pass    |
| 11ac (VHT40)               | CH118   | 16.16                 | 41.30                | 250            | Pass    |
| 11ac (VHT40)               | CH134   | 15.11                 | 32.43                | 250            | Pass    |
| 11ac (VHT80)               | CH106   | 12.31                 | 17.02                | 250            | Pass    |
| 11ac (VHT80)               | CH122   | 15.08                 | 32.21                | 250            | Pass    |

| U-NII-2C straddle channel |         |                       |                      |                |         |
|---------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                      | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                       | CH144   | 17.10                 | 51.29                | 249            | Pass    |
| 11n (HT20)                | CH144   | 16.04                 | 40.18                | 224            | Pass    |
| 11ac (VHT20)              | CH144   | 16.47                 | 44.36                | 235            | Pass    |

| U-NII-3 (5725 - 5850 MHz) |         |                       |                      |                |         |
|---------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                      | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                       | CH149   | 14.07                 | 25.53                | 1000           | Pass    |
| 11a                       | CH157   | 13.99                 | 25.06                | 1000           | Pass    |
| 11a                       | CH165   | 13.88                 | 24.43                | 1000           | Pass    |
| 11n (HT20)                | CH149   | 13.93                 | 24.72                | 1000           | Pass    |
| 11n (HT20)                | CH157   | 13.89                 | 24.49                | 1000           | Pass    |
| 11n (HT20)                | CH165   | 13.75                 | 23.71                | 1000           | Pass    |
| 11n (HT40)                | CH151   | 13.99                 | 25.06                | 1000           | Pass    |
| 11n (HT40)                | CH159   | 13.92                 | 24.66                | 1000           | Pass    |
| 11ac (VHT20)              | CH149   | 13.92                 | 24.66                | 1000           | Pass    |
| 11ac (VHT20)              | CH157   | 13.86                 | 24.32                | 1000           | Pass    |
| 11ac (VHT20)              | CH165   | 13.76                 | 23.77                | 1000           | Pass    |
| 11ac (VHT40)              | CH151   | 14.06                 | 25.47                | 1000           | Pass    |
| 11ac (VHT40)              | CH159   | 13.95                 | 24.83                | 1000           | Pass    |
| 11ac (VHT80)              | CH155   | 13.84                 | 24.21                | 1000           | Pass    |

| U-NII-3 straddle channel |         |                       |                      |                |         |
|--------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                     | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                      | CH144   | 17.10                 | 51.29                | 1000           | Pass    |
| 11n (HT20)               | CH144   | 16.04                 | 40.18                | 1000           | Pass    |
| 11ac (VHT20)             | CH144   | 16.47                 | 44.36                | 1000           | Pass    |

## A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2260422-604 Data Part 1.pdf".

### Test Data

| U-NII-1 (5150 - 5250 MHz) |         |                       |                     |
|---------------------------|---------|-----------------------|---------------------|
| Mode                      | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                       | CH36    | 29.82                 | 16.69               |
| 11a                       | CH44    | 36.90                 | 17.44               |
| 11a                       | CH48    | 38.19                 | 17.28               |
| 11n (HT20)                | CH36    | 21.97                 | 17.69               |
| 11n (HT20)                | CH44    | 35.79                 | 17.89               |
| 11n (HT20)                | CH48    | 37.56                 | 17.86               |
| 11n (HT40)                | CH38    | 40.85                 | 36.17               |
| 11n (HT40)                | CH46    | 65.64                 | 36.33               |
| 11ac (VHT20)              | CH36    | 27.42                 | 17.72               |
| 11ac (VHT20)              | CH44    | 39.06                 | 18.00               |
| 11ac (VHT20)              | CH48    | 39.20                 | 18.18               |
| 11ac (VHT40)              | CH38    | 41.26                 | 36.08               |
| 11ac (VHT40)              | CH46    | 66.78                 | 36.29               |
| 11ac (VHT80)              | CH42    | 81.19                 | 75.20               |

| U-NII-2A (5250 - 5350 MHz) |         |                       |                     |
|----------------------------|---------|-----------------------|---------------------|
| Mode                       | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                        | CH52    | 37.60                 | 17.53               |
| 11a                        | CH60    | 37.62                 | 17.80               |
| 11a                        | CH64    | 30.59                 | 16.78               |
| 11n (HT20)                 | CH52    | 35.27                 | 18.00               |
| 11n (HT20)                 | CH60    | 36.26                 | 17.97               |
| 11n (HT20)                 | CH64    | 26.39                 | 17.74               |
| 11n (HT40)                 | CH54    | 68.11                 | 36.31               |
| 11n (HT40)                 | CH62    | 42.36                 | 36.12               |
| 11ac (VHT20)               | CH52    | 37.99                 | 18.04               |
| 11ac (VHT20)               | CH60    | 38.51                 | 18.15               |
| 11ac (VHT20)               | CH64    | 29.61                 | 17.75               |
| 11ac (VHT40)               | CH54    | 74.58                 | 36.35               |
| 11ac (VHT40)               | CH62    | 41.00                 | 36.06               |
| 11ac (VHT80)               | CH58    | 81.21                 | 75.18               |

| U-NII-2C (5470 - 5725 MHz) |         |                       |                     |
|----------------------------|---------|-----------------------|---------------------|
| Mode                       | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                        | CH100   | 26.87                 | 16.63               |
| 11a                        | CH116   | 36.59                 | 17.02               |
| 11a                        | CH140   | 21.02                 | 16.51               |
| 11n (HT20)                 | CH100   | 29.39                 | 17.73               |
| 11n (HT20)                 | CH116   | 32.67                 | 17.79               |
| 11n (HT20)                 | CH140   | 20.34                 | 17.64               |
| 11n (HT40)                 | CH102   | 40.70                 | 36.11               |
| 11n (HT40)                 | CH118   | 64.43                 | 36.25               |
| 11n (HT40)                 | CH134   | 42.68                 | 36.21               |
| 11ac (VHT20)               | CH100   | 24.89                 | 17.76               |
| 11ac (VHT20)               | CH116   | 34.69                 | 17.87               |
| 11ac (VHT20)               | CH140   | 20.39                 | 17.61               |
| 11ac (VHT40)               | CH102   | 40.77                 | 36.03               |
| 11ac (VHT40)               | CH118   | 58.41                 | 36.13               |
| 11ac (VHT40)               | CH134   | 42.35                 | 36.07               |
| 11ac (VHT80)               | CH106   | 81.44                 | 75.36               |
| 11ac (VHT80)               | CH122   | 105.40                | 75.64               |

| U-NII-3 (5725 - 5850 MHz) |         |                       |                     |
|---------------------------|---------|-----------------------|---------------------|
| Mode                      | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                       | CH149   | 20.13                 | 16.50               |
| 11a                       | CH157   | 21.31                 | 16.58               |
| 11a                       | CH165   | 20.45                 | 16.51               |
| 11n (HT20)                | CH149   | 20.35                 | 17.62               |
| 11n (HT20)                | CH157   | 20.42                 | 17.67               |
| 11n (HT20)                | CH165   | 20.42                 | 17.62               |
| 11n (HT40)                | CH151   | 40.65                 | 36.08               |
| 11n (HT40)                | CH159   | 40.92                 | 36.19               |
| 11ac (VHT20)              | CH149   | 20.64                 | 17.63               |
| 11ac (VHT20)              | CH157   | 20.37                 | 17.60               |
| 11ac (VHT20)              | CH165   | 20.29                 | 17.58               |
| 11ac (VHT40)              | CH151   | 40.67                 | 35.96               |
| 11ac (VHT40)              | CH159   | 40.79                 | 36.06               |
| 11ac (VHT80)              | CH155   | 81.62                 | 75.43               |

| U-NII-2C straddle channel |         |                       |                     |
|---------------------------|---------|-----------------------|---------------------|
| Mode                      | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                       | CH144   | 19.80                 | 13.40               |
| 11n (HT20)                | CH144   | 17.80                 | 13.80               |
| 11ac (VHT20)              | CH144   | 18.70                 | 13.90               |

| U-NII-3 straddle channel |         |                       |                     |
|--------------------------|---------|-----------------------|---------------------|
| Mode                     | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                      | CH144   | 9.60                  | 3.50                |
| 11n (HT20)               | CH144   | 8.10                  | 3.80                |
| 11ac (VHT20)             | CH144   | 9.30                  | 3.90                |

### A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2260422-604 Data Part 2.pdf”.

#### Test Data

| U-NII-3 (5725 - 5850 MHz) |         |                      |             |         |
|---------------------------|---------|----------------------|-------------|---------|
| Mode                      | Channel | 6 dB Bandwidth (MHz) | Limit (kHz) | Verdict |
| 11a                       | CH149   | 15.20                | 500.00      | Pass    |
| 11a                       | CH157   | 15.25                | 500.00      | Pass    |
| 11a                       | CH165   | 15.25                | 500.00      | Pass    |
| 11n (HT20)                | CH149   | 15.25                | 500.00      | Pass    |
| 11n (HT20)                | CH157   | 15.20                | 500.00      | Pass    |
| 11n (HT20)                | CH165   | 15.25                | 500.00      | Pass    |
| 11n (HT40)                | CH151   | 35.20                | 500.00      | Pass    |
| 11n (HT40)                | CH159   | 35.25                | 500.00      | Pass    |
| 11ac (VHT20)              | CH149   | 15.25                | 500.00      | Pass    |
| 11ac (VHT20)              | CH157   | 15.25                | 500.00      | Pass    |
| 11ac (VHT20)              | CH165   | 15.25                | 500.00      | Pass    |
| 11ac (VHT40)              | CH151   | 35.20                | 500.00      | Pass    |
| 11ac (VHT40)              | CH159   | 35.25                | 500.00      | Pass    |
| 11ac (VHT80)              | CH155   | 75.20                | 500.00      | Pass    |

| U-NII-3 straddle channel |         |                      |             |         |
|--------------------------|---------|----------------------|-------------|---------|
| Mode                     | Channel | 6 dB Bandwidth (MHz) | Limit (kHz) | Verdict |
| 11a                      | CH144   | 2.60                 | 500.00      | Pass    |
| 11n (HT20)               | CH144   | 2.75                 | 500.00      | Pass    |
| 11ac (VHT20)             | CH144   | 2.60                 | 500.00      | Pass    |

## A.4 Power Spectral Density

Note <sup>1</sup>: Test plots please refer to the document “Annex No.: BL-SZ2260422-604 Data Part 3.pdf”.

Note <sup>2</sup>: The RBW used in U-NII-3 is 1 MHz, and the PSD factor is:  $10 \cdot \log(500 \text{ kHz/RBW}) = -3 \text{ dBm}$ .

### Test Data

| U-NII-1 (5150 - 5250 MHz) |         |               |                 |         |
|---------------------------|---------|---------------|-----------------|---------|
| Mode                      | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                       | CH36    | 4.78          | 11.00           | Pass    |
| 11a                       | CH44    | 6.78          | 11.00           | Pass    |
| 11a                       | CH48    | 6.84          | 11.00           | Pass    |
| 11n (HT20)                | CH36    | 3.57          | 11.00           | Pass    |
| 11n (HT20)                | CH44    | 6.10          | 11.00           | Pass    |
| 11n (HT20)                | CH48    | 5.53          | 11.00           | Pass    |
| 11n (HT40)                | CH38    | -0.70         | 11.00           | Pass    |
| 11n (HT40)                | CH46    | 1.81          | 11.00           | Pass    |
| 11ac (VHT20)              | CH36    | 3.99          | 11.00           | Pass    |
| 11ac (VHT20)              | CH44    | 6.19          | 11.00           | Pass    |
| 11ac (VHT20)              | CH48    | 6.25          | 11.00           | Pass    |
| 11ac (VHT40)              | CH38    | -0.65         | 11.00           | Pass    |
| 11ac (VHT40)              | CH46    | 2.10          | 11.00           | Pass    |
| 11ac (VHT80)              | CH42    | -5.46         | 11.00           | Pass    |

| U-NII-2A (5250 - 5350 MHz) |         |               |                 |         |
|----------------------------|---------|---------------|-----------------|---------|
| Mode                       | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                        | CH52    | 6.75          | 11.00           | Pass    |
| 11a                        | CH60    | 7.58          | 11.00           | Pass    |
| 11a                        | CH64    | 5.88          | 11.00           | Pass    |
| 11n (HT20)                 | CH52    | 6.09          | 11.00           | Pass    |
| 11n (HT20)                 | CH60    | 6.68          | 11.00           | Pass    |
| 11n (HT20)                 | CH64    | 4.84          | 11.00           | Pass    |
| 11n (HT40)                 | CH54    | 2.09          | 11.00           | Pass    |
| 11n (HT40)                 | CH62    | -0.03         | 11.00           | Pass    |
| 11ac (VHT20)               | CH52    | 6.11          | 11.00           | Pass    |
| 11ac (VHT20)               | CH60    | 7.05          | 11.00           | Pass    |
| 11ac (VHT20)               | CH64    | 5.12          | 11.00           | Pass    |
| 11ac (VHT40)               | CH54    | 2.38          | 11.00           | Pass    |
| 11ac (VHT40)               | CH62    | -0.04         | 11.00           | Pass    |
| 11ac (VHT80)               | CH58    | -5.54         | 11.00           | Pass    |

| U-NII-2C (5470 - 5725 MHz) |         |               |                 |         |
|----------------------------|---------|---------------|-----------------|---------|
| Mode                       | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                        | CH100   | 4.76          | 11.00           | Pass    |
| 11a                        | CH116   | 7.54          | 11.00           | Pass    |
| 11a                        | CH140   | 3.17          | 11.00           | Pass    |
| 11n (HT20)                 | CH100   | 4.53          | 11.00           | Pass    |
| 11n (HT20)                 | CH116   | 6.34          | 11.00           | Pass    |
| 11n (HT20)                 | CH140   | 2.31          | 11.00           | Pass    |
| 11n (HT40)                 | CH102   | -1.55         | 11.00           | Pass    |
| 11n (HT40)                 | CH118   | 2.45          | 11.00           | Pass    |
| 11n (HT40)                 | CH134   | 1.84          | 11.00           | Pass    |
| 11ac (VHT20)               | CH100   | 5.34          | 11.00           | Pass    |
| 11ac (VHT20)               | CH116   | 6.74          | 11.00           | Pass    |
| 11ac (VHT20)               | CH140   | 2.72          | 11.00           | Pass    |
| 11ac (VHT40)               | CH102   | -1.09         | 11.00           | Pass    |
| 11ac (VHT40)               | CH118   | 2.43          | 11.00           | Pass    |
| 11ac (VHT40)               | CH134   | 1.30          | 11.00           | Pass    |
| 11ac (VHT80)               | CH106   | -5.28         | 11.00           | Pass    |
| 11ac (VHT80)               | CH122   | -2.31         | 11.00           | Pass    |

| U-NII-3 (5725 - 5850 MHz) |         |                     |                       |         |
|---------------------------|---------|---------------------|-----------------------|---------|
| Mode                      | Channel | PSD<br>(dBm/500kHz) | Limit<br>(dBm/500kHz) | Verdict |
| 11a                       | CH149   | -0.17               | 30.00                 | Pass    |
| 11a                       | CH157   | -0.77               | 30.00                 | Pass    |
| 11a                       | CH165   | 0.12                | 30.00                 | Pass    |
| 11n (HT20)                | CH149   | -0.42               | 30.00                 | Pass    |
| 11n (HT20)                | CH157   | -1.05               | 30.00                 | Pass    |
| 11n (HT20)                | CH165   | -0.14               | 30.00                 | Pass    |
| 11n (HT40)                | CH151   | -3.52               | 30.00                 | Pass    |
| 11n (HT40)                | CH159   | -4.00               | 30.00                 | Pass    |
| 11ac (VHT20)              | CH149   | -0.02               | 30.00                 | Pass    |
| 11ac (VHT20)              | CH157   | -1.17               | 30.00                 | Pass    |
| 11ac (VHT20)              | CH165   | -0.32               | 30.00                 | Pass    |
| 11ac (VHT40)              | CH151   | -2.99               | 30.00                 | Pass    |
| 11ac (VHT40)              | CH159   | -4.03               | 30.00                 | Pass    |
| 11ac (VHT80)              | CH155   | -7.23               | 30.00                 | Pass    |

| U-NII-2C straddle channel |         |               |                 |         |
|---------------------------|---------|---------------|-----------------|---------|
| Mode                      | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                       | CH144   | 5.86          | 11.00           | Pass    |
| 11n (HT20)                | CH144   | 4.68          | 11.00           | Pass    |
| 11ac (VHT20)              | CH144   | 5.19          | 11.00           | Pass    |

| U-NII-3 straddle channel |         |                     |                       |         |
|--------------------------|---------|---------------------|-----------------------|---------|
| Mode                     | Channel | PSD<br>(dBm/500kHz) | Limit<br>(dBm/500kHz) | Verdict |
| 11a                      | CH144   | 3.19                | 30.00                 | Pass    |
| 11n (HT20)               | CH144   | 1.91                | 30.00                 | Pass    |
| 11ac (VHT20)             | CH144   | 2.49                | 30.00                 | Pass    |

## A.5 Conducted Emissions

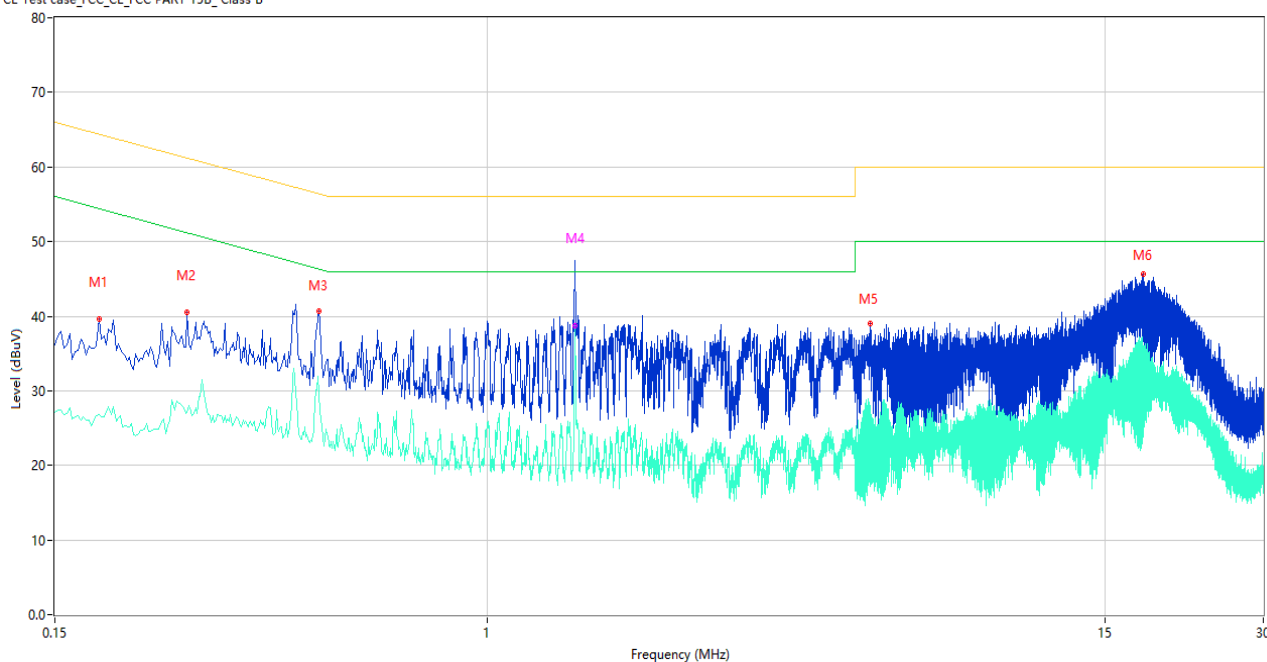
Note <sup>1</sup>: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

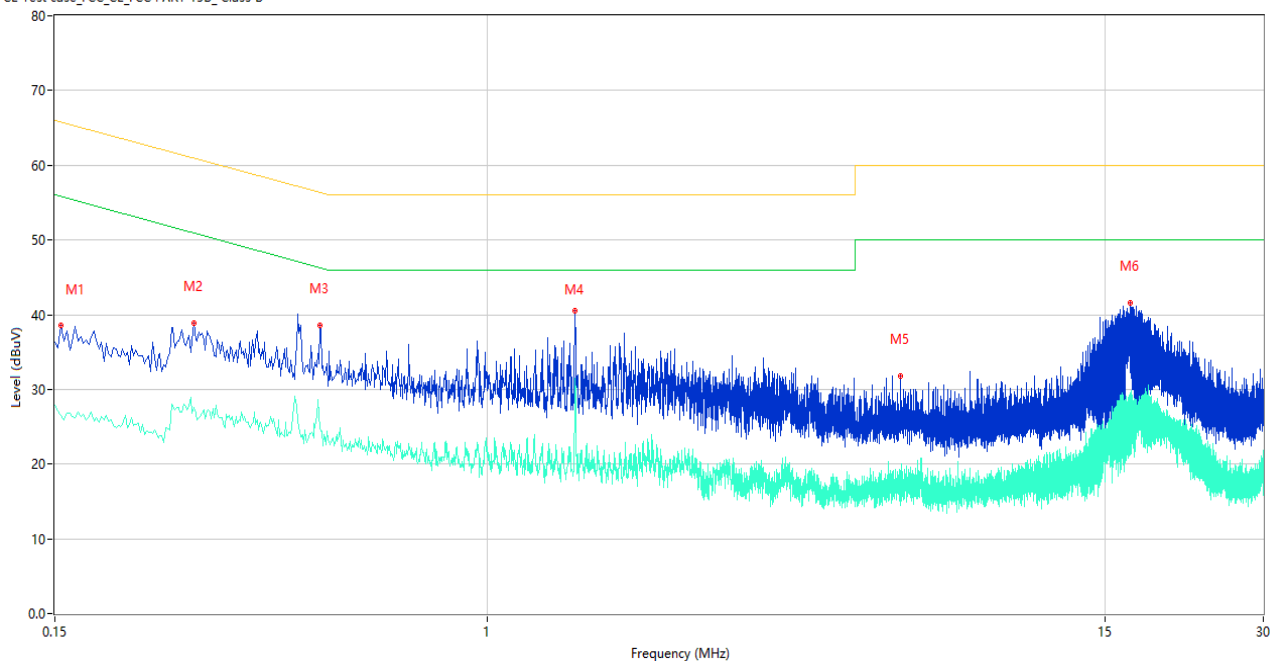
CE Test case\_FCC\_CE\_FCC PART 15B\_Class B



| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Over Limit (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-----------------|----------|------|---------|
| 1   | 0.182           | 39.66          | 10.13       | 64.39        | -24.73          | Peak     | L    | Pass    |
| 1** | 0.182           | 26.78          | 10.13       | 54.39        | -27.61          | AV       | L    | Pass    |
| 2   | 0.268           | 40.46          | 10.08       | 61.18        | -20.72          | Peak     | L    | Pass    |
| 2** | 0.268           | 27.18          | 10.08       | 51.18        | -24.00          | AV       | L    | Pass    |
| 3   | 0.478           | 40.63          | 10.11       | 56.37        | -15.74          | Peak     | L    | Pass    |
| 3** | 0.478           | 29.67          | 10.11       | 46.37        | -16.70          | AV       | L    | Pass    |
| 4   | 1.468           | 47.51          | 9.95        | 56.00        | -8.49           | Peak     | L    | Pass    |
| 4** | 1.468           | 38.79          | 9.95        | 46.00        | -7.21           | AV       | L    | Pass    |
| 5   | 5.354           | 39.02          | 9.98        | 60.00        | -20.98          | Peak     | L    | Pass    |
| 5** | 5.354           | 26.90          | 9.98        | 50.00        | -23.10          | AV       | L    | Pass    |
| 6   | 17.756          | 45.67          | 10.19       | 60.00        | -14.33          | Peak     | L    | Pass    |
| 6** | 17.756          | 35.26          | 10.19       | 50.00        | -14.74          | AV       | L    | Pass    |

## PHASE N

CE Test case\_FCC\_CE\_FCC PART 15B\_Class B



| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Over Limit (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-----------------|----------|------|---------|
| 1   | 0.154           | 38.50          | 10.18       | 65.78        | -27.28          | Peak     | N    | Pass    |
| 1** | 0.154           | 26.58          | 10.18       | 55.78        | -29.20          | AV       | N    | Pass    |
| 2   | 0.276           | 38.91          | 10.07       | 60.94        | -22.03          | Peak     | N    | Pass    |
| 2** | 0.276           | 27.55          | 10.07       | 50.94        | -23.39          | AV       | N    | Pass    |
| 3   | 0.480           | 38.55          | 10.11       | 56.34        | -17.79          | Peak     | N    | Pass    |
| 3** | 0.480           | 24.89          | 10.11       | 46.34        | -21.45          | AV       | N    | Pass    |
| 4   | 1.468           | 40.54          | 9.95        | 56.00        | -15.46          | Peak     | N    | Pass    |
| 4** | 1.468           | 31.19          | 9.95        | 46.00        | -14.81          | AV       | N    | Pass    |
| 5   | 6.104           | 31.75          | 10.05       | 60.00        | -28.25          | Peak     | N    | Pass    |
| 5** | 6.104           | 18.89          | 10.05       | 50.00        | -31.11          | AV       | N    | Pass    |
| 6   | 16.750          | 41.61          | 10.18       | 60.00        | -18.39          | Peak     | N    | Pass    |
| 6** | 16.750          | 22.61          | 10.18       | 50.00        | -27.39          | AV       | N    | Pass    |

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

### Test Data

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

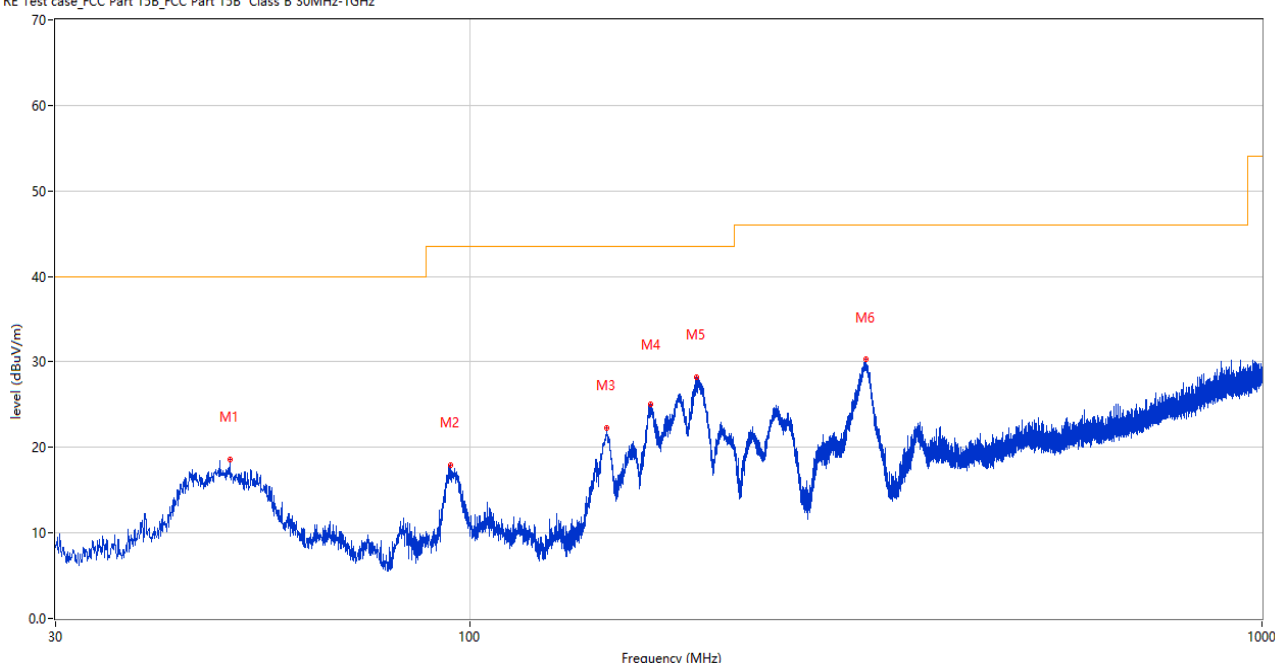
Note <sup>2</sup>: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

### 30 MHz to 1 GHz, ANT H

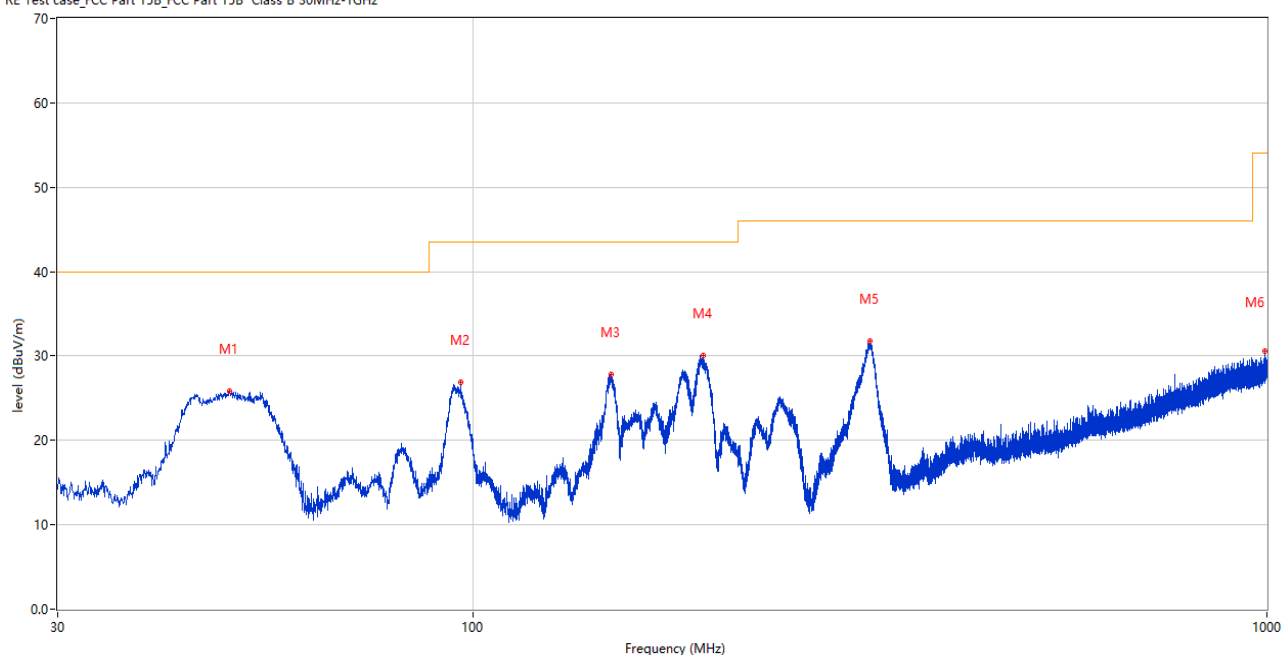
RE Test case\_FCC Part 15B\_FCC Part 15B Class B 30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 49.788          | 18.61            | -25.56      | 40.0           | -21.39          | Peak     | 115.00         | 100         | Horizontal | Pass    |
| 2   | 94.505          | 17.95            | -27.63      | 43.5           | -25.55          | Peak     | 261.00         | 200         | Horizontal | Pass    |
| 3   | 148.874         | 22.31            | -30.05      | 43.5           | -21.19          | Peak     | 17.00          | 200         | Horizontal | Pass    |
| 4   | 169.146         | 25.08            | -29.27      | 43.5           | -18.42          | Peak     | 91.00          | 200         | Horizontal | Pass    |
| 5   | 193.106         | 28.27            | -27.07      | 43.5           | -15.23          | Peak     | 263.00         | 100         | Horizontal | Pass    |
| 6   | 316.295         | 30.26            | -23.16      | 46.0           | -15.74          | Peak     | 316.00         | 100         | Horizontal | Pass    |

## 30 MHz to 1 GHz, ANT V

RE Test case\_FCC Part 15B\_FCC Part 15B Class B 30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 49.352          | 25.80            | -25.50      | 40.0           | -14.20          | Peak     | 325.00         | 100         | Vertical | Pass    |
| 2   | 96.542          | 26.87            | -27.28      | 43.5           | -16.63          | Peak     | 187.00         | 100         | Vertical | Pass    |
| 3   | 149.213         | 27.82            | -30.05      | 43.5           | -15.68          | Peak     | 303.00         | 100         | Vertical | Pass    |
| 4   | 194.948         | 30.04            | -26.85      | 43.5           | -13.46          | Peak     | 335.00         | 100         | Vertical | Pass    |
| 5   | 316.392         | 31.82            | -23.16      | 46.0           | -14.18          | Peak     | 197.00         | 100         | Vertical | Pass    |
| 6   | 992.774         | 30.58            | -8.41       | 54.0           | -23.42          | Peak     | 2.00           | 100         | Vertical | Pass    |

