

# TEST REPORT

**Applicant:** vivo Mobile Communication Co., Ltd.  
**Address:** No.1, vivo Road, Chang'an, Dongguan, Guangdong, China  
**Equipment Type:** Mobile Phone  
**Model Name:** V2441  
**Brand Name:** vivo  
**FCC ID:** 2AUCY-V2441  
**Test Standard:** 47 CFR Part 15 Subpart E (refer to section 3.1)  
**Sample Arrival Date:** Jan. 07, 2025  
**Test Date:** Jan. 07, 2025 - Feb. 08, 2025  
**Date of Issue:** Feb. 11, 2025

**ISSUED BY:**

Shenzhen BALUN Technology Co., Ltd.

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**Revision History**

| Version        | Issue Date           | Revisions            |
|----------------|----------------------|----------------------|
| <u>Rev. 01</u> | <u>Feb. 11, 2025</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 | vivo Mobile Communication Co., Ltd.                   |
| Address   | No.1, vivo Road, Chang'an, Dongguan, Guangdong, China |

### 2.2 Manufacturer Information

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

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

|                                           |                     |
|-------------------------------------------|---------------------|
| EUT Name                                  | Mobile Phone        |
| Model Name Under Test                     | V2441               |
| Series Model Name                         | N/A                 |
| Description of Model name differentiation | N/A                 |
| Hardware Version                          | MP_0.1              |
| Software Version                          | N/A                 |
| Dimensions (Approx.)                      | 163.96*75.3*8.495mm |
| Weight (Approx.)                          | 193g                |
| EUT ID                                    | S01, S02            |
| IMEI Number                               | S01: 86101607997171 |
|                                           | S02: 86101607998633 |

## 2.4 Technical Information

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

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

|                                                               |                                                                                                                                                                              |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency Range                                               | U-NII-1: 5150 MHz to 5250 MHz,<br>U-NII-2A: 5250 MHz to 5350 MHz,<br>U-NII-2C: 5470 MHz to 5725 MHz,<br>U-NII-3: 5725 MHz to 5850 MHz                                        |
| Product Type                                                  | <input type="checkbox"/> Mobile<br><input checked="" type="checkbox"/> Portable<br><input type="checkbox"/> Fix Location                                                     |
| Modulation technology                                         | OFDM                                                                                                                                                                         |
| Modulation Type                                               | 256QAM, 64QAM, 16QAM, BPSK, QPSK                                                                                                                                             |
| Transfer Rate (Mbps)<br>(Single RF path)                      | 802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps<br>802.11n: up to 150 Mbps<br>802.11ac: up to VHT-MCS9                                                                            |
| Channel Bandwidth                                             | 802.11a: 20 MHz<br>802.11n: 20 MHz, 40 MHz<br>802.11ac: 20 MHz, 40 MHz, 80 MHz                                                                                               |
| Maximum Output Power                                          | U-NII-1: 84.92 mW<br>U-NII-2A: 75.86 mW<br>U-NII-2C: 86.30 mW<br>U-NII-3: 91.83 mW                                                                                           |
| Antenna System (eg.,<br>MIMO, Smart Antenna)                  | N/A                                                                                                                                                                          |
| Categorization as<br>Correlated or<br>Completely Uncorrelated | N/A                                                                                                                                                                          |
| Antenna Type                                                  | PIFA Antenna                                                                                                                                                                 |
| Antenna Gain                                                  | U-NII-1: 5150 MHz to 5250 MHz: -0.76 dBi<br>U-NII-2A: 5250 MHz to 5350 MHz: -1.63 dBi<br>U-NII-2C: 5470 MHz to 5725 MHz: 0.56 dBi<br>U-NII-3: 5725 MHz to 5850 MHz: 0.45 dBi |
| About the Product                                             | The equipment is Mobile Phone, intended for used with information technology equipment.                                                                                      |

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

## 2.5 Channel List

| 20 MHz         |                 | 40 MHz         |                 | 80 MHz         |                 |
|----------------|-----------------|----------------|-----------------|----------------|-----------------|
| Channel Number | Frequency (MHz) | Channel Number | Frequency (MHz) | Channel Number | Frequency (MHz) |
| <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>138</b>     | <b>5690</b>     |
| 56             | 5280            | 110            | 5550            | <b>155</b>     | <b>5775</b>     |
| <b>60</b>      | <b>5300</b>     | <b>118</b>     | <b>5590</b>     |                |                 |
| <b>64</b>      | <b>5320</b>     | 126            | 5630            |                |                 |
| <b>100</b>     | <b>5500</b>     | <b>134</b>     | <b>5670</b>     |                |                 |
| 104            | 5520            | <b>142</b>     | <b>5710</b>     |                |                 |
| 108            | 5540            | <b>151</b>     | <b>5755</b>     |                |                 |
| 112            | 5560            | <b>159</b>     | <b>5795</b>     |                |                 |
| <b>116</b>     | <b>5580</b>     |                |                 |                |                 |
| 120            | 5600            |                |                 |                |                 |
| 124            | 5620            |                |                 |                |                 |
| 128            | 5640            |                |                 |                |                 |
| 132            | 5660            |                |                 |                |                 |
| 136            | 5680            |                |                 |                |                 |
| <b>140</b>     | <b>5700</b>     |                |                 |                |                 |
| <b>144</b>     | <b>5720</b>     |                |                 |                |                 |
| <b>149</b>     | <b>5745</b>     |                |                 |                |                 |
| 153            | 5765            |                |                 |                |                 |
| <b>157</b>     | <b>5785</b>     |                |                 |                |                 |
| 161            | 5805            |                |                 |                |                 |
| <b>165</b>     | <b>5825</b>     |                |                 |                |                 |

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

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

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

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

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

### 3 SUMMARY OF TEST RESULTS

#### 3.1 Test Standards

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

#### 3.2 Test Verdict

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

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

Note <sup>2</sup>: Under all normal operating conditions specified in the user manual, frequency stability can keep radiation within the operating frequency band.

## 4 GENERAL TEST CONFIGURATIONS

### 4.1 Test Environments

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

|                            |                         |                    |
|----------------------------|-------------------------|--------------------|
| Relative Humidity          | 39% to 54%              |                    |
| Atmospheric Pressure       | 100 kPa to 102 kPa      |                    |
| Temperature                | NT (Normal Temperature) | +19.4°C to +24.1°C |
| Working Voltage of the EUT | NV (Normal Voltage)     | 3.91 V             |

### 4.2 Test Equipment List

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

### 4.3 Test Software List

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

## 4.4 Measurement Uncertainty

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

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

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

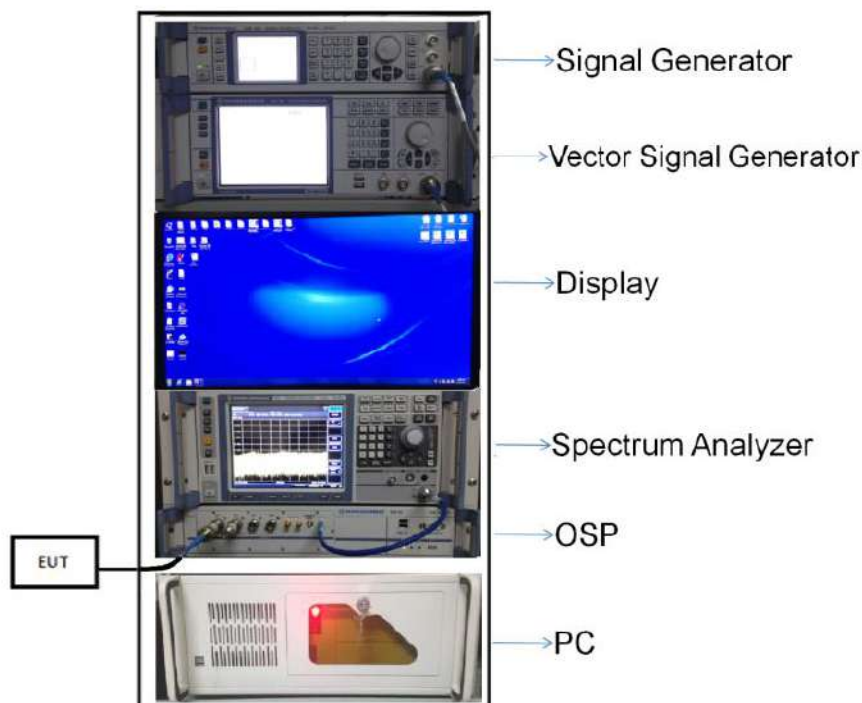
## 4.5 Description of Test Setup

### 4.5.1 For Antenna Port Test

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

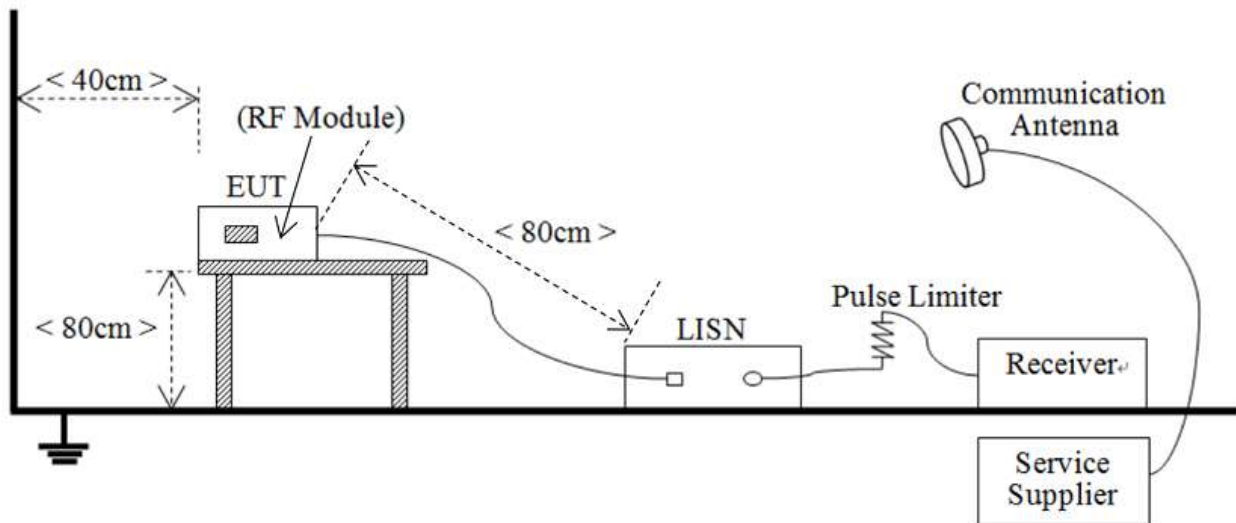
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



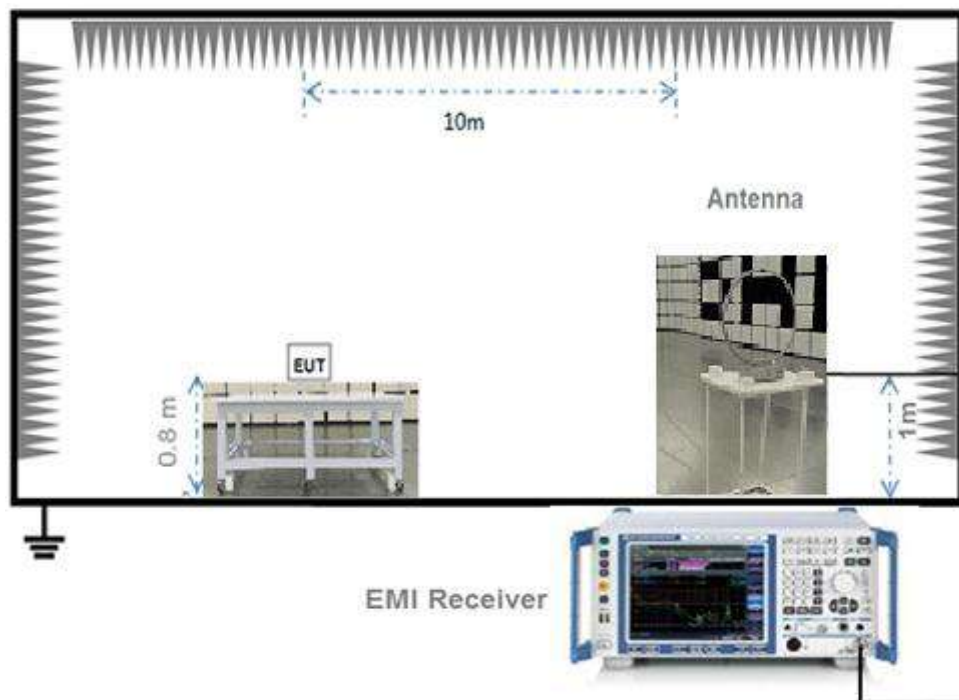
(Diagram 1)

#### 4.5.2 For AC Power Supply Port Test



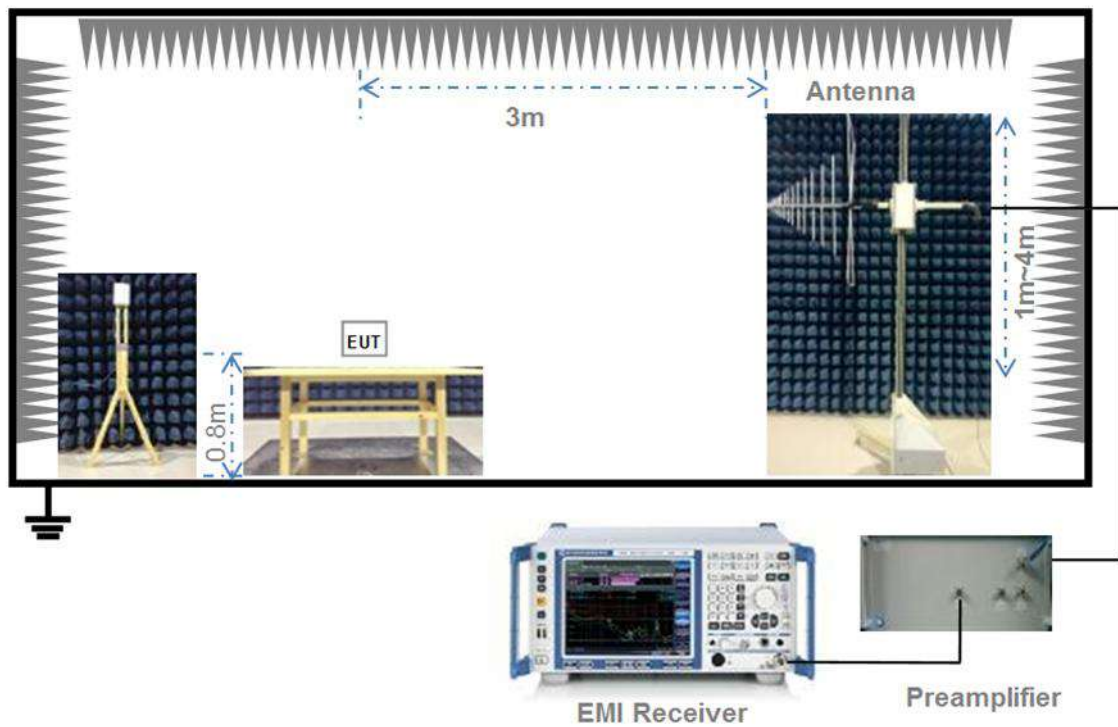
(Diagram 2)

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



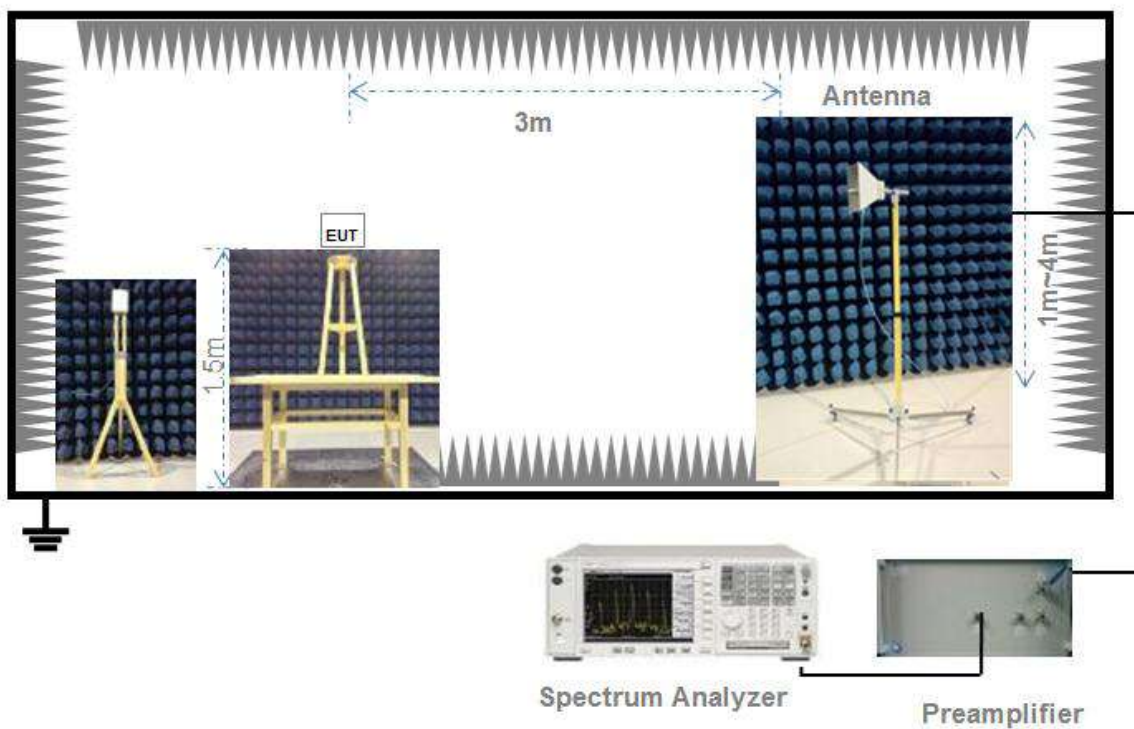
(Diagram 3)

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



(Diagram 4)

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



(Diagram 5)

## 5 TEST ITEMS

### 5.1 RF Output Power

#### 5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

#### 5.1.2 Test Setup

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

#### 5.1.3 Test Procedure

##### Maximum conducted (average) output power

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

- 1) The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
- 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
- 3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

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

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

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

##### Measurements of duty cycle

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

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

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

Set VBW  $\geq$  RBW. Set detector = peak or average.

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

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

#### 5.1.4 Test Result

Please refer to ANNEX A.1.

## 5.2 Emission Bandwidth and 6 dB Bandwidth

### 5.2.1 Limit

#### FCC §15.407(a)

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

### 5.2.2 Test Setup

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

### 5.2.3 Test Procedure

#### Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set VBW  $\geq 3 \times$  RBW,
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

#### Occupied Bandwidth

1. Set Span = 1.5 times to 5.0 times the OBW
2. Set RBW = 1% to 5% of the OBW.
3. Set VBW  $\geq 3 \times$  RBW, Detector = Peak.
4. Trace mode = Max hold.
5. Use the 99% power bandwidth function of the instrument.

#### 6 dB bandwidth

1. Set RBW = 100 kHz, VBW = 300 kHz.
2. Detector = Peak. Trace mode = Max hold.
3. Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

### 5.2.4 Test Result

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

## 5.3 Power Spectral density (PSD)

### 5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

### 5.3.2 Test Setup

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

### 5.3.3 Test Procedure

Set the spectrum analyzer or EMI receiver span to view the entire emission bandwidth.

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

### 5.3.4 Test Result

Please refer to ANNEX A.4.

## 5.4 Conducted Emission

### 5.4.1 Limit

#### FCC §15.207

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

| Frequency range<br>(MHz) | Conducted Limit (dB $\mu$ V) |          |
|--------------------------|------------------------------|----------|
|                          | Quai-peak                    | Average  |
| 0.15 - 0.50              | 66 to 56                     | 56 to 46 |
| 0.50 - 5                 | 56                           | 46       |
| 0.50 - 30                | 60                           | 50       |

### 5.4.2 Test Setup

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

### 5.4.3 Test Procedure

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

### 5.4.4 Test Result

Please refer to ANNEX A.5.

