

# TEST REPORT

**Applicant:** E&S International Enterprises, Inc.  
**Address:** 7801 Hayvenhurst Avenue Van Nuys, California  
91406, USA  
**Equipment Type:** 10" Tablet  
**Model Name:** GATM11022-BK (refer section 2.4)  
**Brand Name:** Gateway  
**FCC ID:** 2AYPE-GATM11022  
**Test Standard:** 47 CFR Part 15 Subpart E  
(refer section 3.1)  
**Test Date:** Aug. 03, 2022 - Aug. 18, 2022  
**Date of Issue:** Sep. 02, 2022

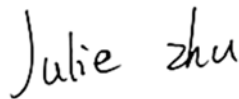
**ISSUED BY:**

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Julie zhu

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



| <b>Revision History</b> |                      |                      |
|-------------------------|----------------------|----------------------|
| Version                 | Issue Date           | Revisions            |
| <u>Rev. 01</u>          | <u>Sep. 02, 2022</u> | <u>Initial Issue</u> |

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# 1 GENERAL INFORMATION

## 1.1 Test Laboratory

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

## 1.2 Test Location

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

## 2 PRODUCT INFORMATION

### 2.1 Applicant Information

|           |   |
|-----------|---|
| Applicant | E&S International Enterprises, Inc.                     |
| Address   | 7801 Hayvenhurst Avenue Van Nuys, California 91406, USA |

### 2.2 Manufacturer Information

|              |  |
|--------------|--|
| Manufacturer | HENA GROUP COMPANY LIMITED   |
| Address      | ROOM 2205, WESTLANDS CENTRE, 20 WESTLAND ROAD, QUARRY BAY, HONG KONG |

### 2.3 Factory Information

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

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

|   |   |
|---|---|
| EUT Name                                  | 10" Tablet  |
| Model Name Under Test                     | GATM11022-BK  |
| Series Model Name                         | GATM11022-** (* stands for A-Z)   |
| Description of Model name differentiation | All models are same with electrical parameters and internal circuit structure, but only differ in shell color and model name. (this information provided by the customer) |
| Hardware Version                          | M862P   |
| Software Version                          | Android 12  |
| Dimensions (Approx.)                      | N/A   |
| Weight (Approx.)                          | N/A   |

## 2.5 Technical Information

|                                   |   |
|-----------------------------------|---|
| Network and Wireless connectivity | Bluetooth (BR+EDR+BLE)<br>WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac<br>U-NII-1/2A/2C/3 |
|-----------------------------------|---|

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: 11.42 dBm<br>U-NII-2A: 11.49 dBm<br>U-NII-2C: 8.32 dBm<br>U-NII-3: 8.32 dBm  |
| Antenna System (eg.,<br>MIMO, Smart Antenna)                  | N/A   |
| Categorization as<br>Correlated or Completely<br>Uncorrelated | N/A   |
| Antenna Type  | FPC Antenna   |
| Antenna Gain  | 2.11 dBi  |
| About the Product   | The equipment is 10" Tablet, 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.

|                       |                                   |
|-----------------------|-----------------------------------|
| Test Software Version | Device bulid-in engneer test mode |
|-----------------------|-----------------------------------|

| U-NII-1 (5150 - 5250 MHz) Power level setup in software |         |                 |          |
|---|---------|-----------------|----------|
| Mode  | Channel | Frequency (MHz) | Soft Set |
| 11a   | CH36    | 5180            | 13.0     |
| 11a   | CH44    | 5220            | 13.0     |
| 11a   | CH48    | 5240            | 12.5     |
| 11n (HT20)  | CH36    | 5180            | 12.0     |
| 11n (HT20)  | CH44    | 5220            | 12.0     |
| 11n (HT20)  | CH48    | 5240            | 12.5     |
| 11n (HT40)  | CH38    | 5190            | 12.5     |
| 11n (HT40)  | CH46    | 5230            | 12.0     |
| 11ac (VHT20)  | CH36    | 5180            | 11.0     |
| 11ac (VHT20)  | CH44    | 5220            | 11.0     |
| 11ac (VHT20)  | CH48    | 5240            | 10.5     |
| 11ac (VHT40)  | CH38    | 5190            | 11.0     |
| 11ac (VHT40)  | CH46    | 5230            | 11.0     |
| 11ac (VHT80)  | CH42    | 5210            | 11.0     |

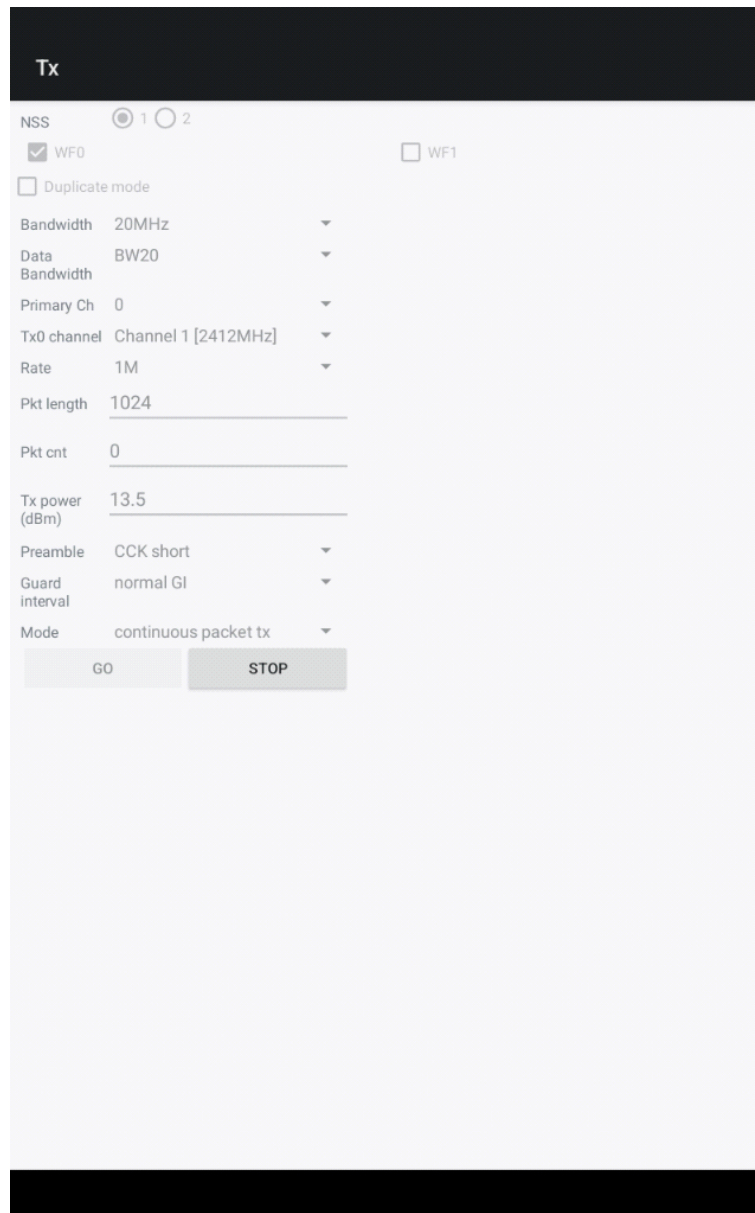
| U-NII-2A (5250 - 5350 MHz) Power level setup in software |         |                 |          |
|--|---------|-----------------|----------|
| Mode   | Channel | Frequency (MHz) | Soft Set |
| 11a  | CH52    | 5260            | 12.5     |
| 11a  | CH60    | 5300            | 12.5     |
| 11a  | CH64    | 5320            | 12.5     |
| 11n (HT20)   | CH52    | 5260            | 12.0     |
| 11n (HT20)   | CH60    | 5300            | 12.0     |
| 11n (HT20)   | CH64    | 5320            | 12.0     |
| 11n (HT40)   | CH54    | 5270            | 11.5     |
| 11n (HT40)   | CH62    | 5310            | 11.5     |
| 11ac (VHT20)   | CH52    | 5260            | 11.0     |
| 11ac (VHT20)   | CH60    | 5300            | 10.5     |
| 11ac (VHT20)   | CH64    | 5320            | 10.5     |
| 11ac (VHT40)   | CH54    | 5270            | 11.0     |
| 11ac (VHT40)   | CH62    | 5310            | 11.0     |
| 11ac (VHT80)   | CH58    | 5290            | 11.5     |

| U-NII-2C (5470 - 5725 MHz) Power level setup in software |         |                 |          |
|--|---------|-----------------|----------|
| Mode   | Channel | Frequency (MHz) | Soft Set |
| 11a  | CH100   | 5500            | 11.0     |
| 11a  | CH116   | 5580            | 11.0     |
| 11a  | CH140   | 5700            | 11.0     |
| 11n (HT20)   | CH100   | 5500            | 10.5     |
| 11n (HT20)   | CH116   | 5580            | 10.5     |
| 11n (HT20)   | CH140   | 5700            | 10.0     |
| 11n (HT40)   | CH102   | 5510            | 10.0     |
| 11n (HT40)   | CH118   | 5590            | 10.5     |
| 11n (HT40)   | CH134   | 5670            | 11.0     |
| 11ac (VHT20)   | CH100   | 5500            | 9.5      |
| 11ac (VHT20)   | CH116   | 5580            | 10.0     |
| 11ac (VHT20)   | CH140   | 5700            | 9.0      |
| 11ac (VHT40)   | CH102   | 5510            | 9.0      |
| 11ac (VHT40)   | CH118   | 5590            | 9.5      |
| 11ac (VHT40)   | CH134   | 5670            | 10.0     |
| 11ac (VHT80)   | CH106   | 5530            | 10.0     |
| 11ac (VHT80)   | CH122   | 5610            | 9.5      |



| U-NII-3 (5725 - 5850 MHz) Power level setup in software |         |                 |          |
|---|---------|-----------------|----------|
| Mode  | Channel | Frequency (MHz) | Soft Set |
| 11a   | CH149   | 5745            | 10.5     |
| 11a   | CH157   | 5785            | 11.0     |
| 11a   | CH165   | 5825            | 10.0     |
| 11n (HT20)  | CH149   | 5745            | 10.0     |
| 11n (HT20)  | CH157   | 5785            | 10.0     |
| 11n (HT20)  | CH165   | 5825            | 9.5      |
| 11n (HT40)  | CH151   | 5755            | 10.5     |
| 11n (HT40)  | CH159   | 5795            | 9.5      |
| 11ac (VHT20)  | CH149   | 5745            | 9.5      |
| 11ac (VHT20)  | CH157   | 5785            | 9.0      |
| 11ac (VHT20)  | CH165   | 5825            | 8.5      |
| 11ac (VHT40)  | CH151   | 5755            | 9.5      |
| 11ac (VHT40)  | CH159   | 5795            | 9.0      |
| 11ac (VHT80)  | CH155   | 5775            | 9.0      |

Run Software:



The screenshot shows a software interface for configuring transmission parameters. The title bar is black with the text 'Tx' in white. Below the title bar, there are several settings:

- NSS**: Radio buttons for 1 (selected) and 2.
- WF0**: A checked checkbox.
- WF1**: An unchecked checkbox.
- Duplicate mode**: An unchecked checkbox.
- Bandwidth**: 20MHz (dropdown arrow).
- Data Bandwidth**: BW20 (dropdown arrow).
- Primary Ch**: 0 (dropdown arrow).
- Tx0 channel**: Channel 1 [2412MHz] (dropdown arrow).
- Rate**: 1M (dropdown arrow).
- Pkt length**: 1024 (text input field).
- Pkt cnt**: 0 (text input field).
- Tx power (dBm)**: 13.5 (text input field).
- Preamble**: CCK short (dropdown arrow).
- Guard interval**: normal GI (dropdown arrow).
- Mode**: continuous packet tx (dropdown arrow).

At the bottom of the settings list, there are two buttons: 'GO' and 'STOP'.

## 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>     | <b>122</b>     | <b>5610</b>     |
| <b>52</b>      | <b>5260</b>     | <b>102</b>     | <b>5510</b>     | <b>155</b>     | <b>5775</b>     |
| 56             | 5280            | 110            | 5550            |                |                 |
| <b>60</b>      | <b>5300</b>     | <b>118</b>     | <b>5590</b>     |                |                 |
| <b>64</b>      | <b>5320</b>     | <b>134</b>     | <b>5670</b>     |                |                 |
| <b>100</b>     | <b>5500</b>     | <b>151</b>     | <b>5755</b>     |                |                 |
| 104            | 5520            | <b>159</b>     | <b>5795</b>     |                |                 |
| 108            | 5540            |                |                 |                |                 |
| 112            | 5560            |                |                 |                |                 |
| <b>116</b>     | <b>5580</b>     |                |                 |                |                 |
| 136            | 5680            |                |                 |                |                 |
| <b>140</b>     | <b>5700</b>     |                |                 |                |                 |
| <b>149</b>     | <b>5745</b>     |                |                 |                |                 |
| 153            | 5765            |                |                 |                |                 |
| <b>157</b>     | <b>5785</b>     |                |                 |                |                 |
| 161            | 5805            |                |                 |                |                 |
| <b>165</b>     | <b>5825</b>     |                |                 |                |                 |

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

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

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

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

## For 802.11n(HT40)/ac(VHT40)

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

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

### 3 SUMMARY OF TEST RESULTS

#### 3.1 Test Standards

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

#### 3.2 Test Verdict

| No. | Description  | FCC Part No. | Test Result | Verdict               |
|-----|--|--------------|-------------|-----------------------|
| 1   | Antenna Requirement  | 15.203       | --          | Pass <sup>Note1</sup> |
| 2   | RF Output Power  | 15.407(a)    | ANNEX A.1   | Pass                  |
| 3   | Emission Bandwidth<br>& 99% Occupied Bandwidth                 | 15.407(a)    | ANNEX A.2   | Pass                  |
| 4   | 6 dB bandwidth   | 15.407(e)    | ANNEX A.3   | Pass                  |
| 5   | Power Spectral Density   | 15.407(a)    | ANNEX A.4   | Pass                  |
| 6   | Conducted Emission   | 15.207       | ANNEX A.5   | Pass                  |
| 7   | Radiated Spurious Emissions and<br>Band 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          | 49% to 61%              |                    |
| Atmospheric Pressure       | 100 kPa to 102 kPa      |                    |
| Temperature                | NT (Normal Temperature) | +22.4°C to +24.7°C |
|                            | LT (Low Temperature)    | 0°C                |
|                            | HT (High Temperature)   | +40°C              |
| Working Voltage of the EUT | NV (Normal Voltage)     | 3.8 V              |
|                            | LV (Low Voltage)        | 3.5 V              |
|                            | HV (High Voltage)       | 4.2 V              |

### 4.2 Test Equipment List

| Description                           | Manufacturer                  | Model              | Serial No. | Cal. Date  | Cal. Due   |
|---------------------------------------|-------------------------------|--------------------|------------|------------|------------|
| Spectrum Analyzer                     | KEYSIGHT                      | N9020A             | MY50330200 | 2022.05.19 | 2023.05.18 |
| Power Sensor                          | ROHDE&SCHWARZ                 | NRP18S             | 102521     | 2022.03.09 | 2023.03.08 |
| Spectrum Analyzer                     | ROHDE&SCHWARZ                 | FSV-40             | 101544     | 2022.01.04 | 2023.01.03 |
| Spectrum Analyzer                     | KEYSIGHT                      | N9020A             | MY52510065 | 2021.09.08 | 2022.09.07 |
| Signaling Unit                        | ROHDE&SCHWARZ                 | CMW500             | 171150     | 2022.06.29 | 2023.06.28 |
| Test Antenna-Horn<br>(1-18 GHz)       | SCHWARZBECK                   | BBHA<br>9120D      | 01631      | 2022.02.03 | 2025.02.02 |
| Test Antenna-Horn<br>(18-40 GHz)      | A-INFO                        | LB-<br>180400KF    | J211060273 | 2021.07.02 | 2024.07.01 |
| Anechoic Chamber                      | RAINFORD                      | 9m*6m*6m           | N/A        | 2021.09.04 | 2024.09.03 |
| Test Antenna-Bi-Log<br>(30 MHz-3 GHz) | SCHWARZBECK                   | VULB 9163          | 9163-624   | 2021.08.20 | 2024.08.19 |
| Test Antenna-Loop<br>(9 kHz-30 MHz)   | SCHWARZBECK                   | FMZB 1519          | 1519-037   | 2021.04.16 | 2024.04.15 |
| EMI Receiver                          | KEYSIGHT                      | N9038A             | MY53220118 | 2021.09.13 | 2022.09.12 |
| Anechoic Chamber                      | RAINFORD                      | 9m*6m*6m           | N/A        | 2020.03.16 | 2023.03.15 |
| EMI Receiver                          | KEYSIGHT                      | N9010B             | MY57110309 | 2021.10.10 | 2022.10.09 |
| LISN                                  | SCHWARZBECK                   | NSLK 8127          | 8127-687   | 2022.06.01 | 2023.05.31 |
| Shielded Enclosure                    | YiHeng Electronic<br>Co., Ltd | 3.5m*3.1m*<br>2.8m | N/A        | 2022.02.19 | 2025.02.18 |

### 4.3 Test Software List

| Description | Manufacturer | Software Version | Serial No. | Applicable test Setup               |
|-------------|--------------|------------------|------------|-------------------------------------|
| BL410R      | BALUN        | V2.1.1.488       | N/A        | The section 4.5.1                   |
| BL410E      | BALUN        | 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.

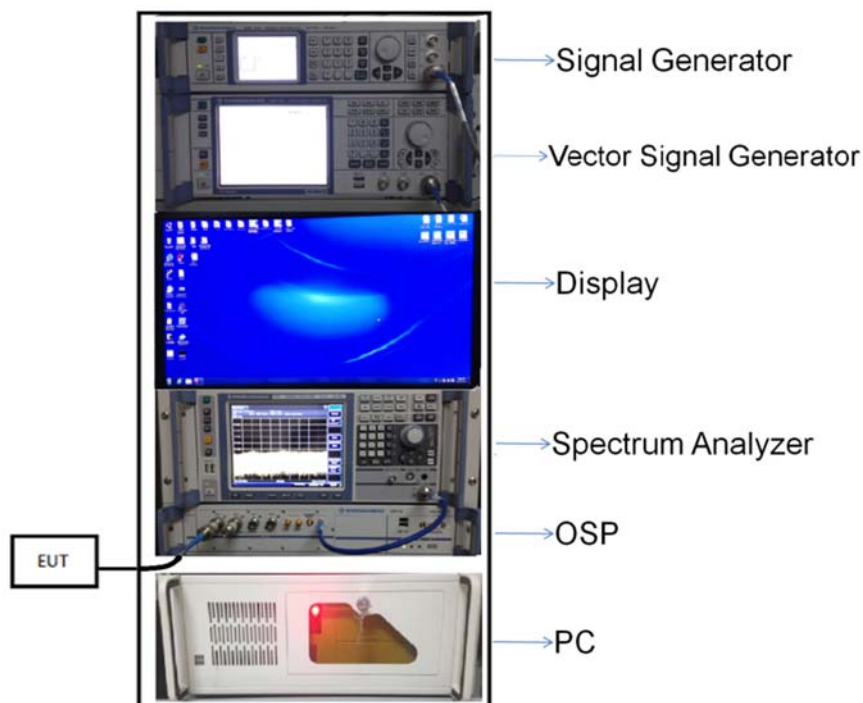
| Parameters                        | Uncertainty |
|-----------------------------------|-------------|
| Occupied Channel Bandwidth        | 2.8%        |
| RF output power, conducted        | 1.28 dB     |
| Power Spectral Density, conducted | 1.30 dB     |
| Unwanted Emissions, conducted     | 1.84 dB     |
| All emissions, radiated           | 5.36 dB     |
| Temperature                       | 0.82°C      |
| 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)

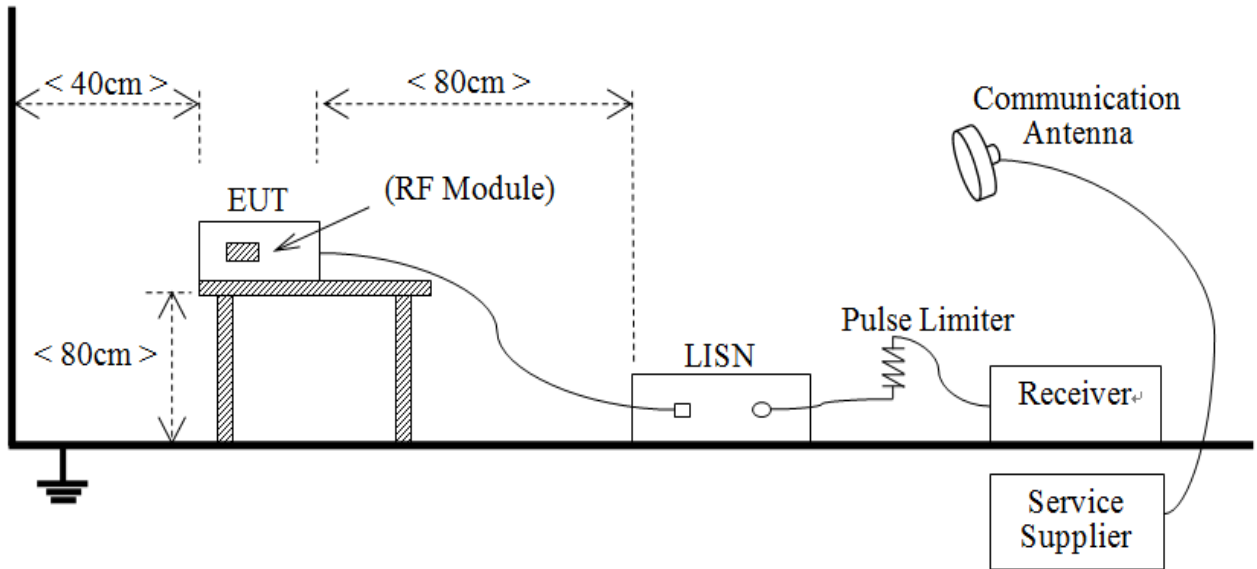
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:  
 Conducted value (dBm) = 10 dBm + 0.5 dB = 10.5 dBm



(Diagram 1)

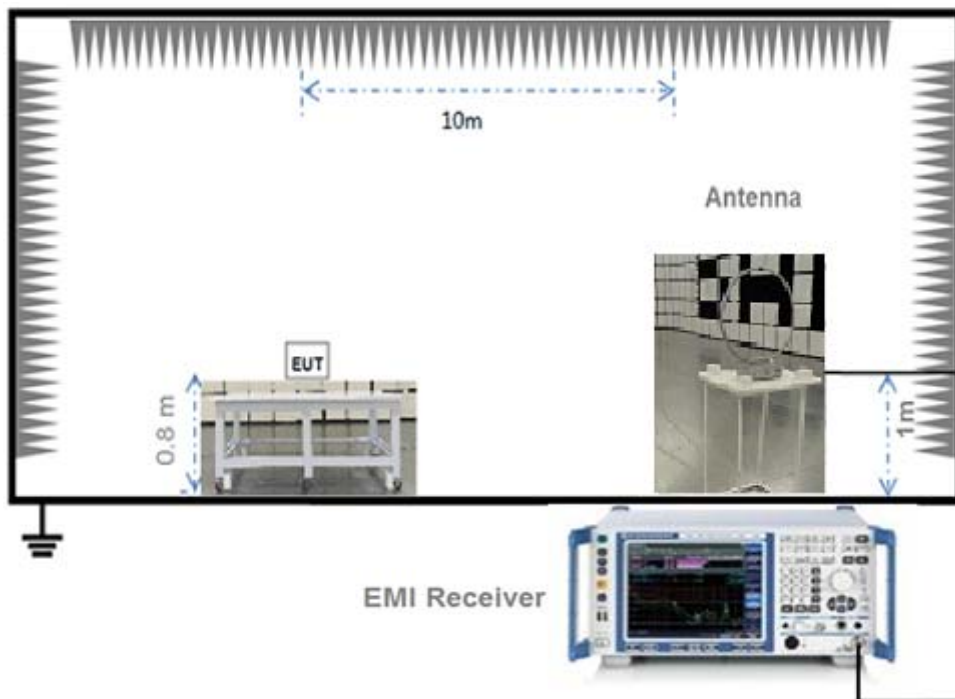


4.5.2 For AC Power Supply Port Test



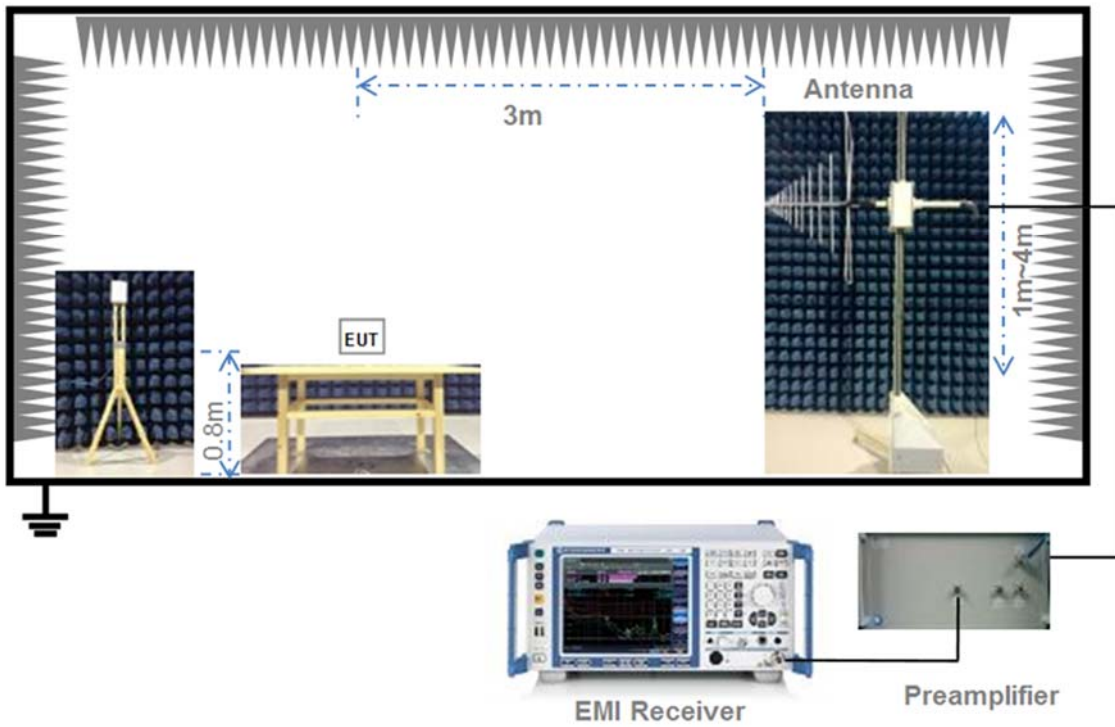
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



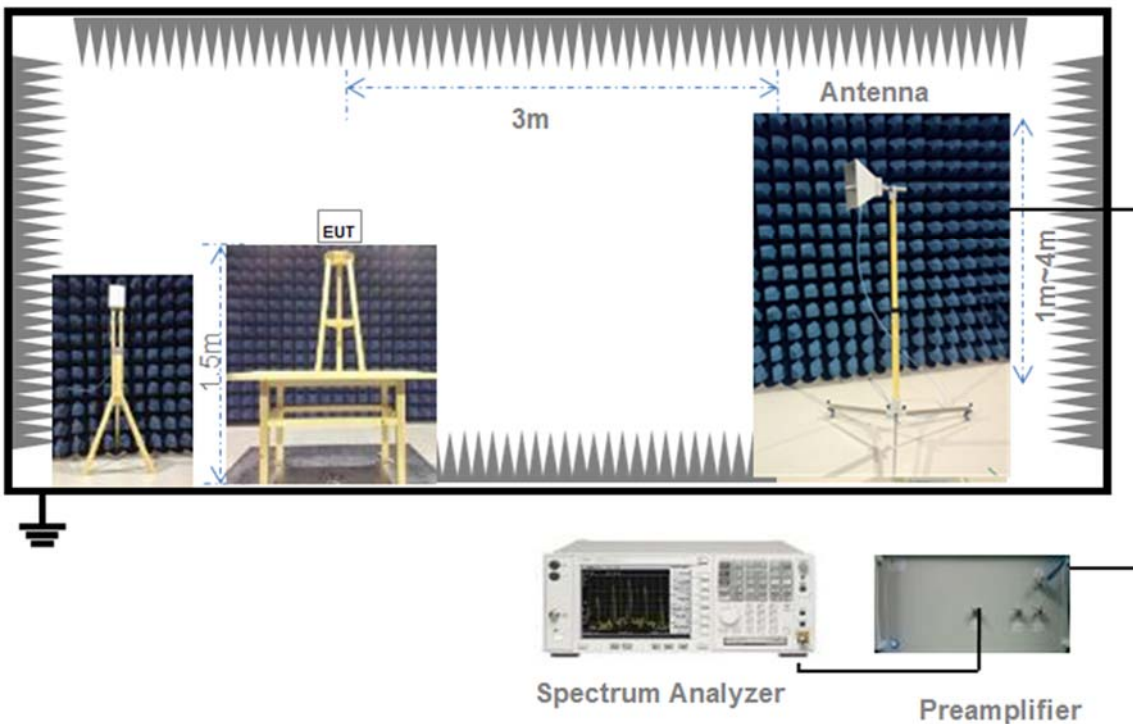
(Diagram 3)

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

Note<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: 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         | 1.44             | 96.87%     |
| 11n (HT20)/11ac (VHT20) | 1.31         | 1.36             | 96.76%     |
| 11n (HT40)/11ac (VHT40) | 0.65         | 0.70             | 93.42%     |
| 11ac (VHT80)            | 0.32         | 0.37             | 87.93%     |

#### Test Data

##### Conducted Power

| U-NII-1 (5150 - 5250 MHz) |         |                       |                      |                |         |
|---------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                      | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                       | CH36    | 11.06                 | 12.76                | 250            | Pass    |
| 11a                       | CH44    | 11.18                 | 13.12                | 250            | Pass    |
| 11a                       | CH48    | 11.42                 | 13.87                | 250            | Pass    |
| 11n (HT20)                | CH36    | 10.46                 | 11.12                | 250            | Pass    |
| 11n (HT20)                | CH44    | 10.09                 | 10.21                | 250            | Pass    |
| 11n (HT20)                | CH48    | 10.21                 | 10.50                | 250            | Pass    |
| 11n (HT40)                | CH38    | 10.39                 | 10.94                | 250            | Pass    |
| 11n (HT40)                | CH46    | 10.19                 | 10.45                | 250            | Pass    |
| 11ac (VHT20)              | CH36    | 9.43                  | 8.77                 | 250            | Pass    |
| 11ac (VHT20)              | CH44    | 9.36                  | 8.63                 | 250            | Pass    |
| 11ac (VHT20)              | CH48    | 9.21                  | 8.34                 | 250            | Pass    |
| 11ac (VHT40)              | CH38    | 9.31                  | 8.53                 | 250            | Pass    |
| 11ac (VHT40)              | CH46    | 9.41                  | 8.73                 | 250            | Pass    |
| 11ac (VHT80)              | CH42    | 9.31                  | 8.53                 | 250            | Pass    |

| U-NII-2A (5250 - 5350 MHz) |         |                       |                      |                |         |
|----------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                       | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                        | CH52    | 11.49                 | 14.09                | 250            | Pass    |
| 11a                        | CH60    | 11.42                 | 13.87                | 250            | Pass    |
| 11a                        | CH64    | 11.40                 | 13.80                | 250            | Pass    |
| 11n (HT20)                 | CH52    | 10.34                 | 10.81                | 250            | Pass    |
| 11n (HT20)                 | CH60    | 10.42                 | 11.02                | 250            | Pass    |
| 11n (HT20)                 | CH64    | 10.45                 | 11.09                | 250            | Pass    |
| 11n (HT40)                 | CH54    | 10.45                 | 11.09                | 250            | Pass    |
| 11n (HT40)                 | CH62    | 10.33                 | 10.79                | 250            | Pass    |
| 11ac (VHT20)               | CH52    | 9.30                  | 8.51                 | 250            | Pass    |
| 11ac (VHT20)               | CH60    | 9.18                  | 8.28                 | 250            | Pass    |
| 11ac (VHT20)               | CH64    | 9.19                  | 8.30                 | 250            | Pass    |
| 11ac (VHT40)               | CH54    | 9.41                  | 8.73                 | 250            | Pass    |
| 11ac (VHT40)               | CH62    | 9.31                  | 8.53                 | 250            | Pass    |
| 11ac (VHT80)               | CH58    | 9.35                  | 8.61                 | 250            | Pass    |

| U-NII-2C (5470 - 5725 MHz) |         |                       |                      |                |         |
|----------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                       | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                        | CH100   | 8.30                  | 6.76                 | 250            | Pass    |
| 11a                        | CH116   | 8.18                  | 6.58                 | 250            | Pass    |
| 11a                        | CH140   | 8.32                  | 6.79                 | 250            | Pass    |
| 11n (HT20)                 | CH100   | 7.26                  | 5.32                 | 250            | Pass    |
| 11n (HT20)                 | CH116   | 7.28                  | 5.35                 | 250            | Pass    |
| 11n (HT20)                 | CH140   | 7.23                  | 5.28                 | 250            | Pass    |
| 11n (HT40)                 | CH102   | 7.44                  | 5.55                 | 250            | Pass    |
| 11n (HT40)                 | CH118   | 7.43                  | 5.53                 | 250            | Pass    |
| 11n (HT40)                 | CH134   | 7.44                  | 5.55                 | 250            | Pass    |
| 11ac (VHT20)               | CH100   | 6.48                  | 4.45                 | 250            | Pass    |
| 11ac (VHT20)               | CH116   | 6.41                  | 4.38                 | 250            | Pass    |
| 11ac (VHT20)               | CH140   | 6.16                  | 4.13                 | 250            | Pass    |
| 11ac (VHT40)               | CH102   | 6.45                  | 4.42                 | 250            | Pass    |
| 11ac (VHT40)               | CH118   | 6.40                  | 4.37                 | 250            | Pass    |
| 11ac (VHT40)               | CH134   | 6.44                  | 4.41                 | 250            | Pass    |
| 11ac (VHT80)               | CH106   | 6.34                  | 4.31                 | 250            | Pass    |
| 11ac (VHT80)               | CH122   | 6.30                  | 4.27                 | 250            | Pass    |

| U-NII-3 (5725 - 5850 MHz) |         |                       |                      |                |         |
|---------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                      | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                       | CH149   | 8.06                  | 6.40                 | 1000           | Pass    |
| 11a                       | CH157   | 8.32                  | 6.79                 | 1000           | Pass    |
| 11a                       | CH165   | 7.86                  | 6.11                 | 1000           | Pass    |
| 11n (HT20)                | CH149   | 7.31                  | 5.38                 | 1000           | Pass    |
| 11n (HT20)                | CH157   | 7.32                  | 5.40                 | 1000           | Pass    |
| 11n (HT20)                | CH165   | 7.18                  | 5.22                 | 1000           | Pass    |
| 11n (HT40)                | CH151   | 7.46                  | 5.57                 | 1000           | Pass    |
| 11n (HT40)                | CH159   | 7.44                  | 5.55                 | 1000           | Pass    |
| 11ac (VHT20)              | CH149   | 6.17                  | 4.14                 | 1000           | Pass    |
| 11ac (VHT20)              | CH157   | 6.32                  | 4.29                 | 1000           | Pass    |
| 11ac (VHT20)              | CH165   | 6.17                  | 4.14                 | 1000           | Pass    |
| 11ac (VHT40)              | CH151   | 6.35                  | 4.32                 | 1000           | Pass    |
| 11ac (VHT40)              | CH159   | 6.31                  | 4.28                 | 1000           | Pass    |
| 11ac (VHT80)              | CH155   | 6.34                  | 4.31                 | 1000           | Pass    |

## A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2280104-604 Data Part 1.pdf".

### Test Data

| U-NII-1 (5150 - 5250 MHz) |         |                       |                     |
|---------------------------|---------|-----------------------|---------------------|
| Mode                      | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                       | CH36    | 20.18                 | 16.46               |
| 11a                       | CH44    | 20.10                 | 16.49               |
| 11a                       | CH48    | 19.99                 | 16.49               |
| 11n (HT20)                | CH36    | 20.39                 | 17.57               |
| 11n (HT20)                | CH44    | 20.31                 | 17.56               |
| 11n (HT20)                | CH48    | 20.37                 | 17.56               |
| 11n (HT40)                | CH38    | 40.58                 | 35.99               |
| 11n (HT40)                | CH46    | 40.60                 | 36.02               |
| 11ac (VHT20)              | CH36    | 20.35                 | 17.56               |
| 11ac (VHT20)              | CH44    | 20.32                 | 17.56               |
| 11ac (VHT20)              | CH48    | 20.41                 | 17.57               |
| 11ac (VHT40)              | CH38    | 40.51                 | 36.02               |
| 11ac (VHT40)              | CH46    | 40.65                 | 36.01               |
| 11ac (VHT80)              | CH42    | 81.12                 | 75.29               |

| U-NII-2A (5250 - 5350 MHz) |         |                       |                     |
|----------------------------|---------|-----------------------|---------------------|
| Mode                       | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                        | CH52    | 20.07                 | 16.48               |
| 11a                        | CH60    | 20.08                 | 16.49               |
| 11a                        | CH64    | 20.02                 | 16.50               |
| 11n (HT20)                 | CH52    | 20.30                 | 17.57               |
| 11n (HT20)                 | CH60    | 20.31                 | 17.57               |
| 11n (HT20)                 | CH64    | 20.33                 | 17.56               |
| 11n (HT40)                 | CH54    | 40.66                 | 35.98               |
| 11n (HT40)                 | CH62    | 40.84                 | 36.03               |
| 11ac (VHT20)               | CH52    | 20.30                 | 17.57               |
| 11ac (VHT20)               | CH60    | 20.33                 | 17.57               |
| 11ac (VHT20)               | CH64    | 20.36                 | 17.57               |
| 11ac (VHT40)               | CH54    | 40.66                 | 35.97               |
| 11ac (VHT40)               | CH62    | 40.70                 | 36.03               |
| 11ac (VHT80)               | CH58    | 81.11                 | 75.11               |

| U-NII-2C (5470 - 5725 MHz) |         |                       |                     |
|----------------------------|---------|-----------------------|---------------------|
| Mode                       | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                        | CH100   | 20.08                 | 16.50               |
| 11a                        | CH116   | 20.13                 | 16.51               |
| 11a                        | CH140   | 20.07                 | 16.50               |
| 11n (HT20)                 | CH100   | 20.28                 | 17.59               |
| 11n (HT20)                 | CH116   | 20.40                 | 17.60               |
| 11n (HT20)                 | CH140   | 20.41                 | 17.58               |
| 11n (HT40)                 | CH102   | 40.77                 | 36.06               |
| 11n (HT40)                 | CH118   | 40.91                 | 36.05               |
| 11n (HT40)                 | CH134   | 40.82                 | 36.08               |
| 11ac (VHT20)               | CH100   | 20.34                 | 17.57               |
| 11ac (VHT20)               | CH116   | 20.30                 | 17.60               |
| 11ac (VHT20)               | CH140   | 20.40                 | 17.57               |
| 11ac (VHT40)               | CH102   | 40.56                 | 35.97               |
| 11ac (VHT40)               | CH118   | 40.67                 | 36.06               |
| 11ac (VHT40)               | CH134   | 40.72                 | 36.03               |
| 11ac (VHT80)               | CH106   | 80.94                 | 75.16               |
| 11ac (VHT80)               | CH122   | 81.02                 | 75.17               |

| U-NII-3 (5725 - 5850 MHz) |         |                       |                     |
|---------------------------|---------|-----------------------|---------------------|
| Mode                      | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                       | CH149   | 20.01                 | 16.46               |
| 11a                       | CH157   | 20.01                 | 16.51               |
| 11a                       | CH165   | 20.01                 | 16.46               |
| 11n (HT20)                | CH149   | 20.37                 | 17.56               |
| 11n (HT20)                | CH157   | 20.39                 | 17.61               |
| 11n (HT20)                | CH165   | 20.31                 | 17.56               |
| 11n (HT40)                | CH151   | 40.82                 | 36.00               |
| 11n (HT40)                | CH159   | 40.54                 | 36.09               |
| 11ac (VHT20)              | CH149   | 20.28                 | 17.56               |
| 11ac (VHT20)              | CH157   | 20.38                 | 17.60               |
| 11ac (VHT20)              | CH165   | 20.39                 | 17.56               |
| 11ac (VHT40)              | CH151   | 40.52                 | 35.99               |
| 11ac (VHT40)              | CH159   | 40.76                 | 36.07               |
| 11ac (VHT80)              | CH155   | 81.89                 | 75.59               |



### A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2280104-604 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   | 15.20                | 500.00      | Pass    |
| 11a                       | CH165   | 15.20                | 500.00      | Pass    |
| 11n (HT20)                | CH149   | 15.20                | 500.00      | Pass    |
| 11n (HT20)                | CH157   | 15.20                | 500.00      | Pass    |
| 11n (HT20)                | CH165   | 15.20                | 500.00      | Pass    |
| 11n (HT40)                | CH151   | 35.20                | 500.00      | Pass    |
| 11n (HT40)                | CH159   | 35.20                | 500.00      | Pass    |
| 11ac (VHT20)              | CH149   | 15.20                | 500.00      | Pass    |
| 11ac (VHT20)              | CH157   | 15.20                | 500.00      | Pass    |
| 11ac (VHT20)              | CH165   | 15.20                | 500.00      | Pass    |
| 11ac (VHT40)              | CH151   | 35.20                | 500.00      | Pass    |
| 11ac (VHT40)              | CH159   | 35.20                | 500.00      | Pass    |
| 11ac (VHT80)              | CH155   | 75.40                | 500.00      | Pass    |

## A.4 Power Spectral Density

Note<sup>1</sup>: Test plots please refer to the document "Annex No.: BL-SZ2280104-604 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    | 0.50          | 11.00           | Pass    |
| 11a                       | CH44    | 0.65          | 11.00           | Pass    |
| 11a                       | CH48    | 0.63          | 11.00           | Pass    |
| 11n (HT20)                | CH36    | -0.79         | 11.00           | Pass    |
| 11n (HT20)                | CH44    | -0.71         | 11.00           | Pass    |
| 11n (HT20)                | CH48    | 0.19          | 11.00           | Pass    |
| 11n (HT40)                | CH38    | -3.24         | 11.00           | Pass    |
| 11n (HT40)                | CH46    | -3.54         | 11.00           | Pass    |
| 11ac (VHT20)              | CH36    | -0.55         | 11.00           | Pass    |
| 11ac (VHT20)              | CH44    | -1.67         | 11.00           | Pass    |
| 11ac (VHT20)              | CH48    | -1.75         | 11.00           | Pass    |
| 11ac (VHT40)              | CH38    | -4.69         | 11.00           | Pass    |
| 11ac (VHT40)              | CH46    | -4.50         | 11.00           | Pass    |
| 11ac (VHT80)              | CH42    | -8.01         | 11.00           | Pass    |

| U-NII-2A (5250 - 5350 MHz) |         |               |                 |         |
|----------------------------|---------|---------------|-----------------|---------|
| Mode                       | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                        | CH52    | 0.74          | 11.00           | Pass    |
| 11a                        | CH60    | 0.75          | 11.00           | Pass    |
| 11a                        | CH64    | 0.84          | 11.00           | Pass    |
| 11n (HT20)                 | CH52    | -0.05         | 11.00           | Pass    |
| 11n (HT20)                 | CH60    | -0.09         | 11.00           | Pass    |
| 11n (HT20)                 | CH64    | -0.02         | 11.00           | Pass    |
| 11n (HT40)                 | CH54    | -3.57         | 11.00           | Pass    |
| 11n (HT40)                 | CH62    | -3.58         | 11.00           | Pass    |
| 11ac (VHT20)               | CH52    | -1.08         | 11.00           | Pass    |
| 11ac (VHT20)               | CH60    | -1.57         | 11.00           | Pass    |
| 11ac (VHT20)               | CH64    | -1.44         | 11.00           | Pass    |
| 11ac (VHT40)               | CH54    | -4.17         | 11.00           | Pass    |
| 11ac (VHT40)               | CH62    | -4.10         | 11.00           | Pass    |
| 11ac (VHT80)               | CH58    | -7.09         | 11.00           | Pass    |

| U-NII-2C (5470 - 5725 MHz) |         |               |                 |         |
|----------------------------|---------|---------------|-----------------|---------|
| Mode                       | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                        | CH100   | -2.68         | 11.00           | Pass    |
| 11a                        | CH116   | -2.90         | 11.00           | Pass    |
| 11a                        | CH140   | -2.88         | 11.00           | Pass    |
| 11n (HT20)                 | CH100   | -2.23         | 11.00           | Pass    |
| 11n (HT20)                 | CH116   | -3.54         | 11.00           | Pass    |
| 11n (HT20)                 | CH140   | -4.31         | 11.00           | Pass    |
| 11n (HT40)                 | CH102   | -5.86         | 11.00           | Pass    |
| 11n (HT40)                 | CH118   | -6.36         | 11.00           | Pass    |
| 11n (HT40)                 | CH134   | -6.41         | 11.00           | Pass    |
| 11ac (VHT20)               | CH100   | -3.21         | 11.00           | Pass    |
| 11ac (VHT20)               | CH116   | -3.97         | 11.00           | Pass    |
| 11ac (VHT20)               | CH140   | -5.12         | 11.00           | Pass    |
| 11ac (VHT40)               | CH102   | -6.85         | 11.00           | Pass    |
| 11ac (VHT40)               | CH118   | -7.38         | 11.00           | Pass    |
| 11ac (VHT40)               | CH134   | -7.40         | 11.00           | Pass    |
| 11ac (VHT80)               | CH106   | -9.39         | 11.00           | Pass    |
| 11ac (VHT80)               | CH122   | -10.47        | 11.00           | Pass    |

| U-NII-3 (5725 - 5850 MHz) |         |                  |                    |         |
|---------------------------|---------|------------------|--------------------|---------|
| Mode                      | Channel | PSD (dBm/500kHz) | Limit (dBm/500kHz) | Verdict |
| 11a                       | CH149   | -5.63            | 30.00              | Pass    |
| 11a                       | CH157   | -5.93            | 30.00              | Pass    |
| 11a                       | CH165   | -5.30            | 30.00              | Pass    |
| 11n (HT20)                | CH149   | -6.36            | 30.00              | Pass    |
| 11n (HT20)                | CH157   | -7.03            | 30.00              | Pass    |
| 11n (HT20)                | CH165   | -6.14            | 30.00              | Pass    |
| 11n (HT40)                | CH151   | -9.17            | 30.00              | Pass    |
| 11n (HT40)                | CH159   | -10.09           | 30.00              | Pass    |
| 11ac (VHT20)              | CH149   | -6.87            | 30.00              | Pass    |
| 11ac (VHT20)              | CH157   | -8.19            | 30.00              | Pass    |
| 11ac (VHT20)              | CH165   | -7.26            | 30.00              | Pass    |
| 11ac (VHT40)              | CH151   | -9.93            | 30.00              | Pass    |
| 11ac (VHT40)              | CH159   | -10.76           | 30.00              | Pass    |
| 11ac (VHT80)              | CH155   | -14.95           | 30.00              | Pass    |

## A.5 Conducted Emissions

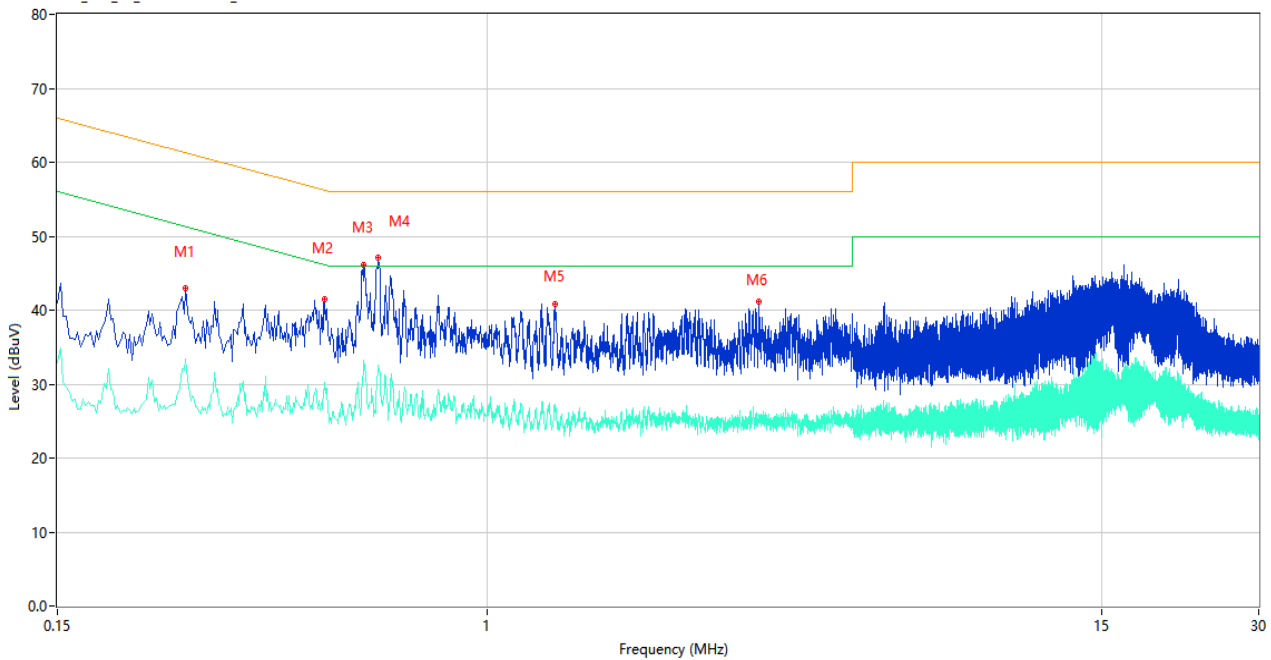
Note<sup>1</sup>: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

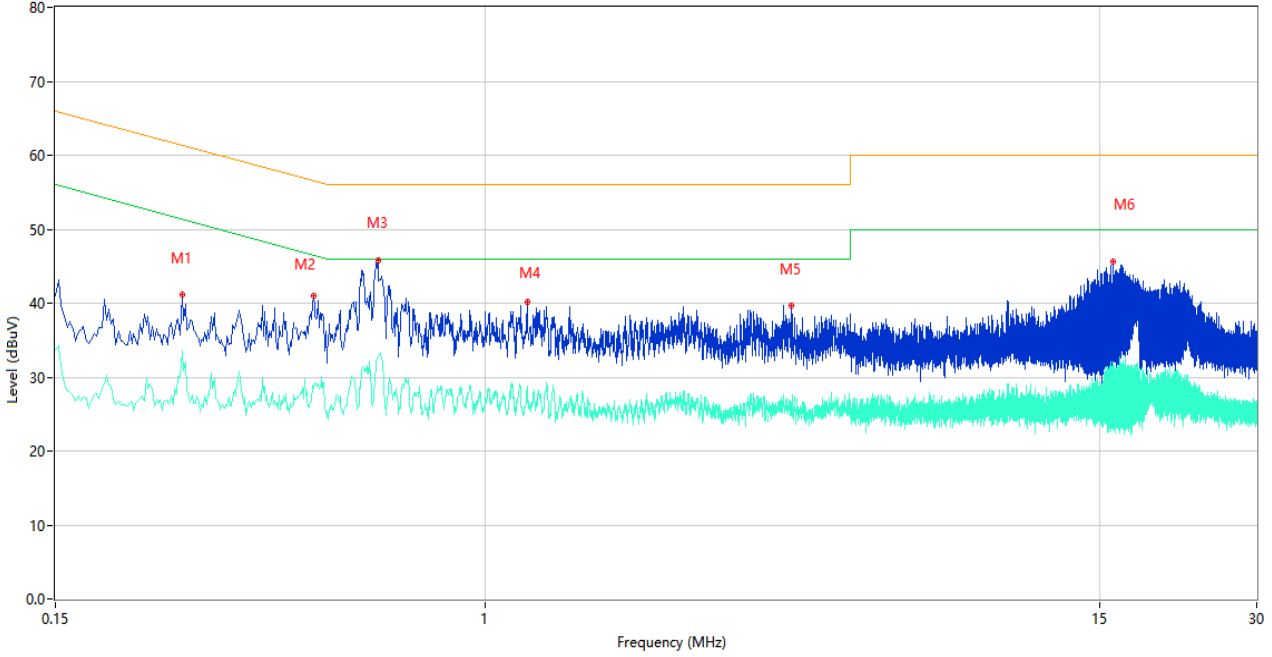
CE Test case\_FCC\_CE\_FCC PART 15B\_Class B



| No. | Frequency (MHz) | Results (dBUV) | Factor (dB) | Limit (dBUV) | Over Limit (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-----------------|----------|------|---------|
| 1   | 0.264           | 42.93          | 10.01       | 61.30        | -18.37          | Peak     | L    | Pass    |
| 1** | 0.264           | 33.40          | 10.01       | 51.30        | -17.90          | AV       | L    | Pass    |
| 2   | 0.488           | 41.48          | 10.18       | 56.20        | -14.72          | Peak     | L    | Pass    |
| 2** | 0.488           | 30.17          | 10.18       | 46.20        | -16.03          | AV       | L    | Pass    |
| 3   | 0.578           | 46.18          | 10.28       | 56.00        | -9.82           | Peak     | L    | Pass    |
| 3** | 0.578           | 31.28          | 10.28       | 46.00        | -14.72          | AV       | L    | Pass    |
| 4   | 0.618           | 47.06          | 10.35       | 56.00        | -8.94           | Peak     | L    | Pass    |
| 4** | 0.618           | 32.58          | 10.35       | 46.00        | -13.42          | AV       | L    | Pass    |
| 5   | 1.346           | 40.84          | 10.14       | 56.00        | -15.16          | Peak     | L    | Pass    |
| 5** | 1.346           | 27.16          | 10.14       | 46.00        | -18.84          | AV       | L    | Pass    |
| 6   | 3.314           | 41.10          | 10.44       | 56.00        | -14.90          | Peak     | L    | Pass    |
| 6** | 3.314           | 25.83          | 10.44       | 46.00        | -20.17          | 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   | 0.262           | 41.12          | 10.01       | 61.37        | -20.25          | Peak     | N    | Pass    |
| 1** | 0.262           | 33.53          | 10.01       | 51.37        | -17.84          | AV       | N    | Pass    |
| 2   | 0.468           | 41.05          | 10.21       | 56.55        | -15.50          | Peak     | N    | Pass    |
| 2** | 0.468           | 28.40          | 10.21       | 46.55        | -18.15          | AV       | N    | Pass    |
| 3   | 0.622           | 45.72          | 10.35       | 56.00        | -10.28          | Peak     | N    | Pass    |
| 3** | 0.622           | 32.71          | 10.35       | 46.00        | -13.29          | AV       | N    | Pass    |
| 4   | 1.202           | 40.16          | 10.04       | 56.00        | -15.84          | Peak     | N    | Pass    |
| 4** | 1.202           | 28.70          | 10.04       | 46.00        | -17.30          | AV       | N    | Pass    |
| 5   | 3.860           | 39.60          | 10.36       | 56.00        | -16.40          | Peak     | N    | Pass    |
| 5** | 3.860           | 26.57          | 10.36       | 46.00        | -19.43          | AV       | N    | Pass    |
| 6   | 15.902          | 45.59          | 10.23       | 60.00        | -14.41          | Peak     | N    | Pass    |
| 6** | 15.902          | 29.53          | 10.23       | 50.00        | -20.47          | 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.