Note 1: The marked "N/A" spikes near 5150MHz-5850MHz MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious from 18GHz to 40GHz 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1461.500        | 38.14            | -17.66      | 74.0           | -35.86          | Peak     | 315.00         | 300         | Horizontal | Pass    |
| 1** | 1461.500        | 28.34            | -17.66      | 54.0           | -25.66          | AV       | 315.00         | 300         | Horizontal | Pass    |
| 2   | 4307.750        | 47.69            | -4.18       | 74.0           | -26.31          | Peak     | 179.00         | 150         | Horizontal | Pass    |
| 2** | 4307.750        | 38.97            | -4.18       | 54.0           | -15.03          | AV       | 179.00         | 150         | Horizontal | Pass    |
| 3   | 5178.750        | 107.60           | -2.25       | --             | --              | Peak     | 31.00          | 150         | Horizontal | N/A     |
| 3** | 5178.750        | 100.57           | -2.25       | --             | --              | AV       | 31.00          | 150         | Horizontal | N/A     |
| 4   | 7462.750        | 52.66            | 1.09        | 74.0           | -21.34          | Peak     | 92.00          | 150         | Horizontal | Pass    |
| 4** | 7462.750        | 44.64            | 1.09        | 54.0           | -9.36           | AV       | 92.00          | 150         | Horizontal | Pass    |
| 5   | 11208.863       | 49.41            | -4.08       | 74.0           | -24.59          | Peak     | 261.00         | 150         | Horizontal | Pass    |
| 5** | 11208.863       | 40.15            | -4.08       | 54.0           | -13.85          | AV       | 261.00         | 150         | Horizontal | Pass    |
| 6   | 16150.950       | 52.42            | -0.47       | 74.0           | -21.58          | Peak     | 261.00         | 150         | Horizontal | Pass    |
| 6** | 16150.950       | 43.21            | -0.47       | 54.0           | -10.79          | AV       | 261.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1440.700        | 37.64            | -17.28      | 74.0           | -36.36          | Peak     | 209.00         | 150         | Vertical | Pass    |
| 1** | 1440.700        | 28.72            | -17.28      | 54.0           | -25.28          | AV       | 209.00         | 150         | Vertical | Pass    |
| 2   | 4306.500        | 48.55            | -4.17       | 74.0           | -25.45          | Peak     | 74.00          | 150         | Vertical | Pass    |
| 2** | 4306.500        | 39.45            | -4.17       | 54.0           | -14.55          | AV       | 74.00          | 150         | Vertical | Pass    |
| 3   | 5182.500        | 100.65           | -2.10       | --             | --              | Peak     | 252.00         | 150         | Vertical | N/A     |
| 3** | 5182.500        | 93.35            | -2.10       | --             | --              | AV       | 252.00         | 150         | Vertical | N/A     |
| 4   | 7518.750        | 52.63            | 0.87        | 74.0           | -21.37          | Peak     | 287.00         | 150         | Vertical | Pass    |
| 4** | 7518.750        | 43.83            | 0.87        | 54.0           | -10.17          | AV       | 287.00         | 150         | Vertical | Pass    |
| 5   | 11788.838       | 49.87            | -3.63       | 74.0           | -24.13          | Peak     | 336.00         | 150         | Vertical | Pass    |
| 5** | 11788.838       | 40.88            | -3.63       | 54.0           | -13.12          | AV       | 336.00         | 150         | Vertical | Pass    |
| 6   | 16155.675       | 52.53            | -0.46       | 74.0           | -21.47          | Peak     | 332.00         | 150         | Vertical | Pass    |
| 6** | 16155.675       | 43.92            | -0.46       | 54.0           | -10.08          | AV       | 332.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1483.500        | 37.41            | -17.33      | 74.0           | -36.59          | Peak     | 320.00         | 150         | Horizontal | Pass    |
| 1** | 1483.500        | 28.89            | -17.33      | 54.0           | -25.11          | AV       | 320.00         | 150         | Horizontal | Pass    |
| 2   | 4280.750        | 48.81            | -4.79       | 74.0           | -25.19          | Peak     | 233.00         | 150         | Horizontal | Pass    |
| 2** | 4280.750        | 39.18            | -4.79       | 54.0           | -14.82          | AV       | 233.00         | 150         | Horizontal | Pass    |
| 3   | 5219.000        | 107.36           | -3.47       | --             | --              | Peak     | 153.00         | 150         | Horizontal | N/A     |
| 3** | 5219.000        | 99.90            | -3.47       | --             | --              | AV       | 153.00         | 150         | Horizontal | N/A     |
| 4   | 7701.250        | 52.94            | 1.71        | 74.0           | -21.06          | Peak     | 82.00          | 150         | Horizontal | Pass    |
| 4** | 7701.250        | 43.08            | 1.71        | 54.0           | -10.92          | AV       | 82.00          | 150         | Horizontal | Pass    |
| 5   | 11222.638       | 49.59            | -4.13       | 74.0           | -24.41          | Peak     | 130.00         | 200         | Horizontal | Pass    |
| 5** | 11222.638       | 39.78            | -4.13       | 54.0           | -14.22          | AV       | 130.00         | 200         | Horizontal | Pass    |
| 6   | 16158.300       | 51.16            | -0.46       | 74.0           | -22.84          | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 6** | 16158.300       | 43.21            | -0.46       | 54.0           | -10.79          | AV       | 360.00         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1440.800        | 38.41            | -17.27      | 74.0           | -35.59          | Peak     | 231.00         | 150         | Vertical | Pass    |
| 1** | 1440.800        | 29.38            | -17.27      | 54.0           | -24.62          | AV       | 231.00         | 150         | Vertical | Pass    |
| 2   | 4311.750        | 47.95            | -4.27       | 74.0           | -26.05          | Peak     | 75.00          | 100         | Vertical | Pass    |
| 2** | 4311.750        | 38.55            | -4.27       | 54.0           | -15.45          | AV       | 75.00          | 100         | Vertical | Pass    |
| 3   | 5218.000        | 100.29           | -3.47       | --             | --              | Peak     | 312.00         | 150         | Vertical | N/A     |
| 3** | 5218.000        | 91.75            | -3.47       | --             | --              | AV       | 312.00         | 150         | Vertical | N/A     |
| 4   | 7460.750        | 52.85            | 1.14        | 74.0           | -21.15          | Peak     | 75.00          | 150         | Vertical | Pass    |
| 4** | 7460.750        | 44.93            | 1.14        | 54.0           | -9.07           | AV       | 75.00          | 150         | Vertical | Pass    |
| 5   | 12035.599       | 49.70            | -3.40       | 74.0           | -24.30          | Peak     | 268.00         | 200         | Vertical | Pass    |
| 5** | 12035.599       | 39.20            | -3.40       | 54.0           | -14.80          | AV       | 268.00         | 200         | Vertical | Pass    |
| 6   | 16190.850       | 51.87            | -0.44       | 74.0           | -22.13          | Peak     | 229.00         | 150         | Vertical | Pass    |
| 6** | 16190.850       | 42.57            | -0.44       | 54.0           | -11.43          | AV       | 229.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1585.800        | 37.73            | -17.48      | 74.0           | -36.27          | Peak     | 281.00         | 150         | Horizontal | Pass    |
| 1** | 1585.800        | 27.85            | -17.48      | 54.0           | -26.15          | AV       | 281.00         | 150         | Horizontal | Pass    |
| 2   | 4247.250        | 47.65            | -5.21       | 74.0           | -26.35          | Peak     | 260.00         | 100         | Horizontal | Pass    |
| 2** | 4247.250        | 37.94            | -5.21       | 54.0           | -16.06          | AV       | 260.00         | 100         | Horizontal | Pass    |
| 3   | 5238.500        | 107.43           | -3.22       | --             | --              | Peak     | 155.00         | 150         | Horizontal | N/A     |
| 3** | 5238.500        | 100.00           | -3.22       | --             | --              | AV       | 155.00         | 150         | Horizontal | N/A     |
| 4   | 7458.500        | 52.89            | 1.15        | 74.0           | -21.11          | Peak     | 329.00         | 150         | Horizontal | Pass    |
| 4** | 7458.500        | 44.33            | 1.15        | 54.0           | -9.67           | AV       | 329.00         | 150         | Horizontal | Pass    |
| 5   | 11446.600       | 49.81            | -3.90       | 74.0           | -24.19          | Peak     | 106.00         | 150         | Horizontal | Pass    |
| 5** | 11446.600       | 39.97            | -3.90       | 54.0           | -14.03          | AV       | 106.00         | 150         | Horizontal | Pass    |
| 6   | 16027.050       | 51.17            | -0.12       | 74.0           | -22.83          | Peak     | 351.00         | 200         | Horizontal | Pass    |
| 6** | 16027.050       | 40.90            | -0.12       | 54.0           | -13.10          | AV       | 351.00         | 200         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1570.100        | 37.80            | -17.54      | 74.0           | -36.20          | Peak     | 73.00          | 150         | Vertical | Pass    |
| 1** | 1570.100        | 28.49            | -17.54      | 54.0           | -25.51          | AV       | 73.00          | 150         | Vertical | Pass    |
| 2   | 4345.250        | 47.57            | -4.88       | 74.0           | -26.43          | Peak     | 219.00         | 200         | Vertical | Pass    |
| 2** | 4345.250        | 38.60            | -4.88       | 54.0           | -15.40          | AV       | 219.00         | 200         | Vertical | Pass    |
| 3   | 5238.000        | 99.84            | -3.23       | --             | --              | Peak     | 53.00          | 150         | Vertical | N/A     |
| 3** | 5238.000        | 93.31            | -3.23       | --             | --              | AV       | 53.00          | 150         | Vertical | N/A     |
| 4   | 7455.500        | 53.26            | 1.16        | 74.0           | -20.74          | Peak     | 156.00         | 150         | Vertical | Pass    |
| 4** | 7455.500        | 43.74            | 1.16        | 54.0           | -10.26          | AV       | 156.00         | 150         | Vertical | Pass    |
| 5   | 12208.263       | 49.45            | -2.98       | 74.0           | -24.55          | Peak     | 105.00         | 150         | Vertical | Pass    |
| 5** | 12208.263       | 39.63            | -2.98       | 54.0           | -14.37          | AV       | 105.00         | 150         | Vertical | Pass    |
| 6   | 16170.900       | 51.38            | -0.46       | 74.0           | -22.62          | Peak     | 351.00         | 150         | Vertical | Pass    |
| 6** | 16170.900       | 42.77            | -0.46       | 54.0           | -11.23          | AV       | 351.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1559.200        | 37.93            | -17.76      | 74.0           | -36.07          | Peak     | 295.00         | 150         | Horizontal | Pass    |
| 1** | 1559.200        | 27.46            | -17.76      | 54.0           | -26.54          | AV       | 295.00         | 150         | Horizontal | Pass    |
| 2   | 4285.250        | 48.10            | -4.66       | 74.0           | -25.90          | Peak     | 41.00          | 200         | Horizontal | Pass    |
| 2** | 4285.250        | 38.64            | -4.66       | 54.0           | -15.36          | AV       | 41.00          | 200         | Horizontal | Pass    |
| 3   | 5179.000        | 106.41           | -2.24       | --             | --              | Peak     | 180.00         | 150         | Horizontal | N/A     |
| 3** | 5179.000        | 99.97            | -2.24       | --             | --              | AV       | 180.00         | 150         | Horizontal | N/A     |
| 4   | 7508.250        | 53.07            | 0.38        | 74.0           | -20.93          | Peak     | 102.00         | 150         | Horizontal | Pass    |
| 4** | 7508.250        | 44.05            | 0.38        | 54.0           | -9.95           | AV       | 102.00         | 150         | Horizontal | Pass    |
| 5   | 11787.650       | 49.91            | -3.64       | 74.0           | -24.09          | Peak     | 33.00          | 150         | Horizontal | Pass    |
| 5** | 11787.650       | 40.29            | -3.64       | 54.0           | -13.71          | AV       | 33.00          | 150         | Horizontal | Pass    |
| 6   | 16163.025       | 52.38            | -0.46       | 74.0           | -21.62          | Peak     | 348.00         | 200         | Horizontal | Pass    |
| 6** | 16163.025       | 42.40            | -0.46       | 54.0           | -11.60          | AV       | 348.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1492.000        | 37.58            | -17.39      | 74.0           | -36.42          | Peak     | 100.00         | 150         | Vertical | Pass    |
| 1** | 1492.000        | 27.85            | -17.39      | 54.0           | -26.15          | AV       | 100.00         | 150         | Vertical | Pass    |
| 2   | 4306.250        | 49.01            | -4.18       | 74.0           | -24.99          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 2** | 4306.250        | 39.61            | -4.18       | 54.0           | -14.39          | AV       | 0.00           | 150         | Vertical | Pass    |
| 3   | 5183.000        | 99.60            | -2.08       | --             | --              | Peak     | 56.00          | 150         | Vertical | N/A     |
| 3** | 5183.000        | 92.35            | -2.08       | --             | --              | AV       | 56.00          | 150         | Vertical | N/A     |
| 4   | 7520.000        | 53.12            | 0.81        | 74.0           | -20.88          | Peak     | 197.00         | 150         | Vertical | Pass    |
| 4** | 7520.000        | 43.47            | 0.81        | 54.0           | -10.53          | AV       | 197.00         | 150         | Vertical | Pass    |
| 5   | 11804.276       | 49.38            | -3.51       | 74.0           | -24.62          | Peak     | 287.00         | 150         | Vertical | Pass    |
| 5** | 11804.276       | 40.30            | -3.51       | 54.0           | -13.70          | AV       | 287.00         | 150         | Vertical | Pass    |
| 6   | 16168.013       | 51.41            | -0.46       | 74.0           | -22.59          | Peak     | 360.00         | 300         | Vertical | Pass    |
| 6** | 16168.013       | 42.41            | -0.46       | 54.0           | -11.59          | AV       | 360.00         | 300         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1614.300        | 37.81            | -17.48      | 74.0           | -36.19          | Peak     | 48.00          | 150         | Horizontal | Pass    |
| 1** | 1614.300        | 29.12            | -17.48      | 54.0           | -24.88          | AV       | 48.00          | 150         | Horizontal | Pass    |
| 2   | 4319.000        | 48.47            | -4.59       | 74.0           | -25.53          | Peak     | 73.00          | 200         | Horizontal | Pass    |
| 2** | 4319.000        | 39.24            | -4.59       | 54.0           | -14.76          | AV       | 73.00          | 200         | Horizontal | Pass    |
| 3   | 5221.250        | 106.36           | -3.37       | --             | --              | Peak     | 145.00         | 150         | Horizontal | N/A     |
| 3** | 5221.250        | 98.64            | -3.37       | --             | --              | AV       | 145.00         | 150         | Horizontal | N/A     |
| 4   | 7459.250        | 52.72            | 1.14        | 74.0           | -21.28          | Peak     | 322.00         | 150         | Horizontal | Pass    |
| 4** | 7459.250        | 44.53            | 1.14        | 54.0           | -9.47           | AV       | 322.00         | 150         | Horizontal | Pass    |
| 5   | 11700.725       | 49.17            | -4.19       | 74.0           | -24.83          | Peak     | 155.00         | 200         | Horizontal | Pass    |
| 5** | 11700.725       | 40.28            | -4.19       | 54.0           | -13.72          | AV       | 155.00         | 200         | Horizontal | Pass    |
| 6   | 16023.113       | 52.12            | -0.13       | 74.0           | -21.88          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 6** | 16023.113       | 40.88            | -0.13       | 54.0           | -13.12          | AV       | 360.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1547.900        | 37.99            | -17.67      | 74.0           | -36.01          | Peak     | 195.00         | 200         | Vertical | Pass    |
| 1** | 1547.900        | 27.86            | -17.67      | 54.0           | -26.14          | AV       | 195.00         | 200         | Vertical | Pass    |
| 2   | 4361.250        | 48.74            | -4.29       | 74.0           | -25.26          | Peak     | 170.00         | 200         | Vertical | Pass    |
| 2** | 4361.250        | 38.62            | -4.29       | 54.0           | -15.38          | AV       | 170.00         | 200         | Vertical | Pass    |
| 3   | 5222.000        | 98.59            | -3.42       | --             | --              | Peak     | 319.00         | 150         | Vertical | N/A     |
| 3** | 5222.000        | 91.96            | -3.42       | --             | --              | AV       | 319.00         | 150         | Vertical | N/A     |
| 4   | 7471.500        | 53.48            | 0.79        | 74.0           | -20.52          | Peak     | 82.00          | 150         | Vertical | Pass    |
| 4** | 7471.500        | 44.62            | 0.79        | 54.0           | -9.38           | AV       | 82.00          | 150         | Vertical | Pass    |
| 5   | 11396.487       | 49.97            | -4.23       | 74.0           | -24.03          | Peak     | 19.00          | 150         | Vertical | Pass    |
| 5** | 11396.487       | 38.79            | -4.23       | 54.0           | -15.21          | AV       | 19.00          | 150         | Vertical | Pass    |
| 6   | 16159.088       | 51.94            | -0.46       | 74.0           | -22.06          | Peak     | 332.00         | 150         | Vertical | Pass    |
| 6** | 16159.088       | 41.60            | -0.46       | 54.0           | -12.40          | AV       | 332.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1570.500        | 37.37            | -17.52      | 74.0           | -36.63          | Peak     | 87.00          | 150         | Horizontal | Pass    |
| 1** | 1570.500        | 28.66            | -17.52      | 54.0           | -25.34          | AV       | 87.00          | 150         | Horizontal | Pass    |
| 2   | 4312.750        | 48.24            | -4.31       | 74.0           | -25.76          | Peak     | 84.00          | 200         | Horizontal | Pass    |
| 2** | 4312.750        | 38.21            | -4.31       | 54.0           | -15.79          | AV       | 84.00          | 200         | Horizontal | Pass    |
| 3   | 5238.500        | 106.04           | -3.22       | --             | --              | Peak     | 189.00         | 150         | Horizontal | N/A     |
| 3** | 5238.500        | 99.26            | -3.22       | --             | --              | AV       | 189.00         | 150         | Horizontal | N/A     |
| 4   | 7513.250        | 52.99            | 0.65        | 74.0           | -21.01          | Peak     | 65.00          | 150         | Horizontal | Pass    |
| 4** | 7513.250        | 45.81            | 0.65        | 54.0           | -8.19           | AV       | 65.00          | 150         | Horizontal | Pass    |
| 5   | 12651.675       | 50.17            | -2.30       | 74.0           | -23.83          | Peak     | 181.00         | 150         | Horizontal | Pass    |
| 5** | 12651.675       | 40.70            | -2.30       | 54.0           | -13.30          | AV       | 181.00         | 150         | Horizontal | Pass    |
| 6   | 16166.438       | 52.93            | -0.46       | 74.0           | -21.07          | Peak     | 231.00         | 150         | Horizontal | Pass    |
| 6** | 16166.438       | 43.06            | -0.46       | 54.0           | -10.94          | AV       | 231.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1574.000        | 38.07            | -17.51      | 74.0           | -35.93          | Peak     | 284.00         | 100         | Vertical | Pass    |
| 1** | 1574.000        | 29.30            | -17.51      | 54.0           | -24.70          | AV       | 284.00         | 100         | Vertical | Pass    |
| 2   | 4301.750        | 47.61            | -4.47       | 74.0           | -26.39          | Peak     | 118.00         | 200         | Vertical | Pass    |
| 2** | 4301.750        | 38.69            | -4.47       | 54.0           | -15.31          | AV       | 118.00         | 200         | Vertical | Pass    |
| 3   | 5239.000        | 99.12            | -3.22       | --             | --              | Peak     | 47.00          | 150         | Vertical | N/A     |
| 3** | 5239.000        | 92.12            | -3.22       | --             | --              | AV       | 47.00          | 150         | Vertical | N/A     |
| 4   | 7518.750        | 53.14            | 0.87        | 74.0           | -20.86          | Peak     | 268.00         | 150         | Vertical | Pass    |
| 4** | 7518.750        | 43.47            | 0.87        | 54.0           | -10.53          | AV       | 268.00         | 150         | Vertical | Pass    |
| 5   | 12298.512       | 50.37            | -2.45       | 74.0           | -23.63          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 5** | 12298.512       | 40.76            | -2.45       | 54.0           | -13.24          | AV       | 360.00         | 150         | Vertical | Pass    |
| 6   | 15812.062       | 51.67            | -0.73       | 74.0           | -22.33          | Peak     | 2.00           | 150         | Vertical | Pass    |
| 6** | 15812.062       | 41.48            | -0.73       | 54.0           | -12.52          | AV       | 2.00           | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1491.400        | 37.73            | -17.38      | 74.0           | -36.27          | Peak     | 53.00          | 150         | Horizontal | Pass    |
| 1** | 1491.400        | 28.59            | -17.38      | 54.0           | -25.41          | AV       | 53.00          | 150         | Horizontal | Pass    |
| 2   | 4328.750        | 48.22            | -4.96       | 74.0           | -25.78          | Peak     | 155.00         | 100         | Horizontal | Pass    |
| 2** | 4328.750        | 38.11            | -4.96       | 54.0           | -15.89          | AV       | 155.00         | 100         | Horizontal | Pass    |
| 3   | 5187.250        | 103.89           | -2.46       | --             | --              | Peak     | 155.00         | 150         | Horizontal | N/A     |
| 3** | 5187.250        | 96.45            | -2.46       | --             | --              | AV       | 155.00         | 150         | Horizontal | N/A     |
| 4   | 7516.250        | 53.18            | 0.94        | 74.0           | -20.82          | Peak     | 92.00          | 100         | Horizontal | Pass    |
| 4** | 7516.250        | 43.99            | 0.94        | 54.0           | -10.01          | AV       | 92.00          | 100         | Horizontal | Pass    |
| 5   | 12617.475       | 49.81            | -2.51       | 74.0           | -24.19          | Peak     | 58.00          | 150         | Horizontal | Pass    |
| 5** | 12617.475       | 40.19            | -2.51       | 54.0           | -13.81          | AV       | 58.00          | 150         | Horizontal | Pass    |
| 6   | 15948.562       | 52.03            | -0.26       | 74.0           | -21.97          | Peak     | 282.00         | 350         | Horizontal | Pass    |
| 6** | 15948.562       | 41.80            | -0.26       | 54.0           | -12.20          | AV       | 282.00         | 350         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1572.800        | 37.52            | -17.60      | 74.0           | -36.48          | Peak     | 121.00         | 200         | Vertical | Pass    |
| 1** | 1572.800        | 27.93            | -17.60      | 54.0           | -26.07          | AV       | 121.00         | 200         | Vertical | Pass    |
| 2   | 4381.250        | 47.90            | -3.96       | 74.0           | -26.10          | Peak     | 126.00         | 150         | Vertical | Pass    |
| 2** | 4381.250        | 38.11            | -3.96       | 54.0           | -15.89          | AV       | 126.00         | 150         | Vertical | Pass    |
| 3   | 5187.250        | 97.23            | -2.46       | --             | --              | Peak     | 55.00          | 150         | Vertical | N/A     |
| 3** | 5187.250        | 90.62            | -2.46       | --             | --              | AV       | 55.00          | 150         | Vertical | N/A     |
| 4   | 7703.250        | 53.36            | 1.94        | 74.0           | -20.64          | Peak     | 188.00         | 300         | Vertical | Pass    |
| 4** | 7703.250        | 44.13            | 1.94        | 54.0           | -9.87           | AV       | 188.00         | 300         | Vertical | Pass    |
| 5   | 12697.275       | 49.34            | -2.33       | 74.0           | -24.66          | Peak     | 119.00         | 150         | Vertical | Pass    |
| 5** | 12697.275       | 39.89            | -2.33       | 54.0           | -14.11          | AV       | 119.00         | 150         | Vertical | Pass    |
| 6   | 16176.675       | 52.05            | -0.45       | 74.0           | -21.95          | Peak     | 249.00         | 150         | Vertical | Pass    |
| 6** | 16176.675       | 43.58            | -0.45       | 54.0           | -10.42          | AV       | 249.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1494.700        | 37.75            | -17.47      | 74.0           | -36.25          | Peak     | 67.00          | 150         | Horizontal | Pass    |
| 1** | 1494.700        | 28.65            | -17.47      | 54.0           | -25.35          | AV       | 67.00          | 150         | Horizontal | Pass    |
| 2   | 4365.750        | 48.12            | -4.16       | 74.0           | -25.88          | Peak     | 161.00         | 150         | Horizontal | Pass    |
| 2** | 4365.750        | 38.44            | -4.16       | 54.0           | -15.56          | AV       | 161.00         | 150         | Horizontal | Pass    |
| 3   | 5232.500        | 103.66           | -3.33       | --             | --              | Peak     | 153.00         | 150         | Horizontal | N/A     |
| 3** | 5232.500        | 96.13            | -3.33       | --             | --              | AV       | 153.00         | 150         | Horizontal | N/A     |
| 4   | 7456.500        | 53.60            | 1.14        | 74.0           | -20.40          | Peak     | 65.00          | 150         | Horizontal | Pass    |
| 4** | 7456.500        | 44.46            | 1.14        | 54.0           | -9.54           | AV       | 65.00          | 150         | Horizontal | Pass    |
| 5   | 12313.475       | 50.00            | -2.54       | 74.0           | -24.00          | Peak     | 218.00         | 150         | Horizontal | Pass    |
| 5** | 12313.475       | 40.00            | -2.54       | 54.0           | -14.00          | AV       | 218.00         | 150         | Horizontal | Pass    |
| 6   | 16138.087       | 51.91            | -0.59       | 74.0           | -22.09          | Peak     | 332.00         | 150         | Horizontal | Pass    |
| 6** | 16138.087       | 42.67            | -0.59       | 54.0           | -11.33          | AV       | 332.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1544.400        | 37.33            | -17.64      | 74.0           | -36.67          | Peak     | 294.00         | 300         | Vertical | Pass    |
| 1** | 1544.400        | 28.31            | -17.64      | 54.0           | -25.69          | AV       | 294.00         | 300         | Vertical | Pass    |
| 2   | 4237.000        | 48.58            | -5.13       | 74.0           | -25.42          | Peak     | 256.00         | 200         | Vertical | Pass    |
| 2** | 4237.000        | 37.97            | -5.13       | 54.0           | -16.03          | AV       | 256.00         | 200         | Vertical | Pass    |
| 3   | 5231.500        | 96.31            | -3.40       | --             | --              | Peak     | 60.00          | 150         | Vertical | N/A     |
| 3** | 5231.500        | 88.57            | -3.40       | --             | --              | AV       | 60.00          | 150         | Vertical | N/A     |
| 4   | 7456.000        | 53.16            | 1.15        | 74.0           | -20.84          | Peak     | 309.00         | 150         | Vertical | Pass    |
| 4** | 7456.000        | 44.05            | 1.15        | 54.0           | -9.95           | AV       | 309.00         | 150         | Vertical | Pass    |
| 5   | 12458.825       | 49.88            | -2.21       | 74.0           | -24.12          | Peak     | 306.00         | 150         | Vertical | Pass    |
| 5** | 12458.825       | 39.69            | -2.21       | 54.0           | -14.31          | AV       | 306.00         | 150         | Vertical | Pass    |
| 6   | 15831.224       | 50.90            | -0.75       | 74.0           | -23.10          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 6** | 15831.224       | 41.28            | -0.75       | 54.0           | -12.72          | AV       | 360.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1469.500        | 38.26            | -17.47      | 74.0           | -35.74          | Peak     | 336.00         | 150         | Horizontal | Pass    |
| 1** | 1469.500        | 27.52            | -17.47      | 54.0           | -26.48          | AV       | 336.00         | 150         | Horizontal | Pass    |
| 2   | 4327.750        | 47.61            | -4.97       | 74.0           | -26.39          | Peak     | 111.00         | 200         | Horizontal | Pass    |
| 2** | 4327.750        | 38.31            | -4.97       | 54.0           | -15.69          | AV       | 111.00         | 200         | Horizontal | Pass    |
| 3   | 5178.750        | 107.30           | -2.25       | --             | --              | Peak     | 190.00         | 150         | Horizontal | N/A     |
| 3** | 5178.750        | 100.21           | -2.25       | --             | --              | AV       | 190.00         | 150         | Horizontal | N/A     |
| 4   | 7451.500        | 53.33            | 0.83        | 74.0           | -20.67          | Peak     | 111.00         | 150         | Horizontal | Pass    |
| 4** | 7451.500        | 43.78            | 0.83        | 54.0           | -10.22          | AV       | 111.00         | 150         | Horizontal | Pass    |
| 5   | 12535.537       | 49.55            | -2.23       | 74.0           | -24.45          | Peak     | 21.00          | 150         | Horizontal | Pass    |
| 5** | 12535.537       | 41.13            | -2.23       | 54.0           | -12.87          | AV       | 21.00          | 150         | Horizontal | Pass    |
| 6   | 16196.888       | 51.80            | -0.44       | 74.0           | -22.20          | Peak     | 332.00         | 150         | Horizontal | Pass    |
| 6** | 16196.888       | 41.81            | -0.44       | 54.0           | -12.19          | AV       | 332.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1484.500        | 38.12            | -17.32      | 74.0           | -35.88          | Peak     | 192.00         | 150         | Vertical | Pass    |
| 1** | 1484.500        | 28.44            | -17.32      | 54.0           | -25.56          | AV       | 192.00         | 150         | Vertical | Pass    |
| 2   | 4303.250        | 47.76            | -4.30       | 74.0           | -26.24          | Peak     | 331.00         | 200         | Vertical | Pass    |
| 2** | 4303.250        | 38.59            | -4.30       | 54.0           | -15.41          | AV       | 331.00         | 200         | Vertical | Pass    |
| 3   | 5182.750        | 100.43           | -2.08       | --             | --              | Peak     | 57.00          | 150         | Vertical | N/A     |
| 3** | 5182.750        | 92.18            | -2.08       | --             | --              | AV       | 57.00          | 150         | Vertical | N/A     |
| 4   | 7262.250        | 53.19            | 0.03        | 74.0           | -20.81          | Peak     | 224.00         | 150         | Vertical | Pass    |
| 4** | 7262.250        | 42.85            | 0.03        | 54.0           | -11.15          | AV       | 224.00         | 150         | Vertical | Pass    |
| 5   | 11786.225       | 49.41            | -3.66       | 74.0           | -24.59          | Peak     | 290.00         | 150         | Vertical | Pass    |
| 5** | 11786.225       | 40.52            | -3.66       | 54.0           | -13.48          | AV       | 290.00         | 150         | Vertical | Pass    |
| 6   | 16157.250       | 52.31            | -0.46       | 74.0           | -21.69          | Peak     | 332.00         | 150         | Vertical | Pass    |
| 6** | 16157.250       | 44.08            | -0.46       | 54.0           | -9.92           | AV       | 332.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1566.100        | 37.77            | -17.55      | 74.0           | -36.23          | Peak     | 348.00         | 150         | Horizontal | Pass    |
| 1** | 1566.100        | 27.85            | -17.55      | 54.0           | -26.15          | AV       | 348.00         | 150         | Horizontal | Pass    |
| 2   | 4305.000        | 48.14            | -4.22       | 74.0           | -25.86          | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 2** | 4305.000        | 38.43            | -4.22       | 54.0           | -15.57          | AV       | 0.00           | 200         | Horizontal | Pass    |
| 3   | 5219.500        | 106.22           | -3.46       | --             | --              | Peak     | 150.00         | 150         | Horizontal | N/A     |
| 3** | 5219.500        | 99.16            | -3.46       | --             | --              | AV       | 150.00         | 150         | Horizontal | N/A     |
| 4   | 7516.000        | 53.42            | 0.93        | 74.0           | -20.58          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 4** | 7516.000        | 44.73            | 0.93        | 54.0           | -9.27           | AV       | 360.00         | 150         | Horizontal | Pass    |
| 5   | 11803.563       | 49.91            | -3.51       | 74.0           | -24.09          | Peak     | 70.00          | 150         | Horizontal | Pass    |
| 5** | 11803.563       | 41.01            | -3.51       | 54.0           | -12.99          | AV       | 70.00          | 150         | Horizontal | Pass    |
| 6   | 16165.913       | 51.62            | -0.46       | 74.0           | -22.38          | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 6** | 16165.913       | 42.49            | -0.46       | 54.0           | -11.51          | AV       | 360.00         | 100         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1457.400        | 38.61            | -17.36      | 74.0           | -35.39          | Peak     | 82.00          | 250         | Vertical | Pass    |
| 1** | 1457.400        | 28.47            | -17.36      | 54.0           | -25.53          | AV       | 82.00          | 250         | Vertical | Pass    |
| 2   | 4262.750        | 48.90            | -4.60       | 74.0           | -25.10          | Peak     | 322.00         | 150         | Vertical | Pass    |
| 2** | 4262.750        | 39.40            | -4.60       | 54.0           | -14.60          | AV       | 322.00         | 150         | Vertical | Pass    |
| 3   | 5221.750        | 98.76            | -3.40       | --             | --              | Peak     | 314.00         | 150         | Vertical | N/A     |
| 3** | 5221.750        | 91.72            | -3.40       | --             | --              | AV       | 314.00         | 150         | Vertical | N/A     |
| 4   | 7459.500        | 52.83            | 1.14        | 74.0           | -21.17          | Peak     | 12.00          | 150         | Vertical | Pass    |
| 4** | 7459.500        | 44.62            | 1.14        | 54.0           | -9.38           | AV       | 12.00          | 150         | Vertical | Pass    |
| 5   | 12669.250       | 50.29            | -2.31       | 74.0           | -23.71          | Peak     | 228.00         | 150         | Vertical | Pass    |
| 5** | 12669.250       | 40.99            | -2.31       | 54.0           | -13.01          | AV       | 228.00         | 150         | Vertical | Pass    |
| 6   | 15482.362       | 51.21            | -0.60       | 74.0           | -22.79          | Peak     | 360.00         | 200         | Vertical | Pass    |
| 6** | 15482.362       | 41.94            | -0.60       | 54.0           | -12.06          | AV       | 360.00         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1572.400        | 37.60            | -17.60      | 74.0           | -36.40          | Peak     | 334.00         | 150         | Horizontal | Pass    |
| 1** | 1572.400        | 29.31            | -17.60      | 54.0           | -24.69          | AV       | 334.00         | 150         | Horizontal | Pass    |
| 2   | 4379.000        | 47.62            | -3.96       | 74.0           | -26.38          | Peak     | 80.00          | 100         | Horizontal | Pass    |
| 2** | 4379.000        | 38.55            | -3.96       | 54.0           | -15.45          | AV       | 80.00          | 100         | Horizontal | Pass    |
| 3   | 5238.250        | 106.42           | -3.22       | --             | --              | Peak     | 134.00         | 150         | Horizontal | N/A     |
| 3** | 5238.250        | 99.10            | -3.22       | --             | --              | AV       | 134.00         | 150         | Horizontal | N/A     |
| 4   | 7509.500        | 53.09            | 0.53        | 74.0           | -20.91          | Peak     | 293.00         | 150         | Horizontal | Pass    |
| 4** | 7509.500        | 44.67            | 0.53        | 54.0           | -9.33           | AV       | 293.00         | 150         | Horizontal | Pass    |
| 5   | 12290.912       | 49.56            | -2.52       | 74.0           | -24.44          | Peak     | 277.00         | 250         | Horizontal | Pass    |
| 5** | 12290.912       | 40.14            | -2.52       | 54.0           | -13.86          | AV       | 277.00         | 250         | Horizontal | Pass    |
| 6   | 16172.738       | 52.03            | -0.45       | 74.0           | -21.97          | Peak     | 231.00         | 150         | Horizontal | Pass    |
| 6** | 16172.738       | 43.02            | -0.45       | 54.0           | -10.98          | AV       | 231.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1468.800        | 37.43            | -17.44      | 74.0           | -36.57          | Peak     | 64.00          | 150         | Vertical | Pass    |
| 1** | 1468.800        | 27.83            | -17.44      | 54.0           | -26.17          | AV       | 64.00          | 150         | Vertical | Pass    |
| 2   | 4316.000        | 47.88            | -4.61       | 74.0           | -26.12          | Peak     | 356.00         | 200         | Vertical | Pass    |
| 2** | 4316.000        | 38.61            | -4.61       | 54.0           | -15.39          | AV       | 356.00         | 200         | Vertical | Pass    |
| 3   | 5238.250        | 100.27           | -3.22       | --             | --              | Peak     | 302.00         | 150         | Vertical | N/A     |
| 3** | 5238.250        | 92.45            | -3.22       | --             | --              | AV       | 302.00         | 150         | Vertical | N/A     |
| 4   | 7455.250        | 52.85            | 1.16        | 74.0           | -21.15          | Peak     | 312.00         | 150         | Vertical | Pass    |
| 4** | 7455.250        | 44.31            | 1.16        | 54.0           | -9.69           | AV       | 312.00         | 150         | Vertical | Pass    |
| 5   | 12531.974       | 49.34            | -2.25       | 74.0           | -24.66          | Peak     | 250.00         | 150         | Vertical | Pass    |
| 5** | 12531.974       | 41.12            | -2.25       | 54.0           | -12.88          | AV       | 250.00         | 150         | Vertical | Pass    |
| 6   | 16147.276       | 52.10            | -0.50       | 74.0           | -21.90          | Peak     | 263.00         | 200         | Vertical | Pass    |
| 6** | 16147.276       | 42.17            | -0.50       | 54.0           | -11.83          | AV       | 263.00         | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1475.300        | 37.54            | -17.45      | 74.0           | -36.46          | Peak     | 151.00         | 150         | Horizontal | Pass    |
| 1** | 1475.300        | 27.93            | -17.45      | 54.0           | -26.07          | AV       | 151.00         | 150         | Horizontal | Pass    |
| 2   | 4257.000        | 47.97            | -4.73       | 74.0           | -26.03          | Peak     | 329.00         | 100         | Horizontal | Pass    |
| 2** | 4257.000        | 38.54            | -4.73       | 54.0           | -15.46          | AV       | 329.00         | 100         | Horizontal | Pass    |
| 3   | 5187.750        | 103.08           | -2.50       | --             | --              | Peak     | 155.00         | 100         | Horizontal | N/A     |
| 3** | 5187.750        | 95.42            | -2.50       | --             | --              | AV       | 155.00         | 100         | Horizontal | N/A     |
| 4   | 7464.250        | 52.83            | 0.90        | 74.0           | -21.17          | Peak     | 23.00          | 150         | Horizontal | Pass    |
| 4** | 7464.250        | 43.60            | 0.90        | 54.0           | -10.40          | AV       | 23.00          | 150         | Horizontal | Pass    |
| 5   | 12455.500       | 49.81            | -2.19       | 74.0           | -24.19          | Peak     | 43.00          | 150         | Horizontal | Pass    |
| 5** | 12455.500       | 40.53            | -2.19       | 54.0           | -13.47          | AV       | 43.00          | 150         | Horizontal | Pass    |
| 6   | 16174.576       | 51.80            | -0.45       | 74.0           | -22.20          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 6** | 16174.576       | 41.96            | -0.45       | 54.0           | -12.04          | AV       | 360.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1442.200        | 37.80            | -17.25      | 74.0           | -36.20          | Peak     | 124.00         | 150         | Vertical | Pass    |
| 1** | 1442.200        | 29.46            | -17.25      | 54.0           | -24.54          | AV       | 124.00         | 150         | Vertical | Pass    |
| 2   | 4358.250        | 48.47            | -4.12       | 74.0           | -25.53          | Peak     | 233.00         | 150         | Vertical | Pass    |
| 2** | 4358.250        | 39.66            | -4.12       | 54.0           | -14.34          | AV       | 233.00         | 150         | Vertical | Pass    |
| 3   | 5191.500        | 95.66            | -2.70       | --             | --              | Peak     | 224.00         | 150         | Vertical | N/A     |
| 3** | 5191.500        | 88.38            | -2.70       | --             | --              | AV       | 224.00         | 150         | Vertical | N/A     |
| 4   | 7445.250        | 53.15            | 0.42        | 74.0           | -20.85          | Peak     | 295.00         | 150         | Vertical | Pass    |
| 4** | 7445.250        | 44.41            | 0.42        | 54.0           | -9.59           | AV       | 295.00         | 150         | Vertical | Pass    |
| 5   | 12662.362       | 49.97            | -2.31       | 74.0           | -24.03          | Peak     | 216.00         | 150         | Vertical | Pass    |
| 5** | 12662.362       | 40.51            | -2.31       | 54.0           | -13.49          | AV       | 216.00         | 150         | Vertical | Pass    |
| 6   | 16172.738       | 51.16            | -0.45       | 74.0           | -22.84          | Peak     | 332.00         | 100         | Vertical | Pass    |
| 6** | 16172.738       | 41.91            | -0.45       | 54.0           | -12.09          | AV       | 332.00         | 100         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1603.600        | 37.60            | -17.44      | 74.0           | -36.40          | Peak     | 102.00         | 150         | Horizontal | Pass    |
| 1** | 1603.600        | 28.03            | -17.44      | 54.0           | -25.97          | AV       | 102.00         | 150         | Horizontal | Pass    |
| 2   | 4375.250        | 47.61            | -4.12       | 74.0           | -26.39          | Peak     | 155.00         | 200         | Horizontal | Pass    |
| 2** | 4375.250        | 38.75            | -4.12       | 54.0           | -15.25          | AV       | 155.00         | 200         | Horizontal | Pass    |
| 3   | 5232.500        | 103.24           | -3.33       | --             | --              | Peak     | 40.00          | 150         | Horizontal | N/A     |
| 3** | 5232.500        | 96.10            | -3.33       | --             | --              | AV       | 40.00          | 150         | Horizontal | N/A     |
| 4   | 7583.250        | 53.59            | -0.03       | 74.0           | -20.41          | Peak     | 84.00          | 150         | Horizontal | Pass    |
| 4** | 7583.250        | 42.61            | -0.03       | 54.0           | -11.39          | AV       | 84.00          | 150         | Horizontal | Pass    |
| 5   | 11688.138       | 49.55            | -4.26       | 74.0           | -24.45          | Peak     | 45.00          | 150         | Horizontal | Pass    |
| 5** | 11688.138       | 39.86            | -4.26       | 54.0           | -14.14          | AV       | 45.00          | 150         | Horizontal | Pass    |
| 6   | 16160.925       | 51.22            | -0.46       | 74.0           | -22.78          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 6** | 16160.925       | 42.35            | -0.46       | 54.0           | -11.65          | AV       | 360.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1489.400        | 37.69            | -17.35      | 74.0           | -36.31          | Peak     | 309.00         | 150         | Vertical | Pass    |
| 1** | 1489.400        | 28.41            | -17.35      | 54.0           | -25.59          | AV       | 309.00         | 150         | Vertical | Pass    |
| 2   | 4306.000        | 48.03            | -4.18       | 74.0           | -25.97          | Peak     | 339.00         | 200         | Vertical | Pass    |
| 2** | 4306.000        | 39.92            | -4.18       | 54.0           | -14.08          | AV       | 339.00         | 200         | Vertical | Pass    |
| 3   | 5236.500        | 95.44            | -3.30       | --             | --              | Peak     | 270.00         | 150         | Vertical | N/A     |
| 3** | 5236.500        | 87.57            | -3.30       | --             | --              | AV       | 270.00         | 150         | Vertical | N/A     |
| 4   | 7454.000        | 52.61            | 1.12        | 74.0           | -21.39          | Peak     | 199.00         | 150         | Vertical | Pass    |
| 4** | 7454.000        | 44.25            | 1.12        | 54.0           | -9.75           | AV       | 199.00         | 150         | Vertical | Pass    |
| 5   | 12446.000       | 49.54            | -2.21       | 74.0           | -24.46          | Peak     | 117.00         | 400         | Vertical | Pass    |
| 5** | 12446.000       | 41.25            | -2.21       | 54.0           | -12.75          | AV       | 117.00         | 400         | Vertical | Pass    |
| 6   | 16047.263       | 51.51            | -0.10       | 74.0           | -22.49          | Peak     | 350.00         | 300         | Vertical | Pass    |
| 6** | 16047.263       | 41.73            | -0.10       | 54.0           | -12.27          | AV       | 350.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1476.100        | 37.44            | -17.48      | 74.0           | -36.56          | Peak     | 190.00         | 250         | Horizontal | Pass    |
| 1** | 1476.100        | 27.74            | -17.48      | 54.0           | -26.26          | AV       | 190.00         | 250         | Horizontal | Pass    |
| 2   | 4264.000        | 48.01            | -4.72       | 74.0           | -25.99          | Peak     | 41.00          | 200         | Horizontal | Pass    |
| 2** | 4264.000        | 39.37            | -4.72       | 54.0           | -14.63          | AV       | 41.00          | 200         | Horizontal | Pass    |
| 3   | 5203.000        | 99.04            | -3.44       | --             | --              | Peak     | 164.00         | 150         | Horizontal | N/A     |
| 3** | 5203.000        | 92.66            | -3.44       | --             | --              | AV       | 164.00         | 150         | Horizontal | N/A     |
| 4   | 7460.000        | 53.45            | 1.14        | 74.0           | -20.55          | Peak     | 210.00         | 150         | Horizontal | Pass    |
| 4** | 7460.000        | 43.86            | 1.14        | 54.0           | -10.14          | AV       | 210.00         | 150         | Horizontal | Pass    |
| 5   | 12299.463       | 49.57            | -2.44       | 74.0           | -24.43          | Peak     | 226.00         | 150         | Horizontal | Pass    |
| 5** | 12299.463       | 40.24            | -2.44       | 54.0           | -13.76          | AV       | 226.00         | 150         | Horizontal | Pass    |
| 6   | 16177.988       | 52.18            | -0.45       | 74.0           | -21.82          | Peak     | 63.00          | 150         | Horizontal | Pass    |
| 6** | 16177.988       | 42.86            | -0.45       | 54.0           | -11.14          | AV       | 63.00          | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1441.000        | 37.88            | -17.28      | 74.0           | -36.12          | Peak     | 14.00          | 250         | Vertical | Pass    |
| 1** | 1441.000        | 28.59            | -17.28      | 54.0           | -25.41          | AV       | 14.00          | 250         | Vertical | Pass    |
| 2   | 4265.000        | 47.77            | -4.82       | 74.0           | -26.23          | Peak     | 21.00          | 200         | Vertical | Pass    |
| 2** | 4265.000        | 38.37            | -4.82       | 54.0           | -15.63          | AV       | 21.00          | 200         | Vertical | Pass    |
| 3   | 5203.250        | 91.62            | -3.47       | --             | --              | Peak     | 48.00          | 150         | Vertical | N/A     |
| 3** | 5203.250        | 83.90            | -3.47       | --             | --              | AV       | 48.00          | 150         | Vertical | N/A     |
| 4   | 7490.750        | 52.56            | -0.41       | 74.0           | -21.44          | Peak     | 136.00         | 300         | Vertical | Pass    |
| 4** | 7490.750        | 43.38            | -0.41       | 54.0           | -10.62          | AV       | 136.00         | 300         | Vertical | Pass    |
| 5   | 11806.650       | 49.64            | -3.49       | 74.0           | -24.36          | Peak     | 229.00         | 150         | Vertical | Pass    |
| 5** | 11806.650       | 40.18            | -3.49       | 54.0           | -13.82          | AV       | 229.00         | 150         | Vertical | Pass    |
| 6   | 16180.350       | 51.77            | -0.45       | 74.0           | -22.23          | Peak     | 44.00          | 150         | Vertical | Pass    |
| 6** | 16180.350       | 42.78            | -0.45       | 54.0           | -11.22          | AV       | 44.00          | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1439.100        | 37.89            | -17.37      | 74.0           | -36.11          | Peak     | 7.00           | 150         | Horizontal | Pass    |
| 1** | 1439.100        | 27.75            | -17.37      | 54.0           | -26.25          | AV       | 7.00           | 150         | Horizontal | Pass    |
| 2   | 4379.000        | 47.91            | -3.96       | 74.0           | -26.09          | Peak     | 234.00         | 150         | Horizontal | Pass    |
| 2** | 4379.000        | 38.47            | -3.96       | 54.0           | -15.53          | AV       | 234.00         | 150         | Horizontal | Pass    |
| 3   | 5258.750        | 106.51           | -3.78       | --             | --              | Peak     | 172.00         | 150         | Horizontal | N/A     |
| 3** | 5258.750        | 99.54            | -3.78       | --             | --              | AV       | 172.00         | 150         | Horizontal | N/A     |
| 4   | 7452.500        | 52.81            | 0.95        | 74.0           | -21.19          | Peak     | 164.00         | 150         | Horizontal | Pass    |
| 4** | 7452.500        | 43.88            | 0.95        | 54.0           | -10.12          | AV       | 164.00         | 150         | Horizontal | Pass    |
| 5   | 12422.725       | 48.97            | -2.57       | 74.0           | -25.03          | Peak     | 155.00         | 200         | Horizontal | Pass    |
| 5** | 12422.725       | 40.21            | -2.57       | 54.0           | -13.79          | AV       | 155.00         | 200         | Horizontal | Pass    |
| 6   | 15832.013       | 51.96            | -0.75       | 74.0           | -22.04          | Peak     | 11.00          | 150         | Horizontal | Pass    |
| 6** | 15832.013       | 42.21            | -0.75       | 54.0           | -11.79          | AV       | 11.00          | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1499.300        | 37.87            | -17.29      | 74.0           | -36.13          | Peak     | 0.00           | 350         | Vertical | Pass    |
| 1** | 1499.300        | 28.65            | -17.29      | 54.0           | -25.35          | AV       | 0.00           | 350         | Vertical | Pass    |
| 2   | 4211.000        | 47.36            | -5.51       | 74.0           | -26.64          | Peak     | 311.00         | 150         | Vertical | Pass    |
| 2** | 4211.000        | 38.70            | -5.51       | 54.0           | -15.30          | AV       | 311.00         | 150         | Vertical | Pass    |
| 3   | 5261.000        | 99.45            | -3.76       | --             | --              | Peak     | 311.00         | 150         | Vertical | N/A     |
| 3** | 5261.000        | 91.94            | -3.76       | --             | --              | AV       | 311.00         | 150         | Vertical | N/A     |
| 4   | 7452.750        | 52.91            | 0.98        | 74.0           | -21.09          | Peak     | 189.00         | 300         | Vertical | Pass    |
| 4** | 7452.750        | 44.13            | 0.98        | 54.0           | -9.87           | AV       | 189.00         | 300         | Vertical | Pass    |
| 5   | 12676.375       | 49.29            | -2.32       | 74.0           | -24.71          | Peak     | 241.00         | 150         | Vertical | Pass    |
| 5** | 12676.375       | 40.73            | -2.32       | 54.0           | -13.27          | AV       | 241.00         | 150         | Vertical | Pass    |
| 6   | 16174.050       | 51.68            | -0.45       | 74.0           | -22.32          | Peak     | 203.00         | 400         | Vertical | Pass    |
| 6** | 16174.050       | 42.82            | -0.45       | 54.0           | -11.18          | AV       | 203.00         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1558.100        | 37.92            | -17.80      | 74.0           | -36.08          | Peak     | 318.00         | 150         | Horizontal | Pass    |
| 1** | 1558.100        | 27.91            | -17.80      | 54.0           | -26.09          | AV       | 318.00         | 150         | Horizontal | Pass    |
| 2   | 4260.000        | 47.97            | -4.48       | 74.0           | -26.03          | Peak     | 58.00          | 200         | Horizontal | Pass    |
| 2** | 4260.000        | 39.20            | -4.48       | 54.0           | -14.80          | AV       | 58.00          | 200         | Horizontal | Pass    |
| 3   | 5303.000        | 106.66           | -3.64       | --             | --              | Peak     | 145.00         | 150         | Horizontal | N/A     |
| 3** | 5303.000        | 98.72            | -3.64       | --             | --              | AV       | 145.00         | 150         | Horizontal | N/A     |
| 4   | 7716.000        | 54.08            | 0.73        | 74.0           | -19.92          | Peak     | 153.00         | 150         | Horizontal | Pass    |
| 4** | 7716.000        | 42.79            | 0.73        | 54.0           | -11.21          | AV       | 153.00         | 150         | Horizontal | Pass    |
| 5   | 12430.325       | 49.20            | -2.45       | 74.0           | -24.80          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 5** | 12430.325       | 39.71            | -2.45       | 54.0           | -14.29          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 6   | 16036.500       | 52.31            | -0.11       | 74.0           | -21.69          | Peak     | 245.00         | 100         | Horizontal | Pass    |
| 6** | 16036.500       | 42.33            | -0.11       | 54.0           | -11.67          | AV       | 245.00         | 100         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1518.700        | 37.39            | -17.63      | 74.0           | -36.61          | Peak     | 281.00         | 150         | Vertical | Pass    |
| 1** | 1518.700        | 27.65            | -17.63      | 54.0           | -26.35          | AV       | 281.00         | 150         | Vertical | Pass    |
| 2   | 4222.500        | 47.45            | -5.38       | 74.0           | -26.55          | Peak     | 47.00          | 100         | Vertical | Pass    |
| 2** | 4222.500        | 38.44            | -5.38       | 54.0           | -15.56          | AV       | 47.00          | 100         | Vertical | Pass    |
| 3   | 5303.500        | 98.32            | -3.63       | --             | --              | Peak     | 232.00         | 150         | Vertical | N/A     |
| 3** | 5303.500        | 91.14            | -3.63       | --             | --              | AV       | 232.00         | 150         | Vertical | N/A     |
| 4   | 7499.250        | 52.92            | -0.51       | 74.0           | -21.08          | Peak     | 321.00         | 150         | Vertical | Pass    |
| 4** | 7499.250        | 43.60            | -0.51       | 54.0           | -10.40          | AV       | 321.00         | 150         | Vertical | Pass    |
| 5   | 12661.412       | 50.08            | -2.31       | 74.0           | -23.92          | Peak     | 328.00         | 150         | Vertical | Pass    |
| 5** | 12661.412       | 40.37            | -2.31       | 54.0           | -13.63          | AV       | 328.00         | 150         | Vertical | Pass    |
| 6   | 16165.913       | 51.65            | -0.46       | 74.0           | -22.35          | Peak     | 98.00          | 150         | Vertical | Pass    |
| 6** | 16165.913       | 43.39            | -0.46       | 54.0           | -10.61          | AV       | 98.00          | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1499.800        | 38.04            | -17.29      | 74.0           | -35.96          | Peak     | 163.00         | 150         | Horizontal | Pass    |
| 1** | 1499.800        | 28.00            | -17.29      | 54.0           | -26.00          | AV       | 163.00         | 150         | Horizontal | Pass    |
| 2   | 4264.250        | 47.90            | -4.75       | 74.0           | -26.10          | Peak     | 136.00         | 100         | Horizontal | Pass    |
| 2** | 4264.250        | 38.87            | -4.75       | 54.0           | -15.13          | AV       | 136.00         | 100         | Horizontal | Pass    |
| 3   | 5322.500        | 106.85           | -3.34       | --             | --              | Peak     | 21.00          | 150         | Horizontal | N/A     |
| 3** | 5322.500        | 99.25            | -3.34       | --             | --              | AV       | 21.00          | 150         | Horizontal | N/A     |
| 4   | 7421.500        | 52.79            | 0.73        | 74.0           | -21.21          | Peak     | 118.00         | 150         | Horizontal | Pass    |
| 4** | 7421.500        | 42.74            | 0.73        | 54.0           | -11.26          | AV       | 118.00         | 150         | Horizontal | Pass    |
| 5   | 12685.875       | 49.33            | -2.33       | 74.0           | -24.67          | Peak     | 57.00          | 250         | Horizontal | Pass    |
| 5** | 12685.875       | 40.57            | -2.33       | 54.0           | -13.43          | AV       | 57.00          | 250         | Horizontal | Pass    |
| 6   | 15714.938       | 51.61            | -0.21       | 74.0           | -22.39          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 6** | 15714.938       | 41.94            | -0.21       | 54.0           | -12.06          | AV       | 360.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1617.100        | 38.53            | -17.27      | 74.0           | -35.47          | Peak     | 110.00         | 150         | Vertical | Pass    |
| 1** | 1617.100        | 28.45            | -17.27      | 54.0           | -25.55          | AV       | 110.00         | 150         | Vertical | Pass    |
| 2   | 4379.250        | 47.68            | -3.97       | 74.0           | -26.32          | Peak     | 332.00         | 150         | Vertical | Pass    |
| 2** | 4379.250        | 39.10            | -3.97       | 54.0           | -14.90          | AV       | 332.00         | 150         | Vertical | Pass    |
| 3   | 5319.000        | 99.10            | -3.55       | --             | --              | Peak     | 66.00          | 150         | Vertical | N/A     |
| 3** | 5319.000        | 91.91            | -3.55       | --             | --              | AV       | 66.00          | 150         | Vertical | N/A     |
| 4   | 7454.000        | 52.90            | 1.12        | 74.0           | -21.10          | Peak     | 253.00         | 150         | Vertical | Pass    |
| 4** | 7454.000        | 44.39            | 1.12        | 54.0           | -9.61           | AV       | 253.00         | 150         | Vertical | Pass    |
| 5   | 11955.562       | 49.13            | -3.64       | 74.0           | -24.87          | Peak     | 141.00         | 200         | Vertical | Pass    |
| 5** | 11955.562       | 39.22            | -3.64       | 54.0           | -14.78          | AV       | 141.00         | 200         | Vertical | Pass    |
| 6   | 16161.450       | 51.53            | -0.46       | 74.0           | -22.47          | Peak     | 307.00         | 200         | Vertical | Pass    |
| 6** | 16161.450       | 42.57            | -0.46       | 54.0           | -11.43          | AV       | 307.00         | 200         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1492.800        | 37.21            | -17.44      | 74.0           | -36.79          | Peak     | 305.00         | 150         | Horizontal | Pass    |
| 1** | 1492.800        | 28.66            | -17.44      | 54.0           | -25.34          | AV       | 305.00         | 150         | Horizontal | Pass    |
| 2   | 4262.000        | 47.32            | -4.54       | 74.0           | -26.68          | Peak     | 180.00         | 200         | Horizontal | Pass    |
| 2** | 4262.000        | 38.56            | -4.54       | 54.0           | -15.44          | AV       | 180.00         | 200         | Horizontal | Pass    |
| 3   | 5262.250        | 105.35           | -3.75       | --             | --              | Peak     | 162.00         | 150         | Horizontal | N/A     |
| 3** | 5262.250        | 97.96            | -3.75       | --             | --              | AV       | 162.00         | 150         | Horizontal | N/A     |
| 4   | 7515.750        | 53.03            | 0.90        | 74.0           | -20.97          | Peak     | 348.00         | 250         | Horizontal | Pass    |
| 4** | 7515.750        | 44.15            | 0.90        | 54.0           | -9.85           | AV       | 348.00         | 250         | Horizontal | Pass    |
| 5   | 12297.326       | 49.09            | -2.46       | 74.0           | -24.91          | Peak     | 290.00         | 300         | Horizontal | Pass    |
| 5** | 12297.326       | 40.02            | -2.46       | 54.0           | -13.98          | AV       | 290.00         | 300         | Horizontal | Pass    |
| 6   | 16170.637       | 52.16            | -0.46       | 74.0           | -21.84          | Peak     | 52.00          | 150         | Horizontal | Pass    |
| 6** | 16170.637       | 42.68            | -0.46       | 54.0           | -11.32          | AV       | 52.00          | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1489.500        | 37.46            | -17.35      | 74.0           | -36.54          | Peak     | 279.00         | 150         | Vertical | Pass    |
| 1** | 1489.500        | 28.70            | -17.35      | 54.0           | -25.30          | AV       | 279.00         | 150         | Vertical | Pass    |
| 2   | 4363.500        | 47.53            | -4.20       | 74.0           | -26.47          | Peak     | 112.00         | 100         | Vertical | Pass    |
| 2** | 4363.500        | 39.20            | -4.20       | 54.0           | -14.80          | AV       | 112.00         | 100         | Vertical | Pass    |
| 3   | 5261.250        | 97.87            | -3.79       | --             | --              | Peak     | 68.00          | 150         | Vertical | N/A     |
| 3** | 5261.250        | 90.24            | -3.79       | --             | --              | AV       | 68.00          | 150         | Vertical | N/A     |
| 4   | 7695.500        | 52.72            | 1.76        | 74.0           | -21.28          | Peak     | 155.00         | 150         | Vertical | Pass    |
| 4** | 7695.500        | 44.21            | 1.76        | 54.0           | -9.79           | AV       | 155.00         | 150         | Vertical | Pass    |
| 5   | 12593.487       | 49.67            | -2.56       | 74.0           | -24.33          | Peak     | 316.00         | 200         | Vertical | Pass    |
| 5** | 12593.487       | 39.22            | -2.56       | 54.0           | -14.78          | AV       | 316.00         | 200         | Vertical | Pass    |
| 6   | 16166.438       | 52.09            | -0.46       | 74.0           | -21.91          | Peak     | 263.00         | 150         | Vertical | Pass    |
| 6** | 16166.438       | 43.09            | -0.46       | 54.0           | -10.91          | AV       | 263.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1575.000        | 37.65            | -17.46      | 74.0           | -36.35          | Peak     | 30.00          | 150         | Horizontal | Pass    |
| 1** | 1575.000        | 28.03            | -17.46      | 54.0           | -25.97          | AV       | 30.00          | 150         | Horizontal | Pass    |
| 2   | 4306.250        | 47.18            | -4.18       | 74.0           | -26.82          | Peak     | 93.00          | 200         | Horizontal | Pass    |
| 2** | 4306.250        | 38.85            | -4.18       | 54.0           | -15.15          | AV       | 93.00          | 200         | Horizontal | Pass    |
| 3   | 5299.750        | 105.58           | -3.66       | --             | --              | Peak     | 145.00         | 150         | Horizontal | N/A     |
| 3** | 5299.750        | 97.06            | -3.66       | --             | --              | AV       | 145.00         | 150         | Horizontal | N/A     |
| 4   | 7504.500        | 52.73            | -0.29       | 74.0           | -21.27          | Peak     | 145.00         | 150         | Horizontal | Pass    |
| 4** | 7504.500        | 44.47            | -0.29       | 54.0           | -9.53           | AV       | 145.00         | 150         | Horizontal | Pass    |
| 5   | 11809.500       | 49.11            | -3.47       | 74.0           | -24.89          | Peak     | 339.00         | 150         | Horizontal | Pass    |
| 5** | 11809.500       | 39.43            | -3.47       | 54.0           | -14.57          | AV       | 339.00         | 150         | Horizontal | Pass    |
| 6   | 16165.913       | 51.80            | -0.46       | 74.0           | -22.20          | Peak     | 128.00         | 150         | Horizontal | Pass    |
| 6** | 16165.913       | 43.00            | -0.46       | 54.0           | -11.00          | AV       | 128.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1458.500        | 37.61            | -17.42      | 74.0           | -36.39          | Peak     | 285.00         | 150         | Vertical | Pass    |
| 1** | 1458.500        | 27.39            | -17.42      | 54.0           | -26.61          | AV       | 285.00         | 150         | Vertical | Pass    |
| 2   | 4379.250        | 47.46            | -3.97       | 74.0           | -26.54          | Peak     | 269.00         | 150         | Vertical | Pass    |
| 2** | 4379.250        | 38.88            | -3.97       | 54.0           | -15.12          | AV       | 269.00         | 150         | Vertical | Pass    |
| 3   | 5301.750        | 97.71            | -3.65       | --             | --              | Peak     | 74.00          | 150         | Vertical | N/A     |
| 3** | 5301.750        | 90.27            | -3.65       | --             | --              | AV       | 74.00          | 150         | Vertical | N/A     |
| 4   | 7514.250        | 52.84            | 0.77        | 74.0           | -21.16          | Peak     | 135.00         | 150         | Vertical | Pass    |
| 4** | 7514.250        | 44.36            | 0.77        | 54.0           | -9.64           | AV       | 135.00         | 150         | Vertical | Pass    |
| 5   | 12512.026       | 49.08            | -2.39       | 74.0           | -24.92          | Peak     | 267.00         | 150         | Vertical | Pass    |
| 5** | 12512.026       | 39.11            | -2.39       | 54.0           | -14.89          | AV       | 267.00         | 150         | Vertical | Pass    |
| 6   | 16168.275       | 51.74            | -0.46       | 74.0           | -22.26          | Peak     | 143.00         | 250         | Vertical | Pass    |
| 6** | 16168.275       | 43.63            | -0.46       | 54.0           | -10.37          | AV       | 143.00         | 250         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1566.500        | 37.79            | -17.56      | 74.0           | -36.21          | Peak     | 147.00         | 150         | Horizontal | Pass    |
| 1** | 1566.500        | 29.12            | -17.56      | 54.0           | -24.88          | AV       | 147.00         | 150         | Horizontal | Pass    |
| 2   | 4381.250        | 47.81            | -3.96       | 74.0           | -26.19          | Peak     | 344.00         | 200         | Horizontal | Pass    |
| 2** | 4381.250        | 38.33            | -3.96       | 54.0           | -15.67          | AV       | 344.00         | 200         | Horizontal | Pass    |
| 3   | 5321.000        | 105.88           | -3.39       | --             | --              | Peak     | 162.00         | 150         | Horizontal | N/A     |
| 3** | 5321.000        | 98.86            | -3.39       | --             | --              | AV       | 162.00         | 150         | Horizontal | N/A     |
| 4   | 7475.250        | 53.07            | 0.66        | 74.0           | -20.93          | Peak     | 344.00         | 150         | Horizontal | Pass    |
| 4** | 7475.250        | 43.35            | 0.66        | 54.0           | -10.65          | AV       | 344.00         | 150         | Horizontal | Pass    |
| 5   | 10723.412       | 49.65            | -4.85       | 74.0           | -24.35          | Peak     | 155.00         | 150         | Horizontal | Pass    |
| 5** | 10723.412       | 40.28            | -4.85       | 54.0           | -13.72          | AV       | 155.00         | 150         | Horizontal | Pass    |
| 6   | 16156.724       | 52.69            | -0.46       | 74.0           | -21.31          | Peak     | 332.00         | 150         | Horizontal | Pass    |
| 6** | 16156.724       | 42.98            | -0.46       | 54.0           | -11.02          | AV       | 332.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1583.800        | 37.88            | -17.40      | 74.0           | -36.12          | Peak     | 0.00           | 400         | Vertical | Pass    |
| 1** | 1583.800        | 28.33            | -17.40      | 54.0           | -25.67          | AV       | 0.00           | 400         | Vertical | Pass    |
| 2   | 4254.500        | 48.01            | -4.84       | 74.0           | -25.99          | Peak     | 277.00         | 200         | Vertical | Pass    |
| 2** | 4254.500        | 38.23            | -4.84       | 54.0           | -15.77          | AV       | 277.00         | 200         | Vertical | Pass    |
| 3   | 5321.250        | 98.58            | -3.38       | --             | --              | Peak     | 304.00         | 150         | Vertical | Pass    |
| 3** | 5321.250        | 91.49            | -3.38       | --             | --              | AV       | 304.00         | 150         | Vertical | N/A     |
| 4   | 7682.250        | 53.09            | 0.93        | 74.0           | -20.91          | Peak     | 277.00         | 150         | Vertical | Pass    |
| 4** | 7682.250        | 42.91            | 0.93        | 54.0           | -11.09          | AV       | 277.00         | 150         | Vertical | Pass    |
| 5   | 12462.862       | 49.29            | -2.23       | 74.0           | -24.71          | Peak     | 119.00         | 150         | Vertical | Pass    |
| 5** | 12462.862       | 39.37            | -2.23       | 54.0           | -14.63          | AV       | 119.00         | 150         | Vertical | Pass    |
| 6   | 15706.800       | 51.62            | -0.04       | 74.0           | -22.38          | Peak     | 100.00         | 150         | Vertical | Pass    |
| 6** | 15706.800       | 41.81            | -0.04       | 54.0           | -12.19          | AV       | 100.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1495.800        | 37.20            | -17.38      | 74.0           | -36.80          | Peak     | 2.00           | 150         | Horizontal | Pass    |
| 1** | 1495.800        | 28.58            | -17.38      | 54.0           | -25.42          | AV       | 2.00           | 150         | Horizontal | Pass    |
| 2   | 4226.750        | 47.40            | -5.20       | 74.0           | -26.60          | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 2** | 4226.750        | 38.06            | -5.20       | 54.0           | -15.94          | AV       | 0.00           | 100         | Horizontal | Pass    |
| 3   | 5268.000        | 102.41           | -3.56       | --             | --              | Peak     | 145.00         | 150         | Horizontal | N/A     |
| 3** | 5268.000        | 95.47            | -3.56       | --             | --              | AV       | 145.00         | 150         | Horizontal | N/A     |
| 4   | 7528.000        | 53.23            | 0.84        | 74.0           | -20.77          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 4** | 7528.000        | 42.66            | 0.84        | 54.0           | -11.34          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 5   | 11432.350       | 49.11            | -3.99       | 74.0           | -24.89          | Peak     | 180.00         | 150         | Horizontal | Pass    |
| 5** | 11432.350       | 39.97            | -3.99       | 54.0           | -14.03          | AV       | 180.00         | 150         | Horizontal | Pass    |
| 6   | 15790.800       | 51.54            | -0.76       | 74.0           | -22.46          | Peak     | 278.00         | 150         | Horizontal | Pass    |
| 6** | 15790.800       | 42.06            | -0.76       | 54.0           | -11.94          | AV       | 278.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1479.400        | 37.35            | -17.28      | 74.0           | -36.65          | Peak     | 97.00          | 150         | Vertical | Pass    |
| 1** | 1479.400        | 27.74            | -17.28      | 54.0           | -26.26          | AV       | 97.00          | 150         | Vertical | Pass    |
| 2   | 4126.250        | 47.53            | -5.74       | 74.0           | -26.47          | Peak     | 289.00         | 100         | Vertical | Pass    |
| 2** | 4126.250        | 36.80            | -5.74       | 54.0           | -17.20          | AV       | 289.00         | 100         | Vertical | Pass    |
| 3   | 5268.250        | 94.80            | -3.52       | --             | --              | Peak     | 316.00         | 150         | Vertical | N/A     |
| 3** | 5268.250        | 87.49            | -3.52       | --             | --              | AV       | 316.00         | 150         | Vertical | N/A     |
| 4   | 7516.500        | 52.58            | 0.93        | 74.0           | -21.42          | Peak     | 111.00         | 200         | Vertical | Pass    |
| 4** | 7516.500        | 43.92            | 0.93        | 54.0           | -10.08          | AV       | 111.00         | 200         | Vertical | Pass    |
| 5   | 12448.612       | 49.29            | -2.17       | 74.0           | -24.71          | Peak     | 280.00         | 150         | Vertical | Pass    |
| 5** | 12448.612       | 40.34            | -2.17       | 54.0           | -13.66          | AV       | 280.00         | 150         | Vertical | Pass    |
| 6   | 16171.162       | 51.61            | -0.45       | 74.0           | -22.39          | Peak     | 114.00         | 150         | Vertical | Pass    |
| 6** | 16171.162       | 42.74            | -0.45       | 54.0           | -11.26          | AV       | 114.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1495.400        | 37.53            | -17.41      | 74.0           | -36.47          | Peak     | 2.00           | 150         | Horizontal | Pass    |
| 1** | 1495.400        | 28.65            | -17.41      | 54.0           | -25.35          | AV       | 2.00           | 150         | Horizontal | Pass    |
| 2   | 4381.000        | 48.01            | -3.96       | 74.0           | -25.99          | Peak     | 234.00         | 200         | Horizontal | Pass    |
| 2** | 4381.000        | 38.52            | -3.96       | 54.0           | -15.48          | AV       | 234.00         | 200         | Horizontal | Pass    |
| 3   | 5307.750        | 102.32           | -3.63       | --             | --              | Peak     | 155.00         | 150         | Horizontal | N/A     |
| 3** | 5307.750        | 94.77            | -3.63       | --             | --              | AV       | 155.00         | 150         | Horizontal | N/A     |
| 4   | 7704.500        | 53.33            | 1.92        | 74.0           | -20.67          | Peak     | 321.00         | 150         | Horizontal | Pass    |
| 4** | 7704.500        | 43.52            | 1.92        | 54.0           | -10.48          | AV       | 321.00         | 150         | Horizontal | Pass    |
| 5   | 12420.588       | 49.35            | -2.60       | 74.0           | -24.65          | Peak     | 327.00         | 150         | Horizontal | Pass    |
| 5** | 12420.588       | 40.04            | -2.60       | 54.0           | -13.96          | AV       | 327.00         | 150         | Horizontal | Pass    |
| 6   | 16035.450       | 51.37            | -0.11       | 74.0           | -22.63          | Peak     | 25.00          | 250         | Horizontal | Pass    |
| 6** | 16035.450       | 41.60            | -0.11       | 54.0           | -12.40          | AV       | 25.00          | 250         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1505.700        | 38.12            | -17.49      | 74.0           | -35.88          | Peak     | 178.00         | 150         | Vertical | Pass    |
| 1** | 1505.700        | 27.87            | -17.49      | 54.0           | -26.13          | AV       | 178.00         | 150         | Vertical | Pass    |
| 2   | 4377.750        | 47.55            | -3.92       | 74.0           | -26.45          | Peak     | 260.00         | 100         | Vertical | Pass    |
| 2** | 4377.750        | 39.01            | -3.92       | 54.0           | -14.99          | AV       | 260.00         | 100         | Vertical | Pass    |
| 3   | 5313.750        | 94.63            | -3.67       | --             | --              | Peak     | 225.00         | 150         | Vertical | N/A     |
| 3** | 5313.750        | 87.90            | -3.67       | --             | --              | AV       | 225.00         | 150         | Vertical | N/A     |
| 4   | 7454.250        | 53.07            | 1.15        | 74.0           | -20.93          | Peak     | 136.00         | 150         | Vertical | Pass    |
| 4** | 7454.250        | 44.17            | 1.15        | 54.0           | -9.83           | AV       | 136.00         | 150         | Vertical | Pass    |
| 5   | 12667.350       | 49.43            | -2.31       | 74.0           | -24.57          | Peak     | 143.00         | 150         | Vertical | Pass    |
| 5** | 12667.350       | 40.14            | -2.31       | 54.0           | -13.86          | AV       | 143.00         | 150         | Vertical | Pass    |
| 6   | 16156.463       | 51.97            | -0.46       | 74.0           | -22.03          | Peak     | 360.00         | 100         | Vertical | Pass    |
| 6** | 16156.463       | 42.69            | -0.46       | 54.0           | -11.31          | AV       | 360.00         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1442.400        | 37.22            | -17.25      | 74.0           | -36.78          | Peak     | 1.00           | 150         | Horizontal | Pass    |
| 1** | 1442.400        | 28.13            | -17.25      | 54.0           | -25.87          | AV       | 1.00           | 150         | Horizontal | Pass    |
| 2   | 4308.000        | 47.32            | -4.20       | 74.0           | -26.68          | Peak     | 21.00          | 100         | Horizontal | Pass    |
| 2** | 4308.000        | 38.80            | -4.20       | 54.0           | -15.20          | AV       | 21.00          | 100         | Horizontal | Pass    |
| 3   | 5258.250        | 105.46           | -3.90       | --             | --              | Peak     | 163.00         | 150         | Horizontal | N/A     |
| 3** | 5258.250        | 97.93            | -3.90       | --             | --              | AV       | 163.00         | 150         | Horizontal | N/A     |
| 4   | 7546.500        | 52.53            | 0.09        | 74.0           | -21.47          | Peak     | 56.00          | 150         | Horizontal | Pass    |
| 4** | 7546.500        | 42.11            | 0.09        | 54.0           | -11.89          | AV       | 56.00          | 150         | Horizontal | Pass    |
| 5   | 12437.925       | 49.90            | -2.34       | 74.0           | -24.10          | Peak     | 155.00         | 200         | Horizontal | Pass    |
| 5** | 12437.925       | 39.82            | -2.34       | 54.0           | -14.18          | AV       | 155.00         | 200         | Horizontal | Pass    |
| 6   | 16148.325       | 52.01            | -0.49       | 74.0           | -21.99          | Peak     | 320.00         | 150         | Horizontal | Pass    |
| 6** | 16148.325       | 42.36            | -0.49       | 54.0           | -11.64          | AV       | 320.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1523.600        | 37.93            | -17.64      | 74.0           | -36.07          | Peak     | 264.00         | 150         | Vertical | Pass    |
| 1** | 1523.600        | 28.03            | -17.64      | 54.0           | -25.97          | AV       | 264.00         | 150         | Vertical | Pass    |
| 2   | 4359.500        | 48.03            | -4.22       | 74.0           | -25.97          | Peak     | 145.00         | 200         | Vertical | Pass    |
| 2** | 4359.500        | 38.51            | -4.22       | 54.0           | -15.49          | AV       | 145.00         | 200         | Vertical | Pass    |
| 3   | 5262.250        | 98.14            | -3.75       | --             | --              | Peak     | 312.00         | 150         | Vertical | N/A     |
| 3** | 5262.250        | 90.31            | -3.75       | --             | --              | AV       | 312.00         | 150         | Vertical | N/A     |
| 4   | 7512.250        | 53.52            | 0.52        | 74.0           | -20.48          | Peak     | 145.00         | 150         | Vertical | Pass    |
| 4** | 7512.250        | 43.51            | 0.52        | 54.0           | -10.49          | AV       | 145.00         | 150         | Vertical | Pass    |
| 5   | 12434.838       | 48.91            | -2.38       | 74.0           | -25.09          | Peak     | 131.00         | 100         | Vertical | Pass    |
| 5** | 12434.838       | 39.71            | -2.38       | 54.0           | -14.29          | AV       | 131.00         | 100         | Vertical | Pass    |
| 6   | 16186.125       | 50.94            | -0.45       | 74.0           | -23.06          | Peak     | 54.00          | 100         | Vertical | Pass    |
| 6** | 16186.125       | 43.40            | -0.45       | 54.0           | -10.60          | AV       | 54.00          | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1614.500        | 37.41            | -17.50      | 74.0           | -36.59          | Peak     | 318.00         | 150         | Horizontal | Pass    |
| 1** | 1614.500        | 27.33            | -17.50      | 54.0           | -26.67          | AV       | 318.00         | 150         | Horizontal | Pass    |
| 2   | 4386.250        | 47.53            | -4.04       | 74.0           | -26.47          | Peak     | 269.00         | 100         | Horizontal | Pass    |
| 2** | 4386.250        | 38.92            | -4.04       | 54.0           | -15.08          | AV       | 269.00         | 100         | Horizontal | Pass    |
| 3   | 5298.750        | 105.57           | -3.58       | --             | --              | Peak     | 155.00         | 150         | Horizontal | N/A     |
| 3** | 5298.750        | 97.84            | -3.58       | --             | --              | AV       | 155.00         | 150         | Horizontal | N/A     |
| 4   | 7453.000        | 52.69            | 1.01        | 74.0           | -21.31          | Peak     | 199.00         | 150         | Horizontal | Pass    |
| 4** | 7453.000        | 44.00            | 1.01        | 54.0           | -10.00          | AV       | 199.00         | 150         | Horizontal | Pass    |
| 5   | 12437.925       | 49.41            | -2.34       | 74.0           | -24.59          | Peak     | 145.00         | 150         | Horizontal | Pass    |
| 5** | 12437.925       | 40.11            | -2.34       | 54.0           | -13.89          | AV       | 145.00         | 150         | Horizontal | Pass    |
| 6   | 16168.013       | 51.99            | -0.46       | 74.0           | -22.01          | Peak     | 215.00         | 200         | Horizontal | Pass    |
| 6** | 16168.013       | 42.38            | -0.46       | 54.0           | -11.62          | AV       | 215.00         | 200         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1499.700        | 37.36            | -17.29      | 74.0           | -36.64          | Peak     | 339.00         | 150         | Vertical | Pass    |
| 1** | 1499.700        | 28.83            | -17.29      | 54.0           | -25.17          | AV       | 339.00         | 150         | Vertical | Pass    |
| 2   | 4319.500        | 47.76            | -4.60       | 74.0           | -26.24          | Peak     | 339.00         | 150         | Vertical | Pass    |
| 2** | 4319.500        | 37.93            | -4.60       | 54.0           | -16.07          | AV       | 339.00         | 150         | Vertical | Pass    |
| 3   | 5302.250        | 97.89            | -3.65       | --             | --              | Peak     | 224.00         | 150         | Vertical | N/A     |
| 3** | 5302.250        | 90.72            | -3.65       | --             | --              | AV       | 224.00         | 150         | Vertical | N/A     |
| 4   | 7455.000        | 52.92            | 1.17        | 74.0           | -21.08          | Peak     | 286.00         | 150         | Vertical | Pass    |
| 4** | 7455.000        | 43.78            | 1.17        | 54.0           | -10.22          | AV       | 286.00         | 150         | Vertical | Pass    |
| 5   | 11417.625       | 49.08            | -4.09       | 74.0           | -24.92          | Peak     | 18.00          | 150         | Vertical | Pass    |
| 5** | 11417.625       | 39.81            | -4.09       | 54.0           | -14.19          | AV       | 18.00          | 150         | Vertical | Pass    |
| 6   | 16037.550       | 51.87            | -0.11       | 74.0           | -22.13          | Peak     | 0.00           | 200         | Vertical | Pass    |
| 6** | 16037.550       | 42.04            | -0.11       | 54.0           | -11.96          | AV       | 0.00           | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1523.600        | 37.75            | -17.64      | 74.0           | -36.25          | Peak     | 25.00          | 150         | Horizontal | Pass    |
| 1** | 1523.600        | 27.47            | -17.64      | 54.0           | -26.53          | AV       | 25.00          | 150         | Horizontal | Pass    |
| 2   | 4245.250        | 47.82            | -5.10       | 74.0           | -26.18          | Peak     | 242.00         | 200         | Horizontal | Pass    |
| 2** | 4245.250        | 38.09            | -5.10       | 54.0           | -15.91          | AV       | 242.00         | 200         | Horizontal | Pass    |
| 3   | 5317.500        | 106.12           | -3.38       | --             | --              | Peak     | 164.00         | 150         | Horizontal | N/A     |
| 3** | 5317.500        | 98.38            | -3.38       | --             | --              | AV       | 164.00         | 150         | Horizontal | N/A     |
| 4   | 7451.750        | 53.37            | 0.86        | 74.0           | -20.63          | Peak     | 13.00          | 150         | Horizontal | Pass    |
| 4** | 7451.750        | 44.06            | 0.86        | 54.0           | -9.94           | AV       | 13.00          | 150         | Horizontal | Pass    |
| 5   | 12658.326       | 49.07            | -2.30       | 74.0           | -24.93          | Peak     | 80.00          | 150         | Horizontal | Pass    |
| 5** | 12658.326       | 39.95            | -2.30       | 54.0           | -14.05          | AV       | 80.00          | 150         | Horizontal | Pass    |
| 6   | 16172.738       | 51.64            | -0.45       | 74.0           | -22.36          | Peak     | 38.00          | 150         | Horizontal | Pass    |
| 6** | 16172.738       | 43.49            | -0.45       | 54.0           | -10.51          | AV       | 38.00          | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1442.400        | 37.53            | -17.25      | 74.0           | -36.47          | Peak     | 90.00          | 150         | Vertical | Pass    |
| 1** | 1442.400        | 28.57            | -17.25      | 54.0           | -25.43          | AV       | 90.00          | 150         | Vertical | Pass    |
| 2   | 4177.250        | 47.75            | -5.25       | 74.0           | -26.25          | Peak     | 226.00         | 100         | Vertical | Pass    |
| 2** | 4177.250        | 37.69            | -5.25       | 54.0           | -16.31          | AV       | 226.00         | 100         | Vertical | Pass    |
| 3   | 5321.500        | 98.90            | -3.37       | --             | --              | Peak     | 323.00         | 150         | Vertical | N/A     |
| 3** | 5321.500        | 91.20            | -3.37       | --             | --              | AV       | 323.00         | 150         | Vertical | N/A     |
| 4   | 7707.250        | 53.29            | 1.52        | 74.0           | -20.71          | Peak     | 269.00         | 150         | Vertical | Pass    |
| 4** | 7707.250        | 43.70            | 1.52        | 54.0           | -10.30          | AV       | 269.00         | 150         | Vertical | Pass    |
| 5   | 11097.713       | 49.36            | -4.55       | 74.0           | -24.64          | Peak     | 68.00          | 150         | Vertical | Pass    |
| 5** | 11097.713       | 38.05            | -4.55       | 54.0           | -15.95          | AV       | 68.00          | 150         | Vertical | Pass    |
| 6   | 16180.350       | 51.54            | -0.45       | 74.0           | -22.46          | Peak     | 0.00           | 400         | Vertical | Pass    |
| 6** | 16180.350       | 42.65            | -0.45       | 54.0           | -11.35          | AV       | 0.00           | 400         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1576.300        | 37.66            | -17.47      | 74.0           | -36.34          | Peak     | 20.00          | 250         | Horizontal | Pass    |
| 1** | 1576.300        | 28.23            | -17.47      | 54.0           | -25.77          | AV       | 20.00          | 250         | Horizontal | Pass    |
| 2   | 4263.000        | 47.56            | -4.62       | 74.0           | -26.44          | Peak     | 319.00         | 200         | Horizontal | Pass    |
| 2** | 4263.000        | 38.43            | -4.62       | 54.0           | -15.57          | AV       | 319.00         | 200         | Horizontal | Pass    |
| 3   | 5267.750        | 102.61           | -3.58       | --             | --              | Peak     | 143.00         | 150         | Horizontal | N/A     |
| 3** | 5267.750        | 94.79            | -3.58       | --             | --              | AV       | 143.00         | 150         | Horizontal | N/A     |
| 4   | 7453.500        | 53.14            | 1.06        | 74.0           | -20.86          | Peak     | 21.00          | 150         | Horizontal | Pass    |
| 4** | 7453.500        | 43.95            | 1.06        | 54.0           | -10.05          | AV       | 21.00          | 150         | Horizontal | Pass    |
| 5   | 12661.888       | 49.40            | -2.31       | 74.0           | -24.60          | Peak     | 339.00         | 150         | Horizontal | Pass    |
| 5** | 12661.888       | 39.69            | -2.31       | 54.0           | -14.31          | AV       | 339.00         | 150         | Horizontal | Pass    |
| 6   | 16141.763       | 52.06            | -0.55       | 74.0           | -21.94          | Peak     | 100.00         | 150         | Horizontal | Pass    |
| 6** | 16141.763       | 41.89            | -0.55       | 54.0           | -12.11          | AV       | 100.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1589.200        | 37.75            | -17.56      | 74.0           | -36.25          | Peak     | 109.00         | 300         | Vertical | Pass    |
| 1** | 1589.200        | 27.94            | -17.56      | 54.0           | -26.06          | AV       | 109.00         | 300         | Vertical | Pass    |
| 2   | 4261.750        | 47.63            | -4.52       | 74.0           | -26.37          | Peak     | 259.00         | 200         | Vertical | Pass    |
| 2** | 4261.750        | 38.00            | -4.52       | 54.0           | -16.00          | AV       | 259.00         | 200         | Vertical | Pass    |
| 3   | 5273.250        | 95.12            | -3.14       | --             | --              | Peak     | 312.00         | 150         | Vertical | N/A     |
| 3** | 5273.250        | 87.95            | -3.14       | --             | --              | AV       | 312.00         | 150         | Vertical | N/A     |
| 4   | 7455.000        | 53.21            | 1.17        | 74.0           | -20.79          | Peak     | 161.00         | 150         | Vertical | Pass    |
| 4** | 7455.000        | 44.01            | 1.17        | 54.0           | -9.99           | AV       | 161.00         | 150         | Vertical | Pass    |
| 5   | 12665.925       | 49.19            | -2.31       | 74.0           | -24.81          | Peak     | 267.00         | 150         | Vertical | Pass    |
| 5** | 12665.925       | 40.75            | -2.31       | 54.0           | -13.25          | AV       | 267.00         | 150         | Vertical | Pass    |
| 6   | 16186.387       | 51.63            | -0.45       | 74.0           | -22.37          | Peak     | 98.00          | 150         | Vertical | Pass    |
| 6** | 16186.387       | 42.45            | -0.45       | 54.0           | -11.55          | AV       | 98.00          | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1560.400        | 37.79            | -17.74      | 74.0           | -36.21          | Peak     | 97.00          | 150         | Horizontal | Pass    |
| 1** | 1560.400        | 27.83            | -17.74      | 54.0           | -26.17          | AV       | 97.00          | 150         | Horizontal | Pass    |
| 2   | 4224.250        | 47.75            | -5.50       | 74.0           | -26.25          | Peak     | 14.00          | 100         | Horizontal | Pass    |
| 2** | 4224.250        | 37.56            | -5.50       | 54.0           | -16.44          | AV       | 14.00          | 100         | Horizontal | Pass    |
| 3   | 5313.500        | 101.93           | -3.69       | --             | --              | Peak     | 165.00         | 150         | Horizontal | N/A     |
| 3** | 5313.500        | 94.22            | -3.69       | --             | --              | AV       | 165.00         | 150         | Horizontal | N/A     |
| 4   | 7457.500        | 53.13            | 1.14        | 74.0           | -20.87          | Peak     | 341.00         | 150         | Horizontal | Pass    |
| 4** | 7457.500        | 44.58            | 1.14        | 54.0           | -9.42           | AV       | 341.00         | 150         | Horizontal | Pass    |
| 5   | 12677.088       | 49.56            | -2.32       | 74.0           | -24.44          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 5** | 12677.088       | 40.35            | -2.32       | 54.0           | -13.65          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 6   | 15793.162       | 51.78            | -0.75       | 74.0           | -22.22          | Peak     | 130.00         | 250         | Horizontal | Pass    |
| 6** | 15793.162       | 41.96            | -0.75       | 54.0           | -12.04          | AV       | 130.00         | 250         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1573.700        | 37.74            | -17.53      | 74.0           | -36.26          | Peak     | 261.00         | 150         | Vertical | Pass    |
| 1** | 1573.700        | 28.16            | -17.53      | 54.0           | -25.84          | AV       | 261.00         | 150         | Vertical | Pass    |
| 2   | 4356.750        | 47.60            | -4.23       | 74.0           | -26.40          | Peak     | 172.00         | 200         | Vertical | Pass    |
| 2** | 4356.750        | 38.47            | -4.23       | 54.0           | -15.53          | AV       | 172.00         | 200         | Vertical | Pass    |
| 3   | 5311.750        | 94.14            | -3.73       | --             | --              | Peak     | 224.00         | 150         | Vertical | N/A     |
| 3** | 5311.750        | 87.18            | -3.73       | --             | --              | AV       | 224.00         | 150         | Vertical | N/A     |
| 4   | 7458.750        | 52.72            | 1.15        | 74.0           | -21.28          | Peak     | 215.00         | 150         | Vertical | Pass    |
| 4** | 7458.750        | 43.97            | 1.15        | 54.0           | -10.03          | AV       | 215.00         | 150         | Vertical | Pass    |
| 5   | 11944.162       | 49.54            | -3.61       | 74.0           | -24.46          | Peak     | 229.00         | 150         | Vertical | Pass    |
| 5** | 11944.162       | 39.77            | -3.61       | 54.0           | -14.23          | AV       | 229.00         | 150         | Vertical | Pass    |
| 6   | 16177.463       | 52.07            | -0.45       | 74.0           | -21.93          | Peak     | 233.00         | 150         | Vertical | Pass    |
| 6** | 16177.463       | 43.84            | -0.45       | 54.0           | -10.16          | AV       | 233.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1479.600        | 37.83            | -17.28      | 74.0           | -36.17          | Peak     | 79.00          | 150         | Horizontal | Pass    |
| 1** | 1479.600        | 27.85            | -17.28      | 54.0           | -26.15          | AV       | 79.00          | 150         | Horizontal | Pass    |
| 2   | 4306.250        | 47.60            | -4.18       | 74.0           | -26.40          | Peak     | 75.00          | 150         | Horizontal | Pass    |
| 2** | 4306.250        | 38.72            | -4.18       | 54.0           | -15.28          | AV       | 75.00          | 150         | Horizontal | Pass    |
| 3   | 5283.250        | 98.54            | -3.50       | --             | --              | Peak     | 39.00          | 150         | Horizontal | N/A     |
| 3** | 5283.250        | 90.39            | -3.50       | --             | --              | AV       | 39.00          | 150         | Horizontal | N/A     |
| 4   | 7459.500        | 53.48            | 1.14        | 74.0           | -20.52          | Peak     | 207.00         | 250         | Horizontal | Pass    |
| 4** | 7459.500        | 44.25            | 1.14        | 54.0           | -9.75           | AV       | 207.00         | 250         | Horizontal | Pass    |
| 5   | 12650.488       | 49.70            | -2.30       | 74.0           | -24.30          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 5** | 12650.488       | 40.06            | -2.30       | 54.0           | -13.94          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 6   | 16192.687       | 51.44            | -0.44       | 74.0           | -22.56          | Peak     | 323.00         | 100         | Horizontal | Pass    |
| 6** | 16192.687       | 43.39            | -0.44       | 54.0           | -10.61          | AV       | 323.00         | 100         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1502.900        | 37.93            | -17.42      | 74.0           | -36.07          | Peak     | 51.00          | 150         | Vertical | Pass    |
| 1** | 1502.900        | 28.31            | -17.42      | 54.0           | -25.69          | AV       | 51.00          | 150         | Vertical | Pass    |
| 2   | 4309.250        | 47.71            | -4.29       | 74.0           | -26.29          | Peak     | 313.00         | 200         | Vertical | Pass    |
| 2** | 4309.250        | 38.46            | -4.29       | 54.0           | -15.54          | AV       | 313.00         | 200         | Vertical | Pass    |
| 3   | 5283.250        | 91.27            | -3.50       | --             | --              | Peak     | 321.00         | 150         | Vertical | N/A     |
| 3** | 5283.250        | 83.27            | -3.50       | --             | --              | AV       | 321.00         | 150         | Vertical | N/A     |
| 4   | 7510.500        | 52.34            | 0.53        | 74.0           | -21.66          | Peak     | 118.00         | 150         | Vertical | Pass    |
| 4** | 7510.500        | 44.08            | 0.53        | 54.0           | -9.92           | AV       | 118.00         | 150         | Vertical | Pass    |
| 5   | 11170.388       | 49.57            | -4.27       | 74.0           | -24.43          | Peak     | 280.00         | 350         | Vertical | Pass    |
| 5** | 11170.388       | 40.49            | -4.27       | 54.0           | -13.51          | AV       | 280.00         | 350         | Vertical | Pass    |
| 6   | 16082.962       | 52.10            | -0.68       | 74.0           | -21.90          | Peak     | 233.00         | 150         | Vertical | Pass    |
| 6** | 16082.962       | 42.58            | -0.68       | 54.0           | -11.42          | AV       | 233.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1518.800        | 37.53            | -17.63      | 74.0           | -36.47          | Peak     | 7.00           | 150         | Horizontal | Pass    |
| 1** | 1518.800        | 27.68            | -17.63      | 54.0           | -26.32          | AV       | 7.00           | 150         | Horizontal | Pass    |
| 2   | 4379.000        | 47.44            | -3.96       | 74.0           | -26.56          | Peak     | 31.00          | 200         | Horizontal | Pass    |
| 2** | 4379.000        | 38.20            | -3.96       | 54.0           | -15.80          | AV       | 31.00          | 200         | Horizontal | Pass    |
| 3   | 5502.750        | 105.56           | -3.23       | --             | --              | Peak     | 39.00          | 150         | Horizontal | N/A     |
| 3** | 5502.750        | 98.48            | -3.23       | --             | --              | AV       | 39.00          | 150         | Horizontal | N/A     |
| 4   | 7425.750        | 52.49            | 0.79        | 74.0           | -21.51          | Peak     | 199.00         | 150         | Horizontal | Pass    |
| 4** | 7425.750        | 42.96            | 0.79        | 54.0           | -11.04          | AV       | 199.00         | 150         | Horizontal | Pass    |
| 5   | 12684.213       | 49.48            | -2.32       | 74.0           | -24.52          | Peak     | 9.00           | 150         | Horizontal | Pass    |
| 5** | 12684.213       | 39.95            | -2.32       | 54.0           | -14.05          | AV       | 9.00           | 150         | Horizontal | Pass    |
| 6   | 16155.675       | 52.01            | -0.46       | 74.0           | -21.99          | Peak     | 38.00          | 150         | Horizontal | Pass    |
| 6** | 16155.675       | 43.05            | -0.46       | 54.0           | -10.95          | AV       | 38.00          | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1558.800        | 37.60            | -17.77      | 74.0           | -36.40          | Peak     | 94.00          | 150         | Vertical | Pass    |
| 1** | 1558.800        | 27.68            | -17.77      | 54.0           | -26.32          | AV       | 94.00          | 150         | Vertical | Pass    |
| 2   | 4229.500        | 48.02            | -5.21       | 74.0           | -25.98          | Peak     | 281.00         | 200         | Vertical | Pass    |
| 2** | 4229.500        | 37.69            | -5.21       | 54.0           | -16.31          | AV       | 281.00         | 200         | Vertical | Pass    |
| 3   | 5499.000        | 99.03            | -3.29       | --             | --              | Peak     | 235.00         | 150         | Vertical | N/A     |
| 3** | 5499.000        | 91.78            | -3.29       | --             | --              | AV       | 235.00         | 150         | Vertical | N/A     |
| 4   | 7471.250        | 53.07            | 0.77        | 74.0           | -20.93          | Peak     | 13.00          | 150         | Vertical | Pass    |
| 4** | 7471.250        | 43.20            | 0.77        | 54.0           | -10.80          | AV       | 13.00          | 150         | Vertical | Pass    |
| 5   | 12446.474       | 49.12            | -2.21       | 74.0           | -24.88          | Peak     | 304.00         | 150         | Vertical | Pass    |
| 5** | 12446.474       | 39.63            | -2.21       | 54.0           | -14.37          | AV       | 304.00         | 150         | Vertical | Pass    |
| 6   | 16185.862       | 51.87            | -0.45       | 74.0           | -22.13          | Peak     | 38.00          | 150         | Vertical | Pass    |
| 6** | 16185.862       | 42.89            | -0.45       | 54.0           | -11.11          | AV       | 38.00          | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1504.600        | 37.56            | -17.37      | 74.0           | -36.44          | Peak     | 344.00         | 150         | Horizontal | Pass    |
| 1** | 1504.600        | 27.99            | -17.37      | 54.0           | -26.01          | AV       | 344.00         | 150         | Horizontal | Pass    |
| 2   | 4308.000        | 47.85            | -4.20       | 74.0           | -26.15          | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 2** | 4308.000        | 38.42            | -4.20       | 54.0           | -15.58          | AV       | 360.00         | 100         | Horizontal | Pass    |
| 3   | 5578.750        | 107.00           | -2.83       | --             | --              | Peak     | 31.00          | 150         | Horizontal | N/A     |
| 3** | 5578.750        | 98.98            | -2.83       | --             | --              | AV       | 31.00          | 150         | Horizontal | N/A     |
| 4   | 7457.750        | 52.49            | 1.14        | 74.0           | -21.51          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 4** | 7457.750        | 43.77            | 1.14        | 54.0           | -10.23          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 5   | 12677.562       | 49.71            | -2.32       | 74.0           | -24.29          | Peak     | 141.00         | 150         | Horizontal | Pass    |
| 5** | 12677.562       | 40.51            | -2.32       | 54.0           | -13.49          | AV       | 141.00         | 150         | Horizontal | Pass    |
| 6   | 16071.151       | 51.79            | -0.47       | 74.0           | -22.21          | Peak     | 170.00         | 250         | Horizontal | Pass    |
| 6** | 16071.151       | 41.75            | -0.47       | 54.0           | -12.25          | AV       | 170.00         | 250         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1476.400        | 37.72            | -17.50      | 74.0           | -36.28          | Peak     | 266.00         | 150         | Vertical | Pass    |
| 1** | 1476.400        | 28.28            | -17.50      | 54.0           | -25.72          | AV       | 266.00         | 150         | Vertical | Pass    |
| 2   | 4389.000        | 47.32            | -4.14       | 74.0           | -26.68          | Peak     | 145.00         | 200         | Vertical | Pass    |
| 2** | 4389.000        | 38.82            | -4.14       | 54.0           | -15.18          | AV       | 145.00         | 200         | Vertical | Pass    |
| 3   | 5577.750        | 99.80            | -2.89       | --             | --              | Peak     | 234.00         | 150         | Vertical | N/A     |
| 3** | 5577.750        | 91.69            | -2.89       | --             | --              | AV       | 234.00         | 150         | Vertical | N/A     |
| 4   | 7708.000        | 52.78            | 1.46        | 74.0           | -21.22          | Peak     | 252.00         | 400         | Vertical | Pass    |
| 4** | 7708.000        | 44.34            | 1.46        | 54.0           | -9.66           | AV       | 252.00         | 400         | Vertical | Pass    |
| 5   | 12674.713       | 49.24            | -2.32       | 74.0           | -24.76          | Peak     | 8.00           | 100         | Vertical | Pass    |
| 5** | 12674.713       | 41.29            | -2.32       | 54.0           | -12.71          | AV       | 8.00           | 100         | Vertical | Pass    |
| 6   | 16180.350       | 51.47            | -0.45       | 74.0           | -22.53          | Peak     | 82.00          | 150         | Vertical | Pass    |
| 6** | 16180.350       | 43.52            | -0.45       | 54.0           | -10.48          | AV       | 82.00          | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1449.800        | 37.64            | -17.33      | 74.0           | -36.36          | Peak     | 73.00          | 150         | Horizontal | Pass    |
| 1** | 1449.800        | 28.47            | -17.33      | 54.0           | -25.53          | AV       | 73.00          | 150         | Horizontal | Pass    |
| 2   | 4377.000        | 48.80            | -3.97       | 74.0           | -25.20          | Peak     | 201.00         | 150         | Horizontal | Pass    |
| 2** | 4377.000        | 38.62            | -3.97       | 54.0           | -15.38          | AV       | 201.00         | 150         | Horizontal | Pass    |
| 3   | 5701.000        | 106.99           | -2.88       | --             | --              | Peak     | 41.00          | 150         | Horizontal | N/A     |
| 3** | 5701.000        | 100.24           | -2.88       | --             | --              | AV       | 41.00          | 150         | Horizontal | N/A     |
| 4   | 7515.250        | 52.72            | 0.86        | 74.0           | -21.28          | Peak     | 263.00         | 150         | Horizontal | Pass    |
| 4** | 7515.250        | 44.34            | 0.86        | 54.0           | -9.66           | AV       | 263.00         | 150         | Horizontal | Pass    |
| 5   | 12444.100       | 49.18            | -2.24       | 74.0           | -24.82          | Peak     | 155.00         | 150         | Horizontal | Pass    |
| 5** | 12444.100       | 39.62            | -2.24       | 54.0           | -14.38          | AV       | 155.00         | 150         | Horizontal | Pass    |
| 6   | 16038.338       | 51.59            | -0.11       | 74.0           | -22.41          | Peak     | 156.00         | 100         | Horizontal | Pass    |
| 6** | 16038.338       | 42.60            | -0.11       | 54.0           | -11.40          | AV       | 156.00         | 100         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1584.800        | 37.92            | -17.47      | 74.0           | -36.08          | Peak     | 20.00          | 350         | Vertical | Pass    |
| 1** | 1584.800        | 27.77            | -17.47      | 54.0           | -26.23          | AV       | 20.00          | 350         | Vertical | Pass    |
| 2   | 4275.250        | 47.43            | -4.97       | 74.0           | -26.57          | Peak     | 100.00         | 100         | Vertical | Pass    |
| 2** | 4275.250        | 38.22            | -4.97       | 54.0           | -15.78          | AV       | 100.00         | 100         | Vertical | Pass    |