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

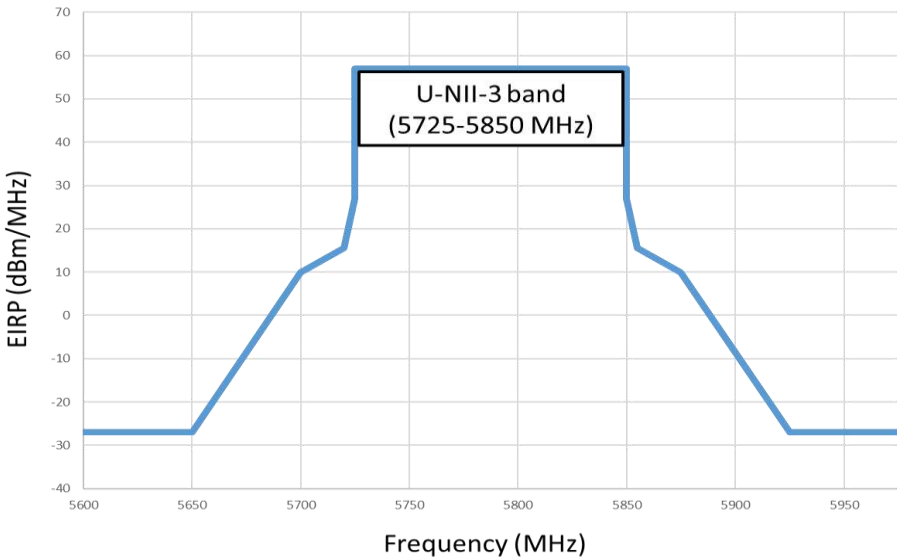
### 5.5.1 Limit

FCC §15.209 & 15.407(b)

| Frequency (MHz) | Field Strength ( $\mu\text{V/m}$ ) | Measurement Distance (m) |
|-----------------|------------------------------------|--------------------------|
| 0.009 - 0.490   | 2400/F(kHz)                        | 300                      |
| 0.490 - 1.705   | 24000/F(kHz)                       | 30                       |
| 1.705 - 30.0    | 30                                 | 30                       |
| 30 - 88         | 100                                | 3                        |
| 88 - 216        | 150                                | 3                        |
| 216 - 960       | 200                                | 3                        |
| Above 960       | 500                                | 3                        |

Note <sup>1</sup>: The Limit for radiated test was performed according to FCC Part 15C

Note <sup>2</sup>: The tighter limit applies at the band edge.

| Un-restricted band emissions |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Out Operating Band (MHz)     | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 5150 - 5250                  | e.i.r.p. -27 dBm (68.2 dBuV/m@3m)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 5250 - 5350                  | e.i.r.p. -27 dBm (68.2 dBuV/m@3m)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 5470 - 5725                  | e.i.r.p. -27 dBm (68.2 dBuV/m@3m)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 5725 - 5850                  | <p>All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.</p>  |

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

### 5.5.2 Test Setup

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

### 5.5.3 Test Procedure

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

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

#### General Procedure for conducted measurements in restricted bands

- a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- b) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies  $\leq 30$  MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies  $> 1000$  MHz).
- c) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).
- d) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

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

where:

E = electric field strength in dB $\mu$ V/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

- e) Compare the resultant electric field strength level to the applicable limit.
- f) Perform radiated spurious emission test.

#### Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

#### Peak power measurement procedure

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

- a) RBW = as specified in Table 1.
- b) VBW  $\geq 3 \times$  RBW.
- c) Detector = Peak.
- d) Sweep time = auto.
- e) Trace mode = max hold.
- f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

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

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

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

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

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle,  $x$ , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW  $\geq 3 \times$  RBW.
- e) Detector = RMS, if  $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$ . Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
  - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
  - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.

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

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

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

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

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

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

#### Determining the applicable transmit antenna gain

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

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

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

#### Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for  $f \geq 1$  GHz, 100 kHz for  $f < 1$  GHz

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

#### 5.5.4 Test Result

Please refer to ANNEX A.6.

## ANNEX A TEST RESULT

### A.1 RF Output Power

Note <sup>1</sup>: 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 |
|------------|--------------|------------------|------------|
| 802.11a    | 2.196        | 2.234            | 98.30%     |
| 802.11n20  | 2.047        | 2.085            | 98.18%     |
| 802.11n40  | 1.003        | 1.040            | 96.44%     |
| 802.11ac20 | 2.057        | 2.095            | 98.19%     |
| 802.11ac40 | 1.012        | 1.048            | 96.56%     |
| 802.11ac80 | 0.488        | 0.525            | 92.97%     |

#### Test Data

#### Conducted Power

| U-NII-1 (5150 - 5250 MHz) |         |                       |                      |                |         |
|---------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                      | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                       | CH36    | 16.62                 | 45.92                | 250            | Pass    |
| 11a                       | CH44    | 19.29                 | 84.92                | 250            | Pass    |
| 11a                       | CH48    | 19.15                 | 82.22                | 250            | Pass    |
| 11n (HT20)                | CH36    | 18.77                 | 75.34                | 250            | Pass    |
| 11n (HT20)                | CH44    | 18.73                 | 74.64                | 250            | Pass    |
| 11n (HT20)                | CH48    | 18.69                 | 73.96                | 250            | Pass    |
| 11n (HT40)                | CH38    | 12.67                 | 18.49                | 250            | Pass    |
| 11n (HT40)                | CH46    | 18.54                 | 71.45                | 250            | Pass    |
| 11ac (VHT20)              | CH36    | 18.39                 | 69.02                | 250            | Pass    |
| 11ac (VHT20)              | CH44    | 18.29                 | 67.45                | 250            | Pass    |
| 11ac (VHT20)              | CH48    | 18.23                 | 66.53                | 250            | Pass    |
| 11ac (VHT40)              | CH38    | 12.88                 | 19.41                | 250            | Pass    |
| 11ac (VHT40)              | CH46    | 18.07                 | 64.12                | 250            | Pass    |
| 11ac (VHT80)              | CH42    | 11.88                 | 15.42                | 250            | Pass    |

| U-NII-2A (5250 - 5350 MHz) |         |                       |                      |                |         |
|----------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                       | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                        | CH52    | 16.35                 | 43.15                | 250            | Pass    |
| 11a                        | CH60    | 16.43                 | 43.95                | 250            | Pass    |
| 11a                        | CH64    | 16.46                 | 44.26                | 250            | Pass    |
| 11n (HT20)                 | CH52    | 18.80                 | 75.86                | 250            | Pass    |
| 11n (HT20)                 | CH60    | 18.76                 | 75.16                | 250            | Pass    |
| 11n (HT20)                 | CH64    | 16.21                 | 41.78                | 250            | Pass    |
| 11n (HT40)                 | CH54    | 18.56                 | 71.78                | 250            | Pass    |
| 11n (HT40)                 | CH62    | 11.87                 | 15.38                | 250            | Pass    |
| 11ac (VHT20)               | CH52    | 16.13                 | 41.02                | 250            | Pass    |
| 11ac (VHT20)               | CH60    | 16.31                 | 42.76                | 250            | Pass    |
| 11ac (VHT20)               | CH64    | 16.22                 | 41.88                | 250            | Pass    |
| 11ac (VHT40)               | CH54    | 11.74                 | 14.93                | 250            | Pass    |
| 11ac (VHT40)               | CH62    | 11.88                 | 15.42                | 250            | Pass    |
| 11ac (VHT80)               | CH58    | 9.43                  | 8.77                 | 250            | Pass    |

| U-NII-2C (5470 - 5725 MHz) |         |                       |                      |                |         |
|----------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                       | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                        | CH100   | 17.61                 | 57.68                | 250            | Pass    |
| 11a                        | CH116   | 19.36                 | 86.30                | 250            | Pass    |
| 11a                        | CH140   | 17.86                 | 61.09                | 250            | Pass    |
| 11n (HT20)                 | CH100   | 16.99                 | 50.00                | 250            | Pass    |
| 11n (HT20)                 | CH116   | 19.21                 | 83.37                | 250            | Pass    |
| 11n (HT20)                 | CH140   | 14.89                 | 30.83                | 250            | Pass    |
| 11n (HT40)                 | CH102   | 12.86                 | 19.32                | 250            | Pass    |
| 11n (HT40)                 | CH118   | 18.86                 | 76.91                | 250            | Pass    |
| 11n (HT40)                 | CH134   | 18.81                 | 76.03                | 250            | Pass    |
| 11ac (VHT20)               | CH100   | 17.49                 | 56.10                | 250            | Pass    |
| 11ac (VHT20)               | CH116   | 18.80                 | 75.86                | 250            | Pass    |
| 11ac (VHT20)               | CH140   | 14.92                 | 31.05                | 250            | Pass    |
| 11ac (VHT40)               | CH102   | 12.93                 | 19.63                | 250            | Pass    |
| 11ac (VHT40)               | CH118   | 18.63                 | 72.95                | 250            | Pass    |
| 11ac (VHT40)               | CH134   | 18.57                 | 71.94                | 250            | Pass    |
| 11ac (VHT80)               | CH106   | 10.48                 | 11.17                | 250            | Pass    |
| 11ac (VHT80)               | CH122   | 17.79                 | 60.12                | 250            | Pass    |

| U-NII-3 (5725 - 5850 MHz) |         |                       |                      |                |         |
|---------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                      | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                       | CH149   | 19.63                 | 91.83                | 1000           | Pass    |
| 11a                       | CH157   | 19.56                 | 90.36                | 1000           | Pass    |
| 11a                       | CH165   | 19.29                 | 84.92                | 1000           | Pass    |
| 11n (HT20)                | CH149   | 19.06                 | 80.54                | 1000           | Pass    |
| 11n (HT20)                | CH157   | 19.01                 | 79.62                | 1000           | Pass    |
| 11n (HT20)                | CH165   | 18.80                 | 75.86                | 1000           | Pass    |
| 11n (HT40)                | CH151   | 18.66                 | 73.45                | 1000           | Pass    |
| 11n (HT40)                | CH159   | 18.62                 | 72.78                | 1000           | Pass    |
| 11ac (VHT20)              | CH149   | 18.65                 | 73.28                | 1000           | Pass    |
| 11ac (VHT20)              | CH157   | 18.64                 | 73.11                | 1000           | Pass    |
| 11ac (VHT20)              | CH165   | 18.51                 | 70.96                | 1000           | Pass    |
| 11ac (VHT40)              | CH151   | 18.36                 | 68.55                | 1000           | Pass    |
| 11ac (VHT40)              | CH159   | 18.31                 | 67.76                | 1000           | Pass    |
| 11ac (VHT80)              | CH155   | 17.63                 | 57.94                | 1000           | Pass    |

| U-NII-2C straddle channel |         |                       |                      |                |         |
|---------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                      | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                       | CH144   | 18.72                 | 74.47                | 225            | Pass    |
| 11n (HT20)                | CH144   | 18.03                 | 63.53                | 205            | Pass    |
| 11n (HT40)                | CH142   | 18.45                 | 69.98                | 250            | Pass    |
| 11ac (VHT20)              | CH144   | 17.61                 | 57.68                | 205            | Pass    |
| 11ac (VHT40)              | CH142   | 18.05                 | 63.83                | 250            | Pass    |
| 11ac (VHT80)              | CH138   | 17.61                 | 57.68                | 250            | Pass    |

| U-NII-3 straddle channel |         |                       |                      |                |         |
|--------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                     | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                      | CH144   | 18.72                 | 74.47                | 1000           | Pass    |
| 11n (HT20)               | CH144   | 18.03                 | 63.53                | 1000           | Pass    |
| 11n (HT40)               | CH142   | 18.45                 | 69.98                | 1000           | Pass    |
| 11ac (VHT20)             | CH144   | 17.61                 | 57.68                | 1000           | Pass    |
| 11ac (VHT40)             | CH142   | 18.05                 | 63.83                | 1000           | Pass    |
| 11ac (VHT80)             | CH138   | 17.61                 | 57.68                | 1000           | Pass    |

## A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2510222-604 Data Part 1.pdf".

### Test Data

| U-NII-1 (5150 - 5250 MHz) |         |                       |                     |
|---------------------------|---------|-----------------------|---------------------|
| Mode                      | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                       | CH36    | 22.91                 | 16.65               |
| 11a                       | CH44    | 23.00                 | 16.67               |
| 11a                       | CH48    | 23.00                 | 16.64               |
| 11n (HT20)                | CH36    | 24.13                 | 17.79               |
| 11n (HT20)                | CH44    | 24.13                 | 17.79               |
| 11n (HT20)                | CH48    | 23.87                 | 17.79               |
| 11n (HT40)                | CH38    | 41.85                 | 36.28               |
| 11n (HT40)                | CH46    | 41.75                 | 36.24               |
| 11ac (VHT20)              | CH36    | 24.41                 | 17.77               |
| 11ac (VHT20)              | CH44    | 24.06                 | 17.79               |
| 11ac (HVT20)              | CH48    | 23.57                 | 17.79               |
| 11ac (VHT40)              | CH38    | 41.60                 | 36.27               |
| 11ac (VHT40)              | CH46    | 41.65                 | 36.26               |
| 11ac (VHT80)              | CH42    | 83.15                 | 75.83               |

| U-NII-2A (5250 - 5350 MHz) |         |                       |                     |
|----------------------------|---------|-----------------------|---------------------|
| Mode                       | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                        | CH52    | 23.13                 | 16.64               |
| 11a                        | CH60    | 23.01                 | 16.65               |
| 11a                        | CH64    | 22.94                 | 16.64               |
| 11n (HT20)                 | CH52    | 24.07                 | 17.79               |
| 11n (HT20)                 | CH60    | 23.83                 | 17.77               |
| 11n (HT20)                 | CH64    | 23.75                 | 17.76               |
| 11n (HT40)                 | CH54    | 41.71                 | 36.29               |
| 11n (HT40)                 | CH62    | 41.95                 | 36.27               |
| 11ac (VHT20)               | CH52    | 23.91                 | 17.79               |
| 11ac (VHT20)               | CH60    | 23.59                 | 17.78               |
| 11ac (VHT20)               | CH64    | 23.55                 | 17.76               |
| 11ac (VHT40)               | CH54    | 41.56                 | 36.24               |
| 11ac (VHT40)               | CH62    | 41.46                 | 36.25               |
| 11ac (VHT80)               | CH58    | 82.57                 | 75.83               |

| U-NII-2C (5470 - 5725 MHz) |         |                       |                     |
|----------------------------|---------|-----------------------|---------------------|
| Mode                       | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                        | CH100   | 23.11                 | 16.62               |
| 11a                        | CH116   | 22.77                 | 16.63               |
| 11a                        | CH140   | 22.50                 | 16.59               |
| 11n (HT20)                 | CH100   | 23.79                 | 17.77               |
| 11n (HT20)                 | CH116   | 22.90                 | 17.75               |
| 11n (HT20)                 | CH140   | 23.60                 | 17.74               |
| 11n (HT40)                 | CH102   | 41.94                 | 36.23               |
| 11n (HT40)                 | CH118   | 46.52                 | 36.31               |
| 11n (HT40)                 | CH134   | 50.71                 | 36.32               |
| 11ac (VHT20)               | CH100   | 23.17                 | 17.76               |
| 11ac (VHT20)               | CH116   | 23.41                 | 17.76               |
| 11ac (VHT20)               | CH140   | 22.65                 | 17.74               |
| 11ac (VHT40)               | CH102   | 41.56                 | 36.22               |
| 11ac (VHT40)               | CH118   | 41.72                 | 36.28               |
| 11ac (VHT40)               | CH134   | 42.22                 | 36.28               |
| 11ac (VHT80)               | CH106   | 82.67                 | 75.92               |
| 11ac (VHT80)               | CH122   | 103.50                | 76.05               |

| U-NII-3 (5725 - 5850 MHz) |         |                       |                     |
|---------------------------|---------|-----------------------|---------------------|
| Mode                      | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                       | CH149   | 25.14                 | 16.65               |
| 11a                       | CH157   | 25.21                 | 16.70               |
| 11a                       | CH165   | 26.71                 | 16.74               |
| 11n (HT20)                | CH149   | 22.68                 | 17.76               |
| 11n (HT20)                | CH157   | 23.31                 | 17.80               |
| 11n (HT20)                | CH165   | 23.54                 | 17.79               |
| 11n (HT40)                | CH151   | 51.02                 | 36.34               |
| 11n (HT40)                | CH159   | 51.14                 | 36.33               |
| 11ac (VHT20)              | CH149   | 22.75                 | 17.74               |
| 11ac (VHT20)              | CH157   | 22.94                 | 17.76               |
| 11ac (VHT20)              | CH165   | 23.50                 | 17.78               |
| 11ac (VHT40)              | CH151   | 44.56                 | 36.33               |
| 11ac (VHT40)              | CH159   | 43.07                 | 36.34               |
| 11ac (VHT80)              | CH155   | 112.40                | 76.16               |

| U-NII-2C straddle channel |         |                       |                     |
|---------------------------|---------|-----------------------|---------------------|
| Mode                      | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                       | CH144   | 17.84                 | 13.36               |
| 11n (HT20)                | CH144   | 16.27                 | 13.90               |
| 11n (HT40)                | CH142   | 43.74                 | 33.23               |
| 11ac (VHT20)              | CH144   | 16.28                 | 13.89               |
| 11ac (VHT40)              | CH142   | 38.63                 | 33.20               |
| 11ac (VHT80)              | CH138   | 106.39                | 73.16               |

| U-NII-3 straddle channel |         |                       |                     |
|--------------------------|---------|-----------------------|---------------------|
| Mode                     | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                      | CH144   | 6.43                  | 3.28                |
| 11n (HT20)               | CH144   | 6.57                  | 3.85                |
| 11n (HT40)               | CH142   | 6.13                  | 3.13                |
| 11ac (VHT20)             | CH144   | 6.54                  | 3.84                |
| 11ac (VHT40)             | CH142   | 5.90                  | 3.10                |
| 11ac (VHT80)             | CH138   | 6.48                  | 2.92                |

### A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2510222-604 Data Part 2.pdf”.

#### Test Data

| U-NII-3 (5725 - 5850 MHz) |         |                      |             |         |
|---------------------------|---------|----------------------|-------------|---------|
| Mode                      | Channel | 6 dB Bandwidth (MHz) | Limit (kHz) | Verdict |
| 11a                       | CH149   | 15.90                | 500.00      | Pass    |
| 11a                       | CH157   | 15.25                | 500.00      | Pass    |
| 11a                       | CH165   | 15.25                | 500.00      | Pass    |
| 11n (HT20)                | CH149   | 15.25                | 500.00      | Pass    |
| 11n (HT20)                | CH157   | 15.20                | 500.00      | Pass    |
| 11n (HT20)                | CH165   | 15.25                | 500.00      | Pass    |
| 11n (HT40)                | CH151   | 36.05                | 500.00      | Pass    |
| 11n (HT40)                | CH159   | 36.15                | 500.00      | Pass    |
| 11ac (VHT20)              | CH149   | 16.60                | 500.00      | Pass    |
| 11ac (VHT20)              | CH157   | 15.25                | 500.00      | Pass    |
| 11ac (VHT20)              | CH165   | 15.20                | 500.00      | Pass    |
| 11ac (VHT40)              | CH151   | 36.20                | 500.00      | Pass    |
| 11ac (VHT40)              | CH159   | 36.00                | 500.00      | Pass    |
| 11ac (VHT80)              | CH155   | 75.55                | 500.00      | Pass    |