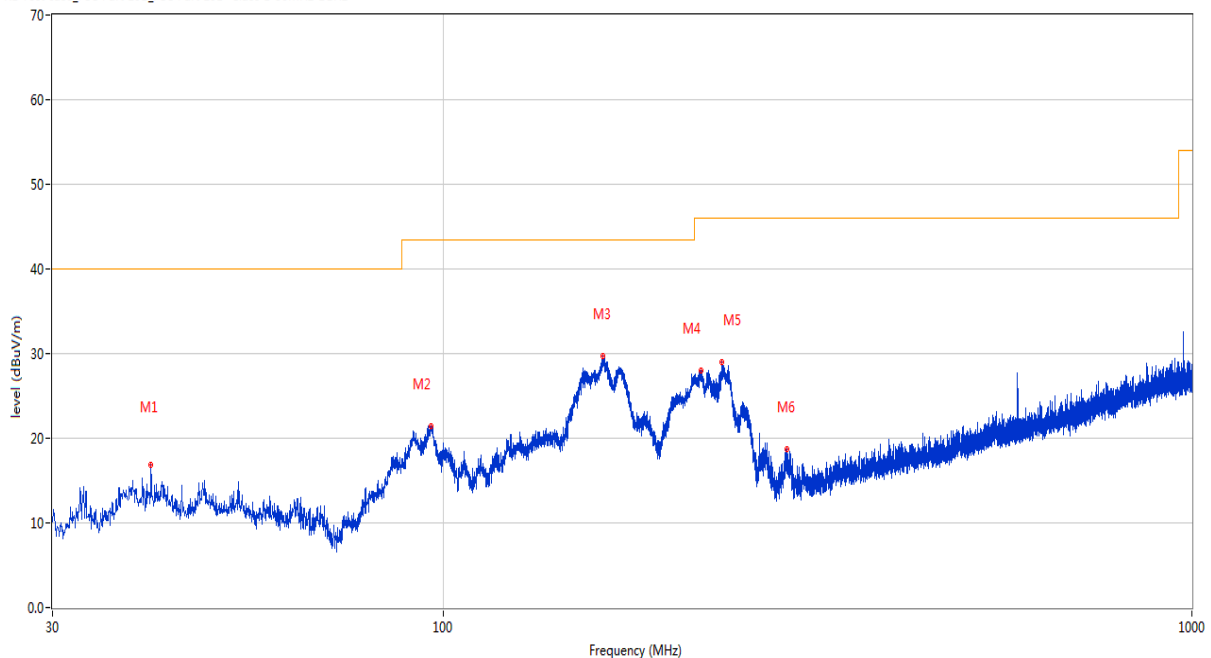
Note <sup>2</sup>: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

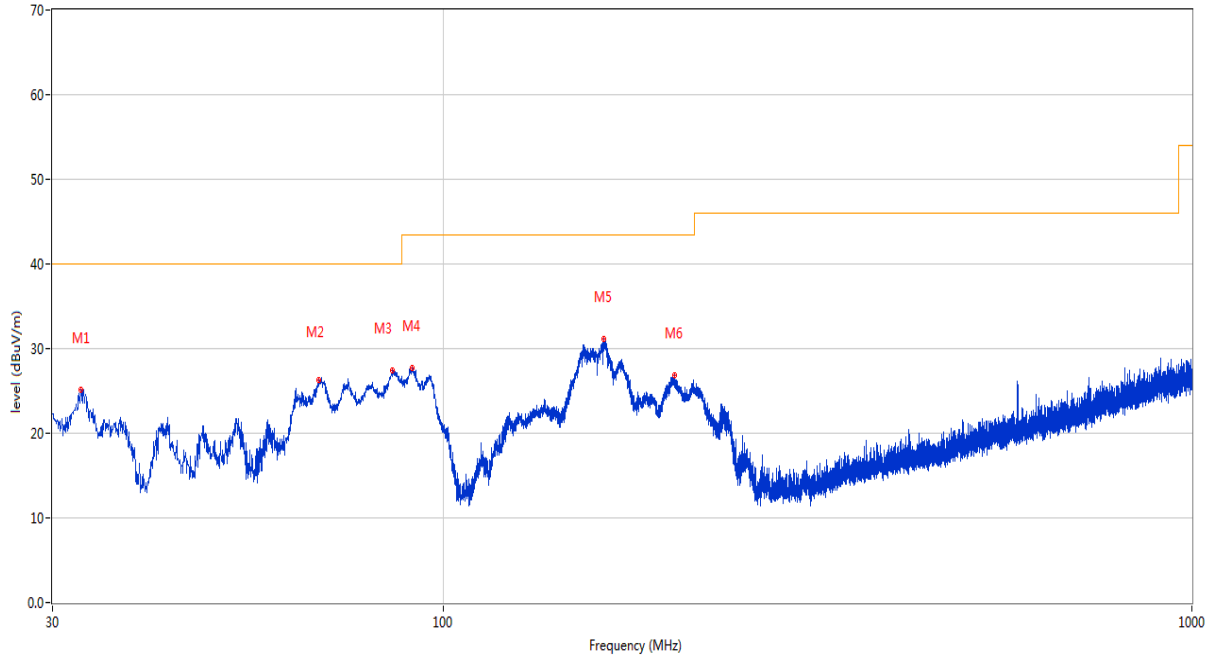
RE Test case\_FCC Part 15B\_FCC Part 15B Class B 30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 40.621          | 16.89            | -23.92      | 40.0           | -23.11          | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 2   | 96.299          | 21.40            | -24.76      | 43.5           | -22.10          | Peak     | 41.70          | 200         | Horizontal | Pass    |
| 3   | 163.133         | 29.65            | -26.94      | 43.5           | -13.85          | Peak     | 269.70         | 200         | Horizontal | Pass    |
| 4   | 220.799         | 28.02            | -23.95      | 46.0           | -17.98          | Peak     | 110.30         | 100         | Horizontal | Pass    |
| 5   | 235.592         | 28.95            | -22.99      | 46.0           | -17.05          | Peak     | 280.10         | 100         | Horizontal | Pass    |
| 6   | 287.293         | 18.66            | -22.02      | 46.0           | -27.34          | Peak     | 229.40         | 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   | 32.716          | 25.09            | -26.48      | 40.0           | -14.91          | Peak     | 202.80         | 100         | Vertical | Pass    |
| 2   | 68.024          | 26.23            | -25.88      | 40.0           | -13.77          | Peak     | 286.50         | 100         | Vertical | Pass    |
| 3   | 85.339          | 27.38            | -27.41      | 40.0           | -12.62          | Peak     | 248.60         | 100         | Vertical | Pass    |
| 4   | 90.625          | 27.71            | -25.96      | 43.5           | -15.79          | Peak     | 253.10         | 100         | Vertical | Pass    |
| 5   | 163.666         | 31.09            | -26.87      | 43.5           | -12.41          | Peak     | 80.70          | 100         | Vertical | Pass    |
| 6   | 203.533         | 26.92            | -23.75      | 43.5           | -16.58          | Peak     | 110.50         | 100         | Vertical | Pass    |

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

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1534.400        | 38.35            | -17.50      | 74.0           | -35.65          | Peak     | 205.00         | 150         | Horizontal | Pass    |
| 1** | 1534.400        | 28.99            | -17.50      | 54.0           | -25.01          | AV       | 205.00         | 150         | Horizontal | Pass    |
| 2   | 4232.800        | 49.67            | -4.53       | 74.0           | -24.33          | Peak     | 250.00         | 100         | Horizontal | Pass    |
| 2** | 4232.800        | 41.03            | -4.53       | 54.0           | -12.97          | AV       | 250.00         | 100         | Horizontal | Pass    |
| 3   | 5181.200        | 99.71            | -2.71       | --             | --              | Peak     | 238.00         | 200         | Horizontal | N/A     |
| 3** | 5181.200        | 91.86            | -2.71       | --             | --              | AV       | 238.00         | 200         | Horizontal | N/A     |
| 4   | 7463.162        | 49.39            | -3.60       | 74.0           | -24.61          | Peak     | 168.00         | 300         | Horizontal | Pass    |
| 4** | 7463.162        | 40.14            | -3.60       | 54.0           | -13.86          | AV       | 168.00         | 300         | Horizontal | Pass    |
| 5   | 11592.237       | 51.90            | -0.19       | 74.0           | -22.10          | Peak     | 292.00         | 150         | Horizontal | Pass    |
| 5** | 11592.237       | 42.29            | -0.19       | 54.0           | -11.71          | AV       | 292.00         | 150         | Horizontal | Pass    |
| 6   | 16001.063       | 54.45            | 0.29        | 74.0           | -19.55          | Peak     | 17.00          | 300         | Horizontal | Pass    |
| 6** | 16001.063       | 44.37            | 0.29        | 54.0           | -9.63           | AV       | 17.00          | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1551.600        | 38.55            | -17.34      | 74.0           | -35.45          | Peak     | 282.00         | 300         | Vertical | Pass    |
| 1** | 1551.600        | 28.61            | -17.34      | 54.0           | -25.39          | AV       | 282.00         | 300         | Vertical | Pass    |
| 2   | 4352.800        | 50.01            | -3.90       | 74.0           | -23.99          | Peak     | 277.00         | 300         | Vertical | Pass    |
| 2** | 4352.800        | 40.62            | -3.90       | 54.0           | -13.38          | AV       | 277.00         | 300         | Vertical | Pass    |
| 3   | 5181.800        | 88.74            | -2.71       | --             | --              | Peak     | 336.00         | 200         | Vertical | N/A     |
| 3** | 5181.800        | 80.84            | -2.71       | --             | --              | AV       | 336.00         | 200         | Vertical | N/A     |
| 4   | 7627.612        | 49.19            | -3.29       | 74.0           | -24.81          | Peak     | 0.00           | 100         | Vertical | Pass    |
| 4** | 7627.612        | 39.68            | -3.29       | 54.0           | -14.32          | AV       | 0.00           | 100         | Vertical | Pass    |
| 5   | 11431.812       | 52.07            | -0.08       | 74.0           | -21.93          | Peak     | 328.00         | 100         | Vertical | Pass    |
| 5** | 11431.812       | 42.15            | -0.08       | 54.0           | -11.85          | AV       | 328.00         | 100         | Vertical | Pass    |
| 6   | 15625.162       | 54.62            | 1.72        | 74.0           | -19.38          | Peak     | 309.00         | 300         | Vertical | Pass    |
| 6** | 15625.162       | 45.36            | 1.72        | 54.0           | -8.64           | AV       | 309.00         | 300         | 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   | 1518.400        | 38.55            | -17.64      | 74.0           | -35.45          | Peak     | 1.00           | 100         | Horizontal | Pass    |
| 1** | 1518.400        | 29.70            | -17.64      | 54.0           | -24.30          | AV       | 1.00           | 100         | Horizontal | Pass    |
| 2   | 4318.600        | 49.33            | -4.52       | 74.0           | -24.67          | Peak     | 142.00         | 400         | Horizontal | Pass    |
| 2** | 4318.600        | 39.19            | -4.52       | 54.0           | -14.81          | AV       | 142.00         | 400         | Horizontal | Pass    |
| 3   | 5217.800        | 98.71            | -2.94       | --             | --              | Peak     | 187.00         | 150         | Horizontal | N/A     |
| 3** | 5217.800        | 90.79            | -2.94       | --             | --              | AV       | 187.00         | 150         | Horizontal | N/A     |
| 4   | 7373.750        | 49.11            | -3.75       | 74.0           | -24.89          | Peak     | 2.00           | 400         | Horizontal | Pass    |
| 4** | 7373.750        | 40.64            | -3.75       | 54.0           | -13.36          | AV       | 2.00           | 400         | Horizontal | Pass    |
| 5   | 12331.975       | 52.92            | 1.39        | 74.0           | -21.08          | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 5** | 12331.975       | 42.66            | 1.39        | 54.0           | -11.34          | AV       | 360.00         | 200         | Horizontal | Pass    |
| 6   | 15796.575       | 54.44            | 2.22        | 74.0           | -19.56          | Peak     | 37.00          | 300         | Horizontal | Pass    |
| 6** | 15796.575       | 43.53            | 2.22        | 54.0           | -10.47          | AV       | 37.00          | 300         | 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   | 1507.000        | 38.28            | -17.58      | 74.0           | -35.72          | Peak     | 334.00         | 300         | Vertical | Pass    |
| 1** | 1507.000        | 30.49            | -17.58      | 54.0           | -23.51          | AV       | 334.00         | 300         | Vertical | Pass    |
| 2   | 4240.200        | 49.54            | -4.75       | 74.0           | -24.46          | Peak     | 345.00         | 150         | Vertical | Pass    |
| 2** | 4240.200        | 40.02            | -4.75       | 54.0           | -13.98          | AV       | 345.00         | 150         | Vertical | Pass    |
| 3   | 5221.800        | 87.31            | -3.04       | --             | --              | Peak     | 64.00          | 200         | Vertical | N/A     |
| 3** | 5221.800        | 79.75            | -3.04       | --             | --              | AV       | 64.00          | 200         | Vertical | N/A     |
| 4   | 7344.138        | 49.51            | -3.56       | 74.0           | -24.49          | Peak     | 219.00         | 100         | Vertical | Pass    |
| 4** | 7344.138        | 40.82            | -3.56       | 54.0           | -13.18          | AV       | 219.00         | 100         | Vertical | Pass    |
| 5   | 11724.200       | 52.45            | 0.84        | 74.0           | -21.55          | Peak     | 291.00         | 200         | Vertical | Pass    |
| 5** | 11724.200       | 42.39            | 0.84        | 54.0           | -11.61          | AV       | 291.00         | 200         | Vertical | Pass    |
| 6   | 16087.950       | 54.91            | 1.47        | 74.0           | -19.09          | Peak     | 59.00          | 200         | Vertical | Pass    |
| 6** | 16087.950       | 45.64            | 1.47        | 54.0           | -8.36           | AV       | 59.00          | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1543.100        | 38.73            | -17.57      | 74.0           | -35.27          | Peak     | 247.00         | 300         | Horizontal | Pass    |
| 1** | 1543.100        | 29.30            | -17.57      | 54.0           | -24.70          | AV       | 247.00         | 300         | Horizontal | Pass    |
| 2   | 4279.000        | 49.51            | -4.55       | 74.0           | -24.49          | Peak     | 264.00         | 100         | Horizontal | Pass    |
| 2** | 4279.000        | 40.14            | -4.55       | 54.0           | -13.86          | AV       | 264.00         | 100         | Horizontal | Pass    |
| 3   | 5237.000        | 110.20           | -2.83       | --             | --              | Peak     | 175.00         | 100         | Horizontal | N/A     |
| 3** | 5237.000        | 102.62           | -2.83       | --             | --              | AV       | 175.00         | 100         | Horizontal | N/A     |
| 4   | 7342.987        | 50.54            | -3.61       | 74.0           | -23.46          | Peak     | 24.00          | 400         | Horizontal | Pass    |
| 4** | 7342.987        | 41.12            | -3.61       | 54.0           | -12.88          | AV       | 24.00          | 400         | Horizontal | Pass    |
| 5   | 12231.925       | 52.02            | 1.25        | 74.0           | -21.98          | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 5** | 12231.925       | 43.00            | 1.25        | 54.0           | -11.00          | AV       | 0.00           | 200         | Horizontal | Pass    |
| 6   | 15848.287       | 55.10            | 1.34        | 74.0           | -18.90          | Peak     | 102.00         | 300         | Horizontal | Pass    |
| 6** | 15848.287       | 46.01            | 1.34        | 54.0           | -7.99           | AV       | 102.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1543.500        | 38.20            | -17.56      | 74.0           | -35.80          | Peak     | 246.00         | 400         | Vertical | Pass    |
| 1** | 1543.500        | 28.95            | -17.56      | 54.0           | -25.05          | AV       | 246.00         | 400         | Vertical | Pass    |
| 2   | 4366.200        | 49.98            | -4.06       | 74.0           | -24.02          | Peak     | 335.00         | 400         | Vertical | Pass    |
| 2** | 4366.200        | 40.87            | -4.06       | 54.0           | -13.13          | AV       | 335.00         | 400         | Vertical | Pass    |
| 3   | 5235.800        | 98.23            | -2.88       | --             | --              | Peak     | 54.00          | 100         | Vertical | N/A     |
| 3** | 5235.800        | 89.91            | -2.88       | --             | --              | AV       | 54.00          | 100         | Vertical | N/A     |
| 4   | 7618.700        | 49.42            | -2.93       | 74.0           | -24.58          | Peak     | 51.00          | 100         | Vertical | Pass    |
| 4** | 7618.700        | 39.50            | -2.93       | 54.0           | -14.50          | AV       | 51.00          | 100         | Vertical | Pass    |
| 5   | 12225.887       | 52.38            | 1.31        | 74.0           | -21.62          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 5** | 12225.887       | 44.50            | 1.31        | 54.0           | -9.50           | AV       | 0.00           | 150         | Vertical | Pass    |
| 6   | 16087.425       | 54.56            | 1.48        | 74.0           | -19.44          | Peak     | 120.00         | 400         | Vertical | Pass    |
| 6** | 16087.425       | 45.30            | 1.48        | 54.0           | -8.70           | AV       | 120.00         | 400         | 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   | 1591.500        | 38.18            | -17.51      | 74.0           | -35.82          | Peak     | 257.00         | 400         | Horizontal | Pass    |
| 1** | 1591.500        | 28.54            | -17.51      | 54.0           | -25.46          | AV       | 257.00         | 400         | Horizontal | Pass    |
| 2   | 4238.600        | 49.84            | -4.73       | 74.0           | -24.16          | Peak     | 155.00         | 300         | Horizontal | Pass    |
| 2** | 4238.600        | 39.61            | -4.73       | 54.0           | -14.39          | AV       | 155.00         | 300         | Horizontal | Pass    |
| 3   | 5178.200        | 98.23            | -2.71       | --             | --              | Peak     | 235.00         | 100         | Horizontal | N/A     |
| 3** | 5178.200        | 90.29            | -2.71       | --             | --              | AV       | 235.00         | 100         | Horizontal | N/A     |
| 4   | 7363.112        | 49.50            | -4.01       | 74.0           | -24.50          | Peak     | 202.00         | 200         | Horizontal | Pass    |
| 4** | 7363.112        | 40.02            | -4.01       | 54.0           | -13.98          | AV       | 202.00         | 200         | Horizontal | Pass    |
| 5   | 12227.613       | 51.93            | 1.31        | 74.0           | -22.07          | Peak     | 115.00         | 150         | Horizontal | Pass    |
| 5** | 12227.613       | 43.02            | 1.31        | 54.0           | -10.98          | AV       | 115.00         | 150         | Horizontal | Pass    |
| 6   | 15832.275       | 55.64            | 1.48        | 74.0           | -18.36          | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 6** | 15832.275       | 45.46            | 1.48        | 54.0           | -8.54           | AV       | 360.00         | 400         | 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   | 1487.700        | 38.41            | -17.60      | 74.0           | -35.59          | Peak     | 141.00         | 200         | Vertical | Pass    |
| 1** | 1487.700        | 29.32            | -17.60      | 54.0           | -24.68          | AV       | 141.00         | 200         | Vertical | Pass    |
| 2   | 4231.800        | 49.23            | -4.58       | 74.0           | -24.77          | Peak     | 41.00          | 400         | Vertical | Pass    |
| 2** | 4231.800        | 40.32            | -4.58       | 54.0           | -13.68          | AV       | 41.00          | 400         | Vertical | Pass    |
| 3   | 5178.200        | 87.47            | -2.71       | --             | --              | Peak     | 344.00         | 150         | Vertical | N/A     |
| 3** | 5178.200        | 79.77            | -2.71       | --             | --              | AV       | 344.00         | 150         | Vertical | N/A     |
| 4   | 7376.625        | 50.75            | -3.73       | 74.0           | -23.25          | Peak     | 132.00         | 400         | Vertical | Pass    |
| 4** | 7376.625        | 40.47            | -3.73       | 54.0           | -13.53          | AV       | 132.00         | 400         | Vertical | Pass    |
| 5   | 10926.099       | 51.93            | 0.14        | 74.0           | -22.07          | Peak     | 345.00         | 150         | Vertical | Pass    |
| 5** | 10926.099       | 42.90            | 0.14        | 54.0           | -11.10          | AV       | 345.00         | 150         | Vertical | Pass    |
| 6   | 15836.738       | 54.70            | 1.45        | 74.0           | -19.30          | Peak     | 360.00         | 300         | Vertical | Pass    |
| 6** | 15836.738       | 45.36            | 1.45        | 54.0           | -8.64           | 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   | 1557.000        | 38.53            | -17.52      | 74.0           | -35.47          | Peak     | 325.00         | 100         | Horizontal | Pass    |
| 1** | 1557.000        | 28.59            | -17.52      | 54.0           | -25.41          | AV       | 325.00         | 100         | Horizontal | Pass    |
| 2   | 4258.600        | 49.39            | -4.77       | 74.0           | -24.61          | Peak     | 54.00          | 300         | Horizontal | Pass    |
| 2** | 4258.600        | 40.26            | -4.77       | 54.0           | -13.74          | AV       | 54.00          | 300         | Horizontal | Pass    |
| 3   | 5221.600        | 97.89            | -3.04       | --             | --              | Peak     | 181.00         | 200         | Horizontal | N/A     |
| 3** | 5221.600        | 90.86            | -3.04       | --             | --              | AV       | 181.00         | 200         | Horizontal | N/A     |
| 4   | 7379.212        | 49.52            | -3.65       | 74.0           | -24.48          | Peak     | 293.00         | 300         | Horizontal | Pass    |
| 4** | 7379.212        | 40.81            | -3.65       | 54.0           | -13.19          | AV       | 293.00         | 300         | Horizontal | Pass    |
| 5   | 10922.651       | 52.77            | 0.20        | 74.0           | -21.23          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 5** | 10922.651       | 43.42            | 0.20        | 54.0           | -10.58          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 6   | 16089.000       | 55.29            | 1.45        | 74.0           | -18.71          | Peak     | 355.00         | 300         | Horizontal | Pass    |
| 6** | 16089.000       | 45.13            | 1.45        | 54.0           | -8.87           | AV       | 355.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1481.500        | 38.16            | -17.59      | 74.0           | -35.84          | Peak     | 360.00         | 400         | Vertical | Pass    |
| 1** | 1481.500        | 29.23            | -17.59      | 54.0           | -24.77          | AV       | 360.00         | 400         | Vertical | Pass    |
| 2   | 4261.600        | 49.87            | -4.67       | 74.0           | -24.13          | Peak     | 7.00           | 300         | Vertical | Pass    |
| 2** | 4261.600        | 41.06            | -4.67       | 54.0           | -12.94          | AV       | 7.00           | 300         | Vertical | Pass    |
| 3   | 5221.200        | 86.45            | -3.05       | --             | --              | Peak     | 53.00          | 200         | Vertical | N/A     |
| 3** | 5221.200        | 78.84            | -3.05       | --             | --              | AV       | 53.00          | 200         | Vertical | N/A     |
| 4   | 7374.325        | 49.80            | -3.75       | 74.0           | -24.20          | Peak     | 97.00          | 400         | Vertical | Pass    |
| 4** | 7374.325        | 41.97            | -3.75       | 54.0           | -12.03          | AV       | 97.00          | 400         | Vertical | Pass    |
| 5   | 12230.200       | 52.69            | 1.30        | 74.0           | -21.31          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 5** | 12230.200       | 43.24            | 1.30        | 54.0           | -10.76          | AV       | 0.00           | 150         | Vertical | Pass    |
| 6   | 15846.450       | 55.18            | 1.36        | 74.0           | -18.82          | Peak     | 245.00         | 400         | Vertical | Pass    |
| 6** | 15846.450       | 46.09            | 1.36        | 54.0           | -7.91           | AV       | 245.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1587.300        | 38.49            | -17.55      | 74.0           | -35.51          | Peak     | 142.00         | 100         | Horizontal | Pass    |
| 1** | 1587.300        | 28.53            | -17.55      | 54.0           | -25.47          | AV       | 142.00         | 100         | Horizontal | Pass    |
| 2   | 4227.400        | 49.60            | -4.67       | 74.0           | -24.40          | Peak     | 246.00         | 400         | Horizontal | Pass    |
| 2** | 4227.400        | 39.92            | -4.67       | 54.0           | -14.08          | AV       | 246.00         | 400         | Horizontal | Pass    |
| 3   | 5238.800        | 98.51            | -2.73       | --             | --              | Peak     | 178.00         | 100         | Horizontal | N/A     |
| 3** | 5238.800        | 91.03            | -2.73       | --             | --              | AV       | 178.00         | 100         | Horizontal | N/A     |
| 4   | 7376.337        | 49.82            | -3.74       | 74.0           | -24.18          | Peak     | 44.00          | 200         | Horizontal | Pass    |
| 4** | 7376.337        | 40.53            | -3.74       | 54.0           | -13.47          | AV       | 44.00          | 200         | Horizontal | Pass    |
| 5   | 12230.487       | 52.88            | 1.29        | 74.0           | -21.12          | Peak     | 168.00         | 150         | Horizontal | Pass    |
| 5** | 12230.487       | 43.34            | 1.29        | 54.0           | -10.66          | AV       | 168.00         | 150         | Horizontal | Pass    |
| 6   | 15840.412       | 55.00            | 1.44        | 74.0           | -19.00          | Peak     | 325.00         | 100         | Horizontal | Pass    |
| 6** | 15840.412       | 45.54            | 1.44        | 54.0           | -8.46           | AV       | 325.00         | 100         | 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   | 1453.600        | 38.62            | -17.45      | 74.0           | -35.38          | Peak     | 14.00          | 100         | Vertical | Pass    |
| 1** | 1453.600        | 30.13            | -17.45      | 54.0           | -23.87          | AV       | 14.00          | 100         | Vertical | Pass    |
| 2   | 4229.200        | 49.75            | -4.54       | 74.0           | -24.25          | Peak     | 345.00         | 400         | Vertical | Pass    |
| 2** | 4229.200        | 40.50            | -4.54       | 54.0           | -13.50          | AV       | 345.00         | 400         | Vertical | Pass    |
| 3   | 5238.400        | 86.72            | -2.73       | --             | --              | Peak     | 57.00          | 150         | Vertical | N/A     |
| 3** | 5238.400        | 79.11            | -2.73       | --             | --              | AV       | 57.00          | 150         | Vertical | N/A     |
| 4   | 7336.375        | 49.36            | -3.43       | 74.0           | -24.64          | Peak     | 48.00          | 400         | Vertical | Pass    |
| 4** | 7336.375        | 40.36            | -3.43       | 54.0           | -13.64          | AV       | 48.00          | 400         | Vertical | Pass    |
| 5   | 12237.674       | 52.19            | 1.11        | 74.0           | -21.81          | Peak     | 346.00         | 200         | Vertical | Pass    |
| 5** | 12237.674       | 43.17            | 1.11        | 54.0           | -10.83          | AV       | 346.00         | 200         | Vertical | Pass    |
| 6   | 15842.513       | 55.38            | 1.41        | 74.0           | -18.62          | Peak     | 140.00         | 400         | Vertical | Pass    |
| 6** | 15842.513       | 45.69            | 1.41        | 54.0           | -8.31           | AV       | 140.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1588.700        | 38.77            | -17.50      | 74.0           | -35.23          | Peak     | 264.00         | 100         | Horizontal | Pass    |
| 1** | 1588.700        | 28.71            | -17.50      | 54.0           | -25.29          | AV       | 264.00         | 100         | Horizontal | Pass    |
| 2   | 4264.600        | 50.29            | -4.66       | 74.0           | -23.71          | Peak     | 189.00         | 200         | Horizontal | Pass    |
| 2** | 4264.600        | 40.09            | -4.66       | 54.0           | -13.91          | AV       | 189.00         | 200         | Horizontal | Pass    |
| 3   | 5188.600        | 96.07            | -2.68       | --             | --              | Peak     | 245.00         | 200         | Horizontal | N/A     |
| 3** | 5188.600        | 88.73            | -2.68       | --             | --              | AV       | 245.00         | 200         | Horizontal | N/A     |
| 4   | 7351.900        | 49.93            | -3.85       | 74.0           | -24.07          | Peak     | 127.00         | 400         | Horizontal | Pass    |
| 4** | 7351.900        | 41.20            | -3.85       | 54.0           | -12.80          | AV       | 127.00         | 400         | Horizontal | Pass    |
| 5   | 11557.162       | 52.18            | -0.43       | 74.0           | -21.82          | Peak     | 326.00         | 150         | Horizontal | Pass    |
| 5** | 11557.162       | 43.08            | -0.43       | 54.0           | -10.92          | AV       | 326.00         | 150         | Horizontal | Pass    |
| 6   | 15846.450       | 55.51            | 1.36        | 74.0           | -18.49          | Peak     | 286.00         | 300         | Horizontal | Pass    |
| 6** | 15846.450       | 46.67            | 1.36        | 54.0           | -7.33           | AV       | 286.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1574.600        | 38.27            | -17.56      | 74.0           | -35.73          | Peak     | 187.00         | 200         | Vertical | Pass    |
| 1** | 1574.600        | 28.89            | -17.56      | 54.0           | -25.11          | AV       | 187.00         | 200         | Vertical | Pass    |
| 2   | 4363.200        | 49.64            | -3.84       | 74.0           | -24.36          | Peak     | 278.00         | 100         | Vertical | Pass    |
| 2** | 4363.200        | 40.48            | -3.84       | 54.0           | -13.52          | AV       | 278.00         | 100         | Vertical | Pass    |
| 3   | 5192.000        | 85.64            | -2.67       | --             | --              | Peak     | 77.00          | 150         | Vertical | N/A     |
| 3** | 5192.000        | 78.04            | -2.67       | --             | --              | AV       | 77.00          | 150         | Vertical | N/A     |
| 4   | 7382.663        | 49.95            | -3.83       | 74.0           | -24.05          | Peak     | 311.00         | 400         | Vertical | Pass    |
| 4** | 7382.663        | 40.08            | -3.83       | 54.0           | -13.92          | AV       | 311.00         | 400         | Vertical | Pass    |
| 5   | 11055.762       | 52.15            | -0.76       | 74.0           | -21.85          | Peak     | 346.00         | 200         | Vertical | Pass    |
| 5** | 11055.762       | 42.88            | -0.76       | 54.0           | -11.12          | AV       | 346.00         | 200         | Vertical | Pass    |
| 6   | 15715.724       | 54.33            | 0.51        | 74.0           | -19.67          | Peak     | 17.00          | 100         | Vertical | Pass    |
| 6** | 15715.724       | 43.61            | 0.51        | 54.0           | -10.39          | AV       | 17.00          | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1607.900        | 38.27            | -17.65      | 74.0           | -35.73          | Peak     | 195.00         | 300         | Horizontal | Pass    |
| 1** | 1607.900        | 29.00            | -17.65      | 54.0           | -25.00          | AV       | 195.00         | 300         | Horizontal | Pass    |
| 2   | 4361.800        | 49.41            | -3.78       | 74.0           | -24.59          | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 2** | 4361.800        | 40.77            | -3.78       | 54.0           | -13.23          | AV       | 360.00         | 400         | Horizontal | Pass    |
| 3   | 5228.400        | 95.15            | -2.96       | --             | --              | Peak     | 177.00         | 100         | Horizontal | N/A     |
| 3** | 5228.400        | 87.94            | -2.96       | --             | --              | AV       | 177.00         | 100         | Horizontal | N/A     |
| 4   | 7470.350        | 49.23            | -3.95       | 74.0           | -24.77          | Peak     | 157.00         | 300         | Horizontal | Pass    |
| 4** | 7470.350        | 39.44            | -3.95       | 54.0           | -14.56          | AV       | 157.00         | 300         | Horizontal | Pass    |
| 5   | 11024.425       | 52.75            | -0.70       | 74.0           | -21.25          | Peak     | 251.00         | 150         | Horizontal | Pass    |
| 5** | 11024.425       | 42.77            | -0.70       | 54.0           | -11.23          | AV       | 251.00         | 150         | Horizontal | Pass    |
| 6   | 15860.100       | 54.02            | 0.92        | 74.0           | -19.98          | Peak     | 41.00          | 100         | Horizontal | Pass    |
| 6** | 15860.100       | 46.18            | 0.92        | 54.0           | -7.82           | AV       | 41.00          | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1451.300        | 39.02            | -17.33      | 74.0           | -34.98          | Peak     | 250.00         | 300         | Vertical | Pass    |
| 1** | 1451.300        | 28.78            | -17.33      | 54.0           | -25.22          | AV       | 250.00         | 300         | Vertical | Pass    |
| 2   | 4359.400        | 49.97            | -3.77       | 74.0           | -24.03          | Peak     | 0.00           | 200         | Vertical | Pass    |
| 2** | 4359.400        | 40.49            | -3.77       | 54.0           | -13.51          | AV       | 0.00           | 200         | Vertical | Pass    |
| 3   | 5233.800        | 83.25            | -2.81       | --             | --              | Peak     | 61.00          | 100         | Vertical | N/A     |
| 3** | 5233.800        | 76.12            | -2.81       | --             | --              | AV       | 61.00          | 100         | Vertical | N/A     |
| 4   | 7382.663        | 49.41            | -3.83       | 74.0           | -24.59          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 4** | 7382.663        | 40.90            | -3.83       | 54.0           | -13.10          | AV       | 0.00           | 150         | Vertical | Pass    |
| 5   | 11610.350       | 51.98            | -0.06       | 74.0           | -22.02          | Peak     | 219.00         | 100         | Vertical | Pass    |
| 5** | 11610.350       | 42.29            | -0.06       | 54.0           | -11.71          | AV       | 219.00         | 100         | Vertical | Pass    |
| 6   | 15848.813       | 55.11            | 1.34        | 74.0           | -18.89          | Peak     | 0.00           | 200         | Vertical | Pass    |
| 6** | 15848.813       | 46.14            | 1.34        | 54.0           | -7.86           | AV       | 0.00           | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1442.000        | 38.58            | -17.44      | 74.0           | -35.42          | Peak     | 164.00         | 150         | Horizontal | Pass    |
| 1** | 1442.000        | 29.10            | -17.44      | 54.0           | -24.90          | AV       | 164.00         | 150         | Horizontal | Pass    |
| 2   | 4223.400        | 49.28            | -4.83       | 74.0           | -24.72          | Peak     | 58.00          | 150         | Horizontal | Pass    |
| 2** | 4223.400        | 39.88            | -4.83       | 54.0           | -14.12          | AV       | 58.00          | 150         | Horizontal | Pass    |
| 3   | 5181.400        | 97.38            | -2.71       | --             | --              | Peak     | 239.00         | 100         | Horizontal | N/A     |
| 3** | 5181.400        | 89.47            | -2.71       | --             | --              | AV       | 239.00         | 100         | Horizontal | N/A     |
| 4   | 7380.938        | 49.75            | -3.68       | 74.0           | -24.25          | Peak     | 150.00         | 400         | Horizontal | Pass    |
| 4** | 7380.938        | 40.40            | -3.68       | 54.0           | -13.60          | AV       | 150.00         | 400         | Horizontal | Pass    |
| 5   | 11970.588       | 53.11            | 0.80        | 74.0           | -20.89          | Peak     | 171.00         | 200         | Horizontal | Pass    |
| 5** | 11970.588       | 42.47            | 0.80        | 54.0           | -11.53          | AV       | 171.00         | 200         | Horizontal | Pass    |
| 6   | 15841.463       | 54.85            | 1.42        | 74.0           | -19.15          | Peak     | 105.00         | 300         | Horizontal | Pass    |
| 6** | 15841.463       | 45.58            | 1.42        | 54.0           | -8.42           | AV       | 105.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1523.900        | 38.29            | -17.50      | 74.0           | -35.71          | Peak     | 258.00         | 300         | Vertical | Pass    |
| 1** | 1523.900        | 29.98            | -17.50      | 54.0           | -24.02          | AV       | 258.00         | 300         | Vertical | Pass    |
| 2   | 4232.200        | 49.43            | -4.56       | 74.0           | -24.57          | Peak     | 360.00         | 400         | Vertical | Pass    |
| 2** | 4232.200        | 41.18            | -4.56       | 54.0           | -12.82          | AV       | 360.00         | 400         | Vertical | Pass    |
| 3   | 5178.800        | 86.15            | -2.68       | --             | --              | Peak     | 335.00         | 100         | Vertical | N/A     |
| 3** | 5178.800        | 79.31            | -2.68       | --             | --              | AV       | 335.00         | 100         | Vertical | N/A     |
| 4   | 7379.788        | 49.68            | -3.61       | 74.0           | -24.32          | Peak     | 49.00          | 300         | Vertical | Pass    |
| 4** | 7379.788        | 41.56            | -3.61       | 54.0           | -12.44          | AV       | 49.00          | 300         | Vertical | Pass    |
| 5   | 11938.962       | 52.61            | 1.69        | 74.0           | -21.39          | Peak     | 87.00          | 150         | Vertical | Pass    |
| 5** | 11938.962       | 43.66            | 1.69        | 54.0           | -10.34          | AV       | 87.00          | 150         | Vertical | Pass    |
| 6   | 15672.150       | 54.78            | 1.47        | 74.0           | -19.22          | Peak     | 125.00         | 100         | Vertical | Pass    |
| 6** | 15672.150       | 43.28            | 1.47        | 54.0           | -10.72          | AV       | 125.00         | 100         | Vertical | Pass    |