| 3   | 5697.000        | 100.64           | -2.83       | --             | --              | Peak     | 206.00         | 150         | Vertical | N/A     |
| 3** | 5697.000        | 93.00            | -2.83       | --             | --              | AV       | 206.00         | 150         | Vertical | N/A     |
| 4   | 7695.500        | 52.79            | 1.76        | 74.0           | -21.21          | Peak     | 154.00         | 150         | Vertical | Pass    |
| 4** | 7695.500        | 43.07            | 1.76        | 54.0           | -10.93          | AV       | 154.00         | 150         | Vertical | Pass    |
| 5   | 12447.662       | 49.43            | -2.19       | 74.0           | -24.57          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 5** | 12447.662       | 39.90            | -2.19       | 54.0           | -14.10          | AV       | 0.00           | 150         | Vertical | Pass    |
| 6   | 16166.438       | 51.93            | -0.46       | 74.0           | -22.07          | Peak     | 188.00         | 150         | Vertical | Pass    |
| 6** | 16166.438       | 42.86            | -0.46       | 54.0           | -11.14          | AV       | 188.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1483.700        | 37.88            | -17.33      | 74.0           | -36.12          | Peak     | 274.00         | 150         | Horizontal | Pass    |
| 1** | 1483.700        | 28.55            | -17.33      | 54.0           | -25.45          | AV       | 274.00         | 150         | Horizontal | Pass    |
| 2   | 4363.750        | 47.67            | -4.20       | 74.0           | -26.33          | Peak     | 65.00          | 100         | Horizontal | Pass    |
| 2** | 4363.750        | 38.61            | -4.20       | 54.0           | -15.39          | AV       | 65.00          | 100         | Horizontal | Pass    |
| 3   | 5502.250        | 104.60           | -3.19       | --             | --              | Peak     | 23.00          | 150         | Horizontal | N/A     |
| 3** | 5502.250        | 97.05            | -3.19       | --             | --              | AV       | 23.00          | 150         | Horizontal | N/A     |
| 4   | 7477.250        | 53.59            | 0.24        | 74.0           | -20.41          | Peak     | 73.00          | 150         | Horizontal | Pass    |
| 4** | 7477.250        | 43.11            | 0.24        | 54.0           | -10.89          | AV       | 73.00          | 150         | Horizontal | Pass    |
| 5   | 12624.600       | 49.54            | -2.46       | 74.0           | -24.46          | Peak     | 146.00         | 150         | Horizontal | Pass    |
| 5** | 12624.600       | 40.30            | -2.46       | 54.0           | -13.70          | AV       | 146.00         | 150         | Horizontal | Pass    |
| 6   | 16194.000       | 51.48            | -0.44       | 74.0           | -22.52          | Peak     | 82.00          | 150         | Horizontal | Pass    |
| 6** | 16194.000       | 43.34            | -0.44       | 54.0           | -10.66          | AV       | 82.00          | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1474.700        | 37.86            | -17.42      | 74.0           | -36.14          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 1** | 1474.700        | 28.12            | -17.42      | 54.0           | -25.88          | AV       | 360.00         | 150         | Vertical | Pass    |
| 2   | 4279.750        | 48.02            | -4.65       | 74.0           | -25.98          | Peak     | 222.00         | 100         | Vertical | Pass    |
| 2** | 4279.750        | 38.44            | -4.65       | 54.0           | -15.56          | AV       | 222.00         | 100         | Vertical | Pass    |
| 3   | 5500.500        | 97.42            | -3.20       | --             | --              | Peak     | 230.00         | 150         | Vertical | N/A     |
| 3** | 5500.500        | 89.13            | -3.20       | --             | --              | AV       | 230.00         | 150         | Vertical | N/A     |
| 4   | 7510.000        | 52.52            | 0.55        | 74.0           | -21.48          | Peak     | 135.00         | 150         | Vertical | Pass    |
| 4** | 7510.000        | 44.45            | 0.55        | 54.0           | -9.55           | AV       | 135.00         | 150         | Vertical | Pass    |
| 5   | 12535.775       | 49.12            | -2.23       | 74.0           | -24.88          | Peak     | 292.00         | 150         | Vertical | Pass    |
| 5** | 12535.775       | 39.90            | -2.23       | 54.0           | -14.10          | AV       | 292.00         | 150         | Vertical | Pass    |
| 6   | 16191.638       | 51.75            | -0.44       | 74.0           | -22.25          | Peak     | 348.00         | 150         | Vertical | Pass    |
| 6** | 16191.638       | 42.98            | -0.44       | 54.0           | -11.02          | AV       | 348.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1485.400        | 37.73            | -17.31      | 74.0           | -36.27          | Peak     | 264.00         | 150         | Horizontal | Pass    |
| 1** | 1485.400        | 28.03            | -17.31      | 54.0           | -25.97          | AV       | 264.00         | 150         | Horizontal | Pass    |
| 2   | 4287.250        | 47.45            | -4.52       | 74.0           | -26.55          | Peak     | 127.00         | 150         | Horizontal | Pass    |
| 2** | 4287.250        | 38.69            | -4.52       | 54.0           | -15.31          | AV       | 127.00         | 150         | Horizontal | Pass    |
| 3   | 5579.750        | 105.91           | -2.72       | --             | --              | Peak     | 23.00          | 150         | Horizontal | N/A     |
| 3** | 5579.750        | 98.30            | -2.72       | --             | --              | AV       | 23.00          | 150         | Horizontal | N/A     |
| 4   | 7454.250        | 52.84            | 1.15        | 74.0           | -21.16          | Peak     | 127.00         | 400         | Horizontal | Pass    |
| 4** | 7454.250        | 44.10            | 1.15        | 54.0           | -9.90           | AV       | 127.00         | 400         | Horizontal | Pass    |
| 5   | 12451.225       | 49.16            | -2.16       | 74.0           | -24.84          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 5** | 12451.225       | 39.98            | -2.16       | 54.0           | -14.02          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 6   | 16072.988       | 51.50            | -0.50       | 74.0           | -22.50          | Peak     | 54.00          | 150         | Horizontal | Pass    |
| 6** | 16072.988       | 41.59            | -0.50       | 54.0           | -12.41          | AV       | 54.00          | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1525.100        | 38.36            | -17.60      | 74.0           | -35.64          | Peak     | 256.00         | 100         | Vertical | Pass    |
| 1** | 1525.100        | 27.61            | -17.60      | 54.0           | -26.39          | AV       | 256.00         | 100         | Vertical | Pass    |
| 2   | 4378.000        | 47.98            | -3.93       | 74.0           | -26.02          | Peak     | 310.00         | 150         | Vertical | Pass    |
| 2** | 4378.000        | 39.65            | -3.93       | 54.0           | -14.35          | AV       | 310.00         | 150         | Vertical | Pass    |
| 3   | 5581.250        | 99.03            | -2.73       | --             | --              | Peak     | 231.00         | 150         | Vertical | N/A     |
| 3** | 5581.250        | 92.07            | -2.73       | --             | --              | AV       | 231.00         | 150         | Vertical | N/A     |
| 4   | 7514.500        | 52.61            | 0.79        | 74.0           | -21.39          | Peak     | 170.00         | 150         | Vertical | Pass    |
| 4** | 7514.500        | 43.83            | 0.79        | 54.0           | -10.17          | AV       | 170.00         | 150         | Vertical | Pass    |
| 5   | 11157.800       | 49.39            | -4.36       | 74.0           | -24.61          | Peak     | 277.00         | 400         | Vertical | Pass    |
| 5** | 11157.800       | 39.95            | -4.36       | 54.0           | -14.05          | AV       | 277.00         | 400         | Vertical | Pass    |
| 6   | 16012.088       | 51.64            | -0.14       | 74.0           | -22.36          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 6** | 16012.088       | 41.50            | -0.14       | 54.0           | -12.50          | AV       | 360.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1464.500        | 37.54            | -17.44      | 74.0           | -36.46          | Peak     | 120.00         | 200         | Horizontal | Pass    |
| 1** | 1464.500        | 28.40            | -17.44      | 54.0           | -25.60          | AV       | 120.00         | 200         | Horizontal | Pass    |
| 2   | 4364.250        | 47.70            | -4.20       | 74.0           | -26.30          | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 2** | 4364.250        | 38.45            | -4.20       | 54.0           | -15.55          | AV       | 360.00         | 100         | Horizontal | Pass    |
| 3   | 5701.250        | 105.99           | -2.87       | --             | --              | Peak     | 39.00          | 150         | Horizontal | N/A     |
| 3** | 5701.250        | 99.14            | -2.87       | --             | --              | AV       | 39.00          | 150         | Horizontal | N/A     |
| 4   | 7567.250        | 52.54            | 0.00        | 74.0           | -21.46          | Peak     | 355.00         | 200         | Horizontal | Pass    |
| 4** | 7567.250        | 43.28            | 0.00        | 54.0           | -10.72          | AV       | 355.00         | 200         | Horizontal | Pass    |
| 5   | 12456.450       | 49.44            | -2.19       | 74.0           | -24.56          | Peak     | 9.00           | 150         | Horizontal | Pass    |
| 5** | 12456.450       | 39.75            | -2.19       | 54.0           | -14.25          | AV       | 9.00           | 150         | Horizontal | Pass    |
| 6   | 15706.013       | 51.65            | -0.02       | 74.0           | -22.35          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 6** | 15706.013       | 41.44            | -0.02       | 54.0           | -12.56          | AV       | 0.00           | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1547.200        | 38.47            | -17.63      | 74.0           | -35.53          | Peak     | 100.00         | 150         | Vertical | Pass    |
| 1** | 1547.200        | 27.84            | -17.63      | 54.0           | -26.16          | AV       | 100.00         | 150         | Vertical | Pass    |
| 2   | 4305.500        | 48.83            | -4.19       | 74.0           | -25.17          | Peak     | 48.00          | 100         | Vertical | Pass    |
| 2** | 4305.500        | 38.97            | -4.19       | 54.0           | -15.03          | AV       | 48.00          | 100         | Vertical | Pass    |
| 3   | 5699.250        | 98.63            | -3.01       | --             | --              | Peak     | 207.00         | 150         | Vertical | N/A     |
| 3** | 5699.250        | 91.78            | -3.01       | --             | --              | AV       | 207.00         | 150         | Vertical | N/A     |
| 4   | 7459.750        | 52.62            | 1.14        | 74.0           | -21.38          | Peak     | 313.00         | 150         | Vertical | Pass    |
| 4** | 7459.750        | 43.91            | 1.14        | 54.0           | -10.09          | AV       | 313.00         | 150         | Vertical | Pass    |
| 5   | 12691.100       | 49.23            | -2.33       | 74.0           | -24.77          | Peak     | 120.00         | 150         | Vertical | Pass    |
| 5** | 12691.100       | 40.10            | -2.33       | 54.0           | -13.90          | AV       | 120.00         | 150         | Vertical | Pass    |
| 6   | 16166.700       | 52.50            | -0.46       | 74.0           | -21.50          | Peak     | 202.00         | 150         | Vertical | Pass    |
| 6** | 16166.700       | 43.48            | -0.46       | 54.0           | -10.52          | AV       | 202.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1547.100        | 37.80            | -17.63      | 74.0           | -36.20          | Peak     | 125.00         | 150         | Horizontal | Pass    |
| 1** | 1547.100        | 28.95            | -17.63      | 54.0           | -25.05          | AV       | 125.00         | 150         | Horizontal | Pass    |
| 2   | 4368.500        | 47.98            | -4.18       | 74.0           | -26.02          | Peak     | 48.00          | 200         | Horizontal | Pass    |
| 2** | 4368.500        | 38.32            | -4.18       | 54.0           | -15.68          | AV       | 48.00          | 200         | Horizontal | Pass    |
| 3   | 5512.250        | 101.95           | -3.13       | --             | --              | Peak     | 21.00          | 150         | Horizontal | N/A     |
| 3** | 5512.250        | 94.91            | -3.13       | --             | --              | AV       | 21.00          | 150         | Horizontal | N/A     |
| 4   | 7710.000        | 52.34            | 1.36        | 74.0           | -21.66          | Peak     | 286.00         | 150         | Horizontal | Pass    |
| 4** | 7710.000        | 43.80            | 1.36        | 54.0           | -10.20          | AV       | 286.00         | 150         | Horizontal | Pass    |
| 5   | 11783.612       | 49.38            | -3.68       | 74.0           | -24.62          | Peak     | 315.00         | 150         | Horizontal | Pass    |
| 5** | 11783.612       | 40.23            | -3.68       | 54.0           | -13.77          | AV       | 315.00         | 150         | Horizontal | Pass    |
| 6   | 15854.325       | 52.15            | -0.80       | 74.0           | -21.85          | Peak     | 332.00         | 150         | Horizontal | Pass    |
| 6** | 15854.325       | 43.05            | -0.80       | 54.0           | -10.95          | AV       | 332.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1468.200        | 37.51            | -17.45      | 74.0           | -36.49          | Peak     | 210.00         | 150         | Vertical | Pass    |
| 1** | 1468.200        | 28.08            | -17.45      | 54.0           | -25.92          | AV       | 210.00         | 150         | Vertical | Pass    |
| 2   | 4367.750        | 47.46            | -4.14       | 74.0           | -26.54          | Peak     | 360.00         | 100         | Vertical | Pass    |
| 2** | 4367.750        | 38.15            | -4.14       | 54.0           | -15.85          | AV       | 360.00         | 100         | Vertical | Pass    |
| 3   | 5513.250        | 95.34            | -3.13       | --             | --              | Peak     | 236.00         | 150         | Vertical | N/A     |
| 3** | 5513.250        | 87.82            | -3.13       | --             | --              | AV       | 236.00         | 150         | Vertical | N/A     |
| 4   | 7461.500        | 52.50            | 1.12        | 74.0           | -21.50          | Peak     | 113.00         | 150         | Vertical | Pass    |
| 4** | 7461.500        | 44.34            | 1.12        | 54.0           | -9.66           | AV       | 113.00         | 150         | Vertical | Pass    |
| 5   | 12665.213       | 48.99            | -2.31       | 74.0           | -25.01          | Peak     | 29.00          | 200         | Vertical | Pass    |
| 5** | 12665.213       | 40.24            | -2.31       | 54.0           | -13.76          | AV       | 29.00          | 200         | Vertical | Pass    |
| 6   | 16163.812       | 52.30            | -0.46       | 74.0           | -21.70          | Peak     | 335.00         | 200         | Vertical | Pass    |
| 6** | 16163.812       | 42.82            | -0.46       | 54.0           | -11.18          | AV       | 335.00         | 200         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1489.100        | 37.23            | -17.34      | 74.0           | -36.77          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 1** | 1489.100        | 28.46            | -17.34      | 54.0           | -25.54          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 2   | 4339.750        | 47.76            | -4.75       | 74.0           | -26.24          | Peak     | 66.00          | 100         | Horizontal | Pass    |
| 2** | 4339.750        | 38.51            | -4.75       | 54.0           | -15.49          | AV       | 66.00          | 100         | Horizontal | Pass    |
| 3   | 5592.000        | 103.02           | -3.26       | --             | --              | Peak     | 23.00          | 150         | Horizontal | N/A     |
| 3** | 5592.000        | 96.05            | -3.26       | --             | --              | AV       | 23.00          | 150         | Horizontal | N/A     |
| 4   | 7472.250        | 53.49            | 0.74        | 74.0           | -20.51          | Peak     | 162.00         | 150         | Horizontal | Pass    |
| 4** | 7472.250        | 42.61            | 0.74        | 54.0           | -11.39          | AV       | 162.00         | 150         | Horizontal | Pass    |
| 5   | 12449.563       | 49.20            | -2.16       | 74.0           | -24.80          | Peak     | 254.00         | 150         | Horizontal | Pass    |
| 5** | 12449.563       | 39.94            | -2.16       | 54.0           | -14.06          | AV       | 254.00         | 150         | Horizontal | Pass    |
| 6   | 16162.500       | 51.98            | -0.46       | 74.0           | -22.02          | Peak     | 82.00          | 150         | Horizontal | Pass    |
| 6** | 16162.500       | 43.03            | -0.46       | 54.0           | -10.97          | AV       | 82.00          | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1494.900        | 37.76            | -17.46      | 74.0           | -36.24          | Peak     | 213.00         | 150         | Vertical | Pass    |
| 1** | 1494.900        | 28.39            | -17.46      | 54.0           | -25.61          | AV       | 213.00         | 150         | Vertical | Pass    |
| 2   | 4311.000        | 47.41            | -4.29       | 74.0           | -26.59          | Peak     | 214.00         | 100         | Vertical | Pass    |
| 2** | 4311.000        | 38.43            | -4.29       | 54.0           | -15.57          | AV       | 214.00         | 100         | Vertical | Pass    |
| 3   | 5593.250        | 96.33            | -3.25       | --             | --              | Peak     | 232.00         | 150         | Vertical | N/A     |
| 3** | 5593.250        | 88.85            | -3.25       | --             | --              | AV       | 232.00         | 150         | Vertical | N/A     |
| 4   | 7455.500        | 52.89            | 1.16        | 74.0           | -21.11          | Peak     | 10.00          | 150         | Vertical | Pass    |
| 4** | 7455.500        | 43.56            | 1.16        | 54.0           | -10.44          | AV       | 10.00          | 150         | Vertical | Pass    |
| 5   | 11418.812       | 49.42            | -4.08       | 74.0           | -24.58          | Peak     | 226.00         | 150         | Vertical | Pass    |
| 5** | 11418.812       | 39.68            | -4.08       | 54.0           | -14.32          | AV       | 226.00         | 150         | Vertical | Pass    |
| 6   | 16187.963       | 52.33            | -0.44       | 74.0           | -21.67          | Peak     | 63.00          | 350         | Vertical | Pass    |
| 6** | 16187.963       | 42.87            | -0.44       | 54.0           | -11.13          | AV       | 63.00          | 350         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1546.600        | 37.70            | -17.60      | 74.0           | -36.30          | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 1** | 1546.600        | 28.58            | -17.60      | 54.0           | -25.42          | AV       | 360.00         | 400         | Horizontal | Pass    |
| 2   | 4279.500        | 47.71            | -4.66       | 74.0           | -26.29          | Peak     | 258.00         | 100         | Horizontal | Pass    |
| 2** | 4279.500        | 38.75            | -4.66       | 54.0           | -15.25          | AV       | 258.00         | 100         | Horizontal | Pass    |
| 3   | 5671.500        | 103.77           | -3.43       | --             | --              | Peak     | 27.00          | 150         | Horizontal | N/A     |
| 3** | 5671.500        | 96.85            | -3.43       | --             | --              | AV       | 27.00          | 150         | Horizontal | N/A     |
| 4   | 7738.500        | 52.72            | -0.62       | 74.0           | -21.28          | Peak     | 249.00         | 150         | Horizontal | Pass    |
| 4** | 7738.500        | 42.35            | -0.62       | 54.0           | -11.65          | AV       | 249.00         | 150         | Horizontal | Pass    |
| 5   | 12428.425       | 49.39            | -2.48       | 74.0           | -24.61          | Peak     | 275.00         | 150         | Horizontal | Pass    |
| 5** | 12428.425       | 40.46            | -2.48       | 54.0           | -13.54          | AV       | 275.00         | 150         | Horizontal | Pass    |
| 6   | 16168.275       | 52.14            | -0.46       | 74.0           | -21.86          | Peak     | 23.00          | 150         | Horizontal | Pass    |
| 6** | 16168.275       | 43.43            | -0.46       | 54.0           | -10.57          | AV       | 23.00          | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1479.600        | 37.79            | -17.28      | 74.0           | -36.21          | Peak     | 21.00          | 150         | Vertical | Pass    |
| 1** | 1479.600        | 28.41            | -17.28      | 54.0           | -25.59          | AV       | 21.00          | 150         | Vertical | Pass    |
| 2   | 4364.750        | 48.13            | -4.20       | 74.0           | -25.87          | Peak     | 2.00           | 100         | Vertical | Pass    |
| 2** | 4364.750        | 38.44            | -4.20       | 54.0           | -15.56          | AV       | 2.00           | 100         | Vertical | Pass    |
| 3   | 5668.000        | 97.04            | -3.33       | --             | --              | Peak     | 231.00         | 150         | Vertical | N/A     |
| 3** | 5668.000        | 90.18            | -3.33       | --             | --              | AV       | 231.00         | 150         | Vertical | N/A     |
| 4   | 7453.750        | 52.90            | 1.09        | 74.0           | -21.10          | Peak     | 187.00         | 200         | Vertical | Pass    |
| 4** | 7453.750        | 43.94            | 1.09        | 54.0           | -10.06          | AV       | 187.00         | 200         | Vertical | Pass    |
| 5   | 12677.088       | 49.42            | -2.32       | 74.0           | -24.58          | Peak     | 128.00         | 350         | Vertical | Pass    |
| 5** | 12677.088       | 40.38            | -2.32       | 54.0           | -13.62          | AV       | 128.00         | 350         | Vertical | Pass    |
| 6   | 16171.162       | 51.87            | -0.45       | 74.0           | -22.13          | Peak     | 278.00         | 150         | Vertical | Pass    |
| 6** | 16171.162       | 42.93            | -0.45       | 54.0           | -11.07          | AV       | 278.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1534.000        | 37.34            | -17.67      | 74.0           | -36.66          | Peak     | 152.00         | 350         | Horizontal | Pass    |
| 1** | 1534.000        | 27.69            | -17.67      | 54.0           | -26.31          | AV       | 152.00         | 350         | Horizontal | Pass    |
| 2   | 4295.000        | 47.83            | -4.43       | 74.0           | -26.17          | Peak     | 304.00         | 100         | Horizontal | Pass    |
| 2** | 4295.000        | 38.59            | -4.43       | 54.0           | -15.41          | AV       | 304.00         | 100         | Horizontal | Pass    |
| 3   | 5498.500        | 105.17           | -3.32       | --             | --              | Peak     | 21.00          | 150         | Horizontal | N/A     |
| 3** | 5498.500        | 98.13            | -3.32       | --             | --              | AV       | 21.00          | 150         | Horizontal | N/A     |
| 4   | 7457.000        | 53.29            | 1.14        | 74.0           | -20.71          | Peak     | 304.00         | 150         | Horizontal | Pass    |
| 4** | 7457.000        | 44.66            | 1.14        | 54.0           | -9.34           | AV       | 304.00         | 150         | Horizontal | Pass    |
| 5   | 11805.463       | 49.56            | -3.50       | 74.0           | -24.44          | Peak     | 68.00          | 150         | Horizontal | Pass    |
| 5** | 11805.463       | 39.86            | -3.50       | 54.0           | -14.14          | AV       | 68.00          | 150         | Horizontal | Pass    |
| 6   | 16167.750       | 51.79            | -0.46       | 74.0           | -22.21          | Peak     | 305.00         | 150         | Horizontal | Pass    |
| 6** | 16167.750       | 43.23            | -0.46       | 54.0           | -10.77          | AV       | 305.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1484.200        | 37.65            | -17.32      | 74.0           | -36.35          | Peak     | 41.00          | 150         | Vertical | Pass    |
| 1** | 1484.200        | 27.98            | -17.32      | 54.0           | -26.02          | AV       | 41.00          | 150         | Vertical | Pass    |
| 2   | 4337.500        | 47.30            | -4.68       | 74.0           | -26.70          | Peak     | 319.00         | 200         | Vertical | Pass    |
| 2** | 4337.500        | 38.07            | -4.68       | 54.0           | -15.93          | AV       | 319.00         | 200         | Vertical | Pass    |
| 3   | 5499.750        | 97.79            | -3.24       | --             | --              | Peak     | 229.00         | 150         | Vertical | N/A     |
| 3** | 5499.750        | 90.03            | -3.24       | --             | --              | AV       | 229.00         | 150         | Vertical | N/A     |
| 4   | 7537.500        | 53.27            | 0.55        | 74.0           | -20.73          | Peak     | 95.00          | 150         | Vertical | Pass    |
| 4** | 7537.500        | 43.05            | 0.55        | 54.0           | -10.95          | AV       | 95.00          | 150         | Vertical | Pass    |
| 5   | 11790.262       | 49.35            | -3.62       | 74.0           | -24.65          | Peak     | 118.00         | 150         | Vertical | Pass    |
| 5** | 11790.262       | 40.29            | -3.62       | 54.0           | -13.71          | AV       | 118.00         | 150         | Vertical | Pass    |
| 6   | 16198.988       | 51.80            | -0.44       | 74.0           | -22.20          | Peak     | 230.00         | 150         | Vertical | Pass    |
| 6** | 16198.988       | 42.18            | -0.44       | 54.0           | -11.82          | AV       | 230.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1482.000        | 38.13            | -17.29      | 74.0           | -35.87          | Peak     | 83.00          | 200         | Horizontal | Pass    |
| 1** | 1482.000        | 28.19            | -17.29      | 54.0           | -25.81          | AV       | 83.00          | 200         | Horizontal | Pass    |
| 2   | 4266.500        | 47.54            | -4.66       | 74.0           | -26.46          | Peak     | 214.00         | 200         | Horizontal | Pass    |
| 2** | 4266.500        | 38.56            | -4.66       | 54.0           | -15.44          | AV       | 214.00         | 200         | Horizontal | Pass    |
| 3   | 5582.000        | 106.43           | -2.79       | --             | --              | Peak     | 28.00          | 150         | Horizontal | N/A     |
| 3** | 5582.000        | 98.98            | -2.79       | --             | --              | AV       | 28.00          | 150         | Horizontal | N/A     |
| 4   | 7517.000        | 52.32            | 0.92        | 74.0           | -21.68          | Peak     | 45.00          | 150         | Horizontal | Pass    |
| 4** | 7517.000        | 44.06            | 0.92        | 54.0           | -9.94           | AV       | 45.00          | 150         | Horizontal | Pass    |
| 5   | 11190.100       | 49.17            | -4.12       | 74.0           | -24.83          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 5** | 11190.100       | 39.38            | -4.12       | 54.0           | -14.62          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 6   | 16178.513       | 51.84            | -0.45       | 74.0           | -22.16          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 6** | 16178.513       | 43.68            | -0.45       | 54.0           | -10.32          | AV       | 360.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1508.800        | 37.52            | -17.39      | 74.0           | -36.48          | Peak     | 221.00         | 150         | Vertical | Pass    |
| 1** | 1508.800        | 28.09            | -17.39      | 54.0           | -25.91          | AV       | 221.00         | 150         | Vertical | Pass    |
| 2   | 4279.000        | 47.90            | -4.69       | 74.0           | -26.10          | Peak     | 72.00          | 200         | Vertical | Pass    |
| 2** | 4279.000        | 38.47            | -4.69       | 54.0           | -15.53          | AV       | 72.00          | 200         | Vertical | Pass    |
| 3   | 5581.750        | 99.55            | -2.77       | --             | --              | Peak     | 222.00         | 150         | Vertical | N/A     |
| 3** | 5581.750        | 92.94            | -2.77       | --             | --              | AV       | 222.00         | 150         | Vertical | N/A     |
| 4   | 7506.250        | 53.25            | -0.01       | 74.0           | -20.75          | Peak     | 356.00         | 150         | Vertical | Pass    |
| 4** | 7506.250        | 44.07            | -0.01       | 54.0           | -9.93           | AV       | 356.00         | 150         | Vertical | Pass    |
| 5   | 11637.787       | 49.14            | -4.39       | 74.0           | -24.86          | Peak     | 302.00         | 150         | Vertical | Pass    |
| 5** | 11637.787       | 39.15            | -4.39       | 54.0           | -14.85          | AV       | 302.00         | 150         | Vertical | Pass    |
| 6   | 16169.062       | 51.93            | -0.46       | 74.0           | -22.07          | Peak     | 128.00         | 150         | Vertical | Pass    |
| 6** | 16169.062       | 43.09            | -0.46       | 54.0           | -10.91          | AV       | 128.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1492.100        | 37.70            | -17.39      | 74.0           | -36.30          | Peak     | 288.00         | 150         | Horizontal | Pass    |
| 1** | 1492.100        | 28.72            | -17.39      | 54.0           | -25.28          | AV       | 288.00         | 150         | Horizontal | Pass    |
| 2   | 4360.500        | 47.89            | -4.33       | 74.0           | -26.11          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 2** | 4360.500        | 39.66            | -4.33       | 54.0           | -14.34          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 3   | 5701.250        | 105.86           | -2.87       | --             | --              | Peak     | 29.00          | 150         | Horizontal | N/A     |
| 3** | 5701.250        | 98.92            | -2.87       | --             | --              | AV       | 29.00          | 150         | Horizontal | N/A     |
| 4   | 7319.750        | 53.28            | -0.72       | 74.0           | -20.72          | Peak     | 276.00         | 150         | Horizontal | Pass    |
| 4** | 7319.750        | 42.72            | -0.72       | 54.0           | -11.28          | AV       | 276.00         | 150         | Horizontal | Pass    |
| 5   | 12529.838       | 50.13            | -2.27       | 74.0           | -23.87          | Peak     | 337.00         | 200         | Horizontal | Pass    |
| 5** | 12529.838       | 40.10            | -2.27       | 54.0           | -13.90          | AV       | 337.00         | 200         | Horizontal | Pass    |
| 6   | 16066.950       | 52.60            | -0.40       | 74.0           | -21.40          | Peak     | 17.00          | 150         | Horizontal | Pass    |
| 6** | 16066.950       | 41.96            | -0.40       | 54.0           | -12.04          | AV       | 17.00          | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1565.300        | 37.86            | -17.60      | 74.0           | -36.14          | Peak     | 83.00          | 150         | Vertical | Pass    |
| 1** | 1565.300        | 27.72            | -17.60      | 54.0           | -26.28          | AV       | 83.00          | 150         | Vertical | Pass    |
| 2   | 4351.000        | 48.33            | -4.56       | 74.0           | -25.67          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 2** | 4351.000        | 38.34            | -4.56       | 54.0           | -15.66          | AV       | 0.00           | 150         | Vertical | Pass    |
| 3   | 5701.250        | 100.18           | -2.87       | --             | --              | Peak     | 199.00         | 150         | Vertical | N/A     |
| 3** | 5701.250        | 92.22            | -2.87       | --             | --              | AV       | 199.00         | 150         | Vertical | N/A     |
| 4   | 7516.500        | 52.95            | 0.93        | 74.0           | -21.05          | Peak     | 182.00         | 150         | Vertical | Pass    |
| 4** | 7516.500        | 43.86            | 0.93        | 54.0           | -10.14          | AV       | 182.00         | 150         | Vertical | Pass    |
| 5   | 12517.963       | 49.30            | -2.35       | 74.0           | -24.70          | Peak     | 212.00         | 150         | Vertical | Pass    |
| 5** | 12517.963       | 39.66            | -2.35       | 54.0           | -14.34          | AV       | 212.00         | 150         | Vertical | Pass    |
| 6   | 16183.500       | 51.77            | -0.45       | 74.0           | -22.23          | Peak     | 190.00         | 250         | Vertical | Pass    |
| 6** | 16183.500       | 42.96            | -0.45       | 54.0           | -11.04          | AV       | 190.00         | 250         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1440.200        | 37.42            | -17.31      | 74.0           | -36.58          | Peak     | 292.00         | 150         | Horizontal | Pass    |
| 1** | 1440.200        | 27.52            | -17.31      | 54.0           | -26.48          | AV       | 292.00         | 150         | Horizontal | Pass    |
| 2   | 4296.250        | 47.38            | -4.43       | 74.0           | -26.62          | Peak     | 48.00          | 200         | Horizontal | Pass    |
| 2** | 4296.250        | 38.70            | -4.43       | 54.0           | -15.30          | AV       | 48.00          | 200         | Horizontal | Pass    |
| 3   | 5511.750        | 101.06           | -3.18       | --             | --              | Peak     | 21.00          | 150         | Horizontal | N/A     |
| 3** | 5511.750        | 94.37            | -3.18       | --             | --              | AV       | 21.00          | 150         | Horizontal | N/A     |
| 4   | 7454.000        | 52.76            | 1.12        | 74.0           | -21.24          | Peak     | 268.00         | 150         | Horizontal | Pass    |
| 4** | 7454.000        | 44.36            | 1.12        | 54.0           | -9.64           | AV       | 268.00         | 150         | Horizontal | Pass    |
| 5   | 11450.401       | 49.86            | -3.88       | 74.0           | -24.14          | Peak     | 117.00         | 150         | Horizontal | Pass    |
| 5** | 11450.401       | 39.13            | -3.88       | 54.0           | -14.87          | AV       | 117.00         | 150         | Horizontal | Pass    |
| 6   | 16191.375       | 51.94            | -0.44       | 74.0           | -22.06          | Peak     | 127.00         | 150         | Horizontal | Pass    |
| 6** | 16191.375       | 42.39            | -0.44       | 54.0           | -11.61          | AV       | 127.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1491.400        | 37.54            | -17.38      | 74.0           | -36.46          | Peak     | 35.00          | 150         | Vertical | Pass    |
| 1** | 1491.400        | 28.82            | -17.38      | 54.0           | -25.18          | AV       | 35.00          | 150         | Vertical | Pass    |
| 2   | 4278.250        | 47.94            | -4.74       | 74.0           | -26.06          | Peak     | 241.00         | 200         | Vertical | Pass    |
| 2** | 4278.250        | 38.06            | -4.74       | 54.0           | -15.94          | AV       | 241.00         | 200         | Vertical | Pass    |
| 3   | 5512.250        | 94.71            | -3.13       | --             | --              | Peak     | 224.00         | 150         | Vertical | N/A     |
| 3** | 5512.250        | 86.94            | -3.13       | --             | --              | AV       | 224.00         | 150         | Vertical | N/A     |
| 4   | 7512.750        | 53.03            | 0.58        | 74.0           | -20.97          | Peak     | 189.00         | 150         | Vertical | Pass    |
| 4** | 7512.750        | 43.83            | 0.58        | 54.0           | -10.17          | AV       | 189.00         | 150         | Vertical | Pass    |
| 5   | 12207.549       | 49.44            | -2.98       | 74.0           | -24.56          | Peak     | 79.00          | 150         | Vertical | Pass    |
| 5** | 12207.549       | 40.08            | -2.98       | 54.0           | -13.92          | AV       | 79.00          | 150         | Vertical | Pass    |
| 6   | 16184.813       | 51.63            | -0.45       | 74.0           | -22.37          | Peak     | 142.00         | 150         | Vertical | Pass    |
| 6** | 16184.813       | 43.29            | -0.45       | 54.0           | -10.71          | AV       | 142.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1503.200        | 37.23            | -17.41      | 74.0           | -36.77          | Peak     | 246.00         | 150         | Horizontal | Pass    |
| 1** | 1503.200        | 28.22            | -17.41      | 54.0           | -25.78          | AV       | 246.00         | 150         | Horizontal | Pass    |
| 2   | 4379.000        | 47.61            | -3.96       | 74.0           | -26.39          | Peak     | 92.00          | 200         | Horizontal | Pass    |
| 2** | 4379.000        | 38.82            | -3.96       | 54.0           | -15.18          | AV       | 92.00          | 200         | Horizontal | Pass    |
| 3   | 5588.500        | 101.96           | -3.08       | --             | --              | Peak     | 29.00          | 150         | Horizontal | N/A     |
| 3** | 5588.500        | 94.55            | -3.08       | --             | --              | AV       | 29.00          | 150         | Horizontal | N/A     |
| 4   | 7458.750        | 52.97            | 1.15        | 74.0           | -21.03          | Peak     | 189.00         | 400         | Horizontal | Pass    |
| 4** | 7458.750        | 44.58            | 1.15        | 54.0           | -9.42           | AV       | 189.00         | 400         | Horizontal | Pass    |
| 5   | 10719.612       | 49.77            | -4.84       | 74.0           | -24.23          | Peak     | 68.00          | 150         | Horizontal | Pass    |
| 5** | 10719.612       | 39.46            | -4.84       | 54.0           | -14.54          | AV       | 68.00          | 150         | Horizontal | Pass    |
| 6   | 16142.026       | 52.09            | -0.55       | 74.0           | -21.91          | Peak     | 275.00         | 150         | Horizontal | Pass    |
| 6** | 16142.026       | 42.85            | -0.55       | 54.0           | -11.15          | AV       | 275.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1503.900        | 37.65            | -17.39      | 74.0           | -36.35          | Peak     | 69.00          | 150         | Vertical | Pass    |
| 1** | 1503.900        | 28.11            | -17.39      | 54.0           | -25.89          | AV       | 69.00          | 150         | Vertical | Pass    |
| 2   | 4289.250        | 47.58            | -4.56       | 74.0           | -26.42          | Peak     | 4.00           | 200         | Vertical | Pass    |
| 2** | 4289.250        | 38.56            | -4.56       | 54.0           | -15.44          | AV       | 4.00           | 200         | Vertical | Pass    |
| 3   | 5592.000        | 94.93            | -3.26       | --             | --              | Peak     | 202.00         | 150         | Vertical | N/A     |
| 3** | 5592.000        | 87.47            | -3.26       | --             | --              | AV       | 202.00         | 150         | Vertical | N/A     |
| 4   | 7271.750        | 52.86            | -0.39       | 74.0           | -21.14          | Peak     | 221.00         | 150         | Vertical | Pass    |
| 4** | 7271.750        | 42.64            | -0.39       | 54.0           | -11.36          | AV       | 221.00         | 150         | Vertical | Pass    |
| 5   | 12634.338       | 49.44            | -2.40       | 74.0           | -24.56          | Peak     | 132.00         | 150         | Vertical | Pass    |
| 5** | 12634.338       | 39.10            | -2.40       | 54.0           | -14.90          | AV       | 132.00         | 150         | Vertical | Pass    |
| 6   | 16179.826       | 52.04            | -0.45       | 74.0           | -21.96          | Peak     | 228.00         | 150         | Vertical | Pass    |
| 6** | 16179.826       | 43.21            | -0.45       | 54.0           | -10.79          | AV       | 228.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1491.600        | 37.42            | -17.38      | 74.0           | -36.58          | Peak     | 26.00          | 150         | Horizontal | Pass    |
| 1** | 1491.600        | 28.17            | -17.38      | 54.0           | -25.83          | AV       | 26.00          | 150         | Horizontal | Pass    |
| 2   | 4319.500        | 47.74            | -4.60       | 74.0           | -26.26          | Peak     | 312.00         | 100         | Horizontal | Pass    |
| 2** | 4319.500        | 38.49            | -4.60       | 54.0           | -15.51          | AV       | 312.00         | 100         | Horizontal | Pass    |
| 3   | 5666.000        | 103.99           | -3.14       | --             | --              | Peak     | 28.00          | 150         | Horizontal | N/A     |
| 3** | 5666.000        | 94.73            | -3.14       | --             | --              | AV       | 28.00          | 150         | Horizontal | N/A     |
| 4   | 7567.750        | 52.66            | -0.03       | 74.0           | -21.34          | Peak     | 46.00          | 150         | Horizontal | Pass    |
| 4** | 7567.750        | 43.45            | -0.03       | 54.0           | -10.55          | AV       | 46.00          | 150         | Horizontal | Pass    |
| 5   | 11461.325       | 49.32            | -3.97       | 74.0           | -24.68          | Peak     | 279.00         | 400         | Horizontal | Pass    |
| 5** | 11461.325       | 40.35            | -3.97       | 54.0           | -13.65          | AV       | 279.00         | 400         | Horizontal | Pass    |
| 6   | 16164.076       | 51.78            | -0.46       | 74.0           | -22.22          | Peak     | 139.00         | 200         | Horizontal | Pass    |
| 6** | 16164.076       | 43.28            | -0.46       | 54.0           | -10.72          | AV       | 139.00         | 200         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1570.500        | 38.50            | -17.52      | 74.0           | -35.50          | Peak     | 138.00         | 150         | Vertical | Pass    |
| 1** | 1570.500        | 27.89            | -17.52      | 54.0           | -26.11          | AV       | 138.00         | 150         | Vertical | Pass    |
| 2   | 4372.250        | 47.54            | -4.22       | 74.0           | -26.46          | Peak     | 225.00         | 150         | Vertical | Pass    |
| 2** | 4372.250        | 38.10            | -4.22       | 54.0           | -15.90          | AV       | 225.00         | 150         | Vertical | Pass    |
| 3   | 5668.000        | 95.61            | -3.33       | --             | --              | Peak     | 233.00         | 150         | Vertical | N/A     |
| 3** | 5668.000        | 88.06            | -3.33       | --             | --              | AV       | 233.00         | 150         | Vertical | N/A     |
| 4   | 7696.750        | 52.96            | 1.81        | 74.0           | -21.04          | Peak     | 258.00         | 150         | Vertical | Pass    |
| 4** | 7696.750        | 43.52            | 1.81        | 54.0           | -10.48          | AV       | 258.00         | 150         | Vertical | Pass    |
| 5   | 10639.337       | 49.74            | -4.65       | 74.0           | -24.26          | Peak     | 177.00         | 150         | Vertical | Pass    |
| 5** | 10639.337       | 40.13            | -4.65       | 54.0           | -13.87          | AV       | 177.00         | 150         | Vertical | Pass    |
| 6   | 16164.076       | 52.33            | -0.46       | 74.0           | -21.67          | Peak     | 352.00         | 150         | Vertical | Pass    |
| 6** | 16164.076       | 43.11            | -0.46       | 54.0           | -10.89          | AV       | 352.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1504.000        | 37.58            | -17.38      | 74.0           | -36.42          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 1** | 1504.000        | 28.11            | -17.38      | 54.0           | -25.89          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 2   | 4304.500        | 47.73            | -4.24       | 74.0           | -26.27          | Peak     | 268.00         | 200         | Horizontal | Pass    |
| 2** | 4304.500        | 39.09            | -4.24       | 54.0           | -14.91          | AV       | 268.00         | 200         | Horizontal | Pass    |
| 3   | 5532.500        | 97.13            | -2.97       | --             | --              | Peak     | 28.00          | 150         | Horizontal | N/A     |
| 3** | 5532.500        | 89.51            | -2.97       | --             | --              | AV       | 28.00          | 150         | Horizontal | N/A     |
| 4   | 7475.750        | 53.34            | 0.68        | 74.0           | -20.66          | Peak     | 63.00          | 150         | Horizontal | Pass    |
| 4** | 7475.750        | 44.39            | 0.68        | 54.0           | -9.61           | AV       | 63.00          | 150         | Horizontal | Pass    |
| 5   | 12660.700       | 50.00            | -2.31       | 74.0           | -24.00          | Peak     | 153.00         | 150         | Horizontal | Pass    |
| 5** | 12660.700       | 40.65            | -2.31       | 54.0           | -13.35          | AV       | 153.00         | 150         | Horizontal | Pass    |
| 6   | 16081.651       | 52.02            | -0.66       | 74.0           | -21.98          | Peak     | 5.00           | 150         | Horizontal | Pass    |
| 6** | 16081.651       | 41.65            | -0.66       | 54.0           | -12.35          | AV       | 5.00           | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1525.000        | 37.90            | -17.60      | 74.0           | -36.10          | Peak     | 185.00         | 250         | Vertical | Pass    |
| 1** | 1525.000        | 27.94            | -17.60      | 54.0           | -26.06          | AV       | 185.00         | 250         | Vertical | Pass    |
| 2   | 4318.750        | 48.09            | -4.59       | 74.0           | -25.91          | Peak     | 294.00         | 200         | Vertical | Pass    |
| 2** | 4318.750        | 39.34            | -4.59       | 54.0           | -14.66          | AV       | 294.00         | 200         | Vertical | Pass    |
| 3   | 5541.750        | 89.93            | -2.89       | --             | --              | Peak     | 231.00         | 150         | Vertical | N/A     |
| 3** | 5541.750        | 81.22            | -2.89       | --             | --              | AV       | 231.00         | 150         | Vertical | N/A     |
| 4   | 7702.500        | 53.08            | 1.86        | 74.0           | -20.92          | Peak     | 241.00         | 350         | Vertical | Pass    |
| 4** | 7702.500        | 43.70            | 1.86        | 54.0           | -10.30          | AV       | 241.00         | 350         | Vertical | Pass    |
| 5   | 12672.812       | 50.25            | -2.32       | 74.0           | -23.75          | Peak     | 8.00           | 400         | Vertical | Pass    |
| 5** | 12672.812       | 39.69            | -2.32       | 54.0           | -14.31          | AV       | 8.00           | 400         | Vertical | Pass    |
| 6   | 16193.738       | 52.34            | -0.44       | 74.0           | -21.66          | Peak     | 19.00          | 150         | Vertical | Pass    |
| 6** | 16193.738       | 42.38            | -0.44       | 54.0           | -11.62          | AV       | 19.00          | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1593.100        | 37.79            | -17.62      | 74.0           | -36.21          | Peak     | 60.00          | 250         | Horizontal | Pass    |
| 1** | 1593.100        | 28.52            | -17.62      | 54.0           | -25.48          | AV       | 60.00          | 250         | Horizontal | Pass    |
| 2   | 4263.250        | 47.97            | -4.65       | 74.0           | -26.03          | Peak     | 77.00          | 100         | Horizontal | Pass    |
| 2** | 4263.250        | 37.99            | -4.65       | 54.0           | -16.01          | AV       | 77.00          | 100         | Horizontal | Pass    |
| 3   | 5623.250        | 99.29            | -2.36       | --             | --              | Peak     | 32.00          | 150         | Horizontal | N/A     |
| 3** | 5623.250        | 91.89            | -2.36       | --             | --              | AV       | 32.00          | 150         | Horizontal | N/A     |
| 4   | 7473.000        | 54.04            | 0.67        | 74.0           | -19.96          | Peak     | 121.00         | 150         | Horizontal | Pass    |
| 4** | 7473.000        | 44.23            | 0.67        | 54.0           | -9.77           | AV       | 121.00         | 150         | Horizontal | Pass    |
| 5   | 12651.437       | 49.99            | -2.30       | 74.0           | -24.01          | Peak     | 202.00         | 150         | Horizontal | Pass    |
| 5** | 12651.437       | 40.58            | -2.30       | 54.0           | -13.42          | AV       | 202.00         | 150         | Horizontal | Pass    |
| 6   | 16169.326       | 51.57            | -0.46       | 74.0           | -22.43          | Peak     | 291.00         | 150         | Horizontal | Pass    |
| 6** | 16169.326       | 43.29            | -0.46       | 54.0           | -10.71          | AV       | 291.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1465.500        | 38.12            | -17.49      | 74.0           | -35.88          | Peak     | 63.00          | 100         | Vertical | Pass    |
| 1** | 1465.500        | 27.69            | -17.49      | 54.0           | -26.31          | AV       | 63.00          | 100         | Vertical | Pass    |
| 2   | 4378.750        | 47.84            | -3.95       | 74.0           | -26.16          | Peak     | 180.00         | 200         | Vertical | Pass    |
| 2** | 4378.750        | 39.26            | -3.95       | 54.0           | -14.74          | AV       | 180.00         | 200         | Vertical | Pass    |
| 3   | 5604.000        | 91.50            | -3.00       | --             | --              | Peak     | 197.00         | 150         | Vertical | N/A     |
| 3** | 5604.000        | 84.25            | -3.00       | --             | --              | AV       | 197.00         | 150         | Vertical | N/A     |
| 4   | 7702.500        | 52.42            | 1.86        | 74.0           | -21.58          | Peak     | 259.00         | 150         | Vertical | Pass    |
| 4** | 7702.500        | 43.87            | 1.86        | 54.0           | -10.13          | AV       | 259.00         | 150         | Vertical | Pass    |
| 5   | 12681.600       | 49.62            | -2.32       | 74.0           | -24.38          | Peak     | 70.00          | 150         | Vertical | Pass    |
| 5** | 12681.600       | 40.24            | -2.32       | 54.0           | -13.76          | AV       | 70.00          | 150         | Vertical | Pass    |
| 6   | 16147.537       | 51.83            | -0.49       | 74.0           | -22.17          | Peak     | 67.00          | 150         | Vertical | Pass    |
| 6** | 16147.537       | 42.45            | -0.49       | 54.0           | -11.55          | AV       | 67.00          | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1607.200        | 37.40            | -17.45      | 74.0           | -36.60          | Peak     | 154.00         | 150         | Horizontal | Pass    |
| 1** | 1607.200        | 28.03            | -17.45      | 54.0           | -25.97          | AV       | 154.00         | 150         | Horizontal | Pass    |
| 2   | 4309.250        | 47.76            | -4.29       | 74.0           | -26.24          | Peak     | 276.00         | 150         | Horizontal | Pass    |
| 2** | 4309.250        | 39.26            | -4.29       | 54.0           | -14.74          | AV       | 276.00         | 150         | Horizontal | Pass    |
| 3   | 5746.500        | 104.85           | -2.89       | --             | --              | Peak     | 29.00          | 150         | Horizontal | N/A     |
| 3** | 5746.500        | 97.58            | -2.89       | --             | --              | AV       | 29.00          | 150         | Horizontal | N/A     |
| 4   | 7516.000        | 52.21            | 0.93        | 74.0           | -21.79          | Peak     | 153.00         | 200         | Horizontal | Pass    |
| 4** | 7516.000        | 44.22            | 0.93        | 54.0           | -9.78           | AV       | 153.00         | 200         | Horizontal | Pass    |
| 5   | 12685.875       | 49.94            | -2.33       | 74.0           | -24.06          | Peak     | 347.00         | 150         | Horizontal | Pass    |
| 5** | 12685.875       | 40.26            | -2.33       | 54.0           | -13.74          | AV       | 347.00         | 150         | Horizontal | Pass    |
| 6   | 16154.100       | 52.73            | -0.47       | 74.0           | -21.27          | Peak     | 187.00         | 150         | Horizontal | Pass    |
| 6** | 16154.100       | 42.47            | -0.47       | 54.0           | -11.53          | AV       | 187.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1480.400        | 37.26            | -17.28      | 74.0           | -36.74          | Peak     | 263.00         | 150         | Vertical | Pass    |
| 1** | 1480.400        | 28.25            | -17.28      | 54.0           | -25.75          | AV       | 263.00         | 150         | Vertical | Pass    |
| 2   | 4263.750        | 47.72            | -4.70       | 74.0           | -26.28          | Peak     | 107.00         | 150         | Vertical | Pass    |
| 2** | 4263.750        | 38.57            | -4.70       | 54.0           | -15.43          | AV       | 107.00         | 150         | Vertical | Pass    |
| 3   | 5742.250        | 96.80            | -3.09       | --             | --              | Peak     | 195.00         | 150         | Vertical | N/A     |
| 3** | 5742.250        | 88.72            | -3.09       | --             | --              | AV       | 195.00         | 150         | Vertical | N/A     |
| 4   | 7655.500        | 52.45            | -0.20       | 74.0           | -21.55          | Peak     | 329.00         | 100         | Vertical | Pass    |
| 4** | 7655.500        | 43.86            | -0.20       | 54.0           | -10.14          | AV       | 329.00         | 100         | Vertical | Pass    |
| 5   | 11791.213       | 50.32            | -3.61       | 74.0           | -23.68          | Peak     | 254.00         | 150         | Vertical | Pass    |
| 5** | 11791.213       | 40.31            | -3.61       | 54.0           | -13.69          | AV       | 254.00         | 150         | Vertical | Pass    |
| 6   | 16173.263       | 51.92            | -0.45       | 74.0           | -22.08          | Peak     | 305.00         | 150         | Vertical | Pass    |
| 6** | 16173.263       | 43.19            | -0.45       | 54.0           | -10.81          | AV       | 305.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1484.700        | 37.44            | -17.32      | 74.0           | -36.56          | Peak     | 75.00          | 150         | Horizontal | Pass    |
| 1** | 1484.700        | 28.39            | -17.32      | 54.0           | -25.61          | AV       | 75.00          | 150         | Horizontal | Pass    |
| 2   | 4357.750        | 47.89            | -4.16       | 74.0           | -26.11          | Peak     | 304.00         | 200         | Horizontal | Pass    |
| 2** | 4357.750        | 38.39            | -4.16       | 54.0           | -15.61          | AV       | 304.00         | 200         | Horizontal | Pass    |
| 3   | 5786.500        | 105.26           | -3.10       | --             | --              | Peak     | 19.00          | 150         | Horizontal | N/A     |
| 3** | 5786.500        | 98.43            | -3.10       | --             | --              | AV       | 19.00          | 150         | Horizontal | N/A     |
| 4   | 7514.750        | 52.86            | 0.81        | 74.0           | -21.14          | Peak     | 0.00           | 250         | Horizontal | Pass    |
| 4** | 7514.750        | 44.04            | 0.81        | 54.0           | -9.96           | AV       | 0.00           | 250         | Horizontal | Pass    |
| 5   | 12300.174       | 50.03            | -2.44       | 74.0           | -23.97          | Peak     | 33.00          | 300         | Horizontal | Pass    |
| 5** | 12300.174       | 40.22            | -2.44       | 54.0           | -13.78          | AV       | 33.00          | 300         | Horizontal | Pass    |
| 6   | 16188.225       | 51.89            | -0.44       | 74.0           | -22.11          | Peak     | 143.00         | 150         | Horizontal | Pass    |
| 6** | 16188.225       | 43.38            | -0.44       | 54.0           | -10.62          | AV       | 143.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1540.700        | 37.48            | -17.88      | 74.0           | -36.52          | Peak     | 65.00          | 100         | Vertical | Pass    |
| 1** | 1540.700        | 28.47            | -17.88      | 54.0           | -25.53          | AV       | 65.00          | 100         | Vertical | Pass    |
| 2   | 4376.500        | 47.45            | -4.02       | 74.0           | -26.55          | Peak     | 329.00         | 150         | Vertical | Pass    |
| 2** | 4376.500        | 38.74            | -4.02       | 54.0           | -15.26          | AV       | 329.00         | 150         | Vertical | Pass    |
| 3   | 5785.750        | 98.64            | -3.13       | --             | --              | Peak     | 199.00         | 100         | Vertical | N/A     |
| 3** | 5785.750        | 90.53            | -3.13       | --             | --              | AV       | 199.00         | 100         | Vertical | N/A     |
| 4   | 7560.750        | 52.64            | -0.32       | 74.0           | -21.36          | Peak     | 4.00           | 150         | Vertical | Pass    |
| 4** | 7560.750        | 43.86            | -0.32       | 54.0           | -10.14          | AV       | 4.00           | 150         | Vertical | Pass    |
| 5   | 12447.901       | 49.72            | -2.18       | 74.0           | -24.28          | Peak     | 56.00          | 400         | Vertical | Pass    |
| 5** | 12447.901       | 40.40            | -2.18       | 54.0           | -13.60          | AV       | 56.00          | 400         | Vertical | Pass    |
| 6   | 16165.387       | 52.31            | -0.46       | 74.0           | -21.69          | Peak     | 291.00         | 150         | Vertical | Pass    |
| 6** | 16165.387       | 43.27            | -0.46       | 54.0           | -10.73          | AV       | 291.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1557.700        | 37.67            | -17.82      | 74.0           | -36.33          | Peak     | 6.00           | 150         | Horizontal | Pass    |
| 1** | 1557.700        | 28.25            | -17.82      | 54.0           | -25.75          | AV       | 6.00           | 150         | Horizontal | Pass    |
| 2   | 4288.000        | 47.67            | -4.47       | 74.0           | -26.33          | Peak     | 186.00         | 100         | Horizontal | Pass    |
| 2** | 4288.000        | 38.48            | -4.47       | 54.0           | -15.52          | AV       | 186.00         | 100         | Horizontal | Pass    |
| 3   | 5823.500        | 105.22           | -3.12       | --             | --              | Peak     | 27.00          | 150         | Horizontal | N/A     |
| 3** | 5823.500        | 97.51            | -3.12       | --             | --              | AV       | 27.00          | 150         | Horizontal | N/A     |
| 4   | 7516.250        | 52.66            | 0.94        | 74.0           | -21.34          | Peak     | 133.00         | 150         | Horizontal | Pass    |
| 4** | 7516.250        | 44.84            | 0.94        | 54.0           | -9.16           | AV       | 133.00         | 150         | Horizontal | Pass    |
| 5   | 12699.412       | 49.42            | -2.34       | 74.0           | -24.58          | Peak     | 33.00          | 150         | Horizontal | Pass    |
| 5** | 12699.412       | 40.07            | -2.34       | 54.0           | -13.93          | AV       | 33.00          | 150         | Horizontal | Pass    |
| 6   | 16165.387       | 52.22            | -0.46       | 74.0           | -21.78          | Peak     | 142.00         | 150         | Horizontal | Pass    |
| 6** | 16165.387       | 43.32            | -0.46       | 54.0           | -10.68          | AV       | 142.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1447.400        | 37.73            | -17.34      | 74.0           | -36.27          | Peak     | 263.00         | 150         | Vertical | Pass    |
| 1** | 1447.400        | 27.89            | -17.34      | 54.0           | -26.11          | AV       | 263.00         | 150         | Vertical | Pass    |
| 2   | 4320.500        | 47.57            | -4.63       | 74.0           | -26.43          | Peak     | 251.00         | 100         | Vertical | Pass    |
| 2** | 4320.500        | 38.88            | -4.63       | 54.0           | -15.12          | AV       | 251.00         | 100         | Vertical | Pass    |
| 3   | 5822.750        | 98.66            | -3.10       | --             | --              | Peak     | 207.00         | 150         | Vertical | N/A     |
| 3** | 5822.750        | 91.31            | -3.10       | --             | --              | AV       | 207.00         | 150         | Vertical | N/A     |
| 4   | 7516.000        | 53.39            | 0.93        | 74.0           | -20.61          | Peak     | 109.00         | 150         | Vertical | Pass    |
| 4** | 7516.000        | 43.87            | 0.93        | 54.0           | -10.13          | AV       | 109.00         | 150         | Vertical | Pass    |
| 5   | 11327.375       | 49.33            | -4.27       | 74.0           | -24.67          | Peak     | 238.00         | 200         | Vertical | Pass    |
| 5** | 11327.375       | 38.90            | -4.27       | 54.0           | -15.10          | AV       | 238.00         | 200         | Vertical | Pass    |
| 6   | 16178.250       | 52.63            | -0.45       | 74.0           | -21.37          | Peak     | 291.00         | 150         | Vertical | Pass    |
| 6** | 16178.250       | 43.26            | -0.45       | 54.0           | -10.74          | AV       | 291.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1454.600        | 37.57            | -17.55      | 74.0           | -36.43          | Peak     | 211.00         | 150         | Horizontal | Pass    |
| 1** | 1454.600        | 28.24            | -17.55      | 54.0           | -25.76          | AV       | 211.00         | 150         | Horizontal | Pass    |
| 2   | 4256.750        | 47.77            | -4.76       | 74.0           | -26.23          | Peak     | 14.00          | 150         | Horizontal | Pass    |
| 2** | 4256.750        | 38.38            | -4.76       | 54.0           | -15.62          | AV       | 14.00          | 150         | Horizontal | Pass    |
| 3   | 5746.000        | 104.82           | -2.84       | --             | --              | Peak     | 31.00          | 150         | Horizontal | N/A     |
| 3** | 5746.000        | 98.61            | -2.84       | --             | --              | AV       | 31.00          | 150         | Horizontal | N/A     |
| 4   | 7675.000        | 52.21            | 0.47        | 74.0           | -21.79          | Peak     | 119.00         | 200         | Horizontal | Pass    |
| 4** | 7675.000        | 43.11            | 0.47        | 54.0           | -10.89          | AV       | 119.00         | 200         | Horizontal | Pass    |
| 5   | 12440.300       | 49.30            | -2.30       | 74.0           | -24.70          | Peak     | 201.00         | 100         | Horizontal | Pass    |
| 5** | 12440.300       | 40.78            | -2.30       | 54.0           | -13.22          | AV       | 201.00         | 100         | Horizontal | Pass    |
| 6   | 16175.625       | 52.01            | -0.45       | 74.0           | -21.99          | Peak     | 83.00          | 150         | Horizontal | Pass    |
| 6** | 16175.625       | 42.96            | -0.45       | 54.0           | -11.04          | AV       | 83.00          | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1442.000        | 38.78            | -17.26      | 74.0           | -35.22          | Peak     | 304.00         | 150         | Vertical | Pass    |
| 1** | 1442.000        | 29.00            | -17.26      | 54.0           | -25.00          | AV       | 304.00         | 150         | Vertical | Pass    |
| 2   | 4249.000        | 48.14            | -5.16       | 74.0           | -25.86          | Peak     | 222.00         | 100         | Vertical | Pass    |
| 2** | 4249.000        | 38.56            | -5.16       | 54.0           | -15.44          | AV       | 222.00         | 100         | Vertical | Pass    |
| 3   | 5746.250        | 97.45            | -2.87       | --             | --              | Peak     | 197.00         | 150         | Vertical | N/A     |
| 3** | 5746.250        | 90.41            | -2.87       | --             | --              | AV       | 197.00         | 150         | Vertical | N/A     |
| 4   | 7559.000        | 53.39            | -0.44       | 74.0           | -20.61          | Peak     | 258.00         | 150         | Vertical | Pass    |
| 4** | 7559.000        | 42.81            | -0.44       | 54.0           | -11.19          | AV       | 258.00         | 150         | Vertical | Pass    |
| 5   | 12678.750       | 49.54            | -2.32       | 74.0           | -24.46          | Peak     | 252.00         | 250         | Vertical | Pass    |
| 5** | 12678.750       | 40.71            | -2.32       | 54.0           | -13.29          | AV       | 252.00         | 250         | Vertical | Pass    |
| 6   | 16158.037       | 52.01            | -0.46       | 74.0           | -21.99          | Peak     | 37.00          | 150         | Vertical | Pass    |
| 6** | 16158.037       | 42.72            | -0.46       | 54.0           | -11.28          | AV       | 37.00          | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1564.400        | 37.65            | -17.65      | 74.0           | -36.35          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 1** | 1564.400        | 28.96            | -17.65      | 54.0           | -25.04          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 2   | 4301.750        | 47.62            | -4.47       | 74.0           | -26.38          | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 2** | 4301.750        | 39.05            | -4.47       | 54.0           | -14.95          | AV       | 360.00         | 200         | Horizontal | Pass    |
| 3   | 5783.750        | 104.92           | -3.19       | --             | --              | Peak     | 28.00          | 150         | Horizontal | N/A     |
| 3** | 5783.750        | 97.89            | -3.19       | --             | --              | AV       | 28.00          | 150         | Horizontal | N/A     |
| 4   | 7502.250        | 53.27            | -0.46       | 74.0           | -20.73          | Peak     | 222.00         | 150         | Horizontal | Pass    |
| 4** | 7502.250        | 43.31            | -0.46       | 54.0           | -10.69          | AV       | 222.00         | 150         | Horizontal | Pass    |
| 5   | 12433.412       | 49.78            | -2.40       | 74.0           | -24.22          | Peak     | 338.00         | 150         | Horizontal | Pass    |
| 5** | 12433.412       | 39.89            | -2.40       | 54.0           | -14.11          | AV       | 338.00         | 150         | Horizontal | Pass    |
| 6   | 16168.800       | 51.80            | -0.46       | 74.0           | -22.20          | Peak     | 217.00         | 150         | Horizontal | Pass    |
| 6** | 16168.800       | 44.39            | -0.46       | 54.0           | -9.61           | AV       | 217.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1594.000        | 37.74            | -17.49      | 74.0           | -36.26          | Peak     | 170.00         | 150         | Vertical | Pass    |
| 1** | 1594.000        | 28.16            | -17.49      | 54.0           | -25.84          | AV       | 170.00         | 150         | Vertical | Pass    |
| 2   | 4305.750        | 48.17            | -4.19       | 74.0           | -25.83          | Peak     | 117.00         | 150         | Vertical | Pass    |
| 2** | 4305.750        | 38.75            | -4.19       | 54.0           | -15.25          | AV       | 117.00         | 150         | Vertical | Pass    |
| 3   | 5786.500        | 97.48            | -3.10       | --             | --              | Peak     | 260.00         | 150         | Vertical | N/A     |
| 3** | 5786.500        | 89.92            | -3.10       | --             | --              | AV       | 260.00         | 150         | Vertical | N/A     |
| 4   | 7521.750        | 53.35            | 0.88        | 74.0           | -20.65          | Peak     | 19.00          | 300         | Vertical | Pass    |
| 4** | 7521.750        | 43.36            | 0.88        | 54.0           | -10.64          | AV       | 19.00          | 300         | Vertical | Pass    |
| 5   | 12654.763       | 49.42            | -2.30       | 74.0           | -24.58          | Peak     | 130.00         | 150         | Vertical | Pass    |
| 5** | 12654.763       | 40.57            | -2.30       | 54.0           | -13.43          | AV       | 130.00         | 150         | Vertical | Pass    |
| 6   | 16041.487       | 51.72            | -0.11       | 74.0           | -22.28          | Peak     | 127.00         | 150         | Vertical | Pass    |
| 6** | 16041.487       | 43.13            | -0.11       | 54.0           | -10.87          | AV       | 127.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1470.500        | 37.39            | -17.51      | 74.0           | -36.61          | Peak     | 67.00          | 100         | Horizontal | Pass    |
| 1** | 1470.500        | 28.32            | -17.51      | 54.0           | -25.68          | AV       | 67.00          | 100         | Horizontal | Pass    |
| 2   | 4365.250        | 47.53            | -4.18       | 74.0           | -26.47          | Peak     | 145.00         | 150         | Horizontal | Pass    |
| 2** | 4365.250        | 38.24            | -4.18       | 54.0           | -15.76          | AV       | 145.00         | 150         | Horizontal | Pass    |
| 3   | 5824.250        | 104.99           | -3.14       | --             | --              | Peak     | 28.00          | 150         | Horizontal | N/A     |
| 3** | 5824.250        | 98.21            | -3.14       | --             | --              | AV       | 28.00          | 150         | Horizontal | N/A     |
| 4   | 7459.750        | 52.45            | 1.14        | 74.0           | -21.55          | Peak     | 90.00          | 150         | Horizontal | Pass    |
| 4** | 7459.750        | 44.85            | 1.14        | 54.0           | -9.15           | AV       | 90.00          | 150         | Horizontal | Pass    |
| 5   | 12647.638       | 49.47            | -2.31       | 74.0           | -24.53          | Peak     | 276.00         | 150         | Horizontal | Pass    |
| 5** | 12647.638       | 40.27            | -2.31       | 54.0           | -13.73          | AV       | 276.00         | 150         | Horizontal | Pass    |
| 6   | 16188.225       | 52.05            | -0.44       | 74.0           | -21.95          | Peak     | 322.00         | 150         | Horizontal | Pass    |
| 6** | 16188.225       | 42.43            | -0.44       | 54.0           | -11.57          | AV       | 322.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1473.700        | 37.84            | -17.40      | 74.0           | -36.16          | Peak     | 347.00         | 150         | Vertical | Pass    |
| 1** | 1473.700        | 28.68            | -17.40      | 54.0           | -25.32          | AV       | 347.00         | 150         | Vertical | Pass    |
| 2   | 4254.000        | 47.71            | -4.88       | 74.0           | -26.29          | Peak     | 293.00         | 200         | Vertical | Pass    |
| 2** | 4254.000        | 38.47            | -4.88       | 54.0           | -15.53          | AV       | 293.00         | 200         | Vertical | Pass    |
| 3   | 5827.250        | 98.34            | -2.96       | --             | --              | Peak     | 197.00         | 150         | Vertical | N/A     |
| 3** | 5827.250        | 91.42            | -2.96       | --             | --              | AV       | 197.00         | 150         | Vertical | N/A     |
| 4   | 7513.750        | 53.02            | 0.71        | 74.0           | -20.98          | Peak     | 224.00         | 150         | Vertical | Pass    |
| 4** | 7513.750        | 43.63            | 0.71        | 54.0           | -10.37          | AV       | 224.00         | 150         | Vertical | Pass    |
| 5   | 12446.000       | 49.75            | -2.21       | 74.0           | -24.25          | Peak     | 310.00         | 250         | Vertical | Pass    |
| 5** | 12446.000       | 40.76            | -2.21       | 54.0           | -13.24          | AV       | 310.00         | 250         | Vertical | Pass    |
| 6   | 16154.100       | 52.77            | -0.47       | 74.0           | -21.23          | Peak     | 232.00         | 400         | Vertical | Pass    |
| 6** | 16154.100       | 42.92            | -0.47       | 54.0           | -11.08          | AV       | 232.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1574.700        | 37.48            | -17.46      | 74.0           | -36.52          | Peak     | 166.00         | 150         | Horizontal | Pass    |
| 1** | 1574.700        | 28.17            | -17.46      | 54.0           | -25.83          | AV       | 166.00         | 150         | Horizontal | Pass    |
| 2   | 4319.750        | 47.81            | -4.60       | 74.0           | -26.19          | Peak     | 135.00         | 150         | Horizontal | Pass    |
| 2** | 4319.750        | 38.97            | -4.60       | 54.0           | -15.03          | AV       | 135.00         | 150         | Horizontal | Pass    |
| 3   | 5757.500        | 101.89           | -2.53       | --             | --              | Peak     | 30.00          | 150         | Horizontal | N/A     |
| 3** | 5757.500        | 94.87            | -2.53       | --             | --              | AV       | 30.00          | 150         | Horizontal | N/A     |
| 4   | 7519.500        | 52.72            | 0.83        | 74.0           | -21.28          | Peak     | 241.00         | 150         | Horizontal | Pass    |
| 4** | 7519.500        | 43.81            | 0.83        | 54.0           | -10.19          | AV       | 241.00         | 150         | Horizontal | Pass    |
| 5   | 12687.776       | 49.83            | -2.33       | 74.0           | -24.17          | Peak     | 56.00          | 150         | Horizontal | Pass    |
| 5** | 12687.776       | 40.51            | -2.33       | 54.0           | -13.49          | AV       | 56.00          | 150         | Horizontal | Pass    |
| 6   | 16137.825       | 51.82            | -0.59       | 74.0           | -22.18          | Peak     | 322.00         | 350         | Horizontal | Pass    |
| 6** | 16137.825       | 42.47            | -0.59       | 54.0           | -11.53          | AV       | 322.00         | 350         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1565.600        | 37.67            | -17.58      | 74.0           | -36.33          | Peak     | 63.00          | 150         | Vertical | Pass    |
| 1** | 1565.600        | 27.65            | -17.58      | 54.0           | -26.35          | AV       | 63.00          | 150         | Vertical | Pass    |
| 2   | 4287.500        | 48.02            | -4.50       | 74.0           | -25.98          | Peak     | 285.00         | 200         | Vertical | Pass    |
| 2** | 4287.500        | 38.38            | -4.50       | 54.0           | -15.62          | AV       | 285.00         | 200         | Vertical | Pass    |
| 3   | 5757.500        | 94.54            | -2.53       | --             | --              | Peak     | 197.00         | 150         | Vertical | N/A     |
| 3** | 5757.500        | 86.98            | -2.53       | --             | --              | AV       | 197.00         | 150         | Vertical | N/A     |
| 4   | 7518.750        | 53.00            | 0.87        | 74.0           | -21.00          | Peak     | 160.00         | 150         | Vertical | Pass    |
| 4** | 7518.750        | 43.69            | 0.87        | 54.0           | -10.31          | AV       | 160.00         | 150         | Vertical | Pass    |
| 5   | 12667.588       | 49.49            | -2.31       | 74.0           | -24.51          | Peak     | 7.00           | 150         | Vertical | Pass    |
| 5** | 12667.588       | 40.01            | -2.31       | 54.0           | -13.99          | AV       | 7.00           | 150         | Vertical | Pass    |
| 6   | 16171.688       | 51.95            | -0.45       | 74.0           | -22.05          | Peak     | 1.00           | 150         | Vertical | Pass    |
| 6** | 16171.688       | 43.37            | -0.45       | 54.0           | -10.63          | AV       | 1.00           | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1441.900        | 37.57            | -17.26      | 74.0           | -36.43          | Peak     | 45.00          | 150         | Horizontal | Pass    |
| 1** | 1441.900        | 28.65            | -17.26      | 54.0           | -25.35          | AV       | 45.00          | 150         | Horizontal | Pass    |
| 2   | 4361.250        | 47.75            | -4.29       | 74.0           | -26.25          | Peak     | 136.00         | 350         | Horizontal | Pass    |
| 2** | 4361.250        | 38.04            | -4.29       | 54.0           | -15.96          | AV       | 136.00         | 350         | Horizontal | Pass    |
| 3   | 5792.500        | 102.24           | -3.27       | --             | --              | Peak     | 29.00          | 150         | Horizontal | N/A     |
| 3** | 5792.500        | 95.10            | -3.27       | --             | --              | AV       | 29.00          | 150         | Horizontal | N/A     |
| 4   | 7714.250        | 52.76            | 1.03        | 74.0           | -21.24          | Peak     | 56.00          | 150         | Horizontal | Pass    |
| 4** | 7714.250        | 42.86            | 1.03        | 54.0           | -11.14          | AV       | 56.00          | 150         | Horizontal | Pass    |
| 5   | 11181.075       | 50.08            | -4.19       | 74.0           | -23.92          | Peak     | 238.00         | 150         | Horizontal | Pass    |
| 5** | 11181.075       | 39.35            | -4.19       | 54.0           | -14.65          | AV       | 238.00         | 150         | Horizontal | Pass    |
| 6   | 16183.500       | 51.81            | -0.45       | 74.0           | -22.19          | Peak     | 97.00          | 150         | Horizontal | Pass    |
| 6** | 16183.500       | 43.27            | -0.45       | 54.0           | -10.73          | AV       | 97.00          | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1441.600        | 37.66            | -17.27      | 74.0           | -36.34          | Peak     | 143.00         | 150         | Vertical | Pass    |
| 1** | 1441.600        | 28.65            | -17.27      | 54.0           | -25.35          | AV       | 143.00         | 150         | Vertical | Pass    |
| 2   | 4383.000        | 47.60            | -3.95       | 74.0           | -26.40          | Peak     | 178.00         | 150         | Vertical | Pass    |
| 2** | 4383.000        | 38.77            | -3.95       | 54.0           | -15.23          | AV       | 178.00         | 150         | Vertical | Pass    |
| 3   | 5793.500        | 94.31            | -3.30       | --             | --              | Peak     | 205.00         | 150         | Vertical | N/A     |
| 3** | 5793.500        | 87.31            | -3.30       | --             | --              | AV       | 205.00         | 150         | Vertical | N/A     |
| 4   | 7443.250        | 52.87            | 0.43        | 74.0           | -21.13          | Peak     | 28.00          | 150         | Vertical | Pass    |
| 4** | 7443.250        | 42.72            | 0.43        | 54.0           | -11.28          | AV       | 28.00          | 150         | Vertical | Pass    |
| 5   | 11431.875       | 49.72            | -4.00       | 74.0           | -24.28          | Peak     | 142.00         | 150         | Vertical | Pass    |
| 5** | 11431.875       | 39.30            | -4.00       | 54.0           | -14.70          | AV       | 142.00         | 150         | Vertical | Pass    |
| 6   | 16173.787       | 52.30            | -0.45       | 74.0           | -21.70          | Peak     | 100.00         | 150         | Vertical | Pass    |
| 6** | 16173.787       | 42.90            | -0.45       | 54.0           | -11.10          | AV       | 100.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1528.000        | 38.04            | -17.63      | 74.0           | -35.96          | Peak     | 84.00          | 150         | Horizontal | Pass    |
| 1** | 1528.000        | 28.32            | -17.63      | 54.0           | -25.68          | AV       | 84.00          | 150         | Horizontal | Pass    |
| 2   | 4353.000        | 47.16            | -4.44       | 74.0           | -26.84          | Peak     | 110.00         | 300         | Horizontal | Pass    |
| 2** | 4353.000        | 39.98            | -4.44       | 54.0           | -14.02          | AV       | 110.00         | 300         | Horizontal | Pass    |
| 3   | 5743.500        | 104.37           | -3.01       | --             | --              | Peak     | 30.00          | 150         | Horizontal | N/A     |
| 3** | 5743.500        | 96.39            | -3.01       | --             | --              | AV       | 30.00          | 150         | Horizontal | N/A     |
| 4   | 7449.750        | 52.76            | 0.62        | 74.0           | -21.24          | Peak     | 233.00         | 150         | Horizontal | Pass    |
| 4** | 7449.750        | 44.15            | 0.62        | 54.0           | -9.85           | AV       | 233.00         | 150         | Horizontal | Pass    |
| 5   | 12461.674       | 49.89            | -2.23       | 74.0           | -24.11          | Peak     | 202.00         | 250         | Horizontal | Pass    |
| 5** | 12461.674       | 40.57            | -2.23       | 54.0           | -13.43          | AV       | 202.00         | 250         | Horizontal | Pass    |
| 6   | 16177.463       | 51.60            | -0.45       | 74.0           | -22.40          | Peak     | 217.00         | 150         | Horizontal | Pass    |
| 6** | 16177.463       | 43.32            | -0.45       | 54.0           | -10.68          | AV       | 217.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1575.300        | 38.37            | -17.46      | 74.0           | -35.63          | Peak     | 205.00         | 250         | Vertical | Pass    |
| 1** | 1575.300        | 28.27            | -17.46      | 54.0           | -25.73          | AV       | 205.00         | 250         | Vertical | Pass    |
| 2   | 4371.250        | 47.65            | -4.19       | 74.0           | -26.35          | Peak     | 327.00         | 350         | Vertical | Pass    |
| 2** | 4371.250        | 38.10            | -4.19       | 54.0           | -15.90          | AV       | 327.00         | 350         | Vertical | Pass    |
| 3   | 5744.000        | 96.59            | -2.97       | --             | --              | Peak     | 206.00         | 150         | Vertical | N/A     |
| 3** | 5744.000        | 89.12            | -2.97       | --             | --              | AV       | 206.00         | 150         | Vertical | N/A     |
| 4   | 7462.250        | 52.46            | 1.10        | 74.0           | -21.54          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 4** | 7462.250        | 43.72            | 1.10        | 54.0           | -10.28          | AV       | 0.00           | 150         | Vertical | Pass    |
| 5   | 12645.975       | 49.44            | -2.32       | 74.0           | -24.56          | Peak     | 194.00         | 150         | Vertical | Pass    |
| 5** | 12645.975       | 39.90            | -2.32       | 54.0           | -14.10          | AV       | 194.00         | 150         | Vertical | Pass    |
| 6   | 16161.188       | 52.10            | -0.46       | 74.0           | -21.90          | Peak     | 172.00         | 150         | Vertical | Pass    |
| 6** | 16161.188       | 42.86            | -0.46       | 54.0           | -11.14          | AV       | 172.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1495.200        | 37.92            | -17.43      | 74.0           | -36.08          | Peak     | 180.00         | 150         | Horizontal | Pass    |
| 1** | 1495.200        | 28.14            | -17.43      | 54.0           | -25.86          | AV       | 180.00         | 150         | Horizontal | Pass    |
| 2   | 4366.500        | 47.40            | -4.13       | 74.0           | -26.60          | Peak     | 169.00         | 300         | Horizontal | Pass    |
| 2** | 4366.500        | 38.19            | -4.13       | 54.0           | -15.81          | AV       | 169.00         | 300         | Horizontal | Pass    |
| 3   | 5783.000        | 104.30           | -3.17       | --             | --              | Peak     | 38.00          | 150         | Horizontal | N/A     |
| 3** | 5783.000        | 96.37            | -3.17       | --             | --              | AV       | 38.00          | 150         | Horizontal | N/A     |
| 4   | 7460.250        | 53.13            | 1.14        | 74.0           | -20.87          | Peak     | 281.00         | 150         | Horizontal | Pass    |
| 4** | 7460.250        | 43.72            | 1.14        | 54.0           | -10.28          | AV       | 281.00         | 150         | Horizontal | Pass    |
| 5   | 12427.000       | 49.01            | -2.50       | 74.0           | -24.99          | Peak     | 182.00         | 150         | Horizontal | Pass    |
| 5** | 12427.000       | 39.13            | -2.50       | 54.0           | -14.87          | AV       | 182.00         | 150         | Horizontal | Pass    |
| 6   | 15828.076       | 52.20            | -0.74       | 74.0           | -21.80          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 6** | 15828.076       | 41.48            | -0.74       | 54.0           | -12.52          | AV       | 360.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1449.200        | 37.57            | -17.28      | 74.0           | -36.43          | Peak     | 90.00          | 150         | Vertical | Pass    |
| 1** | 1449.200        | 28.08            | -17.28      | 54.0           | -25.92          | AV       | 90.00          | 150         | Vertical | Pass    |
| 2   | 4222.000        | 47.67            | -5.43       | 74.0           | -26.33          | Peak     | 171.00         | 400         | Vertical | Pass    |
| 2** | 4222.000        | 37.43            | -5.43       | 54.0           | -16.57          | AV       | 171.00         | 400         | Vertical | Pass    |
| 3   | 5786.250        | 97.63            | -3.10       | --             | --              | Peak     | 196.00         | 150         | Vertical | N/A     |
| 3** | 5786.250        | 89.41            | -3.10       | --             | --              | AV       | 196.00         | 150         | Vertical | N/A     |
| 4   | 7702.000        | 52.67            | 1.80        | 74.0           | -21.33          | Peak     | 187.00         | 350         | Vertical | Pass    |
| 4** | 7702.000        | 43.46            | 1.80        | 54.0           | -10.54          | AV       | 187.00         | 350         | Vertical | Pass    |
| 5   | 11956.987       | 49.22            | -3.64       | 74.0           | -24.78          | Peak     | 118.00         | 150         | Vertical | Pass    |
| 5** | 11956.987       | 38.99            | -3.64       | 54.0           | -15.01          | AV       | 118.00         | 150         | Vertical | Pass    |
| 6   | 16189.013       | 51.93            | -0.44       | 74.0           | -22.07          | Peak     | 142.00         | 250         | Vertical | Pass    |
| 6** | 16189.013       | 42.71            | -0.44       | 54.0           | -11.29          | AV       | 142.00         | 250         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1481.200        | 37.33            | -17.28      | 74.0           | -36.67          | Peak     | 230.00         | 150         | Horizontal | Pass    |
| 1** | 1481.200        | 28.22            | -17.28      | 54.0           | -25.78          | AV       | 230.00         | 150         | Horizontal | Pass    |
| 2   | 4216.000        | 47.83            | -5.64       | 74.0           | -26.17          | Peak     | 83.00          | 150         | Horizontal | Pass    |
| 2** | 4216.000        | 37.31            | -5.64       | 54.0           | -16.69          | AV       | 83.00          | 150         | Horizontal | Pass    |
| 3   | 5826.500        | 104.49           | -2.94       | --             | --              | Peak     | 38.00          | 150         | Horizontal | N/A     |
| 3** | 5826.500        | 96.92            | -2.94       | --             | --              | AV       | 38.00          | 150         | Horizontal | N/A     |
| 4   | 7732.750        | 52.59            | -0.22       | 74.0           | -21.41          | Peak     | 222.00         | 150         | Horizontal | Pass    |
| 4** | 7732.750        | 42.04            | -0.22       | 54.0           | -11.96          | AV       | 222.00         | 150         | Horizontal | Pass    |
| 5   | 11202.213       | 49.40            | -4.06       | 74.0           | -24.60          | Peak     | 219.00         | 150         | Horizontal | Pass    |
| 5** | 11202.213       | 39.16            | -4.06       | 54.0           | -14.84          | AV       | 219.00         | 150         | Horizontal | Pass    |
| 6   | 16172.474       | 51.49            | -0.45       | 74.0           | -22.51          | Peak     | 231.00         | 150         | Horizontal | Pass    |
| 6** | 16172.474       | 42.90            | -0.45       | 54.0           | -11.10          | AV       | 231.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1625.100        | 37.83            | -17.63      | 74.0           | -36.17          | Peak     | 38.00          | 150         | Vertical | Pass    |
| 1** | 1625.100        | 28.23            | -17.63      | 54.0           | -25.77          | AV       | 38.00          | 150         | Vertical | Pass    |
| 2   | 4360.500        | 48.06            | -4.33       | 74.0           | -25.94          | Peak     | 360.00         | 100         | Vertical | Pass    |
| 2** | 4360.500        | 39.10            | -4.33       | 54.0           | -14.90          | AV       | 360.00         | 100         | Vertical | Pass    |
| 3   | 5826.250        | 97.73            | -2.97       | --             | --              | Peak     | 212.00         | 150         | Vertical | N/A     |
| 3** | 5826.250        | 90.43            | -2.97       | --             | --              | AV       | 212.00         | 150         | Vertical | N/A     |
| 4   | 7515.750        | 53.44            | 0.90        | 74.0           | -20.56          | Peak     | 74.00          | 200         | Vertical | Pass    |
| 4** | 7515.750        | 43.75            | 0.90        | 54.0           | -10.25          | AV       | 74.00          | 200         | Vertical | Pass    |
| 5   | 12444.100       | 49.80            | -2.24       | 74.0           | -24.20          | Peak     | 24.00          | 150         | Vertical | Pass    |
| 5** | 12444.100       | 39.92            | -2.24       | 54.0           | -14.08          | AV       | 24.00          | 150         | Vertical | Pass    |
| 6   | 16039.388       | 51.76            | -0.11       | 74.0           | -22.24          | Peak     | 25.00          | 150         | Vertical | Pass    |
| 6** | 16039.388       | 42.25            | -0.11       | 54.0           | -11.75          | AV       | 25.00          | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1471.200        | 37.62            | -17.50      | 74.0           | -36.38          | Peak     | 276.00         | 150         | Horizontal | Pass    |
| 1** | 1471.200        | 28.01            | -17.50      | 54.0           | -25.99          | AV       | 276.00         | 150         | Horizontal | Pass    |
| 2   | 4360.000        | 47.87            | -4.27       | 74.0           | -26.13          | Peak     | 206.00         | 200         | Horizontal | Pass    |
| 2** | 4360.000        | 38.73            | -4.27       | 54.0           | -15.27          | AV       | 206.00         | 200         | Horizontal | Pass    |
| 3   | 5757.750        | 101.94           | -2.50       | --             | --              | Peak     | 31.00          | 150         | Horizontal | N/A     |
| 3** | 5757.750        | 94.40            | -2.50       | --             | --              | AV       | 31.00          | 150         | Horizontal | N/A     |
| 4   | 7529.500        | 52.63            | 0.79        | 74.0           | -21.37          | Peak     | 4.00           | 150         | Horizontal | Pass    |
| 4** | 7529.500        | 42.58            | 0.79        | 54.0           | -11.42          | AV       | 4.00           | 150         | Horizontal | Pass    |
| 5   | 12518.200       | 49.14            | -2.35       | 74.0           | -24.86          | Peak     | 254.00         | 350         | Horizontal | Pass    |
| 5** | 12518.200       | 39.22            | -2.35       | 54.0           | -14.78          | AV       | 254.00         | 350         | Horizontal | Pass    |
| 6   | 16155.675       | 52.45            | -0.46       | 74.0           | -21.55          | Peak     | 303.00         | 150         | Horizontal | Pass    |
| 6** | 16155.675       | 43.02            | -0.46       | 54.0           | -10.98          | AV       | 303.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1499.200        | 37.60            | -17.29      | 74.0           | -36.40          | Peak     | 305.00         | 150         | Vertical | Pass    |
| 1** | 1499.200        | 28.47            | -17.29      | 54.0           | -25.53          | AV       | 305.00         | 150         | Vertical | Pass    |
| 2   | 4319.000        | 48.44            | -4.59       | 74.0           | -25.56          | Peak     | 360.00         | 200         | Vertical | Pass    |
| 2** | 4319.000        | 38.48            | -4.59       | 54.0           | -15.52          | AV       | 360.00         | 200         | Vertical | Pass    |
| 3   | 5748.250        | 94.86            | -3.06       | --             | --              | Peak     | 206.00         | 150         | Vertical | N/A     |
| 3** | 5748.250        | 85.09            | -3.06       | --             | --              | AV       | 206.00         | 150         | Vertical | N/A     |
| 4   | 7515.500        | 53.15            | 0.88        | 74.0           | -20.85          | Peak     | 119.00         | 150         | Vertical | Pass    |
| 4** | 7515.500        | 43.59            | 0.88        | 54.0           | -10.41          | AV       | 119.00         | 150         | Vertical | Pass    |
| 5   | 12649.300       | 48.94            | -2.30       | 74.0           | -25.06          | Peak     | 13.00          | 150         | Vertical | Pass    |
| 5** | 12649.300       | 39.47            | -2.30       | 54.0           | -14.53          | AV       | 13.00          | 150         | Vertical | Pass    |
| 6   | 16174.576       | 51.70            | -0.45       | 74.0           | -22.30          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 6** | 16174.576       | 42.53            | -0.45       | 54.0           | -11.47          | AV       | 360.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1492.300        | 37.66            | -17.41      | 74.0           | -36.34          | Peak     | 34.00          | 150         | Horizontal | Pass    |
| 1** | 1492.300        | 28.75            | -17.41      | 54.0           | -25.25          | AV       | 34.00          | 150         | Horizontal | Pass    |
| 2   | 4357.000        | 48.32            | -4.21       | 74.0           | -25.68          | Peak     | 222.00         | 100         | Horizontal | Pass    |
| 2** | 4357.000        | 38.89            | -4.21       | 54.0           | -15.11          | AV       | 222.00         | 100         | Horizontal | Pass    |
| 3   | 5793.500        | 102.42           | -3.30       | --             | --              | Peak     | 31.00          | 150         | Horizontal | N/A     |
| 3** | 5793.500        | 94.80            | -3.30       | --             | --              | AV       | 31.00          | 150         | Horizontal | N/A     |
| 4   | 7465.750        | 52.56            | 0.81        | 74.0           | -21.44          | Peak     | 266.00         | 100         | Horizontal | Pass    |
| 4** | 7465.750        | 43.18            | 0.81        | 54.0           | -10.82          | AV       | 266.00         | 100         | Horizontal | Pass    |
| 5   | 12310.625       | 49.42            | -2.52       | 74.0           | -24.58          | Peak     | 71.00          | 150         | Horizontal | Pass    |
| 5** | 12310.625       | 40.00            | -2.52       | 54.0           | -14.00          | AV       | 71.00          | 150         | Horizontal | Pass    |
| 6   | 15710.474       | 51.69            | -0.12       | 74.0           | -22.31          | Peak     | 186.00         | 150         | Horizontal | Pass    |
| 6** | 15710.474       | 43.31            | -0.12       | 54.0           | -10.69          | AV       | 186.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1502.600        | 37.44            | -17.43      | 74.0           | -36.56          | Peak     | 126.00         | 150         | Vertical | Pass    |
| 1** | 1502.600        | 28.29            | -17.43      | 54.0           | -25.71          | AV       | 126.00         | 150         | Vertical | Pass    |
| 2   | 4368.000        | 48.26            | -4.16       | 74.0           | -25.74          | Peak     | 301.00         | 150         | Vertical | Pass    |
| 2** | 4368.000        | 38.80            | -4.16       | 54.0           | -15.20          | AV       | 301.00         | 150         | Vertical | Pass    |
| 3   | 5791.750        | 95.31            | -3.30       | --             | --              | Peak     | 204.00         | 150         | Vertical | N/A     |
| 3** | 5791.750        | 87.68            | -3.30       | --             | --              | AV       | 204.00         | 150         | Vertical | N/A     |
| 4   | 7533.750        | 52.70            | 0.75        | 74.0           | -21.30          | Peak     | 214.00         | 150         | Vertical | Pass    |
| 4** | 7533.750        | 43.15            | 0.75        | 54.0           | -10.85          | AV       | 214.00         | 150         | Vertical | Pass    |
| 5   | 12686.825       | 49.96            | -2.33       | 74.0           | -24.04          | Peak     | 255.00         | 150         | Vertical | Pass    |
| 5** | 12686.825       | 40.25            | -2.33       | 54.0           | -13.75          | AV       | 255.00         | 150         | Vertical | Pass    |
| 6   | 16153.838       | 52.42            | -0.47       | 74.0           | -21.58          | Peak     | 265.00         | 150         | Vertical | Pass    |
| 6** | 16153.838       | 43.53            | -0.47       | 54.0           | -10.47          | AV       | 265.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1584.000        | 38.10            | -17.41      | 74.0           | -35.90          | Peak     | 305.00         | 200         | Horizontal | Pass    |
| 1** | 1584.000        | 28.14            | -17.41      | 54.0           | -25.86          | AV       | 305.00         | 200         | Horizontal | Pass    |
| 2   | 4316.250        | 47.69            | -4.60       | 74.0           | -26.31          | Peak     | 172.00         | 350         | Horizontal | Pass    |
| 2** | 4316.250        | 38.44            | -4.60       | 54.0           | -15.56          | AV       | 172.00         | 350         | Horizontal | Pass    |
| 3   | 5781.000        | 99.58            | -2.99       | --             | --              | Peak     | 31.00          | 150         | Horizontal | N/A     |
| 3** | 5781.000        | 91.24            | -2.99       | --             | --              | AV       | 31.00          | 150         | Horizontal | N/A     |
| 4   | 7460.000        | 52.92            | 1.14        | 74.0           | -21.08          | Peak     | 268.00         | 150         | Horizontal | Pass    |
| 4** | 7460.000        | 44.35            | 1.14        | 54.0           | -9.65           | AV       | 268.00         | 150         | Horizontal | Pass    |
| 5   | 12531.500       | 50.19            | -2.26       | 74.0           | -23.81          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 5** | 12531.500       | 40.03            | -2.26       | 54.0           | -13.97          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 6   | 16184.287       | 51.90            | -0.45       | 74.0           | -22.10          | Peak     | 185.00         | 150         | Horizontal | Pass    |
| 6** | 16184.287       | 43.07            | -0.45       | 54.0           | -10.93          | AV       | 185.00         | 150         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1457.000        | 37.58            | -17.42      | 74.0           | -36.42          | Peak     | 340.00         | 150         | Vertical | Pass    |
| 1** | 1457.000        | 28.81            | -17.42      | 54.0           | -25.19          | AV       | 340.00         | 150         | Vertical | Pass    |
| 2   | 4362.500        | 48.03            | -4.21       | 74.0           | -25.97          | Peak     | 144.00         | 200         | Vertical | Pass    |
| 2** | 4362.500        | 38.62            | -4.21       | 54.0           | -15.38          | AV       | 144.00         | 200         | Vertical | Pass    |
| 3   | 5777.750        | 92.68            | -2.66       | --             | --              | Peak     | 258.00         | 150         | Vertical | N/A     |
| 3** | 5777.750        | 84.03            | -2.66       | --             | --              | AV       | 258.00         | 150         | Vertical | N/A     |
| 4   | 7461.750        | 52.55            | 1.11        | 74.0           | -21.45          | Peak     | 250.00         | 150         | Vertical | Pass    |
| 4** | 7461.750        | 44.17            | 1.11        | 54.0           | -9.83           | AV       | 250.00         | 150         | Vertical | Pass    |
| 5   | 12437.450       | 49.57            | -2.34       | 74.0           | -24.43          | Peak     | 195.00         | 150         | Vertical | Pass    |
| 5** | 12437.450       | 40.06            | -2.34       | 54.0           | -13.94          | AV       | 195.00         | 150         | Vertical | Pass    |
| 6   | 16155.938       | 51.88            | -0.46       | 74.0           | -22.12          | Peak     | 291.00         | 150         | Vertical | Pass    |
| 6** | 16155.938       | 42.98            | -0.46       | 54.0           | -11.02          | AV       | 291.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1579.600        | 37.47            | -17.61      | 74.0           | -36.53          | Peak     | 342.00         | 150         | Horizontal | Pass    |
| 1** | 1579.600        | 28.17            | -17.61      | 54.0           | -25.83          | AV       | 342.00         | 150         | Horizontal | Pass    |
| 2   | 4262.250        | 49.22            | -4.56       | 74.0           | -24.78          | Peak     | 347.00         | 100         | Horizontal | Pass    |
| 2** | 4262.250        | 38.49            | -4.56       | 54.0           | -15.51          | AV       | 347.00         | 100         | Horizontal | Pass    |
| 3   | 5721.750        | 107.73           | -2.89       | --             | --              | Peak     | 29.00          | 150         | Horizontal | N/A     |
| 3** | 5721.750        | 100.32           | -2.89       | --             | --              | AV       | 29.00          | 150         | Horizontal | N/A     |
| 4   | 7437.500        | 52.57            | 0.45        | 74.0           | -21.43          | Peak     | 207.00         | 150         | Horizontal | Pass    |
| 4** | 7437.500        | 43.70            | 0.45        | 54.0           | -10.30          | AV       | 207.00         | 150         | Horizontal | Pass    |
| 5   | 11803.563       | 50.01            | -3.51       | 74.0           | -23.99          | Peak     | 298.00         | 150         | Horizontal | Pass    |
| 5** | 11803.563       | 40.43            | -3.51       | 54.0           | -13.57          | AV       | 298.00         | 150         | Horizontal | Pass    |
| 6   | 16166.700       | 52.01            | -0.46       | 74.0           | -21.99          | Peak     | 307.00         | 150         | Horizontal | Pass    |
| 6** | 16166.700       | 43.25            | -0.46       | 54.0           | -10.75          | AV       | 307.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1590.300        | 37.68            | -17.69      | 74.0           | -36.32          | Peak     | 303.00         | 150         | Vertical | Pass    |
| 1** | 1590.300        | 27.28            | -17.69      | 54.0           | -26.72          | AV       | 303.00         | 150         | Vertical | Pass    |
| 2   | 4300.000        | 47.44            | -4.65       | 74.0           | -26.56          | Peak     | 356.00         | 100         | Vertical | Pass    |
| 2** | 4300.000        | 38.41            | -4.65       | 54.0           | -15.59          | AV       | 356.00         | 100         | Vertical | Pass    |
| 3   | 5718.250        | 100.19           | -2.65       | --             | --              | Peak     | 206.00         | 150         | Vertical | N/A     |
| 3** | 5718.250        | 92.67            | -2.65       | --             | --              | AV       | 206.00         | 150         | Vertical | N/A     |
| 4   | 7511.500        | 53.12            | 0.49        | 74.0           | -20.88          | Peak     | 21.00          | 150         | Vertical | Pass    |
| 4** | 7511.500        | 44.04            | 0.49        | 54.0           | -9.96           | AV       | 21.00          | 150         | Vertical | Pass    |
| 5   | 12428.425       | 49.35            | -2.48       | 74.0           | -24.65          | Peak     | 239.00         | 150         | Vertical | Pass    |
| 5** | 12428.425       | 40.17            | -2.48       | 54.0           | -13.83          | AV       | 239.00         | 150         | Vertical | Pass    |
| 6   | 16180.612       | 51.77            | -0.45       | 74.0           | -22.23          | Peak     | 202.00         | 150         | Vertical | Pass    |
| 6** | 16180.612       | 44.39            | -0.45       | 54.0           | -9.61           | AV       | 202.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1545.000        | 38.09            | -17.51      | 74.0           | -35.91          | Peak     | 99.00          | 150         | Horizontal | Pass    |
| 1** | 1545.000        | 28.57            | -17.51      | 54.0           | -25.43          | AV       | 99.00          | 150         | Horizontal | Pass    |
| 2   | 4386.500        | 48.26            | -4.04       | 74.0           | -25.74          | Peak     | 302.00         | 150         | Horizontal | Pass    |
| 2** | 4386.500        | 38.35            | -4.04       | 54.0           | -15.65          | AV       | 302.00         | 150         | Horizontal | Pass    |
| 3   | 5718.750        | 106.78           | -2.66       | --             | --              | Peak     | 28.00          | 150         | Horizontal | N/A     |
| 3** | 5718.750        | 99.34            | -2.66       | --             | --              | AV       | 28.00          | 150         | Horizontal | N/A     |
| 4   | 7516.000        | 53.82            | 0.93        | 74.0           | -20.18          | Peak     | 160.00         | 150         | Horizontal | Pass    |
| 4** | 7516.000        | 43.81            | 0.93        | 54.0           | -10.19          | AV       | 160.00         | 150         | Horizontal | Pass    |
| 5   | 11137.138       | 49.78            | -4.45       | 74.0           | -24.22          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 5** | 11137.138       | 39.84            | -4.45       | 54.0           | -14.16          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 6   | 16158.825       | 52.46            | -0.46       | 74.0           | -21.54          | Peak     | 83.00          | 150         | Horizontal | Pass    |
| 6** | 16158.825       | 43.29            | -0.46       | 54.0           | -10.71          | AV       | 83.00          | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1511.500        | 37.41            | -17.38      | 74.0           | -36.59          | Peak     | 156.00         | 350         | Vertical | Pass    |
| 1** | 1511.500        | 28.38            | -17.38      | 54.0           | -25.62          | AV       | 156.00         | 350         | Vertical | Pass    |
| 2   | 4306.500        | 48.30            | -4.17       | 74.0           | -25.70          | Peak     | 75.00          | 150         | Vertical | Pass    |
| 2** | 4306.500        | 39.92            | -4.17       | 54.0           | -14.08          | AV       | 75.00          | 150         | Vertical | Pass    |
| 3   | 5721.750        | 99.03            | -2.89       | --             | --              | Peak     | 199.00         | 150         | Vertical | N/A     |
| 3** | 5721.750        | 91.75            | -2.89       | --             | --              | AV       | 199.00         | 150         | Vertical | N/A     |
| 4   | 7510.250        | 53.14            | 0.54        | 74.0           | -20.86          | Peak     | 155.00         | 150         | Vertical | Pass    |
| 4** | 7510.250        | 44.42            | 0.54        | 54.0           | -9.58           | AV       | 155.00         | 150         | Vertical | Pass    |
| 5   | 12437.925       | 50.31            | -2.34       | 74.0           | -23.69          | Peak     | 325.00         | 150         | Vertical | Pass    |
| 5** | 12437.925       | 40.76            | -2.34       | 54.0           | -13.24          | AV       | 325.00         | 150         | Vertical | Pass    |
| 6   | 16178.250       | 52.50            | -0.45       | 74.0           | -21.50          | Peak     | 185.00         | 150         | Vertical | Pass    |
| 6** | 16178.250       | 43.63            | -0.45       | 54.0           | -10.37          | AV       | 185.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1511.600        | 38.29            | -17.38      | 74.0           | -35.71          | Peak     | 122.00         | 150         | Horizontal | Pass    |
| 1** | 1511.600        | 28.34            | -17.38      | 54.0           | -25.66          | AV       | 122.00         | 150         | Horizontal | Pass    |
| 2   | 4373.000        | 48.36            | -4.24       | 74.0           | -25.64          | Peak     | 55.00          | 200         | Horizontal | Pass    |
| 2** | 4373.000        | 38.87            | -4.24       | 54.0           | -15.13          | AV       | 55.00          | 200         | Horizontal | Pass    |
| 3   | 5721.250        | 107.29           | -2.82       | --             | --              | Peak     | 29.00          | 150         | Horizontal | N/A     |
| 3** | 5721.250        | 100.11           | -2.82       | --             | --              | AV       | 29.00          | 150         | Horizontal | N/A     |
| 4   | 7517.750        | 53.02            | 0.90        | 74.0           | -20.98          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 4** | 7517.750        | 43.75            | 0.90        | 54.0           | -10.25          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 5   | 10698.000       | 50.26            | -4.79       | 74.0           | -23.74          | Peak     | 7.00           | 150         | Horizontal | Pass    |
| 5** | 10698.000       | 40.31            | -4.79       | 54.0           | -13.69          | AV       | 7.00           | 150         | Horizontal | Pass    |
| 6   | 16170.375       | 51.49            | -0.46       | 74.0           | -22.51          | Peak     | 158.00         | 150         | Horizontal | Pass    |
| 6** | 16170.375       | 42.96            | -0.46       | 54.0           | -11.04          | AV       | 158.00         | 150         | Horizontal | Pass    |