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

## A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ2510222-604 Data Part 3.pdf”.

### Test Data

| U-NII-1 (5150 - 5250 MHz) |         |               |                 |         |
|---------------------------|---------|---------------|-----------------|---------|
| Mode                      | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                       | CH36    | 5.68          | 11.00           | Pass    |
| 11a                       | CH44    | 8.33          | 11.00           | Pass    |
| 11a                       | CH48    | 8.22          | 11.00           | Pass    |
| 11n (HT20)                | CH36    | 7.63          | 11.00           | Pass    |
| 11n (HT20)                | CH44    | 7.57          | 11.00           | Pass    |
| 11n (HT20)                | CH48    | 7.60          | 11.00           | Pass    |
| 11n (HT40)                | CH38    | -1.42         | 11.00           | Pass    |
| 11n (HT40)                | CH46    | 4.51          | 11.00           | Pass    |
| 11ac (VHT20)              | CH36    | 7.29          | 11.00           | Pass    |
| 11ac (VHT20)              | CH44    | 7.19          | 11.00           | Pass    |
| 11ac (VHT20)              | CH48    | 7.12          | 11.00           | Pass    |
| 11ac (VHT40)              | CH38    | -1.23         | 11.00           | Pass    |
| 11ac (VHT40)              | CH46    | 4.04          | 11.00           | Pass    |
| 11ac (VHT80)              | CH42    | -5.35         | 11.00           | Pass    |

| U-NII-2A (5250 - 5350 MHz) |         |               |                 |         |
|----------------------------|---------|---------------|-----------------|---------|
| Mode                       | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                        | CH52    | 5.39          | 11.00           | Pass    |
| 11a                        | CH60    | 5.47          | 11.00           | Pass    |
| 11a                        | CH64    | 5.56          | 11.00           | Pass    |
| 11n (HT20)                 | CH52    | 7.56          | 11.00           | Pass    |
| 11n (HT20)                 | CH60    | 7.61          | 11.00           | Pass    |
| 11n (HT20)                 | CH64    | 5.08          | 11.00           | Pass    |
| 11n (HT40)                 | CH54    | 4.32          | 11.00           | Pass    |
| 11n (HT40)                 | CH62    | -2.24         | 11.00           | Pass    |
| 11ac (VHT20)               | CH52    | 4.88          | 11.00           | Pass    |
| 11ac (VHT20)               | CH60    | 5.10          | 11.00           | Pass    |
| 11ac (VHT20)               | CH64    | 5.06          | 11.00           | Pass    |
| 11ac (VHT40)               | CH54    | -2.44         | 11.00           | Pass    |
| 11ac (VHT40)               | CH62    | -2.24         | 11.00           | Pass    |
| 11ac (VHT80)               | CH58    | -7.88         | 11.00           | Pass    |

| U-NII-2C (5470 - 5725 MHz) |         |               |                 |         |
|----------------------------|---------|---------------|-----------------|---------|
| Mode                       | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                        | CH100   | 6.85          | 11.00           | Pass    |
| 11a                        | CH116   | 8.50          | 11.00           | Pass    |
| 11a                        | CH140   | 6.82          | 11.00           | Pass    |
| 11n (HT20)                 | CH100   | 5.91          | 11.00           | Pass    |
| 11n (HT20)                 | CH116   | 8.08          | 11.00           | Pass    |
| 11n (HT20)                 | CH140   | 3.81          | 11.00           | Pass    |
| 11n (HT40)                 | CH102   | -1.18         | 11.00           | Pass    |
| 11n (HT40)                 | CH118   | 4.75          | 11.00           | Pass    |
| 11n (HT40)                 | CH134   | 4.62          | 11.00           | Pass    |
| 11ac (VHT20)               | CH100   | 6.41          | 11.00           | Pass    |
| 11ac (VHT20)               | CH116   | 7.74          | 11.00           | Pass    |
| 11ac (VHT20)               | CH140   | 3.82          | 11.00           | Pass    |
| 11ac (VHT40)               | CH102   | -1.04         | 11.00           | Pass    |
| 11ac (VHT40)               | CH118   | 4.54          | 11.00           | Pass    |
| 11ac (VHT40)               | CH134   | 4.30          | 11.00           | Pass    |
| 11ac (VHT80)               | CH106   | -6.75         | 11.00           | Pass    |
| 11ac (VHT80)               | CH122   | 0.54          | 11.00           | Pass    |

| U-NII-3 (5725 - 5850 MHz) |         |                  |                    |         |
|---------------------------|---------|------------------|--------------------|---------|
| Mode                      | Channel | PSD (dBm/500kHz) | Limit (dBm/500kHz) | Verdict |
| 11a                       | CH149   | 5.87             | 30.00              | Pass    |
| 11a                       | CH157   | 5.78             | 30.00              | Pass    |
| 11a                       | CH165   | 5.76             | 30.00              | Pass    |
| 11n (HT20)                | CH149   | 5.01             | 30.00              | Pass    |
| 11n (HT20)                | CH157   | 5.05             | 30.00              | Pass    |
| 11n (HT20)                | CH165   | 4.94             | 30.00              | Pass    |
| 11n (HT40)                | CH151   | 1.75             | 30.00              | Pass    |
| 11n (HT40)                | CH159   | 1.77             | 30.00              | Pass    |
| 11ac (VHT20)              | CH149   | 4.64             | 30.00              | Pass    |
| 11ac (VHT20)              | CH157   | 4.67             | 30.00              | Pass    |
| 11ac (VHT20)              | CH165   | 4.68             | 30.00              | Pass    |
| 11ac (VHT40)              | CH151   | 1.39             | 30.00              | Pass    |
| 11ac (VHT40)              | CH159   | 1.47             | 30.00              | Pass    |
| 11ac (VHT80)              | CH155   | -2.48            | 30.00              | Pass    |

| U-NII-2C straddle channel |         |               |                 |         |
|---------------------------|---------|---------------|-----------------|---------|
| Mode                      | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                       | CH144   | 8.54          | 11.00           | Pass    |
| 11n (HT20)                | CH144   | 7.76          | 11.00           | Pass    |
| 11n (HT40)                | CH142   | 4.53          | 11.00           | Pass    |
| 11ac (VHT20)              | CH144   | 7.36          | 11.00           | Pass    |
| 11ac (VHT40)              | CH142   | 4.19          | 11.00           | Pass    |
| 11ac (VHT80)              | CH138   | 0.27          | 11.00           | Pass    |

| U-NII-3 straddle channel |         |                  |                    |         |
|--------------------------|---------|------------------|--------------------|---------|
| Mode                     | Channel | PSD (dBm/500kHz) | Limit (dBm/500kHz) | Verdict |
| 11a                      | CH144   | 5.35             | 30.00              | Pass    |
| 11n (HT20)               | CH144   | 4.61             | 30.00              | Pass    |
| 11n (HT40)               | CH142   | 1.31             | 30.00              | Pass    |
| 11ac (VHT20)             | CH144   | 4.16             | 30.00              | Pass    |
| 11ac (VHT40)             | CH142   | 0.85             | 30.00              | Pass    |
| 11ac (VHT80)             | CH138   | -2.95            | 30.00              | Pass    |

## A.5 Conducted Emissions

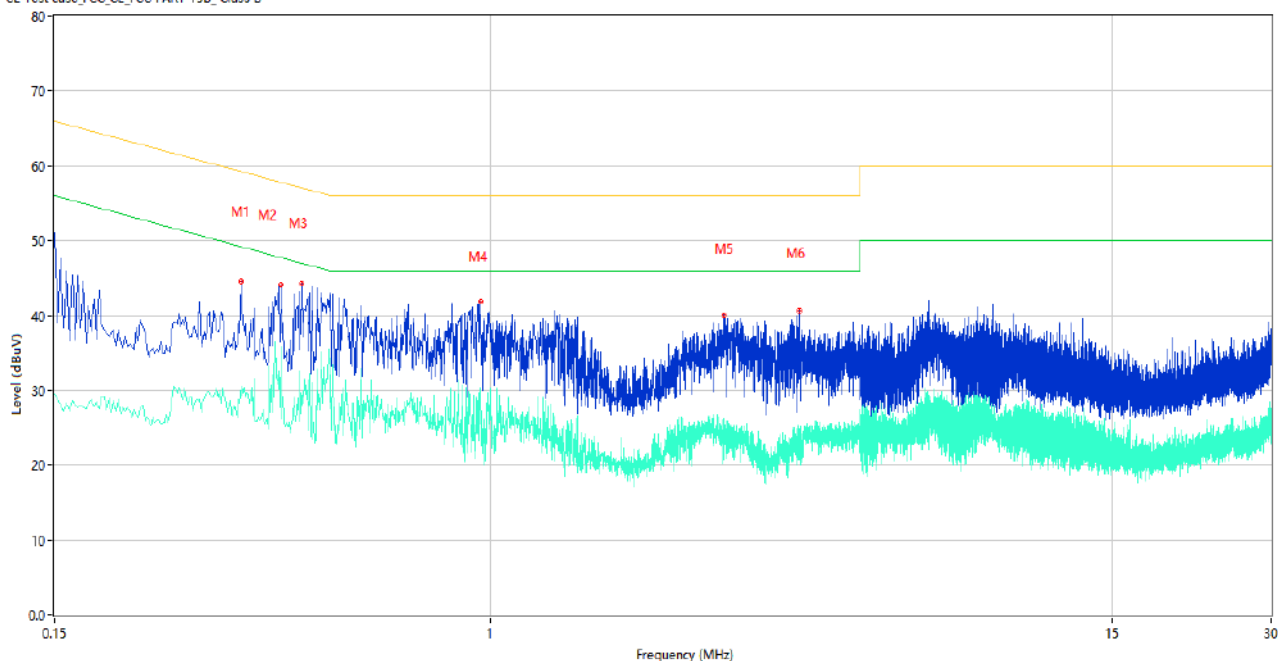
Note <sup>1</sup>: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

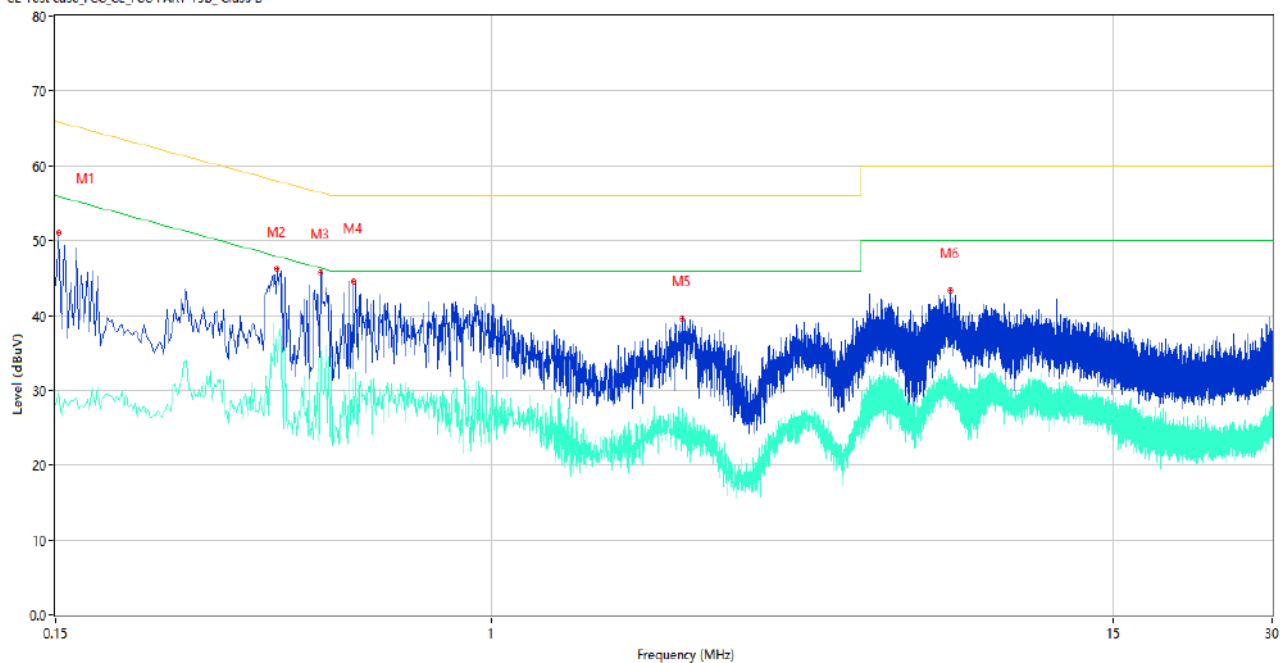
CE Test case\_FCC\_CE\_FCC PART 15B\_Class B



| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Margin (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-------------|----------|------|---------|
| 1   | 0.338           | 44.57          | 9.97        | 59.25        | 14.68       | Peak     | L    | Pass    |
| 1** | 0.338           | 30.60          | 9.97        | 49.25        | 18.65       | AV       | L    | Pass    |
| 2   | 0.402           | 44.11          | 10.62       | 57.81        | 13.70       | Peak     | L    | Pass    |
| 2** | 0.402           | 35.89          | 10.62       | 47.81        | 11.92       | AV       | L    | Pass    |
| 3   | 0.440           | 44.35          | 10.57       | 57.06        | 12.71       | Peak     | L    | Pass    |
| 3** | 0.440           | 28.74          | 10.57       | 47.06        | 18.32       | AV       | L    | Pass    |
| 4   | 0.958           | 41.89          | 10.91       | 56.00        | 14.11       | Peak     | L    | Pass    |
| 4** | 0.958           | 30.24          | 10.91       | 46.00        | 15.76       | AV       | L    | Pass    |
| 5   | 2.770           | 40.14          | 10.50       | 56.00        | 15.86       | Peak     | L    | Pass    |
| 5** | 2.770           | 24.72          | 10.50       | 46.00        | 21.28       | AV       | L    | Pass    |
| 6   | 3.846           | 40.72          | 10.78       | 56.00        | 15.28       | Peak     | L    | Pass    |
| 6** | 3.846           | 22.56          | 10.78       | 46.00        | 23.44       | AV       | L    | Pass    |

## PHASE N

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



| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Margin (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-------------|----------|------|---------|
| 1   | 0.152           | 51.12          | 10.12       | 65.89        | 14.77       | Peak     | N    | Pass    |
| 1** | 0.152           | 29.80          | 10.12       | 55.89        | 26.09       | AV       | N    | Pass    |
| 2   | 0.394           | 46.22          | 10.54       | 57.98        | 11.76       | Peak     | N    | Pass    |
| 2** | 0.394           | 33.82          | 10.54       | 47.98        | 14.16       | AV       | N    | Pass    |
| 3   | 0.476           | 45.86          | 10.42       | 56.41        | 10.55       | Peak     | N    | Pass    |
| 3** | 0.476           | 35.28          | 10.42       | 46.41        | 11.13       | AV       | N    | Pass    |
| 4   | 0.550           | 44.52          | 10.45       | 56.00        | 11.48       | Peak     | N    | Pass    |
| 4** | 0.550           | 31.64          | 10.45       | 46.00        | 14.36       | AV       | N    | Pass    |
| 5   | 2.294           | 39.61          | 10.75       | 56.00        | 16.39       | Peak     | N    | Pass    |
| 5** | 2.294           | 25.29          | 10.75       | 46.00        | 20.71       | AV       | N    | Pass    |
| 6   | 7.378           | 43.40          | 11.67       | 60.00        | 16.60       | Peak     | N    | Pass    |
| 6** | 7.378           | 30.17          | 11.67       | 50.00        | 19.83       | AV       | N    | Pass    |

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

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

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

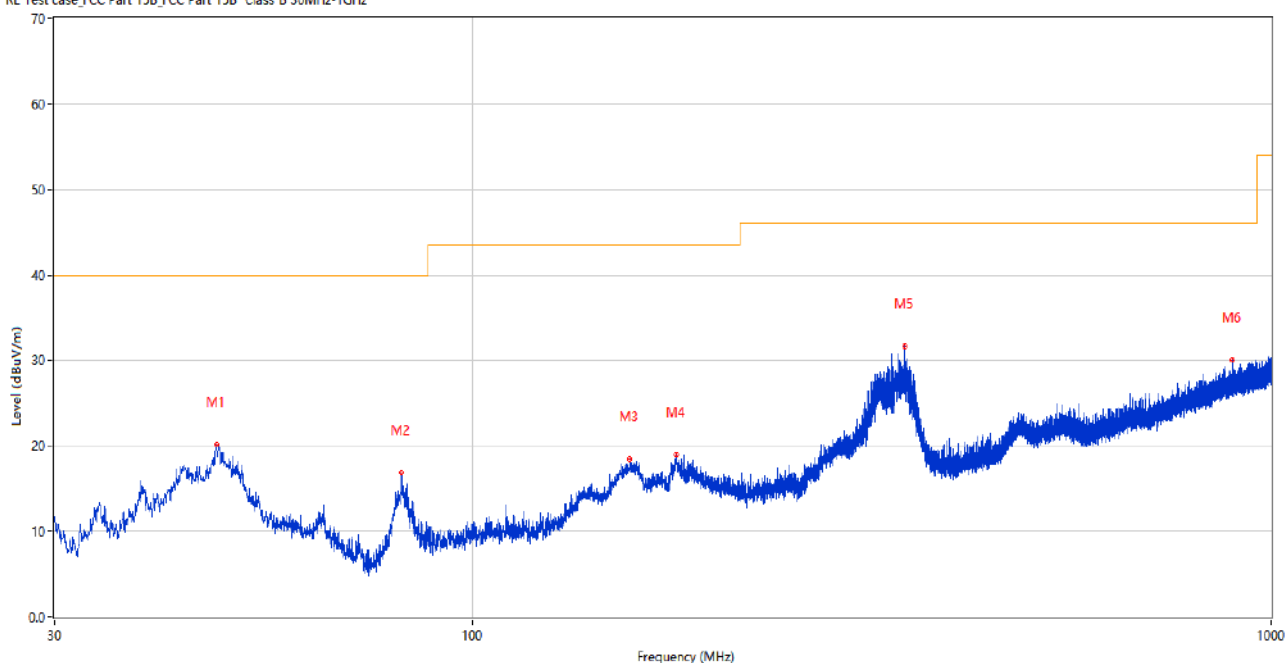
Note<sup>3</sup>: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