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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1498.500        | 38.87            | -17.54      | 74.0           | -35.13          | Peak     | 150.00         | 400         | Horizontal | Pass    |
| 1** | 1498.500        | 29.17            | -17.54      | 54.0           | -24.83          | AV       | 150.00         | 400         | Horizontal | Pass    |
| 2   | 4227.800        | 49.03            | -4.63       | 74.0           | -24.97          | Peak     | 75.00          | 400         | Horizontal | Pass    |
| 2** | 4227.800        | 40.25            | -4.63       | 54.0           | -13.75          | AV       | 75.00          | 400         | Horizontal | Pass    |
| 3   | 5218.600        | 96.81            | W-3.00      | --             | --              | Peak     | 179.00         | 200         | Horizontal | N/A     |
| 3** | 5218.600        | 88.57            | -3.00       | --             | --              | AV       | 179.00         | 200         | Horizontal | N/A     |
| 4   | 7375.187        | 49.45            | -3.74       | 74.0           | -24.55          | Peak     | 271.00         | 400         | Horizontal | Pass    |
| 4** | 7375.187        | 40.07            | -3.74       | 54.0           | -13.93          | AV       | 271.00         | 400         | Horizontal | Pass    |
| 5   | 11220.213       | 52.42            | -0.21       | 74.0           | -21.58          | Peak     | 96.00          | 200         | Horizontal | Pass    |
| 5** | 11220.213       | 42.98            | -0.21       | 54.0           | -11.02          | AV       | 96.00          | 200         | Horizontal | Pass    |
| 6   | 15846.713       | 55.09            | 1.36        | 74.0           | -18.91          | Peak     | 301.00         | 100         | Horizontal | Pass    |
| 6** | 15846.713       | 45.92            | 1.36        | 54.0           | -8.08           | AV       | 301.00         | 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   | 1608.200        | 38.65            | -17.67      | 74.0           | -35.35          | Peak     | 84.00          | 400         | Vertical | Pass    |
| 1** | 1608.200        | 28.73            | -17.67      | 54.0           | -25.27          | AV       | 84.00          | 400         | Vertical | Pass    |
| 2   | 4309.800        | 49.44            | -4.78       | 74.0           | -24.56          | Peak     | 193.00         | 100         | Vertical | Pass    |
| 2** | 4309.800        | 39.73            | -4.78       | 54.0           | -14.27          | AV       | 193.00         | 100         | Vertical | Pass    |
| 3   | 5219.200        | 84.78            | -3.04       | --             | --              | Peak     | 48.00          | 100         | Vertical | N/A     |
| 3** | 5219.200        | 78.00            | -3.04       | --             | --              | AV       | 48.00          | 100         | Vertical | N/A     |
| 4   | 7374.038        | 49.48            | -3.75       | 74.0           | -24.52          | Peak     | 129.00         | 300         | Vertical | Pass    |
| 4** | 7374.038        | 40.46            | -3.75       | 54.0           | -13.54          | AV       | 129.00         | 300         | Vertical | Pass    |
| 5   | 11722.762       | 52.61            | 0.82        | 74.0           | -21.39          | Peak     | 256.00         | 150         | Vertical | Pass    |
| 5** | 11722.762       | 42.13            | 0.82        | 54.0           | -11.87          | AV       | 256.00         | 150         | Vertical | Pass    |
| 6   | 15992.401       | 54.28            | 0.24        | 74.0           | -19.72          | Peak     | 262.00         | 100         | Vertical | Pass    |
| 6** | 15992.401       | 44.51            | 0.24        | 54.0           | -9.49           | AV       | 262.00         | 100         | 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   | 1532.700        | 38.19            | -17.57      | 74.0           | -35.81          | Peak     | 74.00          | 200         | Horizontal | Pass    |
| 1** | 1532.700        | 29.27            | -17.57      | 54.0           | -24.73          | AV       | 74.00          | 200         | Horizontal | Pass    |
| 2   | 4232.400        | 49.56            | -4.55       | 74.0           | -24.44          | Peak     | 247.00         | 200         | Horizontal | Pass    |
| 2** | 4232.400        | 40.55            | -4.55       | 54.0           | -13.45          | AV       | 247.00         | 200         | Horizontal | Pass    |
| 3   | 5238.600        | 96.09            | -2.73       | --             | --              | Peak     | 178.00         | 100         | Horizontal | N/A     |
| 3** | 5238.600        | 89.11            | -2.73       | --             | --              | AV       | 178.00         | 100         | Horizontal | N/A     |
| 4   | 7376.337        | 49.29            | -3.74       | 74.0           | -24.71          | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 4** | 7376.337        | 40.96            | -3.74       | 54.0           | -13.04          | AV       | 360.00         | 400         | Horizontal | Pass    |
| 5   | 12005.662       | 52.63            | 1.27        | 74.0           | -21.37          | Peak     | 117.00         | 150         | Horizontal | Pass    |
| 5** | 12005.662       | 41.54            | 1.27        | 54.0           | -12.46          | AV       | 117.00         | 150         | Horizontal | Pass    |
| 6   | 15845.662       | 54.70            | 1.36        | 74.0           | -19.30          | Peak     | 20.00          | 100         | Horizontal | Pass    |
| 6** | 15845.662       | 45.69            | 1.36        | 54.0           | -8.31           | AV       | 20.00          | 100         | 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   | 1604.200        | 38.44            | -17.59      | 74.0           | -35.56          | Peak     | 203.00         | 300         | Vertical | Pass    |
| 1** | 1604.200        | 29.44            | -17.59      | 54.0           | -24.56          | AV       | 203.00         | 300         | Vertical | Pass    |
| 2   | 4237.600        | 49.75            | -4.77       | 74.0           | -24.25          | Peak     | 226.00         | 200         | Vertical | Pass    |
| 2** | 4237.600        | 40.11            | -4.77       | 54.0           | -13.89          | AV       | 226.00         | 200         | Vertical | Pass    |
| 3   | 5241.600        | 84.42            | -2.70       | --             | --              | Peak     | 65.00          | 100         | Vertical | N/A     |
| 3** | 5241.600        | 77.55            | -2.70       | --             | --              | AV       | 65.00          | 100         | Vertical | N/A     |
| 4   | 7467.188        | 50.03            | -3.84       | 74.0           | -23.97          | Peak     | 345.00         | 200         | Vertical | Pass    |
| 4** | 7467.188        | 40.18            | -3.84       | 54.0           | -13.82          | AV       | 345.00         | 200         | Vertical | Pass    |
| 5   | 11944.424       | 51.93            | 1.56        | 74.0           | -22.07          | Peak     | 223.00         | 100         | Vertical | Pass    |
| 5** | 11944.424       | 43.20            | 1.56        | 54.0           | -10.80          | AV       | 223.00         | 100         | Vertical | Pass    |
| 6   | 15816.263       | 53.80            | 2.01        | 74.0           | -20.20          | Peak     | 77.00          | 400         | Vertical | Pass    |
| 6** | 15816.263       | 44.23            | 2.01        | 54.0           | -9.77           | AV       | 77.00          | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1452.400        | 38.87            | -17.37      | 74.0           | -35.13          | Peak     | 329.00         | 300         | Horizontal | Pass    |
| 1** | 1452.400        | 28.56            | -17.37      | 54.0           | -25.44          | AV       | 329.00         | 300         | Horizontal | Pass    |
| 2   | 4363.000        | 49.26            | -3.82       | 74.0           | -24.74          | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 2** | 4363.000        | 41.22            | -3.82       | 54.0           | -12.78          | AV       | 360.00         | 100         | Horizontal | Pass    |
| 3   | 5194.400        | 94.43            | -2.81       | --             | --              | Peak     | 245.00         | 200         | Horizontal | N/A     |
| 3** | 5194.400        | 86.44            | -2.81       | --             | --              | AV       | 245.00         | 200         | Horizontal | N/A     |
| 4   | 7351.612        | 50.06            | -3.85       | 74.0           | -23.94          | Peak     | 223.00         | 300         | Horizontal | Pass    |
| 4** | 7351.612        | 41.47            | -3.85       | 54.0           | -12.53          | AV       | 223.00         | 300         | Horizontal | Pass    |
| 5   | 11940.688       | 52.78            | 1.67        | 74.0           | -21.22          | Peak     | 135.00         | 200         | Horizontal | Pass    |
| 5** | 11940.688       | 42.66            | 1.67        | 54.0           | -11.34          | AV       | 135.00         | 200         | Horizontal | Pass    |
| 6   | 15849.338       | 54.94            | 1.34        | 74.0           | -19.06          | Peak     | 326.00         | 300         | Horizontal | Pass    |
| 6** | 15849.338       | 46.07            | 1.34        | 54.0           | -7.93           | AV       | 326.00         | 300         | 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   | 1542.500        | 39.04            | -17.57      | 74.0           | -34.96          | Peak     | 326.00         | 300         | Vertical | Pass    |
| 1** | 1542.500        | 29.21            | -17.57      | 54.0           | -24.79          | AV       | 326.00         | 300         | Vertical | Pass    |
| 2   | 4232.800        | 49.37            | -4.53       | 74.0           | -24.63          | Peak     | 359.00         | 300         | Vertical | Pass    |
| 2** | 4232.800        | 39.49            | -4.53       | 54.0           | -14.51          | AV       | 359.00         | 300         | Vertical | Pass    |
| 3   | 5196.400        | 83.35            | -2.82       | --             | --              | Peak     | 76.00          | 100         | Vertical | N/A     |
| 3** | 5196.400        | 75.97            | -2.82       | --             | --              | AV       | 76.00          | 100         | Vertical | N/A     |
| 4   | 7387.262        | 49.43            | -3.98       | 74.0           | -24.57          | Peak     | 131.00         | 400         | Vertical | Pass    |
| 4** | 7387.262        | 40.12            | -3.98       | 54.0           | -13.88          | AV       | 131.00         | 400         | Vertical | Pass    |
| 5   | 12237.963       | 52.47            | 1.10        | 74.0           | -21.53          | Peak     | 291.00         | 200         | Vertical | Pass    |
| 5** | 12237.963       | 43.32            | 1.10        | 54.0           | -10.68          | AV       | 291.00         | 200         | Vertical | Pass    |
| 6   | 15865.875       | 54.72            | 0.78        | 74.0           | -19.28          | Peak     | 188.00         | 150         | Vertical | Pass    |
| 6** | 15865.875       | 44.54            | 0.78        | 54.0           | -9.46           | AV       | 188.00         | 150         | 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   | 1530.000        | 38.47            | -17.57      | 74.0           | -35.53          | Peak     | 47.00          | 100         | Horizontal | Pass    |
| 1** | 1530.000        | 28.74            | -17.57      | 54.0           | -25.26          | AV       | 47.00          | 100         | Horizontal | Pass    |
| 2   | 4269.200        | 49.37            | -4.52       | 74.0           | -24.63          | Peak     | 78.00          | 100         | Horizontal | Pass    |
| 2** | 4269.200        | 40.30            | -4.52       | 54.0           | -13.70          | AV       | 78.00          | 100         | Horizontal | Pass    |
| 3   | 5227.600        | 94.47            | -2.93       | --             | --              | Peak     | 179.00         | 100         | Horizontal | N/A     |
| 3** | 5227.600        | 86.59            | -2.93       | --             | --              | AV       | 179.00         | 100         | Horizontal | N/A     |
| 4   | 7336.088        | 50.85            | -3.40       | 74.0           | -23.15          | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 4** | 7336.088        | 40.86            | -3.40       | 54.0           | -13.14          | AV       | 0.00           | 200         | Horizontal | Pass    |
| 5   | 11063.525       | 51.73            | -0.93       | 74.0           | -22.27          | Peak     | 310.00         | 200         | Horizontal | Pass    |
| 5** | 11063.525       | 42.48            | -0.93       | 54.0           | -11.52          | AV       | 310.00         | 200         | Horizontal | Pass    |
| 6   | 15844.612       | 54.58            | 1.37        | 74.0           | -19.42          | Peak     | 203.00         | 100         | Horizontal | Pass    |
| 6** | 15844.612       | 46.44            | 1.37        | 54.0           | -7.56           | AV       | 203.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1594.200        | 38.53            | -17.47      | 74.0           | -35.47          | Peak     | 8.00           | 200         | Vertical | Pass    |
| 1** | 1594.200        | 28.94            | -17.47      | 54.0           | -25.06          | AV       | 8.00           | 200         | Vertical | Pass    |
| 2   | 4231.400        | 50.73            | -4.60       | 74.0           | -23.27          | Peak     | 20.00          | 100         | Vertical | Pass    |
| 2** | 4231.400        | 40.22            | -4.60       | 54.0           | -13.78          | AV       | 20.00          | 100         | Vertical | Pass    |
| 3   | 5234.400        | 82.63            | -2.82       | --             | --              | Peak     | 54.00          | 150         | Vertical | N/A     |
| 3** | 5234.400        | 75.00            | -2.82       | --             | --              | AV       | 54.00          | 150         | Vertical | N/A     |
| 4   | 7328.900        | 49.19            | -3.59       | 74.0           | -24.81          | Peak     | 311.00         | 100         | Vertical | Pass    |
| 4** | 7328.900        | 40.35            | -3.59       | 54.0           | -13.65          | AV       | 311.00         | 100         | Vertical | Pass    |
| 5   | 11934.363       | 52.80            | 1.67        | 74.0           | -21.20          | Peak     | 75.00          | 100         | Vertical | Pass    |
| 5** | 11934.363       | 43.25            | 1.67        | 54.0           | -10.75          | AV       | 75.00          | 100         | Vertical | Pass    |
| 6   | 15852.225       | 54.32            | 1.27        | 74.0           | -19.68          | Peak     | 0.00           | 300         | Vertical | Pass    |
| 6** | 15852.225       | 45.66            | 1.27        | 54.0           | -8.34           | AV       | 0.00           | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1483.100        | 38.78            | -17.51      | 74.0           | -35.22          | Peak     | 181.00         | 200         | Horizontal | Pass    |
| 1** | 1483.100        | 29.55            | -17.51      | 54.0           | -24.45          | AV       | 181.00         | 200         | Horizontal | Pass    |
| 2   | 4276.400        | 49.67            | -4.51       | 74.0           | -24.33          | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 2** | 4276.400        | 40.06            | -4.51       | 54.0           | -13.94          | AV       | 360.00         | 300         | Horizontal | Pass    |
| 3   | 5203.400        | 91.48            | -2.55       | --             | --              | Peak     | 187.00         | 150         | Horizontal | N/A     |
| 3** | 5203.400        | 83.09            | -2.55       | --             | --              | AV       | 187.00         | 150         | Horizontal | N/A     |
| 4   | 7678.500        | 49.64            | -2.51       | 74.0           | -24.36          | Peak     | 313.00         | 400         | Horizontal | Pass    |
| 4** | 7678.500        | 40.29            | -2.51       | 54.0           | -13.71          | AV       | 313.00         | 400         | Horizontal | Pass    |
| 5   | 12229.913       | 52.51            | 1.30        | 74.0           | -21.49          | Peak     | 244.00         | 150         | Horizontal | Pass    |
| 5** | 12229.913       | 42.60            | 1.30        | 54.0           | -11.40          | AV       | 244.00         | 150         | Horizontal | Pass    |
| 6   | 15861.412       | 54.88            | 0.90        | 74.0           | -19.12          | Peak     | 98.00          | 100         | Horizontal | Pass    |
| 6** | 15861.412       | 44.76            | 0.90        | 54.0           | -9.24           | AV       | 98.00          | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1527.600        | 38.36            | -17.50      | 74.0           | -35.64          | Peak     | 344.00         | 400         | Vertical | Pass    |
| 1** | 1527.600        | 29.85            | -17.50      | 54.0           | -24.15          | AV       | 344.00         | 400         | Vertical | Pass    |
| 2   | 4376.800        | 49.98            | -4.43       | 74.0           | -24.02          | Peak     | 0.00           | 200         | Vertical | Pass    |
| 2** | 4376.800        | 40.00            | -4.43       | 54.0           | -14.00          | AV       | 0.00           | 200         | Vertical | Pass    |
| 3   | 5208.200        | 80.86            | -2.58       | --             | --              | Peak     | 63.00          | 100         | Vertical | N/A     |
| 3** | 5208.200        | 73.05            | -2.58       | --             | --              | AV       | 63.00          | 100         | Vertical | N/A     |
| 4   | 7334.075        | 49.30            | -3.46       | 74.0           | -24.70          | Peak     | 237.00         | 400         | Vertical | Pass    |
| 4** | 7334.075        | 40.84            | -3.46       | 54.0           | -13.16          | AV       | 237.00         | 400         | Vertical | Pass    |
| 5   | 11963.400       | 52.25            | 0.88        | 74.0           | -21.75          | Peak     | 290.00         | 200         | Vertical | Pass    |
| 5** | 11963.400       | 42.76            | 0.88        | 54.0           | -11.24          | AV       | 290.00         | 200         | Vertical | Pass    |
| 6   | 16095.563       | 54.54            | 1.31        | 74.0           | -19.46          | Peak     | 100.00         | 200         | Vertical | Pass    |
| 6** | 16095.563       | 45.13            | 1.31        | 54.0           | -8.87           | AV       | 100.00         | 200         | 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   | 1610.500        | 38.66            | -17.74      | 74.0           | -35.34          | Peak     | 151.00         | 300         | Horizontal | Pass    |
| 1** | 1610.500        | 29.22            | -17.74      | 54.0           | -24.78          | AV       | 151.00         | 300         | Horizontal | Pass    |
| 2   | 4215.600        | 49.75            | -5.17       | 74.0           | -24.25          | Peak     | 30.00          | 100         | Horizontal | Pass    |
| 2** | 4215.600        | 39.83            | -5.17       | 54.0           | -14.17          | AV       | 30.00          | 100         | Horizontal | Pass    |
| 3   | 5258.000        | 97.17            | -2.89       | --             | --              | Peak     | 181.00         | 150         | Horizontal | N/A     |
| 3** | 5258.000        | 89.63            | -2.89       | --             | --              | AV       | 181.00         | 150         | Horizontal | N/A     |
| 4   | 7389.562        | 49.32            | -4.05       | 74.0           | -24.68          | Peak     | 148.00         | 100         | Horizontal | Pass    |
| 4** | 7389.562        | 40.62            | -4.05       | 54.0           | -13.38          | AV       | 148.00         | 100         | Horizontal | Pass    |
| 5   | 11597.987       | 52.99            | -0.11       | 74.0           | -21.01          | Peak     | 129.00         | 200         | Horizontal | Pass    |
| 5** | 11597.987       | 42.58            | -0.11       | 54.0           | -11.42          | AV       | 129.00         | 200         | Horizontal | Pass    |
| 6   | 16078.238       | 55.54            | 1.61        | 74.0           | -18.46          | Peak     | 162.00         | 200         | Horizontal | Pass    |
| 6** | 16078.238       | 44.43            | 1.61        | 54.0           | -9.57           | AV       | 162.00         | 200         | 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   | 1578.700        | 38.66            | -17.52      | 74.0           | -35.34          | Peak     | 318.00         | 400         | Vertical | Pass    |
| 1** | 1578.700        | 29.05            | -17.52      | 54.0           | -24.95          | AV       | 318.00         | 400         | Vertical | Pass    |
| 2   | 4374.600        | 49.89            | -4.40       | 74.0           | -24.11          | Peak     | 73.00          | 300         | Vertical | Pass    |
| 2** | 4374.600        | 39.49            | -4.40       | 54.0           | -14.51          | AV       | 73.00          | 300         | Vertical | Pass    |
| 3   | 5258.200        | 86.31            | -2.89       | --             | --              | Peak     | 287.00         | 200         | Vertical | N/A     |
| 3** | 5258.200        | 78.68            | -2.89       | --             | --              | AV       | 287.00         | 200         | Vertical | N/A     |
| 4   | 7345.000        | 49.73            | -3.66       | 74.0           | -24.27          | Peak     | 0.00           | 400         | Vertical | Pass    |
| 4** | 7345.000        | 41.14            | -3.66       | 54.0           | -12.86          | AV       | 0.00           | 400         | Vertical | Pass    |
| 5   | 12216.401       | 52.20            | 1.19        | 74.0           | -21.80          | Peak     | 120.00         | 100         | Vertical | Pass    |
| 5** | 12216.401       | 43.27            | 1.19        | 54.0           | -10.73          | AV       | 120.00         | 100         | Vertical | Pass    |
| 6   | 15829.913       | 54.48            | 1.50        | 74.0           | -19.52          | Peak     | 259.00         | 400         | Vertical | Pass    |
| 6** | 15829.913       | 45.70            | 1.50        | 54.0           | -8.30           | AV       | 259.00         | 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   | 1609.400        | 38.65            | -17.73      | 74.0           | -35.35          | Peak     | 25.00          | 400         | Horizontal | Pass    |
| 1** | 1609.400        | 29.07            | -17.73      | 54.0           | -24.93          | AV       | 25.00          | 400         | Horizontal | Pass    |
| 2   | 4340.000        | 49.49            | -4.35       | 74.0           | -24.51          | Peak     | 288.00         | 400         | Horizontal | Pass    |
| 2** | 4340.000        | 39.50            | -4.35       | 54.0           | -14.50          | AV       | 288.00         | 400         | Horizontal | Pass    |
| 3   | 5298.800        | 97.06            | -3.28       | --             | --              | Peak     | 178.00         | 100         | Horizontal | N/A     |
| 3** | 5298.800        | 89.68            | -3.28       | --             | --              | AV       | 178.00         | 100         | Horizontal | N/A     |
| 4   | 7342.700        | 49.42            | -3.63       | 74.0           | -24.58          | Peak     | 345.00         | 400         | Horizontal | Pass    |
| 4** | 7342.700        | 40.59            | -3.63       | 54.0           | -13.41          | AV       | 345.00         | 400         | Horizontal | Pass    |
| 5   | 11641.113       | 52.46            | -0.23       | 74.0           | -21.54          | Peak     | 81.00          | 150         | Horizontal | Pass    |
| 5** | 11641.113       | 42.32            | -0.23       | 54.0           | -11.68          | AV       | 81.00          | 150         | Horizontal | Pass    |
| 6   | 15845.925       | 54.93            | 1.36        | 74.0           | -19.07          | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 6** | 15845.925       | 45.87            | 1.36        | 54.0           | -8.13           | AV       | 0.00           | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1505.700        | 38.52            | -17.59      | 74.0           | -35.48          | Peak     | 240.00         | 300         | Vertical | Pass    |
| 1** | 1505.700        | 28.71            | -17.59      | 54.0           | -25.29          | AV       | 240.00         | 300         | Vertical | Pass    |
| 2   | 4241.400        | 48.97            | -4.85       | 74.0           | -25.03          | Peak     | 309.00         | 100         | Vertical | Pass    |
| 2** | 4241.400        | 40.08            | -4.85       | 54.0           | -13.92          | AV       | 309.00         | 100         | Vertical | Pass    |
| 3   | 5301.600        | 87.33            | -3.19       | --             | --              | Peak     | 298.00         | 200         | Vertical | N/A     |
| 3** | 5301.600        | 79.83            | -3.19       | --             | --              | AV       | 298.00         | 200         | Vertical | N/A     |
| 4   | 7374.612        | 49.79            | -3.75       | 74.0           | -24.21          | Peak     | 50.00          | 100         | Vertical | Pass    |
| 4** | 7374.612        | 40.91            | -3.75       | 54.0           | -13.09          | AV       | 50.00          | 100         | Vertical | Pass    |
| 5   | 12211.225       | 52.38            | 1.06        | 74.0           | -21.62          | Peak     | 223.00         | 150         | Vertical | Pass    |
| 5** | 12211.225       | 43.34            | 1.06        | 54.0           | -10.66          | AV       | 223.00         | 150         | Vertical | Pass    |
| 6   | 15841.724       | 53.86            | 1.42        | 74.0           | -20.14          | Peak     | 97.00          | 100         | Vertical | Pass    |
| 6** | 15841.724       | 46.01            | 1.42        | 54.0           | -7.99           | AV       | 97.00          | 100         | 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   | 1540.800        | 38.25            | -17.52      | 74.0           | -35.75          | Peak     | 251.00         | 100         | Horizontal | Pass    |
| 1** | 1540.800        | 28.91            | -17.52      | 54.0           | -25.09          | AV       | 251.00         | 100         | Horizontal | Pass    |
| 2   | 4230.400        | 49.62            | -4.59       | 74.0           | -24.38          | Peak     | 316.00         | 200         | Horizontal | Pass    |
| 2** | 4230.400        | 40.34            | -4.59       | 54.0           | -13.66          | AV       | 316.00         | 200         | Horizontal | Pass    |
| 3   | 5318.600        | 97.79            | -2.78       | --             | --              | Peak     | 184.00         | 100         | Horizontal | N/A     |
| 3** | 5318.600        | 90.72            | -2.78       | --             | --              | AV       | 184.00         | 100         | Horizontal | N/A     |
| 4   | 7371.737        | 49.51            | -3.87       | 74.0           | -24.49          | Peak     | 52.00          | 400         | Horizontal | Pass    |
| 4** | 7371.737        | 40.85            | -3.87       | 54.0           | -13.15          | AV       | 52.00          | 400         | Horizontal | Pass    |
| 5   | 12312.138       | 51.95            | 1.38        | 74.0           | -22.05          | Peak     | 345.00         | 200         | Horizontal | Pass    |
| 5** | 12312.138       | 42.65            | 1.38        | 54.0           | -11.35          | AV       | 345.00         | 200         | Horizontal | Pass    |
| 6   | 15621.750       | 54.71            | 1.66        | 74.0           | -19.29          | Peak     | 16.00          | 200         | Horizontal | Pass    |
| 6** | 15621.750       | 46.28            | 1.66        | 54.0           | -7.72           | AV       | 16.00          | 200         | 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   | 1587.600        | 38.44            | -17.54      | 74.0           | -35.56          | Peak     | 81.00          | 300         | Vertical | Pass    |
| 1** | 1587.600        | 29.46            | -17.54      | 54.0           | -24.54          | AV       | 81.00          | 300         | Vertical | Pass    |
| 2   | 4223.200        | 49.78            | -4.84       | 74.0           | -24.22          | Peak     | 84.00          | 100         | Vertical | Pass    |
| 2** | 4223.200        | 40.52            | -4.84       | 54.0           | -13.48          | AV       | 84.00          | 100         | Vertical | Pass    |
| 3   | 5318.800        | 88.08            | -2.78       | --             | --              | Peak     | 295.00         | 150         | Vertical | N/A     |
| 3** | 5318.800        | 80.40            | -2.78       | --             | --              | AV       | 295.00         | 150         | Vertical | N/A     |
| 4   | 7340.112        | 50.14            | -3.52       | 74.0           | -23.86          | Peak     | 49.00          | 400         | Vertical | Pass    |
| 4** | 7340.112        | 40.64            | -3.52       | 54.0           | -13.36          | AV       | 49.00          | 400         | Vertical | Pass    |
| 5   | 11934.650       | 52.85            | 1.68        | 74.0           | -21.15          | Peak     | 205.00         | 200         | Vertical | Pass    |
| 5** | 11934.650       | 43.00            | 1.68        | 54.0           | -11.00          | AV       | 205.00         | 200         | Vertical | Pass    |
| 6   | 15854.850       | 54.41            | 1.20        | 74.0           | -19.59          | Peak     | 136.00         | 400         | Vertical | Pass    |
| 6** | 15854.850       | 45.19            | 1.20        | 54.0           | -8.81           | AV       | 136.00         | 400         | 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   | 1470.100        | 38.55            | -17.50      | 74.0           | -35.45          | Peak     | 19.00          | 200         | Horizontal | Pass    |
| 1** | 1470.100        | 29.04            | -17.50      | 54.0           | -24.96          | AV       | 19.00          | 200         | Horizontal | Pass    |
| 2   | 4358.600        | 49.53            | -3.79       | 74.0           | -24.47          | Peak     | 206.00         | 400         | Horizontal | Pass    |
| 2** | 4358.600        | 40.11            | -3.79       | 54.0           | -13.89          | AV       | 206.00         | 400         | Horizontal | Pass    |
| 3   | 5258.800        | 96.15            | -2.89       | --             | --              | Peak     | 184.00         | 100         | Horizontal | N/A     |
| 3** | 5258.800        | 89.16            | -2.89       | --             | --              | AV       | 184.00         | 100         | Horizontal | N/A     |
| 4   | 7352.475        | 49.54            | -3.84       | 74.0           | -24.46          | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 4** | 7352.475        | 40.94            | -3.84       | 54.0           | -13.06          | AV       | 360.00         | 400         | Horizontal | Pass    |
| 5   | 11229.700       | 52.20            | -0.28       | 74.0           | -21.80          | Peak     | 223.00         | 150         | Horizontal | Pass    |
| 5** | 11229.700       | 42.44            | -0.28       | 54.0           | -11.56          | AV       | 223.00         | 150         | Horizontal | Pass    |
| 6   | 15849.862       | 54.15            | 1.33        | 74.0           | -19.85          | Peak     | 37.00          | 300         | Horizontal | Pass    |
| 6** | 15849.862       | 45.97            | 1.33        | 54.0           | -8.03           | AV       | 37.00          | 300         | 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   | 1515.700        | 39.04            | -17.57      | 74.0           | -34.96          | Peak     | 166.00         | 300         | Vertical | Pass    |
| 1** | 1515.700        | 29.42            | -17.57      | 54.0           | -24.58          | AV       | 166.00         | 300         | Vertical | Pass    |
| 2   | 4349.200        | 49.58            | -4.09       | 74.0           | -24.42          | Peak     | 239.00         | 200         | Vertical | Pass    |
| 2** | 4349.200        | 39.91            | -4.09       | 54.0           | -14.09          | AV       | 239.00         | 200         | Vertical | Pass    |
| 3   | 5259.200        | 85.38            | -2.88       | --             | --              | Peak     | 283.00         | 150         | Vertical | N/A     |
| 3** | 5259.200        | 79.03            | -2.88       | --             | --              | AV       | 283.00         | 150         | Vertical | N/A     |
| 4   | 7624.737        | 49.38            | -3.04       | 74.0           | -24.62          | Peak     | 258.00         | 300         | Vertical | Pass    |
| 4** | 7624.737        | 39.96            | -3.04       | 54.0           | -14.04          | AV       | 258.00         | 300         | Vertical | Pass    |
| 5   | 12227.325       | 52.11            | 1.31        | 74.0           | -21.89          | Peak     | 0.00           | 100         | Vertical | Pass    |
| 5** | 12227.325       | 43.63            | 1.31        | 54.0           | -10.37          | AV       | 0.00           | 100         | Vertical | Pass    |
| 6   | 16136.513       | 54.64            | 1.05        | 74.0           | -19.36          | Peak     | 96.00          | 400         | Vertical | Pass    |
| 6** | 16136.513       | 45.22            | 1.05        | 54.0           | -8.78           | AV       | 96.00          | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1492.500        | 38.21            | -17.50      | 74.0           | -35.79          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 1** | 1492.500        | 28.22            | -17.50      | 54.0           | -25.78          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 2   | 4228.400        | 49.92            | -4.57       | 74.0           | -24.08          | Peak     | 130.00         | 300         | Horizontal | Pass    |
| 2** | 4228.400        | 39.94            | -4.57       | 54.0           | -14.06          | AV       | 130.00         | 300         | Horizontal | Pass    |
| 3   | 5297.800        | 96.46            | -3.24       | --             | --              | Peak     | 185.00         | 200         | Horizontal | N/A     |
| 3** | 5297.800        | 88.55            | -3.24       | --             | --              | AV       | 185.00         | 200         | Horizontal | N/A     |
| 4   | 7338.387        | 49.72            | -3.53       | 74.0           | -24.28          | Peak     | 244.00         | 300         | Horizontal | Pass    |
| 4** | 7338.387        | 41.23            | -3.53       | 54.0           | -12.77          | AV       | 244.00         | 300         | Horizontal | Pass    |
| 5   | 12336.575       | 52.80            | 1.33        | 74.0           | -21.20          | Peak     | 191.00         | 150         | Horizontal | Pass    |
| 5** | 12336.575       | 41.97            | 1.33        | 54.0           | -12.03          | AV       | 191.00         | 150         | Horizontal | Pass    |
| 6   | 15853.275       | 54.50            | 1.24        | 74.0           | -19.50          | Peak     | 328.00         | 150         | Horizontal | Pass    |
| 6** | 15853.275       | 45.09            | 1.24        | 54.0           | -8.91           | AV       | 328.00         | 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   | 1448.800        | 38.68            | -17.43      | 74.0           | -35.32          | Peak     | 191.00         | 100         | Vertical | Pass    |
| 1** | 1448.800        | 28.88            | -17.43      | 54.0           | -25.12          | AV       | 191.00         | 100         | Vertical | Pass    |
| 2   | 4241.400        | 49.56            | -4.85       | 74.0           | -24.44          | Peak     | 129.00         | 300         | Vertical | Pass    |
| 2** | 4241.400        | 39.88            | -4.85       | 54.0           | -14.12          | AV       | 129.00         | 300         | Vertical | Pass    |
| 3   | 5298.800        | 85.60            | -3.28       | --             | --              | Peak     | 284.00         | 100         | Vertical | N/A     |
| 3** | 5298.800        | 78.72            | -3.28       | --             | --              | AV       | 284.00         | 100         | Vertical | N/A     |
| 4   | 7378.925        | 49.40            | -3.66       | 74.0           | -24.60          | Peak     | 156.00         | 300         | Vertical | Pass    |
| 4** | 7378.925        | 40.22            | -3.66       | 54.0           | -13.78          | AV       | 156.00         | 300         | Vertical | Pass    |
| 5   | 10930.413       | 52.46            | 0.08        | 74.0           | -21.54          | Peak     | 156.00         | 100         | Vertical | Pass    |
| 5** | 10930.413       | 42.33            | 0.08        | 54.0           | -11.67          | AV       | 156.00         | 100         | Vertical | Pass    |
| 6   | 15844.612       | 54.55            | 1.37        | 74.0           | -19.45          | Peak     | 37.00          | 100         | Vertical | Pass    |
| 6** | 15844.612       | 44.64            | 1.37        | 54.0           | -9.36           | AV       | 37.00          | 100         | 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   | 1559.900        | 38.54            | -17.61      | 74.0           | -35.46          | Peak     | 122.00         | 300         | Horizontal | Pass    |
| 1** | 1559.900        | 28.90            | -17.61      | 54.0           | -25.10          | AV       | 122.00         | 300         | Horizontal | Pass    |
| 2   | 4360.600        | 50.12            | -3.75       | 74.0           | -23.88          | Peak     | 108.00         | 200         | Horizontal | Pass    |
| 2** | 4360.600        | 40.86            | -3.75       | 54.0           | -13.14          | AV       | 108.00         | 200         | Horizontal | Pass    |
| 3   | 5320.000        | 97.22            | -2.78       | --             | --              | Peak     | 175.00         | 200         | Horizontal | N/A     |
| 3** | 5320.000        | 88.95            | -2.78       | --             | --              | AV       | 175.00         | 200         | Horizontal | N/A     |
| 4   | 7386.113        | 49.32            | -3.92       | 74.0           | -24.68          | Peak     | 172.00         | 200         | Horizontal | Pass    |
| 4** | 7386.113        | 40.08            | -3.92       | 54.0           | -13.92          | AV       | 172.00         | 200         | Horizontal | Pass    |
| 5   | 11604.025       | 52.23            | -0.01       | 74.0           | -21.77          | Peak     | 155.00         | 100         | Horizontal | Pass    |
| 5** | 11604.025       | 42.69            | -0.01       | 54.0           | -11.31          | AV       | 155.00         | 100         | Horizontal | Pass    |
| 6   | 15846.713       | 54.12            | 1.36        | 74.0           | -19.88          | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 6** | 15846.713       | 45.35            | 1.36        | 54.0           | -8.65           | AV       | 0.00           | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1562.500        | 38.75            | -17.43      | 74.0           | -35.25          | Peak     | 318.00         | 300         | Vertical | Pass    |
| 1** | 1562.500        | 29.07            | -17.43      | 54.0           | -24.93          | AV       | 318.00         | 300         | Vertical | Pass    |
| 2   | 4226.000        | 49.32            | -4.75       | 74.0           | -24.68          | Peak     | 186.00         | 400         | Vertical | Pass    |
| 2** | 4226.000        | 40.39            | -4.75       | 54.0           | -13.61          | AV       | 186.00         | 400         | Vertical | Pass    |
| 3   | 5321.400        | 87.18            | -2.77       | --             | --              | Peak     | 286.00         | 150         | Vertical | N/A     |
| 3** | 5321.400        | 80.49            | -2.77       | --             | --              | AV       | 286.00         | 150         | Vertical | N/A     |
| 4   | 7349.025        | 49.42            | -3.86       | 74.0           | -24.58          | Peak     | 295.00         | 400         | Vertical | Pass    |
| 4** | 7349.025        | 40.24            | -3.86       | 54.0           | -13.76          | AV       | 295.00         | 400         | Vertical | Pass    |
| 5   | 10944.500       | 51.85            | -0.12       | 74.0           | -22.15          | Peak     | 125.00         | 100         | Vertical | Pass    |
| 5** | 10944.500       | 42.49            | -0.12       | 54.0           | -11.51          | AV       | 125.00         | 100         | Vertical | Pass    |
| 6   | 15837.000       | 55.51            | 1.45        | 74.0           | -18.49          | Peak     | 236.00         | 200         | Vertical | Pass    |
| 6** | 15837.000       | 45.90            | 1.45        | 54.0           | -8.10           | AV       | 236.00         | 200         | 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   | 1618.300        | 38.19            | -17.62      | 74.0           | -35.81          | Peak     | 39.00          | 300         | Horizontal | Pass    |
| 1** | 1618.300        | 28.48            | -17.62      | 54.0           | -25.52          | AV       | 39.00          | 300         | Horizontal | Pass    |
| 2   | 4357.600        | 49.21            | -3.74       | 74.0           | -24.79          | Peak     | 353.00         | 100         | Horizontal | Pass    |
| 2** | 4357.600        | 40.62            | -3.74       | 54.0           | -13.38          | AV       | 353.00         | 100         | Horizontal | Pass    |
| 3   | 5267.600        | 93.44            | -3.03       | --             | --              | Peak     | 175.00         | 100         | Horizontal | N/A     |
| 3** | 5267.600        | 85.18            | -3.03       | --             | --              | AV       | 175.00         | 100         | Horizontal | N/A     |
| 4   | 7334.938        | 49.96            | -3.40       | 74.0           | -24.04          | Peak     | 294.00         | 400         | Horizontal | Pass    |
| 4** | 7334.938        | 40.47            | -3.40       | 54.0           | -13.53          | AV       | 294.00         | 400         | Horizontal | Pass    |
| 5   | 11219.637       | 52.74            | -0.21       | 74.0           | -21.26          | Peak     | 207.00         | 100         | Horizontal | Pass    |
| 5** | 11219.637       | 42.42            | -0.21       | 54.0           | -11.58          | AV       | 207.00         | 100         | Horizontal | Pass    |
| 6   | 16092.937       | 54.67            | 1.37        | 74.0           | -19.33          | Peak     | 199.00         | 100         | Horizontal | Pass    |
| 6** | 16092.937       | 45.20            | 1.37        | 54.0           | -8.80           | AV       | 199.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1438.900        | 39.11            | -17.48      | 74.0           | -34.89          | Peak     | 163.00         | 100         | Vertical | Pass    |
| 1** | 1438.900        | 29.36            | -17.48      | 54.0           | -24.64          | AV       | 163.00         | 100         | Vertical | Pass    |
| 2   | 4359.600        | 49.22            | -3.77       | 74.0           | -24.78          | Peak     | 360.00         | 400         | Vertical | Pass    |
| 2** | 4359.600        | 41.31            | -3.77       | 54.0           | -12.69          | AV       | 360.00         | 400         | Vertical | Pass    |
| 3   | 5271.800        | 83.28            | -3.11       | --             | --              | Peak     | 287.00         | 200         | Vertical | N/A     |
| 3** | 5271.800        | 75.19            | -3.11       | --             | --              | AV       | 287.00         | 200         | Vertical | N/A     |
| 4   | 7471.213        | 50.26            | -4.05       | 74.0           | -23.74          | Peak     | 345.00         | 100         | Vertical | Pass    |
| 4** | 7471.213        | 39.90            | -4.05       | 54.0           | -14.10          | AV       | 345.00         | 100         | Vertical | Pass    |
| 5   | 12222.437       | 52.33            | 1.26        | 74.0           | -21.67          | Peak     | 169.00         | 100         | Vertical | Pass    |
| 5** | 12222.437       | 42.78            | 1.26        | 54.0           | -11.22          | AV       | 169.00         | 100         | Vertical | Pass    |
| 6   | 15848.025       | 54.02            | 1.35        | 74.0           | -19.98          | Peak     | 161.00         | 150         | Vertical | Pass    |
| 6** | 15848.025       | 45.85            | 1.35        | 54.0           | -8.15           | AV       | 161.00         | 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   | 1492.800        | 38.77            | -17.51      | 74.0           | -35.23          | Peak     | 218.00         | 300         | Horizontal | Pass    |
| 1** | 1492.800        | 29.12            | -17.51      | 54.0           | -24.88          | AV       | 218.00         | 300         | Horizontal | Pass    |
| 2   | 4366.200        | 49.81            | -4.06       | 74.0           | -24.19          | Peak     | 319.00         | 200         | Horizontal | Pass    |
| 2** | 4366.200        | 40.82            | -4.06       | 54.0           | -13.18          | AV       | 319.00         | 200         | Horizontal | Pass    |
| 3   | 5308.000        | 93.53            | -2.95       | --             | --              | Peak     | 186.00         | 150         | Horizontal | N/A     |
| 3** | 5308.000        | 86.10            | -2.95       | --             | --              | AV       | 186.00         | 150         | Horizontal | N/A     |
| 4   | 7376.337        | 49.03            | -3.74       | 74.0           | -24.97          | Peak     | 312.00         | 100         | Horizontal | Pass    |
| 4** | 7376.337        | 40.63            | -3.74       | 54.0           | -13.37          | AV       | 312.00         | 100         | Horizontal | Pass    |
| 5   | 12218.412       | 52.45            | 1.21        | 74.0           | -21.55          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 5** | 12218.412       | 43.06            | 1.21        | 54.0           | -10.94          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 6   | 15850.125       | 55.28            | 1.33        | 74.0           | -18.72          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 6** | 15850.125       | 45.71            | 1.33        | 54.0           | -8.29           | AV       | 360.00         | 150         | 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   | 1611.300        | 38.39            | -17.73      | 74.0           | -35.61          | Peak     | 34.00          | 200         | Vertical | Pass    |
| 1** | 1611.300        | 28.81            | -17.73      | 54.0           | -25.19          | AV       | 34.00          | 200         | Vertical | Pass    |
| 2   | 4149.200        | 49.27            | -4.96       | 74.0           | -24.73          | Peak     | 144.00         | 300         | Vertical | Pass    |
| 2** | 4149.200        | 39.56            | -4.96       | 54.0           | -14.44          | AV       | 144.00         | 300         | Vertical | Pass    |
| 3   | 5306.400        | 83.58            | -2.99       | --             | --              | Peak     | 289.00         | 100         | Vertical | N/A     |
| 3** | 5306.400        | 75.10            | -2.99       | --             | --              | AV       | 289.00         | 100         | Vertical | N/A     |
| 4   | 7352.187        | 49.60            | -3.84       | 74.0           | -24.40          | Peak     | 15.00          | 400         | Vertical | Pass    |
| 4** | 7352.187        | 40.05            | -3.84       | 54.0           | -13.95          | AV       | 15.00          | 400         | Vertical | Pass    |
| 5   | 11615.813       | 52.01            | -0.06       | 74.0           | -21.99          | Peak     | 241.00         | 100         | Vertical | Pass    |
| 5** | 11615.813       | 43.17            | -0.06       | 54.0           | -10.83          | AV       | 241.00         | 100         | Vertical | Pass    |
| 6   | 15844.088       | 55.23            | 1.38        | 74.0           | -18.77          | Peak     | 17.00          | 300         | Vertical | Pass    |
| 6** | 15844.088       | 46.84            | 1.38        | 54.0           | -7.16           | AV       | 17.00          | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1519.800        | 38.01            | -17.68      | 74.0           | -35.99          | Peak     | 43.00          | 150         | Horizontal | Pass    |
| 1** | 1519.800        | 28.48            | -17.68      | 54.0           | -25.52          | AV       | 43.00          | 150         | Horizontal | Pass    |
| 2   | 4060.600        | 49.29            | -5.03       | 74.0           | -24.71          | Peak     | 10.00          | 150         | Horizontal | Pass    |
| 2** | 4060.600        | 40.01            | -5.03       | 54.0           | -13.99          | AV       | 10.00          | 150         | Horizontal | Pass    |
| 3   | 5258.800        | 95.40            | -2.89       | --             | --              | Peak     | 165.00         | 150         | Horizontal | N/A     |
| 3** | 5258.800        | 87.36            | -2.89       | --             | --              | AV       | 165.00         | 150         | Horizontal | N/A     |
| 4   | 7683.388        | 49.55            | -2.82       | 74.0           | -24.45          | Peak     | 92.00          | 150         | Horizontal | Pass    |
| 4** | 7683.388        | 39.95            | -2.82       | 54.0           | -14.05          | AV       | 92.00          | 150         | Horizontal | Pass    |
| 5   | 12223.875       | 52.15            | 1.29        | 74.0           | -21.85          | Peak     | 172.00         | 150         | Horizontal | Pass    |
| 5** | 12223.875       | 42.83            | 1.29        | 54.0           | -11.17          | AV       | 172.00         | 150         | Horizontal | Pass    |
| 6   | 16001.325       | 54.14            | 0.29        | 74.0           | -19.86          | Peak     | 71.00          | 150         | Horizontal | Pass    |
| 6** | 16001.325       | 45.08            | 0.29        | 54.0           | -8.92           | AV       | 71.00          | 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   | 1579.900        | 38.31            | -17.54      | 74.0           | -35.69          | Peak     | 219.00         | 150         | Vertical | Pass    |
| 1** | 1579.900        | 29.65            | -17.54      | 54.0           | -24.35          | AV       | 219.00         | 150         | Vertical | Pass    |
| 2   | 4369.800        | 49.41            | -4.36       | 74.0           | -24.59          | Peak     | 353.00         | 150         | Vertical | Pass    |
| 2** | 4369.800        | 41.19            | -4.36       | 54.0           | -12.81          | AV       | 353.00         | 150         | Vertical | Pass    |
| 3   | 5258.600        | 84.31            | -2.89       | --             | --              | Peak     | 280.00         | 150         | Vertical | N/A     |
| 3** | 5258.600        | 77.43            | -2.89       | --             | --              | AV       | 280.00         | 150         | Vertical | N/A     |
| 4   | 7340.400        | 49.25            | -3.55       | 74.0           | -24.75          | Peak     | 312.00         | 150         | Vertical | Pass    |
| 4** | 7340.400        | 40.71            | -3.55       | 54.0           | -13.29          | AV       | 312.00         | 150         | Vertical | Pass    |
| 5   | 12217.838       | 52.24            | 1.21        | 74.0           | -21.76          | Peak     | 76.00          | 150         | Vertical | Pass    |
| 5** | 12217.838       | 42.54            | 1.21        | 54.0           | -11.46          | AV       | 76.00          | 150         | Vertical | Pass    |
| 6   | 15866.138       | 54.39            | 0.77        | 74.0           | -19.61          | Peak     | 217.00         | 150         | Vertical | Pass    |
| 6** | 15866.138       | 44.74            | 0.77        | 54.0           | -9.26           | AV       | 217.00         | 150         | 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   | 1468.900        | 38.87            | -17.53      | 74.0           | -35.13          | Peak     | 246.00         | 150         | Horizontal | Pass    |
| 1** | 1468.900        | 29.28            | -17.53      | 54.0           | -24.72          | AV       | 246.00         | 150         | Horizontal | Pass    |
| 2   | 4323.400        | 49.32            | -4.38       | 74.0           | -24.68          | Peak     | 62.00          | 150         | Horizontal | Pass    |
| 2** | 4323.400        | 39.35            | -4.38       | 54.0           | -14.65          | AV       | 62.00          | 150         | Horizontal | Pass    |
| 3   | 5302.400        | 94.56            | -3.14       | --             | --              | Peak     | 166.00         | 150         | Horizontal | N/A     |
| 3** | 5302.400        | 87.83            | -3.14       | --             | --              | AV       | 166.00         | 150         | Horizontal | N/A     |
| 4   | 7358.513        | 49.35            | -4.09       | 74.0           | -24.65          | Peak     | 212.00         | 150         | Horizontal | Pass    |
| 4** | 7358.513        | 40.12            | -4.09       | 54.0           | -13.88          | AV       | 212.00         | 150         | Horizontal | Pass    |
| 5   | 10639.462       | 52.08            | -0.91       | 74.0           | -21.92          | Peak     | 316.00         | 150         | Horizontal | Pass    |
| 5** | 10639.462       | 43.48            | -0.91       | 54.0           | -10.52          | AV       | 316.00         | 150         | Horizontal | Pass    |
| 6   | 15852.488       | 54.47            | 1.26        | 74.0           | -19.53          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 6** | 15852.488       | 45.27            | 1.26        | 54.0           | -8.73           | AV       | 0.00           | 150         | 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   | 1601.600        | 38.84            | -17.64      | 74.0           | -35.16          | Peak     | 109.00         | 150         | Vertical | Pass    |
| 1** | 1601.600        | 28.93            | -17.64      | 54.0           | -25.07          | AV       | 109.00         | 150         | Vertical | Pass    |
| 2   | 4144.600        | 49.33            | -4.85       | 74.0           | -24.67          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 2** | 4144.600        | 40.78            | -4.85       | 54.0           | -13.22          | AV       | 0.00           | 150         | Vertical | Pass    |
| 3   | 5301.600        | 85.07            | -3.19       | --             | --              | Peak     | 280.00         | 150         | Vertical | N/A     |
| 3** | 5301.600        | 77.63            | -3.19       | --             | --              | AV       | 280.00         | 150         | Vertical | N/A     |
| 4   | 7378.350        | 49.23            | -3.69       | 74.0           | -24.77          | Peak     | 129.00         | 150         | Vertical | Pass    |
| 4** | 7378.350        | 41.31            | -3.69       | 54.0           | -12.69          | AV       | 129.00         | 150         | Vertical | Pass    |
| 5   | 12220.713       | 51.81            | 1.24        | 74.0           | -22.19          | Peak     | 12.00          | 150         | Vertical | Pass    |
| 5** | 12220.713       | 42.63            | 1.24        | 54.0           | -11.37          | AV       | 12.00          | 150         | Vertical | Pass    |
| 6   | 15834.637       | 54.45            | 1.45        | 74.0           | -19.55          | Peak     | 157.00         | 150         | Vertical | Pass    |
| 6** | 15834.637       | 45.29            | 1.45        | 54.0           | -8.71           | AV       | 157.00         | 150         | 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   | 1620.400        | 38.80            | -17.63      | 74.0           | -35.20          | Peak     | 28.00          | 300         | Horizontal | Pass    |
| 1** | 1620.400        | 29.62            | -17.63      | 54.0           | -24.38          | AV       | 28.00          | 300         | Horizontal | Pass    |
| 2   | 4360.800        | 49.35            | -3.76       | 74.0           | -24.65          | Peak     | 19.00          | 200         | Horizontal | Pass    |
| 2** | 4360.800        | 40.00            | -3.76       | 54.0           | -14.00          | AV       | 19.00          | 200         | Horizontal | Pass    |
| 3   | 5316.600        | 95.57            | -2.79       | --             | --              | Peak     | 353.00         | 100         | Horizontal | N/A     |
| 3** | 5316.600        | 87.26            | -2.79       | --             | --              | AV       | 353.00         | 100         | Horizontal | N/A     |
| 4   | 7353.337        | 49.78            | -3.88       | 74.0           | -24.22          | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 4** | 7353.337        | 40.71            | -3.88       | 54.0           | -13.29          | AV       | 360.00         | 200         | Horizontal | Pass    |
| 5   | 11707.525       | 52.02            | 0.53        | 74.0           | -21.98          | Peak     | 60.00          | 200         | Horizontal | Pass    |
| 5** | 11707.525       | 42.34            | 0.53        | 54.0           | -11.66          | AV       | 60.00          | 200         | Horizontal | Pass    |
| 6   | 15857.475       | 54.04            | 1.06        | 74.0           | -19.96          | Peak     | 49.00          | 100         | Horizontal | Pass    |
| 6** | 15857.475       | 45.99            | 1.06        | 54.0           | -8.01           | AV       | 49.00          | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1506.800        | 38.36            | -17.58      | 74.0           | -35.64          | Peak     | 268.00         | 400         | Vertical | Pass    |
| 1** | 1506.800        | 29.46            | -17.58      | 54.0           | -24.54          | AV       | 268.00         | 400         | Vertical | Pass    |
| 2   | 4389.200        | 49.20            | -4.73       | 74.0           | -24.80          | Peak     | 84.00          | 200         | Vertical | Pass    |
| 2** | 4389.200        | 39.21            | -4.73       | 54.0           | -14.79          | AV       | 84.00          | 200         | Vertical | Pass    |
| 3   | 5321.600        | 85.85            | -2.76       | --             | --              | Peak     | 106.00         | 100         | Vertical | N/A     |
| 3** | 5321.600        | 79.05            | -2.76       | --             | --              | AV       | 106.00         | 100         | Vertical | N/A     |
| 4   | 7680.513        | 49.04            | -2.64       | 74.0           | -24.96          | Peak     | 360.00         | 200         | Vertical | Pass    |
| 4** | 7680.513        | 39.64            | -2.64       | 54.0           | -14.36          | AV       | 360.00         | 200         | Vertical | Pass    |
| 5   | 12258.950       | 51.71            | 1.06        | 74.0           | -22.29          | Peak     | 351.00         | 150         | Vertical | Pass    |
| 5** | 12258.950       | 42.41            | 1.06        | 54.0           | -11.59          | AV       | 351.00         | 150         | Vertical | Pass    |
| 6   | 15849.600       | 54.95            | 1.33        | 74.0           | -19.05          | Peak     | 288.00         | 300         | Vertical | Pass    |
| 6** | 15849.600       | 45.41            | 1.33        | 54.0           | -8.59           | AV       | 288.00         | 300         | 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   | 1483.100        | 38.74            | -17.51      | 74.0           | -35.26          | Peak     | 341.00         | 300         | Horizontal | Pass    |
| 1** | 1483.100        | 28.90            | -17.51      | 54.0           | -25.10          | AV       | 341.00         | 300         | Horizontal | Pass    |
| 2   | 4361.400        | 49.17            | -3.77       | 74.0           | -24.83          | Peak     | 104.00         | 300         | Horizontal | Pass    |
| 2** | 4361.400        | 40.43            | -3.77       | 54.0           | -13.57          | AV       | 104.00         | 300         | Horizontal | Pass    |
| 3   | 5271.400        | 92.41            | -3.11       | --             | --              | Peak     | 353.00         | 200         | Horizontal | N/A     |
| 3** | 5271.400        | 84.70            | -3.11       | --             | --              | AV       | 353.00         | 200         | Horizontal | N/A     |
| 4   | 7366.850        | 48.99            | -4.02       | 74.0           | -25.01          | Peak     | 268.00         | 300         | Horizontal | Pass    |
| 4** | 7366.850        | 39.92            | -4.02       | 54.0           | -14.08          | AV       | 268.00         | 300         | Horizontal | Pass    |
| 5   | 12226.175       | 51.88            | 1.31        | 74.0           | -22.12          | Peak     | 173.00         | 100         | Horizontal | Pass    |
| 5** | 12226.175       | 42.82            | 1.31        | 54.0           | -11.18          | AV       | 173.00         | 100         | Horizontal | Pass    |
| 6   | 16013.400       | 54.30            | 0.47        | 74.0           | -19.70          | Peak     | 272.00         | 200         | Horizontal | Pass    |
| 6** | 16013.400       | 44.37            | 0.47        | 54.0           | -9.63           | AV       | 272.00         | 200         | 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   | 1498.300        | 38.10            | -17.54      | 74.0           | -35.90          | Peak     | 360.00         | 400         | Vertical | Pass    |
| 1** | 1498.300        | 29.10            | -17.54      | 54.0           | -24.90          | AV       | 360.00         | 400         | Vertical | Pass    |
| 2   | 3940.600        | 50.19            | -5.45       | 74.0           | -23.81          | Peak     | 227.00         | 200         | Vertical | Pass    |
| 2** | 3940.600        | 39.37            | -5.45       | 54.0           | -14.63          | AV       | 227.00         | 200         | Vertical | Pass    |
| 3   | 5275.400        | 82.21            | -3.01       | --             | --              | Peak     | 104.00         | 200         | Vertical | N/A     |
| 3** | 5275.400        | 74.50            | -3.01       | --             | --              | AV       | 104.00         | 200         | Vertical | N/A     |
| 4   | 7385.538        | 49.86            | -3.90       | 74.0           | -24.14          | Peak     | 208.00         | 200         | Vertical | Pass    |
| 4** | 7385.538        | 40.29            | -3.90       | 54.0           | -13.71          | AV       | 208.00         | 200         | Vertical | Pass    |
| 5   | 10930.700       | 53.01            | 0.07        | 74.0           | -20.99          | Peak     | 125.00         | 100         | Vertical | Pass    |
| 5** | 10930.700       | 42.40            | 0.07        | 54.0           | -11.60          | AV       | 125.00         | 100         | Vertical | Pass    |
| 6   | 16085.325       | 54.59            | 1.52        | 74.0           | -19.41          | Peak     | 200.00         | 400         | Vertical | Pass    |
| 6** | 16085.325       | 45.04            | 1.52        | 54.0           | -8.96           | AV       | 200.00         | 400         | 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   | 1568.100        | 38.46            | -17.51      | 74.0           | -35.54          | Peak     | 341.00         | 200         | Horizontal | Pass    |
| 1** | 1568.100        | 29.50            | -17.51      | 54.0           | -24.50          | AV       | 341.00         | 200         | Horizontal | Pass    |
| 2   | 4386.600        | 50.17            | -4.70       | 74.0           | -23.83          | Peak     | 159.00         | 200         | Horizontal | Pass    |
| 2** | 4386.600        | 39.59            | -4.70       | 54.0           | -14.41          | AV       | 159.00         | 200         | Horizontal | Pass    |
| 3   | 5311.600        | 92.95            | -2.74       | --             | --              | Peak     | 353.00         | 150         | Horizontal | N/A     |
| 3** | 5311.600        | 85.41            | -2.74       | --             | --              | AV       | 353.00         | 150         | Horizontal | N/A     |
| 4   | 7366.850        | 49.58            | -4.02       | 74.0           | -24.42          | Peak     | 206.00         | 300         | Horizontal | Pass    |
| 4** | 7366.850        | 40.17            | -4.02       | 54.0           | -13.83          | AV       | 206.00         | 300         | Horizontal | Pass    |
| 5   | 12213.526       | 52.15            | 1.14        | 74.0           | -21.85          | Peak     | 157.00         | 150         | Horizontal | Pass    |
| 5** | 12213.526       | 42.71            | 1.14        | 54.0           | -11.29          | AV       | 157.00         | 150         | Horizontal | Pass    |
| 6   | 15844.612       | 54.94            | 1.37        | 74.0           | -19.06          | Peak     | 251.00         | 100         | Horizontal | Pass    |
| 6** | 15844.612       | 45.75            | 1.37        | 54.0           | -8.25           | AV       | 251.00         | 100         | 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   | 1523.300        | 39.43            | -17.55      | 74.0           | -34.57          | Peak     | 20.00          | 300         | Vertical | Pass    |
| 1** | 1523.300        | 29.02            | -17.55      | 54.0           | -24.98          | AV       | 20.00          | 300         | Vertical | Pass    |
| 2   | 4296.400        | 50.33            | -5.00       | 74.0           | -23.67          | Peak     | 0.00           | 200         | Vertical | Pass    |
| 2** | 4296.400        | 39.90            | -5.00       | 54.0           | -14.10          | AV       | 0.00           | 200         | Vertical | Pass    |
| 3   | 5312.200        | 82.77            | -2.70       | --             | --              | Peak     | 110.00         | 100         | Vertical | N/A     |
| 3** | 5312.200        | 76.05            | -2.70       | --             | --              | AV       | 110.00         | 100         | Vertical | N/A     |
| 4   | 7378.062        | 49.60            | -3.71       | 74.0           | -24.40          | Peak     | 13.00          | 100         | Vertical | Pass    |
| 4** | 7378.062        | 40.08            | -3.71       | 54.0           | -13.92          | AV       | 13.00          | 100         | Vertical | Pass    |
| 5   | 12221.287       | 51.91            | 1.25        | 74.0           | -22.09          | Peak     | 360.00         | 100         | Vertical | Pass    |
| 5** | 12221.287       | 43.23            | 1.25        | 54.0           | -10.77          | AV       | 360.00         | 100         | Vertical | Pass    |
| 6   | 16092.675       | 54.63            | 1.38        | 74.0           | -19.37          | Peak     | 33.00          | 200         | Vertical | Pass    |
| 6** | 16092.675       | 45.27            | 1.38        | 54.0           | -8.73           | AV       | 33.00          | 200         | 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   | 1576.500        | 38.78            | -17.53      | 74.0           | -35.22          | Peak     | 80.00          | 300         | Horizontal | Pass    |
| 1** | 1576.500        | 29.13            | -17.53      | 54.0           | -24.87          | AV       | 80.00          | 300         | Horizontal | Pass    |
| 2   | 4233.000        | 49.83            | -4.52       | 74.0           | -24.17          | Peak     | 78.00          | 300         | Horizontal | Pass    |
| 2** | 4233.000        | 39.96            | -4.52       | 54.0           | -14.04          | AV       | 78.00          | 300         | Horizontal | Pass    |
| 3   | 5291.800        | 89.69            | -3.22       | --             | --              | Peak     | 353.00         | 100         | Horizontal | N/A     |
| 3** | 5291.800        | 82.29            | -3.22       | --             | --              | AV       | 353.00         | 100         | Horizontal | N/A     |
| 4   | 7357.650        | 49.69            | -4.12       | 74.0           | -24.31          | Peak     | 125.00         | 200         | Horizontal | Pass    |
| 4** | 7357.650        | 40.36            | -4.12       | 54.0           | -13.64          | AV       | 125.00         | 200         | Horizontal | Pass    |
| 5   | 12612.575       | 52.20            | 1.88        | 74.0           | -21.80          | Peak     | 61.00          | 100         | Horizontal | Pass    |
| 5** | 12612.575       | 42.46            | 1.88        | 54.0           | -11.54          | AV       | 61.00          | 100         | Horizontal | Pass    |
| 6   | 15834.900       | 54.77            | 1.45        | 74.0           | -19.23          | Peak     | 9.00           | 300         | Horizontal | Pass    |
| 6** | 15834.900       | 46.30            | 1.45        | 54.0           | -7.70           | AV       | 9.00           | 300         | 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   | 1575.400        | 38.48            | -17.55      | 74.0           | -35.52          | Peak     | 137.00         | 200         | Vertical | Pass    |
| 1** | 1575.400        | 29.15            | -17.55      | 54.0           | -24.85          | AV       | 137.00         | 200         | Vertical | Pass    |
| 2   | 4217.400        | 49.04            | -5.16       | 74.0           | -24.96          | Peak     | 203.00         | 400         | Vertical | Pass    |
| 2** | 4217.400        | 40.84            | -5.16       | 54.0           | -13.16          | AV       | 203.00         | 400         | Vertical | Pass    |
| 3   | 5282.800        | 80.93            | -3.20       | --             | --              | Peak     | 172.00         | 200         | Vertical | N/A     |
| 3** | 5282.800        | 71.73            | -3.20       | --             | --              | AV       | 172.00         | 200         | Vertical | N/A     |
| 4   | 7335.225        | 49.67            | -3.37       | 74.0           | -24.33          | Peak     | 159.00         | 400         | Vertical | Pass    |
| 4** | 7335.225        | 40.20            | -3.37       | 54.0           | -13.80          | AV       | 159.00         | 400         | Vertical | Pass    |
| 5   | 10939.037       | 51.96            | -0.05       | 74.0           | -22.04          | Peak     | 45.00          | 150         | Vertical | Pass    |
| 5** | 10939.037       | 42.25            | -0.05       | 54.0           | -11.75          | AV       | 45.00          | 150         | Vertical | Pass    |
| 6   | 15852.750       | 54.60            | 1.26        | 74.0           | -19.40          | Peak     | 344.00         | 200         | Vertical | Pass    |
| 6** | 15852.750       | 45.42            | 1.26        | 54.0           | -8.58           | AV       | 344.00         | 200         | 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   | 1622.400        | 38.62            | -17.69      | 74.0           | -35.38          | Peak     | 27.00          | 300         | Horizontal | Pass    |
| 1** | 1622.400        | 28.88            | -17.69      | 54.0           | -25.12          | AV       | 27.00          | 300         | Horizontal | Pass    |
| 2   | 4381.400        | 49.22            | -4.57       | 74.0           | -24.78          | Peak     | 86.00          | 200         | Horizontal | Pass    |
| 2** | 4381.400        | 40.10            | -4.57       | 54.0           | -13.90          | AV       | 86.00          | 200         | Horizontal | Pass    |
| 3   | 5498.200        | 96.91            | -2.04       | --             | --              | Peak     | 359.00         | 200         | Horizontal | N/A     |
| 3** | 5498.200        | 89.44            | -2.04       | --             | --              | AV       | 359.00         | 200         | Horizontal | N/A     |
| 4   | 7351.325        | 49.25            | -3.86       | 74.0           | -24.75          | Peak     | 331.00         | 200         | Horizontal | Pass    |
| 4** | 7351.325        | 40.07            | -3.86       | 54.0           | -13.93          | AV       | 331.00         | 200         | Horizontal | Pass    |
| 5   | 12233.938       | 52.10            | 1.19        | 74.0           | -21.90          | Peak     | 135.00         | 100         | Horizontal | Pass    |
| 5** | 12233.938       | 42.77            | 1.19        | 54.0           | -11.23          | AV       | 135.00         | 100         | Horizontal | Pass    |
| 6   | 15636.712       | 54.41            | 1.48        | 74.0           | -19.59          | Peak     | 256.00         | 100         | Horizontal | Pass    |
| 6** | 15636.712       | 44.42            | 1.48        | 54.0           | -9.58           | AV       | 256.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1542.900        | 38.85            | -17.58      | 74.0           | -35.15          | Peak     | 120.00         | 100         | Vertical | Pass    |
| 1** | 1542.900        | 29.17            | -17.58      | 54.0           | -24.83          | AV       | 120.00         | 100         | Vertical | Pass    |
| 2   | 4394.800        | 50.07            | -4.63       | 74.0           | -23.93          | Peak     | 333.00         | 100         | Vertical | Pass    |
| 2** | 4394.800        | 39.83            | -4.63       | 54.0           | -14.17          | AV       | 333.00         | 100         | Vertical | Pass    |
| 3   | 5498.800        | 93.12            | -2.07       | --             | --              | Peak     | 147.00         | 100         | Vertical | N/A     |
| 3** | 5498.800        | 86.60            | -2.07       | --             | --              | AV       | 147.00         | 100         | Vertical | N/A     |
| 4   | 7352.187        | 50.38            | -3.84       | 74.0           | -23.62          | Peak     | 195.00         | 200         | Vertical | Pass    |
| 4** | 7352.187        | 41.59            | -3.84       | 54.0           | -12.41          | AV       | 195.00         | 200         | Vertical | Pass    |
| 5   | 11106.076       | 51.99            | -0.87       | 74.0           | -22.01          | Peak     | 282.00         | 150         | Vertical | Pass    |
| 5** | 11106.076       | 42.63            | -0.87       | 54.0           | -11.37          | AV       | 282.00         | 150         | Vertical | Pass    |
| 6   | 15851.175       | 54.80            | 1.30        | 74.0           | -19.20          | Peak     | 153.00         | 300         | Vertical | Pass    |
| 6** | 15851.175       | 45.64            | 1.30        | 54.0           | -8.36           | AV       | 153.00         | 300         | 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   | 1588.200        | 38.80            | -17.52      | 74.0           | -35.20          | Peak     | 89.00          | 100         | Horizontal | Pass    |
| 1** | 1588.200        | 28.86            | -17.52      | 54.0           | -25.14          | AV       | 89.00          | 100         | Horizontal | Pass    |
| 2   | 4362.800        | 49.38            | -3.81       | 74.0           | -24.62          | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 2** | 4362.800        | 40.68            | -3.81       | 54.0           | -13.32          | AV       | 360.00         | 400         | Horizontal | Pass    |
| 3   | 5577.400        | 95.21            | -2.17       | --             | --              | Peak     | 352.00         | 200         | Horizontal | N/A     |
| 3** | 5577.400        | 87.60            | -2.17       | --             | --              | AV       | 352.00         | 200         | Horizontal | N/A     |
| 4   | 7681.950        | 49.59            | -2.64       | 74.0           | -24.41          | Peak     | 75.00          | 400         | Horizontal | Pass    |
| 4** | 7681.950        | 39.86            | -2.64       | 54.0           | -14.14          | AV       | 75.00          | 400         | Horizontal | Pass    |
| 5   | 11615.813       | 52.22            | -0.06       | 74.0           | -21.78          | Peak     | 314.00         | 150         | Horizontal | Pass    |
| 5** | 11615.813       | 42.64            | -0.06       | 54.0           | -11.36          | AV       | 314.00         | 150         | Horizontal | Pass    |
| 6   | 15844.350       | 54.98            | 1.38        | 74.0           | -19.02          | Peak     | 254.00         | 100         | Horizontal | Pass    |
| 6** | 15844.350       | 46.17            | 1.38        | 54.0           | -7.83           | AV       | 254.00         | 100         | 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   | 1614.300        | 38.85            | -17.65      | 74.0           | -35.15          | Peak     | 176.00         | 150         | Vertical | Pass    |
| 1** | 1614.300        | 28.67            | -17.65      | 54.0           | -25.33          | AV       | 176.00         | 150         | Vertical | Pass    |
| 2   | 4364.800        | 49.23            | -3.93       | 74.0           | -24.77          | Peak     | 287.00         | 150         | Vertical | Pass    |
| 2** | 4364.800        | 40.30            | -3.93       | 54.0           | -13.70          | AV       | 287.00         | 150         | Vertical | Pass    |
| 3   | 5578.600        | 92.01            | -2.15       | --             | --              | Peak     | 276.00         | 150         | Vertical | N/A     |
| 3** | 5578.600        | 84.45            | -2.15       | --             | --              | AV       | 276.00         | 150         | Vertical | N/A     |
| 4   | 7369.438        | 49.50            | -4.10       | 74.0           | -24.50          | Peak     | 348.00         | 150         | Vertical | Pass    |
| 4** | 7369.438        | 40.09            | -4.10       | 54.0           | -13.91          | AV       | 348.00         | 150         | Vertical | Pass    |
| 5   | 11028.737       | 52.37            | -0.64       | 74.0           | -21.63          | Peak     | 170.00         | 150         | Vertical | Pass    |
| 5** | 11028.737       | 41.99            | -0.64       | 54.0           | -12.01          | AV       | 170.00         | 150         | Vertical | Pass    |
| 6   | 15855.112       | 54.99            | 1.19        | 74.0           | -19.01          | Peak     | 89.00          | 150         | Vertical | Pass    |
| 6** | 15855.112       | 45.56            | 1.19        | 54.0           | -8.44           | AV       | 89.00          | 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   | 1522.100        | 38.37            | -17.64      | 74.0           | -35.63          | Peak     | 149.00         | 150         | Horizontal | Pass    |
| 1** | 1522.100        | 28.65            | -17.64      | 54.0           | -25.35          | AV       | 149.00         | 150         | Horizontal | Pass    |
| 2   | 4249.400        | 49.51            | -4.82       | 74.0           | -24.49          | Peak     | 100.00         | 150         | Horizontal | Pass    |
| 2** | 4249.400        | 40.18            | -4.82       | 54.0           | -13.82          | AV       | 100.00         | 150         | Horizontal | Pass    |
| 3   | 5701.400        | 98.76            | -2.10       | --             | --              | Peak     | 120.00         | 150         | Horizontal | N/A     |
| 3** | 5701.400        | 92.09            | -2.10       | --             | --              | AV       | 120.00         | 150         | Horizontal | N/A     |
| 4   | 7662.400        | 49.22            | -2.50       | 74.0           | -24.78          | Peak     | 266.00         | 150         | Horizontal | Pass    |
| 4** | 7662.400        | 39.45            | -2.50       | 54.0           | -14.55          | AV       | 266.00         | 150         | Horizontal | Pass    |
| 5   | 11604.312       | 52.86            | -0.01       | 74.0           | -21.14          | Peak     | 330.00         | 150         | Horizontal | Pass    |
| 5** | 11604.312       | 43.18            | -0.01       | 54.0           | -10.82          | AV       | 330.00         | 150         | Horizontal | Pass    |
| 6   | 15859.313       | 54.42            | 0.96        | 74.0           | -19.58          | Peak     | 292.00         | 150         | Horizontal | Pass    |
| 6** | 15859.313       | 45.07            | 0.96        | 54.0           | -8.93           | AV       | 292.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1576.400        | 38.67            | -17.53      | 74.0           | -35.33          | Peak     | 76.00          | 150         | Vertical | Pass    |
| 1** | 1576.400        | 29.65            | -17.53      | 54.0           | -24.35          | AV       | 76.00          | 150         | Vertical | Pass    |
| 2   | 4214.200        | 49.23            | -5.24       | 74.0           | -24.77          | Peak     | 261.00         | 150         | Vertical | Pass    |
| 2** | 4214.200        | 40.22            | -5.24       | 54.0           | -13.78          | AV       | 261.00         | 150         | Vertical | Pass    |
| 3   | 5701.200        | 95.20            | -2.10       | --             | --              | Peak     | 323.00         | 150         | Vertical | N/A     |
| 3** | 5701.200        | 88.12            | -2.10       | --             | --              | AV       | 323.00         | 150         | Vertical | N/A     |
| 4   | 7353.337        | 49.63            | -3.88       | 74.0           | -24.37          | Peak     | 327.00         | 150         | Vertical | Pass    |
| 4** | 7353.337        | 40.70            | -3.88       | 54.0           | -13.30          | AV       | 327.00         | 150         | Vertical | Pass    |
| 5   | 11935.225       | 52.02            | 1.69        | 74.0           | -21.98          | Peak     | 264.00         | 150         | Vertical | Pass    |
| 5** | 11935.225       | 42.87            | 1.69        | 54.0           | -11.13          | AV       | 264.00         | 150         | Vertical | Pass    |
| 6   | 15830.438       | 55.15            | 1.49        | 74.0           | -18.85          | Peak     | 217.00         | 150         | Vertical | Pass    |
| 6** | 15830.438       | 45.52            | 1.49        | 54.0           | -8.48           | AV       | 217.00         | 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   | 1442.400        | 39.48            | -17.43      | 74.0           | -34.52          | Peak     | 192.00         | 150         | Horizontal | Pass    |
| 1** | 1442.400        | 29.82            | -17.43      | 54.0           | -24.18          | AV       | 192.00         | 150         | Horizontal | Pass    |
| 2   | 4279.000        | 49.20            | -4.55       | 74.0           | -24.80          | Peak     | 354.00         | 150         | Horizontal | Pass    |
| 2** | 4279.000        | 39.50            | -4.55       | 54.0           | -14.50          | AV       | 354.00         | 150         | Horizontal | Pass    |
| 3   | 5498.200        | 97.16            | -2.04       | --             | --              | Peak     | 169.00         | 150         | Horizontal | N/A     |
| 3** | 5498.200        | 89.83            | -2.04       | --             | --              | AV       | 169.00         | 150         | Horizontal | N/A     |
| 4   | 7380.650        | 49.34            | -3.65       | 74.0           | -24.66          | Peak     | 123.00         | 150         | Horizontal | Pass    |
| 4** | 7380.650        | 40.87            | -3.65       | 54.0           | -13.13          | AV       | 123.00         | 150         | Horizontal | Pass    |
| 5   | 12235.662       | 51.83            | 1.15        | 74.0           | -22.17          | Peak     | 284.00         | 150         | Horizontal | Pass    |
| 5** | 12235.662       | 42.64            | 1.15        | 54.0           | -11.36          | AV       | 284.00         | 150         | Horizontal | Pass    |
| 6   | 15623.588       | 54.29            | 1.70        | 74.0           | -19.71          | Peak     | 91.00          | 150         | Horizontal | Pass    |
| 6** | 15623.588       | 45.10            | 1.70        | 54.0           | -8.90           | AV       | 91.00          | 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   | 1576.700        | 38.82            | -17.53      | 74.0           | -35.18          | Peak     | 202.00         | 150         | Vertical | Pass    |
| 1** | 1576.700        | 29.07            | -17.53      | 54.0           | -24.93          | AV       | 202.00         | 150         | Vertical | Pass    |
| 2   | 4356.400        | 49.39            | -3.66       | 74.0           | -24.61          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 2** | 4356.400        | 41.61            | -3.66       | 54.0           | -12.39          | AV       | 0.00           | 150         | Vertical | Pass    |
| 3   | 5501.400        | 91.05            | -2.18       | --             | --              | Peak     | 283.00         | 150         | Vertical | N/A     |
| 3** | 5501.400        | 83.98            | -2.18       | --             | --              | AV       | 283.00         | 150         | Vertical | N/A     |
| 4   | 7320.563        | 49.96            | -3.69       | 74.0           | -24.04          | Peak     | 190.00         | 150         | Vertical | Pass    |
| 4** | 7320.563        | 39.83            | -3.69       | 54.0           | -14.17          | AV       | 190.00         | 150         | Vertical | Pass    |
| 5   | 11021.263       | 51.77            | -0.74       | 74.0           | -22.23          | Peak     | 271.00         | 150         | Vertical | Pass    |
| 5** | 11021.263       | 42.61            | -0.74       | 54.0           | -11.39          | AV       | 271.00         | 150         | Vertical | Pass    |
| 6   | 15845.137       | 54.48            | 1.37        | 74.0           | -19.52          | Peak     | 35.00          | 150         | Vertical | Pass    |
| 6** | 15845.137       | 45.14            | 1.37        | 54.0           | -8.86           | AV       | 35.00          | 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   | 1547.000        | 38.50            | -17.55      | 74.0           | -35.50          | Peak     | 37.00          | 150         | Horizontal | Pass    |
| 1** | 1547.000        | 28.91            | -17.55      | 54.0           | -25.09          | AV       | 37.00          | 150         | Horizontal | Pass    |
| 2   | 4354.000        | 49.96            | -3.80       | 74.0           | -24.04          | Peak     | 282.00         | 150         | Horizontal | Pass    |
| 2** | 4354.000        | 40.61            | -3.80       | 54.0           | -13.39          | AV       | 282.00         | 150         | Horizontal | Pass    |
| 3   | 5578.600        | 94.79            | -2.15       | --             | --              | Peak     | 171.00         | 150         | Horizontal | N/A     |
| 3** | 5578.600        | 87.30            | -2.15       | --             | --              | AV       | 171.00         | 150         | Horizontal | N/A     |
| 4   | 7337.238        | 50.41            | -3.51       | 74.0           | -23.59          | Peak     | 12.00          | 150         | Horizontal | Pass    |
| 4** | 7337.238        | 41.12            | -3.51       | 54.0           | -12.88          | AV       | 12.00          | 150         | Horizontal | Pass    |
| 5   | 11936.663       | 52.19            | 1.69        | 74.0           | -21.81          | Peak     | 155.00         | 150         | Horizontal | Pass    |
| 5** | 11936.663       | 43.07            | 1.69        | 54.0           | -10.93          | AV       | 155.00         | 150         | Horizontal | Pass    |
| 6   | 15851.175       | 54.58            | 1.30        | 74.0           | -19.42          | Peak     | 72.00          | 150         | Horizontal | Pass    |
| 6** | 15851.175       | 45.57            | 1.30        | 54.0           | -8.43           | AV       | 72.00          | 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   | 1600.500        | 38.46            | -17.67      | 74.0           | -35.54          | Peak     | 80.00          | 150         | Vertical | Pass    |
| 1** | 1600.500        | 29.23            | -17.67      | 54.0           | -24.77          | AV       | 80.00          | 150         | Vertical | Pass    |
| 2   | 4365.200        | 49.46            | -3.96       | 74.0           | -24.54          | Peak     | 243.00         | 150         | Vertical | Pass    |
| 2** | 4365.200        | 40.92            | -3.96       | 54.0           | -13.08          | AV       | 243.00         | 150         | Vertical | Pass    |
| 3   | 5580.400        | 91.35            | -2.24       | --             | --              | Peak     | 263.00         | 150         | Vertical | N/A     |
| 3** | 5580.400        | 84.08            | -2.24       | --             | --              | AV       | 263.00         | 150         | Vertical | N/A     |
| 4   | 7351.612        | 49.44            | -3.85       | 74.0           | -24.56          | Peak     | 233.00         | 150         | Vertical | Pass    |
| 4** | 7351.612        | 40.59            | -3.85       | 54.0           | -13.41          | AV       | 233.00         | 150         | Vertical | Pass    |
| 5   | 11606.612       | 52.56            | -0.02       | 74.0           | -21.44          | Peak     | 281.00         | 150         | Vertical | Pass    |
| 5** | 11606.612       | 42.72            | -0.02       | 54.0           | -11.28          | AV       | 281.00         | 150         | Vertical | Pass    |
| 6   | 15850.912       | 55.39            | 1.31        | 74.0           | -18.61          | Peak     | 143.00         | 150         | Vertical | Pass    |
| 6** | 15850.912       | 45.53            | 1.31        | 54.0           | -8.47           | AV       | 143.00         | 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   | 1445.600        | 38.70            | -17.45      | 74.0           | -35.30          | Peak     | 107.00         | 150         | Horizontal | Pass    |
| 1** | 1445.600        | 29.03            | -17.45      | 54.0           | -24.97          | AV       | 107.00         | 150         | Horizontal | Pass    |
| 2   | 4220.800        | 50.09            | -4.95       | 74.0           | -23.91          | Peak     | 199.00         | 150         | Horizontal | Pass    |
| 2** | 4220.800        | 40.31            | -4.95       | 54.0           | -13.69          | AV       | 199.00         | 150         | Horizontal | Pass    |
| 3   | 5699.000        | 97.81            | -2.03       | --             | --              | Peak     | 118.00         | 150         | Horizontal | N/A     |
| 3** | 5699.000        | 90.24            | -2.03       | --             | --              | AV       | 118.00         | 150         | Horizontal | N/A     |
| 4   | 7361.100        | 50.01            | -4.01       | 74.0           | -23.99          | Peak     | 217.00         | 150         | Horizontal | Pass    |
| 4** | 7361.100        | 40.36            | -4.01       | 54.0           | -13.64          | AV       | 217.00         | 150         | Horizontal | Pass    |
| 5   | 12609.700       | 51.81            | 1.89        | 74.0           | -22.19          | Peak     | 217.00         | 150         | Horizontal | Pass    |
| 5** | 12609.700       | 42.29            | 1.89        | 54.0           | -11.71          | AV       | 217.00         | 150         | Horizontal | Pass    |
| 6   | 15847.763       | 55.26            | 1.35        | 74.0           | -18.74          | Peak     | 219.00         | 150         | Horizontal | Pass    |
| 6** | 15847.763       | 45.43            | 1.35        | 54.0           | -8.57           | AV       | 219.00         | 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   | 1437.200        | 38.74            | -17.37      | 74.0           | -35.26          | Peak     | 100.00         | 150         | Vertical | Pass    |
| 1** | 1437.200        | 29.29            | -17.37      | 54.0           | -24.71          | AV       | 100.00         | 150         | Vertical | Pass    |
| 2   | 4252.600        | 49.68            | -4.88       | 74.0           | -24.32          | Peak     | 334.00         | 150         | Vertical | Pass    |
| 2** | 4252.600        | 39.75            | -4.88       | 54.0           | -14.25          | AV       | 334.00         | 150         | Vertical | Pass    |
| 3   | 5701.400        | 94.57            | -2.10       | --             | --              | Peak     | 325.00         | 150         | Vertical | N/A     |
| 3** | 5701.400        | 86.66            | -2.10       | --             | --              | AV       | 325.00         | 150         | Vertical | N/A     |
| 4   | 7377.775        | 49.09            | -3.71       | 74.0           | -24.91          | Peak     | 29.00          | 150         | Vertical | Pass    |
| 4** | 7377.775        | 40.52            | -3.71       | 54.0           | -13.48          | AV       | 29.00          | 150         | Vertical | Pass    |
| 5   | 12217.263       | 52.07            | 1.20        | 74.0           | -21.93          | Peak     | 281.00         | 150         | Vertical | Pass    |
| 5** | 12217.263       | 43.05            | 1.20        | 54.0           | -10.95          | AV       | 281.00         | 150         | Vertical | Pass    |
| 6   | 15835.425       | 54.86            | 1.45        | 74.0           | -19.14          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 6** | 15835.425       | 45.38            | 1.45        | 54.0           | -8.62           | AV       | 0.00           | 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   | 1483.000        | 38.62            | -17.51      | 74.0           | -35.38          | Peak     | 8.00           | 150         | Horizontal | Pass    |
| 1** | 1483.000        | 28.87            | -17.51      | 54.0           | -25.13          | AV       | 8.00           | 150         | Horizontal | Pass    |
| 2   | 4357.800        | 49.62            | -3.75       | 74.0           | -24.38          | Peak     | 260.00         | 150         | Horizontal | Pass    |
| 2** | 4357.800        | 40.70            | -3.75       | 54.0           | -13.30          | AV       | 260.00         | 150         | Horizontal | Pass    |
| 3   | 5508.000        | 93.37            | -2.48       | --             | --              | Peak     | 167.00         | 150         | Horizontal | N/A     |
| 3** | 5508.000        | 85.45            | -2.48       | --             | --              | AV       | 167.00         | 150         | Horizontal | N/A     |
| 4   | 7364.550        | 49.39            | -4.02       | 74.0           | -24.61          | Peak     | 170.00         | 150         | Horizontal | Pass    |
| 4** | 7364.550        | 40.23            | -4.02       | 54.0           | -13.77          | AV       | 170.00         | 150         | Horizontal | Pass    |
| 5   | 12223.013       | 52.14            | 1.27        | 74.0           | -21.86          | Peak     | 217.00         | 150         | Horizontal | Pass    |
| 5** | 12223.013       | 43.04            | 1.27        | 54.0           | -10.96          | AV       | 217.00         | 150         | Horizontal | Pass    |
| 6   | 15835.950       | 54.79            | 1.45        | 74.0           | -19.21          | Peak     | 164.00         | 150         | Horizontal | Pass    |
| 6** | 15835.950       | 45.72            | 1.45        | 54.0           | -8.28           | AV       | 164.00         | 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   | 1567.000        | 38.36            | -17.53      | 74.0           | -35.64          | Peak     | 344.00         | 150         | Vertical | Pass    |
| 1** | 1567.000        | 28.76            | -17.53      | 54.0           | -25.24          | AV       | 344.00         | 150         | Vertical | Pass    |
| 2   | 4260.800        | 49.52            | -4.68       | 74.0           | -24.48          | Peak     | 212.00         | 150         | Vertical | Pass    |
| 2** | 4260.800        | 40.46            | -4.68       | 54.0           | -13.54          | AV       | 212.00         | 150         | Vertical | Pass    |
| 3   | 5511.800        | 87.62            | -2.58       | --             | --              | Peak     | 284.00         | 150         | Vertical | N/A     |
| 3** | 5511.800        | 80.32            | -2.58       | --             | --              | AV       | 284.00         | 150         | Vertical | N/A     |
| 4   | 7353.625        | 49.34            | -3.90       | 74.0           | -24.66          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 4** | 7353.625        | 40.89            | -3.90       | 54.0           | -13.11          | AV       | 360.00         | 150         | Vertical | Pass    |
| 5   | 11602.300       | 51.57            | -0.04       | 74.0           | -22.43          | Peak     | 122.00         | 150         | Vertical | Pass    |
| 5** | 11602.300       | 42.85            | -0.04       | 54.0           | -11.15          | AV       | 122.00         | 150         | Vertical | Pass    |
| 6   | 16079.287       | 54.67            | 1.63        | 74.0           | -19.33          | Peak     | 290.00         | 150         | Vertical | Pass    |
| 6** | 16079.287       | 45.70            | 1.63        | 54.0           | -8.30           | AV       | 290.00         | 150         | 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   | 1617.100        | 38.64            | -17.64      | 74.0           | -35.36          | Peak     | 271.00         | 150         | Horizontal | Pass    |
| 1** | 1617.100        | 28.71            | -17.64      | 54.0           | -25.29          | AV       | 271.00         | 150         | Horizontal | Pass    |
| 2   | 4288.400        | 49.28            | -4.97       | 74.0           | -24.72          | Peak     | 323.00         | 150         | Horizontal | Pass    |
| 2** | 4288.400        | 40.05            | -4.97       | 54.0           | -13.95          | AV       | 323.00         | 150         | Horizontal | Pass    |
| 3   | 5591.600        | 91.87            | -2.39       | --             | --              | Peak     | 160.00         | 150         | Horizontal | N/A     |
| 3** | 5591.600        | 84.83            | -2.39       | --             | --              | AV       | 160.00         | 150         | Horizontal | N/A     |
| 4   | 7343.275        | 49.48            | -3.59       | 74.0           | -24.52          | Peak     | 298.00         | 150         | Horizontal | Pass    |
| 4** | 7343.275        | 41.05            | -3.59       | 54.0           | -12.95          | AV       | 298.00         | 150         | Horizontal | Pass    |
| 5   | 12221.000       | 52.19            | 1.24        | 74.0           | -21.81          | Peak     | 217.00         | 150         | Horizontal | Pass    |
| 5** | 12221.000       | 43.25            | 1.24        | 54.0           | -10.75          | AV       | 217.00         | 150         | Horizontal | Pass    |
| 6   | 16094.513       | 54.26            | 1.33        | 74.0           | -19.74          | Peak     | 18.00          | 150         | Horizontal | Pass    |
| 6** | 16094.513       | 45.64            | 1.33        | 54.0           | -8.36           | AV       | 18.00          | 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   | 1571.500        | 38.75            | -17.52      | 74.0           | -35.25          | Peak     | 83.00          | 150         | Vertical | Pass    |
| 1** | 1571.500        | 28.46            | -17.52      | 54.0           | -25.54          | AV       | 83.00          | 150         | Vertical | Pass    |
| 2   | 4235.800        | 49.41            | -4.68       | 74.0           | -24.59          | Peak     | 18.00          | 150         | Vertical | Pass    |
| 2** | 4235.800        | 39.73            | -4.68       | 54.0           | -14.27          | AV       | 18.00          | 150         | Vertical | Pass    |
| 3   | 5588.200        | 88.63            | -2.31       | --             | --              | Peak     | 314.00         | 150         | Vertical | N/A     |
| 3** | 5588.200        | 81.34            | -2.31       | --             | --              | AV       | 314.00         | 150         | Vertical | N/A     |
| 4   | 7339.825        | 49.37            | -3.50       | 74.0           | -24.63          | Peak     | 298.00         | 150         | Vertical | Pass    |
| 4** | 7339.825        | 40.45            | -3.50       | 54.0           | -13.55          | AV       | 298.00         | 150         | Vertical | Pass    |
| 5   | 12212.950       | 52.33            | 1.12        | 74.0           | -21.67          | Peak     | 250.00         | 150         | Vertical | Pass    |
| 5** | 12212.950       | 42.75            | 1.12        | 54.0           | -11.25          | AV       | 250.00         | 150         | Vertical | Pass    |
| 6   | 15845.925       | 54.48            | 1.36        | 74.0           | -19.52          | Peak     | 346.00         | 150         | Vertical | Pass    |
| 6** | 15845.925       | 45.69            | 1.36        | 54.0           | -8.31           | AV       | 346.00         | 150         | 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   | 1448.200        | 38.77            | -17.47      | 74.0           | -35.23          | Peak     | 31.00          | 150         | Horizontal | Pass    |
| 1** | 1448.200        | 28.85            | -17.47      | 54.0           | -25.15          | AV       | 31.00          | 150         | Horizontal | Pass    |
| 2   | 4363.000        | 50.23            | -3.82       | 74.0           | -23.77          | Peak     | 139.00         | 150         | Horizontal | Pass    |
| 2** | 4363.000        | 40.64            | -3.82       | 54.0           | -13.36          | AV       | 139.00         | 150         | Horizontal | Pass    |
| 3   | 5668.000        | 95.32            | -2.39       | --             | --              | Peak     | 119.00         | 150         | Horizontal | N/A     |
| 3** | 5668.000        | 88.60            | -2.39       | --             | --              | AV       | 119.00         | 150         | Horizontal | N/A     |
| 4   | 7349.025        | 50.24            | -3.86       | 74.0           | -23.76          | Peak     | 28.00          | 150         | Horizontal | Pass    |
| 4** | 7349.025        | 40.58            | -3.86       | 54.0           | -13.42          | AV       | 28.00          | 150         | Horizontal | Pass    |
| 5   | 11591.663       | 52.08            | -0.20       | 74.0           | -21.92          | Peak     | 185.00         | 150         | Horizontal | Pass    |
| 5** | 11591.663       | 42.51            | -0.20       | 54.0           | -11.49          | AV       | 185.00         | 150         | Horizontal | Pass    |
| 6   | 16096.349       | 54.77            | 1.29        | 74.0           | -19.23          | Peak     | 92.00          | 150         | Horizontal | Pass    |
| 6** | 16096.349       | 44.59            | 1.29        | 54.0           | -9.41           | AV       | 92.00          | 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   | 1528.000        | 39.12            | -17.45      | 74.0           | -34.88          | Peak     | 252.00         | 150         | Vertical | Pass    |
| 1** | 1528.000        | 28.92            | -17.45      | 54.0           | -25.08          | AV       | 252.00         | 150         | Vertical | Pass    |
| 2   | 4360.000        | 50.22            | -3.76       | 74.0           | -23.78          | Peak     | 232.00         | 150         | Vertical | Pass    |
| 2** | 4360.000        | 40.24            | -3.76       | 54.0           | -13.76          | AV       | 232.00         | 150         | Vertical | Pass    |
| 3   | 5668.600        | 91.49            | -2.44       | --             | --              | Peak     | 314.00         | 150         | Vertical | N/A     |
| 3** | 5668.600        | 84.48            | -2.44       | --             | --              | AV       | 314.00         | 150         | Vertical | N/A     |
| 4   | 7381.800        | 49.17            | -3.77       | 74.0           | -24.83          | Peak     | 127.00         | 150         | Vertical | Pass    |
| 4** | 7381.800        | 40.54            | -3.77       | 54.0           | -13.46          | AV       | 127.00         | 150         | Vertical | Pass    |
| 5   | 11978.637       | 51.56            | 0.85        | 74.0           | -22.44          | Peak     | 315.00         | 150         | Vertical | Pass    |
| 5** | 11978.637       | 41.77            | 0.85        | 54.0           | -12.23          | AV       | 315.00         | 150         | Vertical | Pass    |
| 6   | 16096.874       | 54.41            | 1.28        | 74.0           | -19.59          | Peak     | 309.00         | 150         | Vertical | Pass    |
| 6** | 16096.874       | 45.49            | 1.28        | 54.0           | -8.51           | AV       | 309.00         | 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   | 1603.700        | 38.78            | -17.60      | 74.0           | -35.22          | Peak     | 260.00         | 150         | Horizontal | Pass    |
| 1** | 1603.700        | 28.57            | -17.60      | 54.0           | -25.43          | AV       | 260.00         | 150         | Horizontal | Pass    |
| 2   | 4233.200        | 48.99            | -4.52       | 74.0           | -25.01          | Peak     | 180.00         | 150         | Horizontal | Pass    |
| 2** | 4233.200        | 41.20            | -4.52       | 54.0           | -12.80          | AV       | 180.00         | 150         | Horizontal | Pass    |
| 3   | 5499.600        | 95.77            | -2.11       | --             | --              | Peak     | 170.00         | 150         | Horizontal | N/A     |
| 3** | 5499.600        | 88.02            | -2.11       | --             | --              | AV       | 170.00         | 150         | Horizontal | N/A     |
| 4   | 7359.088        | 49.34            | -4.08       | 74.0           | -24.66          | Peak     | 312.00         | 150         | Horizontal | Pass    |
| 4** | 7359.088        | 39.91            | -4.08       | 54.0           | -14.09          | AV       | 312.00         | 150         | Horizontal | Pass    |
| 5   | 12219.850       | 52.20            | 1.22        | 74.0           | -21.80          | Peak     | 201.00         | 150         | Horizontal | Pass    |
| 5** | 12219.850       | 43.20            | 1.22        | 54.0           | -10.80          | AV       | 201.00         | 150         | Horizontal | Pass    |
| 6   | 15625.425       | 54.87            | 1.72        | 74.0           | -19.13          | Peak     | 218.00         | 150         | Horizontal | Pass    |
| 6** | 15625.425       | 45.36            | 1.72        | 54.0           | -8.64           | AV       | 218.00         | 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   | 1569.800        | 39.00            | -17.48      | 74.0           | -35.00          | Peak     | 249.00         | 150         | Vertical | Pass    |
| 1** | 1569.800        | 28.58            | -17.48      | 54.0           | -25.42          | AV       | 249.00         | 150         | Vertical | Pass    |
| 2   | 4265.200        | 49.32            | -4.65       | 74.0           | -24.68          | Peak     | 140.00         | 150         | Vertical | Pass    |
| 2** | 4265.200        | 41.41            | -4.65       | 54.0           | -12.59          | AV       | 140.00         | 150         | Vertical | Pass    |
| 3   | 5499.400        | 90.41            | -2.10       | --             | --              | Peak     | 313.00         | 150         | Vertical | N/A     |
| 3** | 5499.400        | 83.79            | -2.10       | --             | --              | AV       | 313.00         | 150         | Vertical | N/A     |
| 4   | 7368.862        | 49.38            | -4.07       | 74.0           | -24.62          | Peak     | 344.00         | 150         | Vertical | Pass    |
| 4** | 7368.862        | 40.36            | -4.07       | 54.0           | -13.64          | AV       | 344.00         | 150         | Vertical | Pass    |
| 5   | 11636.225       | 52.35            | -0.22       | 74.0           | -21.65          | Peak     | 123.00         | 150         | Vertical | Pass    |
| 5** | 11636.225       | 42.56            | -0.22       | 54.0           | -11.44          | AV       | 123.00         | 150         | Vertical | Pass    |
| 6   | 15628.049       | 54.75            | 1.71        | 74.0           | -19.25          | Peak     | 272.00         | 150         | Vertical | Pass    |
| 6** | 15628.049       | 45.14            | 1.71        | 54.0           | -8.86           | AV       | 272.00         | 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   | 1615.500        | 38.43            | -17.66      | 74.0           | -35.57          | Peak     | 2.00           | 150         | Horizontal | Pass    |
| 1** | 1615.500        | 28.57            | -17.66      | 54.0           | -25.43          | AV       | 2.00           | 150         | Horizontal | Pass    |
| 2   | 4267.800        | 49.20            | -4.52       | 74.0           | -24.80          | Peak     | 303.00         | 150         | Horizontal | Pass    |
| 2** | 4267.800        | 39.57            | -4.52       | 54.0           | -14.43          | AV       | 303.00         | 150         | Horizontal | Pass    |
| 3   | 5581.400        | 94.25            | -2.29       | --             | --              | Peak     | 171.00         | 150         | Horizontal | N/A     |
| 3** | 5581.400        | 86.49            | -2.29       | --             | --              | AV       | 171.00         | 150         | Horizontal | N/A     |
| 4   | 7382.375        | 49.34            | -3.83       | 74.0           | -24.66          | Peak     | 12.00          | 150         | Horizontal | Pass    |
| 4** | 7382.375        | 41.28            | -3.83       | 54.0           | -12.72          | AV       | 12.00          | 150         | Horizontal | Pass    |
| 5   | 11635.363       | 52.22            | -0.22       | 74.0           | -21.78          | Peak     | 156.00         | 150         | Horizontal | Pass    |
| 5** | 11635.363       | 42.38            | -0.22       | 54.0           | -11.62          | AV       | 156.00         | 150         | Horizontal | Pass    |
| 6   | 16012.088       | 54.55            | 0.46        | 74.0           | -19.45          | Peak     | 142.00         | 150         | Horizontal | Pass    |
| 6** | 16012.088       | 44.89            | 0.46        | 54.0           | -9.11           | AV       | 142.00         | 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   | 1625.700        | 38.57            | -17.72      | 74.0           | -35.43          | Peak     | 191.00         | 150         | Vertical | Pass    |
| 1** | 1625.700        | 28.93            | -17.72      | 54.0           | -25.07          | AV       | 191.00         | 150         | Vertical | Pass    |
| 2   | 4246.600        | 49.91            | -4.91       | 74.0           | -24.09          | Peak     | 8.00           | 150         | Vertical | Pass    |
| 2** | 4246.600        | 39.37            | -4.91       | 54.0           | -14.63          | AV       | 8.00           | 150         | Vertical | Pass    |
| 3   | 5581.000        | 90.75            | -2.27       | --             | --              | Peak     | 313.00         | 150         | Vertical | N/A     |
| 3** | 5581.000        | 83.74            | -2.27       | --             | --              | AV       | 313.00         | 150         | Vertical | N/A     |
| 4   | 7380.650        | 49.25            | -3.65       | 74.0           | -24.75          | Peak     | 299.00         | 150         | Vertical | Pass    |
| 4** | 7380.650        | 40.77            | -3.65       | 54.0           | -13.23          | AV       | 299.00         | 150         | Vertical | Pass    |
| 5   | 11632.487       | 52.30            | -0.21       | 74.0           | -21.70          | Peak     | 28.00          | 150         | Vertical | Pass    |
| 5** | 11632.487       | 42.80            | -0.21       | 54.0           | -11.20          | AV       | 28.00          | 150         | Vertical | Pass    |
| 6   | 15864.037       | 54.98            | 0.84        | 74.0           | -19.02          | Peak     | 18.00          | 150         | Vertical | Pass    |
| 6** | 15864.037       | 46.09            | 0.84        | 54.0           | -7.91           | AV       | 18.00          | 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   | 1550.000        | 38.50            | -17.45      | 74.0           | -35.50          | Peak     | 326.00         | 150         | Horizontal | Pass    |
| 1** | 1550.000        | 29.12            | -17.45      | 54.0           | -24.88          | AV       | 326.00         | 150         | Horizontal | Pass    |
| 2   | 4358.400        | 49.58            | -3.78       | 74.0           | -24.42          | Peak     | 34.00          | 150         | Horizontal | Pass    |
| 2** | 4358.400        | 40.84            | -3.78       | 54.0           | -13.16          | AV       | 34.00          | 150         | Horizontal | Pass    |
| 3   | 5697.600        | 96.35            | -2.09       | --             | --              | Peak     | 115.00         | 150         | Horizontal | N/A     |
| 3** | 5697.600        | 88.87            | -2.09       | --             | --              | AV       | 115.00         | 150         | Horizontal | N/A     |
| 4   | 7350.175        | 49.21            | -3.87       | 74.0           | -24.79          | Peak     | 346.00         | 150         | Horizontal | Pass    |
| 4** | 7350.175        | 40.00            | -3.87       | 54.0           | -14.00          | AV       | 346.00         | 150         | Horizontal | Pass    |
| 5   | 11599.713       | 52.31            | -0.07       | 74.0           | -21.69          | Peak     | 27.00          | 150         | Horizontal | Pass    |
| 5** | 11599.713       | 42.70            | -0.07       | 54.0           | -11.30          | AV       | 27.00          | 150         | Horizontal | Pass    |
| 6   | 15856.687       | 55.11            | 1.10        | 74.0           | -18.89          | Peak     | 346.00         | 150         | Horizontal | Pass    |
| 6** | 15856.687       | 45.35            | 1.10        | 54.0           | -8.65           | AV       | 346.00         | 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   | 1515.800        | 38.78            | -17.57      | 74.0           | -35.22          | Peak     | 278.00         | 150         | Vertical | Pass    |
| 1** | 1515.800        | 29.61            | -17.57      | 54.0           | -24.39          | AV       | 278.00         | 150         | Vertical | Pass    |
| 2   | 4185.000        | 49.89            | -4.95       | 74.0           | -24.11          | Peak     | 48.00          | 150         | Vertical | Pass    |
| 2** | 4185.000        | 39.43            | -4.95       | 54.0           | -14.57          | AV       | 48.00          | 150         | Vertical | Pass    |
| 3   | 5701.800        | 93.35            | -2.12       | --             | --              | Peak     | 313.00         | 150         | Vertical | N/A     |
| 3** | 5701.800        | 86.70            | -2.12       | --             | --              | AV       | 313.00         | 150         | Vertical | N/A     |
| 4   | 7352.475        | 49.08            | -3.84       | 74.0           | -24.92          | Peak     | 12.00          | 150         | Vertical | Pass    |
| 4** | 7352.475        | 39.94            | -3.84       | 54.0           | -14.06          | AV       | 12.00          | 150         | Vertical | Pass    |
| 5   | 11930.912       | 52.23            | 1.59        | 74.0           | -21.77          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 5** | 11930.912       | 42.40            | 1.59        | 54.0           | -11.60          | AV       | 360.00         | 150         | Vertical | Pass    |
| 6   | 15840.938       | 54.73            | 1.43        | 74.0           | -19.27          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 6** | 15840.938       | 45.71            | 1.43        | 54.0           | -8.29           | AV       | 0.00           | 150         | 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   | 1526.000        | 38.10            | -17.70      | 74.0           | -35.90          | Peak     | 233.00         | 150         | Horizontal | Pass    |
| 1** | 1526.000        | 28.41            | -17.70      | 54.0           | -25.59          | AV       | 233.00         | 150         | Horizontal | Pass    |
| 2   | 4370.800        | 49.89            | -4.39       | 74.0           | -24.11          | Peak     | 210.00         | 150         | Horizontal | Pass    |
| 2** | 4370.800        | 40.10            | -4.39       | 54.0           | -13.90          | AV       | 210.00         | 150         | Horizontal | Pass    |
| 3   | 5503.400        | 92.52            | -2.23       | --             | --              | Peak     | 168.00         | 150         | Horizontal | N/A     |
| 3** | 5503.400        | 83.95            | -2.23       | --             | --              | AV       | 168.00         | 150         | Horizontal | N/A     |
| 4   | 7350.750        | 49.44            | -3.87       | 74.0           | -24.56          | Peak     | 92.00          | 150         | Horizontal | Pass    |
| 4** | 7350.750        | 40.41            | -3.87       | 54.0           | -13.59          | AV       | 92.00          | 150         | Horizontal | Pass    |
| 5   | 10936.738       | 51.85            | -0.03       | 74.0           | -22.15          | Peak     | 107.00         | 150         | Horizontal | Pass    |
| 5** | 10936.738       | 42.58            | -0.03       | 54.0           | -11.42          | AV       | 107.00         | 150         | Horizontal | Pass    |
| 6   | 15849.600       | 54.60            | 1.33        | 74.0           | -19.40          | Peak     | 273.00         | 150         | Horizontal | Pass    |
| 6** | 15849.600       | 45.61            | 1.33        | 54.0           | -8.39           | AV       | 273.00         | 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   | 1594.400        | 38.67            | -17.49      | 74.0           | -35.33          | Peak     | 71.00          | 150         | Vertical | Pass    |
| 1** | 1594.400        | 29.28            | -17.49      | 54.0           | -24.72          | AV       | 71.00          | 150         | Vertical | Pass    |
| 2   | 4257.600        | 49.34            | -4.85       | 74.0           | -24.66          | Peak     | 202.00         | 150         | Vertical | Pass    |
| 2** | 4257.600        | 39.72            | -4.85       | 54.0           | -14.28          | AV       | 202.00         | 150         | Vertical | Pass    |
| 3   | 5514.400        | 86.80            | -2.52       | --             | --              | Peak     | 293.00         | 150         | Vertical | N/A     |
| 3** | 5514.400        | 78.74            | -2.52       | --             | --              | AV       | 293.00         | 150         | Vertical | N/A     |
| 4   | 7336.663        | 49.84            | -3.46       | 74.0           | -24.16          | Peak     | 189.00         | 150         | Vertical | Pass    |
| 4** | 7336.663        | 40.96            | -3.46       | 54.0           | -13.04          | AV       | 189.00         | 150         | Vertical | Pass    |
| 5   | 11967.713       | 51.80            | 0.83        | 74.0           | -22.20          | Peak     | 204.00         | 150         | Vertical | Pass    |
| 5** | 11967.713       | 42.41            | 0.83        | 54.0           | -11.59          | AV       | 204.00         | 150         | Vertical | Pass    |
| 6   | 15849.862       | 54.34            | 1.33        | 74.0           | -19.66          | Peak     | 272.00         | 150         | Vertical | Pass    |
| 6** | 15849.862       | 46.29            | 1.33        | 54.0           | -7.71           | AV       | 272.00         | 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   | 1441.800        | 38.73            | -17.44      | 74.0           | -35.27          | Peak     | 109.00         | 150         | Horizontal | Pass    |
| 1** | 1441.800        | 29.04            | -17.44      | 54.0           | -24.96          | AV       | 109.00         | 150         | Horizontal | Pass    |
| 2   | 4362.600        | 49.29            | -3.81       | 74.0           | -24.71          | Peak     | 147.00         | 150         | Horizontal | Pass    |
| 2** | 4362.600        | 41.21            | -3.81       | 54.0           | -12.79          | AV       | 147.00         | 150         | Horizontal | Pass    |
| 3   | 5587.800        | 91.53            | -2.30       | --             | --              | Peak     | 179.00         | 150         | Horizontal | N/A     |
| 3** | 5587.800        | 84.25            | -2.30       | --             | --              | AV       | 179.00         | 150         | Horizontal | N/A     |
| 4   | 7342.125        | 50.12            | -3.67       | 74.0           | -23.88          | Peak     | 250.00         | 150         | Horizontal | Pass    |
| 4** | 7342.125        | 40.12            | -3.67       | 54.0           | -13.88          | AV       | 250.00         | 150         | Horizontal | Pass    |
| 5   | 11620.700       | 53.00            | -0.04       | 74.0           | -21.00          | Peak     | 235.00         | 150         | Horizontal | Pass    |
| 5** | 11620.700       | 42.37            | -0.04       | 54.0           | -11.63          | AV       | 235.00         | 150         | Horizontal | Pass    |
| 6   | 15842.513       | 54.90            | 1.41        | 74.0           | -19.10          | Peak     | 198.00         | 150         | Horizontal | Pass    |
| 6** | 15842.513       | 45.42            | 1.41        | 54.0           | -8.58           | AV       | 198.00         | 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   | 1468.600        | 38.64            | -17.53      | 74.0           | -35.36          | Peak     | 20.00          | 150         | Vertical | Pass    |
| 1** | 1468.600        | 28.89            | -17.53      | 54.0           | -25.11          | AV       | 20.00          | 150         | Vertical | Pass    |
| 2   | 3842.200        | 49.01            | -5.05       | 74.0           | -24.99          | Peak     | 301.00         | 150         | Vertical | Pass    |
| 2** | 3842.200        | 39.06            | -5.05       | 54.0           | -14.94          | AV       | 301.00         | 150         | Vertical | Pass    |
| 3   | 5587.600        | 87.99            | -2.29       | --             | --              | Peak     | 292.00         | 150         | Vertical | N/A     |
| 3** | 5587.600        | 80.18            | -2.29       | --             | --              | AV       | 292.00         | 150         | Vertical | N/A     |
| 4   | 7342.125        | 49.55            | -3.67       | 74.0           | -24.45          | Peak     | 29.00          | 150         | Vertical | Pass    |
| 4** | 7342.125        | 40.84            | -3.67       | 54.0           | -13.16          | AV       | 29.00          | 150         | Vertical | Pass    |
| 5   | 12231.349       | 52.40            | 1.26        | 74.0           | -21.60          | Peak     | 235.00         | 150         | Vertical | Pass    |
| 5** | 12231.349       | 42.50            | 1.26        | 54.0           | -11.50          | AV       | 235.00         | 150         | Vertical | Pass    |
| 6   | 15624.637       | 54.61            | 1.71        | 74.0           | -19.39          | Peak     | 198.00         | 150         | Vertical | Pass    |
| 6** | 15624.637       | 44.99            | 1.71        | 54.0           | -9.01           | AV       | 198.00         | 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   | 1591.900        | 38.17            | -17.52      | 74.0           | -35.83          | Peak     | 188.00         | 150         | Horizontal | Pass    |
| 1** | 1591.900        | 28.80            | -17.52      | 54.0           | -25.20          | AV       | 188.00         | 150         | Horizontal | Pass    |
| 2   | 4042.000        | 49.91            | -4.86       | 74.0           | -24.09          | Peak     | 12.00          | 150         | Horizontal | Pass    |
| 2** | 4042.000        | 39.30            | -4.86       | 54.0           | -14.70          | AV       | 12.00          | 150         | Horizontal | Pass    |
| 3   | 5667.400        | 94.19            | -2.34       | --             | --              | Peak     | 116.00         | 150         | Horizontal | N/A     |
| 3** | 5667.400        | 86.75            | -2.34       | --             | --              | AV       | 116.00         | 150         | Horizontal | N/A     |
| 4   | 7737.150        | 49.38            | -3.28       | 74.0           | -24.62          | Peak     | 66.00          | 150         | Horizontal | Pass    |
| 4** | 7737.150        | 39.79            | -3.28       | 54.0           | -14.21          | AV       | 66.00          | 150         | Horizontal | Pass    |
| 5   | 11025.863       | 52.18            | -0.68       | 74.0           | -21.82          | Peak     | 326.00         | 150         | Horizontal | Pass    |
| 5** | 11025.863       | 42.67            | -0.68       | 54.0           | -11.33          | AV       | 326.00         | 150         | Horizontal | Pass    |
| 6   | 15852.488       | 55.07            | 1.26        | 74.0           | -18.93          | Peak     | 100.00         | 150         | Horizontal | Pass    |
| 6** | 15852.488       | 45.86            | 1.26        | 54.0           | -8.14           | AV       | 100.00         | 150         | 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   | 1509.900        | 38.88            | -17.60      | 74.0           | -35.12          | Peak     | 354.00         | 150         | Vertical | Pass    |
| 1** | 1509.900        | 29.27            | -17.60      | 54.0           | -24.73          | AV       | 354.00         | 150         | Vertical | Pass    |
| 2   | 4289.600        | 49.88            | -4.97       | 74.0           | -24.12          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 2** | 4289.600        | 39.40            | -4.97       | 54.0           | -14.60          | AV       | 0.00           | 150         | Vertical | Pass    |
| 3   | 5663.400        | 91.43            | -2.30       | --             | --              | Peak     | 314.00         | 150         | Vertical | N/A     |
| 3** | 5663.400        | 82.50            | -2.30       | --             | --              | AV       | 314.00         | 150         | Vertical | N/A     |
| 4   | 7343.275        | 50.14            | -3.59       | 74.0           | -23.86          | Peak     | 202.00         | 150         | Vertical | Pass    |
| 4** | 7343.275        | 41.07            | -3.59       | 54.0           | -12.93          | AV       | 202.00         | 150         | Vertical | Pass    |
| 5   | 11594.537       | 52.56            | -0.17       | 74.0           | -21.44          | Peak     | 202.00         | 150         | Vertical | Pass    |
| 5** | 11594.537       | 42.57            | -0.17       | 54.0           | -11.43          | AV       | 202.00         | 150         | Vertical | Pass    |
| 6   | 16087.687       | 55.57            | 1.48        | 74.0           | -18.43          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 6** | 16087.687       | 45.68            | 1.48        | 54.0           | -8.32           | AV       | 0.00           | 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   | 1451.700        | 38.71            | -17.33      | 74.0           | -35.29          | Peak     | 121.00         | 150         | Horizontal | Pass    |
| 1** | 1451.700        | 29.34            | -17.33      | 54.0           | -24.66          | AV       | 121.00         | 150         | Horizontal | Pass    |
| 2   | 4356.800        | 49.05            | -3.69       | 74.0           | -24.95          | Peak     | 354.00         | 150         | Horizontal | Pass    |
| 2** | 4356.800        | 40.61            | -3.69       | 54.0           | -13.39          | AV       | 354.00         | 150         | Horizontal | Pass    |
| 3   | 5523.400        | 90.33            | -2.40       | --             | --              | Peak     | 158.00         | 150         | Horizontal | N/A     |
| 3** | 5523.400        | 82.46            | -2.40       | --             | --              | AV       | 158.00         | 150         | Horizontal | N/A     |
| 4   | 7380.362        | 50.39            | -3.61       | 74.0           | -23.61          | Peak     | 122.00         | 150         | Horizontal | Pass    |
| 4** | 7380.362        | 40.58            | -3.61       | 54.0           | -13.42          | AV       | 122.00         | 150         | Horizontal | Pass    |
| 5   | 11598.276       | 51.71            | -0.10       | 74.0           | -22.29          | Peak     | 75.00          | 150         | Horizontal | Pass    |
| 5** | 11598.276       | 43.42            | -0.10       | 54.0           | -10.58          | AV       | 75.00          | 150         | Horizontal | Pass    |
| 6   | 15845.137       | 55.56            | 1.37        | 74.0           | -18.44          | Peak     | 326.00         | 150         | Horizontal | Pass    |
| 6** | 15845.137       | 45.48            | 1.37        | 54.0           | -8.52           | AV       | 326.00         | 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   | 1446.600        | 38.33            | -17.49      | 74.0           | -35.67          | Peak     | 315.00         | 150         | Vertical | Pass    |
| 1** | 1446.600        | 28.36            | -17.49      | 54.0           | -25.64          | AV       | 315.00         | 150         | Vertical | Pass    |
| 2   | 4268.200        | 48.97            | -4.52       | 74.0           | -25.03          | Peak     | 323.00         | 150         | Vertical | Pass    |
| 2** | 4268.200        | 40.41            | -4.52       | 54.0           | -13.59          | AV       | 323.00         | 150         | Vertical | Pass    |
| 3   | 5538.400        | 85.45            | -2.08       | --             | --              | Peak     | 272.00         | 150         | Vertical | N/A     |
| 3** | 5538.400        | 77.06            | -2.08       | --             | --              | AV       | 272.00         | 150         | Vertical | N/A     |
| 4   | 7343.275        | 49.85            | -3.59       | 74.0           | -24.15          | Peak     | 105.00         | 150         | Vertical | Pass    |
| 4** | 7343.275        | 40.23            | -3.59       | 54.0           | -13.77          | AV       | 105.00         | 150         | Vertical | Pass    |
| 5   | 11611.500       | 52.31            | -0.07       | 74.0           | -21.69          | Peak     | 167.00         | 150         | Vertical | Pass    |
| 5** | 11611.500       | 43.45            | -0.07       | 54.0           | -10.55          | AV       | 167.00         | 150         | Vertical | Pass    |
| 6   | 16078.238       | 54.37            | 1.61        | 74.0           | -19.63          | Peak     | 309.00         | 150         | Vertical | Pass    |
| 6** | 16078.238       | 44.92            | 1.61        | 54.0           | -9.08           | AV       | 309.00         | 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   | 1606.200        | 38.86            | -17.56      | 74.0           | -35.14          | Peak     | 287.00         | 150         | Horizontal | Pass    |
| 1** | 1606.200        | 28.67            | -17.56      | 54.0           | -25.33          | AV       | 287.00         | 150         | Horizontal | Pass    |
| 2   | 4242.200        | 49.04            | -4.87       | 74.0           | -24.96          | Peak     | 321.00         | 150         | Horizontal | Pass    |
| 2** | 4242.200        | 39.46            | -4.87       | 54.0           | -14.54          | AV       | 321.00         | 150         | Horizontal | Pass    |
| 3   | 5603.200        | 89.13            | -2.61       | --             | --              | Peak     | 156.00         | 150         | Horizontal | N/A     |
| 3** | 5603.200        | 81.11            | -2.61       | --             | --              | AV       | 156.00         | 150         | Horizontal | N/A     |
| 4   | 7349.313        | 49.67            | -3.86       | 74.0           | -24.33          | Peak     | 42.00          | 150         | Horizontal | Pass    |
| 4** | 7349.313        | 40.83            | -3.86       | 54.0           | -13.17          | AV       | 42.00          | 150         | Horizontal | Pass    |
| 5   | 12633.850       | 51.79            | 1.30        | 74.0           | -22.21          | Peak     | 344.00         | 150         | Horizontal | Pass    |
| 5** | 12633.850       | 41.63            | 1.30        | 54.0           | -12.37          | AV       | 344.00         | 150         | Horizontal | Pass    |
| 6   | 15634.350       | 54.72            | 1.57        | 74.0           | -19.28          | Peak     | 146.00         | 150         | Horizontal | Pass    |
| 6** | 15634.350       | 45.33            | 1.57        | 54.0           | -8.67           | AV       | 146.00         | 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   | 1494.100        | 39.12            | -17.57      | 74.0           | -34.88          | Peak     | 102.00         | 150         | Vertical | Pass    |
| 1** | 1494.100        | 28.82            | -17.57      | 54.0           | -25.18          | AV       | 102.00         | 150         | Vertical | Pass    |
| 2   | 4361.000        | 49.19            | -3.76       | 74.0           | -24.81          | Peak     | 233.00         | 150         | Vertical | Pass    |
| 2** | 4361.000        | 40.71            | -3.76       | 54.0           | -13.29          | AV       | 233.00         | 150         | Vertical | Pass    |
| 3   | 5616.600        | 86.02            | -2.63       | --             | --              | Peak     | 315.00         | 150         | Vertical | N/A     |
| 3** | 5616.600        | 78.80            | -2.63       | --             | --              | AV       | 315.00         | 150         | Vertical | N/A     |
| 4   | 7374.900        | 49.28            | -3.74       | 74.0           | -24.72          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 4** | 7374.900        | 40.25            | -3.74       | 54.0           | -13.75          | AV       | 360.00         | 150         | Vertical | Pass    |
| 5   | 12219.275       | 51.85            | 1.22        | 74.0           | -22.15          | Peak     | 107.00         | 150         | Vertical | Pass    |
| 5** | 12219.275       | 43.06            | 1.22        | 54.0           | -10.94          | AV       | 107.00         | 150         | Vertical | Pass    |
| 6   | 15838.576       | 54.49            | 1.45        | 74.0           | -19.51          | Peak     | 199.00         | 150         | Vertical | Pass    |
| 6** | 15838.576       | 45.90            | 1.45        | 54.0           | -8.10           | AV       | 199.00         | 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   | 1577.300        | 38.44            | -17.52      | 74.0           | -35.56          | Peak     | 238.00         | 150         | Horizontal | Pass    |
| 1** | 1577.300        | 28.80            | -17.52      | 54.0           | -25.20          | AV       | 238.00         | 150         | Horizontal | Pass    |
| 2   | 4232.800        | 50.09            | -4.53       | 74.0           | -23.91          | Peak     | 328.00         | 150         | Horizontal | Pass    |
| 2** | 4232.800        | 40.28            | -4.53       | 54.0           | -13.72          | AV       | 328.00         | 150         | Horizontal | Pass    |
| 3   | 5743.600        | 98.17            | -2.28       | --             | --              | Peak     | 115.00         | 150         | Horizontal | N/A     |
| 3** | 5743.600        | 91.42            | -2.28       | --             | --              | AV       | 115.00         | 150         | Horizontal | N/A     |
| 4   | 7384.388        | 49.40            | -3.86       | 74.0           | -24.60          | Peak     | 357.00         | 150         | Horizontal | Pass    |
| 4** | 7384.388        | 40.38            | -3.86       | 54.0           | -13.62          | AV       | 357.00         | 150         | Horizontal | Pass    |
| 5   | 11942.988       | 52.52            | 1.60        | 74.0           | -21.48          | Peak     | 279.00         | 150         | Horizontal | Pass    |
| 5** | 11942.988       | 43.26            | 1.60        | 54.0           | -10.74          | AV       | 279.00         | 150         | Horizontal | Pass    |
| 6   | 15843.562       | 54.96            | 1.39        | 74.0           | -19.04          | Peak     | 254.00         | 150         | Horizontal | Pass    |
| 6** | 15843.562       | 45.17            | 1.39        | 54.0           | -8.83           | AV       | 254.00         | 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   | 1538.900        | 38.65            | -17.51      | 74.0           | -35.35          | Peak     | 312.00         | 150         | Vertical | Pass    |
| 1** | 1538.900        | 28.68            | -17.51      | 54.0           | -25.32          | AV       | 312.00         | 150         | Vertical | Pass    |
| 2   | 4152.800        | 49.30            | -4.90       | 74.0           | -24.70          | Peak     | 208.00         | 150         | Vertical | Pass    |
| 2** | 4152.800        | 39.42            | -4.90       | 54.0           | -14.58          | AV       | 208.00         | 150         | Vertical | Pass    |
| 3   | 5746.400        | 94.57            | -2.43       | --             | --              | Peak     | 313.00         | 150         | Vertical | N/A     |
| 3** | 5746.400        | 87.33            | -2.43       | --             | --              | AV       | 313.00         | 150         | Vertical | N/A     |
| 4   | 7377.487        | 49.23            | -3.72       | 74.0           | -24.77          | Peak     | 28.00          | 150         | Vertical | Pass    |
| 4** | 7377.487        | 40.34            | -3.72       | 54.0           | -13.66          | AV       | 28.00          | 150         | Vertical | Pass    |
| 5   | 12087.312       | 52.79            | 0.54        | 74.0           | -21.21          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 5** | 12087.312       | 41.98            | 0.54        | 54.0           | -12.02          | AV       | 360.00         | 150         | Vertical | Pass    |
| 6   | 15853.275       | 54.06            | 1.24        | 74.0           | -19.94          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 6** | 15853.275       | 45.77            | 1.24        | 54.0           | -8.23           | AV       | 0.00           | 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   | 1544.500        | 39.28            | -17.51      | 74.0           | -34.72          | Peak     | 340.00         | 150         | Horizontal | Pass    |
| 1** | 1544.500        | 29.84            | -17.51      | 54.0           | -24.16          | AV       | 340.00         | 150         | Horizontal | Pass    |
| 2   | 4221.600        | 49.62            | -4.91       | 74.0           | -24.38          | Peak     | 333.00         | 150         | Horizontal | Pass    |
| 2** | 4221.600        | 40.51            | -4.91       | 54.0           | -13.49          | AV       | 333.00         | 150         | Horizontal | Pass    |
| 3   | 5786.200        | 97.22            | -2.45       | --             | --              | Peak     | 130.00         | 150         | Horizontal | N/A     |
| 3** | 5786.200        | 90.96            | -2.45       | --             | --              | AV       | 130.00         | 150         | Horizontal | N/A     |
| 4   | 7331.775        | 49.68            | -3.59       | 74.0           | -24.32          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 4** | 7331.775        | 40.05            | -3.59       | 54.0           | -13.95          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 5   | 12225.599       | 52.80            | 1.31        | 74.0           | -21.20          | Peak     | 280.00         | 150         | Horizontal | Pass    |
| 5** | 12225.599       | 42.49            | 1.31        | 54.0           | -11.51          | AV       | 280.00         | 150         | Horizontal | Pass    |
| 6   | 16098.713       | 54.62            | 1.23        | 74.0           | -19.38          | Peak     | 272.00         | 150         | Horizontal | Pass    |
| 6** | 16098.713       | 45.21            | 1.23        | 54.0           | -8.79           | AV       | 272.00         | 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   | 1456.800        | 38.58            | -17.48      | 74.0           | -35.42          | Peak     | 145.00         | 150         | Vertical | Pass    |
| 1** | 1456.800        | 28.90            | -17.48      | 54.0           | -25.10          | AV       | 145.00         | 150         | Vertical | Pass    |
| 2   | 4224.800        | 49.51            | -4.79       | 74.0           | -24.49          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 2** | 4224.800        | 40.13            | -4.79       | 54.0           | -13.87          | AV       | 360.00         | 150         | Vertical | Pass    |
| 3   | 5783.200        | 94.46            | -2.23       | --             | --              | Peak     | 313.00         | 150         | Vertical | N/A     |
| 3** | 5783.200        | 86.58            | -2.23       | --             | --              | AV       | 313.00         | 150         | Vertical | N/A     |
| 4   | 7349.887        | 49.42            | -3.87       | 74.0           | -24.58          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 4** | 7349.887        | 40.39            | -3.87       | 54.0           | -13.61          | AV       | 360.00         | 150         | Vertical | Pass    |
| 5   | 11326.875       | 52.52            | 0.48        | 74.0           | -21.48          | Peak     | 124.00         | 150         | Vertical | Pass    |
| 5** | 11326.875       | 42.43            | 0.48        | 54.0           | -11.57          | AV       | 124.00         | 150         | Vertical | Pass    |
| 6   | 16122.863       | 54.13            | 0.72        | 74.0           | -19.87          | Peak     | 90.00          | 150         | Vertical | Pass    |
| 6** | 16122.863       | 44.95            | 0.72        | 54.0           | -9.05           | AV       | 90.00          | 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   | 1598.800        | 38.42            | -17.57      | 74.0           | -35.58          | Peak     | 305.00         | 150         | Horizontal | Pass    |
| 1** | 1598.800        | 28.72            | -17.57      | 54.0           | -25.28          | AV       | 305.00         | 150         | Horizontal | Pass    |
| 2   | 4233.000        | 50.06            | -4.52       | 74.0           | -23.94          | Peak     | 303.00         | 150         | Horizontal | Pass    |
| 2** | 4233.000        | 40.27            | -4.52       | 54.0           | -13.73          | AV       | 303.00         | 150         | Horizontal | Pass    |
| 3   | 5826.200        | 96.02            | -2.36       | --             | --              | Peak     | 120.00         | 150         | Horizontal | N/A     |
| 3** | 5826.200        | 88.94            | -2.36       | --             | --              | AV       | 120.00         | 150         | Horizontal | N/A     |
| 4   | 7675.050        | 48.98            | -2.42       | 74.0           | -25.02          | Peak     | 296.00         | 150         | Horizontal | Pass    |
| 4** | 7675.050        | 39.30            | -2.42       | 54.0           | -14.70          | AV       | 296.00         | 150         | Horizontal | Pass    |
| 5   | 11600.000       | 51.69            | -0.07       | 74.0           | -22.31          | Peak     | 296.00         | 150         | Horizontal | Pass    |
| 5** | 11600.000       | 42.10            | -0.07       | 54.0           | -11.90          | AV       | 296.00         | 150         | Horizontal | Pass    |
| 6   | 15856.162       | 54.03            | 1.13        | 74.0           | -19.97          | Peak     | 238.00         | 150         | Horizontal | Pass    |
| 6** | 15856.162       | 44.98            | 1.13        | 54.0           | -9.02           | AV       | 238.00         | 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   | 1558.600        | 38.34            | -17.57      | 74.0           | -35.66          | Peak     | 88.00          | 100         | Vertical | Pass    |
| 1** | 1558.600        | 29.40            | -17.57      | 54.0           | -24.60          | AV       | 88.00          | 100         | Vertical | Pass    |
| 2   | 4222.400        | 49.74            | -4.87       | 74.0           | -24.26          | Peak     | 360.00         | 200         | Vertical | Pass    |
| 2** | 4222.400        | 40.30            | -4.87       | 54.0           | -13.70          | AV       | 360.00         | 200         | Vertical | Pass    |
| 3   | 5823.000        | 92.58            | -2.41       | --             | --              | Peak     | 353.00         | 100         | Vertical | N/A     |
| 3** | 5823.000        | 85.24            | -2.41       | --             | --              | AV       | 353.00         | 100         | Vertical | N/A     |
| 4   | 7373.463        | 48.93            | -3.77       | 74.0           | -25.07          | Peak     | 168.00         | 100         | Vertical | Pass    |
| 4** | 7373.463        | 40.23            | -3.77       | 54.0           | -13.77          | AV       | 168.00         | 100         | Vertical | Pass    |
| 5   | 11725.062       | 51.61            | 0.85        | 74.0           | -22.39          | Peak     | 74.00          | 150         | Vertical | Pass    |
| 5** | 11725.062       | 42.24            | 0.85        | 54.0           | -11.76          | AV       | 74.00          | 150         | Vertical | Pass    |
| 6   | 16101.599       | 53.90            | 1.13        | 74.0           | -20.10          | Peak     | 217.00         | 400         | Vertical | Pass    |
| 6** | 16101.599       | 45.74            | 1.13        | 54.0           | -8.26           | AV       | 217.00         | 400         | 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   | 1505.300        | 38.90            | -17.60      | 74.0           | -35.10          | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 1** | 1505.300        | 28.91            | -17.60      | 54.0           | -25.09          | AV       | 360.00         | 400         | Horizontal | Pass    |
| 2   | 4350.800        | 49.34            | -4.00       | 74.0           | -24.66          | Peak     | 220.00         | 100         | Horizontal | Pass    |
| 2** | 4350.800        | 40.01            | -4.00       | 54.0           | -13.99          | AV       | 220.00         | 100         | Horizontal | Pass    |
| 3   | 5743.000        | 96.78            | -2.27       | --             | --              | Peak     | 119.00         | 150         | Horizontal | N/A     |
| 3** | 5743.000        | 89.66            | -2.27       | --             | --              | AV       | 119.00         | 150         | Horizontal | N/A     |
| 4   | 7372.025        | 49.49            | -3.85       | 74.0           | -24.51          | Peak     | 95.00          | 200         | Horizontal | Pass    |
| 4** | 7372.025        | 40.48            | -3.85       | 54.0           | -13.52          | AV       | 95.00          | 200         | Horizontal | Pass    |
| 5   | 11334.350       | 51.85            | 0.37        | 74.0           | -22.15          | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 5** | 11334.350       | 41.72            | 0.37        | 54.0           | -12.28          | AV       | 0.00           | 100         | Horizontal | Pass    |
| 6   | 15844.088       | 54.52            | 1.38        | 74.0           | -19.48          | Peak     | 342.00         | 300         | Horizontal | Pass    |
| 6** | 15844.088       | 45.21            | 1.38        | 54.0           | -8.79           | AV       | 342.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1551.700        | 38.45            | -17.35      | 74.0           | -35.55          | Peak     | 105.00         | 200         | Vertical | Pass    |
| 1** | 1551.700        | 29.79            | -17.35      | 54.0           | -24.21          | AV       | 105.00         | 200         | Vertical | Pass    |
| 2   | 3952.800        | 49.32            | -4.63       | 74.0           | -24.68          | Peak     | 70.00          | 400         | Vertical | Pass    |
| 2** | 3952.800        | 39.20            | -4.63       | 54.0           | -14.80          | AV       | 70.00          | 400         | Vertical | Pass    |
| 3   | 5743.600        | 94.26            | -2.28       | --             | --              | Peak     | 309.00         | 200         | Vertical | N/A     |
| 3** | 5743.600        | 86.37            | -2.28       | --             | --              | AV       | 309.00         | 200         | Vertical | N/A     |
| 4   | 7379.788        | 49.59            | -3.61       | 74.0           | -24.41          | Peak     | 282.00         | 400         | Vertical | Pass    |
| 4** | 7379.788        | 40.35            | -3.61       | 54.0           | -13.65          | AV       | 282.00         | 400         | Vertical | Pass    |
| 5   | 12245.724       | 51.76            | 1.01        | 74.0           | -22.24          | Peak     | 360.00         | 100         | Vertical | Pass    |
| 5** | 12245.724       | 42.03            | 1.01        | 54.0           | -11.97          | AV       | 360.00         | 100         | Vertical | Pass    |
| 6   | 15825.450       | 54.67            | 1.63        | 74.0           | -19.33          | Peak     | 234.00         | 100         | Vertical | Pass    |
| 6** | 15825.450       | 44.52            | 1.63        | 54.0           | -9.48           | AV       | 234.00         | 100         | 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   | 1556.100        | 38.52            | -17.50      | 74.0           | -35.48          | Peak     | 73.00          | 200         | Horizontal | Pass    |
| 1** | 1556.100        | 28.97            | -17.50      | 54.0           | -25.03          | AV       | 73.00          | 200         | Horizontal | Pass    |
| 2   | 4163.400        | 49.05            | -4.96       | 74.0           | -24.95          | Peak     | 115.00         | 400         | Horizontal | Pass    |
| 2** | 4163.400        | 39.35            | -4.96       | 54.0           | -14.65          | AV       | 115.00         | 400         | Horizontal | Pass    |
| 3   | 5785.800        | 95.92            | -2.42       | --             | --              | Peak     | 126.00         | 100         | Horizontal | N/A     |
| 3** | 5785.800        | 88.84            | -2.42       | --             | --              | AV       | 126.00         | 100         | Horizontal | N/A     |
| 4   | 7349.313        | 49.24            | -3.86       | 74.0           | -24.76          | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 4** | 7349.313        | 39.93            | -3.86       | 54.0           | -14.07          | AV       | 360.00         | 400         | Horizontal | Pass    |
| 5   | 11599.425       | 52.21            | -0.08       | 74.0           | -21.79          | Peak     | 303.00         | 150         | Horizontal | Pass    |
| 5** | 11599.425       | 42.78            | -0.08       | 54.0           | -11.22          | AV       | 303.00         | 150         | Horizontal | Pass    |
| 6   | 15643.800       | 54.63            | 1.26        | 74.0           | -19.37          | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 6** | 15643.800       | 44.72            | 1.26        | 54.0           | -9.28           | AV       | 0.00           | 400         | 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   | 1461.100        | 38.27            | -17.42      | 74.0           | -35.73          | Peak     | 136.00         | 400         | Vertical | Pass    |
| 1** | 1461.100        | 29.81            | -17.42      | 54.0           | -24.19          | AV       | 136.00         | 400         | Vertical | Pass    |
| 2   | 4234.200        | 48.97            | -4.58       | 74.0           | -25.03          | Peak     | 285.00         | 200         | Vertical | Pass    |
| 2** | 4234.200        | 40.34            | -4.58       | 54.0           | -13.66          | AV       | 285.00         | 200         | Vertical | Pass    |
| 3   | 5787.000        | 92.85            | -2.47       | --             | --              | Peak     | 308.00         | 100         | Vertical | N/A     |
| 3** | 5787.000        | 85.59            | -2.47       | --             | --              | AV       | 308.00         | 100         | Vertical | N/A     |
| 4   | 7358.513        | 49.64            | -4.09       | 74.0           | -24.36          | Peak     | 166.00         | 200         | Vertical | Pass    |
| 4** | 7358.513        | 39.72            | -4.09       | 54.0           | -14.28          | AV       | 166.00         | 200         | Vertical | Pass    |
| 5   | 10636.013       | 52.08            | -0.98       | 74.0           | -21.92          | Peak     | 71.00          | 100         | Vertical | Pass    |
| 5** | 10636.013       | 41.97            | -0.98       | 54.0           | -12.03          | AV       | 71.00          | 100         | Vertical | Pass    |
| 6   | 15839.625       | 54.42            | 1.45        | 74.0           | -19.58          | Peak     | 77.00          | 100         | Vertical | Pass    |
| 6** | 15839.625       | 45.54            | 1.45        | 54.0           | -8.46           | AV       | 77.00          | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1482.400        | 38.87            | -17.55      | 74.0           | -35.13          | Peak     | 40.00          | 400         | Horizontal | Pass    |
| 1** | 1482.400        | 28.95            | -17.55      | 54.0           | -25.05          | AV       | 40.00          | 400         | Horizontal | Pass    |
| 2   | 4233.400        | 49.15            | -4.53       | 74.0           | -24.85          | Peak     | 116.00         | 400         | Horizontal | Pass    |
| 2** | 4233.400        | 39.84            | -4.53       | 54.0           | -14.16          | AV       | 116.00         | 400         | Horizontal | Pass    |
| 3   | 5826.600        | 95.60            | -2.35       | --             | --              | Peak     | 128.00         | 150         | Horizontal | N/A     |
| 3** | 5826.600        | 87.78            | -2.35       | --             | --              | AV       | 128.00         | 150         | Horizontal | N/A     |
| 4   | 7361.962        | 49.81            | -4.01       | 74.0           | -24.19          | Peak     | 50.00          | 400         | Horizontal | Pass    |
| 4** | 7361.962        | 40.01            | -4.01       | 54.0           | -13.99          | AV       | 50.00          | 400         | Horizontal | Pass    |
| 5   | 12607.400       | 51.75            | 1.90        | 74.0           | -22.25          | Peak     | 102.00         | 100         | Horizontal | Pass    |
| 5** | 12607.400       | 42.44            | 1.90        | 54.0           | -11.56          | AV       | 102.00         | 100         | Horizontal | Pass    |
| 6   | 15840.675       | 54.45            | 1.44        | 74.0           | -19.55          | Peak     | 213.00         | 200         | Horizontal | Pass    |
| 6** | 15840.675       | 45.33            | 1.44        | 54.0           | -8.67           | AV       | 213.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1529.000        | 38.77            | -17.50      | 74.0           | -35.23          | Peak     | 21.00          | 100         | Vertical | Pass    |
| 1** | 1529.000        | 29.26            | -17.50      | 54.0           | -24.74          | AV       | 21.00          | 100         | Vertical | Pass    |
| 2   | 4221.400        | 49.25            | -4.92       | 74.0           | -24.75          | Peak     | 26.00          | 200         | Vertical | Pass    |
| 2** | 4221.400        | 39.24            | -4.92       | 54.0           | -14.76          | AV       | 26.00          | 200         | Vertical | Pass    |
| 3   | 5823.800        | 91.80            | -2.41       | --             | --              | Peak     | 360.00         | 200         | Vertical | N/A     |
| 3** | 5823.800        | 85.43            | -2.41       | --             | --              | AV       | 360.00         | 200         | Vertical | N/A     |
| 4   | 7337.525        | 49.22            | -3.54       | 74.0           | -24.78          | Peak     | 346.00         | 100         | Vertical | Pass    |
| 4** | 7337.525        | 40.57            | -3.54       | 54.0           | -13.43          | AV       | 346.00         | 100         | Vertical | Pass    |
| 5   | 11947.588       | 51.93            | 1.47        | 74.0           | -22.07          | Peak     | 101.00         | 150         | Vertical | Pass    |
| 5** | 11947.588       | 43.92            | 1.47        | 54.0           | -10.08          | AV       | 101.00         | 150         | Vertical | Pass    |
| 6   | 15982.162       | 54.02            | 0.28        | 74.0           | -19.98          | Peak     | 319.00         | 300         | Vertical | Pass    |
| 6** | 15982.162       | 44.58            | 0.28        | 54.0           | -9.42           | AV       | 319.00         | 300         | 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   | 1601.900        | 38.54            | -17.64      | 74.0           | -35.46          | Peak     | 74.00          | 200         | Horizontal | Pass    |
| 1** | 1601.900        | 28.74            | -17.64      | 54.0           | -25.26          | AV       | 74.00          | 200         | Horizontal | Pass    |
| 2   | 4250.000        | 49.09            | -4.78       | 74.0           | -24.91          | Peak     | 330.00         | 100         | Horizontal | Pass    |
| 2** | 4250.000        | 39.36            | -4.78       | 54.0           | -14.64          | AV       | 330.00         | 100         | Horizontal | Pass    |
| 3   | 5757.000        | 95.00            | -2.02       | --             | --              | Peak     | 120.00         | 200         | Horizontal | N/A     |
| 3** | 5757.000        | 87.25            | -2.02       | --             | --              | AV       | 120.00         | 200         | Horizontal | N/A     |
| 4   | 7680.513        | 48.83            | -2.64       | 74.0           | -25.17          | Peak     | 225.00         | 400         | Horizontal | Pass    |
| 4** | 7680.513        | 39.56            | -2.64       | 54.0           | -14.44          | AV       | 225.00         | 400         | Horizontal | Pass    |
| 5   | 10930.125       | 52.35            | 0.09        | 74.0           | -21.65          | Peak     | 173.00         | 200         | Horizontal | Pass    |
| 5** | 10930.125       | 42.22            | 0.09        | 54.0           | -11.78          | AV       | 173.00         | 200         | Horizontal | Pass    |
| 6   | 15630.675       | 54.61            | 1.68        | 74.0           | -19.39          | Peak     | 36.00          | 300         | Horizontal | Pass    |
| 6** | 15630.675       | 44.49            | 1.68        | 54.0           | -9.51           | AV       | 36.00          | 300         | 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   | 1474.200        | 38.57            | -17.53      | 74.0           | -35.43          | Peak     | 281.00         | 100         | Vertical | Pass    |
| 1** | 1474.200        | 29.03            | -17.53      | 54.0           | -24.97          | AV       | 281.00         | 100         | Vertical | Pass    |
| 2   | 4201.400        | 49.22            | -5.11       | 74.0           | -24.78          | Peak     | 317.00         | 100         | Vertical | Pass    |
| 2** | 4201.400        | 39.59            | -5.11       | 54.0           | -14.41          | AV       | 317.00         | 100         | Vertical | Pass    |
| 3   | 5760.000        | 91.23            | -1.93       | --             | --              | Peak     | 317.00         | 150         | Vertical | N/A     |
| 3** | 5760.000        | 83.07            | -1.93       | --             | --              | AV       | 317.00         | 150         | Vertical | N/A     |
| 4   | 7333.500        | 48.89            | -3.51       | 74.0           | -25.11          | Peak     | 258.00         | 400         | Vertical | Pass    |
| 4** | 7333.500        | 39.90            | -3.51       | 54.0           | -14.10          | AV       | 258.00         | 400         | Vertical | Pass    |
| 5   | 12236.526       | 51.84            | 1.13        | 74.0           | -22.16          | Peak     | 171.00         | 150         | Vertical | Pass    |
| 5** | 12236.526       | 43.23            | 1.13        | 54.0           | -10.77          | AV       | 171.00         | 150         | Vertical | Pass    |
| 6   | 15818.100       | 53.89            | 1.95        | 74.0           | -20.11          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 6** | 15818.100       | 44.81            | 1.95        | 54.0           | -9.19           | AV       | 0.00           | 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   | 1462.000        | 38.10            | -17.38      | 74.0           | -35.90          | Peak     | 266.00         | 100         | Horizontal | Pass    |
| 1** | 1462.000        | 28.79            | -17.38      | 54.0           | -25.21          | AV       | 266.00         | 100         | Horizontal | Pass    |
| 2   | 4373.600        | 49.17            | -4.37       | 74.0           | -24.83          | Peak     | 203.00         | 400         | Horizontal | Pass    |
| 2** | 4373.600        | 40.07            | -4.37       | 54.0           | -13.93          | AV       | 203.00         | 400         | Horizontal | Pass    |
| 3   | 5797.400        | 93.01            | -2.72       | --             | --              | Peak     | 123.00         | 200         | Horizontal | N/A     |
| 3** | 5797.400        | 85.68            | -2.72       | --             | --              | AV       | 123.00         | 200         | Horizontal | N/A     |
| 4   | 7380.650        | 49.05            | -3.65       | 74.0           | -24.95          | Peak     | 195.00         | 400         | Horizontal | Pass    |
| 4** | 7380.650        | 40.89            | -3.65       | 54.0           | -13.11          | AV       | 195.00         | 400         | Horizontal | Pass    |
| 5   | 11208.713       | 52.22            | -0.23       | 74.0           | -21.78          | Peak     | 195.00         | 200         | Horizontal | Pass    |
| 5** | 11208.713       | 43.96            | -0.23       | 54.0           | -10.04          | AV       | 195.00         | 200         | Horizontal | Pass    |
| 6   | 16070.362       | 54.21            | 1.35        | 74.0           | -19.79          | Peak     | 7.00           | 300         | Horizontal | Pass    |
| 6** | 16070.362       | 45.19            | 1.35        | 54.0           | -8.81           | AV       | 7.00           | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1505.800        | 38.80            | -17.59      | 74.0           | -35.20          | Peak     | 359.00         | 400         | Vertical | Pass    |
| 1** | 1505.800        | 29.89            | -17.59      | 54.0           | -24.11          | AV       | 359.00         | 400         | Vertical | Pass    |
| 2   | 4337.200        | 48.76            | -4.62       | 74.0           | -25.24          | Peak     | 55.00          | 300         | Vertical | Pass    |
| 2** | 4337.200        | 39.22            | -4.62       | 54.0           | -14.78          | AV       | 55.00          | 300         | Vertical | Pass    |
| 3   | 5792.200        | 90.21            | -2.56       | --             | --              | Peak     | 297.00         | 150         | Vertical | N/A     |
| 3** | 5792.200        | 82.17            | -2.56       | --             | --              | AV       | 297.00         | 150         | Vertical | N/A     |
| 4   | 7350.750        | 49.25            | -3.87       | 74.0           | -24.75          | Peak     | 106.00         | 300         | Vertical | Pass    |
| 4** | 7350.750        | 40.30            | -3.87       | 54.0           | -13.70          | AV       | 106.00         | 300         | Vertical | Pass    |
| 5   | 12224.737       | 51.86            | 1.30        | 74.0           | -22.14          | Peak     | 349.00         | 150         | Vertical | Pass    |
| 5** | 12224.737       | 43.18            | 1.30        | 54.0           | -10.82          | AV       | 349.00         | 150         | Vertical | Pass    |
| 6   | 15847.763       | 54.15            | 1.35        | 74.0           | -19.85          | Peak     | 285.00         | 200         | Vertical | Pass    |
| 6** | 15847.763       | 45.33            | 1.35        | 54.0           | -8.67           | AV       | 285.00         | 200         | 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   | 1527.400        | 40.64            | -17.52      | 74.0           | -33.36          | Peak     | 347.00         | 100         | Horizontal | Pass    |
| 1** | 1527.400        | 28.41            | -17.52      | 54.0           | -25.59          | AV       | 347.00         | 100         | Horizontal | Pass    |
| 2   | 4378.400        | 49.18            | -4.45       | 74.0           | -24.82          | Peak     | 308.00         | 400         | Horizontal | Pass    |
| 2** | 4378.400        | 39.59            | -4.45       | 54.0           | -14.41          | AV       | 308.00         | 400         | Horizontal | Pass    |
| 3   | 5746.400        | 96.15            | -2.43       | --             | --              | Peak     | 127.00         | 200         | Horizontal | N/A     |
| 3** | 5746.400        | 89.13            | -2.43       | --             | --              | AV       | 127.00         | 200         | Horizontal | N/A     |
| 4   | 7354.200        | 49.96            | -3.94       | 74.0           | -24.04          | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 4** | 7354.200        | 39.72            | -3.94       | 54.0           | -14.28          | AV       | 360.00         | 300         | Horizontal | Pass    |
| 5   | 10922.651       | 51.93            | 0.20        | 74.0           | -22.07          | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 5** | 10922.651       | 42.71            | 0.20        | 54.0           | -11.29          | AV       | 360.00         | 100         | Horizontal | Pass    |
| 6   | 15835.688       | 54.55            | 1.45        | 74.0           | -19.45          | Peak     | 18.00          | 200         | Horizontal | Pass    |
| 6** | 15835.688       | 45.20            | 1.45        | 54.0           | -8.80           | AV       | 18.00          | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1473.100        | 38.25            | -17.57      | 74.0           | -35.75          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 1** | 1473.100        | 28.82            | -17.57      | 54.0           | -25.18          | AV       | 0.00           | 150         | Vertical | Pass    |
| 2   | 4230.200        | 49.62            | -4.59       | 74.0           | -24.38          | Peak     | 360.00         | 100         | Vertical | Pass    |
| 2** | 4230.200        | 39.57            | -4.59       | 54.0           | -14.43          | AV       | 360.00         | 100         | Vertical | Pass    |
| 3   | 5747.200        | 93.20            | -2.31       | --             | --              | Peak     | 318.00         | 200         | Vertical | N/A     |
| 3** | 5747.200        | 85.34            | -2.31       | --             | --              | AV       | 318.00         | 200         | Vertical | N/A     |
| 4   | 7663.837        | 49.13            | -2.44       | 74.0           | -24.87          | Peak     | 104.00         | 100         | Vertical | Pass    |
| 4** | 7663.837        | 39.79            | -2.44       | 54.0           | -14.21          | AV       | 104.00         | 100         | Vertical | Pass    |
| 5   | 11325.438       | 52.11            | 0.50        | 74.0           | -21.89          | Peak     | 70.00          | 150         | Vertical | Pass    |
| 5** | 11325.438       | 42.88            | 0.50        | 54.0           | -11.12          | AV       | 70.00          | 150         | Vertical | Pass    |
| 6   | 15852.225       | 54.20            | 1.27        | 74.0           | -19.80          | Peak     | 360.00         | 300         | Vertical | Pass    |
| 6** | 15852.225       | 45.80            | 1.27        | 54.0           | -8.20           | AV       | 360.00         | 300         | 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   | 1565.600        | 38.44            | -17.55      | 74.0           | -35.56          | Peak     | 112.00         | 200         | Horizontal | Pass    |
| 1** | 1565.600        | 28.74            | -17.55      | 54.0           | -25.26          | AV       | 112.00         | 200         | Horizontal | Pass    |
| 2   | 4222.400        | 49.06            | -4.87       | 74.0           | -24.94          | Peak     | 351.00         | 200         | Horizontal | Pass    |
| 2** | 4222.400        | 40.24            | -4.87       | 54.0           | -13.76          | AV       | 351.00         | 200         | Horizontal | Pass    |
| 3   | 5787.600        | 95.03            | -2.46       | --             | --              | Peak     | 126.00         | 200         | Horizontal | N/A     |
| 3** | 5787.600        | 87.46            | -2.46       | --             | --              | AV       | 126.00         | 200         | Horizontal | N/A     |
| 4   | 7339.825        | 48.76            | -3.50       | 74.0           | -25.24          | Peak     | 209.00         | 100         | Horizontal | Pass    |
| 4** | 7339.825        | 40.75            | -3.50       | 54.0           | -13.25          | AV       | 209.00         | 100         | Horizontal | Pass    |
| 5   | 10920.063       | 52.37            | 0.24        | 74.0           | -21.63          | Peak     | 31.00          | 150         | Horizontal | Pass    |
| 5** | 10920.063       | 42.17            | 0.24        | 54.0           | -11.83          | AV       | 31.00          | 150         | Horizontal | Pass    |
| 6   | 16115.512       | 54.05            | 0.68        | 74.0           | -19.95          | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 6** | 16115.512       | 44.17            | 0.68        | 54.0           | -9.83           | AV       | 360.00         | 300         | 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   | 1528.700        | 38.26            | -17.48      | 74.0           | -35.74          | Peak     | 142.00         | 100         | Vertical | Pass    |
| 1** | 1528.700        | 28.97            | -17.48      | 54.0           | -25.03          | AV       | 142.00         | 100         | Vertical | Pass    |
| 2   | 4222.800        | 49.49            | -4.85       | 74.0           | -24.51          | Peak     | 330.00         | 100         | Vertical | Pass    |
| 2** | 4222.800        | 39.74            | -4.85       | 54.0           | -14.26          | AV       | 330.00         | 100         | Vertical | Pass    |
| 3   | 5784.000        | 91.66            | -2.30       | --             | --              | Peak     | 296.00         | 200         | Vertical | N/A     |
| 3** | 5784.000        | 84.28            | -2.30       | --             | --              | AV       | 296.00         | 200         | Vertical | N/A     |
| 4   | 7336.088        | 49.31            | -3.40       | 74.0           | -24.69          | Peak     | 67.00          | 100         | Vertical | Pass    |
| 4** | 7336.088        | 40.68            | -3.40       | 54.0           | -13.32          | AV       | 67.00          | 100         | Vertical | Pass    |
| 5   | 11715.287       | 52.16            | 0.76        | 74.0           | -21.84          | Peak     | 102.00         | 200         | Vertical | Pass    |
| 5** | 11715.287       | 42.11            | 0.76        | 54.0           | -11.89          | AV       | 102.00         | 200         | Vertical | Pass    |
| 6   | 15844.350       | 54.20            | 1.38        | 74.0           | -19.80          | Peak     | 262.00         | 300         | Vertical | Pass    |
| 6** | 15844.350       | 45.37            | 1.38        | 54.0           | -8.63           | AV       | 262.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1496.100        | 38.59            | -17.58      | 74.0           | -35.41          | Peak     | 59.00          | 400         | Horizontal | Pass    |
| 1** | 1496.100        | 30.20            | -17.58      | 54.0           | -23.80          | AV       | 59.00          | 400         | Horizontal | Pass    |
| 2   | 4233.200        | 49.04            | -4.52       | 74.0           | -24.96          | Peak     | 93.00          | 100         | Horizontal | Pass    |
| 2** | 4233.200        | 39.56            | -4.52       | 54.0           | -14.44          | AV       | 93.00          | 100         | Horizontal | Pass    |
| 3   | 5826.200        | 94.51            | -2.36       | --             | --              | Peak     | 126.00         | 100         | Horizontal | N/A     |
| 3** | 5826.200        | 87.85            | -2.36       | --             | --              | AV       | 126.00         | 100         | Horizontal | N/A     |
| 4   | 7350.175        | 49.40            | -3.87       | 74.0           | -24.60          | Peak     | 335.00         | 400         | Horizontal | Pass    |
| 4** | 7350.175        | 40.28            | -3.87       | 54.0           | -13.72          | AV       | 335.00         | 400         | Horizontal | Pass    |
| 5   | 12218.700       | 52.12            | 1.21        | 74.0           | -21.88          | Peak     | 52.00          | 150         | Horizontal | Pass    |
| 5** | 12218.700       | 42.99            | 1.21        | 54.0           | -11.01          | AV       | 52.00          | 150         | Horizontal | Pass    |
| 6   | 15839.362       | 54.33            | 1.45        | 74.0           | -19.67          | Peak     | 77.00          | 300         | Horizontal | Pass    |
| 6** | 15839.362       | 45.48            | 1.45        | 54.0           | -8.52           | AV       | 77.00          | 300         | 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   | 1566.900        | 38.25            | -17.53      | 74.0           | -35.75          | Peak     | 201.00         | 150         | Vertical | Pass    |
| 1** | 1566.900        | 29.00            | -17.53      | 54.0           | -25.00          | AV       | 201.00         | 150         | Vertical | Pass    |
| 2   | 4140.600        | 48.87            | -4.88       | 74.0           | -25.13          | Peak     | 181.00         | 150         | Vertical | Pass    |
| 2** | 4140.600        | 40.20            | -4.88       | 54.0           | -13.80          | AV       | 181.00         | 150         | Vertical | Pass    |
| 3   | 5824.200        | 91.29            | -2.40       | --             | --              | Peak     | 91.00          | 100         | Vertical | N/A     |
| 3** | 5824.200        | 84.54            | -2.40       | --             | --              | AV       | 91.00          | 100         | Vertical | N/A     |
| 4   | 7332.350        | 49.19            | -3.57       | 74.0           | -24.81          | Peak     | 173.00         | 100         | Vertical | Pass    |
| 4** | 7332.350        | 40.00            | -3.57       | 54.0           | -14.00          | AV       | 173.00         | 100         | Vertical | Pass    |
| 5   | 10922.362       | 52.39            | 0.20        | 74.0           | -21.61          | Peak     | 210.00         | 150         | Vertical | Pass    |
| 5** | 10922.362       | 43.28            | 0.20        | 54.0           | -10.72          | AV       | 210.00         | 150         | Vertical | Pass    |
| 6   | 15855.112       | 54.35            | 1.19        | 74.0           | -19.65          | Peak     | 101.00         | 150         | Vertical | Pass    |
| 6** | 15855.112       | 44.79            | 1.19        | 54.0           | -9.21           | AV       | 101.00         | 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   | 1542.700        | 39.18            | -17.57      | 74.0           | -34.82          | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 1** | 1542.700        | 29.93            | -17.57      | 54.0           | -24.07          | AV       | 360.00         | 400         | Horizontal | Pass    |
| 2   | 4234.200        | 49.30            | -4.58       | 74.0           | -24.70          | Peak     | 71.00          | 100         | Horizontal | Pass    |
| 2** | 4234.200        | 40.51            | -4.58       | 54.0           | -13.49          | AV       | 71.00          | 100         | Horizontal | Pass    |
| 3   | 5753.200        | 94.20            | -2.14       | --             | --              | Peak     | 128.00         | 200         | Horizontal | N/A     |
| 3** | 5753.200        | 86.77            | -2.14       | --             | --              | AV       | 128.00         | 200         | Horizontal | N/A     |
| 4   | 7375.187        | 48.87            | -3.74       | 74.0           | -25.13          | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 4** | 7375.187        | 39.98            | -3.74       | 54.0           | -14.02          | AV       | 360.00         | 100         | Horizontal | Pass    |
| 5   | 11973.463       | 51.56            | 0.81        | 74.0           | -22.44          | Peak     | 226.00         | 100         | Horizontal | Pass    |
| 5** | 11973.463       | 42.24            | 0.81        | 54.0           | -11.76          | AV       | 226.00         | 100         | Horizontal | Pass    |
| 6   | 15869.813       | 55.05            | 0.62        | 74.0           | -18.95          | Peak     | 242.00         | 300         | Horizontal | Pass    |
| 6** | 15869.813       | 44.33            | 0.62        | 54.0           | -9.67           | AV       | 242.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1459.300        | 38.26            | -17.48      | 74.0           | -35.74          | Peak     | 178.00         | 300         | Vertical | Pass    |
| 1** | 1459.300        | 29.01            | -17.48      | 54.0           | -24.99          | AV       | 178.00         | 300         | Vertical | Pass    |
| 2   | 4362.200        | 48.93            | -3.80       | 74.0           | -25.07          | Peak     | 328.00         | 200         | Vertical | Pass    |
| 2** | 4362.200        | 40.81            | -3.80       | 54.0           | -13.19          | AV       | 328.00         | 200         | Vertical | Pass    |
| 3   | 5756.800        | 90.47            | -2.03       | --             | --              | Peak     | 316.00         | 200         | Vertical | N/A     |
| 3** | 5756.800        | 82.70            | -2.03       | --             | --              | AV       | 316.00         | 200         | Vertical | N/A     |
| 4   | 7616.400        | 50.28            | -2.88       | 74.0           | -23.72          | Peak     | 177.00         | 100         | Vertical | Pass    |
| 4** | 7616.400        | 39.81            | -2.88       | 54.0           | -14.19          | AV       | 177.00         | 100         | Vertical | Pass    |
| 5   | 12234.800       | 51.87            | 1.16        | 74.0           | -22.13          | Peak     | 54.00          | 100         | Vertical | Pass    |
| 5** | 12234.800       | 43.01            | 1.16        | 54.0           | -10.99          | AV       | 54.00          | 100         | Vertical | Pass    |
| 6   | 15841.724       | 54.50            | 1.42        | 74.0           | -19.50          | Peak     | 219.00         | 100         | Vertical | Pass    |
| 6** | 15841.724       | 45.39            | 1.42        | 54.0           | -8.61           | AV       | 219.00         | 100         | 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   | 1582.400        | 38.27            | -17.55      | 74.0           | -35.73          | Peak     | 342.00         | 200         | Horizontal | Pass    |
| 1** | 1582.400        | 28.90            | -17.55      | 54.0           | -25.10          | AV       | 342.00         | 200         | Horizontal | Pass    |
| 2   | 4371.800        | 49.12            | -4.39       | 74.0           | -24.88          | Peak     | 183.00         | 300         | Horizontal | Pass    |
| 2** | 4371.800        | 40.28            | -4.39       | 54.0           | -13.72          | AV       | 183.00         | 300         | Horizontal | Pass    |
| 3   | 5797.600        | 93.17            | -2.72       | --             | --              | Peak     | 116.00         | 200         | Horizontal | N/A     |
| 3** | 5797.600        | 85.87            | -2.72       | --             | --              | AV       | 116.00         | 200         | Horizontal | N/A     |
| 4   | 7390.425        | 49.23            | -4.03       | 74.0           | -24.77          | Peak     | 200.00         | 200         | Horizontal | Pass    |
| 4** | 7390.425        | 40.34            | -4.03       | 54.0           | -13.66          | AV       | 200.00         | 200         | Horizontal | Pass    |
| 5   | 11699.474       | 52.53            | 0.32        | 74.0           | -21.47          | Peak     | 286.00         | 150         | Horizontal | Pass    |
| 5** | 11699.474       | 42.04            | 0.32        | 54.0           | -11.96          | AV       | 286.00         | 150         | Horizontal | Pass    |
| 6   | 15637.500       | 54.09            | 1.45        | 74.0           | -19.91          | Peak     | 311.00         | 200         | Horizontal | Pass    |
| 6** | 15637.500       | 44.40            | 1.45        | 54.0           | -9.60           | AV       | 311.00         | 200         | 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   | 1483.500        | 38.74            | -17.49      | 74.0           | -35.26          | Peak     | 112.00         | 400         | Vertical | Pass    |
| 1** | 1483.500        | 28.95            | -17.49      | 54.0           | -25.05          | AV       | 112.00         | 400         | Vertical | Pass    |
| 2   | 4263.200        | 49.30            | -4.66       | 74.0           | -24.70          | Peak     | 294.00         | 100         | Vertical | Pass    |
| 2** | 4263.200        | 40.34            | -4.66       | 54.0           | -13.66          | AV       | 294.00         | 100         | Vertical | Pass    |
| 3   | 5790.200        | 89.36            | -2.55       | --             | --              | Peak     | 294.00         | 150         | Vertical | N/A     |
| 3** | 5790.200        | 81.84            | -2.55       | --             | --              | AV       | 294.00         | 150         | Vertical | N/A     |
| 4   | 7383.813        | 48.79            | -3.85       | 74.0           | -25.21          | Peak     | 334.00         | 300         | Vertical | Pass    |
| 4** | 7383.813        | 40.11            | -3.85       | 54.0           | -13.89          | AV       | 334.00         | 300         | Vertical | Pass    |
| 5   | 12237.100       | 52.70            | 1.12        | 74.0           | -21.30          | Peak     | 153.00         | 200         | Vertical | Pass    |
| 5** | 12237.100       | 43.27            | 1.12        | 54.0           | -10.73          | AV       | 153.00         | 200         | Vertical | Pass    |
| 6   | 15844.088       | 55.19            | 1.38        | 74.0           | -18.81          | Peak     | 337.00         | 100         | Vertical | Pass    |
| 6** | 15844.088       | 44.93            | 1.38        | 54.0           | -9.07           | AV       | 337.00         | 100         | 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   | 1544.800        | 38.55            | -17.50      | 74.0           | -35.45          | Peak     | 311.00         | 100         | Horizontal | Pass    |
| 1** | 1544.800        | 29.19            | -17.50      | 54.0           | -24.81          | AV       | 311.00         | 100         | Horizontal | Pass    |
| 2   | 3838.400        | 49.28            | -4.76       | 74.0           | -24.72          | Peak     | 136.00         | 300         | Horizontal | Pass    |
| 2** | 3838.400        | 39.02            | -4.76       | 54.0           | -14.98          | AV       | 136.00         | 300         | Horizontal | Pass    |
| 3   | 5761.800        | 90.24            | -1.88       | --             | --              | Peak     | 125.00         | 100         | Horizontal | N/A     |
| 3** | 5761.800        | 82.91            | -1.88       | --             | --              | AV       | 125.00         | 100         | Horizontal | N/A     |
| 4   | 7681.087        | 49.05            | -2.64       | 74.0           | -24.95          | Peak     | 354.00         | 200         | Horizontal | Pass    |
| 4** | 7681.087        | 40.08            | -2.64       | 54.0           | -13.92          | AV       | 354.00         | 200         | Horizontal | Pass    |
| 5   | 11553.713       | 53.00            | -0.43       | 74.0           | -21.00          | Peak     | 354.00         | 150         | Horizontal | Pass    |
| 5** | 11553.713       | 42.19            | -0.43       | 54.0           | -11.81          | AV       | 354.00         | 150         | Horizontal | Pass    |
| 6   | 15848.549       | 55.34            | 1.34        | 74.0           | -18.66          | Peak     | 76.00          | 300         | Horizontal | Pass    |
| 6** | 15848.549       | 45.45            | 1.34        | 54.0           | -8.55           | AV       | 76.00          | 300         | 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   | 1542.000        | 38.93            | -17.55      | 74.0           | -35.07          | Peak     | 17.00          | 400         | Vertical | Pass    |
| 1** | 1542.000        | 29.60            | -17.55      | 54.0           | -24.40          | AV       | 17.00          | 400         | Vertical | Pass    |
| 2   | 4221.600        | 48.68            | -4.91       | 74.0           | -25.32          | Peak     | 129.00         | 200         | Vertical | Pass    |
| 2** | 4221.600        | 40.48            | -4.91       | 54.0           | -13.52          | AV       | 129.00         | 200         | Vertical | Pass    |
| 3   | 5761.400        | 86.24            | -1.89       | --             | --              | Peak     | 319.00         | 150         | Vertical | N/A     |
| 3** | 5761.400        | 79.10            | -1.89       | --             | --              | AV       | 319.00         | 150         | Vertical | N/A     |
| 4   | 7374.612        | 48.93            | -3.75       | 74.0           | -25.07          | Peak     | 191.00         | 200         | Vertical | Pass    |
| 4** | 7374.612        | 40.22            | -3.75       | 54.0           | -13.78          | AV       | 191.00         | 200         | Vertical | Pass    |
| 5   | 12224.737       | 52.31            | 1.30        | 74.0           | -21.69          | Peak     | 14.00          | 100         | Vertical | Pass    |
| 5** | 12224.737       | 43.61            | 1.30        | 54.0           | -10.39          | AV       | 14.00          | 100         | Vertical | Pass    |
| 6   | 15833.850       | 54.06            | 1.46        | 74.0           | -19.94          | Peak     | 281.00         | 300         | Vertical | Pass    |
| 6** | 15833.850       | 44.15            | 1.46        | 54.0           | -9.85           | AV       | 281.00         | 300         | Vertical | Pass    |