## 11a20, U-NII-2C&amp;U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1497.100        | 38.14            | -17.31      | 74.0           | -35.86          | Peak     | 219.00         | 150         | Vertical | Pass    |
| 1** | 1497.100        | 28.70            | -17.31      | 54.0           | -25.30          | AV       | 219.00         | 150         | Vertical | Pass    |
| 2   | 4357.750        | 47.50            | -4.16       | 74.0           | -26.50          | Peak     | 155.00         | 200         | Vertical | Pass    |
| 2** | 4357.750        | 39.68            | -4.16       | 54.0           | -14.32          | AV       | 155.00         | 200         | Vertical | Pass    |
| 3   | 5719.000        | 99.26            | -2.67       | --             | --              | Peak     | 207.00         | 150         | Vertical | N/A     |
| 3** | 5719.000        | 92.60            | -2.67       | --             | --              | AV       | 207.00         | 150         | Vertical | N/A     |
| 4   | 7569.750        | 52.91            | -0.15       | 74.0           | -21.09          | Peak     | 260.00         | 150         | Vertical | Pass    |
| 4** | 7569.750        | 43.26            | -0.15       | 54.0           | -10.74          | AV       | 260.00         | 150         | Vertical | Pass    |
| 5   | 12450.750       | 49.41            | -2.16       | 74.0           | -24.59          | Peak     | 8.00           | 150         | Vertical | Pass    |
| 5** | 12450.750       | 39.94            | -2.16       | 54.0           | -14.06          | AV       | 8.00           | 150         | Vertical | Pass    |
| 6   | 16126.276       | 51.95            | -0.71       | 74.0           | -22.05          | Peak     | 68.00          | 150         | Vertical | Pass    |
| 6** | 16126.276       | 42.35            | -0.71       | 54.0           | -11.65          | AV       | 68.00          | 150         | Vertical | Pass    |