### Test Data and Plots

#### 30 MHz to 1 GHz, ANT H

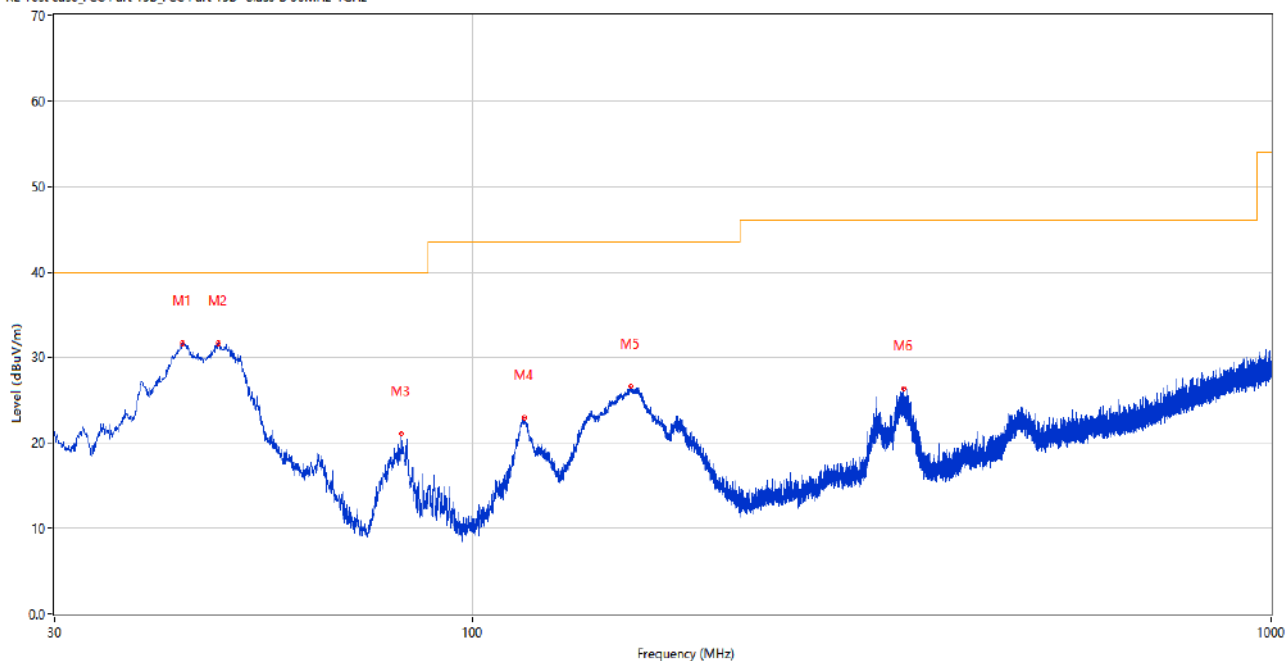
RE Test case FCC Part 15B, FCC Part 15B Class B 30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 47.848          | 20.18            | -24.86      | 40.0           | 19.82       | Peak     | 217.00         | 100         | Horizontal | Pass    |
| 2   | 81.555          | 16.87            | -30.62      | 40.0           | 23.13       | Peak     | 148.00         | 200         | Horizontal | Pass    |
| 3   | 157.410         | 18.46            | -29.71      | 43.5           | 25.04       | Peak     | 199.00         | 100         | Horizontal | Pass    |
| 4   | 179.962         | 19.02            | -28.22      | 43.5           | 24.48       | Peak     | 201.00         | 100         | Horizontal | Pass    |
| 5   | 347.675         | 31.59            | -21.97      | 46.0           | 14.41       | Peak     | 60.00          | 100         | Horizontal | Pass    |
| 6   | 893.446         | 30.12            | -9.98       | 46.0           | 15.88       | Peak     | 335.00         | 200         | 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) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 43.434          | 31.59            | -25.26      | 40.0           | 8.41        | Peak     | 283.00         | 100         | Vertical | Pass    |
| 2   | 48.090          | 31.58            | -25.00      | 40.0           | 8.42        | Peak     | 234.00         | 100         | Vertical | Pass    |
| 3   | 81.410          | 21.09            | -30.79      | 40.0           | 18.91       | Peak     | 25.00          | 100         | Vertical | Pass    |
| 4   | 116.088         | 22.99            | -27.64      | 43.5           | 20.51       | Peak     | 260.00         | 100         | Vertical | Pass    |
| 5   | 157.700         | 26.69            | -29.70      | 43.5           | 16.81       | Peak     | 213.00         | 100         | Vertical | Pass    |
| 6   | 346.414         | 26.43            | -21.96      | 46.0           | 19.57       | Peak     | 266.00         | 100         | Vertical | Pass    |