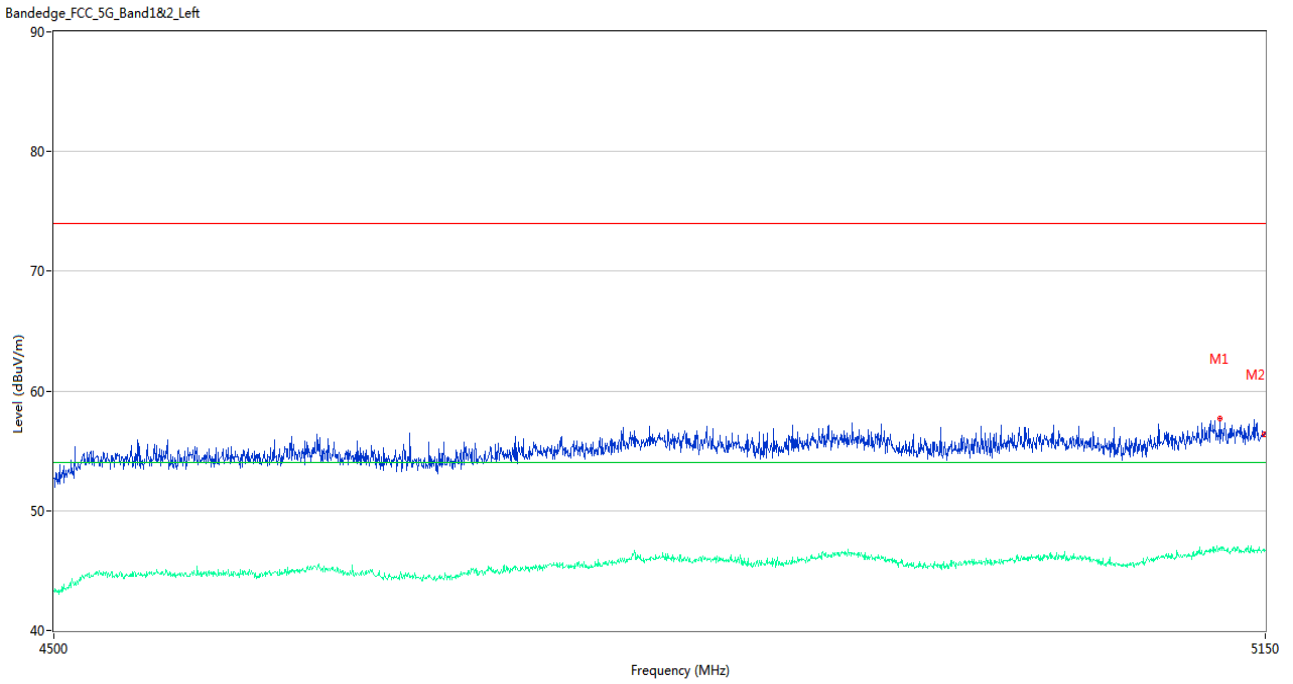
## A.6.2 Band Edge (Restricted-band)