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

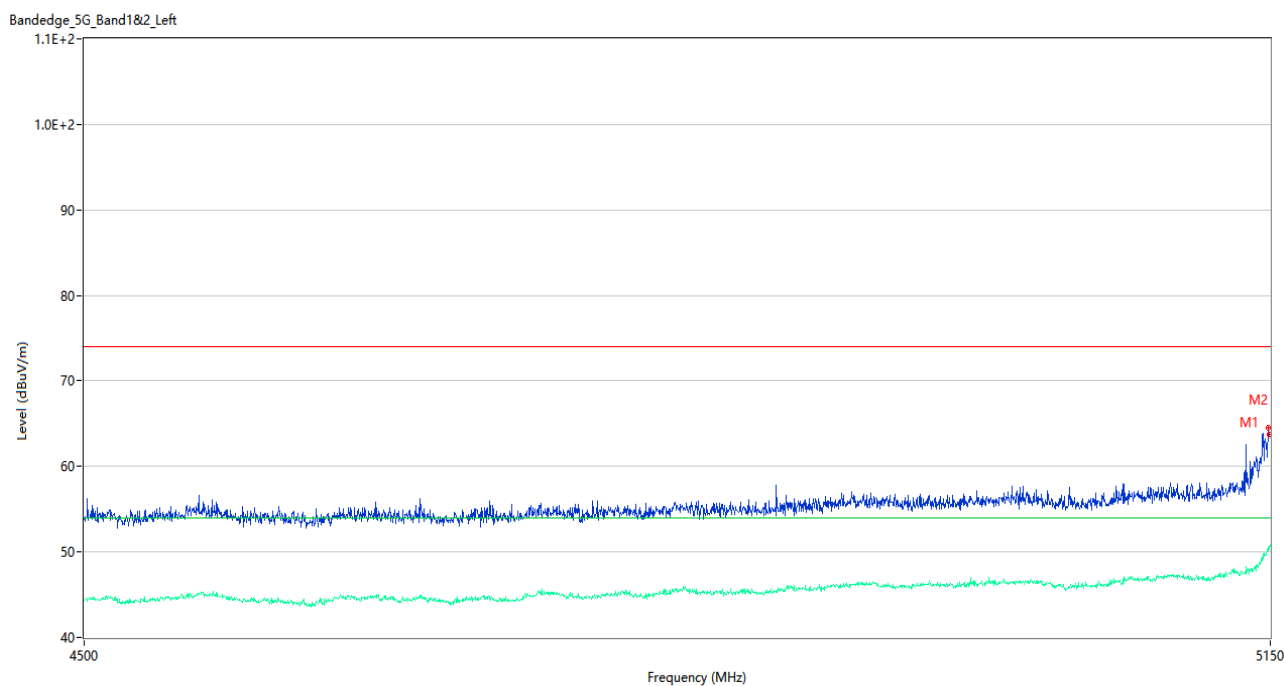
| Test Band | Mode            | Channel | Verdict |
|-----------|-----------------|---------|---------|
| U-NII-1   | 802.11a         | Low     | Pass    |
|           |                 | High    | Pass    |
|           | 802.11n(HT20)   | Low     | Pass    |
|           |                 | High    |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

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

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

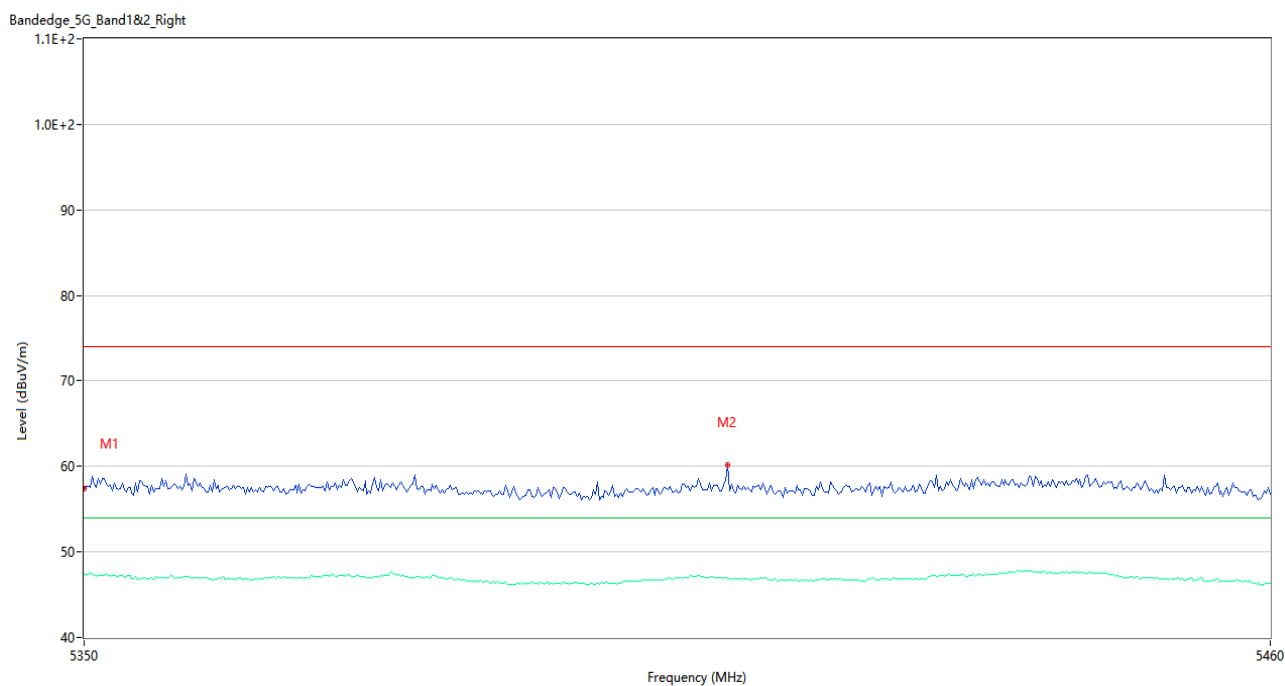
## Test Data and Plots

### U-NII-1 11a CH36



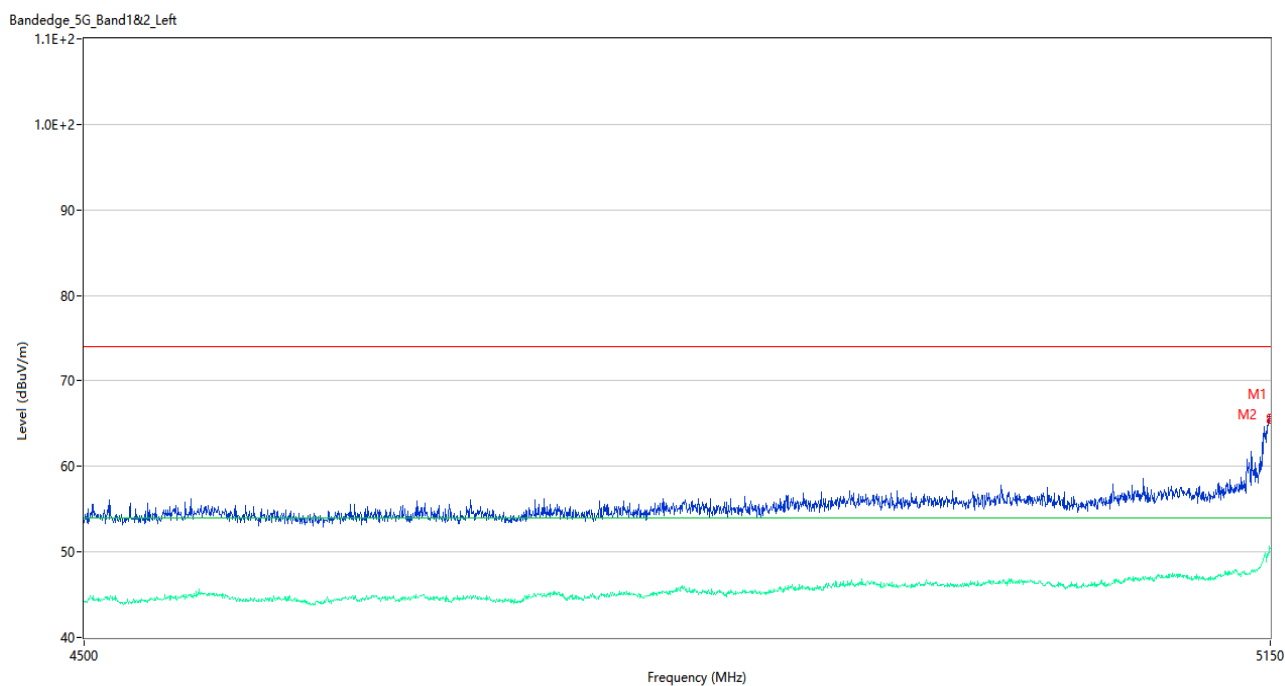
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5148.700        | 64.54            | 3.92        | 74.0           | -9.46           | Peak     | 144.00         | 150         | Horizontal | Pass    |
| 1** | 5148.700        | 50.16            | 3.92        | 54.0           | -3.84           | AV       | 144.00         | 150         | Horizontal | Pass    |
| 2   | 5149.675        | 63.74            | 3.94        | 74.0           | -10.26          | Peak     | 90.00          | 150         | Horizontal | Pass    |
| 2** | 5149.675        | 50.31            | 3.94        | 54.0           | -3.69           | AV       | 90.00          | 150         | Horizontal | Pass    |

## U-NII-1 11a CH48



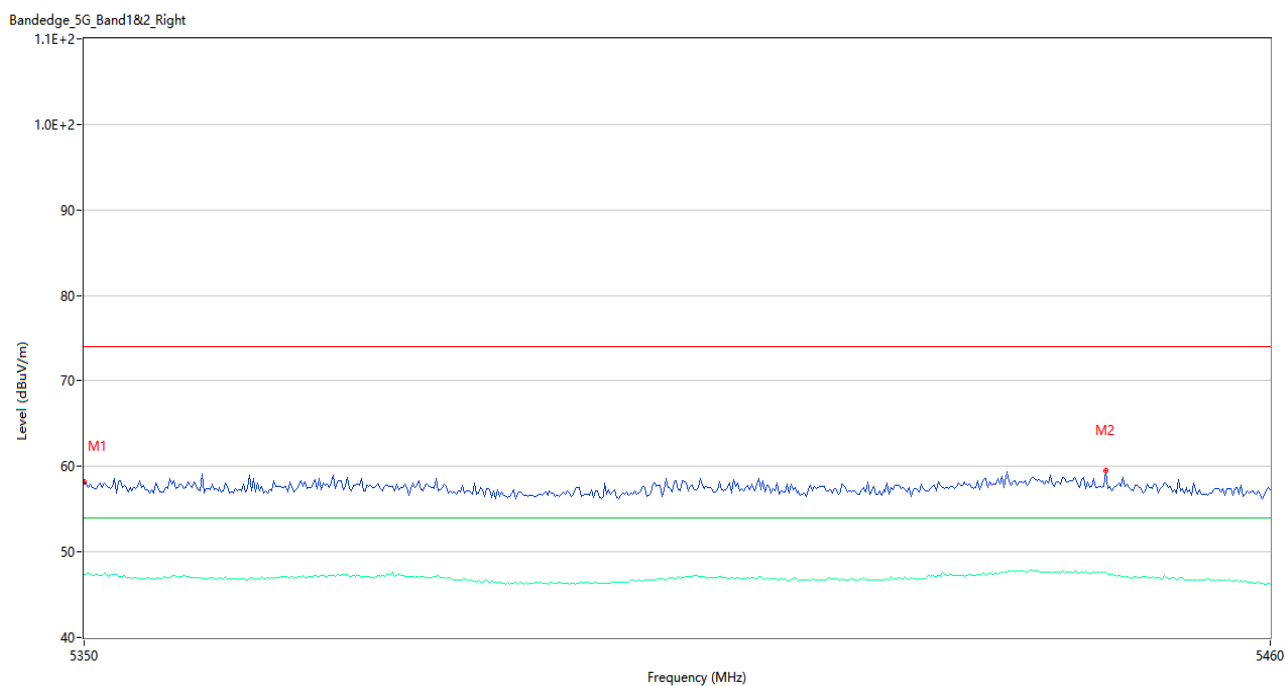
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 57.46            | 3.96        | 74.0           | -16.54          | Peak     | 3.00           | 150         | Horizontal | Pass    |
| 1** | 5350.000        | 47.39            | 3.96        | 54.0           | -6.61           | AV       | 3.00           | 150         | Horizontal | Pass    |
| 2   | 5409.400        | 60.16            | 3.94        | 74.0           | -13.84          | Peak     | 209.00         | 200         | Horizontal | Pass    |
| 2** | 5409.400        | 46.85            | 3.94        | 54.0           | -7.15           | AV       | 209.00         | 200         | Horizontal | Pass    |

## U-NII-1 11n20 CH36



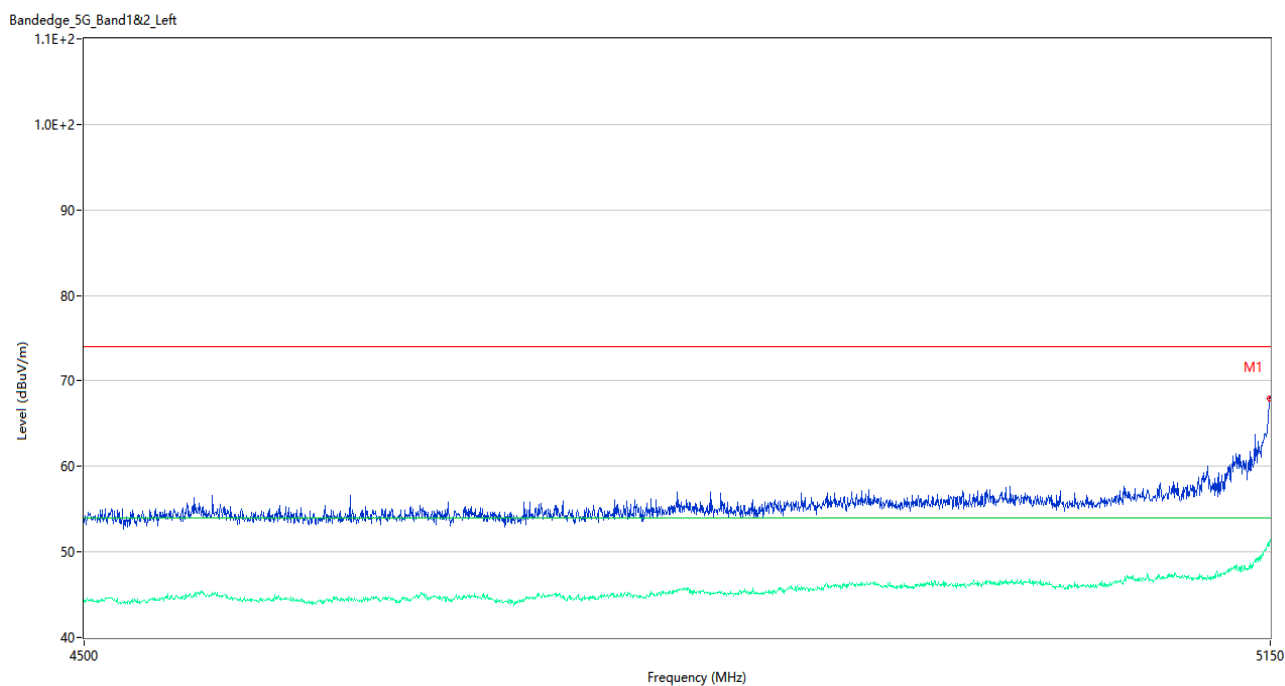
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5149.350        | 65.80            | 3.93        | 74.0           | -8.20           | Peak     | 141.00         | 200         | Horizontal | Pass    |
| 1** | 5149.350        | 49.87            | 3.93        | 54.0           | -4.13           | AV       | 141.00         | 200         | Horizontal | Pass    |
| 2   | 5149.675        | 65.32            | 3.94        | 74.0           | -8.68           | Peak     | 143.00         | 150         | Horizontal | Pass    |
| 2** | 5149.675        | 50.70            | 3.94        | 54.0           | -3.30           | AV       | 143.00         | 150         | Horizontal | Pass    |

## U-NII-1 11n20 CH48



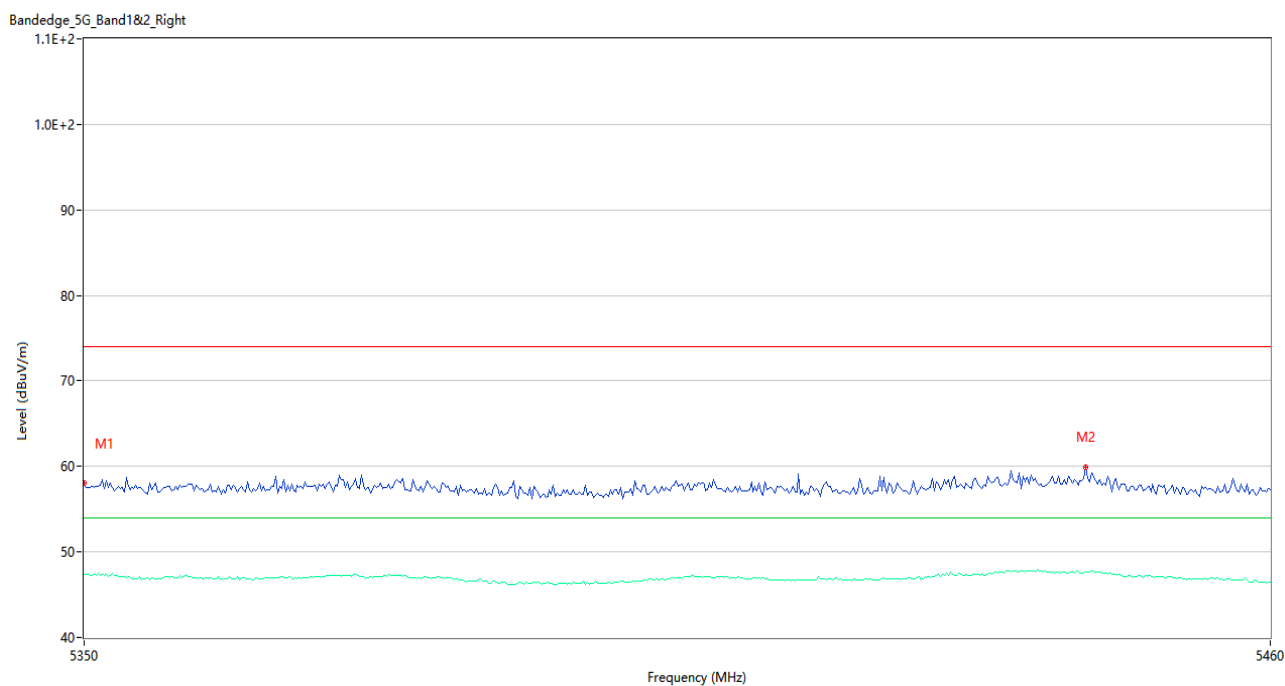
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 58.19            | 3.96        | 74.0           | -15.81          | Peak     | 212.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 47.32            | 3.96        | 54.0           | -6.68           | AV       | 212.00         | 200         | Horizontal | Pass    |
| 2   | 5444.600        | 59.48            | 4.90        | 74.0           | -14.52          | Peak     | 63.00          | 200         | Horizontal | Pass    |
| 2** | 5444.600        | 47.68            | 4.90        | 54.0           | -6.32           | AV       | 63.00          | 200         | Horizontal | Pass    |

## U-NII-1 11n40 CH38



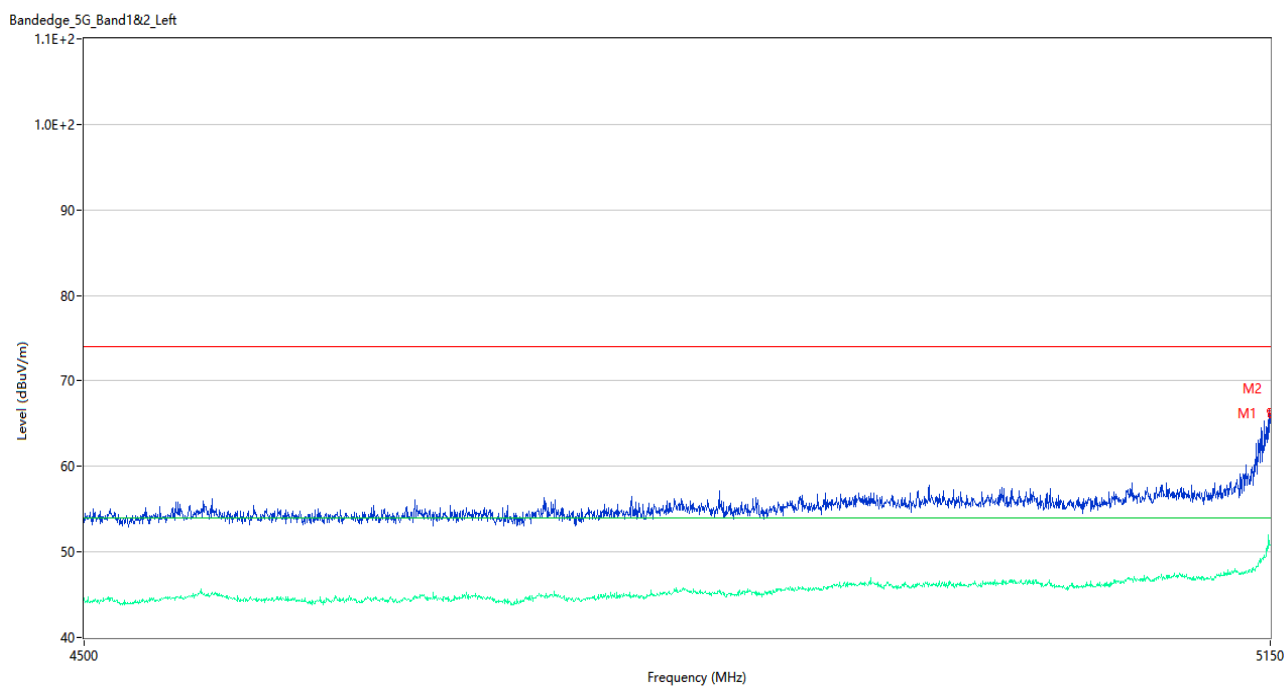
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5149.675        | 67.97            | 3.94        | 74.0           | -6.03           | Peak     | 17.00          | 200         | Horizontal | Pass    |
| 1** | 5149.675        | 50.73            | 3.94        | 54.0           | -3.27           | AV       | 17.00          | 200         | Horizontal | Pass    |