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

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1333.100        | 40.53            | -17.63      | 74.0           | 33.47       | Peak     | 218.00         | 100         | Horizontal | Pass    |
| 1** | 1333.100        | 29.74            | -17.63      | 54.0           | 24.26       | AV       | 218.00         | 100         | Horizontal | Pass    |
| 2   | 2862.900        | 45.04            | -10.20      | 74.0           | 28.96       | Peak     | 267.00         | 300         | Horizontal | Pass    |
| 2** | 2862.900        | 35.86            | -10.20      | 54.0           | 18.14       | AV       | 267.00         | 300         | Horizontal | Pass    |
| 3   | 4260.400        | 49.07            | -4.39       | 74.0           | 24.93       | Peak     | 289.00         | 100         | Horizontal | Pass    |
| 3** | 4260.400        | 40.11            | -4.39       | 54.0           | 13.89       | AV       | 289.00         | 100         | Horizontal | Pass    |
| 4   | 5181.200        | 108.28           | -3.12       | --             | --          | Peak     | 41.00          | 300         | Horizontal | N/A     |
| 4** | 5181.200        | 101.59           | -3.12       | --             | --          | AV       | 41.00          | 300         | Horizontal | N/A     |
| 5   | 6907.000        | 54.38            | -0.51       | 68.2           | 13.82       | Peak     | 2.00           | 200         | Horizontal | Pass    |
| 5** | 6907.000        | 49.73            | -0.51       | --             | --          | AV       | 2.00           | 200         | Horizontal | N/A     |
| 6   | 12198.575       | 51.23            | 2.42        | 74.0           | 22.77       | Peak     | 49.00          | 300         | Horizontal | Pass    |
| 6** | 12198.575       | 41.61            | 2.42        | 54.0           | 12.39       | AV       | 49.00          | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1332.100        | 40.12            | -17.61      | 74.0           | 33.88       | Peak     | 271.00         | 400         | Vertical | Pass    |
| 1** | 1332.100        | 29.51            | -17.61      | 54.0           | 24.49       | AV       | 271.00         | 400         | Vertical | Pass    |
| 2   | 2755.200        | 44.79            | -10.59      | 74.0           | 29.21       | Peak     | 51.00          | 200         | Vertical | Pass    |
| 2** | 2755.200        | 34.42            | -10.59      | 54.0           | 19.58       | AV       | 51.00          | 200         | Vertical | Pass    |
| 3   | 4281.800        | 49.45            | -4.56       | 74.0           | 24.55       | Peak     | 23.00          | 100         | Vertical | Pass    |
| 3** | 4281.800        | 39.35            | -4.56       | 54.0           | 14.65       | AV       | 23.00          | 100         | Vertical | Pass    |
| 4   | 5181.600        | 98.89            | -3.15       | --             | --          | Peak     | 344.00         | 100         | Vertical | N/A     |
| 4** | 5181.600        | 92.08            | -3.15       | --             | --          | AV       | 344.00         | 100         | Vertical | N/A     |
| 5   | 6906.800        | 54.55            | -0.50       | 68.2           | 13.65       | Peak     | 127.00         | 300         | Vertical | Pass    |
| 5** | 6906.800        | 49.85            | -0.50       | --             | --          | AV       | 127.00         | 300         | Vertical | N/A     |
| 6   | 12242.275       | 51.50            | 2.49        | 74.0           | 22.50       | Peak     | 124.00         | 200         | Vertical | Pass    |
| 6** | 12242.275       | 42.05            | 2.49        | 54.0           | 11.95       | AV       | 124.00         | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1331.300        | 43.43            | -17.58      | 74.0           | 30.57       | Peak     | 26.00          | 300         | Horizontal | Pass    |
| 1** | 1331.300        | 35.46            | -17.58      | 54.0           | 18.54       | AV       | 26.00          | 300         | Horizontal | Pass    |
| 2   | 2750.900        | 44.65            | -10.35      | 74.0           | 29.35       | Peak     | 357.00         | 400         | Horizontal | Pass    |
| 2** | 2750.900        | 35.91            | -10.35      | 54.0           | 18.09       | AV       | 357.00         | 400         | Horizontal | Pass    |
| 3   | 4183.800        | 48.86            | -4.84       | 74.0           | 25.14       | Peak     | 358.00         | 100         | Horizontal | Pass    |
| 3** | 4183.800        | 39.36            | -4.84       | 54.0           | 14.64       | AV       | 358.00         | 100         | Horizontal | Pass    |
| 4   | 5221.400        | 109.91           | -3.33       | --             | --          | Peak     | 45.00          | 300         | Horizontal | N/A     |
| 4** | 5221.400        | 103.20           | -3.33       | --             | --          | AV       | 45.00          | 300         | Horizontal | N/A     |
| 5   | 6960.200        | 54.83            | -0.50       | 68.2           | 13.37       | Peak     | 45.00          | 300         | Horizontal | Pass    |
| 5** | 6960.200        | 50.19            | -0.50       | --             | --          | AV       | 45.00          | 300         | Horizontal | N/A     |
| 6   | 12232.500       | 51.13            | 2.43        | 74.0           | 22.87       | Peak     | 214.00         | 100         | Horizontal | Pass    |
| 6** | 12232.500       | 42.55            | 2.43        | 54.0           | 11.45       | AV       | 214.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1328.100        | 42.96            | -17.41      | 74.0           | 31.04       | Peak     | 60.00          | 200         | Vertical | Pass    |
| 1** | 1328.100        | 32.70            | -17.41      | 54.0           | 21.30       | AV       | 60.00          | 200         | Vertical | Pass    |
| 2   | 2751.600        | 44.52            | -10.38      | 74.0           | 29.48       | Peak     | 22.00          | 300         | Vertical | Pass    |
| 2** | 2751.600        | 34.93            | -10.38      | 54.0           | 19.07       | AV       | 22.00          | 300         | Vertical | Pass    |
| 3   | 4296.000        | 49.05            | -4.51       | 74.0           | 24.95       | Peak     | 305.00         | 200         | Vertical | Pass    |
| 3** | 4296.000        | 40.27            | -4.51       | 54.0           | 13.73       | AV       | 305.00         | 200         | Vertical | Pass    |
| 4   | 5221.000        | 101.26           | -3.33       | --             | --          | Peak     | 134.00         | 400         | Vertical | N/A     |
| 4** | 5221.000        | 94.81            | -3.33       | --             | --          | AV       | 134.00         | 400         | Vertical | N/A     |
| 5   | 6960.200        | 53.60            | -0.50       | 68.2           | 14.60       | Peak     | 258.00         | 200         | Vertical | Pass    |
| 5** | 6960.200        | 48.02            | -0.50       | --             | --          | AV       | 258.00         | 200         | Vertical | N/A     |
| 6   | 12193.401       | 51.36            | 2.45        | 74.0           | 22.64       | Peak     | 360.00         | 400         | Vertical | Pass    |
| 6** | 12193.401       | 41.36            | 2.45        | 54.0           | 12.64       | AV       | 360.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.000        | 40.66            | -17.52      | 74.0           | 33.34       | Peak     | 180.00         | 100         | Horizontal | Pass    |
| 1** | 1330.000        | 29.82            | -17.52      | 54.0           | 24.18       | AV       | 180.00         | 100         | Horizontal | Pass    |
| 2   | 2858.300        | 44.92            | -10.23      | 74.0           | 29.08       | Peak     | 267.00         | 100         | Horizontal | Pass    |
| 2** | 2858.300        | 34.67            | -10.23      | 54.0           | 19.33       | AV       | 267.00         | 100         | Horizontal | Pass    |
| 3   | 4275.600        | 48.54            | -4.55       | 74.0           | 25.46       | Peak     | 358.00         | 150         | Horizontal | Pass    |
| 3** | 4275.600        | 40.26            | -4.55       | 54.0           | 13.74       | AV       | 358.00         | 150         | Horizontal | Pass    |
| 4   | 5241.200        | 109.42           | -3.51       | --             | --          | Peak     | 42.00          | 300         | Horizontal | N/A     |
| 4** | 5241.200        | 101.74           | -3.51       | --             | --          | AV       | 42.00          | 300         | Horizontal | N/A     |
| 5   | 6986.600        | 54.23            | -0.38       | 68.2           | 13.97       | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 5** | 6986.600        | 50.05            | -0.38       | --             | --          | AV       | 0.00           | 150         | Horizontal | N/A     |
| 6   | 12134.175       | 51.44            | 1.89        | 74.0           | 22.56       | Peak     | 135.00         | 300         | Horizontal | Pass    |
| 6** | 12134.175       | 41.76            | 1.89        | 54.0           | 12.24       | AV       | 135.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1330.400        | 43.22            | -17.55      | 74.0           | 30.78       | Peak     | 133.00         | 100         | Vertical | Pass    |
| 1** | 1330.400        | 29.26            | -17.55      | 54.0           | 24.74       | AV       | 133.00         | 100         | Vertical | Pass    |
| 2   | 2835.600        | 44.75            | -10.34      | 74.0           | 29.25       | Peak     | 241.00         | 100         | Vertical | Pass    |
| 2** | 2835.600        | 35.46            | -10.34      | 54.0           | 18.54       | AV       | 241.00         | 100         | Vertical | Pass    |
| 3   | 4301.800        | 48.48            | -4.61       | 74.0           | 25.52       | Peak     | 359.00         | 150         | Vertical | Pass    |
| 3** | 4301.800        | 39.50            | -4.61       | 54.0           | 14.50       | AV       | 359.00         | 150         | Vertical | Pass    |
| 4   | 5243.600        | 101.54           | -3.60       | --             | --          | Peak     | 172.00         | 100         | Vertical | N/A     |
| 4** | 5243.600        | 93.84            | -3.60       | --             | --          | AV       | 172.00         | 100         | Vertical | N/A     |
| 5   | 6986.800        | 53.22            | -0.38       | 68.2           | 14.98       | Peak     | 251.00         | 100         | Vertical | Pass    |
| 5** | 6986.800        | 49.66            | -0.38       | --             | --          | AV       | 251.00         | 100         | Vertical | N/A     |
| 6   | 12212.088       | 51.52            | 2.39        | 74.0           | 22.48       | Peak     | 167.00         | 400         | Vertical | Pass    |
| 6** | 12212.088       | 42.10            | 2.39        | 54.0           | 11.90       | AV       | 167.00         | 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) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1329.300        | 41.64            | -17.48      | 74.0           | 32.36       | Peak     | 217.00         | 100         | Horizontal | Pass    |
| 1** | 1329.300        | 31.44            | -17.48      | 54.0           | 22.56       | AV       | 217.00         | 100         | Horizontal | Pass    |
| 2   | 2821.900        | 44.68            | -10.28      | 74.0           | 29.32       | Peak     | 158.00         | 300         | Horizontal | Pass    |
| 2** | 2821.900        | 35.30            | -10.28      | 54.0           | 18.70       | AV       | 158.00         | 300         | Horizontal | Pass    |
| 3   | 4276.600        | 48.91            | -4.53       | 74.0           | 25.09       | Peak     | 310.00         | 200         | Horizontal | Pass    |
| 3** | 4276.600        | 39.55            | -4.53       | 54.0           | 14.45       | AV       | 310.00         | 200         | Horizontal | Pass    |
| 4   | 5180.600        | 108.50           | -3.10       | --             | --          | Peak     | 42.00          | 100         | Horizontal | N/A     |
| 4** | 5180.600        | 101.23           | -3.10       | --             | --          | AV       | 42.00          | 100         | Horizontal | N/A     |
| 5   | 6906.800        | 53.70            | -0.50       | 68.2           | 14.50       | Peak     | 160.00         | 400         | Horizontal | Pass    |
| 5** | 6906.800        | 49.35            | -0.50       | --             | --          | AV       | 160.00         | 400         | Horizontal | N/A     |
| 6   | 12226.175       | 51.44            | 2.42        | 74.0           | 22.56       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 6** | 12226.175       | 42.08            | 2.42        | 54.0           | 11.92       | AV       | 360.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1329.300        | 45.12            | -17.48      | 74.0           | 28.88       | Peak     | 217.00         | 400         | Vertical | Pass    |
| 1** | 1329.300        | 37.24            | -17.48      | 54.0           | 16.76       | AV       | 217.00         | 400         | Vertical | Pass    |
| 2   | 2838.000        | 44.28            | -10.37      | 74.0           | 29.72       | Peak     | 298.00         | 200         | Vertical | Pass    |
| 2** | 2838.000        | 34.83            | -10.37      | 54.0           | 19.17       | AV       | 298.00         | 200         | Vertical | Pass    |
| 3   | 4274.800        | 48.90            | -4.57       | 74.0           | 25.10       | Peak     | 275.00         | 100         | Vertical | Pass    |
| 3** | 4274.800        | 39.55            | -4.57       | 54.0           | 14.45       | AV       | 275.00         | 100         | Vertical | Pass    |
| 4   | 5182.000        | 99.80            | -3.18       | --             | --          | Peak     | 348.00         | 100         | Vertical | N/A     |
| 4** | 5182.000        | 91.56            | -3.18       | --             | --          | AV       | 348.00         | 100         | Vertical | N/A     |
| 5   | 6907.000        | 54.13            | -0.51       | 68.2           | 14.07       | Peak     | 228.00         | 100         | Vertical | Pass    |
| 5** | 6907.000        | 49.35            | -0.51       | --             | --          | AV       | 228.00         | 100         | Vertical | N/A     |
| 6   | 12202.313       | 51.60            | 2.40        | 74.0           | 22.40       | Peak     | 243.00         | 100         | Vertical | Pass    |
| 6** | 12202.313       | 42.23            | 2.40        | 54.0           | 11.77       | AV       | 243.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1325.500        | 39.26            | -17.49      | 74.0           | 34.74       | Peak     | 213.00         | 300         | Horizontal | Pass    |
| 1** | 1325.500        | 29.00            | -17.49      | 54.0           | 25.00       | AV       | 213.00         | 300         | Horizontal | Pass    |
| 2   | 2745.500        | 44.39            | -10.32      | 74.0           | 29.61       | Peak     | 107.00         | 400         | Horizontal | Pass    |
| 2** | 2745.500        | 35.35            | -10.32      | 54.0           | 18.65       | AV       | 107.00         | 400         | Horizontal | Pass    |
| 3   | 4276.000        | 49.16            | -4.55       | 74.0           | 24.84       | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 3** | 4276.000        | 39.59            | -4.55       | 54.0           | 14.41       | AV       | 0.00           | 150         | Horizontal | Pass    |
| 4   | 5218.400        | 108.90           | -3.35       | --             | --          | Peak     | 45.00          | 400         | Horizontal | N/A     |
| 4** | 5218.400        | 101.05           | -3.35       | --             | --          | AV       | 45.00          | 400         | Horizontal | N/A     |
| 5   | 6960.200        | 53.90            | -0.50       | 68.2           | 14.30       | Peak     | 22.00          | 100         | Horizontal | Pass    |
| 5** | 6960.200        | 49.81            | -0.50       | --             | --          | AV       | 22.00          | 100         | Horizontal | N/A     |
| 6   | 11635.651       | 51.34            | 2.10        | 74.0           | 22.66       | Peak     | 149.00         | 400         | Horizontal | Pass    |
| 6** | 11635.651       | 41.78            | 2.10        | 54.0           | 12.22       | AV       | 149.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1329.000        | 42.78            | -17.46      | 74.0           | 31.22       | Peak     | 175.00         | 400         | Vertical | Pass    |
| 1** | 1329.000        | 29.12            | -17.46      | 54.0           | 24.88       | AV       | 175.00         | 400         | Vertical | Pass    |
| 2   | 2748.100        | 44.69            | -10.23      | 74.0           | 29.31       | Peak     | 11.00          | 300         | Vertical | Pass    |
| 2** | 2748.100        | 34.93            | -10.23      | 54.0           | 19.07       | AV       | 11.00          | 300         | Vertical | Pass    |
| 3   | 4257.000        | 49.06            | -4.46       | 74.0           | 24.94       | Peak     | 274.00         | 100         | Vertical | Pass    |
| 3** | 4257.000        | 39.94            | -4.46       | 54.0           | 14.06       | AV       | 274.00         | 100         | Vertical | Pass    |
| 4   | 5225.200        | 100.27           | -3.37       | --             | --          | Peak     | 195.00         | 300         | Vertical | N/A     |
| 4** | 5225.200        | 91.69            | -3.37       | --             | --          | AV       | 195.00         | 300         | Vertical | N/A     |
| 5   | 6960.000        | 54.09            | -0.48       | 68.2           | 14.11       | Peak     | 251.00         | 400         | Vertical | Pass    |
| 5** | 6960.000        | 48.83            | -0.48       | --             | --          | AV       | 251.00         | 400         | Vertical | N/A     |
| 6   | 12218.125       | 51.91            | 2.41        | 74.0           | 22.09       | Peak     | 151.00         | 100         | Vertical | Pass    |
| 6** | 12218.125       | 42.31            | 2.41        | 54.0           | 11.69       | AV       | 151.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1329.900        | 43.29            | -17.52      | 74.0           | 30.71       | Peak     | 222.00         | 100         | Horizontal | Pass    |
| 1** | 1329.900        | 29.44            | -17.52      | 54.0           | 24.56       | AV       | 222.00         | 100         | Horizontal | Pass    |
| 2   | 2817.300        | 45.44            | -10.42      | 74.0           | 28.56       | Peak     | 346.00         | 200         | Horizontal | Pass    |
| 2** | 2817.300        | 34.73            | -10.42      | 54.0           | 19.27       | AV       | 346.00         | 200         | Horizontal | Pass    |
| 3   | 4301.800        | 49.03            | -4.61       | 74.0           | 24.97       | Peak     | 21.00          | 200         | Horizontal | Pass    |
| 3** | 4301.800        | 39.70            | -4.61       | 54.0           | 14.30       | AV       | 21.00          | 200         | Horizontal | Pass    |
| 4   | 5241.400        | 108.76           | -3.51       | --             | --          | Peak     | 21.00          | 100         | Horizontal | N/A     |
| 4** | 5241.400        | 101.29           | -3.51       | --             | --          | AV       | 21.00          | 100         | Horizontal | N/A     |
| 5   | 6986.800        | 54.73            | -0.38       | 68.2           | 13.47       | Peak     | 359.00         | 100         | Horizontal | Pass    |
| 5** | 6986.800        | 50.81            | -0.38       | --             | --          | AV       | 359.00         | 100         | Horizontal | N/A     |
| 6   | 12224.162       | 51.03            | 2.43        | 74.0           | 22.97       | Peak     | 182.00         | 400         | Horizontal | Pass    |
| 6** | 12224.162       | 42.32            | 2.43        | 54.0           | 11.68       | AV       | 182.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1327.700        | 40.06            | -17.43      | 74.0           | 33.94       | Peak     | 278.00         | 200         | Vertical | Pass    |
| 1** | 1327.700        | 29.63            | -17.43      | 54.0           | 24.37       | AV       | 278.00         | 200         | Vertical | Pass    |
| 2   | 2814.300        | 44.86            | -10.53      | 74.0           | 29.14       | Peak     | 337.00         | 400         | Vertical | Pass    |
| 2** | 2814.300        | 35.77            | -10.53      | 54.0           | 18.23       | AV       | 337.00         | 400         | Vertical | Pass    |
| 3   | 4275.000        | 49.72            | -4.57       | 74.0           | 24.28       | Peak     | 263.00         | 100         | Vertical | Pass    |
| 3** | 4275.000        | 39.53            | -4.57       | 54.0           | 14.47       | AV       | 263.00         | 100         | Vertical | Pass    |
| 4   | 5240.800        | 100.55           | -3.51       | --             | --          | Peak     | 172.00         | 400         | Vertical | N/A     |
| 4** | 5240.800        | 92.28            | -3.51       | --             | --          | AV       | 172.00         | 400         | Vertical | N/A     |
| 5   | 6986.800        | 53.42            | -0.38       | 68.2           | 14.78       | Peak     | 137.00         | 150         | Vertical | Pass    |
| 5** | 6986.800        | 49.42            | -0.38       | --             | --          | AV       | 137.00         | 150         | Vertical | N/A     |
| 6   | 12223.300       | 50.88            | 2.43        | 74.0           | 23.12       | Peak     | 168.00         | 400         | Vertical | Pass    |
| 6** | 12223.300       | 42.31            | 2.43        | 54.0           | 11.69       | AV       | 168.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.100        | 40.56            | -17.53      | 74.0           | 33.44       | Peak     | 54.00          | 100         | Horizontal | Pass    |
| 1** | 1330.100        | 32.10            | -17.53      | 54.0           | 21.90       | AV       | 54.00          | 100         | Horizontal | Pass    |
| 2   | 2748.900        | 44.94            | -10.26      | 74.0           | 29.06       | Peak     | 359.00         | 200         | Horizontal | Pass    |
| 2** | 2748.900        | 35.18            | -10.26      | 54.0           | 18.82       | AV       | 359.00         | 200         | Horizontal | Pass    |
| 3   | 4294.800        | 48.97            | -4.47       | 74.0           | 25.03       | Peak     | 27.00          | 150         | Horizontal | Pass    |
| 3** | 4294.800        | 40.11            | -4.47       | 54.0           | 13.89       | AV       | 27.00          | 150         | Horizontal | Pass    |
| 4   | 5191.800        | 104.51           | -3.13       | --             | --          | Peak     | 39.00          | 200         | Horizontal | N/A     |
| 4** | 5191.800        | 96.63            | -3.13       | --             | --          | AV       | 39.00          | 200         | Horizontal | N/A     |
| 5   | 6920.000        | 54.00            | -0.28       | 68.2           | 14.20       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 5** | 6920.000        | 49.55            | -0.28       | --             | --          | AV       | 360.00         | 200         | Horizontal | N/A     |
| 6   | 12226.750       | 51.53            | 2.42        | 74.0           | 22.47       | Peak     | 286.00         | 400         | Horizontal | Pass    |
| 6** | 12226.750       | 42.18            | 2.42        | 54.0           | 11.82       | AV       | 286.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1330.800        | 43.17            | -17.56      | 74.0           | 30.83       | Peak     | 52.00          | 400         | Vertical | Pass    |
| 1** | 1330.800        | 28.68            | -17.56      | 54.0           | 25.32       | AV       | 52.00          | 400         | Vertical | Pass    |
| 2   | 2870.600        | 44.95            | -10.47      | 74.0           | 29.05       | Peak     | 0.00           | 300         | Vertical | Pass    |
| 2** | 2870.600        | 35.18            | -10.47      | 54.0           | 18.82       | AV       | 0.00           | 300         | Vertical | Pass    |
| 3   | 4308.800        | 48.49            | -4.63       | 74.0           | 25.51       | Peak     | 360.00         | 200         | Vertical | Pass    |
| 3** | 4308.800        | 39.95            | -4.63       | 54.0           | 14.05       | AV       | 360.00         | 200         | Vertical | Pass    |
| 4   | 5195.200        | 95.19            | -3.07       | --             | --          | Peak     | 133.00         | 200         | Vertical | N/A     |
| 4** | 5195.200        | 86.71            | -3.07       | --             | --          | AV       | 133.00         | 200         | Vertical | N/A     |
| 5   | 6920.000        | 53.26            | -0.28       | 68.2           | 14.94       | Peak     | 3.00           | 150         | Vertical | Pass    |
| 5** | 6920.000        | 50.03            | -0.28       | --             | --          | AV       | 3.00           | 150         | Vertical | N/A     |
| 6   | 12233.938       | 51.10            | 2.43        | 74.0           | 22.90       | Peak     | 67.00          | 400         | Vertical | Pass    |
| 6** | 12233.938       | 41.99            | 2.43        | 54.0           | 12.01       | AV       | 67.00          | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1329.600        | 42.84            | -17.50      | 74.0           | 31.16       | Peak     | 158.00         | 300         | Horizontal | Pass    |
| 1** | 1329.600        | 29.42            | -17.50      | 54.0           | 24.58       | AV       | 158.00         | 300         | Horizontal | Pass    |
| 2   | 2856.400        | 45.06            | -10.25      | 74.0           | 28.94       | Peak     | 345.00         | 200         | Horizontal | Pass    |
| 2** | 2856.400        | 35.01            | -10.25      | 54.0           | 18.99       | AV       | 345.00         | 200         | Horizontal | Pass    |