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

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

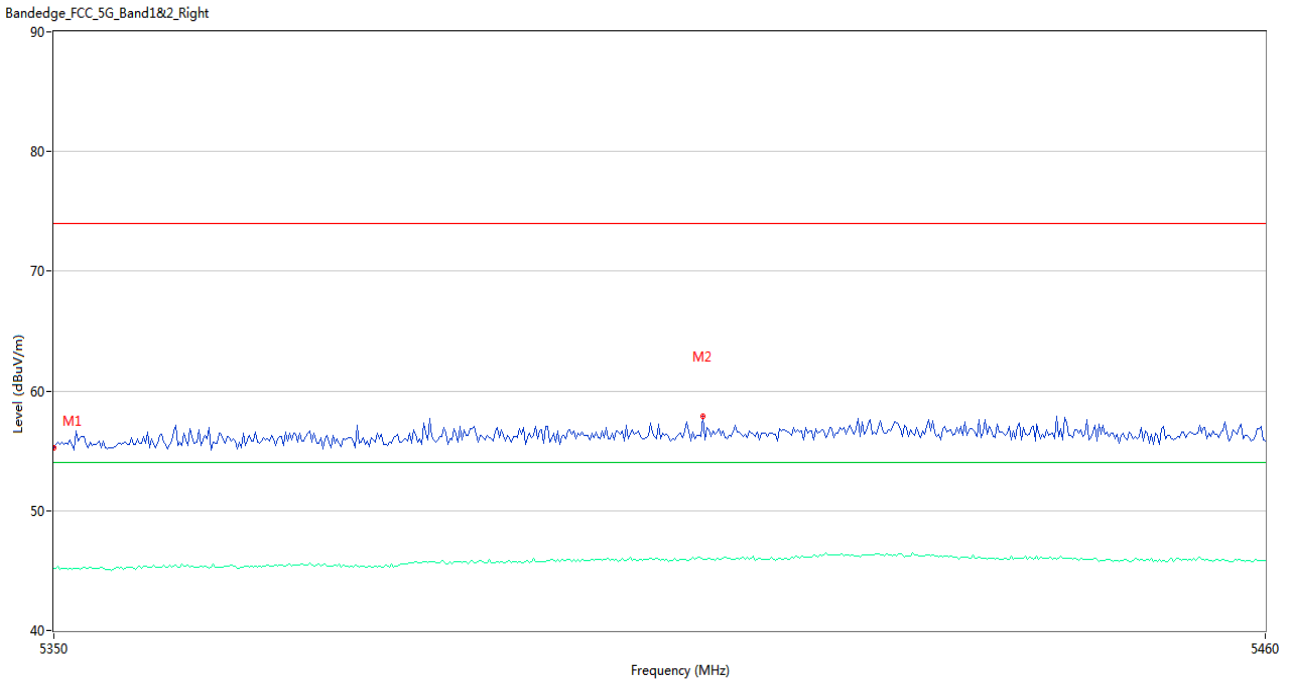
Test Data and Plots

U-NII-1 11a CH36



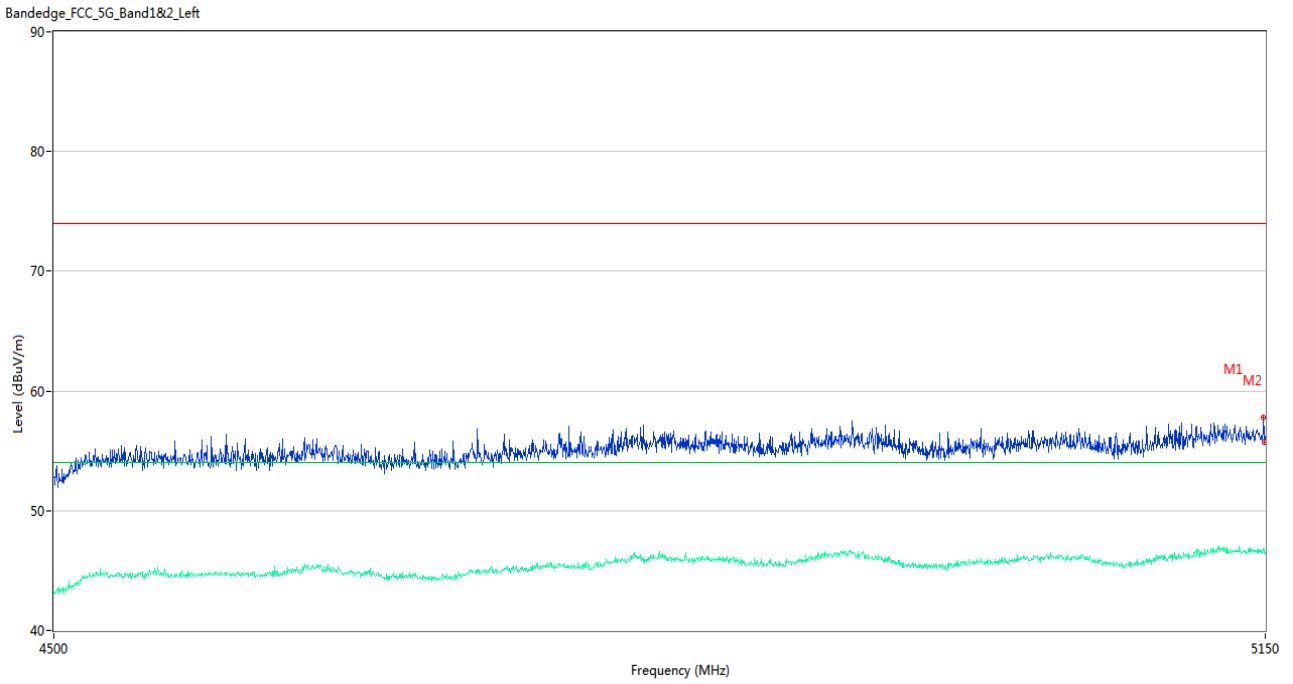
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5124.325        | 57.72            | 3.83        | 74.0           | -16.28          | Peak     | 295.00         | 100         | Horizontal | Pass    |
| 1** | 5124.325        | 46.69            | 3.83        | 54.0           | -7.31           | AV       | 295.00         | 100         | Horizontal | Pass    |
| 2   | 5149.675        | 56.34            | 3.26        | 74.0           | -17.66          | Peak     | 24.00          | 200         | Horizontal | Pass    |
| 2** | 5149.675        | 46.73            | 3.26        | 54.0           | -7.27           | AV       | 24.00          | 200         | Horizontal | Pass    |