## U-NII-1 11n40 CH46



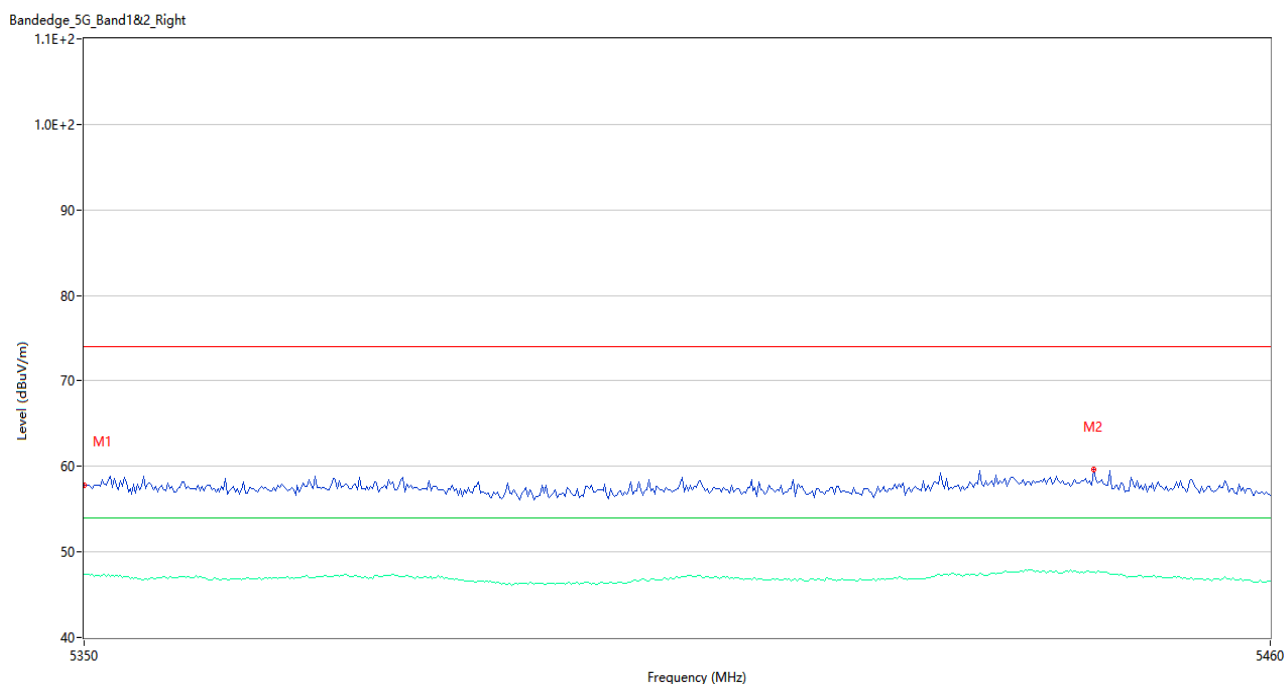
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 58.11            | 3.96        | 74.0           | -15.89          | Peak     | 41.00          | 150         | Horizontal | Pass    |
| 1** | 5350.000        | 47.33            | 3.96        | 54.0           | -6.67           | AV       | 41.00          | 150         | Horizontal | Pass    |
| 2   | 5442.767        | 59.89            | 4.97        | 74.0           | -14.11          | Peak     | 63.00          | 100         | Horizontal | Pass    |
| 2** | 5442.767        | 47.61            | 4.97        | 54.0           | -6.39           | AV       | 63.00          | 100         | Horizontal | Pass    |

## U-NII-1 11ac20 CH36



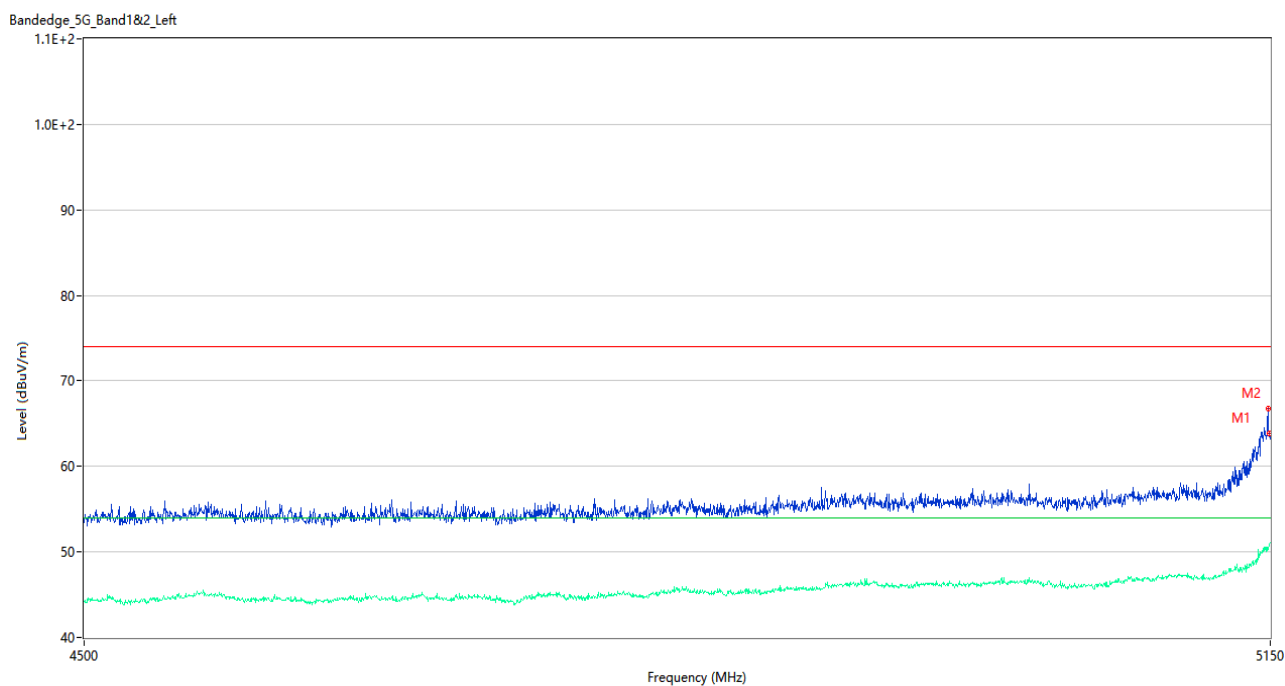
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5149.350        | 66.49            | 3.93        | 74.0           | -7.51           | Peak     | 20.00          | 200         | Horizontal | Pass    |
| 1** | 5149.350        | 50.86            | 3.93        | 54.0           | -3.14           | AV       | 20.00          | 200         | Horizontal | Pass    |
| 2   | 5150.000        | 65.92            | 3.94        | 74.0           | -8.08           | Peak     | 182.93         | 150         | Horizontal | Pass    |
| 2** | 5150.000        | 50.83            | 3.94        | 54.0           | -3.17           | AV       | 182.93         | 150         | Horizontal | Pass    |

## U-NII-1 11ac20 CH48



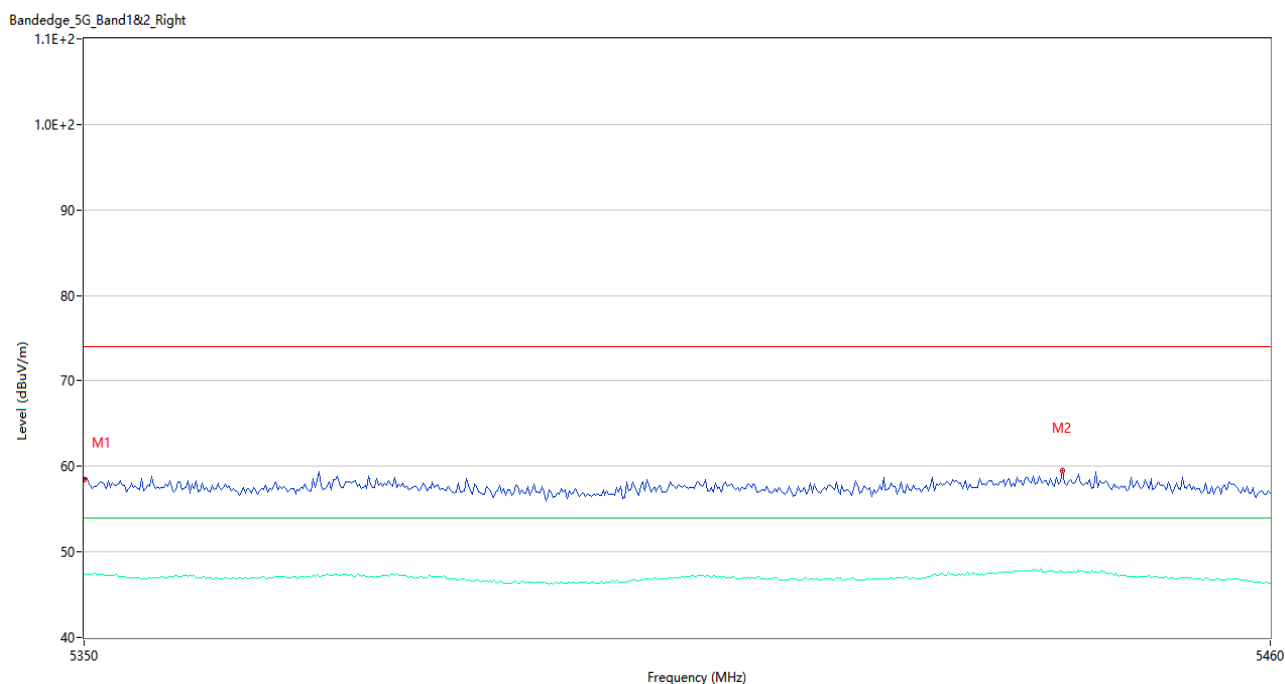
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 57.85            | 3.96        | 74.0           | -16.15          | Peak     | 313.00         | 150         | Horizontal | Pass    |
| 1** | 5350.000        | 47.41            | 3.96        | 54.0           | -6.59           | AV       | 313.00         | 150         | Horizontal | Pass    |
| 2   | 5443.500        | 59.62            | 4.97        | 74.0           | -14.38          | Peak     | 73.00          | 100         | Horizontal | Pass    |
| 2** | 5443.500        | 47.61            | 4.97        | 54.0           | -6.39           | AV       | 73.00          | 100         | Horizontal | Pass    |

## U-NII-1 11ac40 CH38



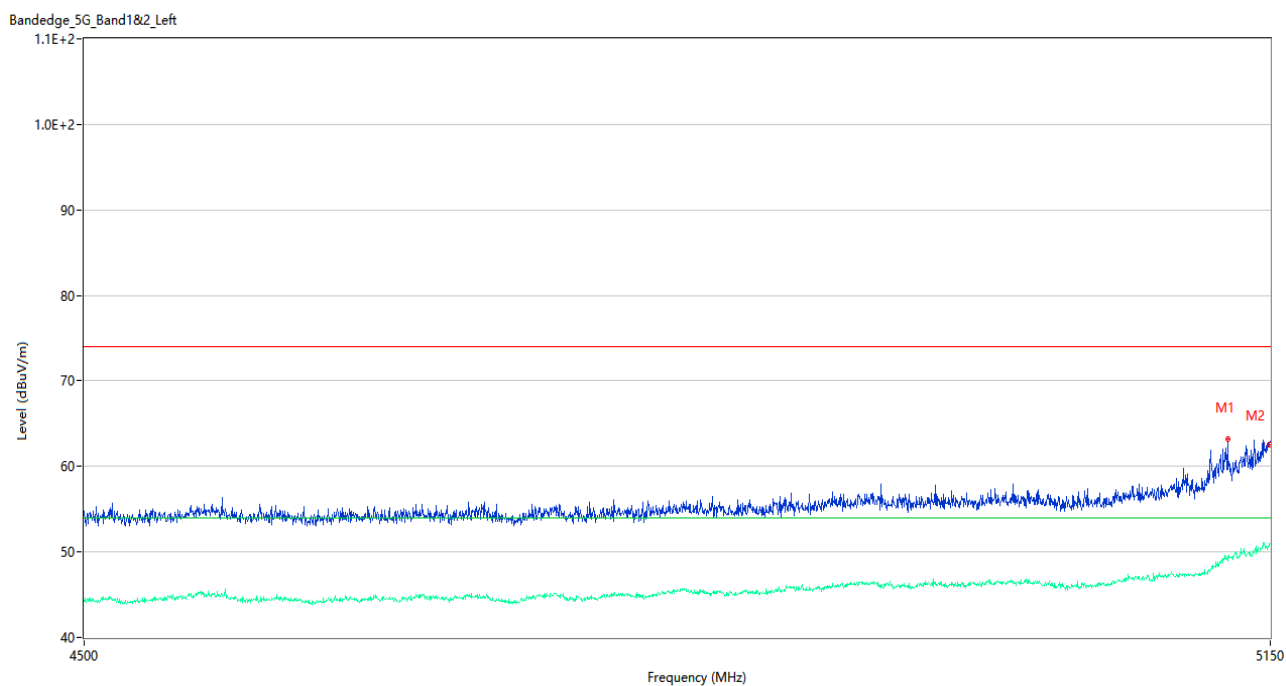
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5148.700        | 66.80            | 3.92        | 74.0           | -7.20           | Peak     | 186.00         | 200         | Horizontal | Pass    |
| 1** | 5148.700        | 50.28            | 3.92        | 54.0           | -3.72           | AV       | 186.00         | 200         | Horizontal | Pass    |
| 2   | 5149.675        | 63.92            | 3.94        | 74.0           | -10.08          | Peak     | 5.00           | 150         | Horizontal | Pass    |
| 2** | 5149.675        | 50.79            | 3.94        | 54.0           | -3.21           | AV       | 5.00           | 150         | Horizontal | Pass    |

## U-NII-1 11ac40 CH46



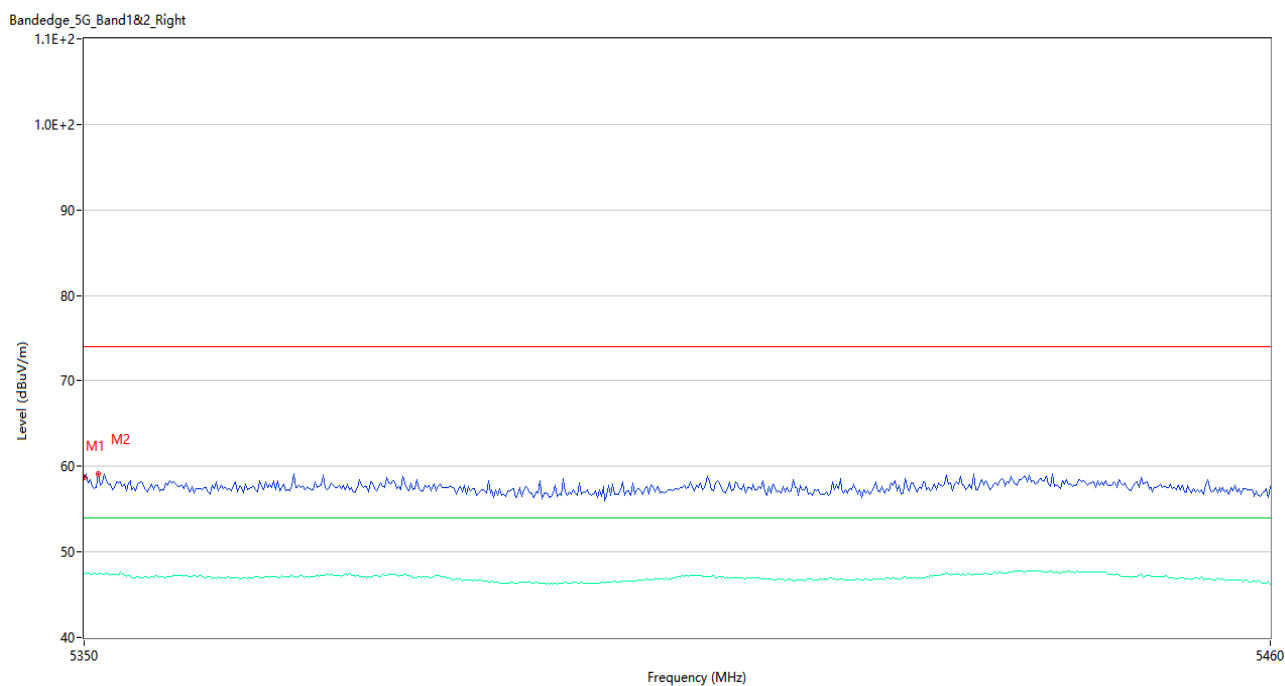
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 58.49            | 3.96        | 74.0           | -15.51          | Peak     | 105.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 47.41            | 3.96        | 54.0           | -6.59           | AV       | 105.00         | 100         | Horizontal | Pass    |
| 2   | 5440.567        | 59.55            | 4.94        | 74.0           | -14.45          | Peak     | 113.00         | 200         | Horizontal | Pass    |
| 2** | 5440.567        | 47.63            | 4.94        | 54.0           | -6.37           | AV       | 113.00         | 200         | Horizontal | Pass    |

## U-NII-1 11ac80 CH42



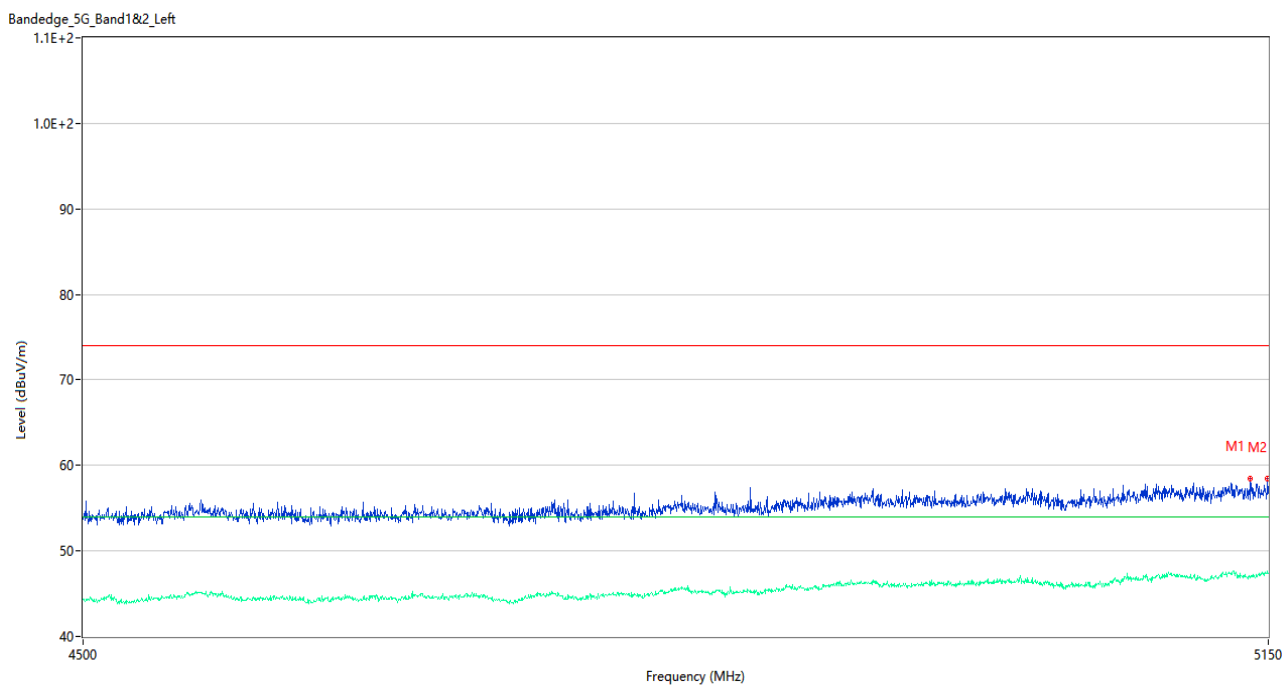
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5124.975        | 63.17            | 4.07        | 74.0           | -10.83          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 1** | 5124.975        | 49.02            | 4.07        | 54.0           | -4.98           | AV       | 0.00           | 150         | Horizontal | Pass    |
| 2   | 5149.675        | 62.50            | 3.94        | 74.0           | -11.50          | Peak     | 186.00         | 100         | Horizontal | Pass    |
| 2** | 5149.675        | 50.91            | 3.94        | 54.0           | -3.09           | AV       | 186.00         | 100         | Horizontal | Pass    |

## U-NII-1 11ac80 CH42



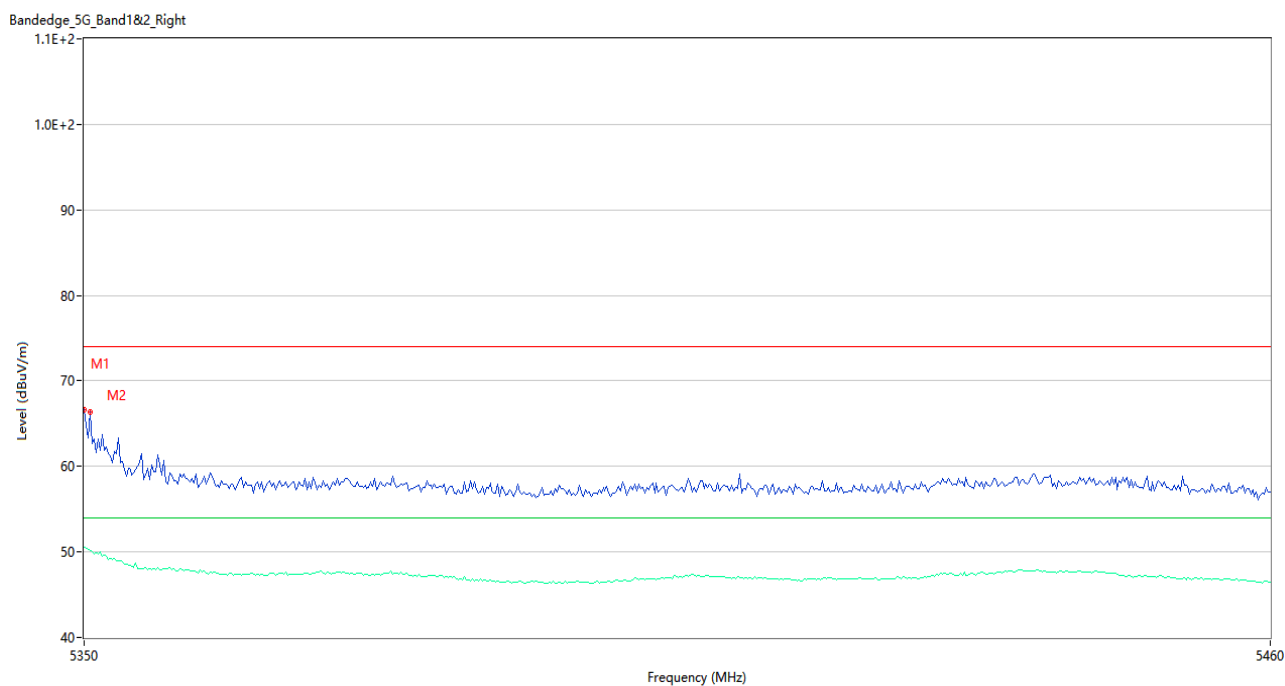
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 58.77            | 3.96        | 74.0           | -15.23          | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 47.41            | 3.96        | 54.0           | -6.59           | AV       | 0.00           | 200         | Horizontal | Pass    |
| 2   | 5351.283        | 59.17            | 3.94        | 74.0           | -14.83          | Peak     | 5.00           | 100         | Horizontal | Pass    |
| 2** | 5351.283        | 47.35            | 3.94        | 54.0           | -6.65           | AV       | 5.00           | 100         | Horizontal | Pass    |

## U-NII-2A 11a CH52



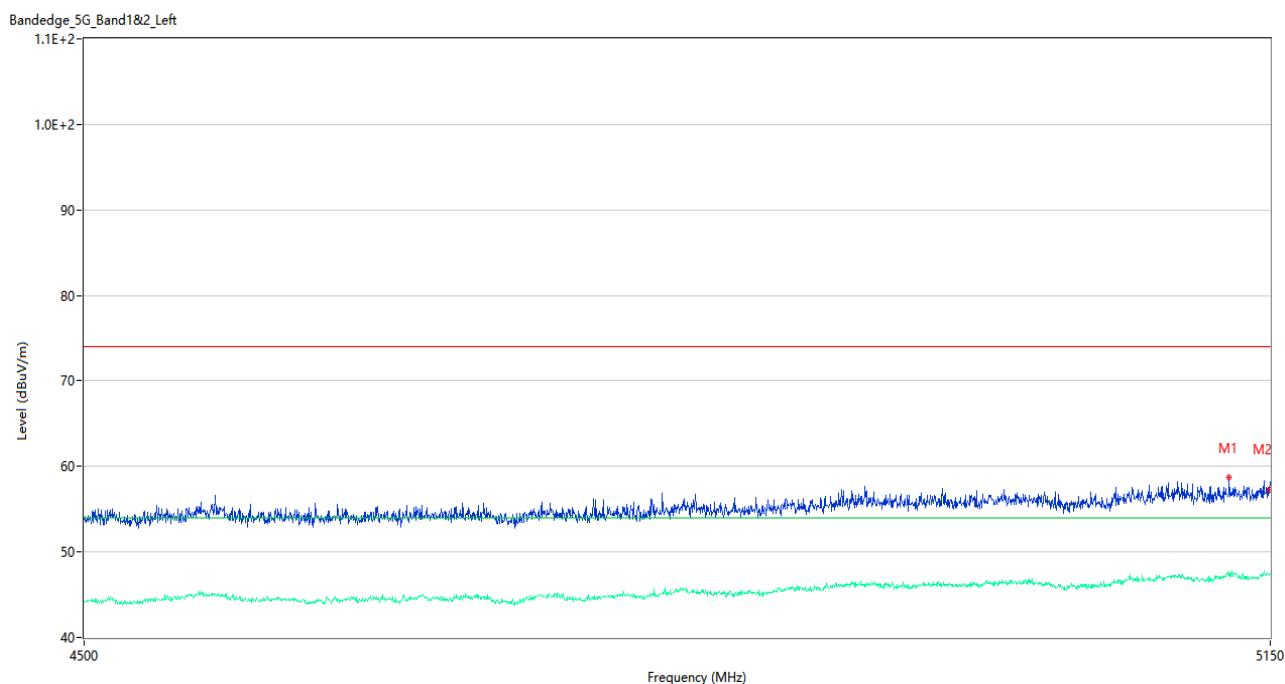
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5139.600        | 58.48            | 3.51        | 74.0           | -15.52          | Peak     | 42.00          | 100         | Horizontal | Pass    |
| 1** | 5139.600        | 46.94            | 3.51        | 54.0           | -7.06           | AV       | 42.00          | 100         | Horizontal | Pass    |
| 2   | 5149.675        | 58.45            | 3.94        | 74.0           | -15.55          | Peak     | 10.00          | 100         | Horizontal | Pass    |
| 2** | 5149.675        | 47.61            | 3.94        | 54.0           | -6.39           | AV       | 10.00          | 100         | Horizontal | Pass    |

## U-NII-2A 11a CH64



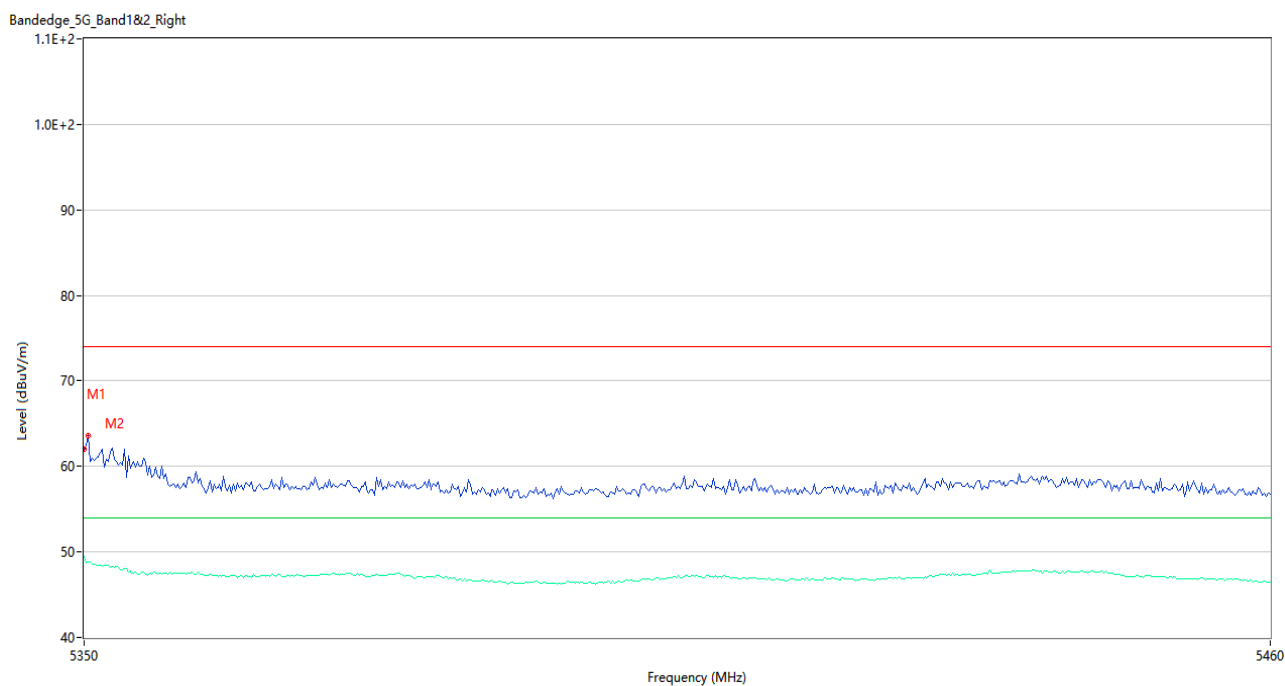
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 66.60            | 3.96        | 74.0           | -7.40           | Peak     | 120.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 50.50            | 3.96        | 54.0           | -3.50           | AV       | 120.00         | 200         | Horizontal | Pass    |
| 2   | 5350.550        | 66.32            | 3.95        | 74.0           | -7.68           | Peak     | 159.00         | 150         | Horizontal | Pass    |
| 2** | 5350.550        | 50.13            | 3.95        | 54.0           | -3.87           | AV       | 159.00         | 150         | Horizontal | Pass    |

## U-NII-2A 11n20 CH52



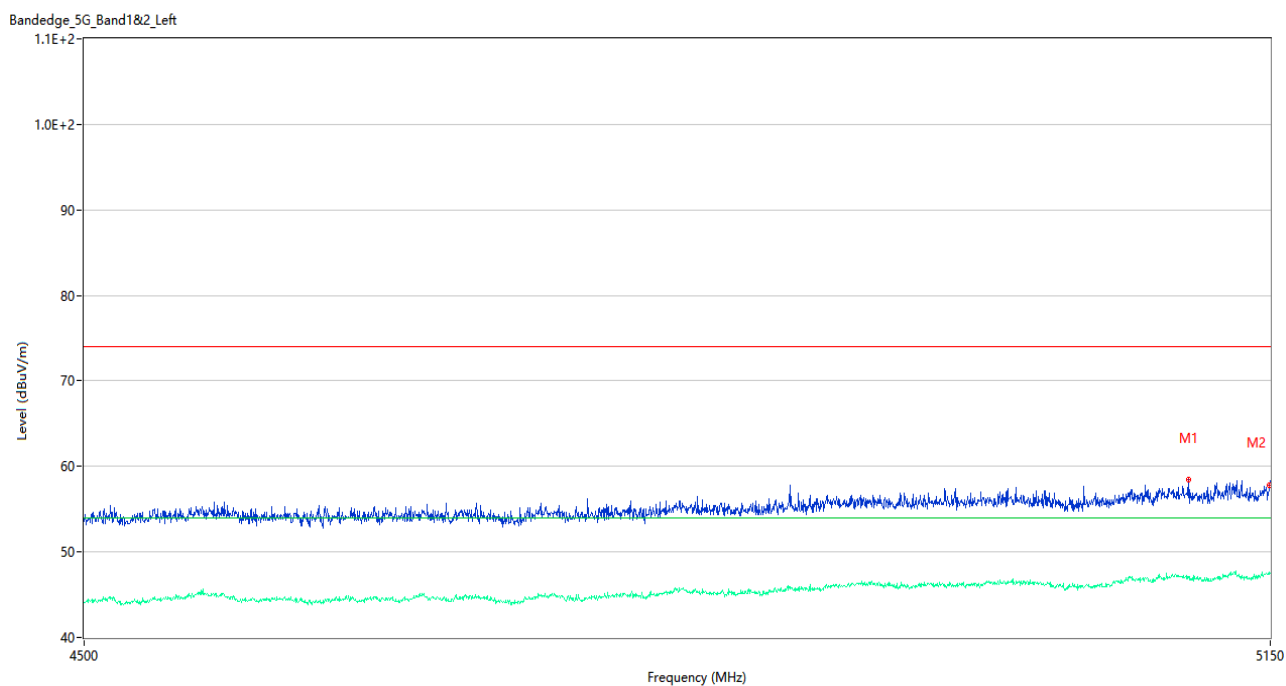
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5125.950        | 58.67            | 4.07        | 74.0           | -15.33          | Peak     | 128.00         | 200         | Horizontal | Pass    |
| 1** | 5125.950        | 47.35            | 4.07        | 54.0           | -6.65           | AV       | 128.00         | 200         | Horizontal | Pass    |
| 2   | 5149.675        | 57.27            | 3.94        | 74.0           | -16.73          | Peak     | 145.00         | 150         | Horizontal | Pass    |
| 2** | 5149.675        | 47.28            | 3.94        | 54.0           | -6.72           | AV       | 145.00         | 150         | Horizontal | Pass    |

## U-NII-2A 11n20 CH64



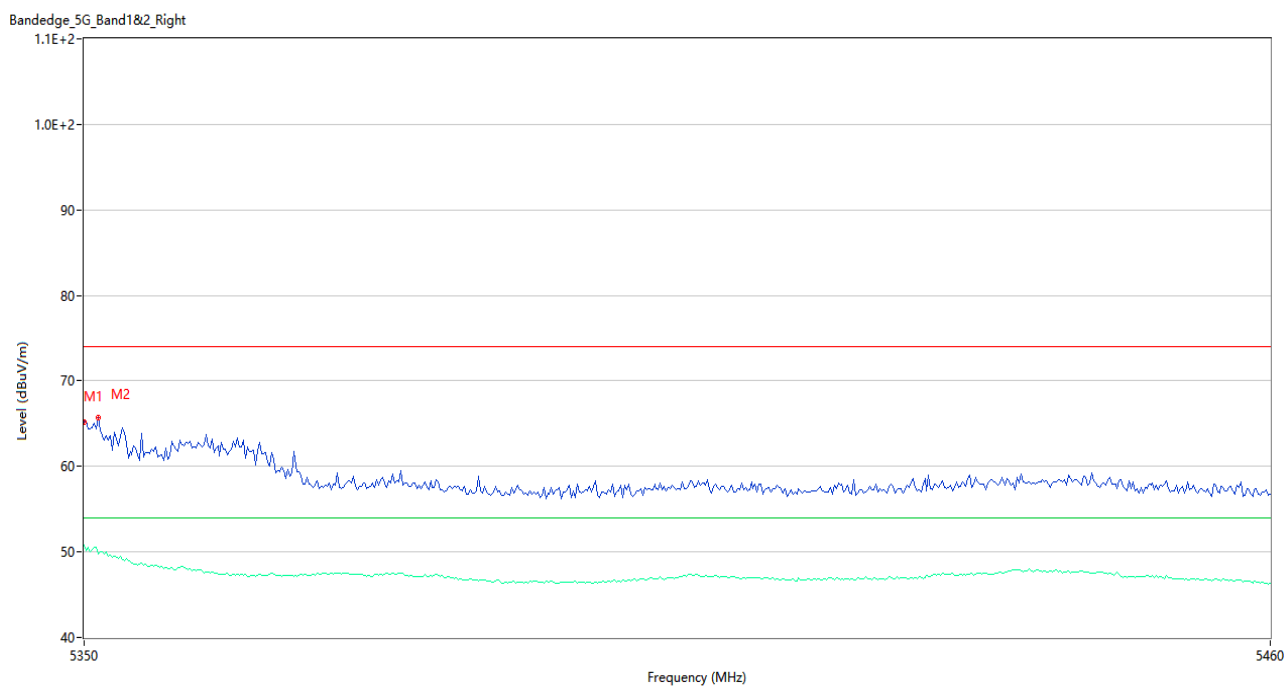
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 62.03            | 3.96        | 74.0           | -11.97          | Peak     | 321.00         | 150         | Horizontal | Pass    |
| 1** | 5350.000        | 49.45            | 3.96        | 54.0           | -4.55           | AV       | 321.00         | 150         | Horizontal | Pass    |
| 2   | 5350.367        | 63.57            | 3.96        | 74.0           | -10.43          | Peak     | 167.00         | 200         | Horizontal | Pass    |
| 2** | 5350.367        | 48.77            | 3.96        | 54.0           | -5.23           | AV       | 167.00         | 200         | Horizontal | Pass    |

## U-NII-2A 11n40 CH54



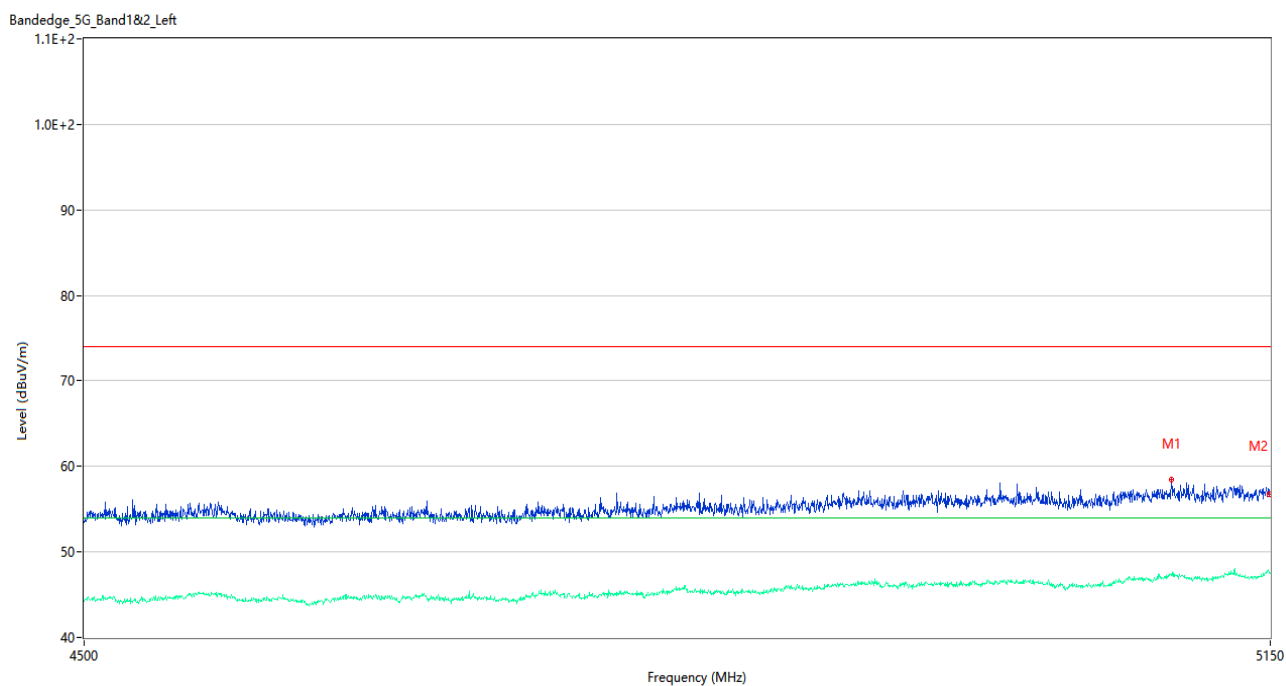
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5102.225        | 58.42            | 4.12        | 74.0           | -15.58          | Peak     | 109.00         | 150         | Horizontal | Pass    |
| 1** | 5102.225        | 46.98            | 4.12        | 54.0           | -7.02           | AV       | 109.00         | 150         | Horizontal | Pass    |
| 2   | 5149.675        | 57.74            | 3.94        | 74.0           | -16.26          | Peak     | 271.00         | 200         | Horizontal | Pass    |
| 2** | 5149.675        | 47.44            | 3.94        | 54.0           | -6.56           | AV       | 271.00         | 200         | Horizontal | Pass    |

## U-NII-2A 11n40 CH62



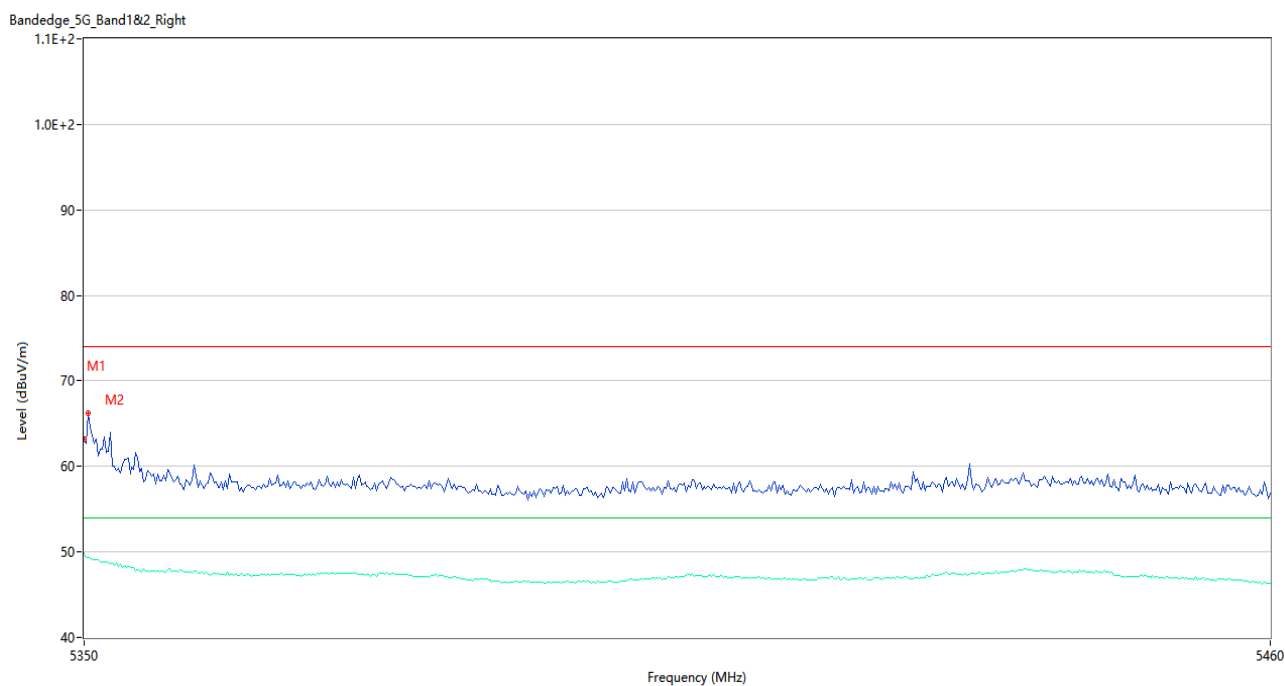
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 65.13            | 3.96        | 74.0           | -8.87           | Peak     | 16.00          | 150         | Horizontal | Pass    |
| 1** | 5350.000        | 50.87            | 3.96        | 54.0           | -3.13           | AV       | 16.00          | 150         | Horizontal | Pass    |
| 2   | 5351.283        | 65.73            | 3.94        | 74.0           | -8.27           | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 2** | 5351.283        | 49.73            | 3.94        | 54.0           | -4.27           | AV       | 0.00           | 200         | Horizontal | Pass    |

## U-NII-2A 11ac20 CH52



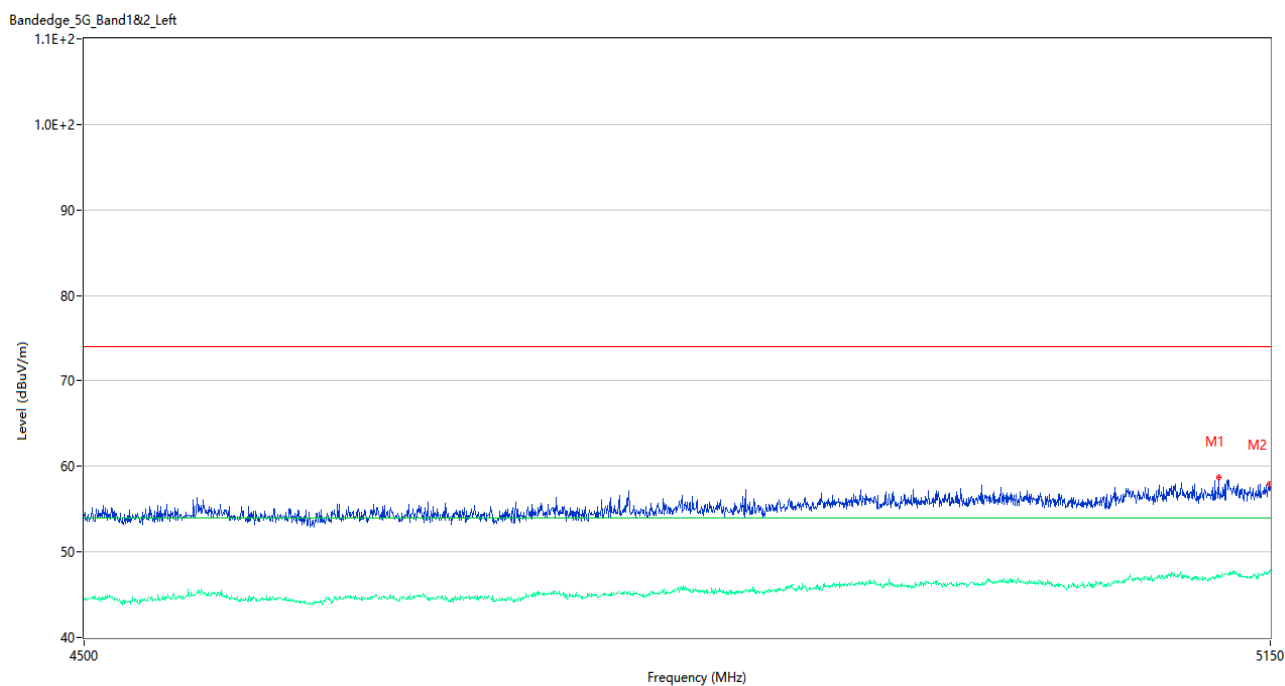
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5092.150        | 58.41            | 4.22        | 74.0           | -15.59          | Peak     | 108.00         | 150         | Horizontal | Pass    |
| 1** | 5092.150        | 47.42            | 4.22        | 54.0           | -6.58           | AV       | 108.00         | 150         | Horizontal | Pass    |
| 2   | 5149.675        | 56.79            | 3.94        | 74.0           | -17.21          | Peak     | 300.00         | 200         | Horizontal | Pass    |
| 2** | 5149.675        | 47.54            | 3.94        | 54.0           | -6.46           | AV       | 300.00         | 200         | Horizontal | Pass    |

## U-NII-2A 11ac20 CH64



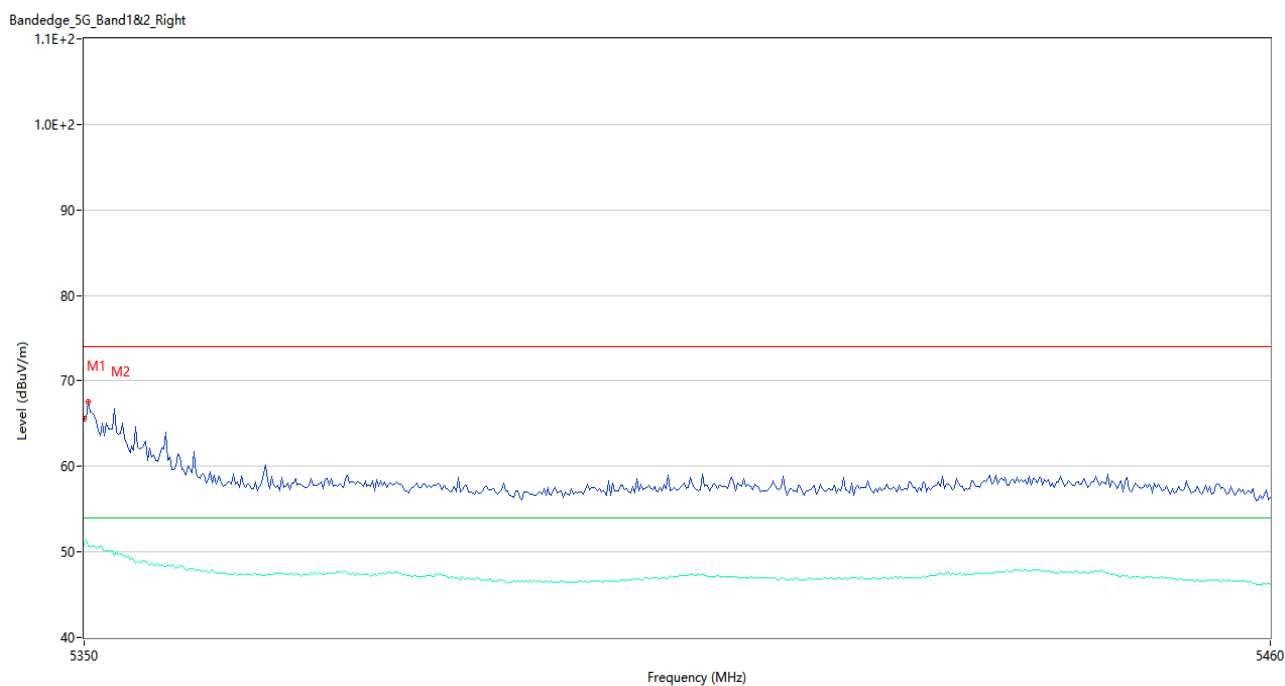
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 63.26            | 3.96        | 74.0           | -10.74          | Peak     | 30.00          | 150         | Horizontal | Pass    |
| 1** | 5350.000        | 49.91            | 3.96        | 54.0           | -4.09           | AV       | 30.00          | 150         | Horizontal | Pass    |
| 2   | 5350.367        | 66.17            | 3.96        | 74.0           | -7.83           | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 2** | 5350.367        | 49.40            | 3.96        | 54.0           | -4.60           | AV       | 360.00         | 150         | Horizontal | Pass    |