| 3   | 4215.800        | 49.12            | -4.78       | 74.0           | 24.88       | Peak     | 271.00         | 100         | Horizontal | Pass    |
| 3** | 4215.800        | 39.34            | -4.78       | 54.0           | 14.66       | AV       | 271.00         | 100         | Horizontal | Pass    |
| 4   | 5227.200        | 107.05           | -3.44       | --             | --          | Peak     | 12.00          | 200         | Horizontal | N/A     |
| 4** | 5227.200        | 98.40            | -3.44       | --             | --          | AV       | 12.00          | 200         | Horizontal | N/A     |
| 5   | 6973.600        | 53.87            | -0.37       | 68.2           | 14.33       | Peak     | 295.00         | 200         | Horizontal | Pass    |
| 5** | 6973.600        | 49.97            | -0.37       | --             | --          | AV       | 295.00         | 200         | Horizontal | N/A     |
| 6   | 12187.650       | 51.45            | 2.53        | 74.0           | 22.55       | Peak     | 4.00           | 400         | Horizontal | Pass    |
| 6** | 12187.650       | 41.39            | 2.53        | 54.0           | 12.61       | AV       | 4.00           | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1329.000        | 41.31            | -17.46      | 74.0           | 32.69       | Peak     | 49.00          | 100         | Vertical | Pass    |
| 1** | 1329.000        | 30.66            | -17.46      | 54.0           | 23.34       | AV       | 49.00          | 100         | Vertical | Pass    |
| 2   | 2748.200        | 44.88            | -10.23      | 74.0           | 29.12       | Peak     | 352.00         | 400         | Vertical | Pass    |
| 2** | 2748.200        | 35.01            | -10.23      | 54.0           | 18.99       | AV       | 352.00         | 400         | Vertical | Pass    |
| 3   | 4275.400        | 48.54            | -4.56       | 74.0           | 25.46       | Peak     | 1.00           | 200         | Vertical | Pass    |
| 3** | 4275.400        | 40.01            | -4.56       | 54.0           | 13.99       | AV       | 1.00           | 200         | Vertical | Pass    |
| 4   | 5231.800        | 98.03            | -3.45       | --             | --          | Peak     | 130.00         | 400         | Vertical | N/A     |
| 4** | 5231.800        | 90.62            | -3.45       | --             | --          | AV       | 130.00         | 400         | Vertical | N/A     |
| 5   | 6973.400        | 53.55            | -0.37       | 68.2           | 14.65       | Peak     | 359.00         | 150         | Vertical | Pass    |
| 5** | 6973.400        | 48.60            | -0.37       | --             | --          | AV       | 359.00         | 150         | Vertical | N/A     |
| 6   | 12212.950       | 51.42            | 2.40        | 74.0           | 22.58       | Peak     | 0.00           | 400         | Vertical | Pass    |
| 6** | 12212.950       | 42.80            | 2.40        | 54.0           | 11.20       | AV       | 0.00           | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1331.400        | 40.96            | -17.59      | 74.0           | 33.04       | Peak     | 33.00          | 100         | Horizontal | Pass    |
| 1** | 1331.400        | 30.30            | -17.59      | 54.0           | 23.70       | AV       | 33.00          | 100         | Horizontal | Pass    |
| 2   | 2834.400        | 44.70            | -10.38      | 74.0           | 29.30       | Peak     | 102.00         | 400         | Horizontal | Pass    |
| 2** | 2834.400        | 35.06            | -10.38      | 54.0           | 18.94       | AV       | 102.00         | 400         | Horizontal | Pass    |
| 3   | 4291.000        | 49.17            | -4.60       | 74.0           | 24.83       | Peak     | 9.00           | 150         | Horizontal | Pass    |
| 3** | 4291.000        | 40.23            | -4.60       | 54.0           | 13.77       | AV       | 9.00           | 150         | Horizontal | Pass    |
| 4   | 5181.800        | 108.87           | -3.16       | --             | --          | Peak     | 44.00          | 200         | Horizontal | N/A     |
| 4** | 5181.800        | 101.62           | -3.16       | --             | --          | AV       | 44.00          | 200         | Horizontal | N/A     |
| 5   | 6907.000        | 53.80            | -0.51       | 68.2           | 14.40       | Peak     | 9.00           | 150         | Horizontal | Pass    |
| 5** | 6907.000        | 49.60            | -0.51       | --             | --          | AV       | 9.00           | 150         | Horizontal | N/A     |
| 6   | 12258.662       | 50.49            | 2.44        | 74.0           | 23.51       | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 6** | 12258.662       | 41.67            | 2.44        | 54.0           | 12.33       | AV       | 0.00           | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1330.400        | 43.32            | -17.55      | 74.0           | 30.68       | Peak     | 219.00         | 100         | Vertical | Pass    |
| 1** | 1330.400        | 33.39            | -17.55      | 54.0           | 20.61       | AV       | 219.00         | 100         | Vertical | Pass    |
| 2   | 2722.500        | 45.52            | -10.53      | 74.0           | 28.48       | Peak     | 297.00         | 200         | Vertical | Pass    |
| 2** | 2722.500        | 34.68            | -10.53      | 54.0           | 19.32       | AV       | 297.00         | 200         | Vertical | Pass    |
| 3   | 4229.000        | 49.13            | -4.54       | 74.0           | 24.87       | Peak     | 216.00         | 200         | Vertical | Pass    |
| 3** | 4229.000        | 39.67            | -4.54       | 54.0           | 14.33       | AV       | 216.00         | 200         | Vertical | Pass    |
| 4   | 5179.200        | 99.46            | -3.13       | --             | --          | Peak     | 347.00         | 400         | Vertical | N/A     |
| 4** | 5179.200        | 91.13            | -3.13       | --             | --          | AV       | 347.00         | 400         | Vertical | N/A     |
| 5   | 6906.800        | 52.79            | -0.50       | 68.2           | 15.41       | Peak     | 351.00         | 150         | Vertical | Pass    |
| 5** | 6906.800        | 49.23            | -0.50       | --             | --          | AV       | 351.00         | 150         | Vertical | N/A     |
| 6   | 12263.262       | 51.28            | 2.36        | 74.0           | 22.72       | Peak     | 19.00          | 200         | Vertical | Pass    |
| 6** | 12263.262       | 42.60            | 2.36        | 54.0           | 11.40       | AV       | 19.00          | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1327.400        | 41.54            | -17.44      | 74.0           | 32.46       | Peak     | 76.00          | 100         | Horizontal | Pass    |
| 1** | 1327.400        | 29.16            | -17.44      | 54.0           | 24.84       | AV       | 76.00          | 100         | Horizontal | Pass    |
| 2   | 2746.000        | 45.30            | -10.30      | 74.0           | 28.70       | Peak     | 210.00         | 300         | Horizontal | Pass    |
| 2** | 2746.000        | 35.16            | -10.30      | 54.0           | 18.84       | AV       | 210.00         | 300         | Horizontal | Pass    |
| 3   | 4094.600        | 49.01            | -4.98       | 74.0           | 24.99       | Peak     | 21.00          | 100         | Horizontal | Pass    |
| 3** | 4094.600        | 38.45            | -4.98       | 54.0           | 15.55       | AV       | 21.00          | 100         | Horizontal | Pass    |
| 4   | 5221.400        | 109.46           | -3.33       | --             | --          | Peak     | 42.00          | 400         | Horizontal | N/A     |
| 4** | 5221.400        | 101.87           | -3.33       | --             | --          | AV       | 42.00          | 400         | Horizontal | N/A     |
| 5   | 6960.400        | 53.85            | -0.52       | 68.2           | 14.35       | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 5** | 6960.400        | 49.79            | -0.52       | --             | --          | AV       | 0.00           | 150         | Horizontal | N/A     |
| 6   | 12226.175       | 51.48            | 2.42        | 74.0           | 22.52       | Peak     | 107.00         | 300         | Horizontal | Pass    |
| 6** | 12226.175       | 42.01            | 2.42        | 54.0           | 11.99       | AV       | 107.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1327.600        | 42.27            | -17.43      | 74.0           | 31.73       | Peak     | 208.00         | 100         | Vertical | Pass    |
| 1** | 1327.600        | 35.96            | -17.43      | 54.0           | 18.04       | AV       | 208.00         | 100         | Vertical | Pass    |
| 2   | 2854.900        | 44.96            | -10.31      | 74.0           | 29.04       | Peak     | 360.00         | 300         | Vertical | Pass    |
| 2** | 2854.900        | 34.93            | -10.31      | 54.0           | 19.07       | AV       | 360.00         | 300         | Vertical | Pass    |
| 3   | 4240.200        | 49.18            | -4.92       | 74.0           | 24.82       | Peak     | 359.00         | 200         | Vertical | Pass    |
| 3** | 4240.200        | 38.98            | -4.92       | 54.0           | 15.02       | AV       | 359.00         | 200         | Vertical | Pass    |
| 4   | 5218.800        | 100.66           | -3.40       | --             | --          | Peak     | 354.00         | 200         | Vertical | N/A     |
| 4** | 5218.800        | 92.67            | -3.40       | --             | --          | AV       | 354.00         | 200         | Vertical | N/A     |
| 5   | 6960.200        | 53.90            | -0.50       | 68.2           | 14.30       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 5** | 6960.200        | 49.35            | -0.50       | --             | --          | AV       | 0.00           | 100         | Vertical | N/A     |
| 6   | 12258.950       | 52.19            | 2.44        | 74.0           | 21.81       | Peak     | 339.00         | 100         | Vertical | Pass    |
| 6** | 12258.950       | 42.01            | 2.44        | 54.0           | 11.99       | AV       | 339.00         | 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) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1333.000        | 44.71            | -17.63      | 74.0           | 29.29       | Peak     | 218.00         | 100         | Horizontal | Pass    |
| 1** | 1333.000        | 36.45            | -17.63      | 54.0           | 17.55       | AV       | 218.00         | 100         | Horizontal | Pass    |
| 2   | 2814.000        | 44.61            | -10.53      | 74.0           | 29.39       | Peak     | 1.00           | 300         | Horizontal | Pass    |
| 2** | 2814.000        | 35.11            | -10.53      | 54.0           | 18.89       | AV       | 1.00           | 300         | Horizontal | Pass    |
| 3   | 4330.000        | 48.69            | -4.68       | 74.0           | 25.31       | Peak     | 142.00         | 100         | Horizontal | Pass    |
| 3** | 4330.000        | 39.28            | -4.68       | 54.0           | 14.72       | AV       | 142.00         | 100         | Horizontal | Pass    |
| 4   | 5239.200        | 108.70           | -3.49       | --             | --          | Peak     | 12.00          | 100         | Horizontal | N/A     |
| 4** | 5239.200        | 102.31           | -3.49       | --             | --          | AV       | 12.00          | 100         | Horizontal | N/A     |
| 5   | 6986.800        | 54.77            | -0.38       | 68.2           | 13.43       | Peak     | 1.00           | 150         | Horizontal | Pass    |
| 5** | 6986.800        | 50.77            | -0.38       | --             | --          | AV       | 1.00           | 150         | Horizontal | N/A     |
| 6   | 12319.037       | 51.57            | 2.01        | 74.0           | 22.43       | Peak     | 0.00           | 300         | Horizontal | Pass    |
| 6** | 12319.037       | 42.05            | 2.01        | 54.0           | 11.95       | AV       | 0.00           | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1331.800        | 43.05            | -17.60      | 74.0           | 30.95       | Peak     | 49.00          | 200         | Vertical | Pass    |
| 1** | 1331.800        | 29.06            | -17.60      | 54.0           | 24.94       | AV       | 49.00          | 200         | Vertical | Pass    |
| 2   | 2714.100        | 44.16            | -11.14      | 74.0           | 29.84       | Peak     | 108.00         | 300         | Vertical | Pass    |
| 2** | 2714.100        | 34.48            | -11.14      | 54.0           | 19.52       | AV       | 108.00         | 300         | Vertical | Pass    |
| 3   | 4314.200        | 48.73            | -4.74       | 74.0           | 25.27       | Peak     | 191.00         | 100         | Vertical | Pass    |
| 3** | 4314.200        | 39.79            | -4.74       | 54.0           | 14.21       | AV       | 191.00         | 100         | Vertical | Pass    |
| 4   | 5238.400        | 100.02           | -3.49       | --             | --          | Peak     | 168.00         | 200         | Vertical | N/A     |
| 4** | 5238.400        | 93.41            | -3.49       | --             | --          | AV       | 168.00         | 200         | Vertical | N/A     |
| 5   | 6986.800        | 53.73            | -0.38       | 68.2           | 14.47       | Peak     | 121.00         | 100         | Vertical | Pass    |
| 5** | 6986.800        | 49.62            | -0.38       | --             | --          | AV       | 121.00         | 100         | Vertical | N/A     |
| 6   | 12214.388       | 51.46            | 2.40        | 74.0           | 22.54       | Peak     | 192.00         | 100         | Vertical | Pass    |
| 6** | 12214.388       | 42.09            | 2.40        | 54.0           | 11.91       | AV       | 192.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.100        | 44.87            | -17.53      | 74.0           | 29.13       | Peak     | 228.00         | 100         | Horizontal | Pass    |
| 1** | 1330.100        | 32.62            | -17.53      | 54.0           | 21.38       | AV       | 228.00         | 100         | Horizontal | Pass    |
| 2   | 2873.600        | 44.74            | -10.46      | 74.0           | 29.26       | Peak     | 359.00         | 400         | Horizontal | Pass    |
| 2** | 2873.600        | 34.92            | -10.46      | 54.0           | 19.08       | AV       | 359.00         | 400         | Horizontal | Pass    |
| 3   | 4277.000        | 48.79            | -4.52       | 74.0           | 25.21       | Peak     | 142.00         | 200         | Horizontal | Pass    |
| 3** | 4277.000        | 39.92            | -4.52       | 54.0           | 14.08       | AV       | 142.00         | 200         | Horizontal | Pass    |
| 4   | 5192.600        | 101.04           | -3.10       | --             | --          | Peak     | 36.00          | 400         | Horizontal | N/A     |
| 4** | 5192.600        | 92.82            | -3.10       | --             | --          | AV       | 36.00          | 400         | Horizontal | N/A     |
| 5   | 6920.200        | 55.14            | -0.29       | 68.2           | 13.06       | Peak     | 2.00           | 150         | Horizontal | Pass    |
| 5** | 6920.200        | 50.30            | -0.29       | --             | --          | AV       | 2.00           | 150         | Horizontal | N/A     |
| 6   | 12262.974       | 51.84            | 2.37        | 74.0           | 22.16       | Peak     | 351.00         | 200         | Horizontal | Pass    |
| 6** | 12262.974       | 41.74            | 2.37        | 54.0           | 12.26       | AV       | 351.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1333.600        | 43.70            | -17.63      | 74.0           | 30.30       | Peak     | 228.00         | 300         | Vertical | Pass    |
| 1** | 1333.600        | 28.74            | -17.63      | 54.0           | 25.26       | AV       | 228.00         | 300         | Vertical | Pass    |
| 2   | 2804.500        | 44.42            | -10.59      | 74.0           | 29.58       | Peak     | 170.00         | 400         | Vertical | Pass    |
| 2** | 2804.500        | 35.44            | -10.59      | 54.0           | 18.56       | AV       | 170.00         | 400         | Vertical | Pass    |
| 3   | 4269.600        | 48.95            | -4.63       | 74.0           | 25.05       | Peak     | 174.00         | 150         | Vertical | Pass    |
| 3** | 4269.600        | 39.87            | -4.63       | 54.0           | 14.13       | AV       | 174.00         | 150         | Vertical | Pass    |
| 4   | 5187.800        | 91.31            | -3.12       | --             | --          | Peak     | 139.00         | 200         | Vertical | N/A     |
| 4** | 5187.800        | 83.23            | -3.12       | --             | --          | AV       | 139.00         | 200         | Vertical | N/A     |
| 5   | 6920.000        | 54.68            | -0.28       | 68.2           | 13.52       | Peak     | 15.00          | 150         | Vertical | Pass    |
| 5** | 6920.000        | 49.55            | -0.28       | --             | --          | AV       | 15.00          | 150         | Vertical | N/A     |
| 6   | 12210.362       | 51.24            | 2.39        | 74.0           | 22.76       | Peak     | 331.00         | 300         | Vertical | Pass    |
| 6** | 12210.362       | 42.06            | 2.39        | 54.0           | 11.94       | AV       | 331.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1328.900        | 38.87            | -17.45      | 74.0           | 35.13       | Peak     | 33.00          | 400         | Horizontal | Pass    |
| 1** | 1328.900        | 29.04            | -17.45      | 54.0           | 24.96       | AV       | 33.00          | 400         | Horizontal | Pass    |
| 2   | 2819.700        | 44.63            | -10.30      | 74.0           | 29.37       | Peak     | 91.00          | 200         | Horizontal | Pass    |
| 2** | 2819.700        | 35.75            | -10.30      | 54.0           | 18.25       | AV       | 91.00          | 200         | Horizontal | Pass    |
| 3   | 4354.400        | 48.64            | -4.81       | 74.0           | 25.36       | Peak     | 165.00         | 150         | Horizontal | Pass    |
| 3** | 4354.400        | 39.31            | -4.81       | 54.0           | 14.69       | AV       | 165.00         | 150         | Horizontal | Pass    |
| 4   | 5232.200        | 107.23           | -3.44       | --             | --          | Peak     | 8.00           | 300         | Horizontal | N/A     |
| 4** | 5232.200        | 98.94            | -3.44       | --             | --          | AV       | 8.00           | 300         | Horizontal | N/A     |
| 5   | 6973.400        | 55.96            | -0.37       | 68.2           | 12.24       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 5** | 6973.400        | 49.81            | -0.37       | --             | --          | AV       | 360.00         | 200         | Horizontal | N/A     |
| 6   | 12166.950       | 51.41            | 2.48        | 74.0           | 22.59       | Peak     | 190.00         | 300         | Horizontal | Pass    |
| 6** | 12166.950       | 41.61            | 2.48        | 54.0           | 12.39       | AV       | 190.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1328.700        | 41.03            | -17.44      | 74.0           | 32.97       | Peak     | 213.00         | 200         | Vertical | Pass    |
| 1** | 1328.700        | 28.93            | -17.44      | 54.0           | 25.07       | AV       | 213.00         | 200         | Vertical | Pass    |
| 2   | 2828.800        | 44.96            | -10.29      | 74.0           | 29.04       | Peak     | 274.00         | 400         | Vertical | Pass    |
| 2** | 2828.800        | 35.28            | -10.29      | 54.0           | 18.72       | AV       | 274.00         | 400         | Vertical | Pass    |
| 3   | 4267.000        | 48.60            | -4.62       | 74.0           | 25.40       | Peak     | 360.00         | 200         | Vertical | Pass    |
| 3** | 4267.000        | 38.97            | -4.62       | 54.0           | 15.03       | AV       | 360.00         | 200         | Vertical | Pass    |
| 4   | 5227.000        | 98.02            | -3.43       | --             | --          | Peak     | 133.00         | 400         | Vertical | N/A     |
| 4** | 5227.000        | 90.25            | -3.43       | --             | --          | AV       | 133.00         | 400         | Vertical | N/A     |
| 5   | 6973.600        | 53.38            | -0.37       | 68.2           | 14.82       | Peak     | 224.00         | 100         | Vertical | Pass    |
| 5** | 6973.600        | 48.93            | -0.37       | --             | --          | AV       | 224.00         | 100         | Vertical | N/A     |
| 6   | 12274.763       | 51.53            | 2.23        | 74.0           | 22.47       | Peak     | 256.00         | 400         | Vertical | Pass    |
| 6** | 12274.763       | 42.19            | 2.23        | 54.0           | 11.81       | AV       | 256.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1328.300        | 43.41            | -17.41      | 74.0           | 30.59       | Peak     | 222.00         | 400         | Horizontal | Pass    |
| 1** | 1328.300        | 29.62            | -17.41      | 54.0           | 24.38       | AV       | 222.00         | 400         | Horizontal | Pass    |
| 2   | 2866.200        | 44.65            | -10.32      | 74.0           | 29.35       | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 2** | 2866.200        | 34.85            | -10.32      | 54.0           | 19.15       | AV       | 0.00           | 400         | Horizontal | Pass    |
| 3   | 4178.800        | 48.44            | -4.64       | 74.0           | 25.56       | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 3** | 4178.800        | 38.99            | -4.64       | 54.0           | 15.01       | AV       | 360.00         | 150         | Horizontal | Pass    |
| 4   | 5217.200        | 96.83            | -3.22       | --             | --          | Peak     | 41.00          | 100         | Horizontal | N/A     |
| 4** | 5217.200        | 88.93            | -3.22       | --             | --          | AV       | 41.00          | 100         | Horizontal | N/A     |
| 5   | 6947.000        | 54.48            | -0.57       | 68.2           | 13.72       | Peak     | 1.00           | 100         | Horizontal | Pass    |
| 5** | 6947.000        | 50.76            | -0.57       | --             | --          | AV       | 1.00           | 100         | Horizontal | N/A     |
| 6   | 11626.450       | 51.27            | 2.07        | 74.0           | 22.73       | Peak     | 332.00         | 200         | Horizontal | Pass    |
| 6** | 11626.450       | 41.38            | 2.07        | 54.0           | 12.62       | AV       | 332.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1331.400        | 42.99            | -17.59      | 74.0           | 31.01       | Peak     | 326.00         | 400         | Vertical | Pass    |
| 1** | 1331.400        | 28.84            | -17.59      | 54.0           | 25.16       | AV       | 326.00         | 400         | Vertical | Pass    |
| 2   | 2754.200        | 44.33            | -10.54      | 74.0           | 29.67       | Peak     | 359.00         | 100         | Vertical | Pass    |
| 2** | 2754.200        | 34.66            | -10.54      | 54.0           | 19.34       | AV       | 359.00         | 100         | Vertical | Pass    |
| 3   | 4301.400        | 48.95            | -4.60       | 74.0           | 25.05       | Peak     | 215.00         | 200         | Vertical | Pass    |
| 3** | 4301.400        | 40.16            | -4.60       | 54.0           | 13.84       | AV       | 215.00         | 200         | Vertical | Pass    |
| 4   | 5223.800        | 87.44            | -3.34       | --             | --          | Peak     | 180.00         | 200         | Vertical | N/A     |
| 4** | 5223.800        | 79.02            | -3.34       | --             | --          | AV       | 180.00         | 200         | Vertical | N/A     |
| 5   | 6946.800        | 53.78            | -0.58       | 68.2           | 14.42       | Peak     | 238.00         | 150         | Vertical | Pass    |
| 5** | 6946.800        | 49.69            | -0.58       | --             | --          | AV       | 238.00         | 150         | Vertical | N/A     |
| 6   | 12230.776       | 51.45            | 2.42        | 74.0           | 22.55       | Peak     | 192.00         | 100         | Vertical | Pass    |
| 6** | 12230.776       | 42.19            | 2.42        | 54.0           | 11.81       | AV       | 192.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.400        | 41.91            | -17.55      | 74.0           | 32.09       | Peak     | 138.00         | 100         | Horizontal | Pass    |
| 1** | 1330.400        | 29.55            | -17.55      | 54.0           | 24.45       | AV       | 138.00         | 100         | Horizontal | Pass    |
| 2   | 2726.500        | 44.76            | -10.34      | 74.0           | 29.24       | Peak     | 291.00         | 300         | Horizontal | Pass    |
| 2** | 2726.500        | 35.25            | -10.34      | 54.0           | 18.75       | AV       | 291.00         | 300         | Horizontal | Pass    |
| 3   | 4262.400        | 48.62            | -4.42       | 74.0           | 25.38       | Peak     | 354.00         | 150         | Horizontal | Pass    |
| 3** | 4262.400        | 39.94            | -4.42       | 54.0           | 14.06       | AV       | 354.00         | 150         | Horizontal | Pass    |
| 4   | 5265.600        | 108.61           | -3.55       | --             | --          | Peak     | 307.00         | 100         | Horizontal | N/A     |
| 4** | 5265.600        | 100.44           | -3.55       | --             | --          | AV       | 307.00         | 100         | Horizontal | N/A     |
| 5   | 7013.513        | 53.40            | -2.06       | 68.2           | 14.80       | Peak     | 312.00         | 150         | Horizontal | Pass    |