U-NII-1 11a CH48



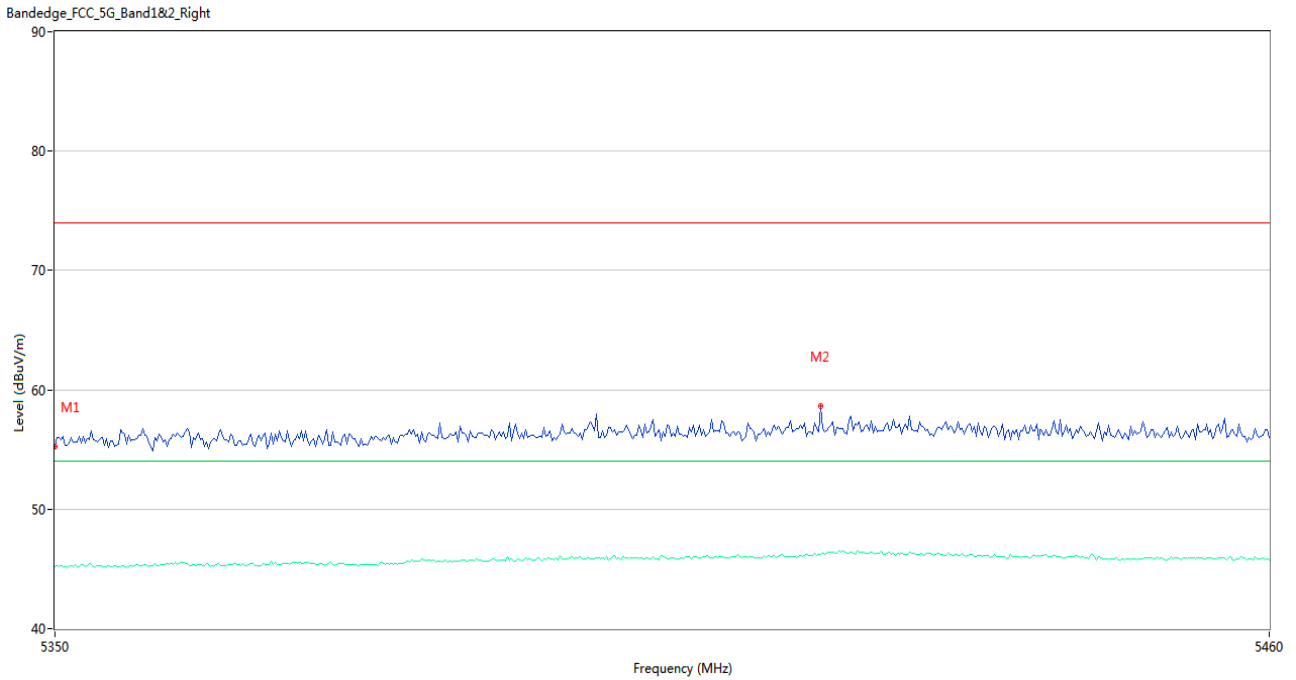
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.22            | 2.98        | 74.0           | -18.78          | Peak     | 214.00         | 150         | Horizontal | Pass    |
| 1** | 5350.000        | 45.20            | 2.98        | 54.0           | -8.80           | AV       | 214.00         | 150         | Horizontal | Pass    |
| 2   | 5408.667        | 57.87            | 3.35        | 74.0           | -16.13          | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 2** | 5408.667        | 45.93            | 3.35        | 54.0           | -8.07           | AV       | 360.00         | 100         | 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   | 5149.025        | 57.83            | 3.34        | 74.0           | -16.17          | Peak     | 99.00          | 100         | Horizontal | Pass    |
| 1** | 5149.025        | 46.91            | 3.34        | 54.0           | -7.09           | AV       | 99.00          | 100         | Horizontal | Pass    |
| 2   | 5149.675        | 55.75            | 3.26        | 74.0           | -18.25          | Peak     | 19.00          | 200         | Horizontal | Pass    |
| 2** | 5149.675        | 46.77            | 3.26        | 54.0           | -7.23           | AV       | 19.00          | 200         | Horizontal | Pass    |

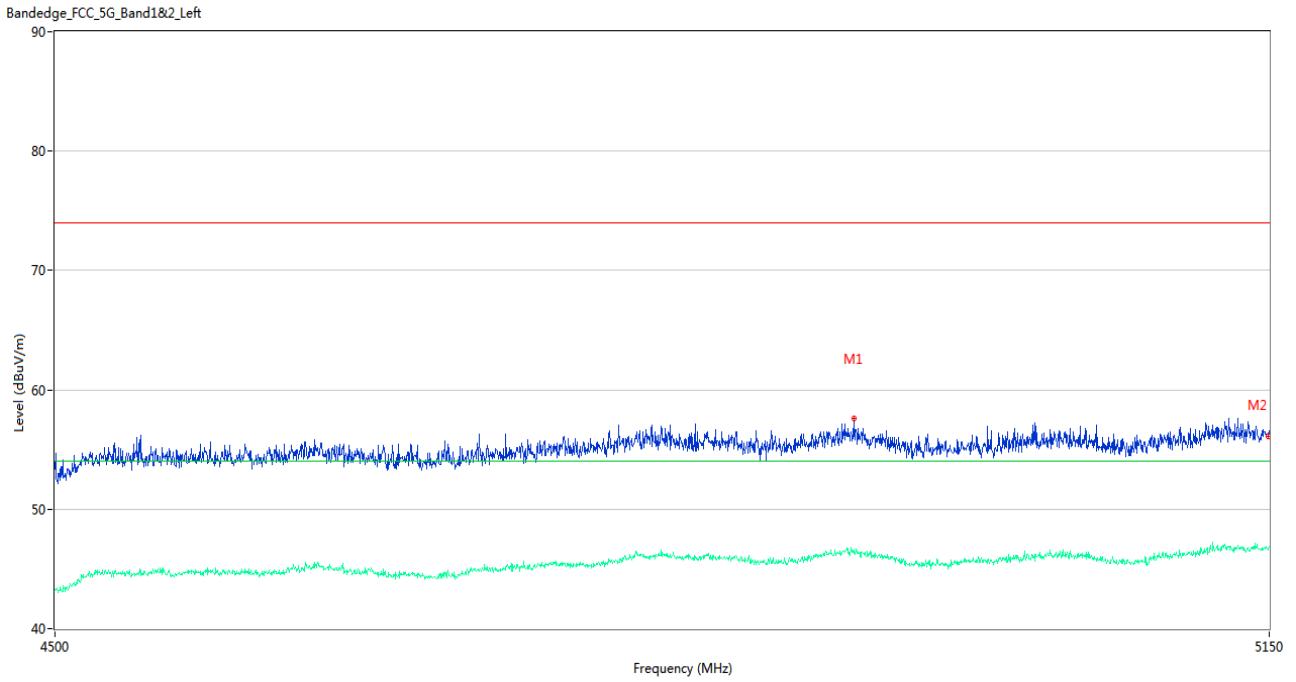
U-NII-1 11n20 CH48



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.23            | 2.98        | 74.0           | -18.77          | Peak     | 185.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 45.22            | 2.98        | 54.0           | -8.78           | AV       | 185.00         | 100         | Horizontal | Pass    |
| 2   | 5419.117        | 58.60            | 3.26        | 74.0           | -15.40          | Peak     | 233.00         | 100         | Horizontal | Pass    |
| 2** | 5419.117        | 46.25            | 3.26        | 54.0           | -7.75           | AV       | 233.00         | 100         | Horizontal | Pass    |

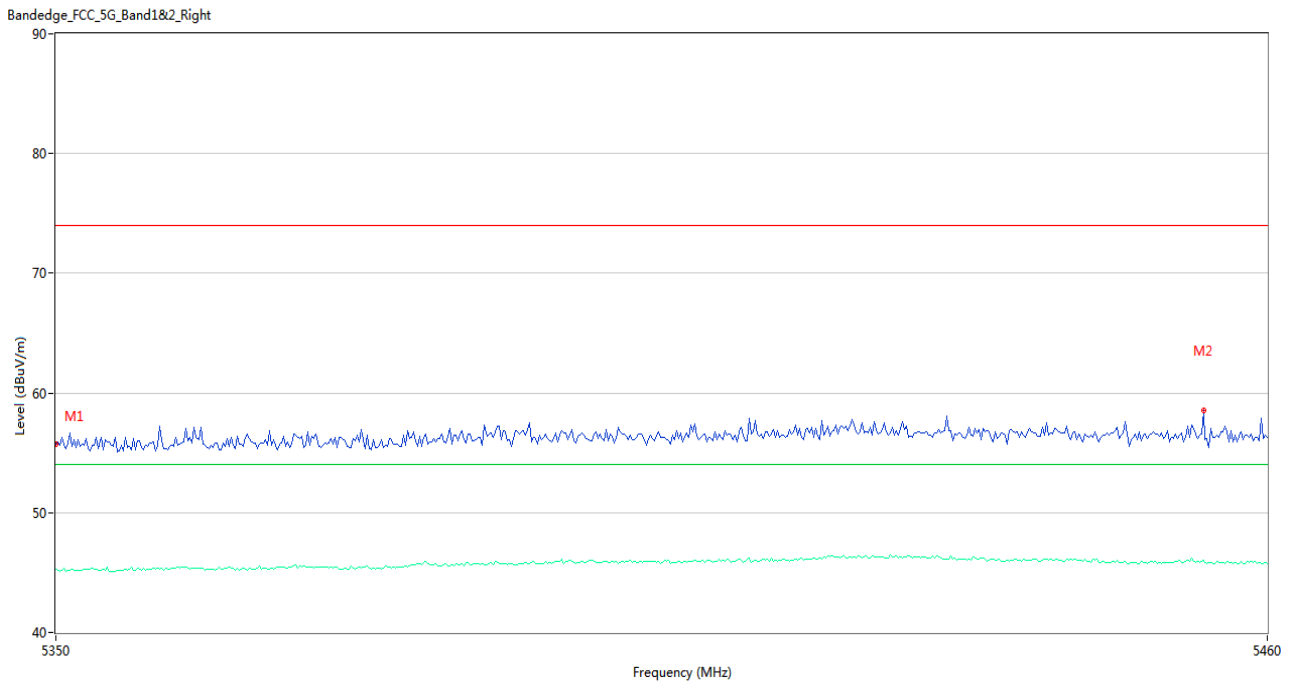


U-NII-1 11n40 CH38



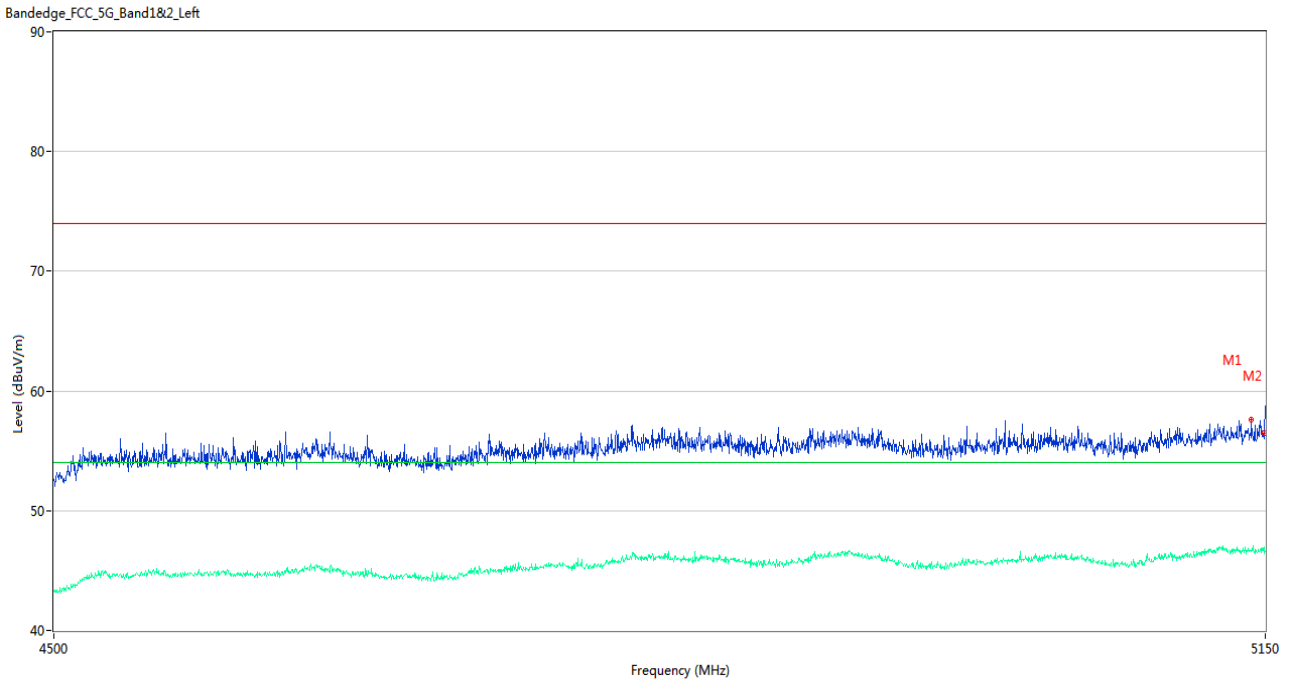
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 4917.625        | 57.65            | 3.74        | 74.0           | -16.35          | Peak     | 344.00         | 150         | Horizontal | Pass    |
| 1** | 4917.625        | 46.55            | 3.74        | 54.0           | -7.45           | AV       | 344.00         | 150         | Horizontal | Pass    |
| 2   | 5149.675        | 56.08            | 3.26        | 74.0           | -17.92          | Peak     | 37.00          | 100         | Horizontal | Pass    |
| 2** | 5149.675        | 46.67            | 3.26        | 54.0           | -7.33           | AV       | 37.00          | 100         | Horizontal | Pass    |

U-NII-1 11n40 CH46



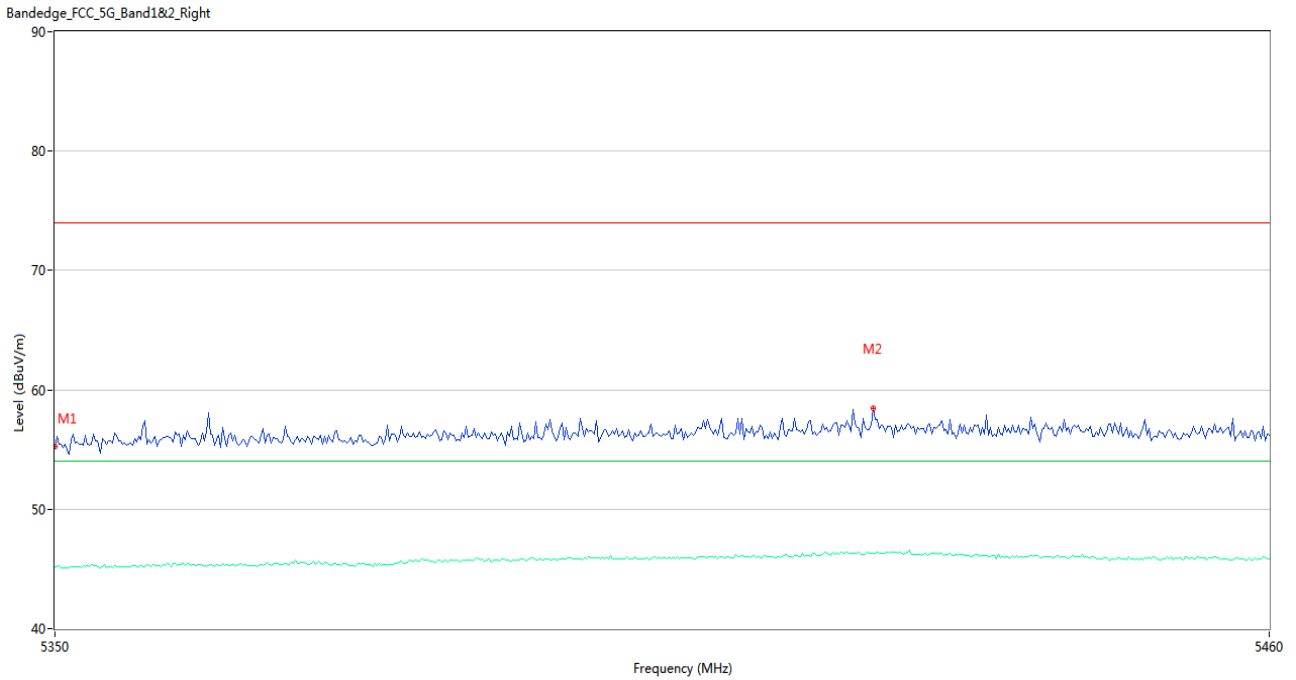
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.70            | 2.98        | 74.0           | -18.30          | Peak     | 225.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 45.31            | 2.98        | 54.0           | -8.69           | AV       | 225.00         | 100         | Horizontal | Pass    |
| 2   | 5454.133        | 58.53            | 3.84        | 74.0           | -15.47          | Peak     | 195.00         | 200         | Horizontal | Pass    |
| 2** | 5454.133        | 46.03            | 3.84        | 54.0           | -7.97           | AV       | 195.00         | 200         | Horizontal | Pass    |

U-NII-1 11ac20 CH36



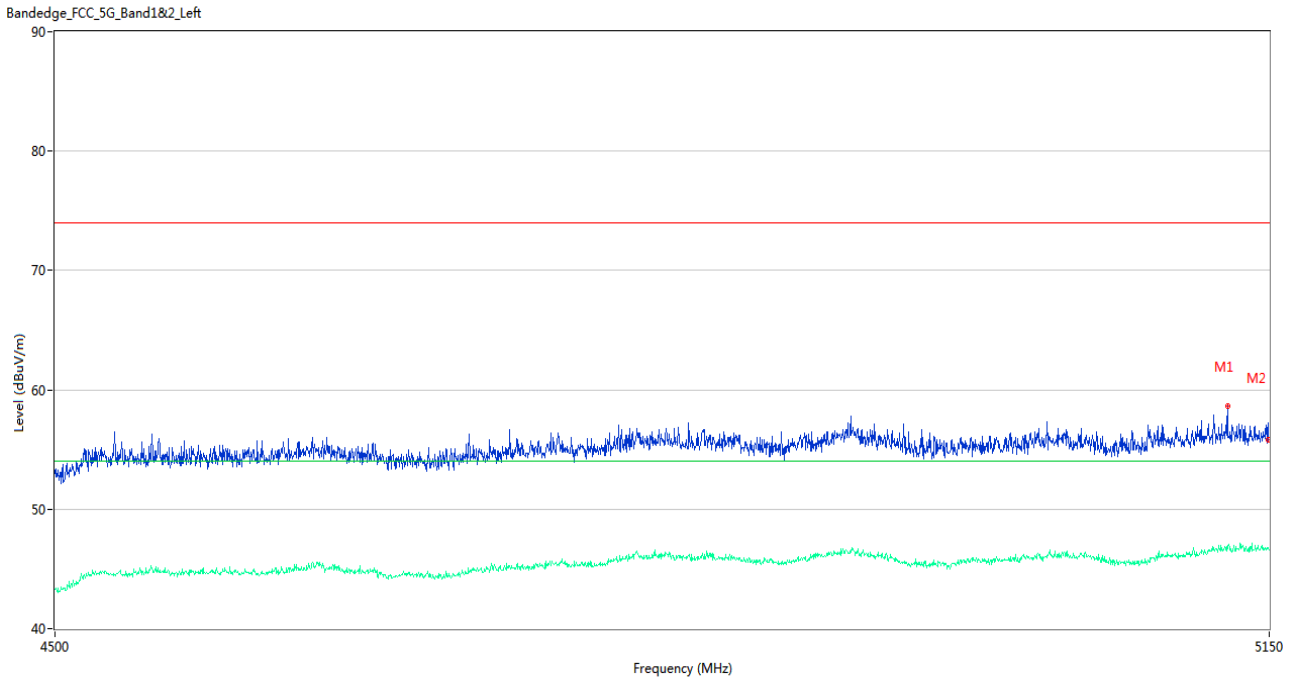
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5142.200        | 57.63            | 3.51        | 74.0           | -16.37          | Peak     | 288.00         | 100         | Horizontal | Pass    |
| 1** | 5142.200        | 46.73            | 3.51        | 54.0           | -7.27           | AV       | 288.00         | 100         | Horizontal | Pass    |
| 2   | 5149.675        | 56.49            | 3.26        | 74.0           | -17.51          | Peak     | 331.00         | 150         | Horizontal | Pass    |
| 2** | 5149.675        | 46.40            | 3.26        | 54.0           | -7.60           | AV       | 331.00         | 150         | Horizontal | Pass    |

U-NII-1 11ac20 CH48



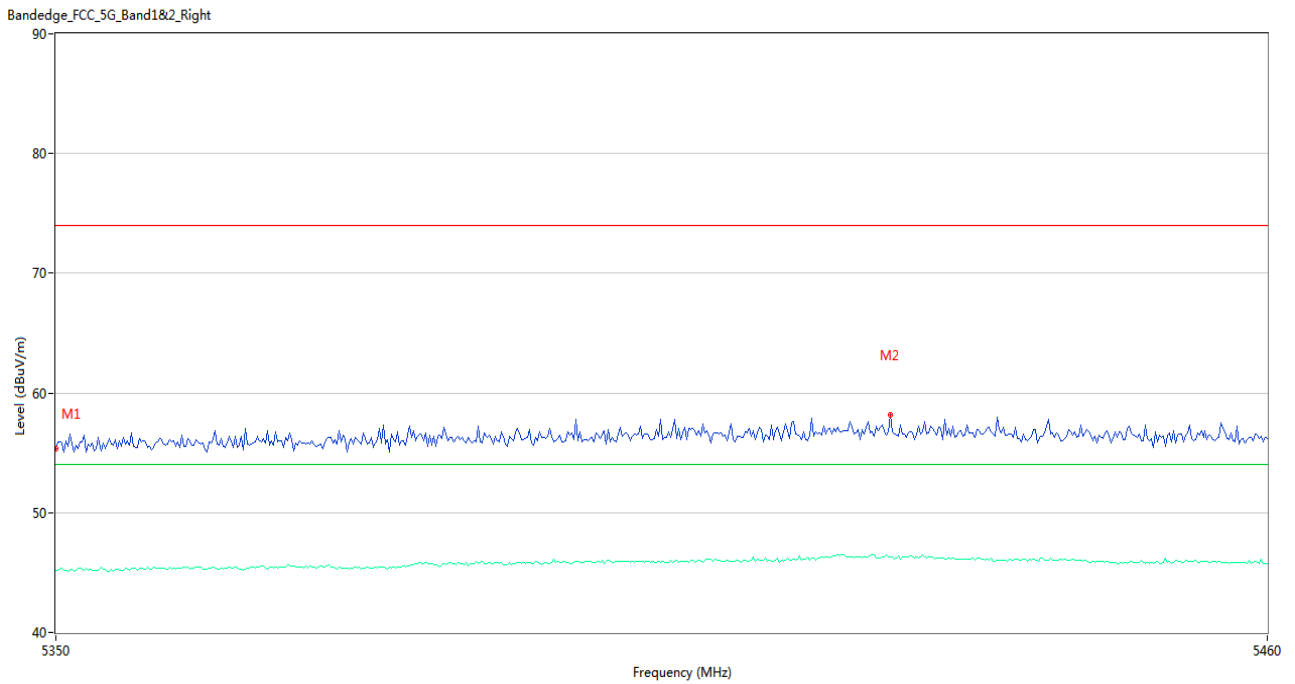
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.27            | 2.98        | 74.0           | -18.73          | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 45.20            | 2.98        | 54.0           | -8.80           | AV       | 0.00           | 200         | Horizontal | Pass    |
| 2   | 5423.883        | 58.43            | 3.28        | 74.0           | -15.57          | Peak     | 168.00         | 200         | Horizontal | Pass    |
| 2** | 5423.883        | 46.34            | 3.28        | 54.0           | -7.66           | AV       | 168.00         | 200         | Horizontal | Pass    |

U-NII-1 11ac40 CH38



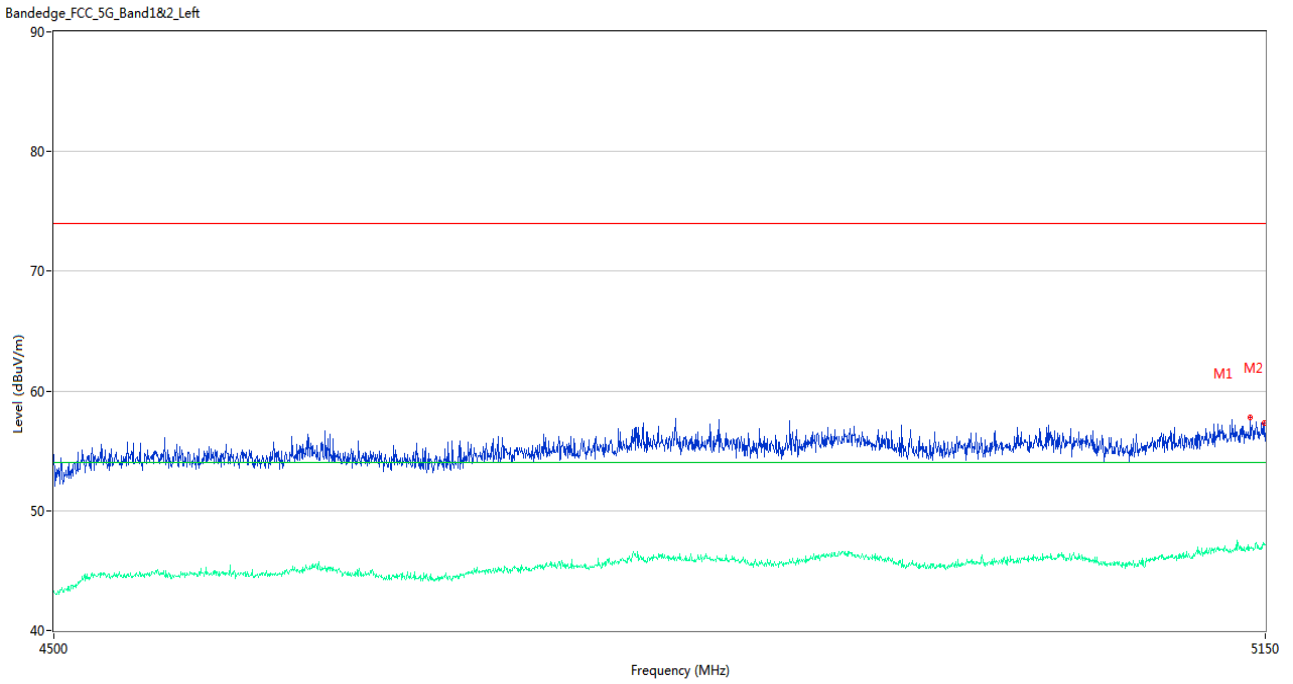
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5126.275        | 58.60            | 3.80        | 74.0           | -15.40          | Peak     | 277.00         | 200         | Horizontal | Pass    |
| 1** | 5126.275        | 46.67            | 3.80        | 54.0           | -7.33           | AV       | 277.00         | 200         | Horizontal | Pass    |
| 2   | 5149.675        | 55.81            | 3.26        | 74.0           | -18.19          | Peak     | 138.00         | 100         | Horizontal | Pass    |
| 2** | 5149.675        | 46.79            | 3.26        | 54.0           | -7.21           | AV       | 138.00         | 100         | Horizontal | Pass    |

U-NII-1 11ac40 CH46



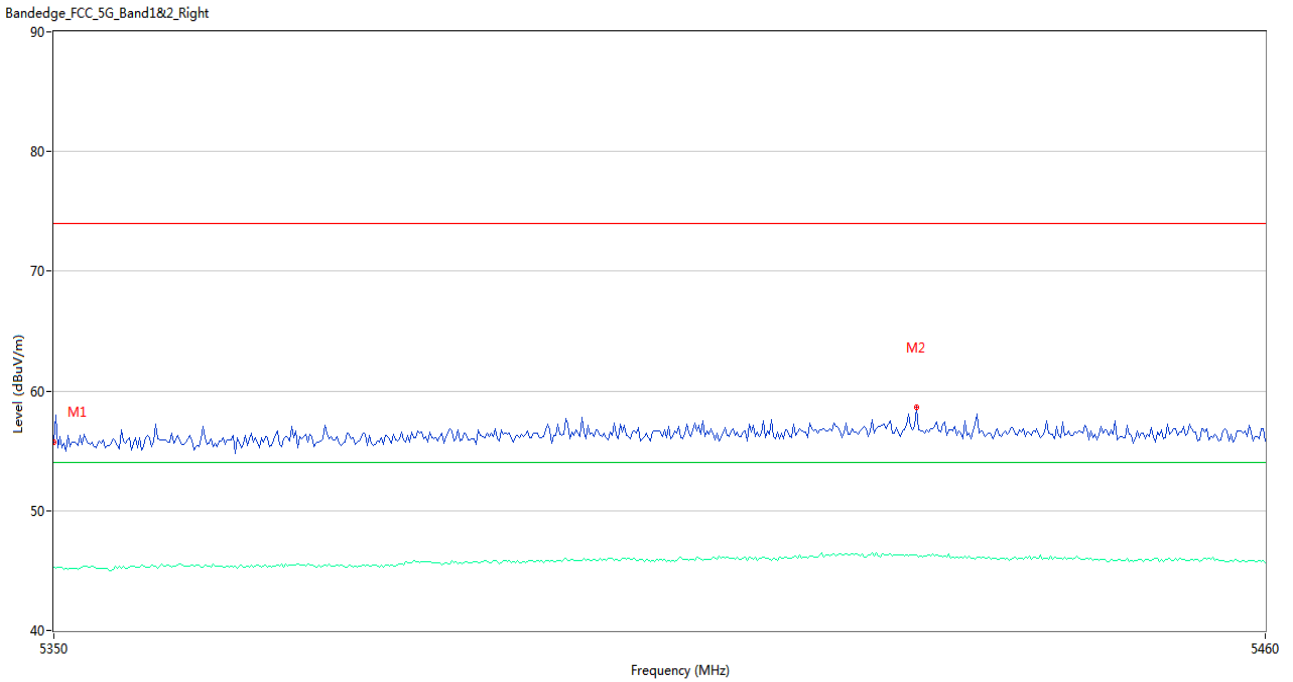
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.36            | 2.98        | 74.0           | -18.64          | Peak     | 344.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 45.20            | 2.98        | 54.0           | -8.80           | AV       | 344.00         | 100         | Horizontal | Pass    |
| 2   | 5425.533        | 58.20            | 3.30        | 74.0           | -15.80          | Peak     | 245.00         | 100         | Horizontal | Pass    |
| 2** | 5425.533        | 46.33            | 3.30        | 54.0           | -7.67           | AV       | 245.00         | 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   | 5141.550        | 57.75            | 3.54        | 74.0           | -16.25          | Peak     | 133.00         | 100         | Horizontal | Pass    |
| 1** | 5141.550        | 46.85            | 3.54        | 54.0           | -7.15           | AV       | 133.00         | 100         | Horizontal | Pass    |
| 2   | 5149.675        | 57.29            | 3.26        | 74.0           | -16.71          | Peak     | 251.00         | 150         | Horizontal | Pass    |
| 2** | 5149.675        | 47.19            | 3.26        | 54.0           | -6.81           | AV       | 251.00         | 150         | Horizontal | Pass    |

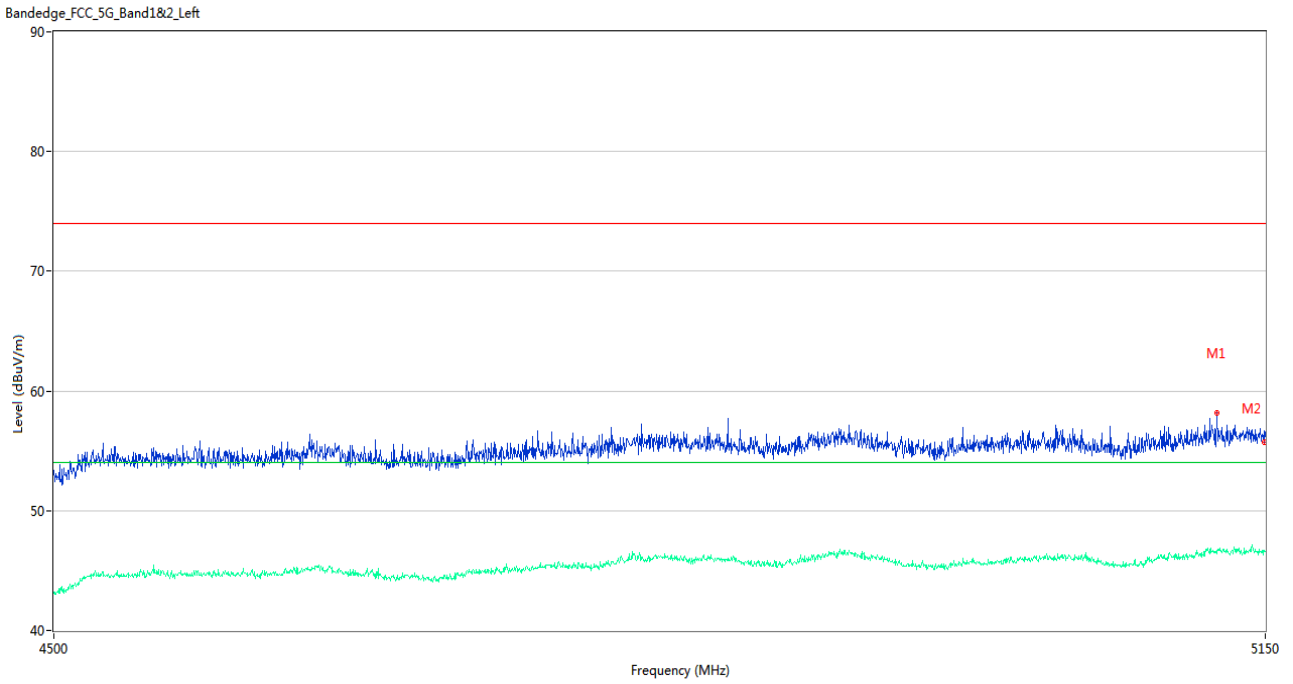
U-NII-1 11ac80 CH42



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.74            | 2.98        | 74.0           | -18.26          | Peak     | 273.00         | 150         | Horizontal | Pass    |
| 1** | 5350.000        | 45.28            | 2.98        | 54.0           | -8.72           | AV       | 273.00         | 150         | Horizontal | Pass    |
| 2   | 5428.100        | 58.64            | 3.33        | 74.0           | -15.36          | Peak     | 285.00         | 100         | Horizontal | Pass    |
| 2** | 5428.100        | 46.35            | 3.33        | 54.0           | -7.65           | AV       | 285.00         | 100         | Horizontal | Pass    |

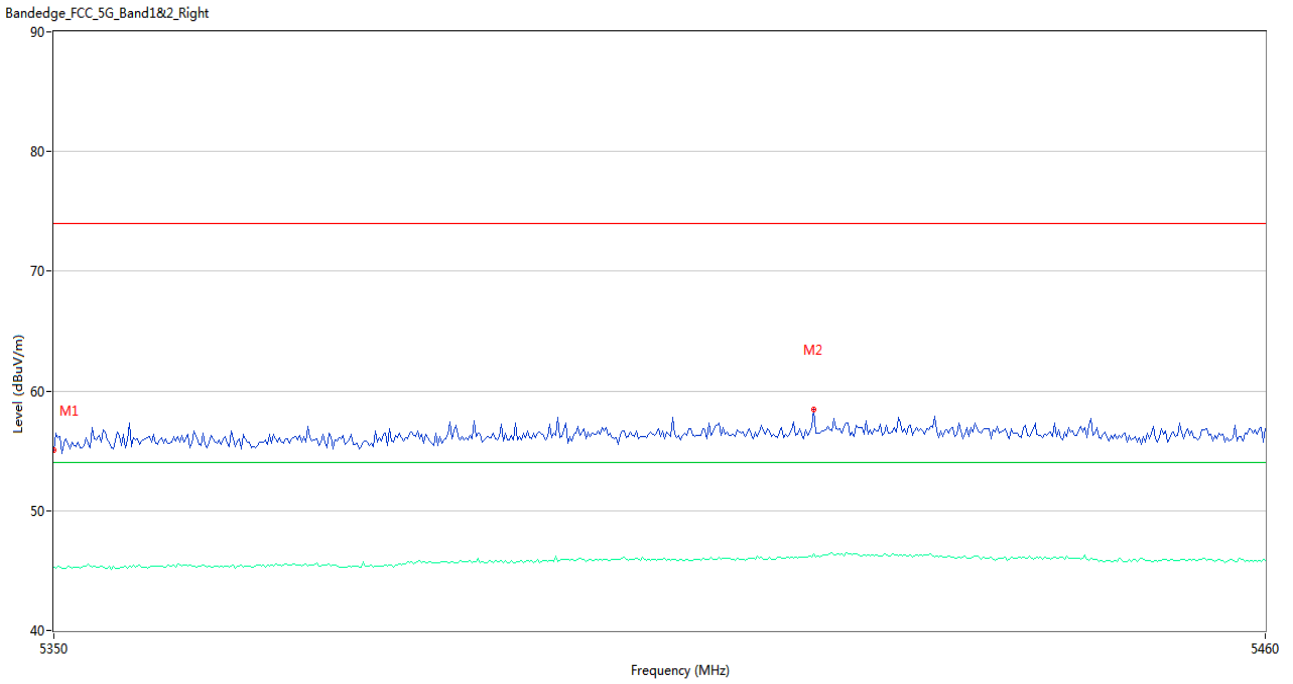


U-NII-2A 11a CH52



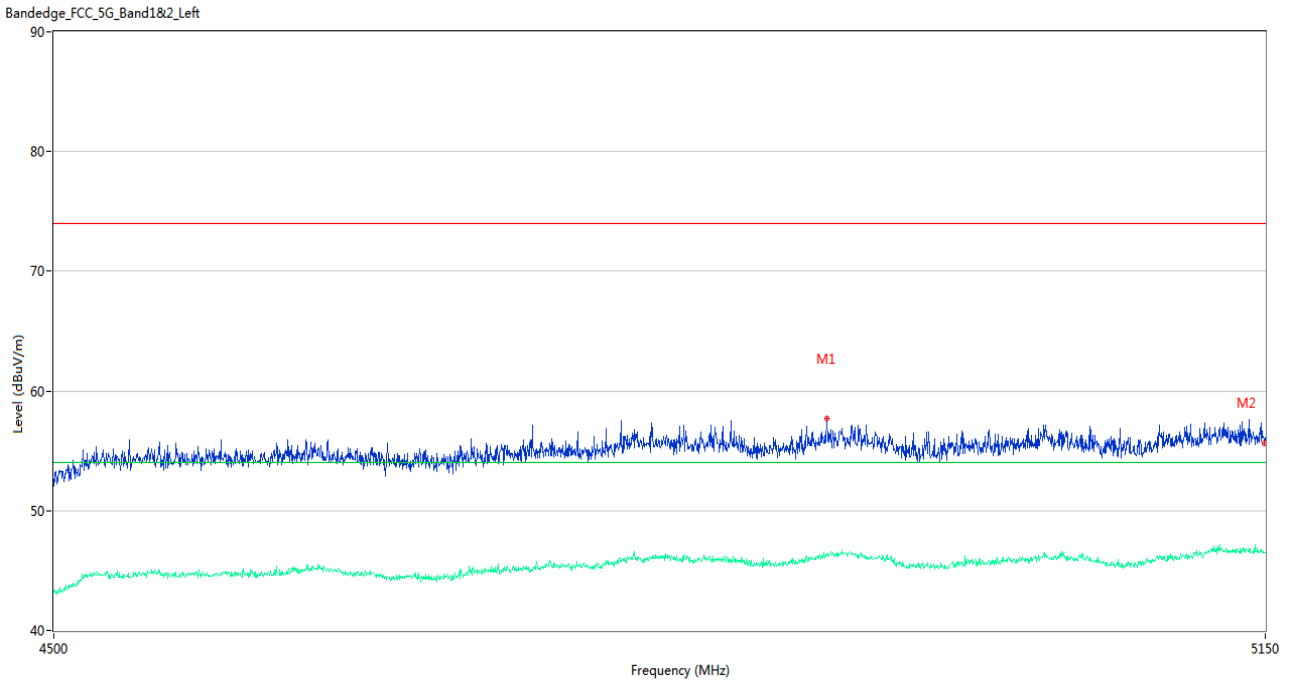
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5122.050        | 58.17            | 3.76        | 74.0           | -15.83          | Peak     | 241.00         | 100         | Horizontal | Pass    |
| 1** | 5122.050        | 46.36            | 3.76        | 54.0           | -7.64           | AV       | 241.00         | 100         | Horizontal | Pass    |
| 2   | 5149.675        | 55.75            | 3.26        | 74.0           | -18.25          | Peak     | 101.00         | 150         | Horizontal | Pass    |
| 2** | 5149.675        | 46.70            | 3.26        | 54.0           | -7.30           | AV       | 101.00         | 150         | Horizontal | Pass    |

U-NII-2A 11a CH64



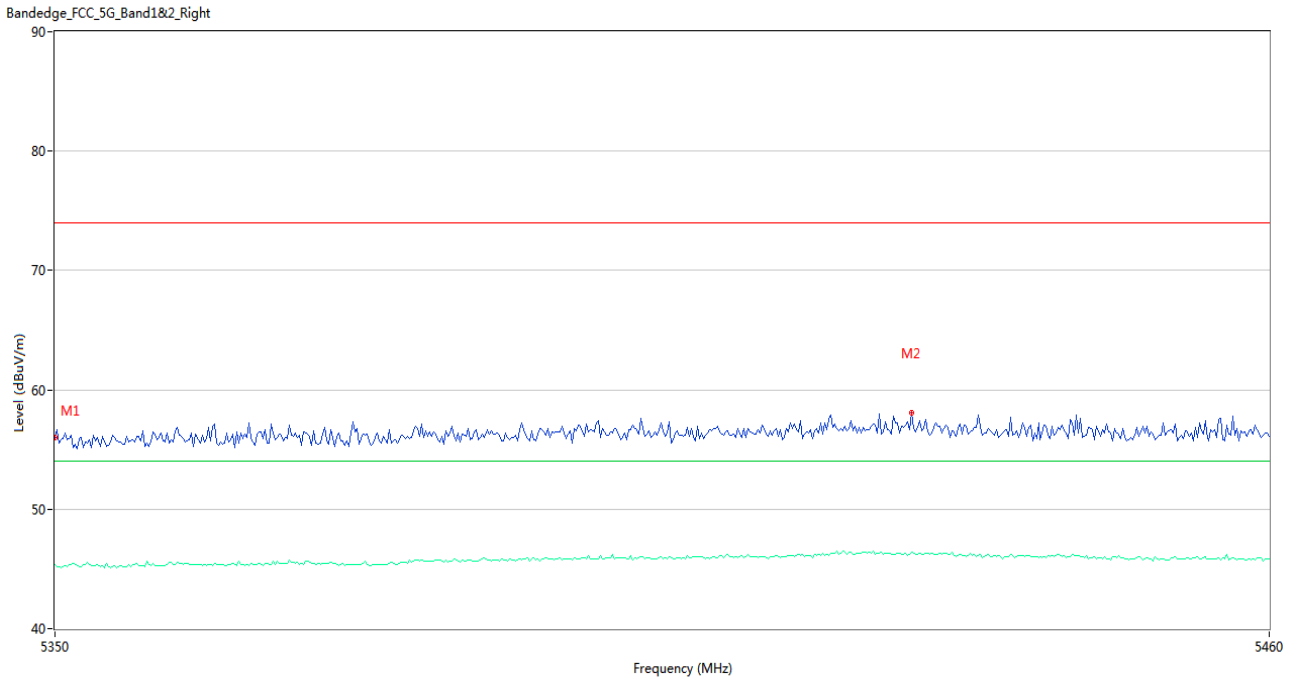
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.02            | 2.98        | 74.0           | -18.98          | Peak     | 234.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 45.29            | 2.98        | 54.0           | -8.71           | AV       | 234.00         | 100         | Horizontal | Pass    |
| 2   | 5418.750        | 58.46            | 3.24        | 74.0           | -15.54          | Peak     | 341.00         | 150         | Horizontal | Pass    |
| 2** | 5418.750        | 46.37            | 3.24        | 54.0           | -7.63           | AV       | 341.00         | 150         | Horizontal | Pass    |

U-NII-2A 11n20 CH52



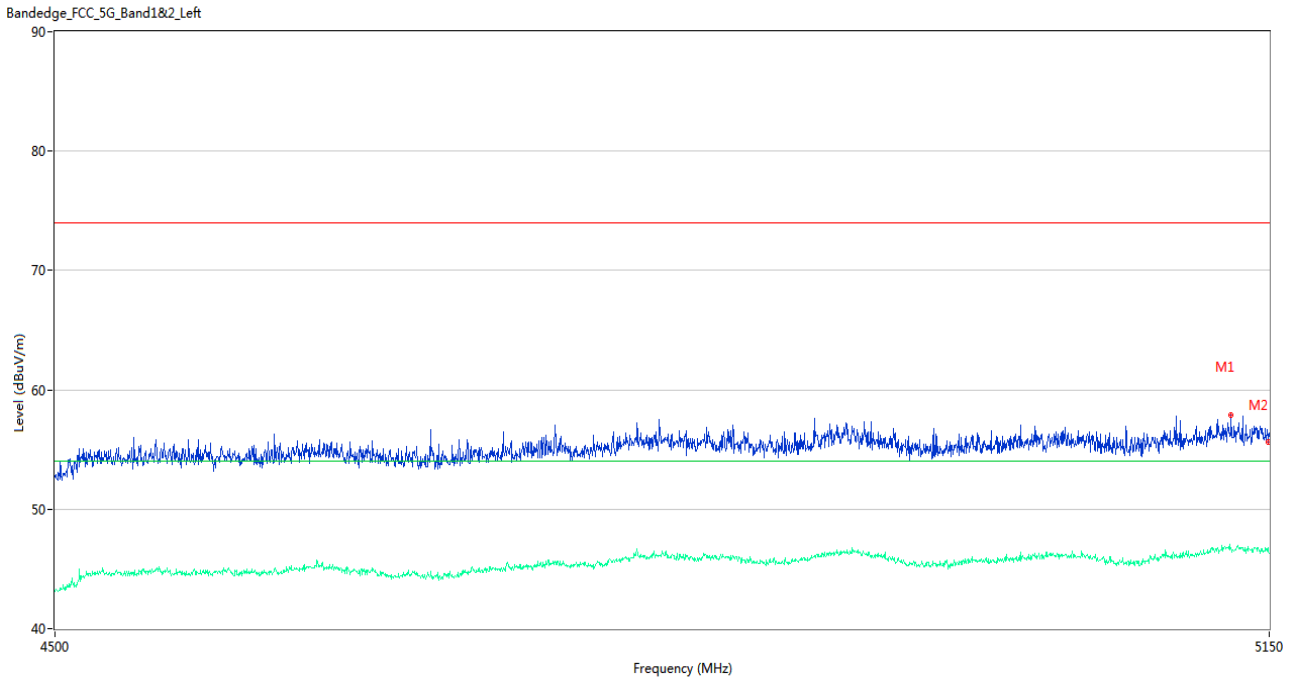
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 4904.625        | 57.66            | 3.43        | 74.0           | -16.34          | Peak     | 348.00         | 100         | Horizontal | Pass    |
| 1** | 4904.625        | 46.36            | 3.43        | 54.0           | -7.64           | AV       | 348.00         | 100         | Horizontal | Pass    |
| 2   | 5149.675        | 55.63            | 3.26        | 74.0           | -18.37          | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 2** | 5149.675        | 46.45            | 3.26        | 54.0           | -7.55           | AV       | 360.00         | 100         | Horizontal | Pass    |