## U-NII-2A 11ac40 CH54



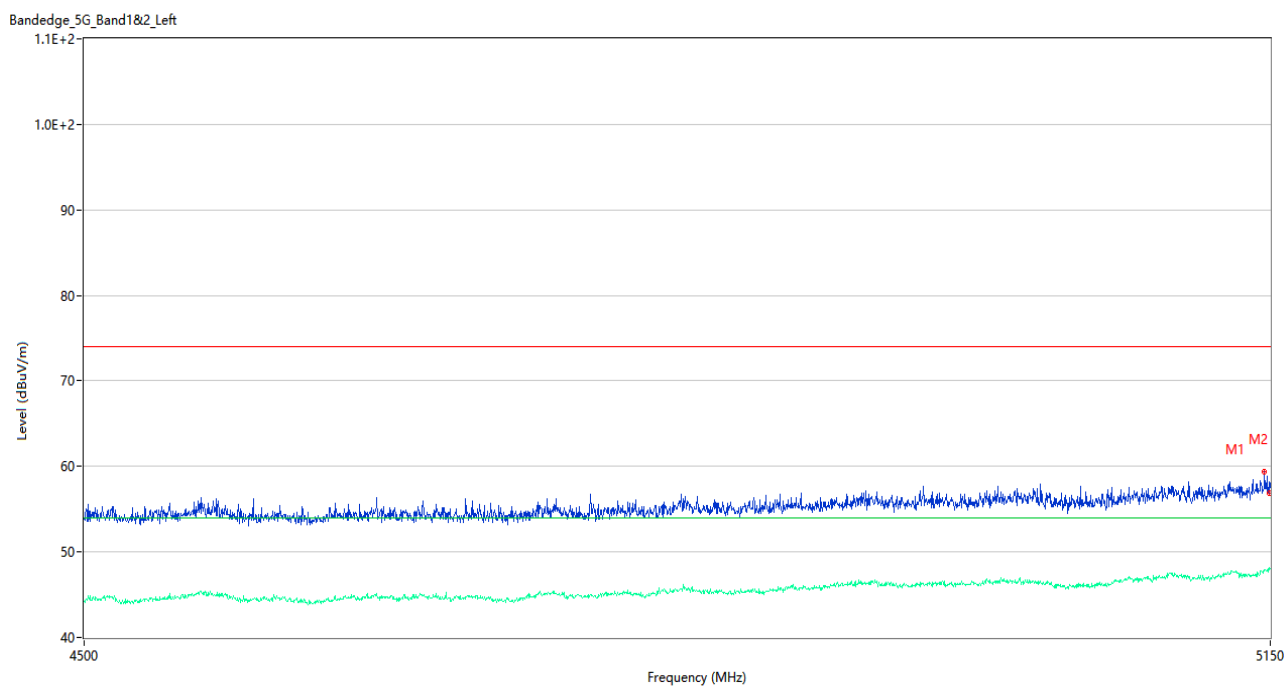
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5119.775        | 58.78            | 4.00        | 74.0           | -15.22          | Peak     | 164.00         | 150         | Horizontal | Pass    |
| 1** | 5119.775        | 46.99            | 4.00        | 54.0           | -7.01           | AV       | 164.00         | 150         | Horizontal | Pass    |
| 2   | 5149.675        | 57.95            | 3.94        | 74.0           | -16.05          | Peak     | 137.00         | 150         | Horizontal | Pass    |
| 2** | 5149.675        | 47.56            | 3.94        | 54.0           | -6.44           | AV       | 137.00         | 150         | Horizontal | Pass    |

## U-NII-2A 11ac40 CH62



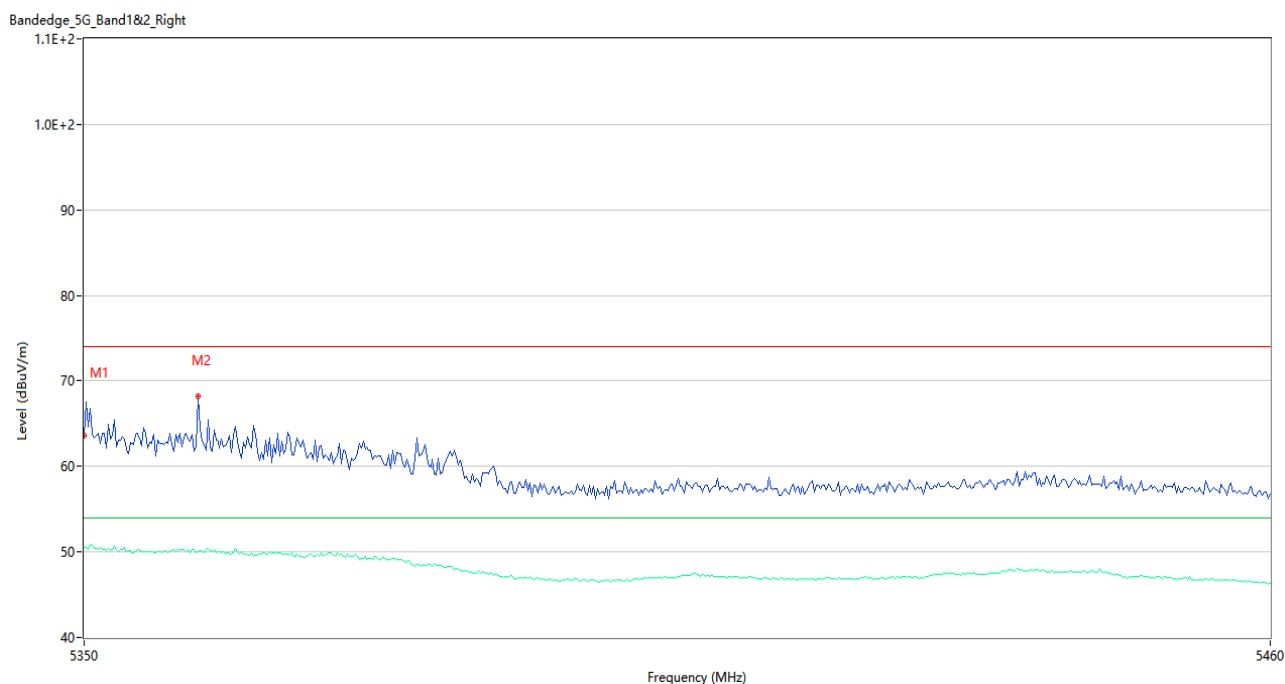
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 65.53            | 3.96        | 74.0           | -8.47           | Peak     | 5.00           | 150         | Horizontal | Pass    |
| 1** | 5350.000        | 50.82            | 3.96        | 54.0           | -3.18           | AV       | 5.00           | 150         | Horizontal | Pass    |
| 2   | 5350.367        | 67.58            | 3.96        | 74.0           | -6.42           | Peak     | 27.00          | 150         | Horizontal | Pass    |
| 2** | 5350.367        | 50.64            | 3.96        | 54.0           | -3.36           | AV       | 27.00          | 150         | Horizontal | Pass    |

## U-NII-2A 11ac80 CH58



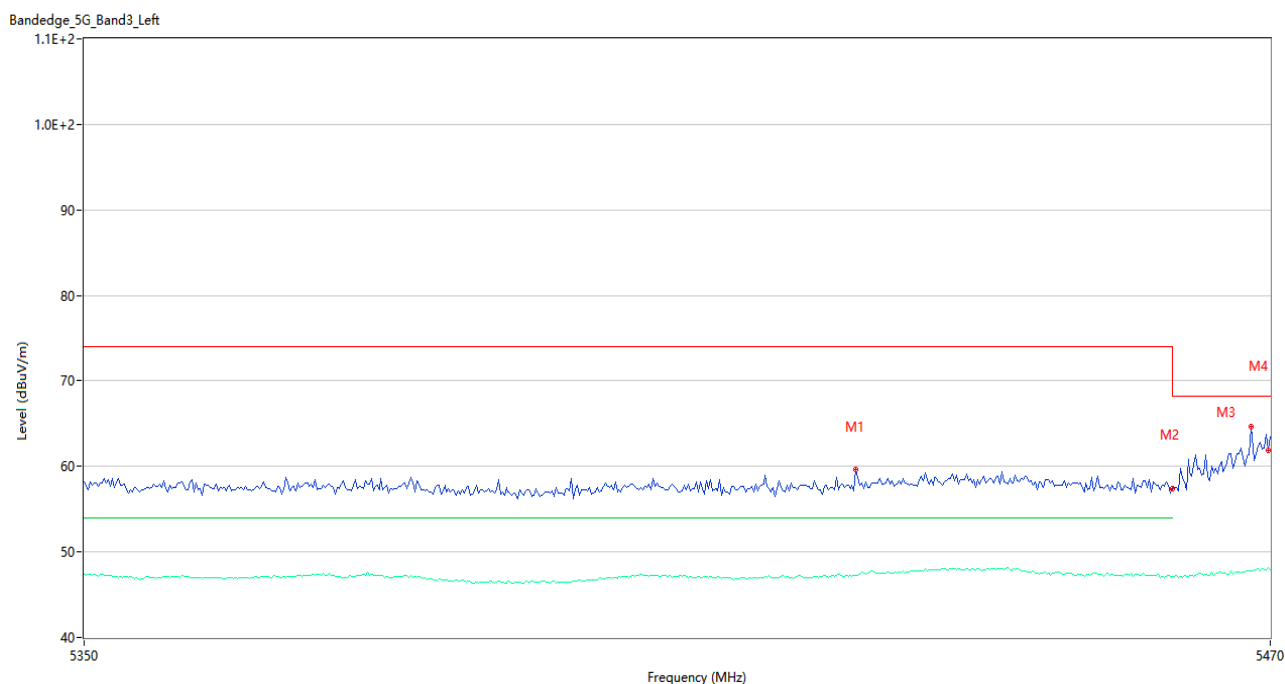
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5146.750        | 59.32            | 3.89        | 74.0           | -14.68          | Peak     | 137.00         | 100         | Horizontal | Pass    |
| 1** | 5146.750        | 47.87            | 3.89        | 54.0           | -6.13           | AV       | 137.00         | 100         | Horizontal | Pass    |
| 2   | 5149.675        | 56.92            | 3.94        | 74.0           | -17.08          | Peak     | 64.00          | 200         | Horizontal | Pass    |
| 2** | 5149.675        | 48.12            | 3.94        | 54.0           | -5.88           | AV       | 64.00          | 200         | Horizontal | Pass    |

## U-NII-2A 11ac80 CH58



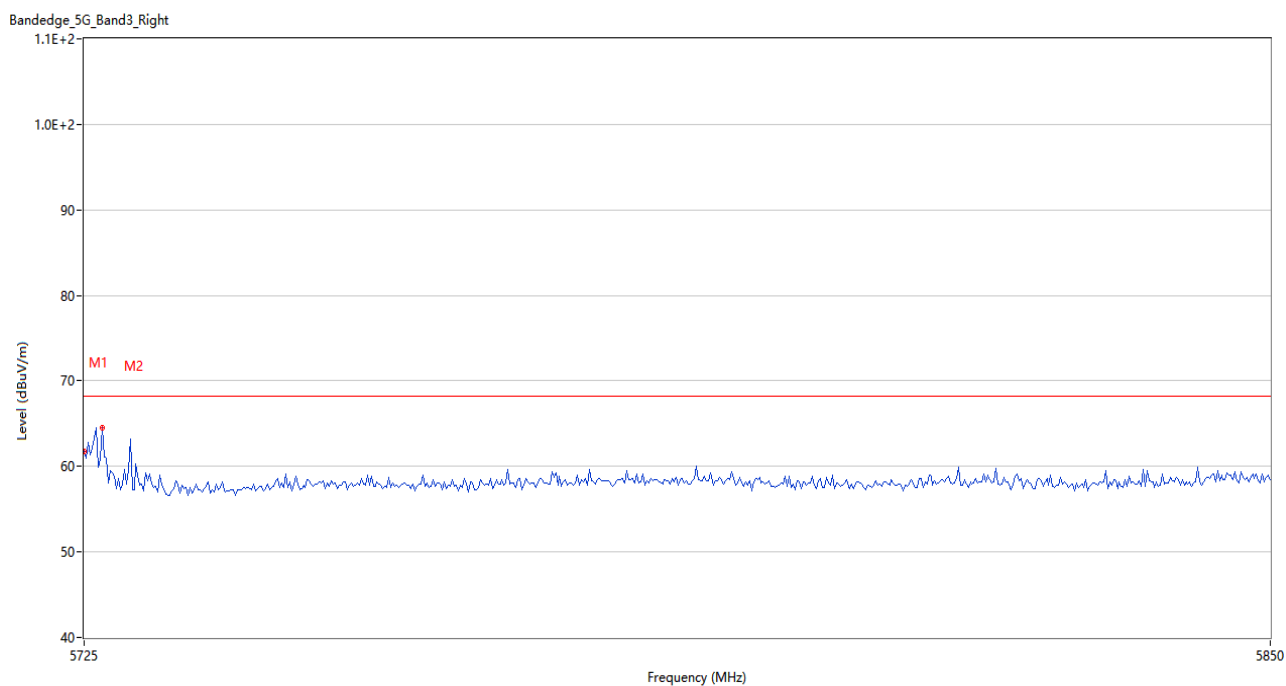
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 63.60            | 3.96        | 74.0           | -10.40          | Peak     | 157.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 50.58            | 3.96        | 54.0           | -3.42           | AV       | 157.00         | 200         | Horizontal | Pass    |
| 2   | 5360.450        | 68.25            | 3.72        | 74.0           | -5.75           | Peak     | 1.00           | 200         | Horizontal | Pass    |
| 2** | 5360.450        | 49.97            | 3.72        | 54.0           | -4.03           | AV       | 1.00           | 200         | Horizontal | Pass    |

## U-NII-2C 11a CH100



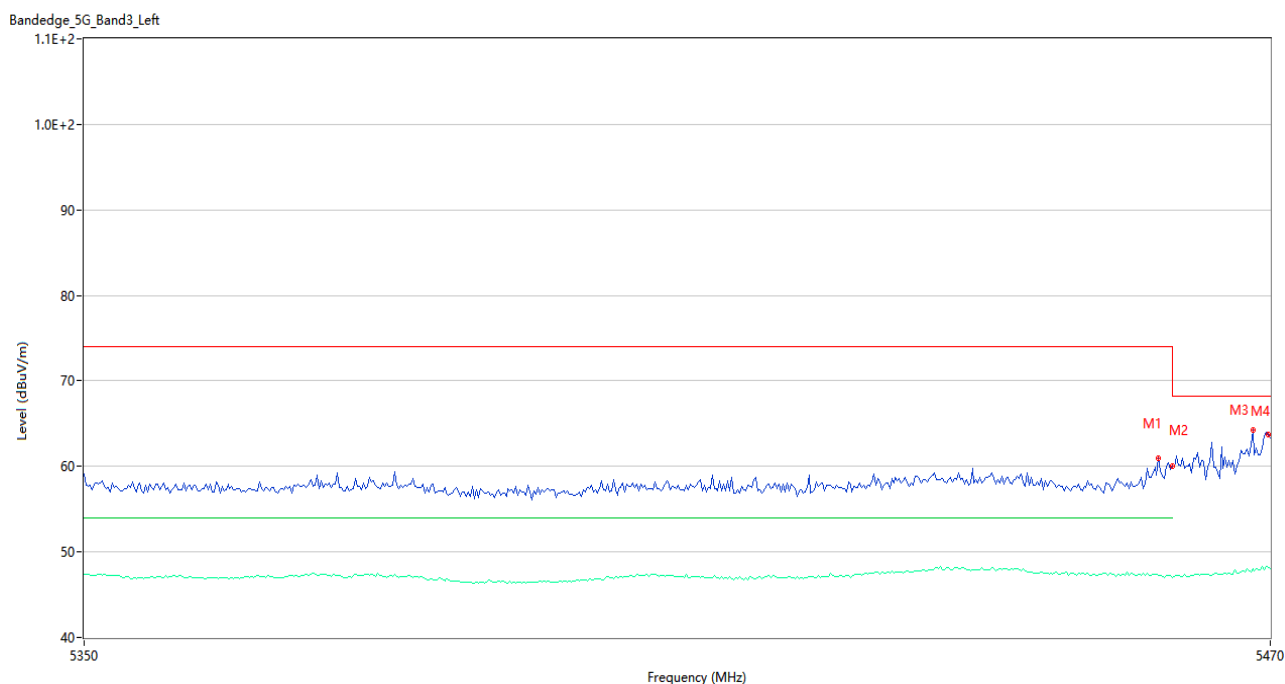
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5427.800        | 59.60            | 4.34        | 74.0           | -14.40          | Peak     | 157.00         | 100         | Horizontal | Pass    |
| 1** | 5427.800        | 47.25            | 4.34        | 54.0           | -6.75           | AV       | 157.00         | 100         | Horizontal | Pass    |
| 2   | 5460.000        | 57.38            | 4.23        | 74.0           | -16.62          | Peak     | 142.00         | 150         | Horizontal | Pass    |
| 2** | 5460.000        | 47.13            | 4.23        | 54.0           | -6.87           | AV       | 142.00         | 150         | Horizontal | Pass    |
| 3   | 5468.000        | 64.59            | 3.93        | 68.2           | -3.61           | Peak     | 3.00           | 100         | Horizontal | Pass    |
| 3** | 5468.000        | 47.84            | 3.93        | --             | --              | AV       | 3.00           | 100         | Horizontal | N/A     |
| 4   | 5469.800        | 61.90            | 3.78        | 68.2           | -6.30           | Peak     | 153.00         | 150         | Horizontal | Pass    |
| 4** | 5469.800        | 48.11            | 3.78        | --             | --              | AV       | 153.00         | 150         | Horizontal | N/A     |

## U-NII-2C 11a CH140



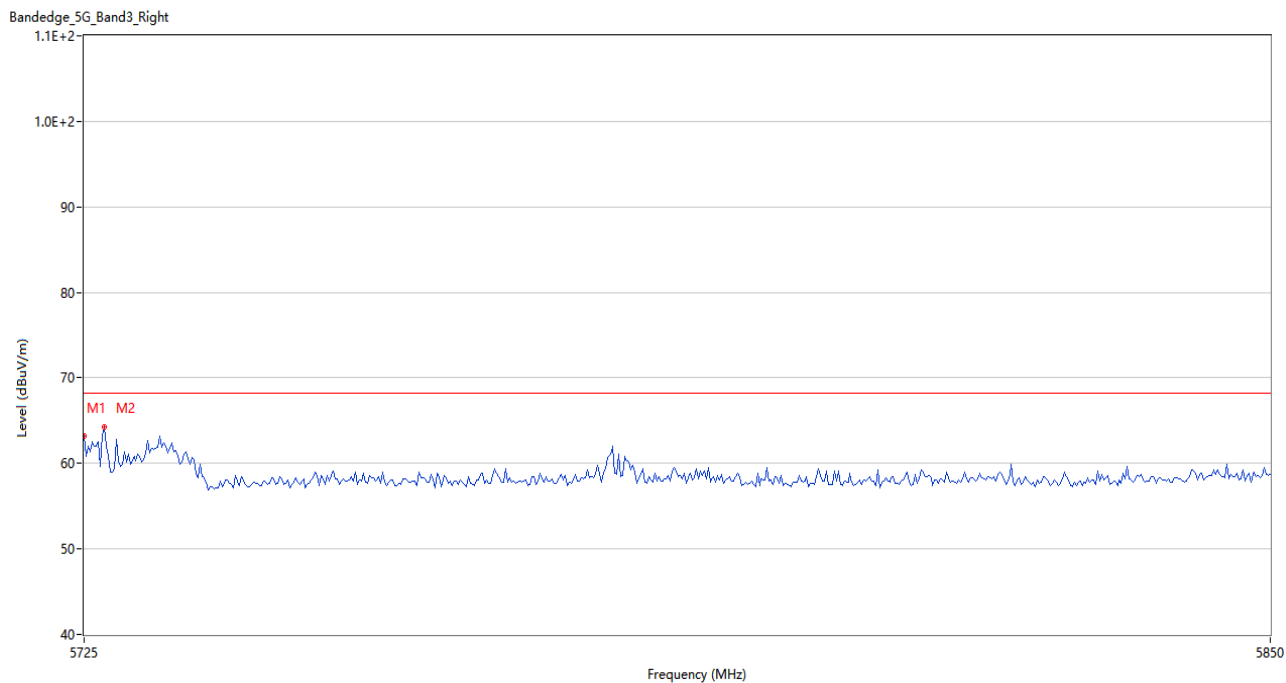
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 61.73            | 4.45        | 68.2           | -6.47           | Peak     | 16.00          | 100         | Horizontal | Pass    |
| 2   | 5726.875        | 64.58            | 4.30        | 68.2           | -3.62           | Peak     | 185.00         | 150         | Horizontal | Pass    |

## U-NII-2C 11n20 CH100



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5458.600        | 61.00            | 4.37        | 74.0           | -13.00          | Peak     | 35.00          | 150         | Horizontal | Pass    |
| 1** | 5458.600        | 47.31            | 4.37        | 54.0           | -6.69           | AV       | 35.00          | 150         | Horizontal | Pass    |
| 2   | 5460.000        | 59.98            | 4.23        | 74.0           | -14.02          | Peak     | 22.00          | 100         | Horizontal | Pass    |
| 2** | 5460.000        | 46.97            | 4.23        | 54.0           | -7.03           | AV       | 22.00          | 100         | Horizontal | Pass    |
| 3   | 5468.200        | 64.30            | 3.91        | 68.2           | -3.90           | Peak     | 28.00          | 200         | Horizontal | Pass    |
| 3** | 5468.200        | 48.02            | 3.91        | --             | --              | AV       | 28.00          | 200         | Horizontal | N/A     |
| 4   | 5469.800        | 63.73            | 3.78        | 68.2           | -4.47           | Peak     | 25.00          | 150         | Horizontal | Pass    |
| 4** | 5469.800        | 48.19            | 3.78        | --             | --              | AV       | 25.00          | 150         | Horizontal | N/A     |

## U-NII-2C 11n20 CH140



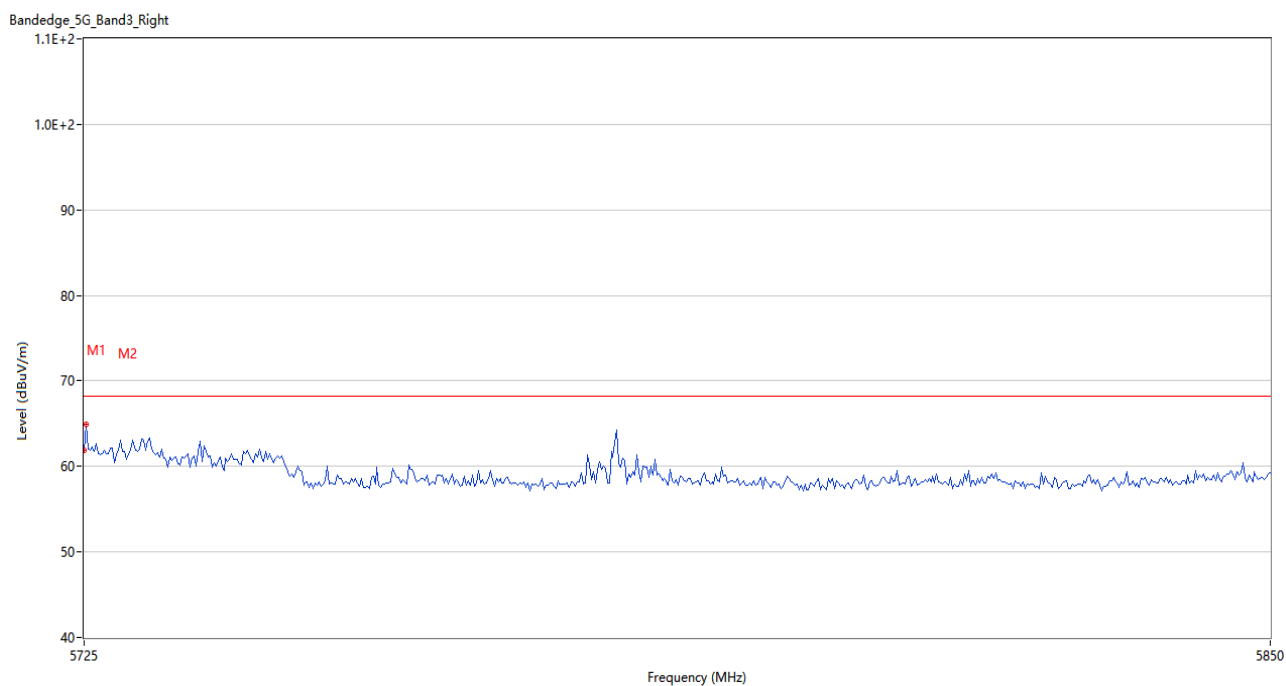
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 63.22            | 4.45        | 68.2           | -4.98           | Peak     | 10.00          | 150         | Horizontal | Pass    |
| 2   | 5727.084        | 64.26            | 4.27        | 68.2           | -3.94           | Peak     | 169.00         | 150         | Horizontal | Pass    |

## U-NII-2C 11n40 CH102



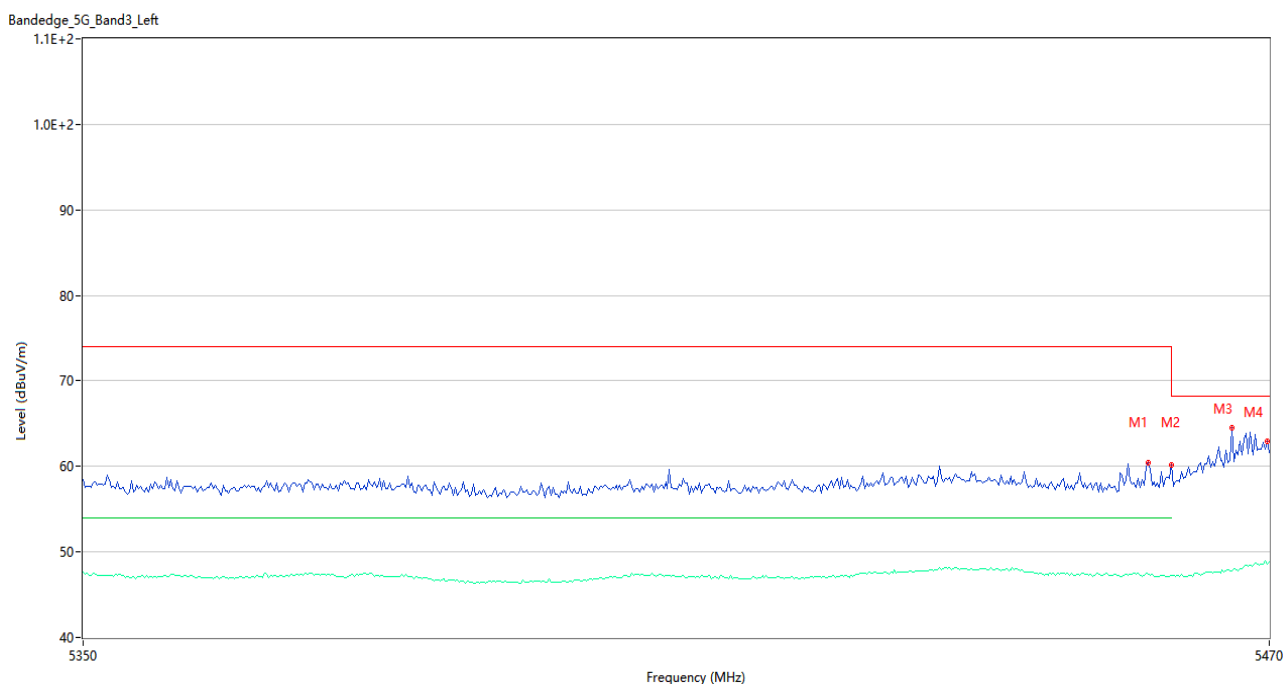
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5449.800        | 59.46            | 4.57        | 74.0           | -14.54          | Peak     | 20.00          | 150         | Horizontal | Pass    |
| 1** | 5449.800        | 47.20            | 4.57        | 54.0           | -6.80           | AV       | 20.00          | 150         | Horizontal | Pass    |
| 2   | 5460.000        | 57.05            | 4.23        | 74.0           | -16.95          | Peak     | 109.00         | 200         | Horizontal | Pass    |
| 2** | 5460.000        | 46.71            | 4.23        | 54.0           | -7.29           | AV       | 109.00         | 200         | Horizontal | Pass    |
| 3   | 5469.600        | 64.26            | 3.80        | 68.2           | -3.94           | Peak     | 20.00          | 100         | Horizontal | Pass    |
| 3** | 5469.600        | 47.17            | 3.80        | --             | --              | AV       | 20.00          | 100         | Horizontal | N/A     |
| 4   | 5469.800        | 64.14            | 3.78        | 68.2           | -4.06           | Peak     | 23.00          | 150         | Horizontal | Pass    |
| 4** | 5469.800        | 47.14            | 3.78        | --             | --              | AV       | 23.00          | 150         | Horizontal | N/A     |

## U-NII-2C 11n40 CH134



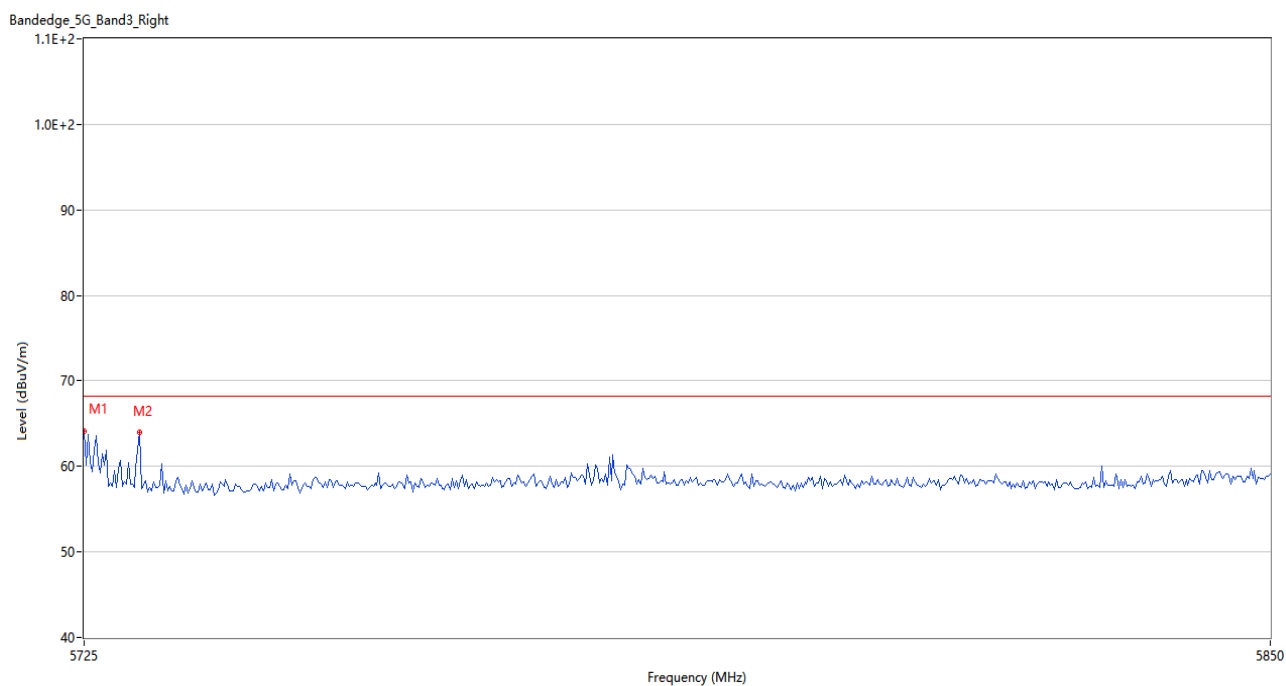
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 61.92            | 4.45        | 68.2           | -6.28           | Peak     | 5.00           | 100         | Horizontal | Pass    |
| 2   | 5725.209        | 64.88            | 4.43        | 68.2           | -3.32           | Peak     | 9.00           | 150         | Horizontal | Pass    |

## U-NII-2C 11ac20 CH100



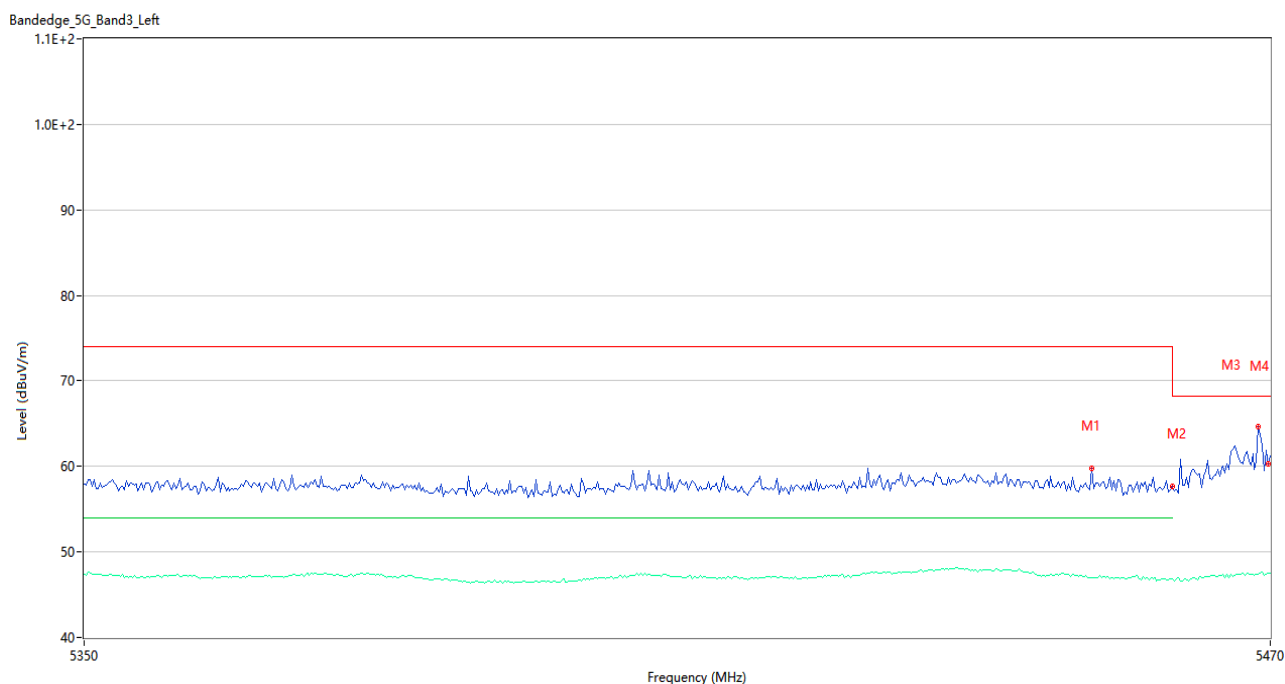
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5457.600        | 60.47            | 4.50        | 74.0           | -13.53          | Peak     | 118.00         | 200         | Horizontal | Pass    |
| 1** | 5457.600        | 47.43            | 4.50        | 54.0           | -6.57           | AV       | 118.00         | 200         | Horizontal | Pass    |
| 2   | 5460.000        | 60.16            | 4.23        | 74.0           | -13.84          | Peak     | 15.00          | 150         | Horizontal | Pass    |
| 2** | 5460.000        | 47.21            | 4.23        | 54.0           | -6.79           | AV       | 15.00          | 150         | Horizontal | Pass    |
| 3   | 5466.200        | 64.49            | 3.99        | 68.2           | -3.71           | Peak     | 162.00         | 100         | Horizontal | Pass    |
| 3** | 5466.200        | 47.81            | 3.99        | --             | --              | AV       | 162.00         | 100         | Horizontal | N/A     |
| 4   | 5469.800        | 62.91            | 3.78        | 68.2           | -5.29           | Peak     | 17.00          | 150         | Horizontal | Pass    |
| 4** | 5469.800        | 48.52            | 3.78        | --             | --              | AV       | 17.00          | 150         | Horizontal | N/A     |

## U-NII-2C 11ac20 CH140



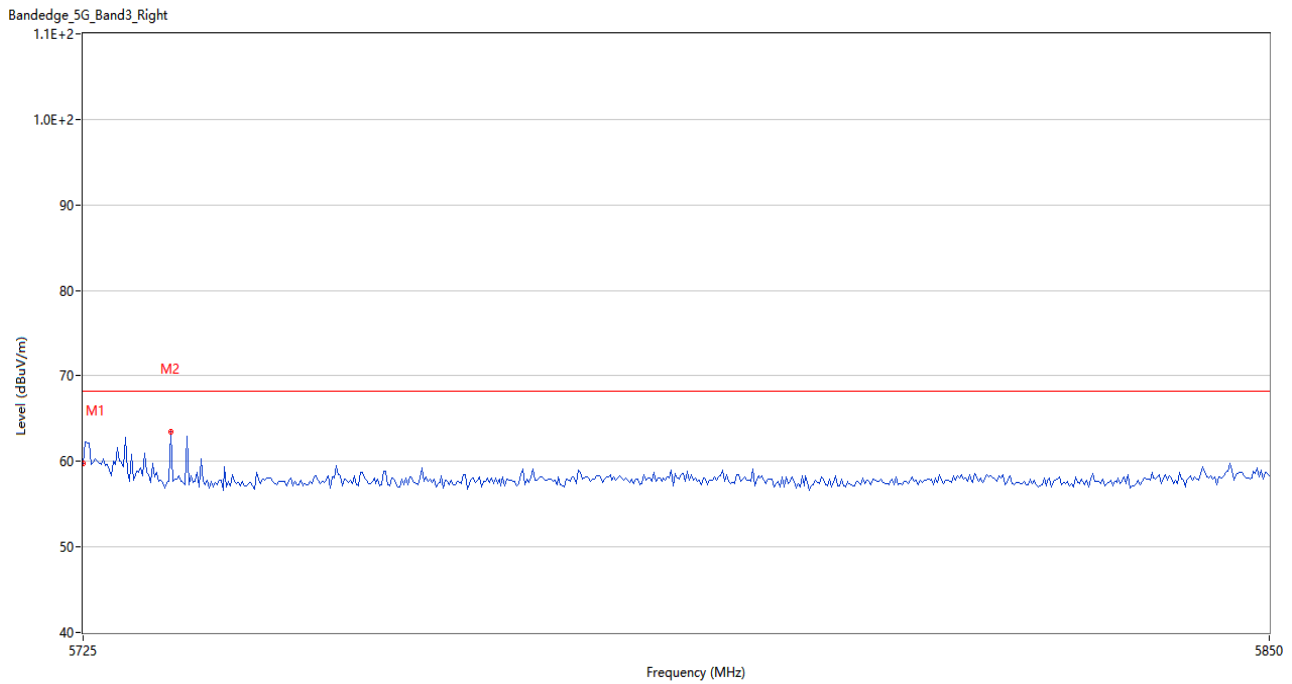
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 64.12            | 4.45        | 68.2           | -4.08           | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 2   | 5730.833        | 64.00            | 4.25        | 68.2           | -4.20           | Peak     | 6.00           | 150         | Horizontal | Pass    |

## U-NII-2C 11ac40 CH102



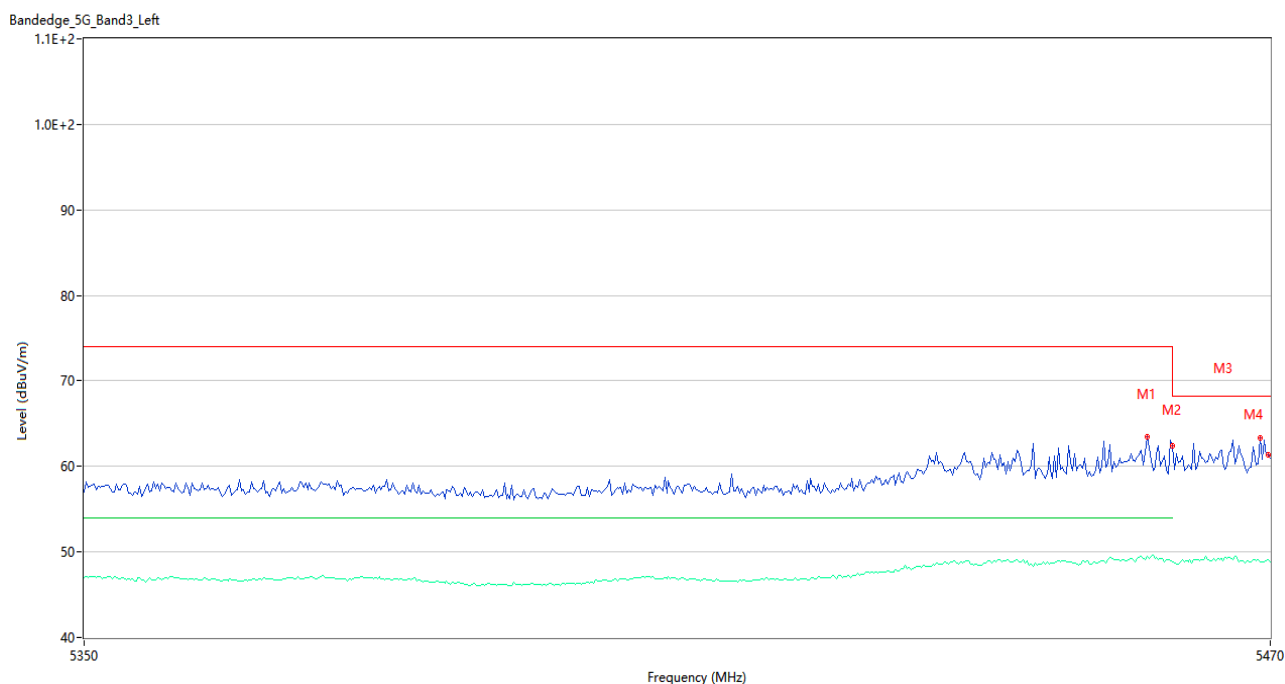
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5451.800        | 59.79            | 4.52        | 74.0           | -14.21          | Peak     | 196.00         | 100         | Horizontal | Pass    |
| 1** | 5451.800        | 47.03            | 4.52        | 54.0           | -6.97           | AV       | 196.00         | 100         | Horizontal | Pass    |
| 2   | 5460.000        | 57.62            | 4.23        | 74.0           | -16.38          | Peak     | 3.00           | 100         | Horizontal | Pass    |
| 2** | 5460.000        | 46.85            | 4.23        | 54.0           | -7.15           | AV       | 3.00           | 100         | Horizontal | Pass    |
| 3   | 5468.800        | 64.70            | 3.86        | 68.2           | -3.50           | Peak     | 148.00         | 100         | Horizontal | Pass    |
| 3** | 5468.800        | 47.40            | 3.86        | --             | --              | AV       | 148.00         | 100         | Horizontal | N/A     |
| 4   | 5469.800        | 60.34            | 3.78        | 68.2           | -7.86           | Peak     | 356.00         | 150         | Horizontal | Pass    |
| 4** | 5469.800        | 47.52            | 3.78        | --             | --              | AV       | 356.00         | 150         | Horizontal | N/A     |

## U-NII-2C 11ac40 CH134



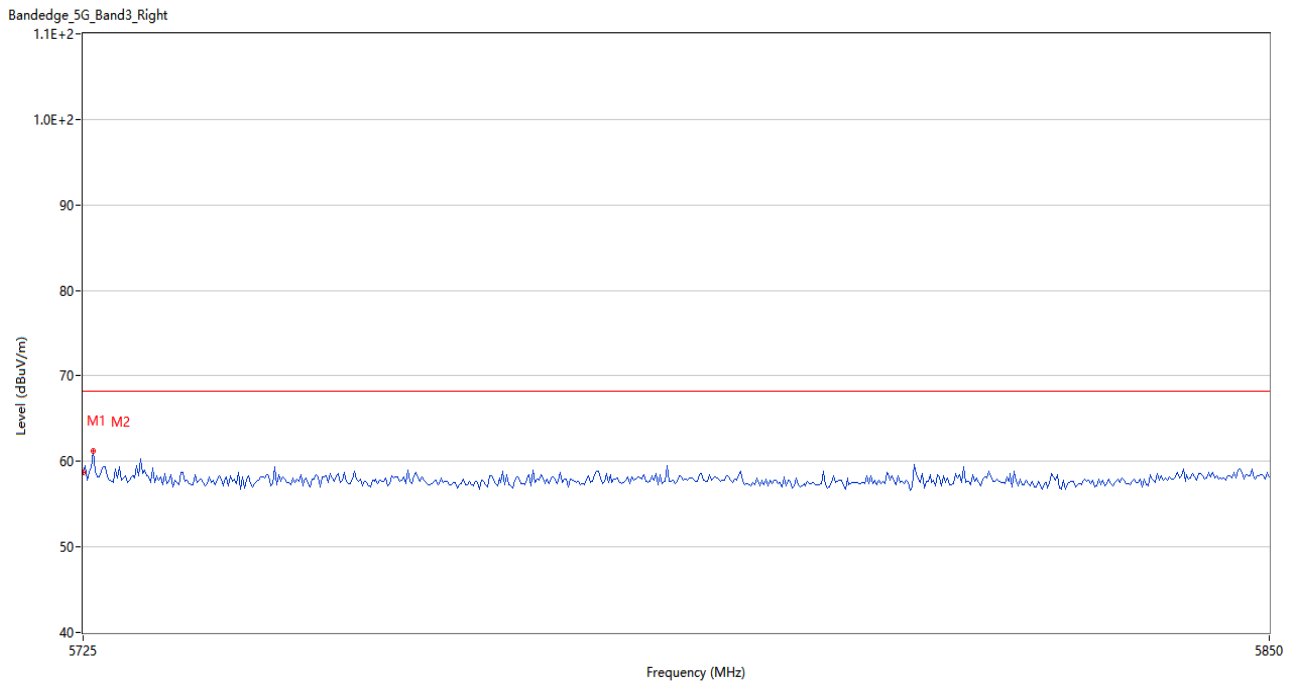
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 59.72            | 4.45        | 68.2           | -8.48           | Peak     | 11.00          | 100         | Horizontal | Pass    |
| 2   | 5734.167        | 63.42            | 4.06        | 68.2           | -4.78           | Peak     | 6.00           | 100         | Horizontal | Pass    |

## U-NII-2C 11ac80 CH106



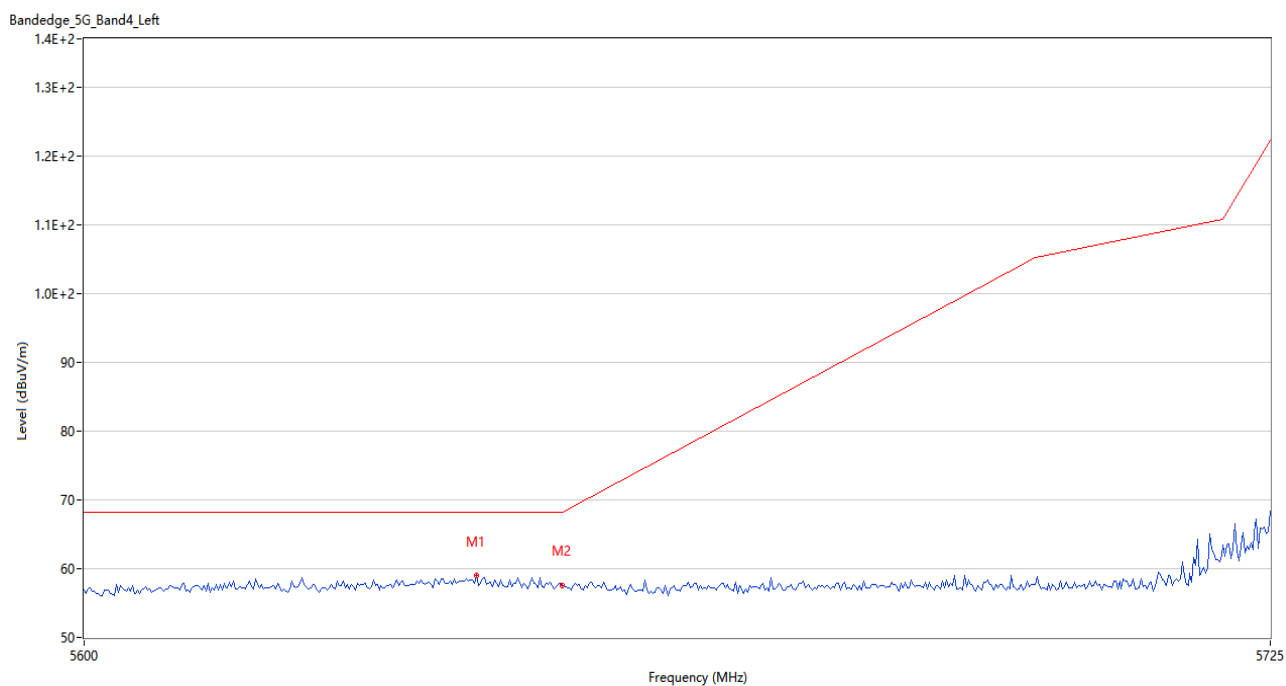
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5457.400        | 63.53            | 4.53        | 74.0           | -10.47          | Peak     | 38.00          | 100         | Horizontal | Pass    |
| 1** | 5457.400        | 49.49            | 4.53        | 54.0           | -4.51           | AV       | 38.00          | 100         | Horizontal | Pass    |
| 2   | 5460.000        | 62.41            | 4.23        | 74.0           | -11.59          | Peak     | 141.00         | 200         | Horizontal | Pass    |
| 2** | 5460.000        | 48.80            | 4.23        | 54.0           | -5.20           | AV       | 141.00         | 200         | Horizontal | Pass    |
| 3   | 5469.000        | 63.29            | 3.85        | 68.2           | -4.91           | Peak     | 130.00         | 200         | Horizontal | Pass    |
| 3** | 5469.000        | 48.83            | 3.85        | --             | --              | AV       | 130.00         | 200         | Horizontal | N/A     |
| 4   | 5469.800        | 61.32            | 3.78        | 68.2           | -6.88           | Peak     | 35.00          | 150         | Horizontal | Pass    |
| 4** | 5469.800        | 49.04            | 3.78        | --             | --              | AV       | 35.00          | 150         | Horizontal | N/A     |

## U-NII-2C 11ac80 CH122



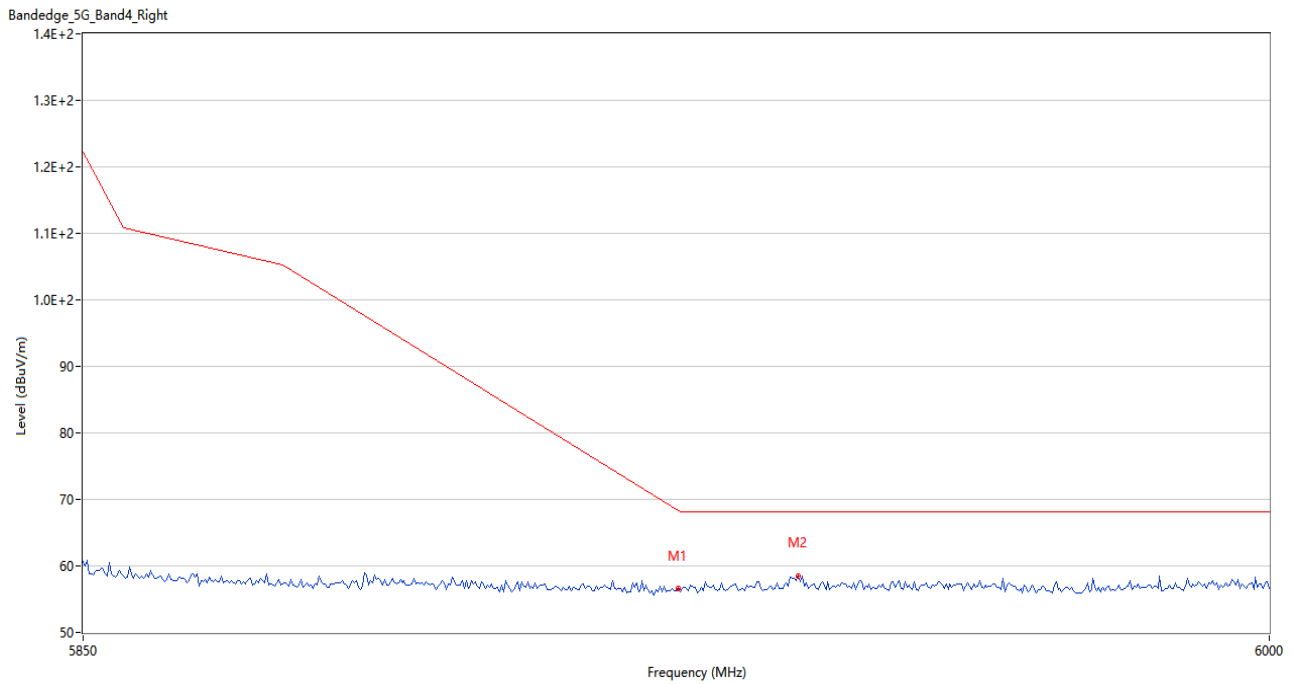
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 58.71            | 4.45        | 68.2           | -9.49           | Peak     | 10.00          | 150         | Horizontal | Pass    |
| 2   | 5726.042        | 61.17            | 4.36        | 68.2           | -7.03           | Peak     | 17.00          | 200         | Horizontal | Pass    |