| 5** | 7013.513        | 49.60            | -2.06       | --             | --          | AV       | 312.00         | 150         | Horizontal | N/A     |
| 6   | 12264.988       | 51.41            | 2.34        | 74.0           | 22.59       | Peak     | 110.00         | 200         | Horizontal | Pass    |
| 6** | 12264.988       | 41.77            | 2.34        | 54.0           | 12.23       | AV       | 110.00         | 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) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1328.500        | 42.23            | -17.42      | 74.0           | 31.77       | Peak     | 342.00         | 200         | Vertical | Pass    |
| 1** | 1328.500        | 33.34            | -17.42      | 54.0           | 20.66       | AV       | 342.00         | 200         | Vertical | Pass    |
| 2   | 2736.700        | 44.29            | -10.39      | 74.0           | 29.71       | Peak     | 216.00         | 400         | Vertical | Pass    |
| 2** | 2736.700        | 34.55            | -10.39      | 54.0           | 19.45       | AV       | 216.00         | 400         | Vertical | Pass    |
| 3   | 4298.200        | 49.70            | -4.51       | 74.0           | 24.30       | Peak     | 3.00           | 200         | Vertical | Pass    |
| 3** | 4298.200        | 40.01            | -4.51       | 54.0           | 13.99       | AV       | 3.00           | 200         | Vertical | Pass    |
| 4   | 5258.600        | 100.17           | -3.64       | --             | --          | Peak     | 86.00          | 400         | Vertical | N/A     |
| 4** | 5258.600        | 92.89            | -3.64       | --             | --          | AV       | 86.00          | 400         | Vertical | N/A     |
| 5   | 7560.050        | 48.37            | -2.41       | 74.0           | 25.63       | Peak     | 357.00         | 150         | Vertical | Pass    |
| 5** | 7560.050        | 39.26            | -2.41       | 54.0           | 14.74       | AV       | 357.00         | 150         | Vertical | Pass    |
| 6   | 12170.687       | 51.40            | 2.56        | 74.0           | 22.60       | Peak     | 35.00          | 200         | Vertical | Pass    |
| 6** | 12170.687       | 41.97            | 2.56        | 54.0           | 12.03       | AV       | 35.00          | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1385.200        | 39.21            | -17.12      | 74.0           | 34.79       | Peak     | 357.00         | 300         | Horizontal | Pass    |
| 1** | 1385.200        | 30.08            | -17.12      | 54.0           | 23.92       | AV       | 357.00         | 300         | Horizontal | Pass    |
| 2   | 2774.000        | 45.12            | -11.25      | 74.0           | 28.88       | Peak     | 262.00         | 300         | Horizontal | Pass    |
| 2** | 2774.000        | 34.47            | -11.25      | 54.0           | 19.53       | AV       | 262.00         | 300         | Horizontal | Pass    |
| 3   | 4253.000        | 49.82            | -4.60       | 74.0           | 24.18       | Peak     | 124.00         | 150         | Horizontal | Pass    |
| 3** | 4253.000        | 39.63            | -4.60       | 54.0           | 14.37       | AV       | 124.00         | 150         | Horizontal | Pass    |
| 4   | 5294.000        | 110.19           | -3.33       | --             | --          | Peak     | 320.00         | 200         | Horizontal | N/A     |
| 4** | 5294.000        | 101.63           | -3.33       | --             | --          | AV       | 320.00         | 200         | Horizontal | N/A     |
| 5   | 7066.700        | 50.83            | -2.63       | 68.2           | 17.37       | Peak     | 308.00         | 150         | Horizontal | Pass    |
| 5** | 7066.700        | 47.53            | -2.63       | --             | --          | AV       | 308.00         | 150         | Horizontal | N/A     |
| 6   | 12221.575       | 51.23            | 2.42        | 74.0           | 22.77       | Peak     | 139.00         | 200         | Horizontal | Pass    |
| 6** | 12221.575       | 43.02            | 2.42        | 54.0           | 10.98       | AV       | 139.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1198.200        | 39.15            | -17.92      | 74.0           | 34.85       | Peak     | 321.00         | 150         | Vertical | Pass    |
| 1** | 1198.200        | 29.12            | -17.92      | 54.0           | 24.88       | AV       | 321.00         | 150         | Vertical | Pass    |
| 2   | 2862.700        | 44.11            | -10.18      | 74.0           | 29.89       | Peak     | 2.00           | 200         | Vertical | Pass    |
| 2** | 2862.700        | 35.31            | -10.18      | 54.0           | 18.69       | AV       | 2.00           | 200         | Vertical | Pass    |
| 3   | 4228.200        | 49.16            | -4.52       | 74.0           | 24.84       | Peak     | 57.00          | 200         | Vertical | Pass    |
| 3** | 4228.200        | 39.11            | -4.52       | 54.0           | 14.89       | AV       | 57.00          | 200         | Vertical | Pass    |
| 4   | 5298.000        | 102.73           | -3.20       | --             | --          | Peak     | 101.00         | 100         | Vertical | N/A     |
| 4** | 5298.000        | 95.84            | -3.20       | --             | --          | AV       | 101.00         | 100         | Vertical | N/A     |
| 5   | 7066.988        | 48.54            | -2.61       | 68.2           | 19.66       | Peak     | 43.00          | 150         | Vertical | Pass    |
| 5** | 7066.988        | 46.09            | -2.61       | --             | --          | AV       | 43.00          | 150         | Vertical | N/A     |
| 6   | 12167.238       | 51.93            | 2.48        | 74.0           | 22.07       | Peak     | 17.00          | 400         | Vertical | Pass    |
| 6** | 12167.238       | 41.29            | 2.48        | 54.0           | 12.71       | AV       | 17.00          | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1329.800        | 39.41            | -17.51      | 74.0           | 34.59       | Peak     | 207.00         | 300         | Horizontal | Pass    |
| 1** | 1329.800        | 30.93            | -17.51      | 54.0           | 23.07       | AV       | 207.00         | 300         | Horizontal | Pass    |
| 2   | 2841.300        | 44.24            | -10.56      | 74.0           | 29.76       | Peak     | 138.00         | 400         | Horizontal | Pass    |
| 2** | 2841.300        | 34.96            | -10.56      | 54.0           | 19.04       | AV       | 138.00         | 400         | Horizontal | Pass    |
| 3   | 4145.200        | 49.04            | -5.12       | 74.0           | 24.96       | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 3** | 4145.200        | 38.68            | -5.12       | 54.0           | 15.32       | AV       | 360.00         | 150         | Horizontal | Pass    |
| 4   | 5315.800        | 110.08           | -3.09       | --             | --          | Peak     | 307.00         | 100         | Horizontal | N/A     |
| 4** | 5315.800        | 101.21           | -3.09       | --             | --          | AV       | 307.00         | 100         | Horizontal | N/A     |
| 5   | 7093.725        | 48.24            | -2.31       | 68.2           | 19.96       | Peak     | 299.00         | 150         | Horizontal | Pass    |
| 5** | 7093.725        | 44.85            | -2.31       | --             | --          | AV       | 299.00         | 150         | Horizontal | N/A     |
| 6   | 12283.675       | 51.20            | 2.24        | 74.0           | 22.80       | Peak     | 191.00         | 400         | Horizontal | Pass    |
| 6** | 12283.675       | 42.06            | 2.24        | 54.0           | 11.94       | AV       | 191.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1330.200        | 41.58            | -17.54      | 74.0           | 32.42       | Peak     | 329.00         | 100         | Vertical | Pass    |
| 1** | 1330.200        | 33.15            | -17.54      | 54.0           | 20.85       | AV       | 329.00         | 100         | Vertical | Pass    |
| 2   | 2747.100        | 44.53            | -10.24      | 74.0           | 29.47       | Peak     | 209.00         | 100         | Vertical | Pass    |
| 2** | 2747.100        | 34.57            | -10.24      | 54.0           | 19.43       | AV       | 209.00         | 100         | Vertical | Pass    |
| 3   | 4281.000        | 48.55            | -4.55       | 74.0           | 25.45       | Peak     | 359.00         | 200         | Vertical | Pass    |
| 3** | 4281.000        | 40.02            | -4.55       | 54.0           | 13.98       | AV       | 359.00         | 200         | Vertical | Pass    |
| 4   | 5321.600        | 103.16           | -3.21       | --             | --          | Peak     | 62.00          | 200         | Vertical | N/A     |
| 4** | 5321.600        | 95.12            | -3.21       | --             | --          | AV       | 62.00          | 200         | Vertical | N/A     |
| 5   | 7093.725        | 47.94            | -2.31       | 68.2           | 20.26       | Peak     | 143.00         | 150         | Vertical | Pass    |
| 5** | 7093.725        | 43.75            | -2.31       | --             | --          | AV       | 143.00         | 150         | Vertical | N/A     |
| 6   | 12212.088       | 51.46            | 2.39        | 74.0           | 22.54       | Peak     | 221.00         | 400         | Vertical | Pass    |
| 6** | 12212.088       | 42.45            | 2.39        | 54.0           | 11.55       | AV       | 221.00         | 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) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1328.000        | 39.21            | -17.41      | 74.0           | 34.79       | Peak     | 218.00         | 100         | Horizontal | Pass    |
| 1** | 1328.000        | 29.38            | -17.41      | 54.0           | 24.62       | AV       | 218.00         | 100         | Horizontal | Pass    |
| 2   | 2784.500        | 43.75            | -10.92      | 74.0           | 30.25       | Peak     | 246.00         | 150         | Horizontal | Pass    |
| 2** | 2784.500        | 33.94            | -10.92      | 54.0           | 20.06       | AV       | 246.00         | 150         | Horizontal | Pass    |
| 3   | 4046.000        | 48.04            | -5.11       | 74.0           | 25.96       | Peak     | 200.00         | 150         | Horizontal | Pass    |
| 3** | 4046.000        | 38.06            | -5.11       | 54.0           | 15.94       | AV       | 200.00         | 150         | Horizontal | Pass    |
| 4   | 5262.400        | 109.60           | -3.66       | --             | --          | Peak     | 306.00         | 150         | Horizontal | N/A     |
| 4** | 5262.400        | 100.55           | -3.66       | --             | --          | AV       | 306.00         | 150         | Horizontal | N/A     |
| 5   | 7013.513        | 51.57            | -2.06       | 68.2           | 16.63       | Peak     | 315.00         | 150         | Horizontal | Pass    |
| 5** | 7013.513        | 48.43            | -2.06       | --             | --          | AV       | 315.00         | 150         | Horizontal | N/A     |
| 6   | 16058.287       | 53.57            | 5.82        | 74.0           | 20.43       | Peak     | 34.00          | 400         | Horizontal | Pass    |
| 6** | 16058.287       | 45.19            | 5.82        | 54.0           | 8.81        | AV       | 34.00          | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1327.800        | 39.71            | -17.42      | 74.0           | 34.29       | Peak     | 351.00         | 200         | Vertical | Pass    |
| 1** | 1327.800        | 28.69            | -17.42      | 54.0           | 25.31       | AV       | 351.00         | 200         | Vertical | Pass    |
| 2   | 2721.900        | 44.52            | -10.55      | 74.0           | 29.48       | Peak     | 0.00           | 400         | Vertical | Pass    |
| 2** | 2721.900        | 34.93            | -10.55      | 54.0           | 19.07       | AV       | 0.00           | 400         | Vertical | Pass    |
| 3   | 4289.200        | 49.24            | -4.59       | 74.0           | 24.76       | Peak     | 192.00         | 100         | Vertical | Pass    |
| 3** | 4289.200        | 39.91            | -4.59       | 54.0           | 14.09       | AV       | 192.00         | 100         | Vertical | Pass    |
| 4   | 5261.400        | 100.08           | -3.70       | --             | --          | Peak     | 272.00         | 200         | Vertical | N/A     |
| 4** | 5261.400        | 93.38            | -3.70       | --             | --          | AV       | 272.00         | 200         | Vertical | N/A     |
| 5   | 7582.475        | 47.65            | -2.66       | 74.0           | 26.35       | Peak     | 18.00          | 100         | Vertical | Pass    |
| 5** | 7582.475        | 38.91            | -2.66       | 54.0           | 15.09       | AV       | 18.00          | 100         | Vertical | Pass    |
| 6   | 11661.813       | 51.31            | 1.89        | 74.0           | 22.69       | Peak     | 112.00         | 200         | Vertical | Pass    |
| 6** | 11661.813       | 41.39            | 1.89        | 54.0           | 12.61       | AV       | 112.00         | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1329.300        | 39.38            | -17.48      | 74.0           | 34.62       | Peak     | 150.00         | 100         | Horizontal | Pass    |
| 1** | 1329.300        | 29.00            | -17.48      | 54.0           | 25.00       | AV       | 150.00         | 100         | Horizontal | Pass    |
| 2   | 2855.000        | 44.20            | -10.30      | 74.0           | 29.80       | Peak     | 119.00         | 200         | Horizontal | Pass    |
| 2** | 2855.000        | 36.35            | -10.30      | 54.0           | 17.65       | AV       | 119.00         | 200         | Horizontal | Pass    |
| 3   | 4250.200        | 48.92            | -4.61       | 74.0           | 25.08       | Peak     | 359.00         | 150         | Horizontal | Pass    |
| 3** | 4250.200        | 39.91            | -4.61       | 54.0           | 14.09       | AV       | 359.00         | 150         | Horizontal | Pass    |
| 4   | 5300.000        | 109.31           | -3.15       | --             | --          | Peak     | 306.00         | 200         | Horizontal | N/A     |
| 4** | 5300.000        | 101.53           | -3.15       | --             | --          | AV       | 306.00         | 200         | Horizontal | N/A     |
| 5   | 7066.988        | 49.61            | -2.61       | 68.2           | 18.59       | Peak     | 317.00         | 150         | Horizontal | Pass    |
| 5** | 7066.988        | 47.62            | -2.61       | --             | --          | AV       | 317.00         | 150         | Horizontal | N/A     |
| 6   | 12208.925       | 51.50            | 2.38        | 74.0           | 22.50       | Peak     | 68.00          | 400         | Horizontal | Pass    |
| 6** | 12208.925       | 41.71            | 2.38        | 54.0           | 12.29       | AV       | 68.00          | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1331.200        | 40.02            | -17.58      | 74.0           | 33.98       | Peak     | 305.00         | 400         | Vertical | Pass    |
| 1** | 1331.200        | 28.60            | -17.58      | 54.0           | 25.40       | AV       | 305.00         | 400         | Vertical | Pass    |
| 2   | 2834.200        | 44.45            | -10.38      | 74.0           | 29.55       | Peak     | 335.00         | 100         | Vertical | Pass    |
| 2** | 2834.200        | 34.99            | -10.38      | 54.0           | 19.01       | AV       | 335.00         | 100         | Vertical | Pass    |
| 3   | 4262.800        | 48.63            | -4.44       | 74.0           | 25.37       | Peak     | 133.00         | 100         | Vertical | Pass    |
| 3** | 4262.800        | 40.31            | -4.44       | 54.0           | 13.69       | AV       | 133.00         | 100         | Vertical | Pass    |
| 4   | 5302.000        | 101.63           | -3.13       | --             | --          | Peak     | 62.00          | 300         | Vertical | N/A     |
| 4** | 5302.000        | 94.54            | -3.13       | --             | --          | AV       | 62.00          | 300         | Vertical | N/A     |
| 5   | 7066.988        | 49.66            | -2.61       | 68.2           | 18.54       | Peak     | 53.00          | 150         | Vertical | Pass    |
| 5** | 7066.988        | 45.61            | -2.61       | --             | --          | AV       | 53.00          | 150         | Vertical | N/A     |
| 6   | 12230.487       | 50.54            | 2.42        | 74.0           | 23.46       | Peak     | 354.00         | 400         | Vertical | Pass    |
| 6** | 12230.487       | 42.52            | 2.42        | 54.0           | 11.48       | AV       | 354.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1328.100        | 40.76            | -17.41      | 74.0           | 33.24       | Peak     | 200.00         | 300         | Horizontal | Pass    |
| 1** | 1328.100        | 30.44            | -17.41      | 54.0           | 23.56       | AV       | 200.00         | 300         | Horizontal | Pass    |
| 2   | 2724.200        | 44.10            | -10.50      | 74.0           | 29.90       | Peak     | 356.00         | 400         | Horizontal | Pass    |
| 2** | 2724.200        | 35.07            | -10.50      | 54.0           | 18.93       | AV       | 356.00         | 400         | Horizontal | Pass    |
| 3   | 4310.200        | 48.91            | -4.66       | 74.0           | 25.09       | Peak     | 60.00          | 200         | Horizontal | Pass    |
| 3** | 4310.200        | 39.89            | -4.66       | 54.0           | 14.11       | AV       | 60.00          | 200         | Horizontal | Pass    |
| 4   | 5321.200        | 109.02           | -3.22       | --             | --          | Peak     | 304.00         | 200         | Horizontal | N/A     |
| 4** | 5321.200        | 101.51           | -3.22       | --             | --          | AV       | 304.00         | 200         | Horizontal | N/A     |
| 5   | 7093.725        | 47.98            | -2.31       | 68.2           | 20.22       | Peak     | 315.00         | 150         | Horizontal | Pass    |
| 5** | 7093.725        | 45.03            | -2.31       | --             | --          | AV       | 315.00         | 150         | Horizontal | N/A     |
| 6   | 12177.013       | 50.87            | 2.66        | 74.0           | 23.13       | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 6** | 12177.013       | 42.16            | 2.66        | 54.0           | 11.84       | AV       | 0.00           | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1331.400        | 40.21            | -17.59      | 74.0           | 33.79       | Peak     | 350.00         | 300         | Vertical | Pass    |
| 1** | 1331.400        | 29.66            | -17.59      | 54.0           | 24.34       | AV       | 350.00         | 300         | Vertical | Pass    |
| 2   | 2724.000        | 45.08            | -10.51      | 74.0           | 28.92       | Peak     | 342.00         | 300         | Vertical | Pass    |
| 2** | 2724.000        | 35.28            | -10.51      | 54.0           | 18.72       | AV       | 342.00         | 300         | Vertical | Pass    |
| 3   | 4225.000        | 48.93            | -4.38       | 74.0           | 25.07       | Peak     | 166.00         | 200         | Vertical | Pass    |
| 3** | 4225.000        | 39.59            | -4.38       | 54.0           | 14.41       | AV       | 166.00         | 200         | Vertical | Pass    |
| 4   | 5318.600        | 101.87           | -3.07       | --             | --          | Peak     | 272.00         | 100         | Vertical | N/A     |
| 4** | 5318.600        | 94.78            | -3.07       | --             | --          | AV       | 272.00         | 100         | Vertical | N/A     |
| 5   | 7093.437        | 47.81            | -2.31       | 68.2           | 20.39       | Peak     | 267.00         | 150         | Vertical | Pass    |
| 5** | 7093.437        | 43.08            | -2.31       | --             | --          | AV       | 267.00         | 150         | Vertical | N/A     |
| 6   | 12220.425       | 51.34            | 2.42        | 74.0           | 22.66       | Peak     | 66.00          | 200         | Vertical | Pass    |
| 6** | 12220.425       | 42.65            | 2.42        | 54.0           | 11.35       | AV       | 66.00          | 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) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.500        | 39.83            | -17.55      | 74.0           | 34.17       | Peak     | 207.00         | 300         | Horizontal | Pass    |
| 1** | 1330.500        | 30.45            | -17.55      | 54.0           | 23.55       | AV       | 207.00         | 300         | Horizontal | Pass    |
| 2   | 2726.100        | 44.30            | -10.36      | 74.0           | 29.70       | Peak     | 356.00         | 200         | Horizontal | Pass    |
| 2** | 2726.100        | 35.05            | -10.36      | 54.0           | 18.95       | AV       | 356.00         | 200         | Horizontal | Pass    |
| 3   | 4276.600        | 48.87            | -4.53       | 74.0           | 25.13       | Peak     | 222.00         | 100         | Horizontal | Pass    |
| 3** | 4276.600        | 39.67            | -4.53       | 54.0           | 14.33       | AV       | 222.00         | 100         | Horizontal | Pass    |
| 4   | 5268.000        | 106.28           | -3.55       | --             | --          | Peak     | 315.00         | 150         | Horizontal | N/A     |
| 4** | 5268.000        | 98.91            | -3.55       | --             | --          | AV       | 315.00         | 150         | Horizontal | N/A     |
| 5   | 7026.737        | 51.21            | -2.38       | 68.2           | 16.99       | Peak     | 315.00         | 150         | Horizontal | Pass    |
| 5** | 7026.737        | 48.45            | -2.38       | --             | --          | AV       | 315.00         | 150         | Horizontal | N/A     |
| 6   | 12287.412       | 51.02            | 2.25        | 74.0           | 22.98       | Peak     | 344.00         | 400         | Horizontal | Pass    |
| 6** | 12287.412       | 41.90            | 2.25        | 54.0           | 12.10       | AV       | 344.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1326.900        | 44.10            | -17.47      | 74.0           | 29.90       | Peak     | 342.00         | 300         | Vertical | Pass    |
| 1** | 1326.900        | 28.80            | -17.47      | 54.0           | 25.20       | AV       | 342.00         | 300         | Vertical | Pass    |
| 2   | 2811.500        | 44.95            | -10.64      | 74.0           | 29.05       | Peak     | 355.00         | 300         | Vertical | Pass    |
| 2** | 2811.500        | 34.56            | -10.64      | 54.0           | 19.44       | AV       | 355.00         | 300         | Vertical | Pass    |
| 3   | 4298.400        | 49.44            | -4.50       | 74.0           | 24.56       | Peak     | 1.00           | 200         | Vertical | Pass    |
| 3** | 4298.400        | 39.85            | -4.50       | 54.0           | 14.15       | AV       | 1.00           | 200         | Vertical | Pass    |
| 4   | 5273.400        | 97.50            | -3.54       | --             | --          | Peak     | 109.00         | 200         | Vertical | N/A     |
| 4** | 5273.400        | 89.96            | -3.54       | --             | --          | AV       | 109.00         | 200         | Vertical | N/A     |
| 5   | 7027.025        | 48.96            | -2.37       | 68.2           | 19.24       | Peak     | 176.00         | 150         | Vertical | Pass    |
| 5** | 7027.025        | 46.47            | -2.37       | --             | --          | AV       | 176.00         | 150         | Vertical | N/A     |
| 6   | 12191.100       | 51.11            | 2.49        | 74.0           | 22.89       | Peak     | 0.00           | 200         | Vertical | Pass    |
| 6** | 12191.100       | 42.06            | 2.49        | 54.0           | 11.94       | AV       | 0.00           | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1333.500        | 41.40            | -17.63      | 74.0           | 32.60       | Peak     | 80.00          | 400         | Horizontal | Pass    |
| 1** | 1333.500        | 28.54            | -17.63      | 54.0           | 25.46       | AV       | 80.00          | 400         | Horizontal | Pass    |
| 2   | 2860.600        | 44.12            | -10.22      | 74.0           | 29.88       | Peak     | 127.00         | 200         | Horizontal | Pass    |
| 2** | 2860.600        | 35.01            | -10.22      | 54.0           | 18.99       | AV       | 127.00         | 200         | Horizontal | Pass    |
| 3   | 4249.600        | 48.78            | -4.64       | 74.0           | 25.22       | Peak     | 1.00           | 150         | Horizontal | Pass    |
| 3** | 4249.600        | 39.40            | -4.64       | 54.0           | 14.60       | AV       | 1.00           | 150         | Horizontal | Pass    |
| 4   | 5312.200        | 106.22           | -3.09       | --             | --          | Peak     | 311.00         | 400         | Horizontal | N/A     |
| 4** | 5312.200        | 98.16            | -3.09       | --             | --          | AV       | 311.00         | 400         | Horizontal | N/A     |
| 5   | 7079.925        | 49.83            | -2.48       | 68.2           | 18.37       | Peak     | 176.00         | 150         | Horizontal | Pass    |
| 5** | 7079.925        | 45.51            | -2.48       | --             | --          | AV       | 176.00         | 150         | Horizontal | N/A     |
| 6   | 12212.950       | 51.40            | 2.40        | 74.0           | 22.60       | Peak     | 353.00         | 300         | Horizontal | Pass    |