U-NII-2A 11n20 CH64



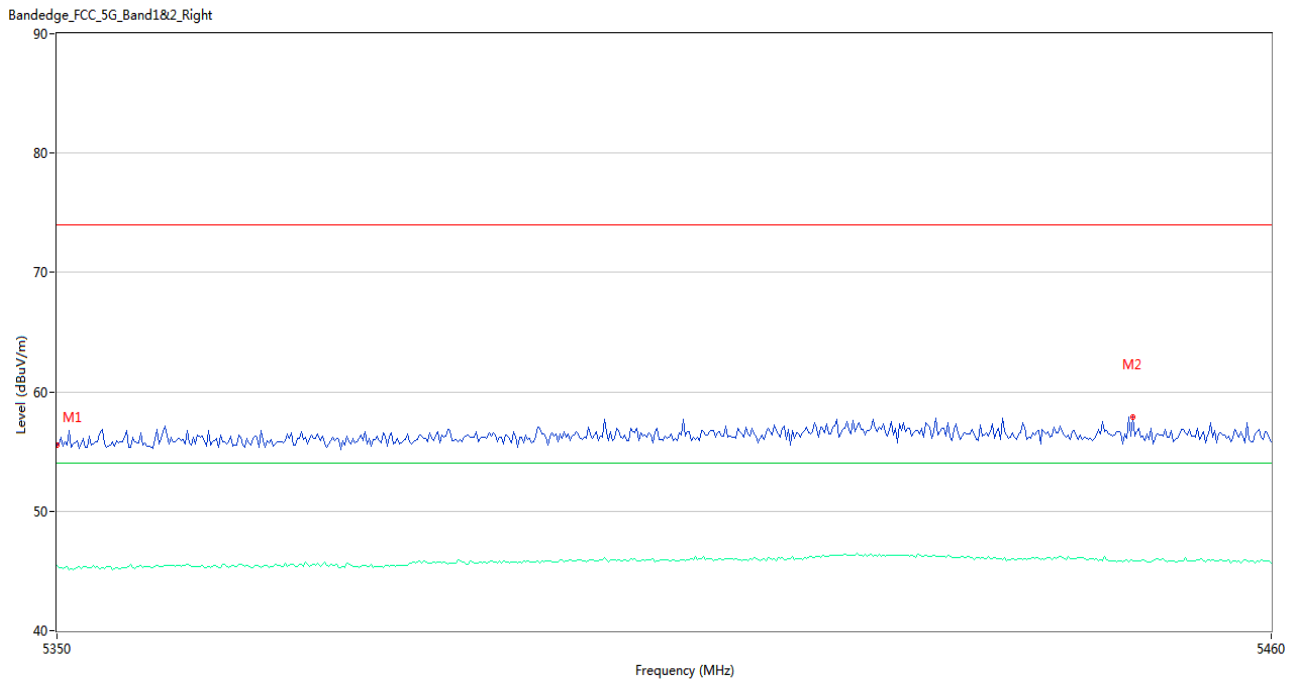
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 56.01            | 2.98        | 74.0           | -17.99          | Peak     | 158.00         | 150         | Horizontal | Pass    |
| 1** | 5350.000        | 45.37            | 2.98        | 54.0           | -8.63           | AV       | 158.00         | 150         | Horizontal | Pass    |
| 2   | 5427.367        | 58.06            | 3.30        | 74.0           | -15.94          | Peak     | 201.00         | 150         | Horizontal | Pass    |
| 2** | 5427.367        | 46.44            | 3.30        | 54.0           | -7.56           | AV       | 201.00         | 150         | Horizontal | Pass    |

U-NII-2A 11n40 CH54



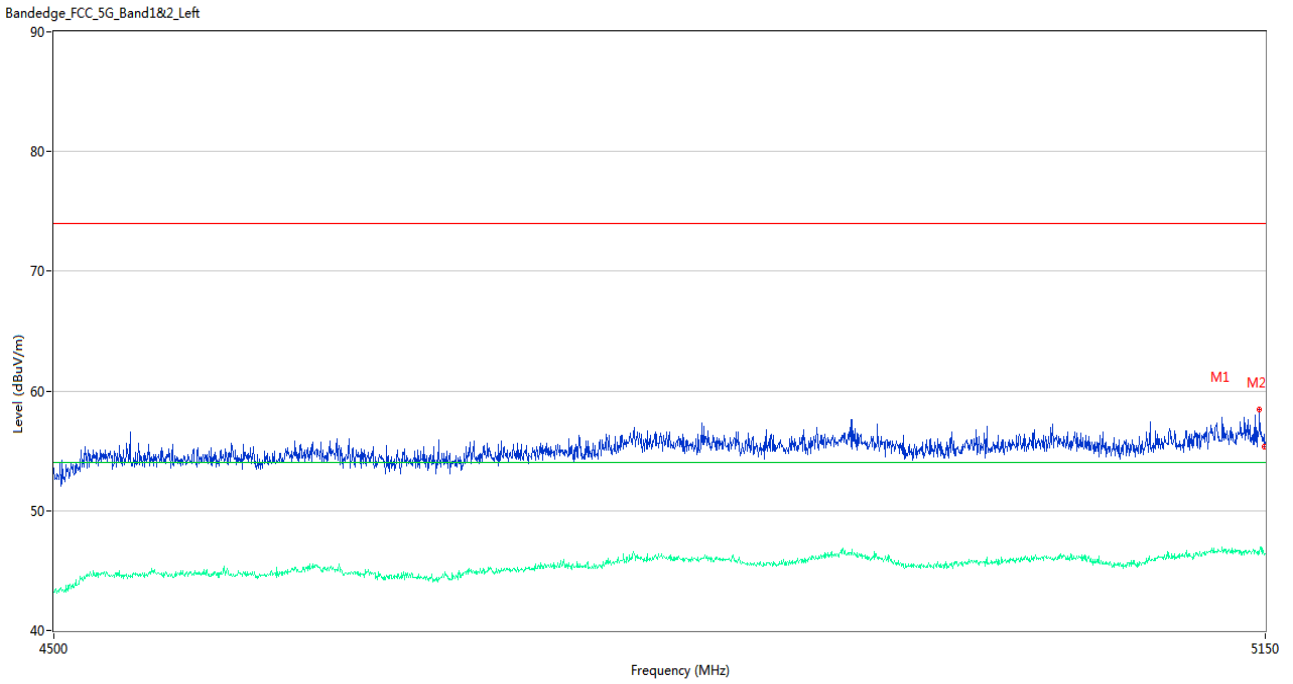
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5128.225        | 57.84            | 3.73        | 74.0           | -16.16          | Peak     | 111.00         | 150         | Horizontal | Pass    |
| 1** | 5128.225        | 46.65            | 3.73        | 54.0           | -7.35           | AV       | 111.00         | 150         | Horizontal | Pass    |
| 2   | 5149.675        | 55.60            | 3.26        | 74.0           | -18.40          | Peak     | 173.00         | 100         | Horizontal | Pass    |
| 2** | 5149.675        | 46.48            | 3.26        | 54.0           | -7.52           | AV       | 173.00         | 100         | Horizontal | Pass    |

U-NII-2A 11n40 CH62



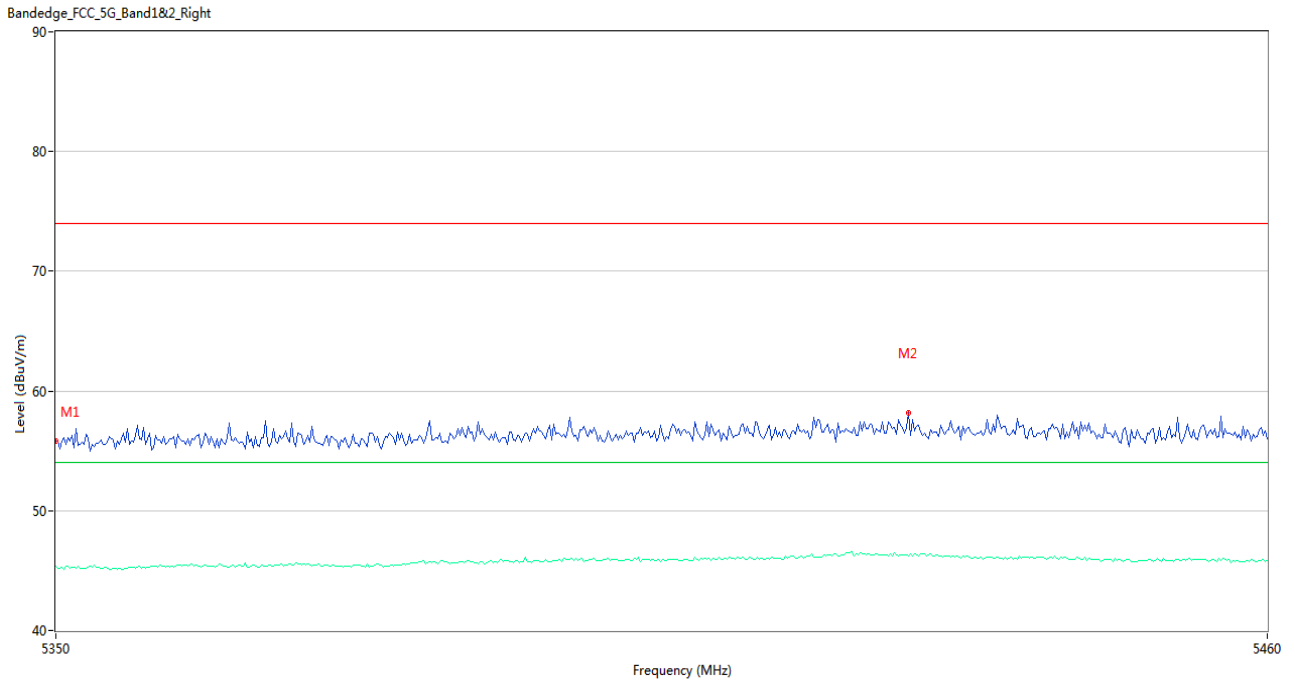
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.56            | 2.98        | 74.0           | -18.44          | Peak     | 114.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 45.42            | 2.98        | 54.0           | -8.58           | AV       | 114.00         | 100         | Horizontal | Pass    |
| 2   | 5447.350        | 57.92            | 3.60        | 74.0           | -16.08          | Peak     | 199.00         | 200         | Horizontal | Pass    |
| 2** | 5447.350        | 45.84            | 3.60        | 54.0           | -8.16           | AV       | 199.00         | 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   | 5146.750        | 58.42            | 3.39        | 74.0           | -15.58          | Peak     | 15.00          | 150         | Horizontal | Pass    |
| 1** | 5146.750        | 46.44            | 3.39        | 54.0           | -7.56           | AV       | 15.00          | 150         | Horizontal | Pass    |
| 2   | 5149.675        | 55.34            | 3.26        | 74.0           | -18.66          | Peak     | 240.00         | 200         | Horizontal | Pass    |
| 2** | 5149.675        | 46.45            | 3.26        | 54.0           | -7.55           | AV       | 240.00         | 200         | Horizontal | Pass    |

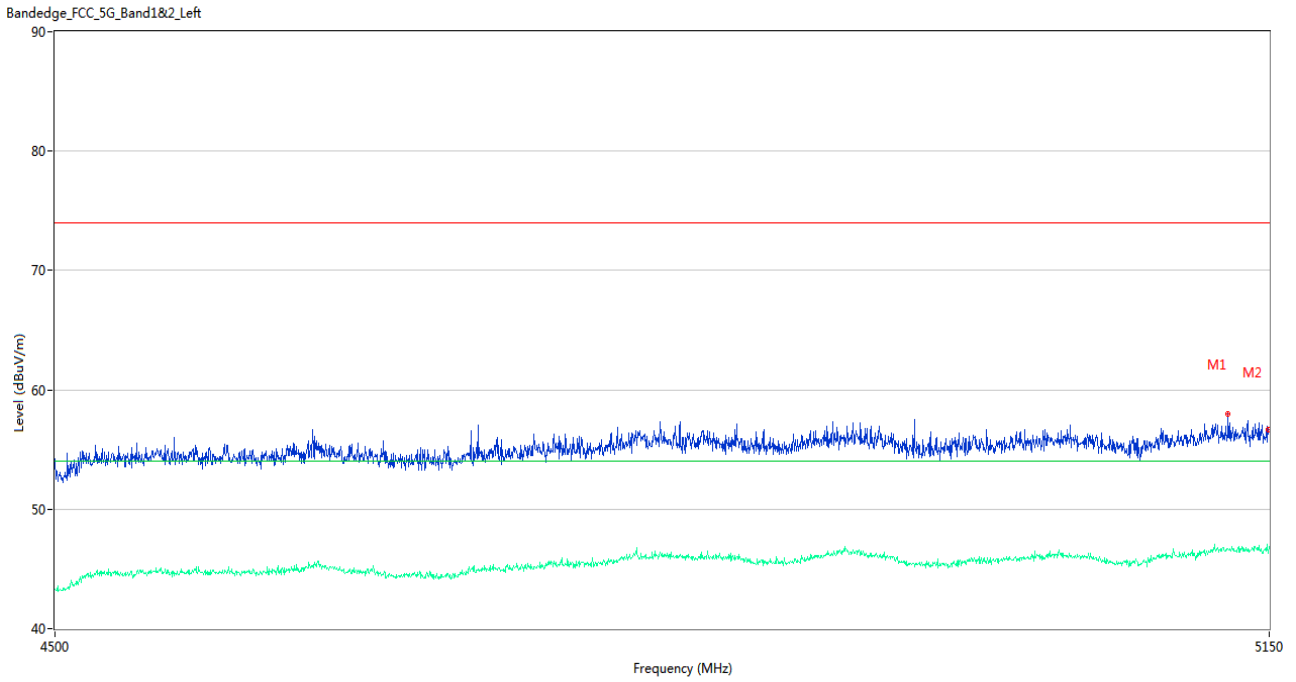
U-NII-2A 11ac20 CH64



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.79            | 2.98        | 74.0           | -18.21          | Peak     | 82.00          | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 45.32            | 2.98        | 54.0           | -8.68           | AV       | 82.00          | 100         | Horizontal | Pass    |
| 2   | 5427.183        | 58.13            | 3.30        | 74.0           | -15.87          | Peak     | 335.00         | 100         | Horizontal | Pass    |
| 2** | 5427.183        | 46.24            | 3.30        | 54.0           | -7.76           | AV       | 335.00         | 100         | Horizontal | Pass    |

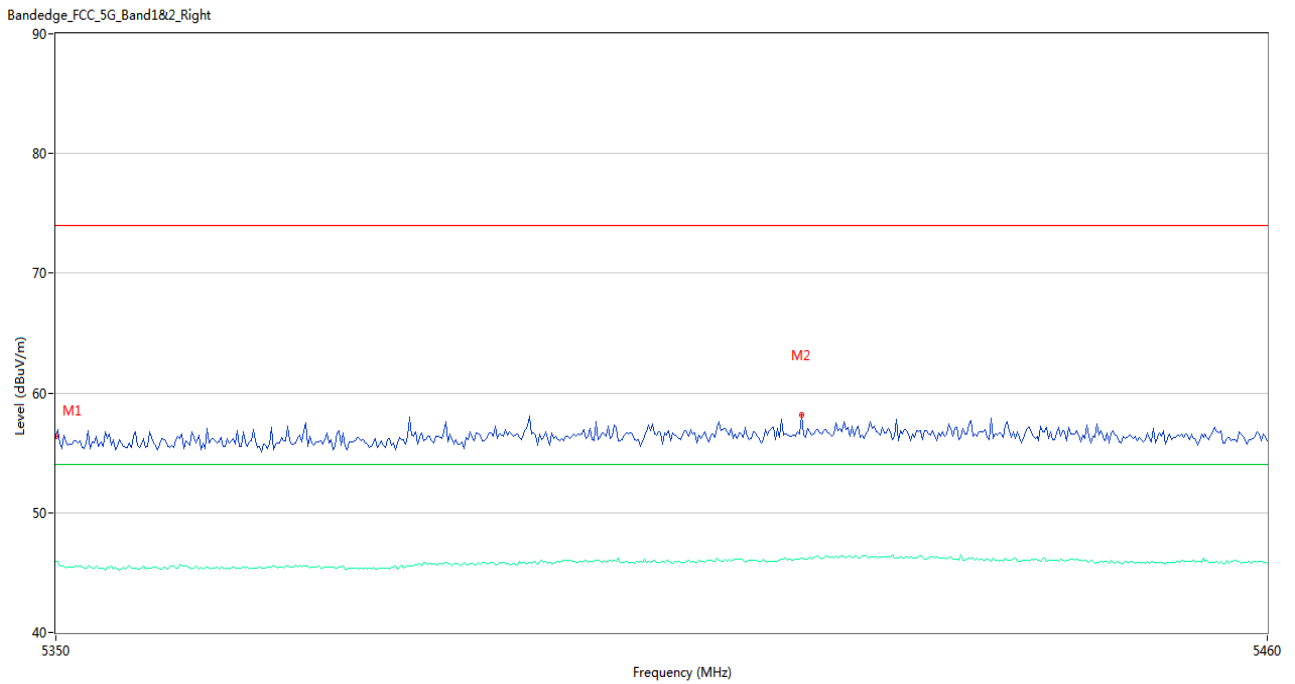


U-NII-2A 11ac40 CH54



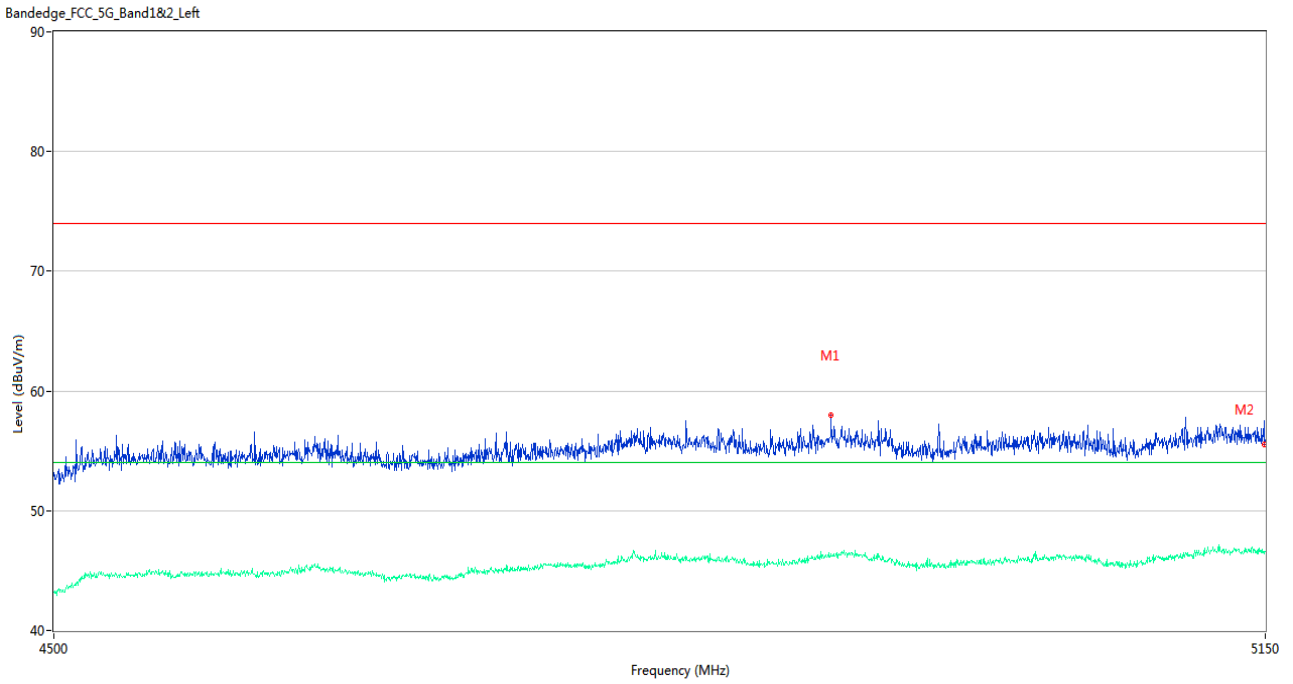
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5126.600        | 57.99            | 3.79        | 74.0           | -16.01          | Peak     | 196.00         | 150         | Horizontal | Pass    |
| 1** | 5126.600        | 46.72            | 3.79        | 54.0           | -7.28           | AV       | 196.00         | 150         | Horizontal | Pass    |
| 2   | 5149.675        | 56.68            | 3.26        | 74.0           | -17.32          | Peak     | 236.00         | 150         | Horizontal | Pass    |
| 2** | 5149.675        | 46.33            | 3.26        | 54.0           | -7.67           | AV       | 236.00         | 150         | Horizontal | Pass    |

U-NII-2A 11ac40 CH62



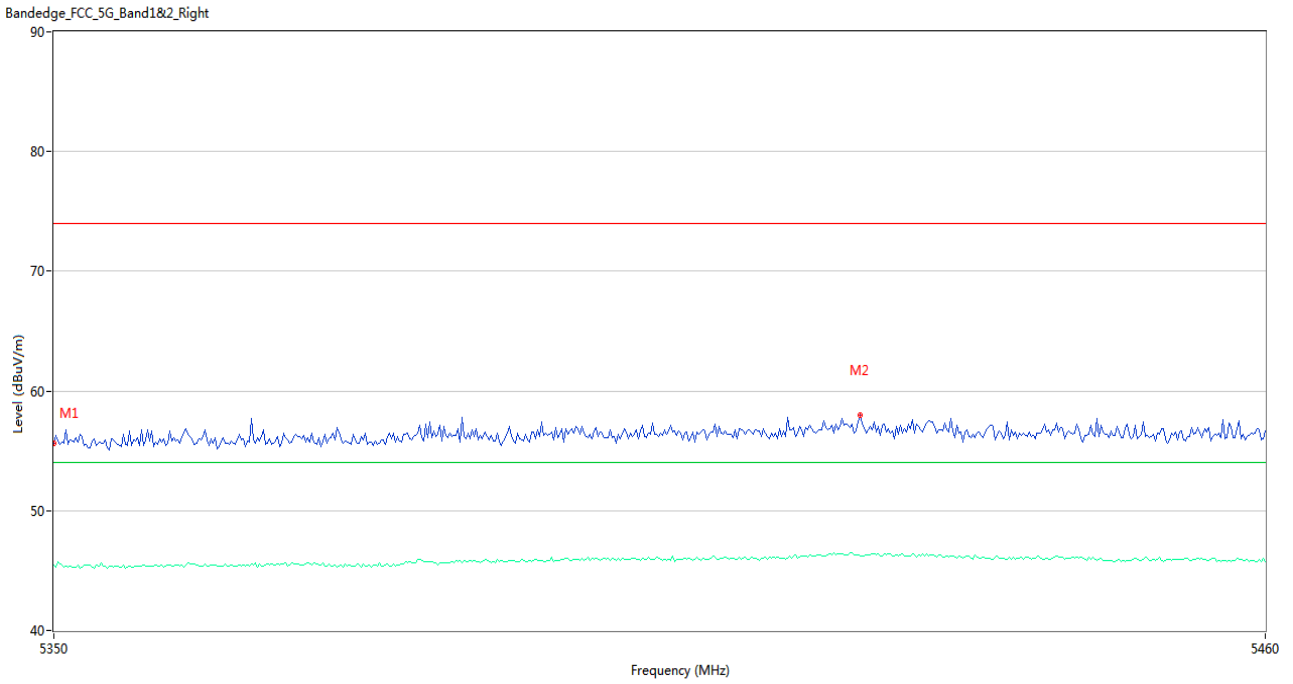
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 56.40            | 2.98        | 74.0           | -17.60          | Peak     | 182.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 45.96            | 2.98        | 54.0           | -8.04           | AV       | 182.00         | 200         | Horizontal | Pass    |
| 2   | 5417.467        | 58.17            | 3.22        | 74.0           | -15.83          | Peak     | 141.00         | 200         | Horizontal | Pass    |
| 2** | 5417.467        | 46.22            | 3.22        | 54.0           | -7.78           | AV       | 141.00         | 200         | Horizontal | Pass    |

U-NII-2A 11ac80 CH58



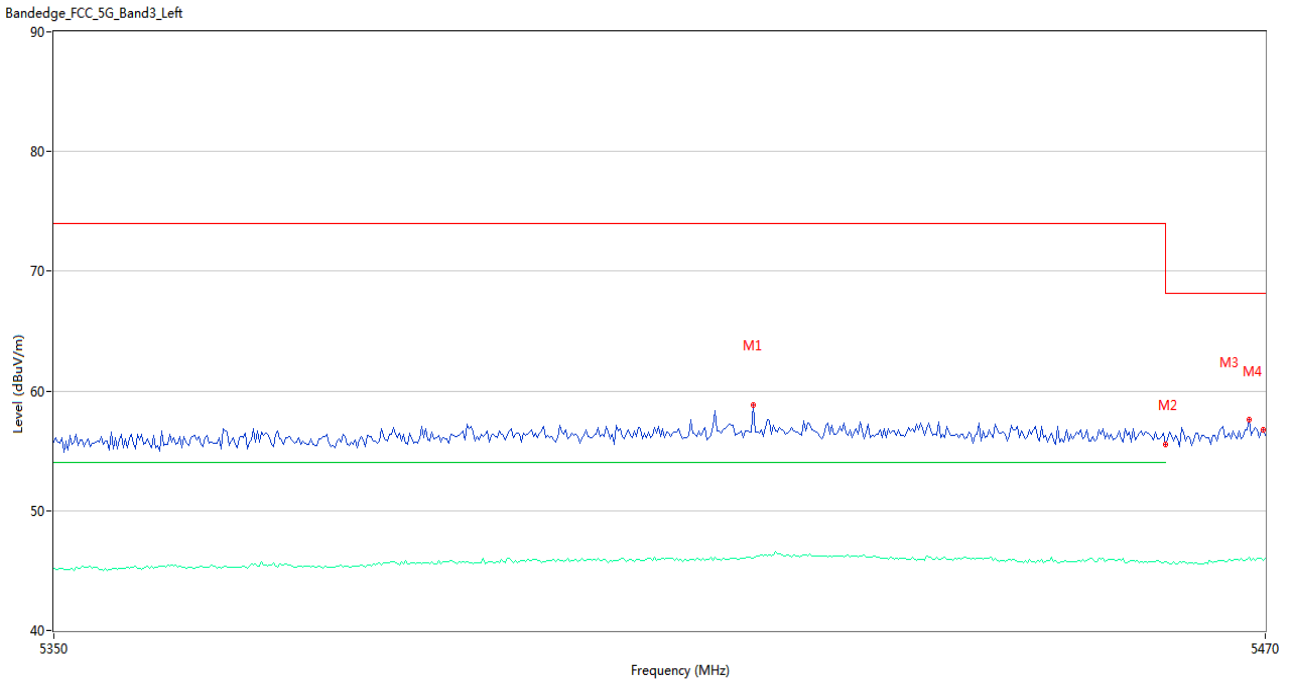
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 4906.900        | 57.99            | 3.43        | 74.0           | -16.01          | Peak     | 200.00         | 150         | Horizontal | Pass    |
| 1** | 4906.900        | 46.17            | 3.43        | 54.0           | -7.83           | AV       | 200.00         | 150         | Horizontal | Pass    |
| 2   | 5149.675        | 55.54            | 3.26        | 74.0           | -18.46          | Peak     | 144.00         | 150         | Horizontal | Pass    |
| 2** | 5149.675        | 46.63            | 3.26        | 54.0           | -7.37           | AV       | 144.00         | 150         | Horizontal | Pass    |

U-NII-2A 11ac80 CH58



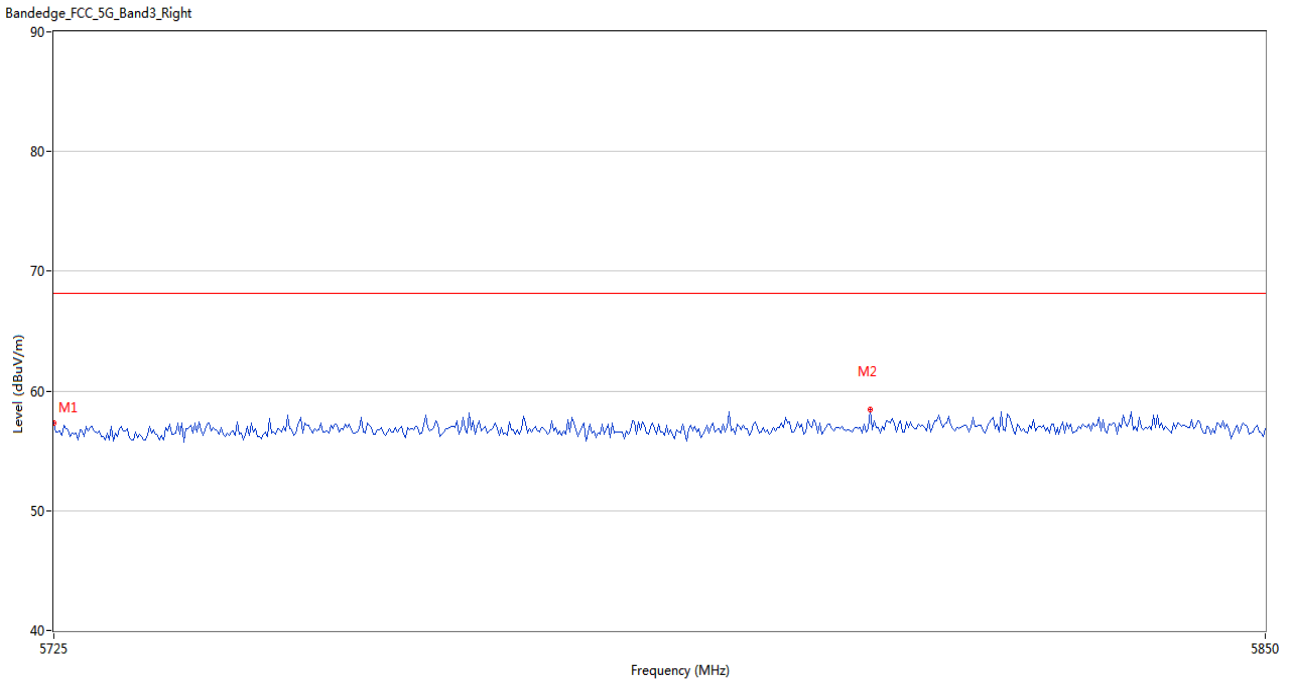
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.59            | 2.98        | 74.0           | -18.41          | Peak     | 235.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 45.51            | 2.98        | 54.0           | -8.49           | AV       | 235.00         | 100         | Horizontal | Pass    |
| 2   | 5422.967        | 58.01            | 3.28        | 74.0           | -15.99          | Peak     | 13.00          | 100         | Horizontal | Pass    |
| 2** | 5422.967        | 46.22            | 3.28        | 54.0           | -7.78           | AV       | 13.00          | 100         | Horizontal | Pass    |

U-NII-2C 11a CH100



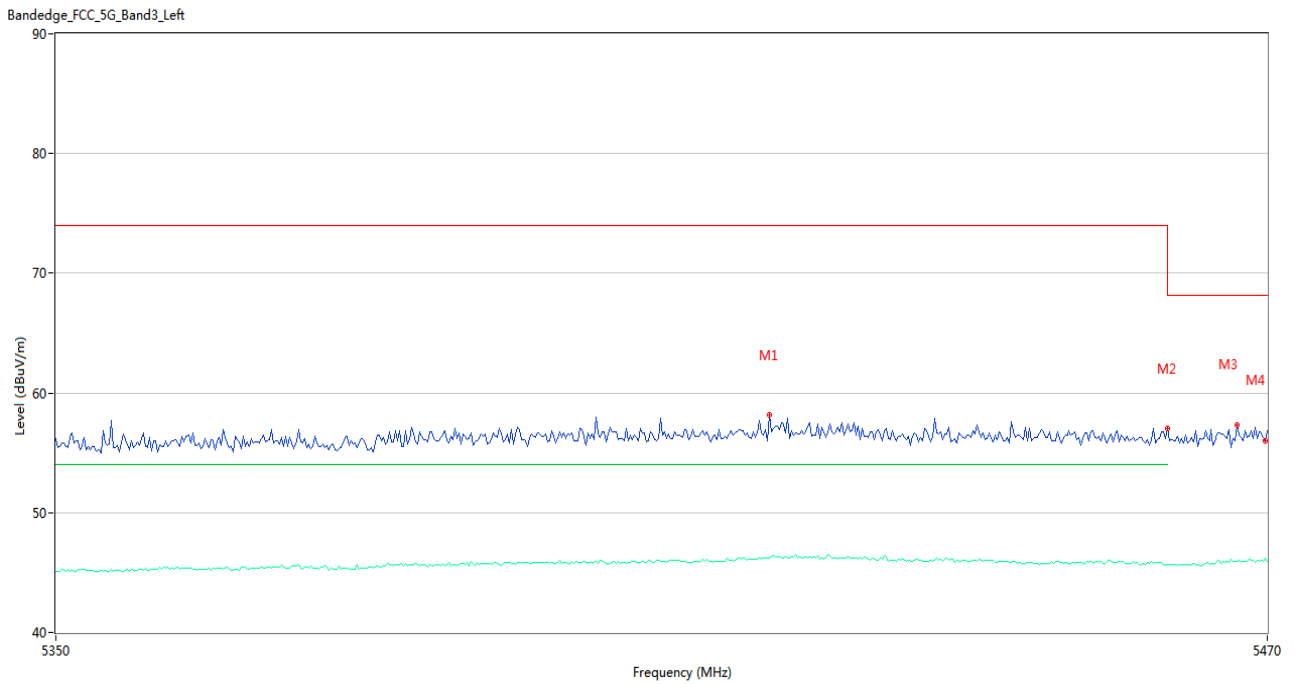
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5419.000        | 58.86            | 3.25        | 74.0           | -15.14          | Peak     | 233.00         | 100         | Horizontal | Pass    |
| 1** | 5419.000        | 46.06            | 3.25        | 54.0           | -7.94           | AV       | 233.00         | 100         | Horizontal | Pass    |
| 2   | 5460.000        | 55.53            | 3.79        | 74.0           | -18.47          | Peak     | 94.00          | 100         | Horizontal | Pass    |
| 2** | 5460.000        | 45.70            | 3.79        | 54.0           | -8.30           | AV       | 94.00          | 100         | Horizontal | Pass    |
| 3   | 5468.400        | 57.61            | 3.90        | 68.2           | -10.59          | Peak     | 28.00          | 150         | Horizontal | Pass    |
| 3** | 5468.400        | 46.12            | 3.90        | --             | --              | AV       | 28.00          | 150         | Horizontal | N/A     |
| 4   | 5469.800        | 56.77            | 3.88        | 68.2           | -11.43          | Peak     | 151.00         | 150         | Horizontal | Pass    |
| 4** | 5469.800        | 45.88            | 3.88        | --             | --              | AV       | 151.00         | 150         | Horizontal | N/A     |

U-NII-2C 11a CH140



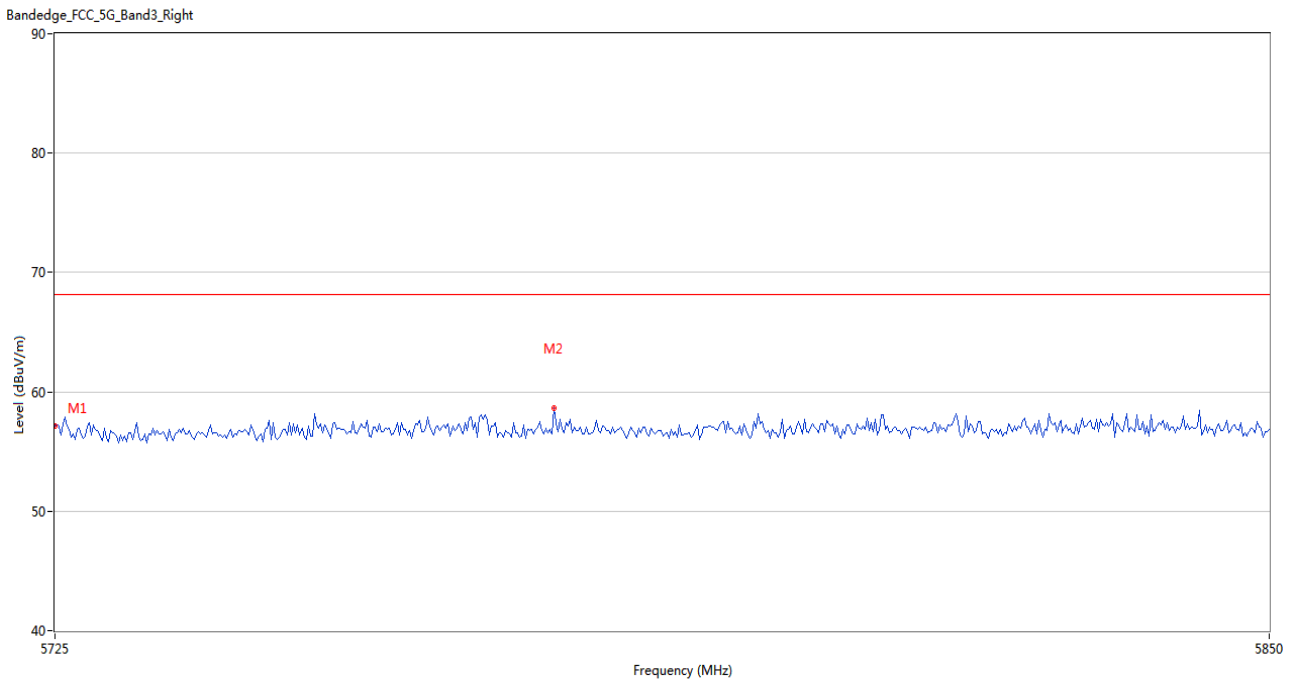
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 57.36            | 3.78        | 68.2           | -10.84          | Peak     | 276.00         | 200         | Horizontal | Pass    |
| 2   | 5808.958        | 58.45            | 3.56        | 68.2           | -9.75           | Peak     | 2.00           | 200         | 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   | 5420.400        | 58.14            | 3.33        | 74.0           | -15.86          | Peak     | 239.00         | 150         | Horizontal | Pass    |
| 1** | 5420.400        | 46.23            | 3.33        | 54.0           | -7.77           | AV       | 239.00         | 150         | Horizontal | Pass    |
| 2   | 5460.000        | 57.06            | 3.79        | 74.0           | -16.94          | Peak     | 181.00         | 150         | Horizontal | Pass    |
| 2** | 5460.000        | 45.66            | 3.79        | 54.0           | -8.34           | AV       | 181.00         | 150         | Horizontal | Pass    |
| 3   | 5467.000        | 57.36            | 3.90        | 68.2           | -10.84          | Peak     | 205.00         | 100         | Horizontal | Pass    |
| 3** | 5467.000        | 45.93            | 3.90        | --             | --              | AV       | 205.00         | 100         | Horizontal | N/A     |
| 4   | 5469.800        | 56.04            | 3.88        | 68.2           | -12.16          | Peak     | 169.00         | 100         | Horizontal | Pass    |
| 4** | 5469.800        | 46.22            | 3.88        | --             | --              | AV       | 169.00         | 100         | Horizontal | N/A     |

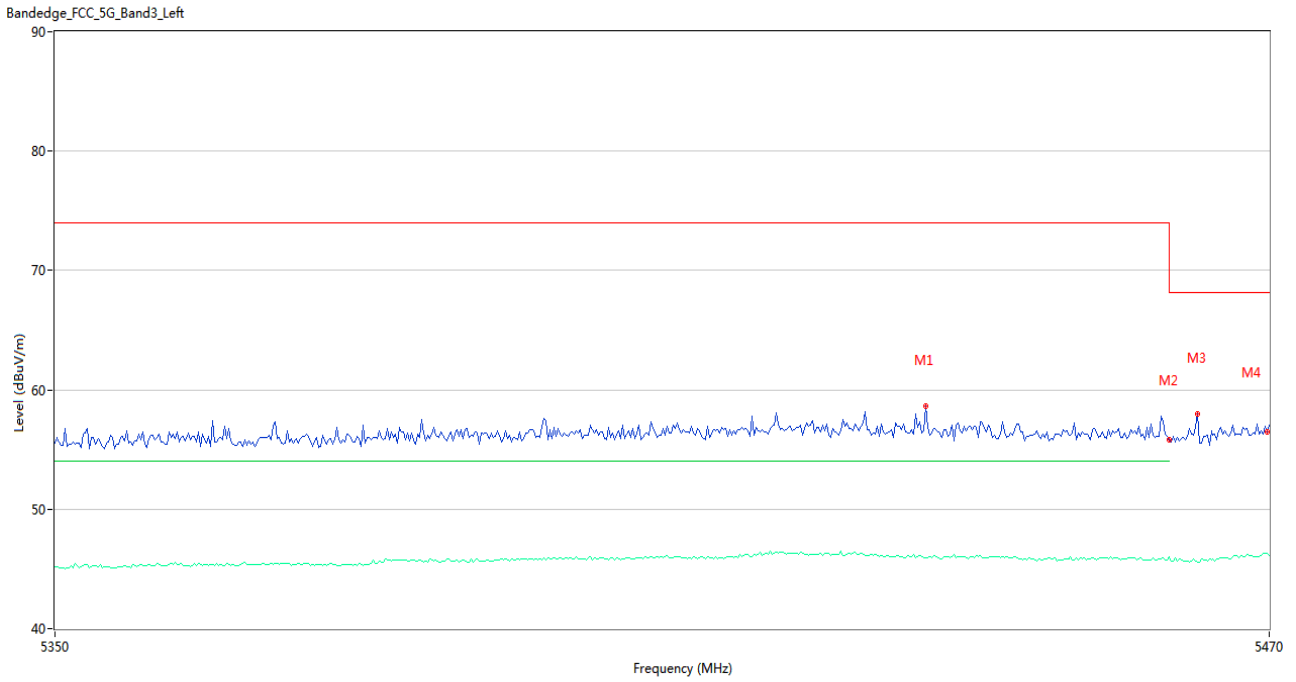
U-NII-2C 11n20 CH140



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 57.11            | 3.78        | 68.2           | -11.09          | Peak     | 215.00         | 150         | Horizontal | Pass    |
| 2   | 5776.041        | 58.64            | 4.08        | 68.2           | -9.56           | Peak     | 160.00         | 150         | Horizontal | Pass    |

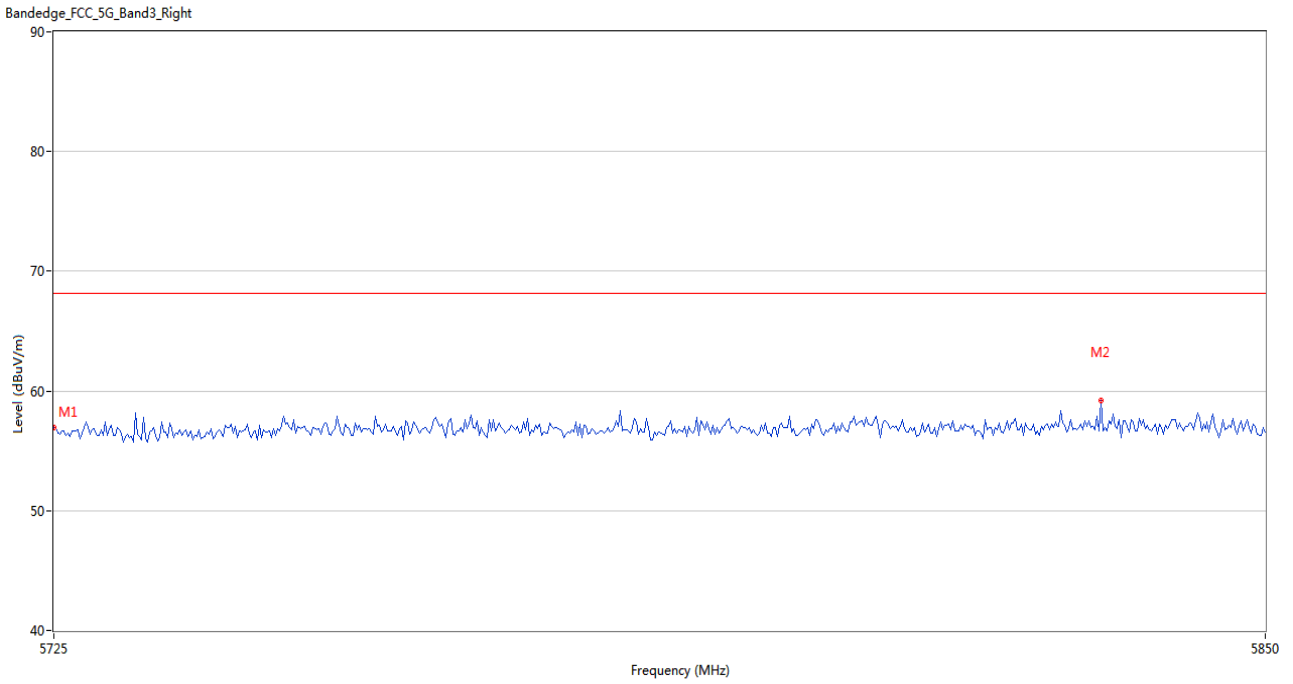


U-NII-2C 11n40 CH102



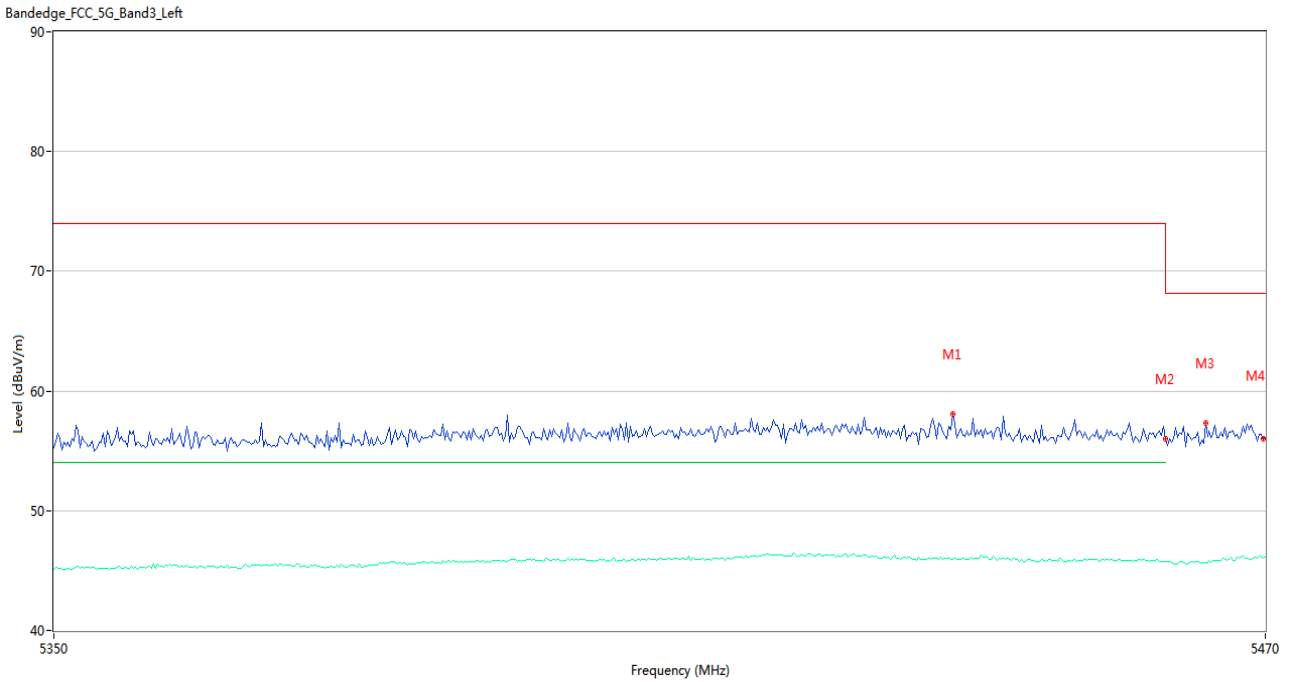
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5435.800        | 58.69            | 3.38        | 74.0           | -15.31          | Peak     | 190.00         | 200         | Horizontal | Pass    |
| 1** | 5435.800        | 45.92            | 3.38        | 54.0           | -8.08           | AV       | 190.00         | 200         | Horizontal | Pass    |
| 2   | 5460.000        | 55.80            | 3.79        | 74.0           | -18.20          | Peak     | 219.00         | 150         | Horizontal | Pass    |
| 2** | 5460.000        | 46.02            | 3.79        | 54.0           | -7.98           | AV       | 219.00         | 150         | Horizontal | Pass    |
| 3   | 5462.800        | 57.99            | 3.67        | 68.2           | -10.21          | Peak     | 189.00         | 150         | Horizontal | Pass    |
| 3** | 5462.800        | 45.55            | 3.67        | --             | --              | AV       | 189.00         | 150         | Horizontal | N/A     |
| 4   | 5469.800        | 56.51            | 3.88        | 68.2           | -11.69          | Peak     | 355.00         | 100         | Horizontal | Pass    |
| 4** | 5469.800        | 46.27            | 3.88        | --             | --              | AV       | 355.00         | 100         | Horizontal | N/A     |

U-NII-2C 11n40 CH134



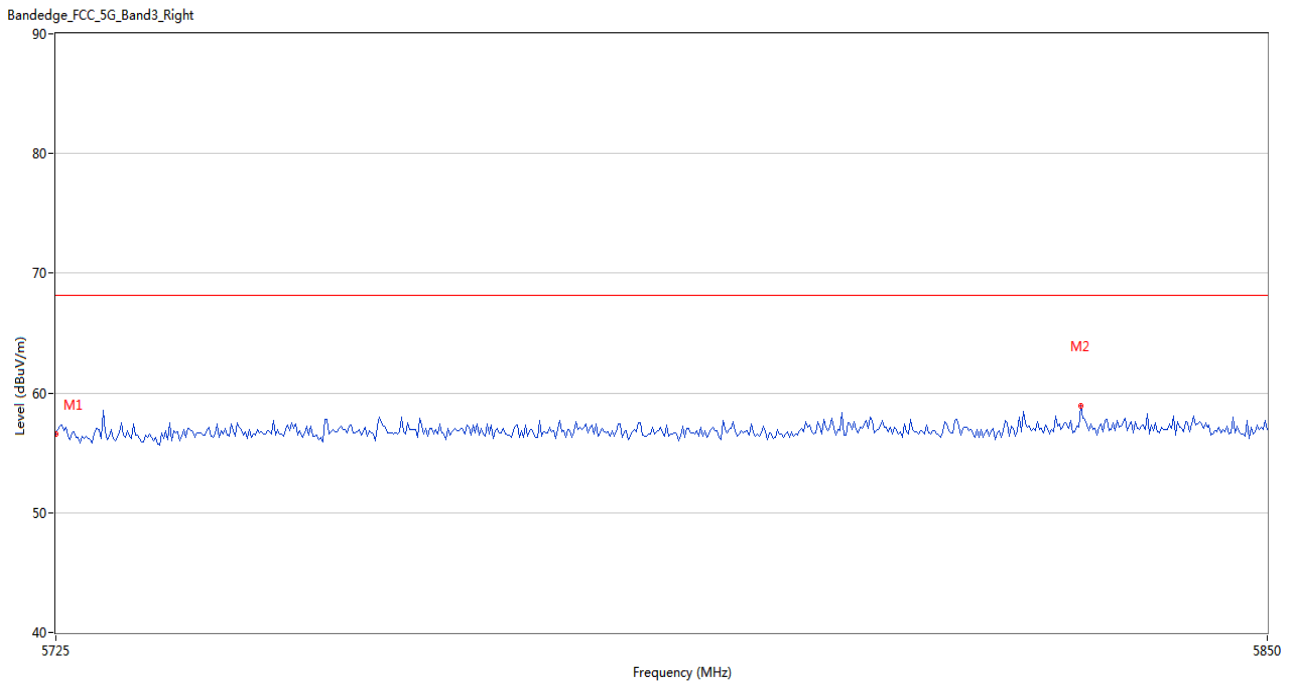
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 56.98            | 3.78        | 68.2           | -11.22          | Peak     | 111.00         | 150         | Horizontal | Pass    |
| 2   | 5832.916        | 59.23            | 3.89        | 68.2           | -8.97           | Peak     | 193.00         | 150         | Horizontal | Pass    |