## U-NII-3 11a CH149



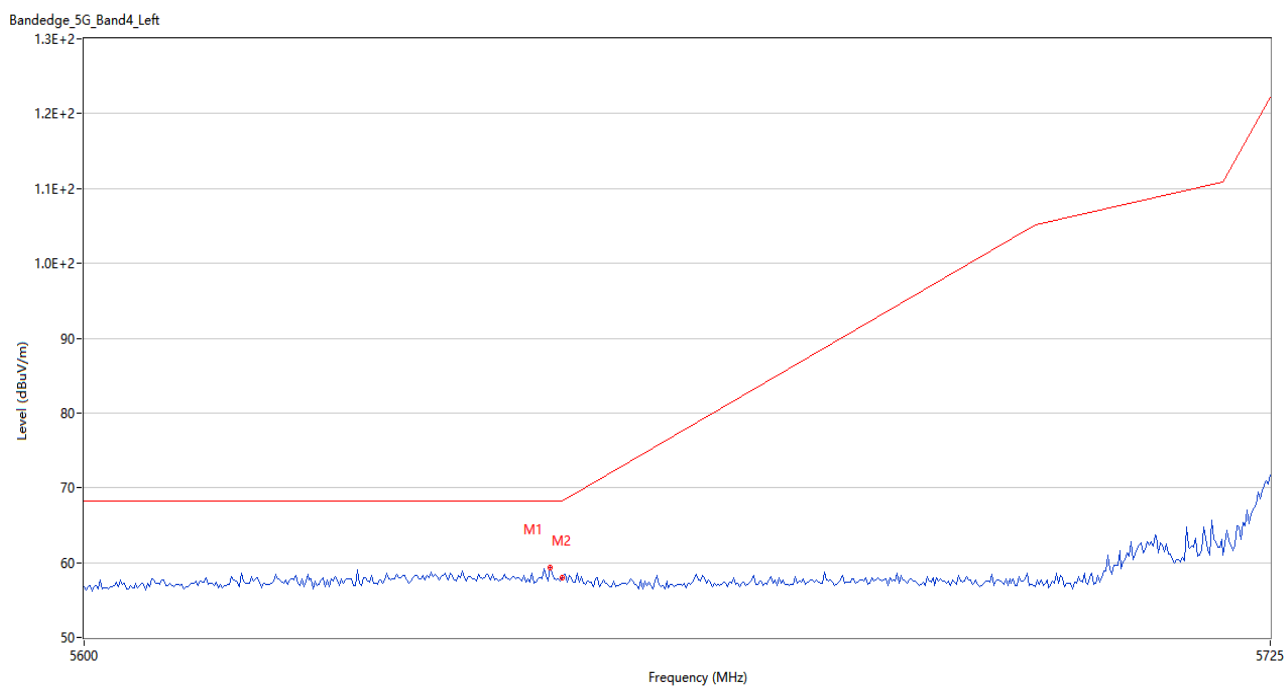
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5641.041        | 58.96            | 5.32        | 68.2           | -9.24           | Peak     | 13.00          | 200         | Horizontal | Pass    |
| 2   | 5650.000        | 57.60            | 4.91        | 68.2           | -10.60          | Peak     | 116.00         | 200         | Horizontal | Pass    |

## U-NII-3 11a CH165



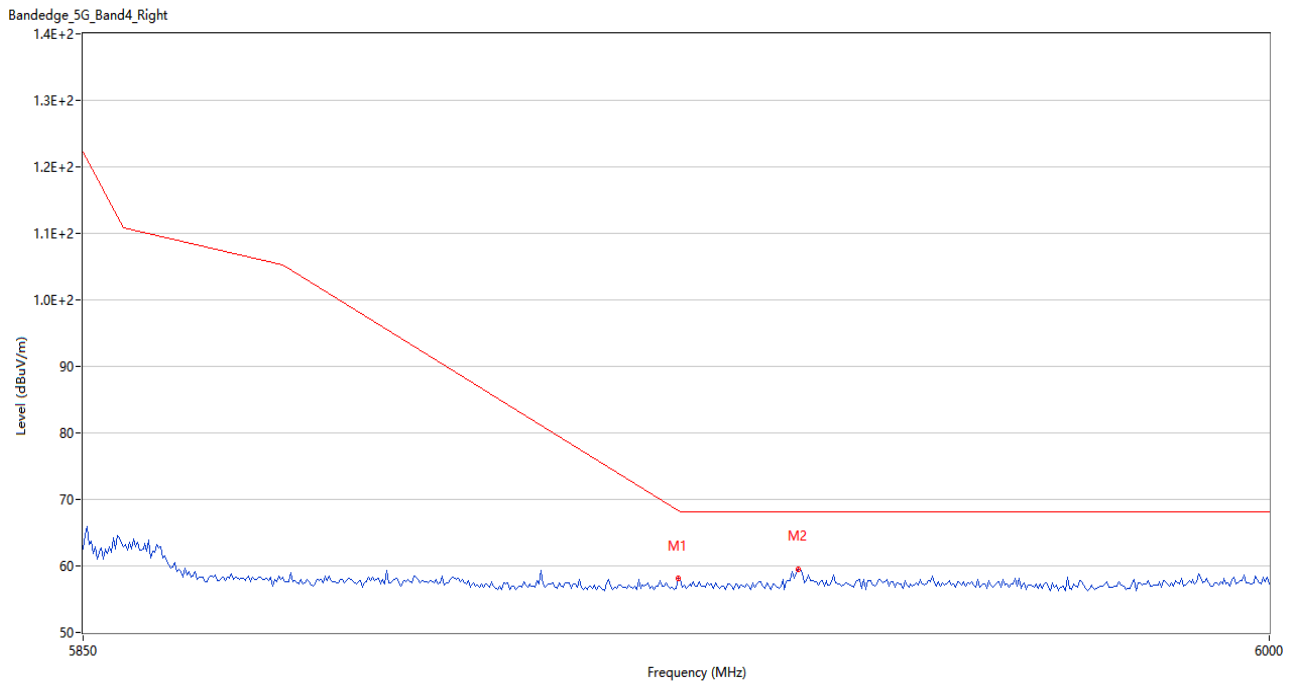
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 56.57            | 4.24        | 68.4           | -11.83          | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 2   | 5940.000        | 58.54            | 4.59        | 68.2           | -9.66           | Peak     | 354.00         | 150         | Horizontal | Pass    |

## U-NII-3 11n20 CH149



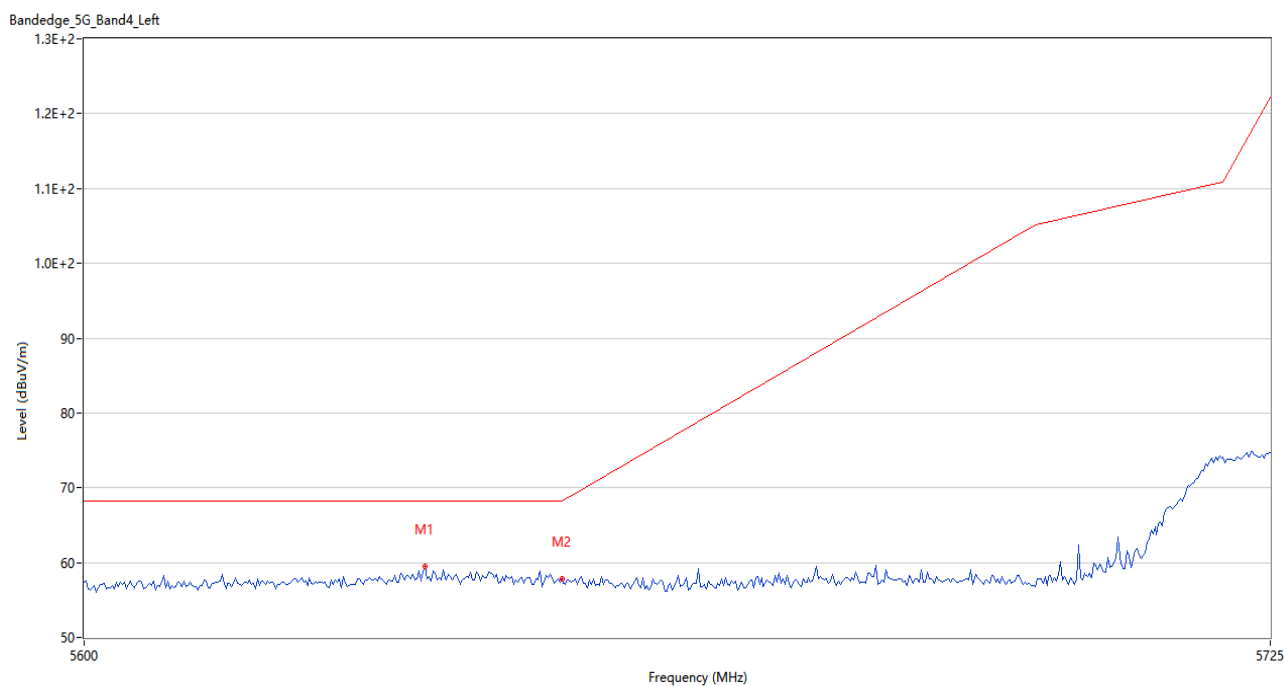
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5648.750        | 59.38            | 4.89        | 68.2           | -8.82           | Peak     | 113.00         | 150         | Horizontal | Pass    |
| 2   | 5650.000        | 58.01            | 4.91        | 68.2           | -10.19          | Peak     | 113.00         | 100         | Horizontal | Pass    |

## U-NII-3 11n20 CH165



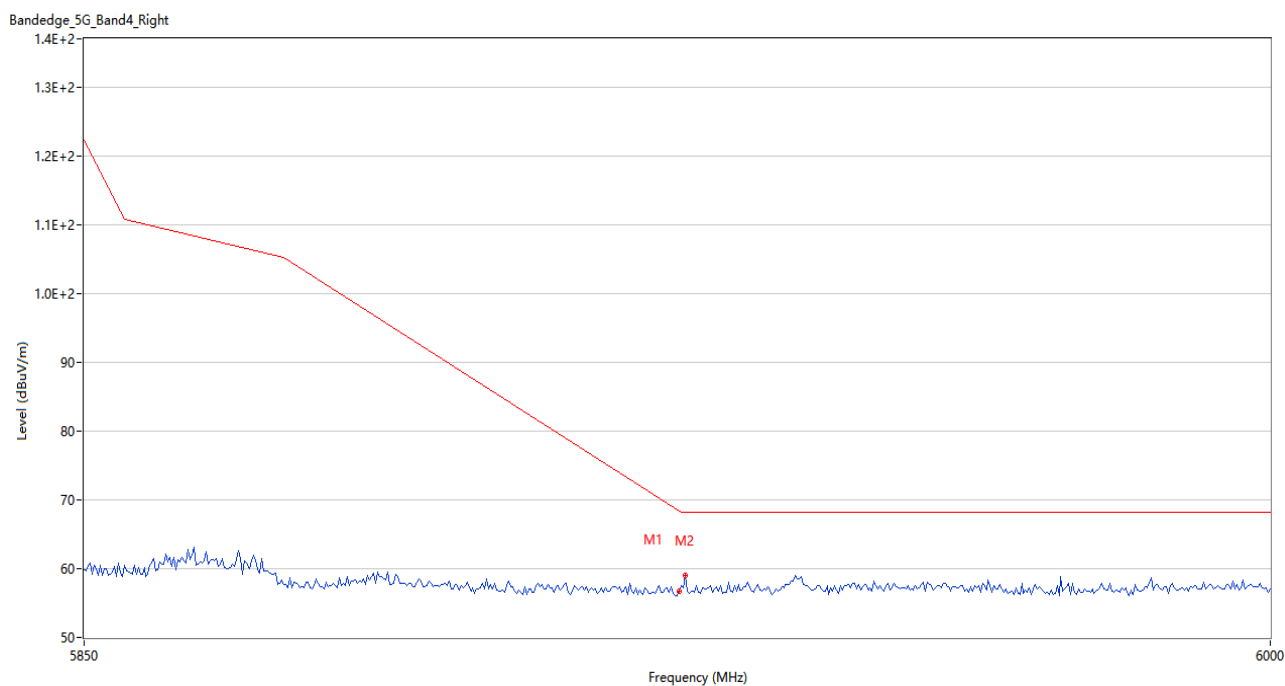
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 58.09            | 4.24        | 68.4           | -10.31          | Peak     | 119.00         | 100         | Horizontal | Pass    |
| 2   | 5940.000        | 59.56            | 4.59        | 68.2           | -8.64           | Peak     | 112.00         | 150         | Horizontal | Pass    |

## U-NII-3 11n40 CH151



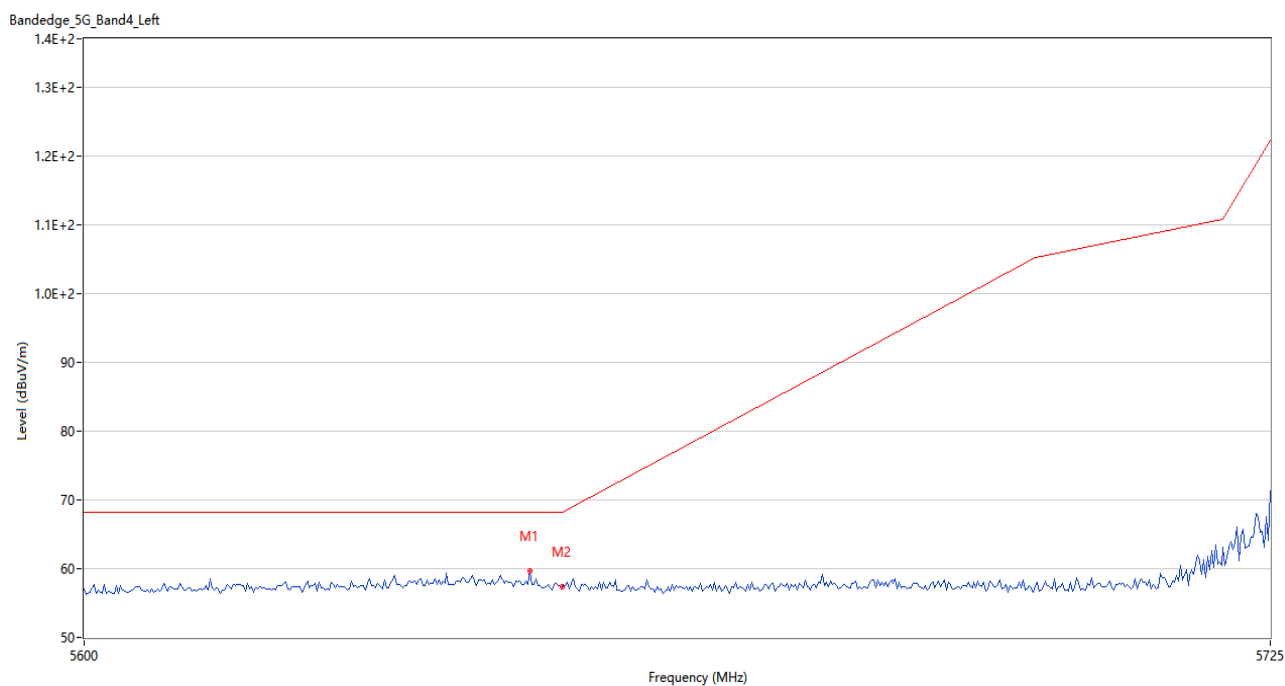
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5635.625        | 59.52            | 5.53        | 68.2           | -8.68           | Peak     | 20.00          | 200         | Horizontal | Pass    |
| 2   | 5650.000        | 57.82            | 4.91        | 68.2           | -10.38          | Peak     | 180.00         | 200         | Horizontal | Pass    |

## U-NII-3 11n40 CH159



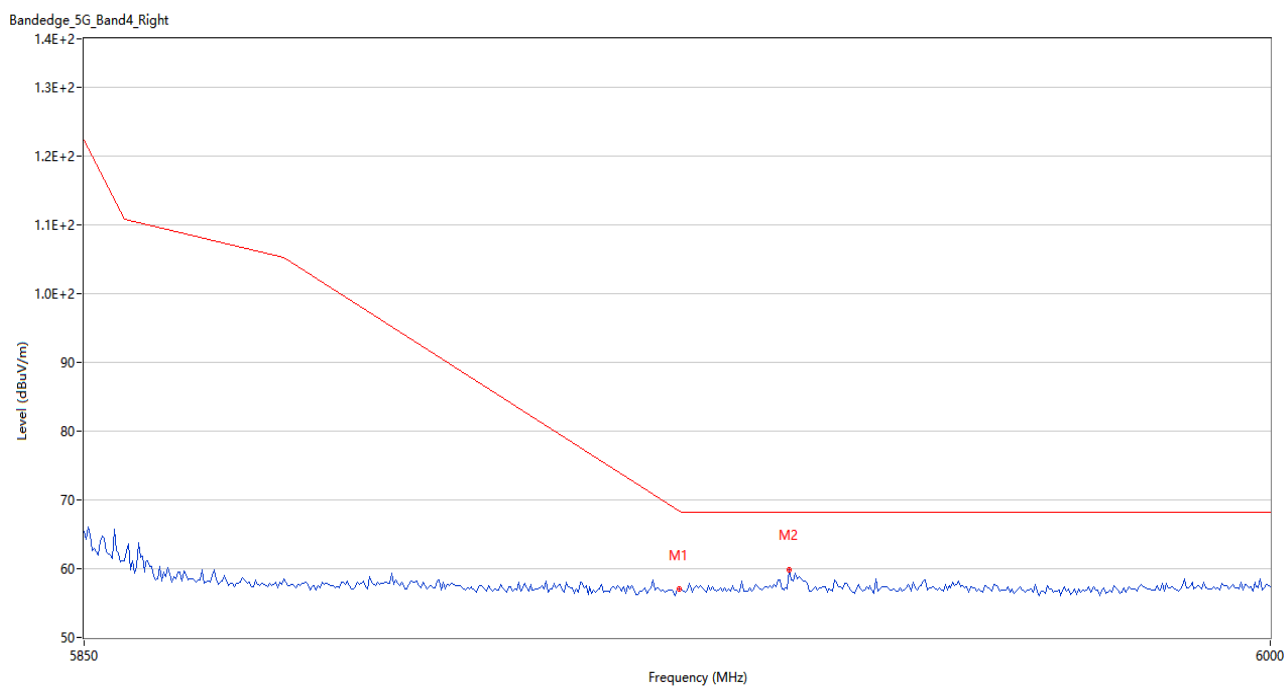
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 56.68            | 4.24        | 68.4           | -11.72          | Peak     | 150.00         | 150         | Horizontal | Pass    |
| 2   | 5925.500        | 59.03            | 4.28        | 68.2           | -9.17           | Peak     | 167.00         | 150         | Horizontal | Pass    |

## U-NII-3 11ac20 CH149



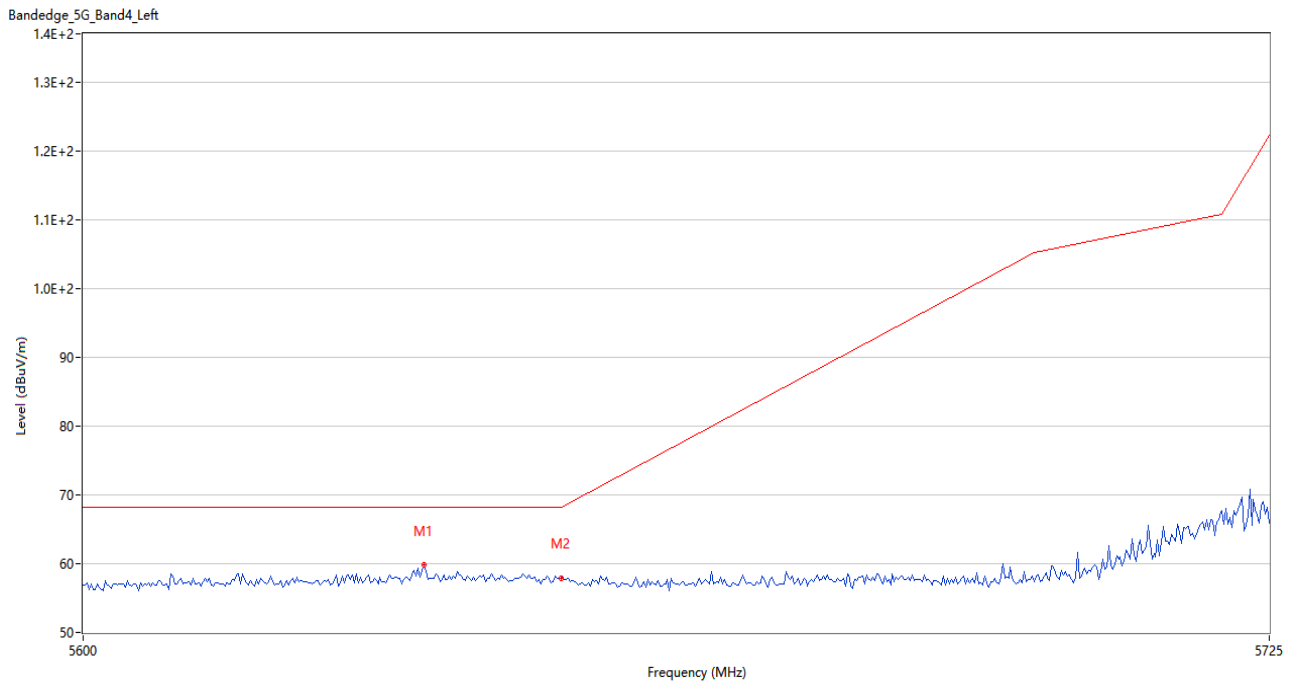
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5646.667        | 59.68            | 5.06        | 68.2           | -8.52           | Peak     | 329.00         | 100         | Horizontal | Pass    |
| 2   | 5650.000        | 57.45            | 4.91        | 68.2           | -10.75          | Peak     | 310.00         | 150         | Horizontal | Pass    |

## U-NII-3 11ac20 CH165



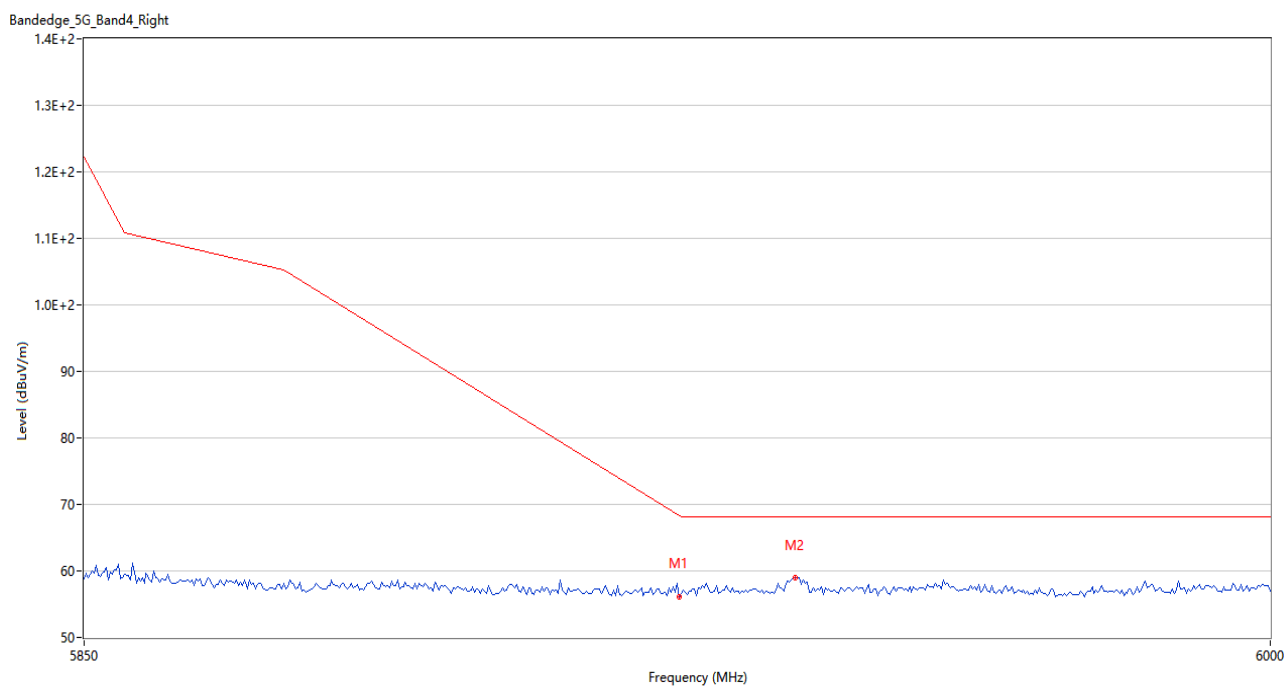
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 57.03            | 4.24        | 68.4           | -11.37          | Peak     | 50.00          | 100         | Horizontal | Pass    |
| 2   | 5938.750        | 59.84            | 4.54        | 68.2           | -8.36           | Peak     | 317.00         | 200         | Horizontal | Pass    |

## U-NII-3 11ac40 CH151



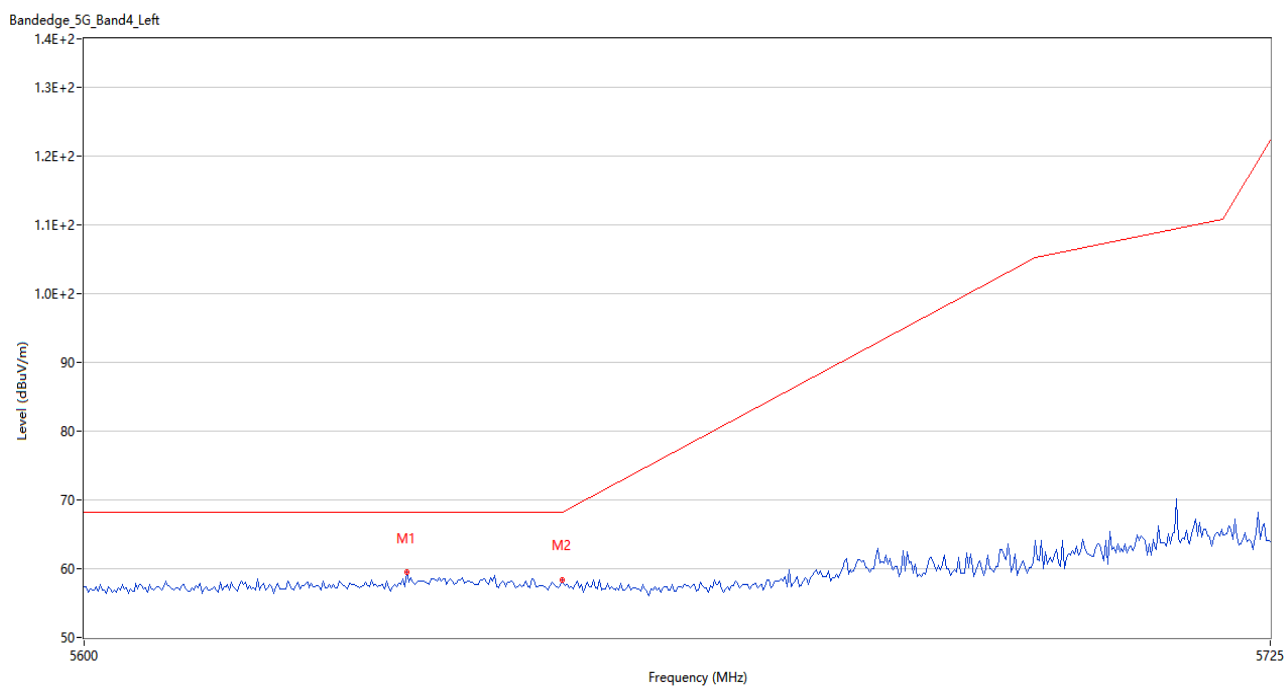
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5635.625        | 59.82            | 5.53        | 68.2           | -8.38           | Peak     | 283.00         | 150         | Horizontal | Pass    |
| 2   | 5650.000        | 57.88            | 4.91        | 68.2           | -10.32          | Peak     | 336.00         | 200         | Horizontal | Pass    |

## U-NII-3 11ac40 CH159



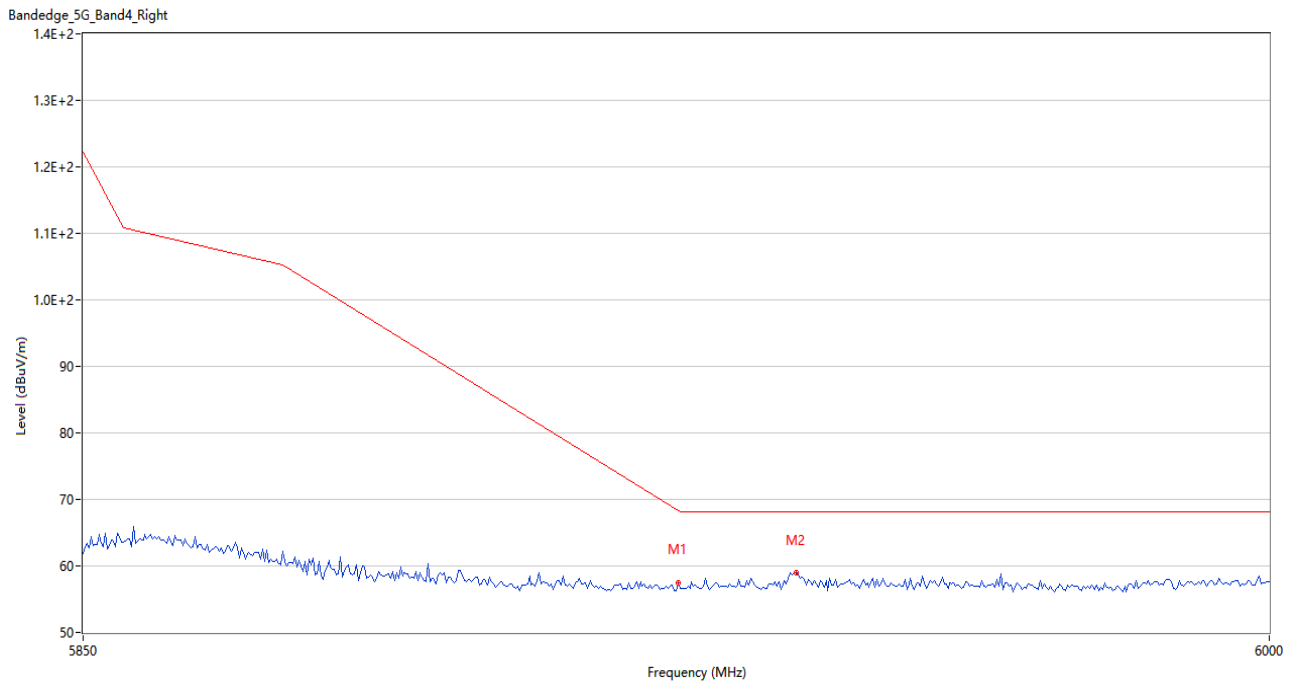
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 56.13            | 4.24        | 68.4           | -12.27          | Peak     | 221.00         | 100         | Horizontal | Pass    |
| 2   | 5939.500        | 58.97            | 4.54        | 68.2           | -9.23           | Peak     | 52.00          | 150         | Horizontal | Pass    |

## U-NII-3 11ac80 CH155



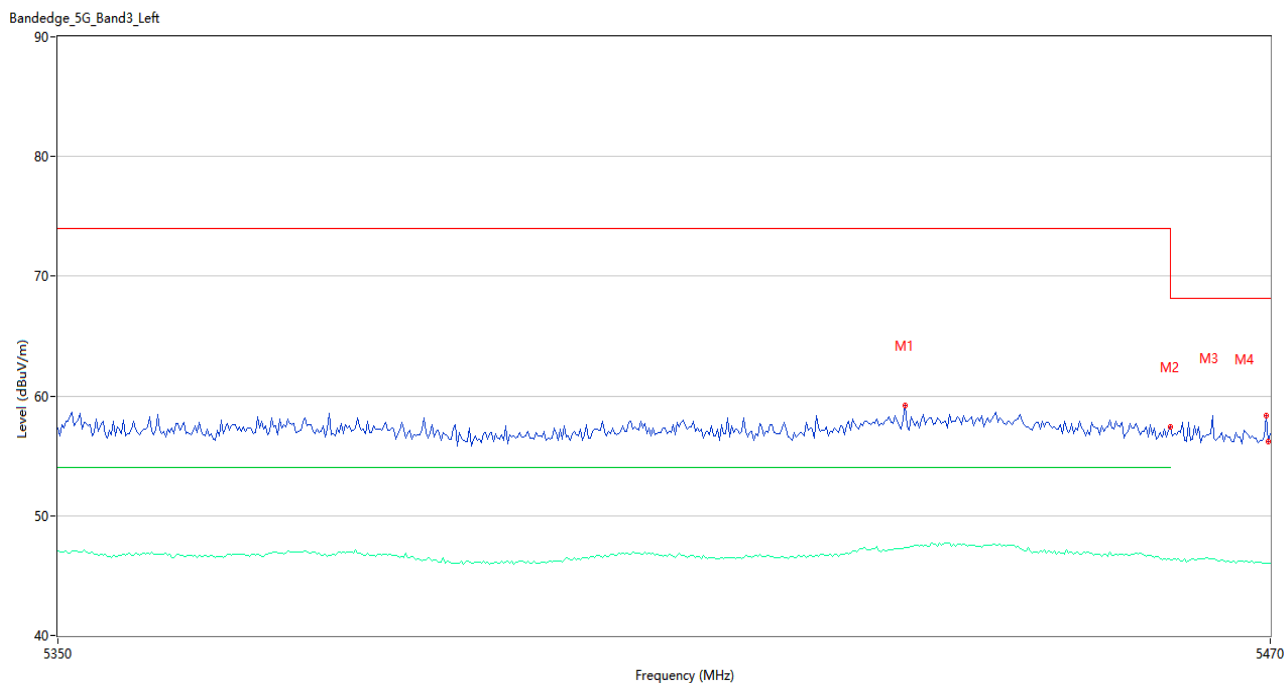
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5633.750        | 59.50            | 5.38        | 68.2           | -8.70           | Peak     | 185.00         | 100         | Horizontal | Pass    |
| 2   | 5650.000        | 58.37            | 4.91        | 68.2           | -9.83           | Peak     | 202.00         | 100         | Horizontal | Pass    |

## U-NII-3 11ac80 CH155



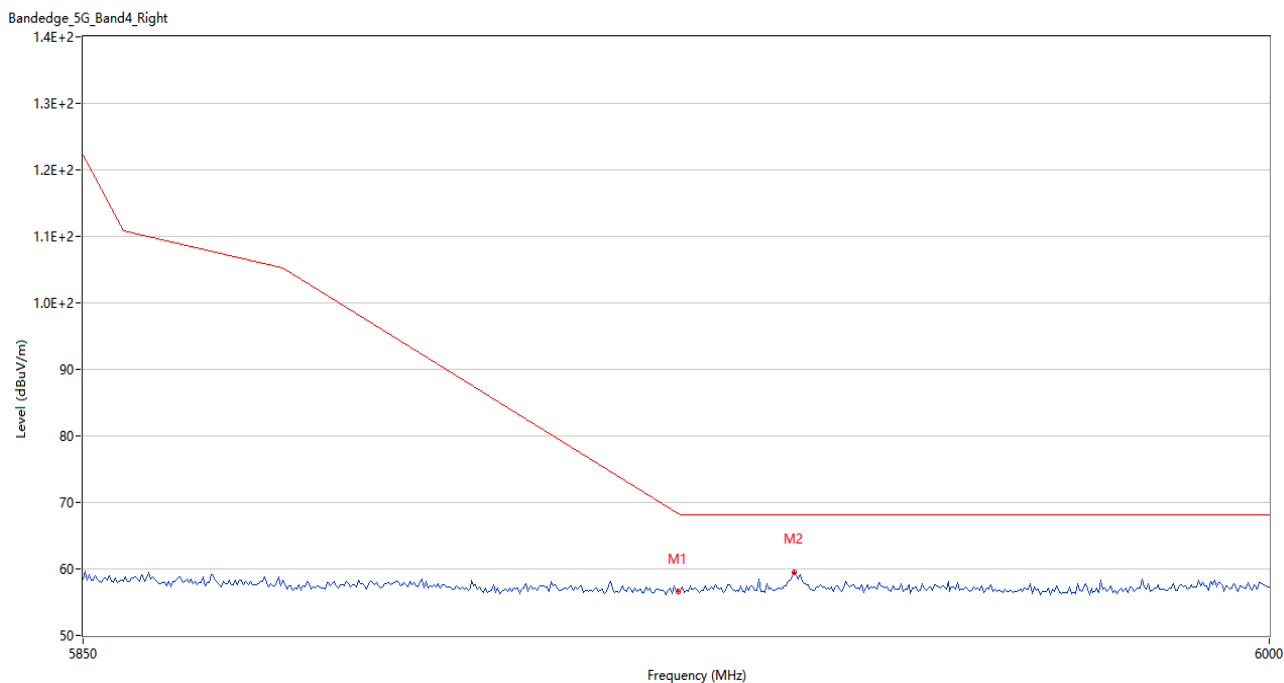
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 57.54            | 4.24        | 68.4           | -10.86          | Peak     | 13.00          | 200         | Horizontal | Pass    |
| 2   | 5939.750        | 58.91            | 4.57        | 68.2           | -9.29           | Peak     | 82.00          | 100         | Horizontal | Pass    |

## U-NII-2C&amp;U-NII-3 11a CH144



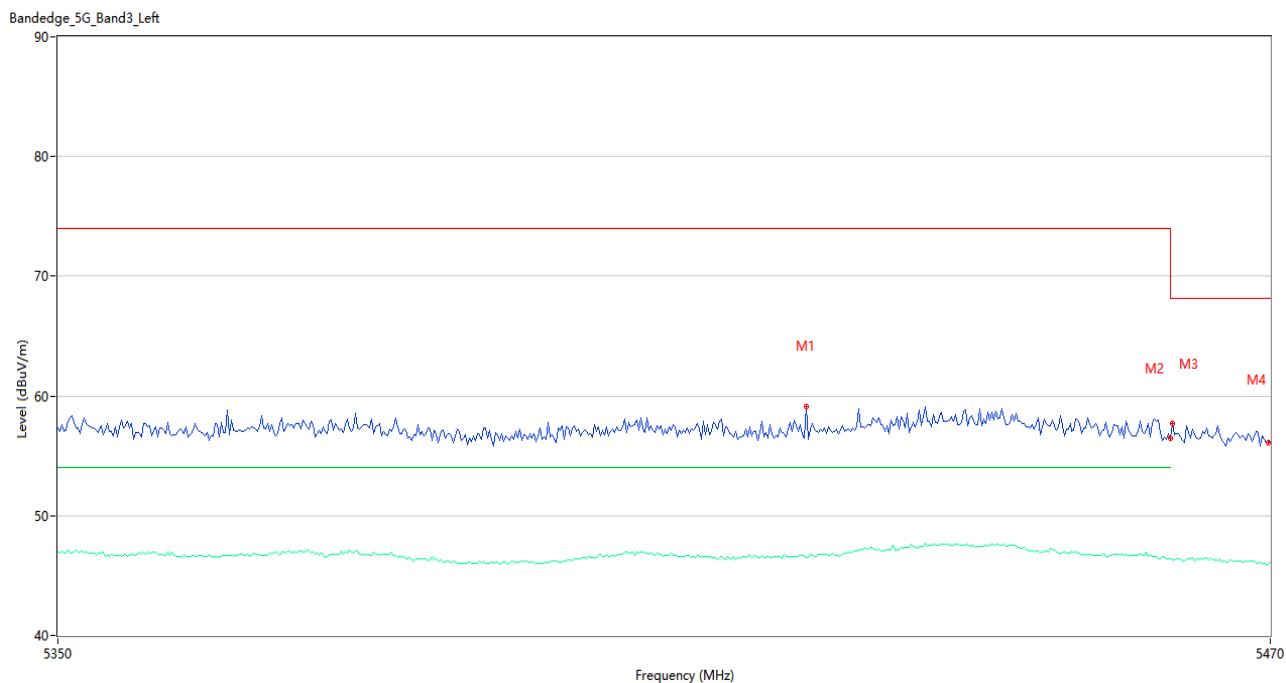
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5433.600        | 59.23            | 4.77        | 74.0           | -14.77          | Peak     | 187.00         | 100         | Horizontal | Pass    |
| 1** | 5433.600        | 47.32            | 4.77        | 54.0           | -6.68           | AV       | 187.00         | 100         | Horizontal | Pass    |
| 2   | 5460.000        | 57.44            | 4.23        | 74.0           | -16.56          | Peak     | 313.00         | 100         | Horizontal | Pass    |
| 2** | 5460.000        | 46.33            | 4.23        | 54.0           | -7.67           | AV       | 313.00         | 100         | Horizontal | Pass    |
| 3   | 5469.600        | 58.40            | 3.80        | 68.2           | -9.80           | Peak     | 155.00         | 150         | Horizontal | Pass    |
| 3** | 5469.600        | 46.01            | 3.80        | --             | --              | AV       | 155.00         | 150         | Horizontal | N/A     |
| 4   | 5469.800        | 56.17            | 3.78        | 68.2           | -12.03          | Peak     | 139.00         | 200         | Horizontal | Pass    |
| 4** | 5469.800        | 45.99            | 3.78        | --             | --              | AV       | 139.00         | 200         | Horizontal | N/A     |

## U-NII-2C&amp;U-NII-3 11a CH144



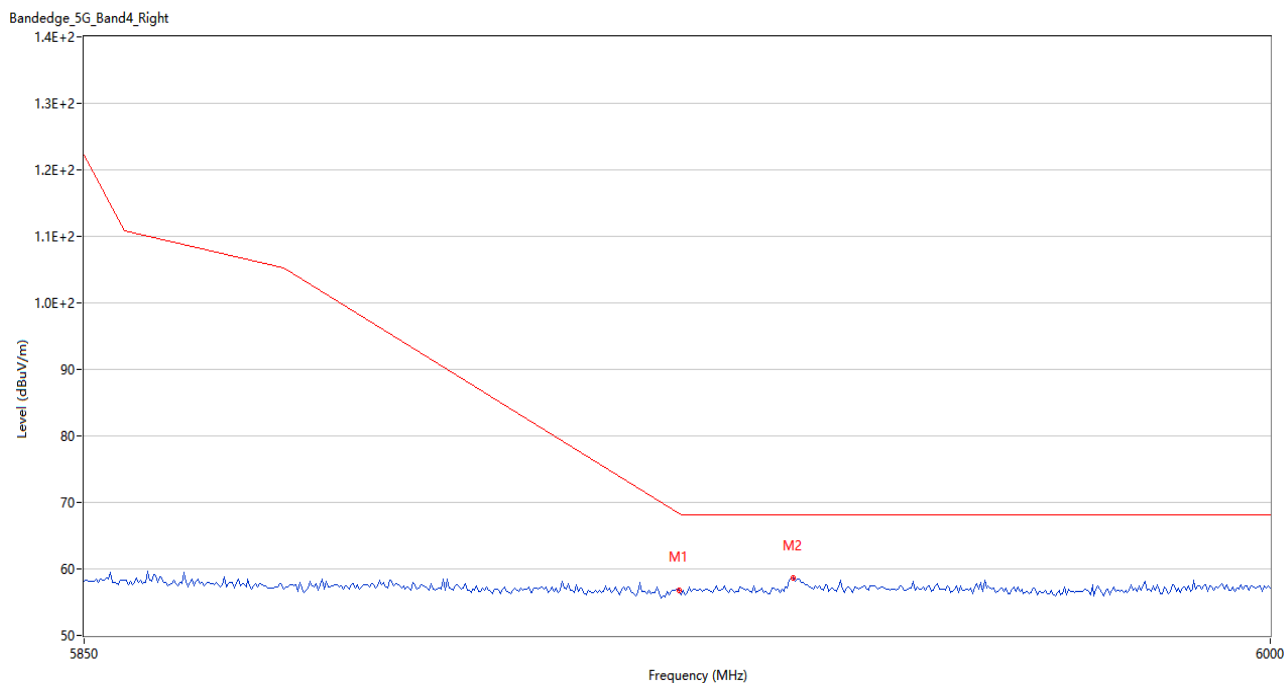
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 56.53            | 4.24        | 68.4           | -11.87          | Peak     | 341.00         | 100         | Horizontal | Pass    |
| 2   | 5939.500        | 59.54            | 4.54        | 68.2           | -8.66           | Peak     | 251.00         | 100         | Horizontal | Pass    |

## U-NII-2C&amp;U-NII-3 11n20 CH144



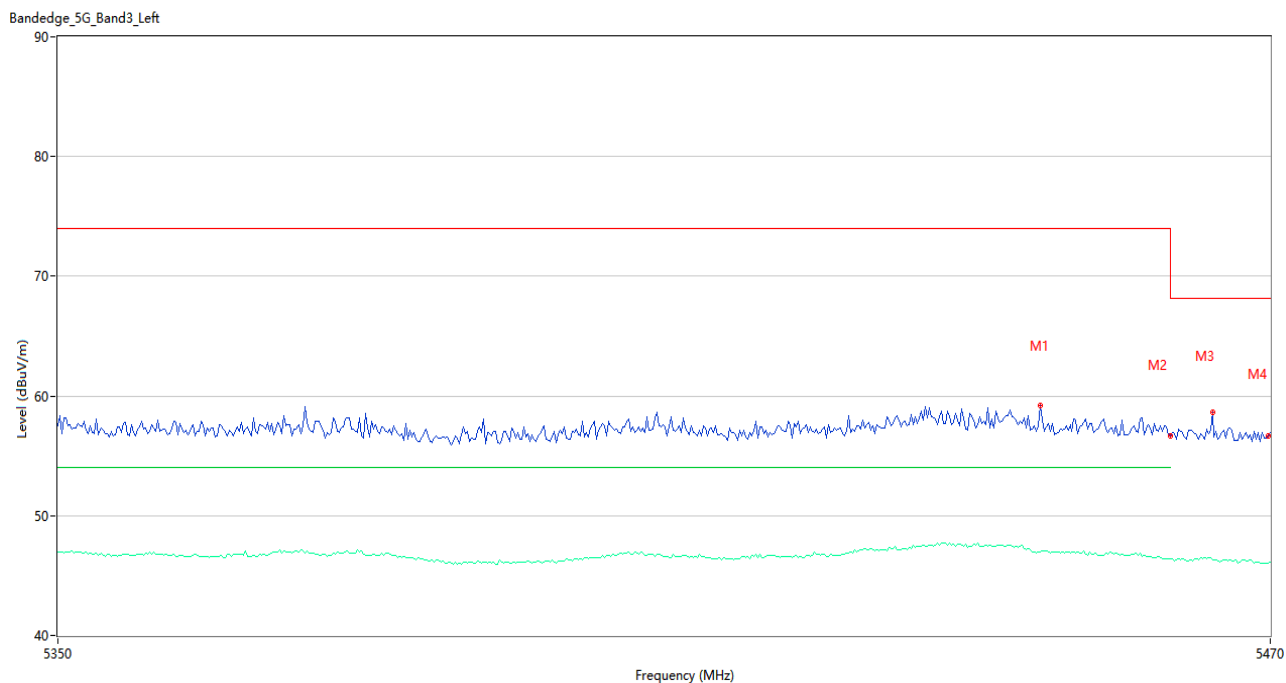
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5423.800        | 59.16            | 4.13        | 74.0           | -14.84          | Peak     | 111.00         | 200         | Horizontal | Pass    |
| 1** | 5423.800        | 46.47            | 4.13        | 54.0           | -7.53           | AV       | 111.00         | 200         | Horizontal | Pass    |
| 2   | 5460.000        | 56.46            | 4.23        | 74.0           | -17.54          | Peak     | 228.00         | 100         | Horizontal | Pass    |
| 2** | 5460.000        | 46.32            | 4.23        | 54.0           | -7.68           | AV       | 228.00         | 100         | Horizontal | Pass    |
| 3   | 5460.200        | 57.67            | 4.21        | 68.2           | -10.53          | Peak     | 160.00         | 200         | Horizontal | Pass    |
| 3** | 5460.200        | 46.32            | 4.21        | --             | --              | AV       | 160.00         | 200         | Horizontal | N/A     |
| 4   | 5469.800        | 55.94            | 3.78        | 68.2           | -12.26          | Peak     | 332.00         | 200         | Horizontal | Pass    |
| 4** | 5469.800        | 45.93            | 3.78        | --             | --              | AV       | 332.00         | 200         | Horizontal | N/A     |

## U-NII-2C&amp;U-NII-3 11n20 CH144



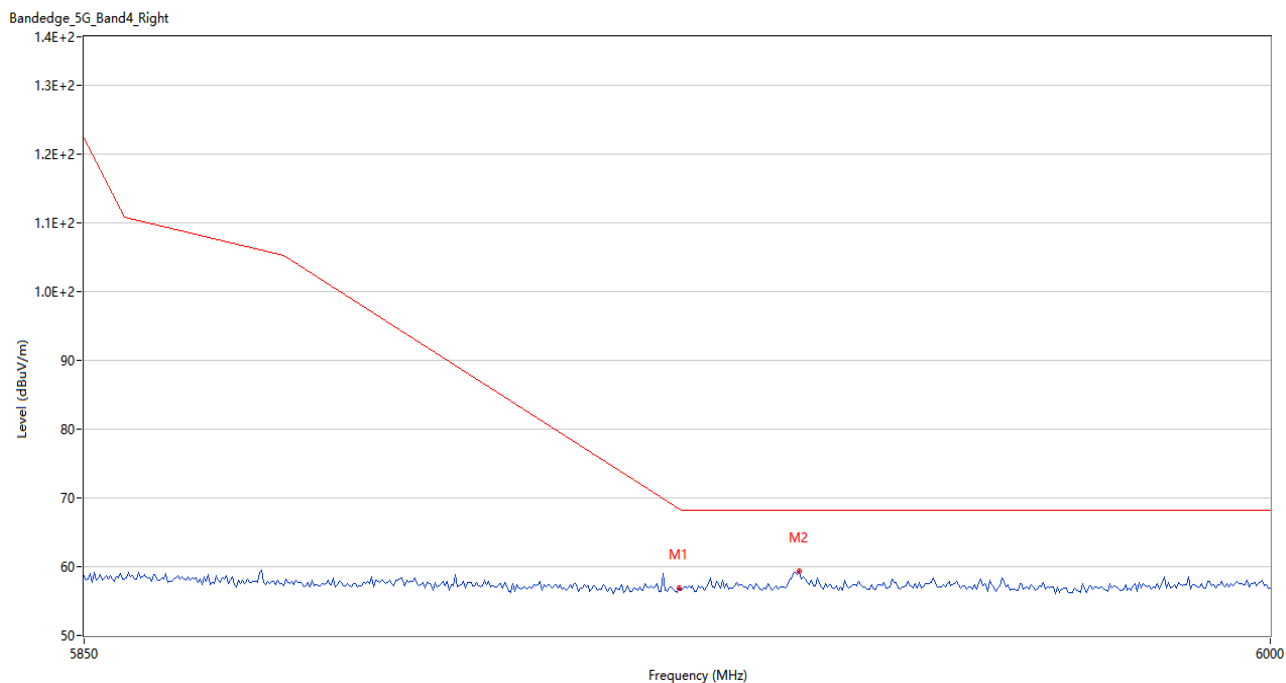
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 56.51            | 4.24        | 68.4           | -11.89          | Peak     | 15.00          | 100         | Horizontal | Pass    |
| 2   | 5939.250        | 58.58            | 4.54        | 68.2           | -9.62           | Peak     | 30.00          | 200         | Horizontal | Pass    |

## U-NII-2C&amp;U-NII-3 11ac20 CH144



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5447.000        | 59.23            | 4.52        | 74.0           | -14.77          | Peak     | 125.00         | 150         | Horizontal | Pass    |
| 1** | 5447.000        | 46.99            | 4.52        | 54.0           | -7.01           | AV       | 125.00         | 150         | Horizontal | Pass    |
| 2   | 5460.000        | 56.63            | 4.23        | 74.0           | -17.37          | Peak     | 37.00          | 150         | Horizontal | Pass    |
| 2** | 5460.000        | 46.28            | 4.23        | 54.0           | -7.72           | AV       | 37.00          | 150         | Horizontal | Pass    |
| 3   | 5464.200        | 58.65            | 4.17        | 68.2           | -9.55           | Peak     | 107.00         | 200         | Horizontal | Pass    |
| 3** | 5464.200        | 46.29            | 4.17        | --             | --              | AV       | 107.00         | 200         | Horizontal | N/A     |
| 4   | 5469.800        | 56.66            | 3.78        | 68.2           | -11.54          | Peak     | 42.00          | 150         | Horizontal | Pass    |
| 4** | 5469.800        | 46.03            | 3.78        | --             | --              | AV       | 42.00          | 150         | Horizontal | N/A     |

## U-NII-2C&amp;U-NII-3, 11ac20 CH144



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 56.87            | 4.24        | 68.4           | -11.53          | Peak     | 267.00         | 150         | Horizontal | Pass    |
| 2   | 5940.000        | 59.31            | 4.59        | 68.2           | -8.89           | Peak     | 25.00          | 150         | Horizontal | Pass    |

## **ANNEX B TEST SETUP PHOTOS**

Please refer the document “BL-SZ2260422-AR.PDF”.

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document “BL-SZ2260422-AW.PDF”.

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document “BL-SZ2260422-AI.PDF”.

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--END OF REPORT--