U-NII-2C 11ac20 CH100



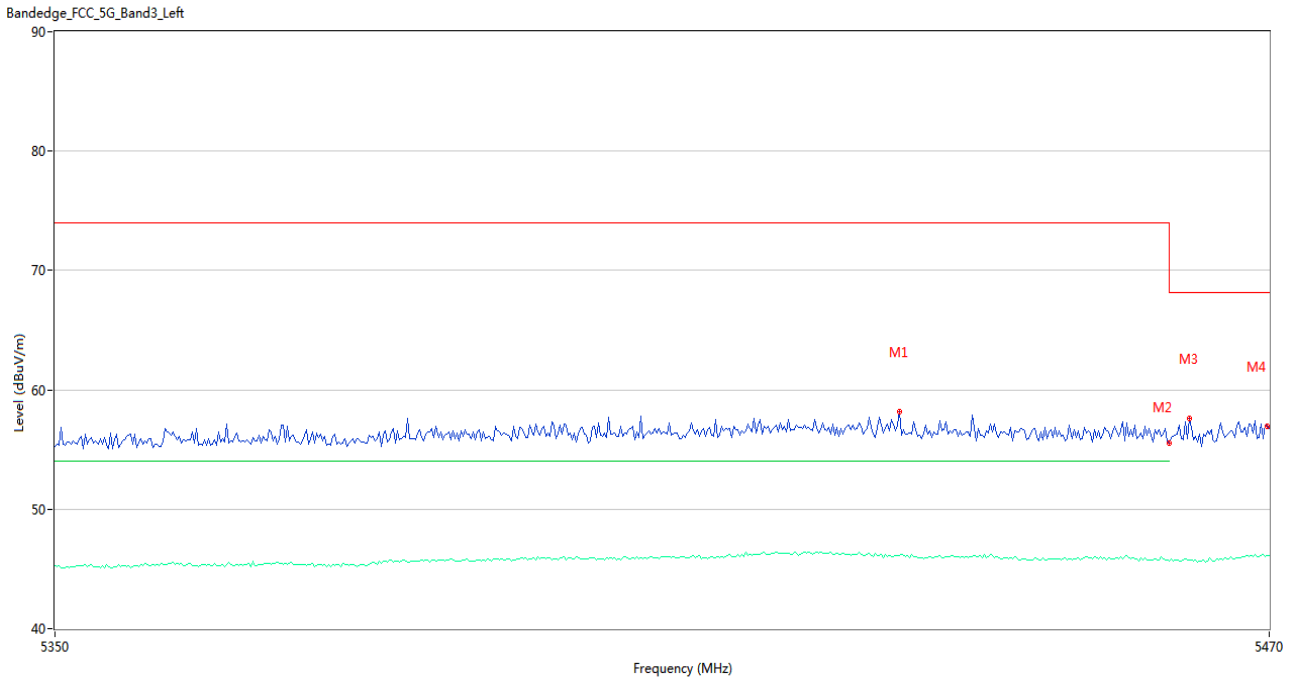
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5438.800        | 58.04            | 3.55        | 74.0           | -15.96          | Peak     | 67.00          | 200         | Horizontal | Pass    |
| 1** | 5438.800        | 45.97            | 3.55        | 54.0           | -8.03           | AV       | 67.00          | 200         | Horizontal | Pass    |
| 2   | 5460.000        | 56.04            | 3.79        | 74.0           | -17.96          | Peak     | 164.00         | 150         | Horizontal | Pass    |
| 2** | 5460.000        | 45.74            | 3.79        | 54.0           | -8.26           | AV       | 164.00         | 150         | Horizontal | Pass    |
| 3   | 5464.000        | 57.30            | 3.71        | 68.2           | -10.90          | Peak     | 172.00         | 200         | Horizontal | Pass    |
| 3** | 5464.000        | 45.63            | 3.71        | --             | --              | AV       | 172.00         | 200         | Horizontal | N/A     |
| 4   | 5469.800        | 56.05            | 3.88        | 68.2           | -12.15          | Peak     | 318.00         | 100         | Horizontal | Pass    |
| 4** | 5469.800        | 46.04            | 3.88        | --             | --              | AV       | 318.00         | 100         | Horizontal | N/A     |

U-NII-2C 11ac20 CH140



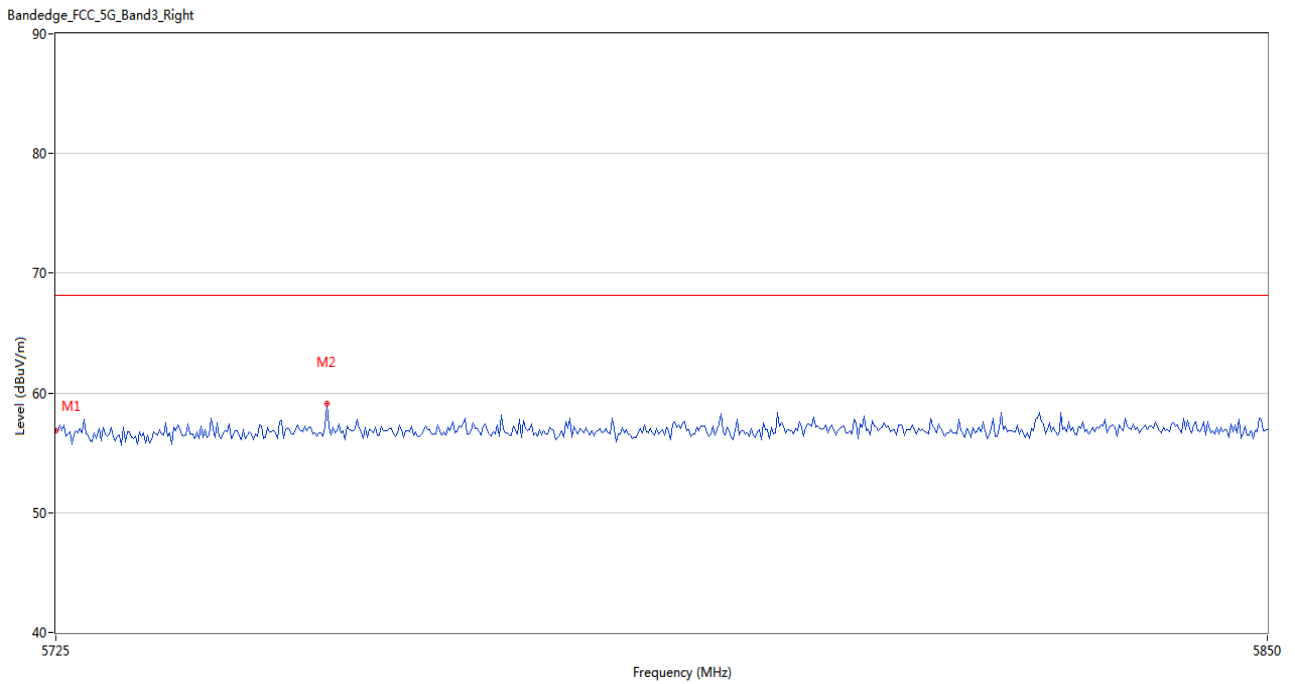
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 56.60            | 3.78        | 68.2           | -11.60          | Peak     | 151.00         | 150         | Horizontal | Pass    |
| 2   | 5830.625        | 58.92            | 3.87        | 68.2           | -9.28           | Peak     | 345.00         | 200         | Horizontal | Pass    |

U-NII-2C 11ac40 CH102



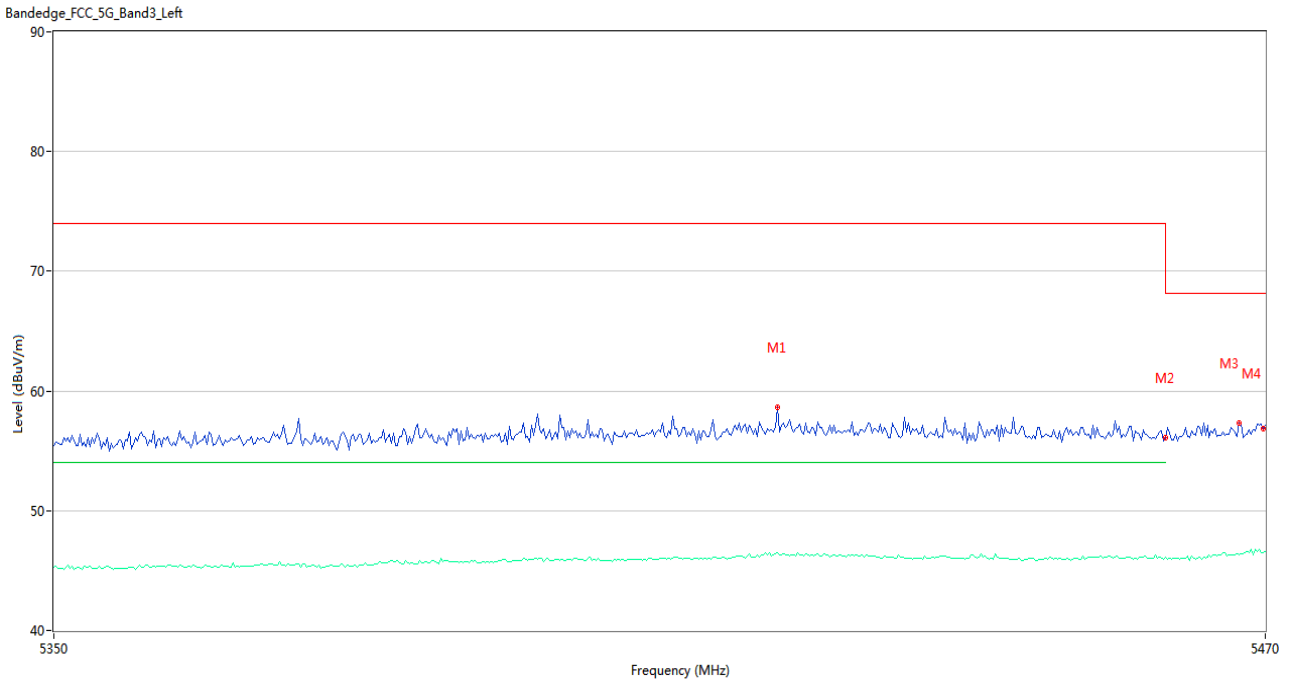
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5433.200        | 58.19            | 3.39        | 74.0           | -15.81          | Peak     | 269.00         | 200         | Horizontal | Pass    |
| 1** | 5433.200        | 46.08            | 3.39        | 54.0           | -7.92           | AV       | 269.00         | 200         | Horizontal | Pass    |
| 2   | 5460.000        | 55.54            | 3.79        | 74.0           | -18.46          | Peak     | 135.00         | 100         | Horizontal | Pass    |
| 2** | 5460.000        | 45.68            | 3.79        | 54.0           | -8.32           | AV       | 135.00         | 100         | Horizontal | Pass    |
| 3   | 5462.000        | 57.61            | 3.67        | 68.2           | -10.59          | Peak     | 256.00         | 150         | Horizontal | Pass    |
| 3** | 5462.000        | 45.74            | 3.67        | --             | --              | AV       | 256.00         | 150         | Horizontal | N/A     |
| 4   | 5469.800        | 56.91            | 3.88        | 68.2           | -11.29          | Peak     | 353.00         | 200         | Horizontal | Pass    |
| 4** | 5469.800        | 46.08            | 3.88        | --             | --              | AV       | 353.00         | 200         | Horizontal | N/A     |

U-NII-2C 11ac40 CH134



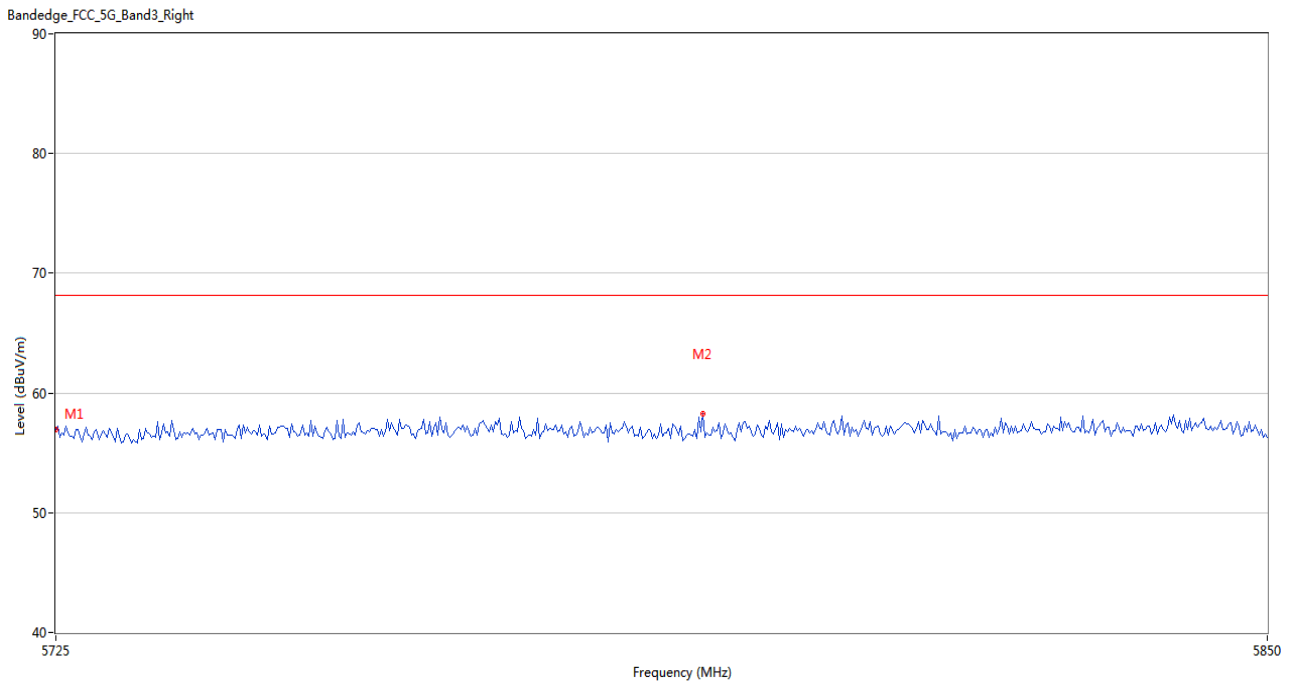
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 56.84            | 3.78        | 68.2           | -11.36          | Peak     | 192.00         | 100         | Horizontal | Pass    |
| 2   | 5752.709        | 59.10            | 3.82        | 68.2           | -9.10           | Peak     | 318.00         | 200         | 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   | 5421.400        | 58.61            | 3.34        | 74.0           | -15.39          | Peak     | 227.00         | 200         | Horizontal | Pass    |
| 1** | 5421.400        | 46.48            | 3.34        | 54.0           | -7.52           | AV       | 227.00         | 200         | Horizontal | Pass    |
| 2   | 5460.000        | 56.12            | 3.79        | 74.0           | -17.88          | Peak     | 44.00          | 200         | Horizontal | Pass    |
| 2** | 5460.000        | 46.09            | 3.79        | 54.0           | -7.91           | AV       | 44.00          | 200         | Horizontal | Pass    |
| 3   | 5467.400        | 57.31            | 3.91        | 68.2           | -10.89          | Peak     | 71.00          | 100         | Horizontal | Pass    |
| 3** | 5467.400        | 46.29            | 3.91        | --             | --              | AV       | 71.00          | 100         | Horizontal | N/A     |
| 4   | 5469.800        | 56.87            | 3.88        | 68.2           | -11.33          | Peak     | 205.00         | 100         | Horizontal | Pass    |
| 4** | 5469.800        | 46.53            | 3.88        | --             | --              | AV       | 205.00         | 100         | Horizontal | N/A     |

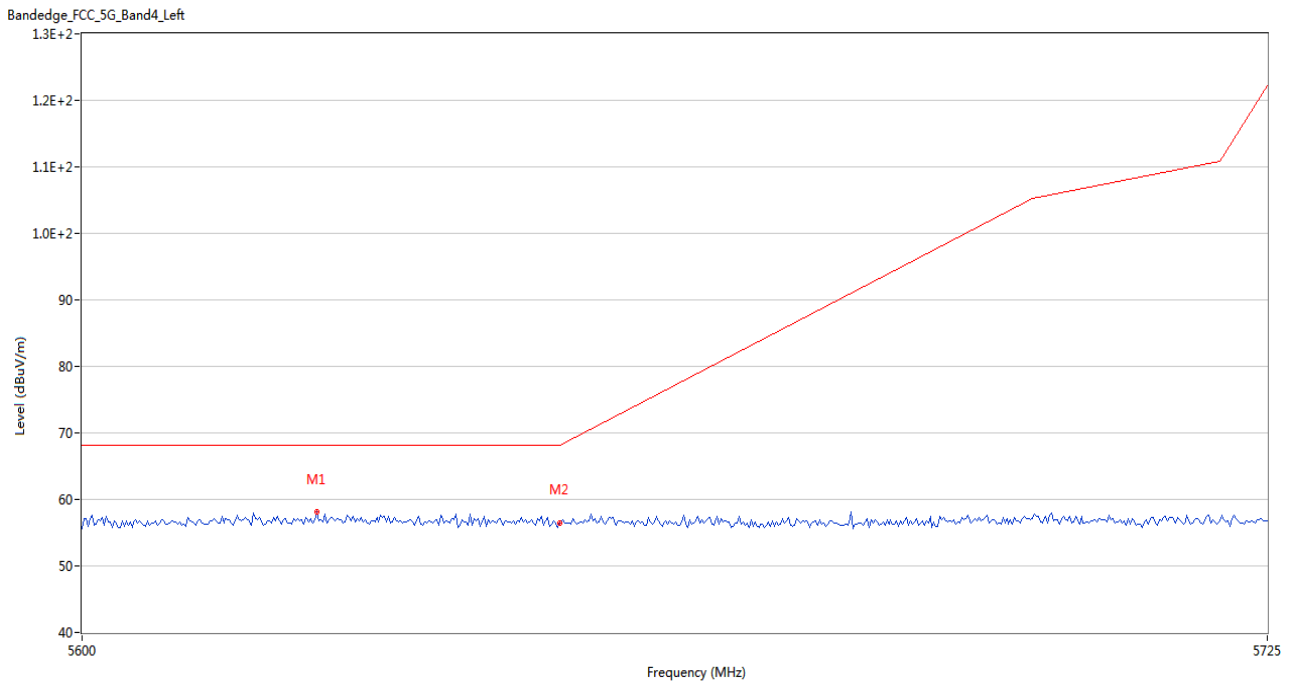
U-NII-2C 11ac80 CH122



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 56.97            | 3.78        | 68.2           | -11.23          | Peak     | 6.00           | 200         | Horizontal | Pass    |
| 2   | 5791.458        | 58.23            | 3.43        | 68.2           | -9.97           | Peak     | 299.00         | 150         | Horizontal | Pass    |

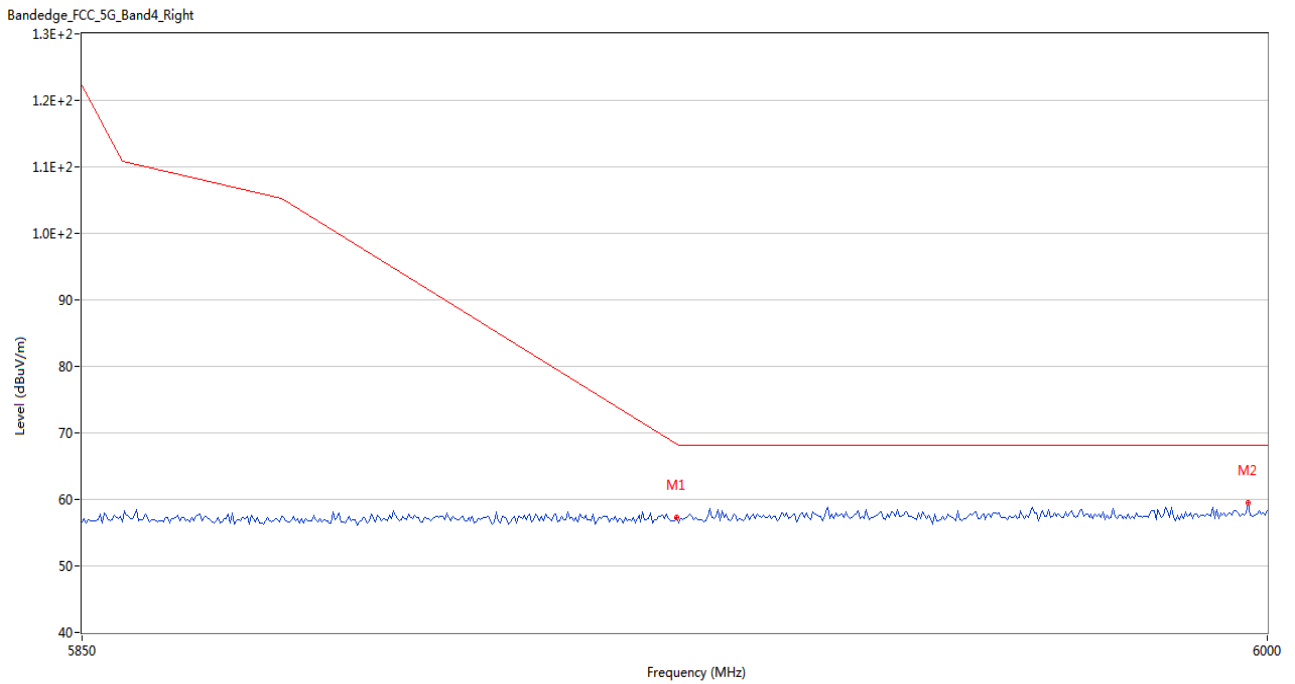


U-NII-3 11a CH149



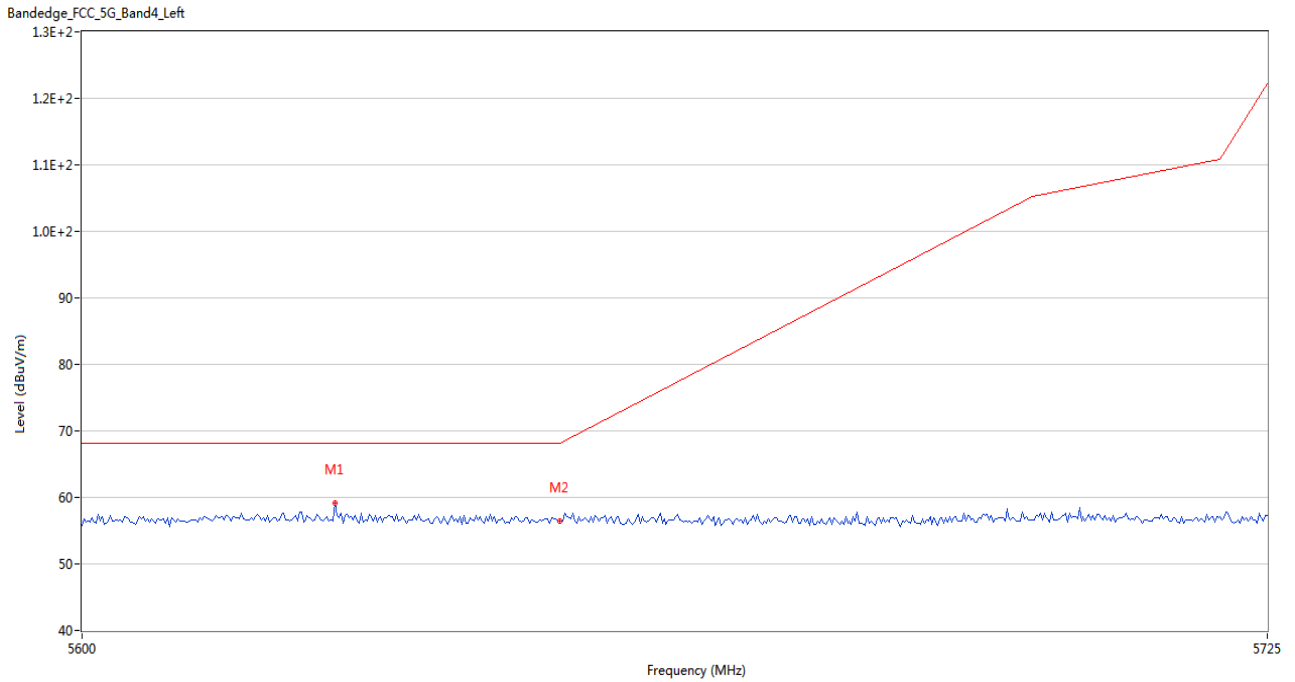
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5624.584        | 58.10            | 3.34        | 68.2           | -10.10          | Peak     | 292.00         | 200         | Horizontal | Pass    |
| 2   | 5650.000        | 56.48            | 3.60        | 68.2           | -11.72          | Peak     | 285.00         | 200         | Horizontal | Pass    |

U-NII-3 11a CH165



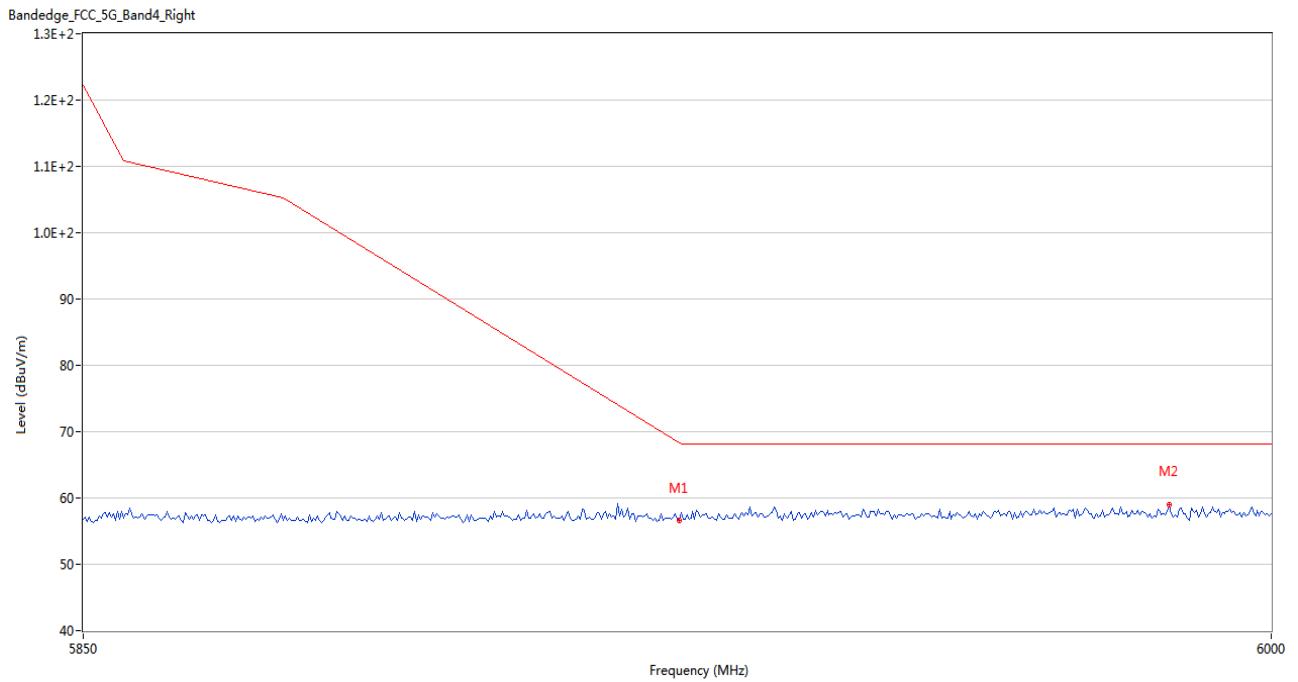
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 57.25            | 3.41        | 68.4           | -11.15          | Peak     | 8.00           | 200         | Horizontal | Pass    |
| 2   | 5997.500        | 59.46            | 4.52        | 68.2           | -8.74           | Peak     | 246.00         | 100         | Horizontal | Pass    |

U-NII-3 11n20 CH149



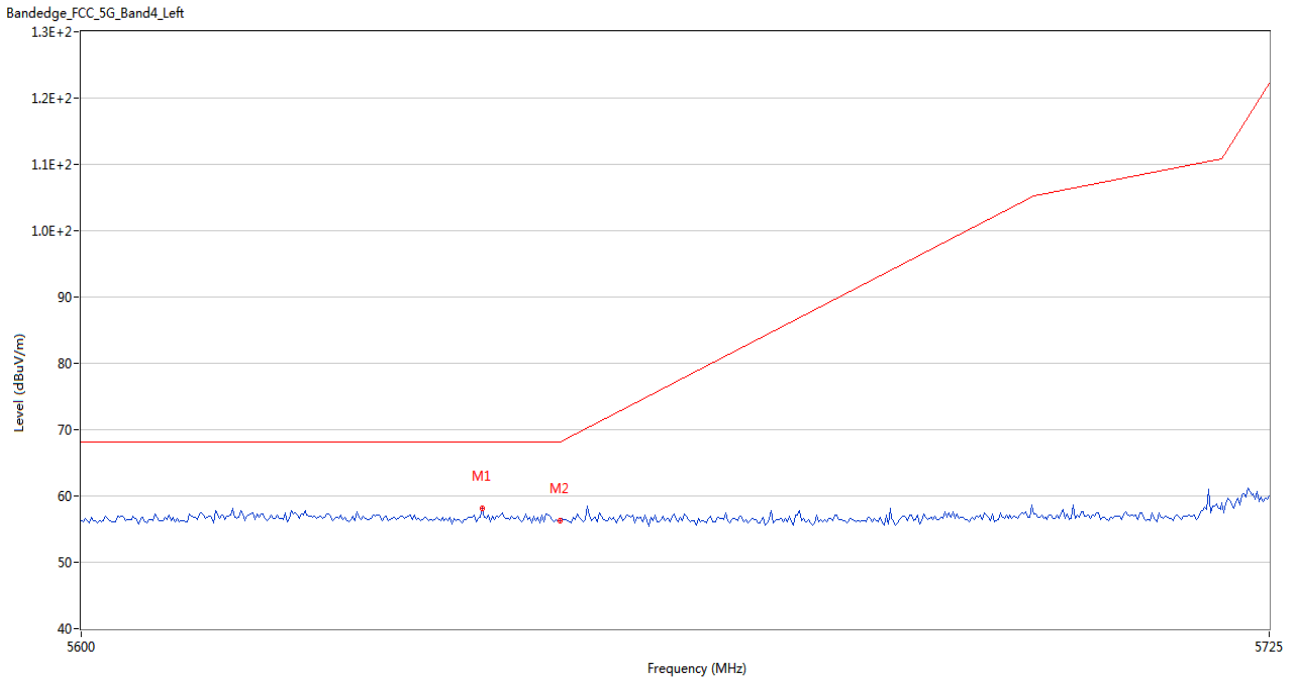
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5626.459        | 59.18            | 3.38        | 68.2           | -9.02           | Peak     | 135.00         | 100         | Horizontal | Pass    |
| 2   | 5650.000        | 56.52            | 3.60        | 68.2           | -11.68          | Peak     | 47.00          | 200         | Horizontal | Pass    |

U-NII-3 11n20 CH165



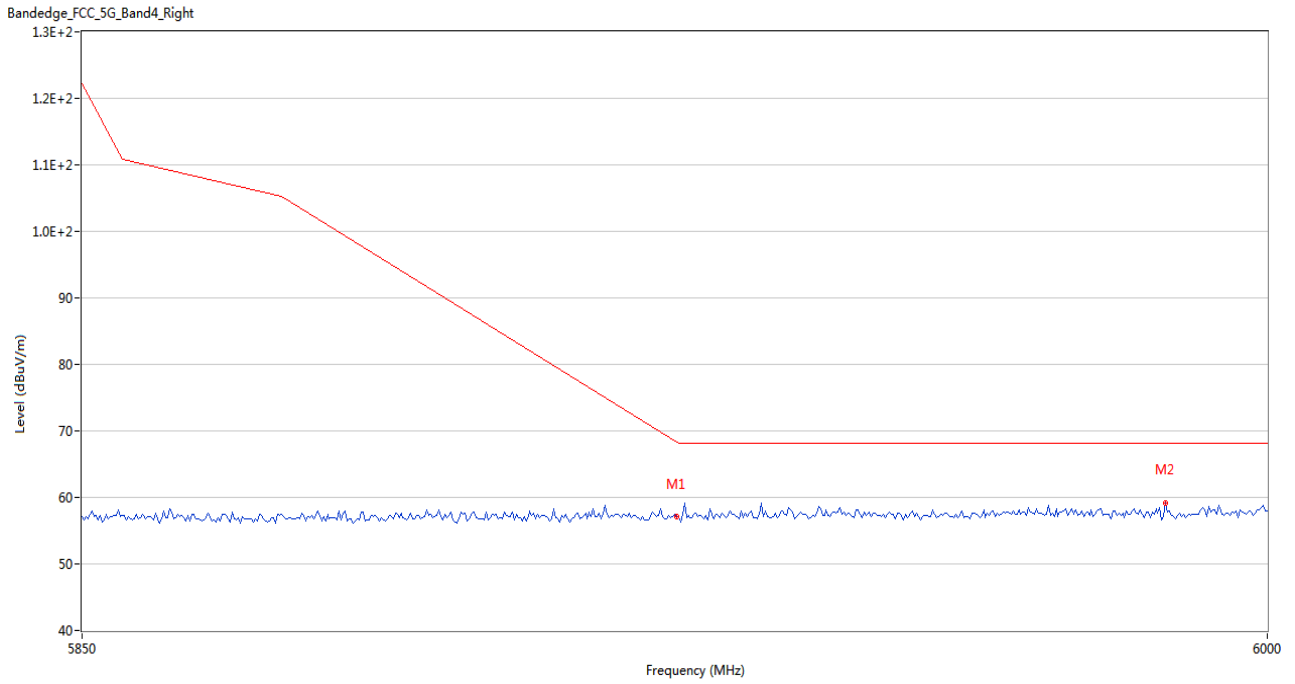
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 56.53            | 3.41        | 68.4           | -11.87          | Peak     | 72.00          | 200         | Horizontal | Pass    |
| 2   | 5987.000        | 59.07            | 4.28        | 68.2           | -9.13           | Peak     | 54.00          | 100         | Horizontal | Pass    |

U-NII-3 11n40 CH151



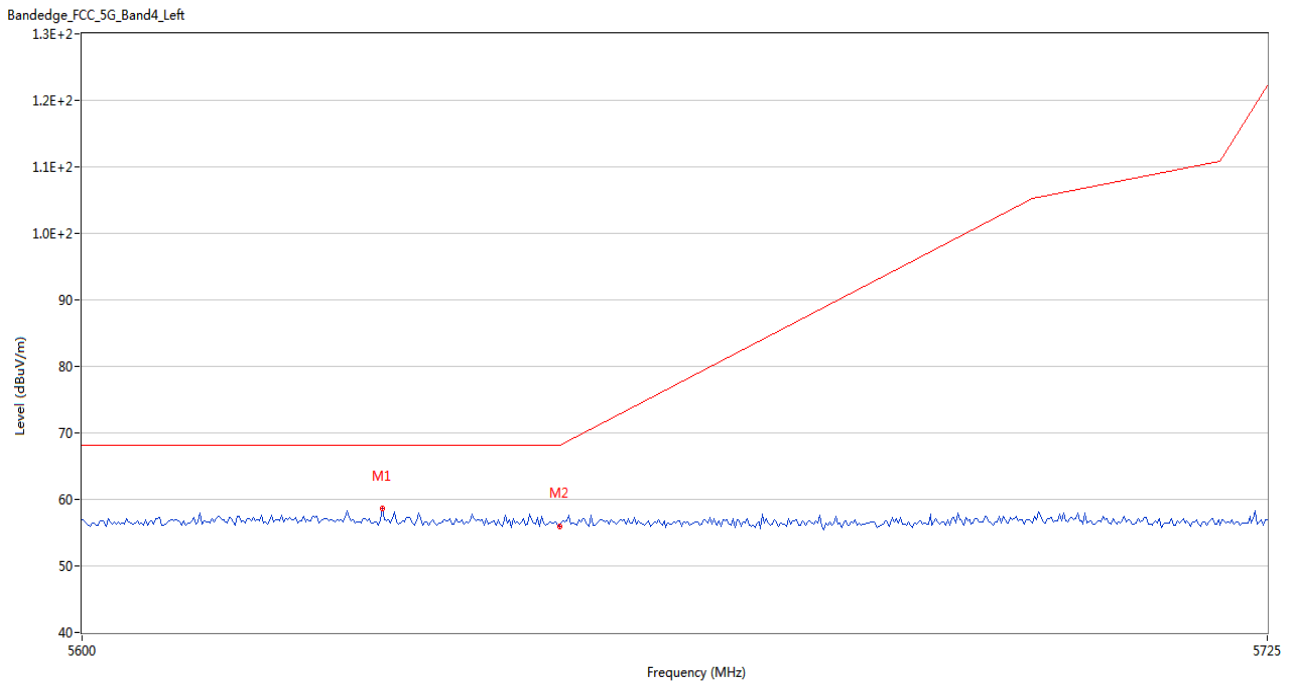
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5641.875        | 58.11            | 3.38        | 68.2           | -10.09          | Peak     | 94.00          | 100         | Horizontal | Pass    |
| 2   | 5650.000        | 56.22            | 3.60        | 68.2           | -11.98          | Peak     | 309.00         | 150         | Horizontal | Pass    |

U-NII-3 11n40 CH159



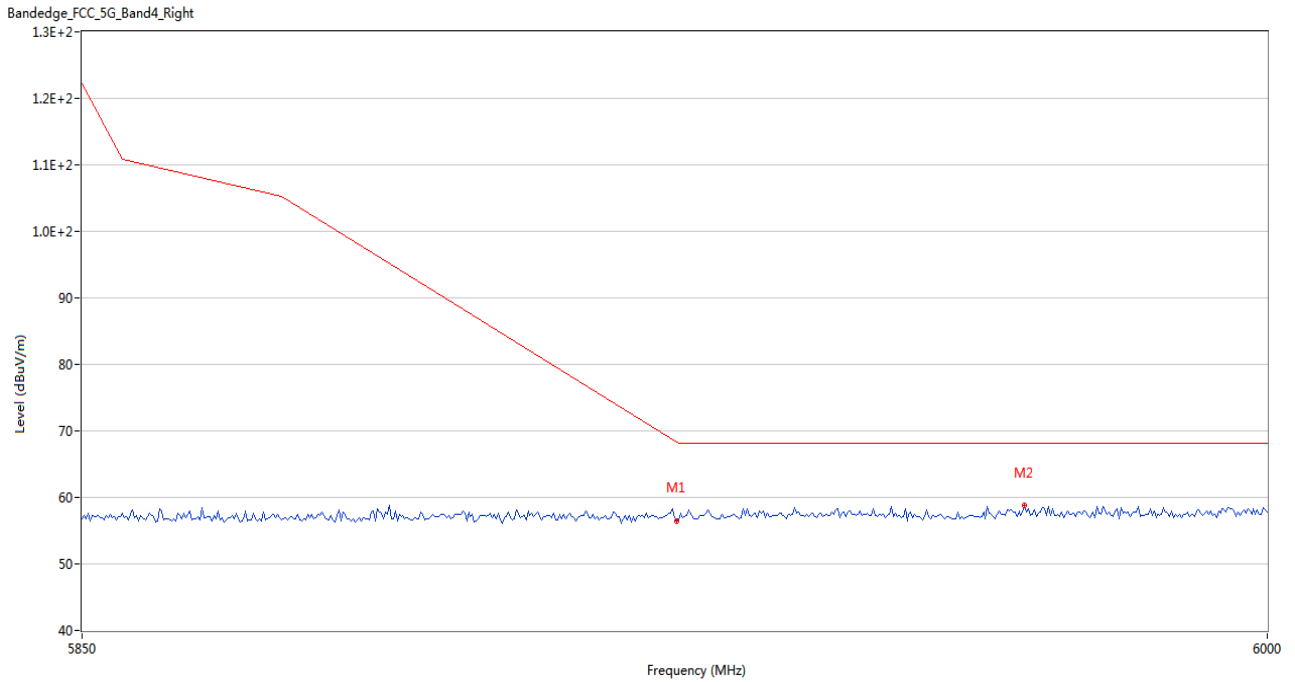
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 57.11            | 3.41        | 68.4           | -11.29          | Peak     | 357.00         | 150         | Horizontal | Pass    |
| 2   | 5987.000        | 59.23            | 4.28        | 68.2           | -8.97           | Peak     | 104.00         | 200         | 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   | 5631.458        | 58.63            | 3.45        | 68.2           | -9.57           | Peak     | 255.00         | 100         | Horizontal | Pass    |
| 2   | 5650.000        | 55.97            | 3.60        | 68.2           | -12.23          | Peak     | 325.00         | 100         | Horizontal | Pass    |

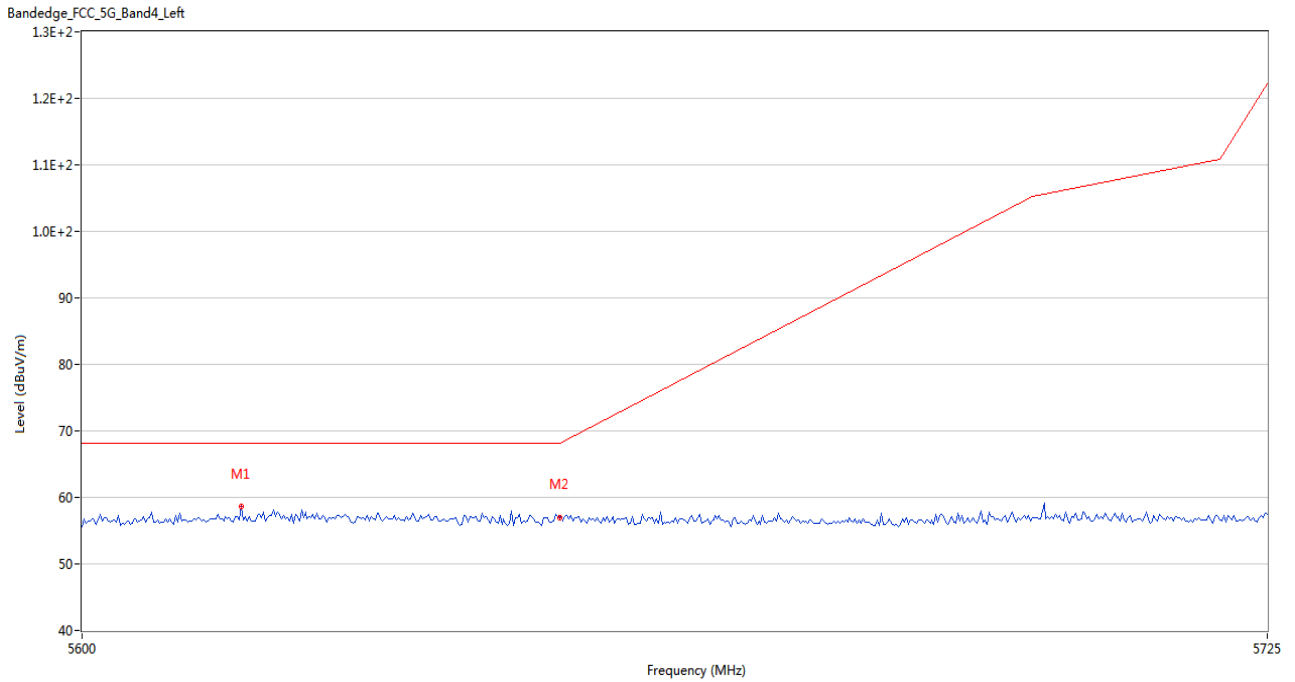
U-NII-3 11ac20 CH165



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 56.52            | 3.41        | 68.4           | -11.88          | Peak     | 130.00         | 100         | Horizontal | Pass    |
| 2   | 5969.000        | 58.80            | 4.93        | 68.2           | -9.40           | Peak     | 3.00           | 200         | Horizontal | Pass    |

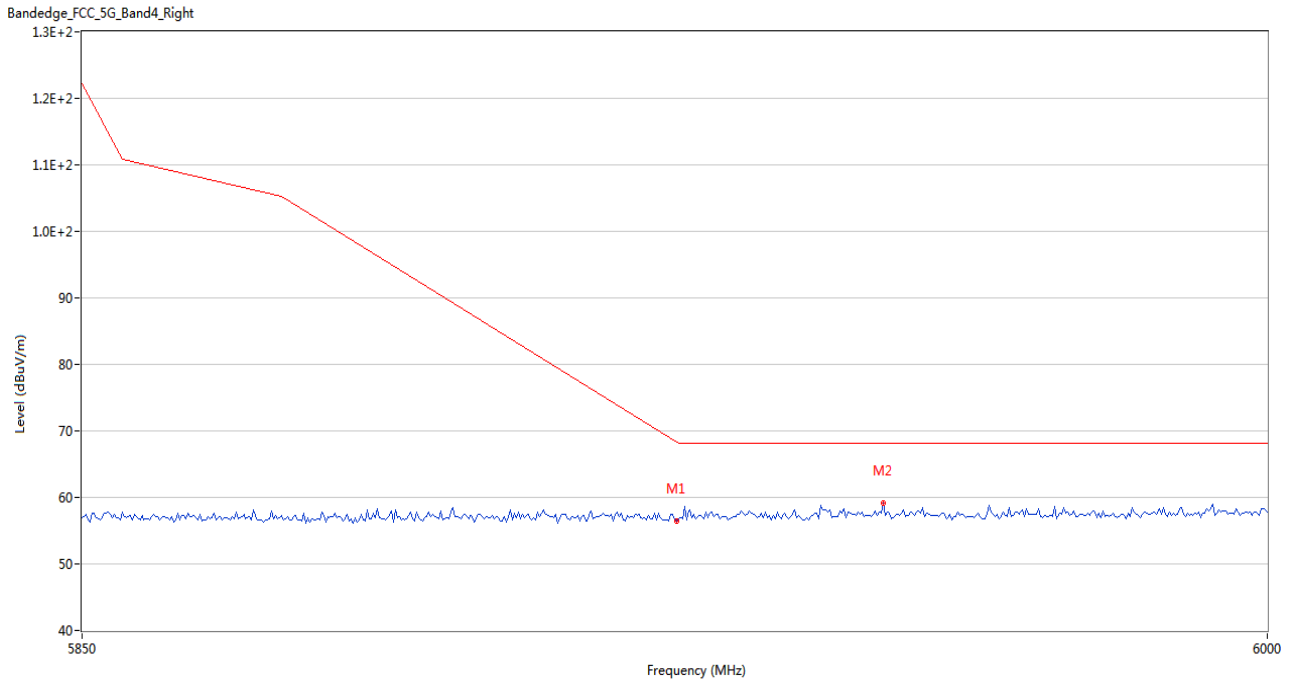


U-NII-3 11ac40 CH151



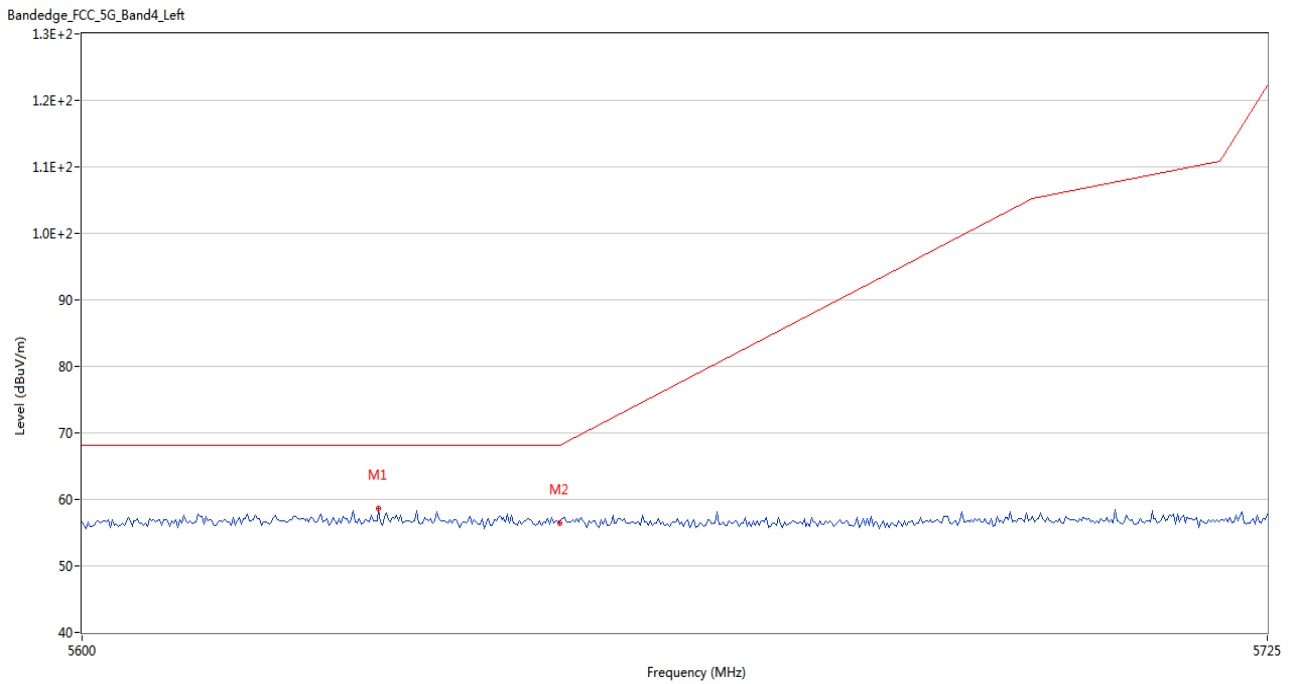
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5616.667        | 58.61            | 3.37        | 68.2           | -9.59           | Peak     | 124.00         | 150         | Horizontal | Pass    |
| 2   | 5650.000        | 57.02            | 3.60        | 68.2           | -11.18          | Peak     | 313.00         | 150         | Horizontal | Pass    |

U-NII-3 11ac40 CH159



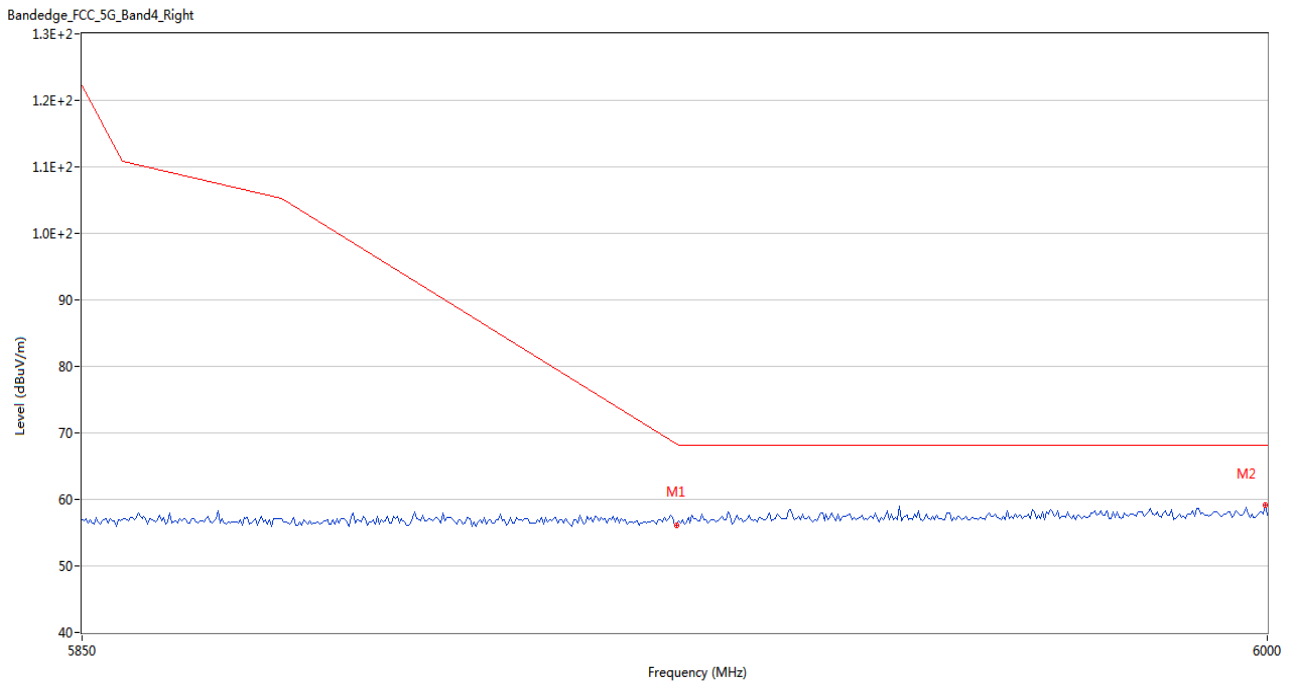
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 56.39            | 3.41        | 68.4           | -12.01          | Peak     | 144.00         | 200         | Horizontal | Pass    |
| 2   | 5951.000        | 59.09            | 4.66        | 68.2           | -9.11           | Peak     | 114.00         | 200         | 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   | 5631.042        | 58.69            | 3.45        | 68.2           | -9.51           | Peak     | 109.00         | 150         | Horizontal | Pass    |
| 2   | 5650.000        | 56.51            | 3.60        | 68.2           | -11.69          | Peak     | 311.00         | 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        | 56.18            | 3.41        | 68.4           | -12.22          | Peak     | 166.00         | 150         | Horizontal | Pass    |
| 2   | 5999.750        | 59.12            | 4.59        | 68.2           | -9.08           | Peak     | 253.00         | 100         | Horizontal | Pass    |

## **ANNEX B TEST SETUP PHOTOS**

Please refer the document “BL-SZ2280104-AR.PDF”.

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document “BL-SZ2280104-AW.PDF”.

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document “BL-SZ2280104-AI.PDF”.

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--END OF REPORT--