| 6** | 12212.950       | 42.16            | 2.40        | 54.0           | 11.84       | AV       | 353.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1330.300        | 40.32            | -17.54      | 74.0           | 33.68       | Peak     | 348.00         | 100         | Vertical | Pass    |
| 1** | 1330.300        | 28.82            | -17.54      | 54.0           | 25.18       | AV       | 348.00         | 100         | Vertical | Pass    |
| 2   | 2740.500        | 44.67            | -10.42      | 74.0           | 29.33       | Peak     | 240.00         | 200         | Vertical | Pass    |
| 2** | 2740.500        | 34.55            | -10.42      | 54.0           | 19.45       | AV       | 240.00         | 200         | Vertical | Pass    |
| 3   | 4311.200        | 48.60            | -4.65       | 74.0           | 25.40       | Peak     | 318.00         | 100         | Vertical | Pass    |
| 3** | 4311.200        | 40.13            | -4.65       | 54.0           | 13.87       | AV       | 318.00         | 100         | Vertical | Pass    |
| 4   | 5313.800        | 98.94            | -3.10       | --             | --          | Peak     | 86.00          | 100         | Vertical | N/A     |
| 4** | 5313.800        | 91.21            | -3.10       | --             | --          | AV       | 86.00          | 100         | Vertical | N/A     |
| 5   | 7080.212        | 48.96            | -2.48       | 68.2           | 19.24       | Peak     | 162.00         | 150         | Vertical | Pass    |
| 5** | 7080.212        | 44.18            | -2.48       | --             | --          | AV       | 162.00         | 150         | Vertical | N/A     |
| 6   | 12239.974       | 51.05            | 2.46        | 74.0           | 22.95       | Peak     | 98.00          | 200         | Vertical | Pass    |
| 6** | 12239.974       | 42.55            | 2.46        | 54.0           | 11.45       | AV       | 98.00          | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1336.600        | 38.96            | -17.56      | 74.0           | 35.04       | Peak     | 240.00         | 300         | Horizontal | Pass    |
| 1** | 1336.600        | 29.37            | -17.56      | 54.0           | 24.63       | AV       | 240.00         | 300         | Horizontal | Pass    |
| 2   | 2732.200        | 44.45            | -10.43      | 74.0           | 29.55       | Peak     | 1.00           | 300         | Horizontal | Pass    |
| 2** | 2732.200        | 34.81            | -10.43      | 54.0           | 19.19       | AV       | 1.00           | 300         | Horizontal | Pass    |
| 3   | 4244.400        | 49.05            | -4.86       | 74.0           | 24.95       | Peak     | 9.00           | 200         | Horizontal | Pass    |
| 3** | 4244.400        | 39.16            | -4.86       | 54.0           | 14.84       | AV       | 9.00           | 200         | Horizontal | Pass    |
| 4   | 5257.400        | 108.13           | -3.65       | --             | --          | Peak     | 305.00         | 300         | Horizontal | N/A     |
| 4** | 5257.400        | 101.16           | -3.65       | --             | --          | AV       | 305.00         | 300         | Horizontal | N/A     |
| 5   | 7013.513        | 52.58            | -2.06       | 68.2           | 15.62       | Peak     | 300.00         | 150         | Horizontal | Pass    |
| 5** | 7013.513        | 48.29            | -2.06       | --             | --          | AV       | 300.00         | 150         | Horizontal | N/A     |
| 6   | 12278.213       | 51.36            | 2.22        | 74.0           | 22.64       | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 6** | 12278.213       | 42.17            | 2.22        | 54.0           | 11.83       | AV       | 0.00           | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1331.500        | 40.26            | -17.59      | 74.0           | 33.74       | Peak     | 195.00         | 100         | Vertical | Pass    |
| 1** | 1331.500        | 33.48            | -17.59      | 54.0           | 20.52       | AV       | 195.00         | 100         | Vertical | Pass    |
| 2   | 2852.400        | 44.67            | -10.47      | 74.0           | 29.33       | Peak     | 310.00         | 200         | Vertical | Pass    |
| 2** | 2852.400        | 35.05            | -10.47      | 54.0           | 18.95       | AV       | 310.00         | 200         | Vertical | Pass    |
| 3   | 4248.600        | 49.08            | -4.69       | 74.0           | 24.92       | Peak     | 330.00         | 150         | Vertical | Pass    |
| 3** | 4248.600        | 39.68            | -4.69       | 54.0           | 14.32       | AV       | 330.00         | 150         | Vertical | Pass    |
| 4   | 5257.800        | 100.15           | -3.64       | --             | --          | Peak     | 98.00          | 300         | Vertical | N/A     |
| 4** | 5257.800        | 92.05            | -3.64       | --             | --          | AV       | 98.00          | 300         | Vertical | N/A     |
| 5   | 7566.087        | 47.98            | -2.48       | 74.0           | 26.02       | Peak     | 223.00         | 100         | Vertical | Pass    |
| 5** | 7566.087        | 39.47            | -2.48       | 54.0           | 14.53       | AV       | 223.00         | 100         | Vertical | Pass    |
| 6   | 12288.562       | 51.33            | 2.27        | 74.0           | 22.67       | Peak     | 206.00         | 400         | Vertical | Pass    |
| 6** | 12288.562       | 41.72            | 2.27        | 54.0           | 12.28       | AV       | 206.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1329.200        | 40.19            | -17.47      | 74.0           | 33.81       | Peak     | 211.00         | 400         | Horizontal | Pass    |
| 1** | 1329.200        | 29.93            | -17.47      | 54.0           | 24.07       | AV       | 211.00         | 400         | Horizontal | Pass    |
| 2   | 2851.100        | 44.04            | -10.54      | 74.0           | 29.96       | Peak     | 202.00         | 400         | Horizontal | Pass    |
| 2** | 2851.100        | 34.78            | -10.54      | 54.0           | 19.22       | AV       | 202.00         | 400         | Horizontal | Pass    |
| 3   | 4313.600        | 48.61            | -4.73       | 74.0           | 25.39       | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 3** | 4313.600        | 39.51            | -4.73       | 54.0           | 14.49       | AV       | 360.00         | 150         | Horizontal | Pass    |
| 4   | 5297.200        | 108.74           | -3.21       | --             | --          | Peak     | 316.00         | 400         | Horizontal | N/A     |
| 4** | 5297.200        | 101.69           | -3.21       | --             | --          | AV       | 316.00         | 400         | Horizontal | N/A     |
| 5   | 7066.988        | 49.70            | -2.61       | 68.2           | 18.50       | Peak     | 298.00         | 150         | Horizontal | Pass    |
| 5** | 7066.988        | 47.82            | -2.61       | --             | --          | AV       | 298.00         | 150         | Horizontal | N/A     |
| 6   | 12275.912       | 51.34            | 2.23        | 74.0           | 22.66       | Peak     | 18.00          | 100         | Horizontal | Pass    |
| 6** | 12275.912       | 41.19            | 2.23        | 54.0           | 12.81       | AV       | 18.00          | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1327.400        | 41.48            | -17.44      | 74.0           | 32.52       | Peak     | 336.00         | 200         | Vertical | Pass    |
| 1** | 1327.400        | 29.98            | -17.44      | 54.0           | 24.02       | AV       | 336.00         | 200         | Vertical | Pass    |
| 2   | 2841.500        | 44.51            | -10.57      | 74.0           | 29.49       | Peak     | 91.00          | 100         | Vertical | Pass    |
| 2** | 2841.500        | 35.22            | -10.57      | 54.0           | 18.78       | AV       | 91.00          | 100         | Vertical | Pass    |
| 3   | 4219.000        | 48.67            | -4.55       | 74.0           | 25.33       | Peak     | 316.00         | 150         | Vertical | Pass    |
| 3** | 4219.000        | 40.12            | -4.55       | 54.0           | 13.88       | AV       | 316.00         | 150         | Vertical | Pass    |
| 4   | 5298.800        | 101.53           | -3.18       | --             | --          | Peak     | 95.00          | 400         | Vertical | N/A     |
| 4** | 5298.800        | 94.53            | -3.18       | --             | --          | AV       | 95.00          | 400         | Vertical | N/A     |
| 5   | 7066.988        | 48.91            | -2.61       | 68.2           | 19.29       | Peak     | 35.00          | 150         | Vertical | Pass    |
| 5** | 7066.988        | 45.80            | -2.61       | --             | --          | AV       | 35.00          | 150         | Vertical | N/A     |
| 6   | 12173.275       | 51.35            | 2.62        | 74.0           | 22.65       | Peak     | 220.00         | 200         | Vertical | Pass    |
| 6** | 12173.275       | 41.97            | 2.62        | 54.0           | 12.03       | AV       | 220.00         | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1337.100        | 38.45            | -17.54      | 74.0           | 35.55       | Peak     | 342.00         | 100         | Horizontal | Pass    |
| 1** | 1337.100        | 28.92            | -17.54      | 54.0           | 25.08       | AV       | 342.00         | 100         | Horizontal | Pass    |
| 2   | 2837.400        | 44.24            | -10.31      | 74.0           | 29.76       | Peak     | 98.00          | 200         | Horizontal | Pass    |
| 2** | 2837.400        | 35.29            | -10.31      | 54.0           | 18.71       | AV       | 98.00          | 200         | Horizontal | Pass    |
| 3   | 4299.000        | 48.69            | -4.50       | 74.0           | 25.31       | Peak     | 189.00         | 100         | Horizontal | Pass    |
| 3** | 4299.000        | 39.79            | -4.50       | 54.0           | 14.21       | AV       | 189.00         | 100         | Horizontal | Pass    |
| 4   | 5315.800        | 107.97           | -3.09       | --             | --          | Peak     | 307.00         | 300         | Horizontal | N/A     |
| 4** | 5315.800        | 100.21           | -3.09       | --             | --          | AV       | 307.00         | 300         | Horizontal | N/A     |
| 5   | 7093.437        | 48.57            | -2.31       | 68.2           | 19.63       | Peak     | 198.00         | 150         | Horizontal | Pass    |
| 5** | 7093.437        | 44.43            | -2.31       | --             | --          | AV       | 198.00         | 150         | Horizontal | N/A     |
| 6   | 12204.037       | 51.75            | 2.39        | 74.0           | 22.25       | Peak     | 359.00         | 400         | Horizontal | Pass    |
| 6** | 12204.037       | 42.68            | 2.39        | 54.0           | 11.32       | AV       | 359.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1328.300        | 43.39            | -17.41      | 74.0           | 30.61       | Peak     | 327.00         | 200         | Vertical | Pass    |
| 1** | 1328.300        | 30.21            | -17.41      | 54.0           | 23.79       | AV       | 327.00         | 200         | Vertical | Pass    |
| 2   | 2857.000        | 44.44            | -10.24      | 74.0           | 29.56       | Peak     | 54.00          | 400         | Vertical | Pass    |
| 2** | 2857.000        | 34.90            | -10.24      | 54.0           | 19.10       | AV       | 54.00          | 400         | Vertical | Pass    |
| 3   | 4366.000        | 48.91            | -5.07       | 74.0           | 25.09       | Peak     | 360.00         | 200         | Vertical | Pass    |
| 3** | 4366.000        | 38.54            | -5.07       | 54.0           | 15.46       | AV       | 360.00         | 200         | Vertical | Pass    |
| 4   | 5320.400        | 101.33           | -3.17       | --             | --          | Peak     | 95.00          | 300         | Vertical | N/A     |
| 4** | 5320.400        | 92.98            | -3.17       | --             | --          | AV       | 95.00          | 300         | Vertical | N/A     |
| 5   | 7093.437        | 47.25            | -2.31       | 68.2           | 20.95       | Peak     | 0.00           | 150         | Vertical | Pass    |
| 5** | 7093.437        | 42.91            | -2.31       | --             | --          | AV       | 0.00           | 150         | Vertical | N/A     |
| 6   | 12215.537       | 51.22            | 2.41        | 74.0           | 22.78       | Peak     | 300.00         | 300         | Vertical | Pass    |
| 6** | 12215.537       | 41.57            | 2.41        | 54.0           | 12.43       | AV       | 300.00         | 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) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.000        | 41.95            | -17.52      | 74.0           | 32.05       | Peak     | 170.00         | 100         | Horizontal | Pass    |
| 1** | 1330.000        | 29.36            | -17.52      | 54.0           | 24.64       | AV       | 170.00         | 100         | Horizontal | Pass    |
| 2   | 2873.900        | 44.95            | -10.45      | 74.0           | 29.05       | Peak     | 188.00         | 100         | Horizontal | Pass    |
| 2** | 2873.900        | 34.86            | -10.45      | 54.0           | 19.14       | AV       | 188.00         | 100         | Horizontal | Pass    |
| 3   | 4216.600        | 49.51            | -4.72       | 74.0           | 24.49       | Peak     | 68.00          | 150         | Horizontal | Pass    |
| 3** | 4216.600        | 39.14            | -4.72       | 54.0           | 14.86       | AV       | 68.00          | 150         | Horizontal | Pass    |
| 4   | 5272.800        | 101.39           | -3.54       | --             | --          | Peak     | 321.00         | 200         | Horizontal | N/A     |
| 4** | 5272.800        | 94.09            | -3.54       | --             | --          | AV       | 321.00         | 200         | Horizontal | N/A     |
| 5   | 7026.737        | 53.01            | -2.38       | 68.2           | 15.19       | Peak     | 294.00         | 150         | Horizontal | Pass    |
| 5** | 7026.737        | 49.90            | -2.38       | --             | --          | AV       | 294.00         | 150         | Horizontal | N/A     |
| 6   | 12295.463       | 51.55            | 2.29        | 74.0           | 22.45       | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 6** | 12295.463       | 41.67            | 2.29        | 54.0           | 12.33       | AV       | 360.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1326.600        | 39.61            | -17.48      | 74.0           | 34.39       | Peak     | 210.00         | 300         | Vertical | Pass    |
| 1** | 1326.600        | 29.97            | -17.48      | 54.0           | 24.03       | AV       | 210.00         | 300         | Vertical | Pass    |
| 2   | 2873.500        | 44.20            | -10.46      | 74.0           | 29.80       | Peak     | 2.00           | 200         | Vertical | Pass    |
| 2** | 2873.500        | 36.04            | -10.46      | 54.0           | 17.96       | AV       | 2.00           | 200         | Vertical | Pass    |
| 3   | 4298.000        | 48.66            | -4.51       | 74.0           | 25.34       | Peak     | 359.00         | 100         | Vertical | Pass    |
| 3** | 4298.000        | 40.02            | -4.51       | 54.0           | 13.98       | AV       | 359.00         | 100         | Vertical | Pass    |
| 4   | 5268.600        | 92.90            | -3.54       | --             | 8.10        | Peak     | 101.00         | 400         | Vertical | Pass    |
| 4** | 5268.600        | 85.08            | -3.54       | --             | -85.08      | AV       | 101.00         | 400         | Vertical | N/A     |
| 5   | 7027.025        | 50.32            | -2.37       | 68.2           | 17.88       | Peak     | 139.00         | 150         | Vertical | Pass    |
| 5** | 7027.025        | 47.28            | -2.37       | --             | -47.28      | AV       | 139.00         | 150         | Vertical | N/A     |
| 6   | 12209.500       | 51.39            | 2.38        | 74.0           | 22.61       | Peak     | 186.00         | 400         | Vertical | Pass    |
| 6** | 12209.500       | 41.80            | 2.38        | 54.0           | 12.20       | AV       | 186.00         | 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) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1332.400        | 40.91            | -17.62      | 74.0           | 33.09       | Peak     | 163.00         | 300         | Horizontal | Pass    |
| 1** | 1332.400        | 29.23            | -17.62      | 54.0           | 24.77       | AV       | 163.00         | 300         | Horizontal | Pass    |
| 2   | 2878.900        | 44.16            | -10.29      | 74.0           | 29.84       | Peak     | 210.00         | 200         | Horizontal | Pass    |
| 2** | 2878.900        | 35.27            | -10.29      | 54.0           | 18.73       | AV       | 210.00         | 200         | Horizontal | Pass    |
| 3   | 4275.000        | 48.91            | -4.57       | 74.0           | 25.09       | Peak     | 169.00         | 200         | Horizontal | Pass    |
| 3** | 4275.000        | 39.78            | -4.57       | 54.0           | 14.22       | AV       | 169.00         | 200         | Horizontal | Pass    |
| 4   | 5307.200        | 106.06           | -3.09       | --             | --          | Peak     | 322.00         | 100         | Horizontal | N/A     |
| 4** | 5307.200        | 98.35            | -3.09       | --             | --          | AV       | 322.00         | 100         | Horizontal | N/A     |
| 5   | 7080.212        | 49.31            | -2.48       | 68.2           | 18.89       | Peak     | 308.00         | 150         | Horizontal | Pass    |
| 5** | 7080.212        | 46.27            | -2.48       | --             | --          | AV       | 308.00         | 150         | Horizontal | N/A     |
| 6   | 12230.776       | 50.90            | 2.42        | 74.0           | 23.10       | Peak     | 245.00         | 200         | Horizontal | Pass    |
| 6** | 12230.776       | 41.50            | 2.42        | 54.0           | 12.50       | AV       | 245.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1332.100        | 39.20            | -17.61      | 74.0           | 34.80       | Peak     | 306.00         | 100         | Vertical | Pass    |
| 1** | 1332.100        | 29.23            | -17.61      | 54.0           | 24.77       | AV       | 306.00         | 100         | Vertical | Pass    |
| 2   | 2817.600        | 45.13            | -10.40      | 74.0           | 28.87       | Peak     | 130.00         | 300         | Vertical | Pass    |
| 2** | 2817.600        | 34.62            | -10.40      | 54.0           | 19.38       | AV       | 130.00         | 300         | Vertical | Pass    |
| 3   | 4201.600        | 48.85            | -5.12       | 74.0           | 25.15       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 3** | 4201.600        | 38.57            | -5.12       | 54.0           | 15.43       | AV       | 0.00           | 100         | Vertical | Pass    |
| 4   | 5312.000        | 98.82            | -3.08       | --             | --          | Peak     | 101.00         | 100         | Vertical | N/A     |
| 4** | 5312.000        | 91.41            | -3.08       | --             | --          | AV       | 101.00         | 100         | Vertical | N/A     |
| 5   | 7080.212        | 49.07            | -2.48       | 68.2           | 19.13       | Peak     | 137.00         | 150         | Vertical | Pass    |
| 5** | 7080.212        | 45.83            | -2.48       | --             | --          | AV       | 137.00         | 150         | Vertical | N/A     |
| 6   | 11686.250       | 50.81            | 1.77        | 74.0           | 23.19       | Peak     | 184.00         | 400         | Vertical | Pass    |
| 6** | 11686.250       | 41.33            | 1.77        | 54.0           | 12.67       | AV       | 184.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.500        | 41.37            | -17.55      | 74.0           | 32.63       | Peak     | 202.00         | 400         | Horizontal | Pass    |
| 1** | 1330.500        | 33.62            | -17.55      | 54.0           | 20.38       | AV       | 202.00         | 400         | Horizontal | Pass    |
| 2   | 2839.400        | 44.94            | -10.48      | 74.0           | 29.06       | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 2** | 2839.400        | 34.76            | -10.48      | 54.0           | 19.24       | AV       | 0.00           | 400         | Horizontal | Pass    |
| 3   | 4327.600        | 49.06            | -4.74       | 74.0           | 24.94       | Peak     | 234.00         | 150         | Horizontal | Pass    |
| 3** | 4327.600        | 39.11            | -4.74       | 54.0           | 14.89       | AV       | 234.00         | 150         | Horizontal | Pass    |
| 4   | 5287.600        | 97.40            | -3.37       | --             | --          | Peak     | 316.00         | 300         | Horizontal | N/A     |
| 4** | 5287.600        | 89.48            | -3.37       | --             | --          | AV       | 316.00         | 300         | Horizontal | N/A     |
| 5   | 7053.475        | 51.75            | -2.53       | 68.2           | 16.45       | Peak     | 315.00         | 150         | Horizontal | Pass    |
| 5** | 7053.475        | 49.38            | -2.53       | --             | --          | AV       | 315.00         | 150         | Horizontal | N/A     |
| 6   | 12338.588       | 51.33            | 1.74        | 74.0           | 22.67       | Peak     | 52.00          | 400         | Horizontal | Pass    |
| 6** | 12338.588       | 40.88            | 1.74        | 54.0           | 13.12       | AV       | 52.00          | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1333.500        | 41.21            | -17.63      | 74.0           | 32.79       | Peak     | 143.00         | 400         | Vertical | Pass    |
| 1** | 1333.500        | 29.12            | -17.63      | 54.0           | 24.88       | AV       | 143.00         | 400         | Vertical | Pass    |
| 2   | 2742.800        | 44.16            | -10.32      | 74.0           | 29.84       | Peak     | 0.00           | 200         | Vertical | Pass    |
| 2** | 2742.800        | 34.91            | -10.32      | 54.0           | 19.09       | AV       | 0.00           | 200         | Vertical | Pass    |
| 3   | 4293.200        | 49.06            | -4.57       | 74.0           | 24.94       | Peak     | 86.00          | 100         | Vertical | Pass    |
| 3** | 4293.200        | 39.96            | -4.57       | 54.0           | 14.04       | AV       | 86.00          | 100         | Vertical | Pass    |
| 4   | 5295.000        | 89.16            | -3.26       | --             | --          | Peak     | 272.00         | 300         | Vertical | N/A     |
| 4** | 5295.000        | 81.70            | -3.26       | --             | --          | AV       | 272.00         | 300         | Vertical | N/A     |
| 5   | 7053.475        | 50.25            | -2.53       | 68.2           | 17.95       | Peak     | 150.00         | 150         | Vertical | Pass    |
| 5** | 7053.475        | 47.11            | -2.53       | --             | --          | AV       | 150.00         | 150         | Vertical | N/A     |
| 6   | 11650.025       | 50.87            | 1.95        | 74.0           | 23.13       | Peak     | 0.00           | 400         | Vertical | Pass    |
| 6** | 11650.025       | 41.32            | 1.95        | 54.0           | 12.68       | AV       | 0.00           | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1331.600        | 40.09            | -17.59      | 74.0           | 33.91       | Peak     | 173.00         | 300         | Horizontal | Pass    |
| 1** | 1331.600        | 29.02            | -17.59      | 54.0           | 24.98       | AV       | 173.00         | 300         | Horizontal | Pass    |
| 2   | 2745.300        | 44.57            | -10.32      | 74.0           | 29.43       | Peak     | 132.00         | 300         | Horizontal | Pass    |
| 2** | 2745.300        | 34.87            | -10.32      | 54.0           | 19.13       | AV       | 132.00         | 300         | Horizontal | Pass    |
| 3   | 4276.000        | 49.48            | -4.55       | 74.0           | 24.52       | Peak     | 126.00         | 150         | Horizontal | Pass    |
| 3** | 4276.000        | 40.46            | -4.55       | 54.0           | 13.54       | AV       | 126.00         | 150         | Horizontal | Pass    |
| 4   | 5498.400        | 107.12           | -2.69       | --             | --          | Peak     | 85.00          | 400         | Horizontal | N/A     |
| 4** | 5498.400        | 99.00            | -2.69       | --             | --          | AV       | 85.00          | 400         | Horizontal | N/A     |
| 5   | 7333.500        | 49.19            | -3.13       | 74.0           | 24.81       | Peak     | 70.00          | 150         | Horizontal | Pass    |
| 5** | 7333.500        | 45.00            | -3.13       | 54.0           | 9.00        | AV       | 70.00          | 150         | Horizontal | Pass    |
| 6   | 12211.800       | 51.16            | 2.39        | 74.0           | 22.84       | Peak     | 81.00          | 100         | Horizontal | Pass    |
| 6** | 12211.800       | 42.12            | 2.39        | 54.0           | 11.88       | AV       | 81.00          | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1328.300        | 42.52            | -17.41      | 74.0           | 31.48       | Peak     | 344.00         | 400         | Vertical | Pass    |
| 1** | 1328.300        | 35.70            | -17.41      | 54.0           | 18.30       | AV       | 344.00         | 400         | Vertical | Pass    |
| 2   | 2805.100        | 44.54            | -10.55      | 74.0           | 29.46       | Peak     | 93.00          | 100         | Vertical | Pass    |
| 2** | 2805.100        | 34.57            | -10.55      | 54.0           | 19.43       | AV       | 93.00          | 100         | Vertical | Pass    |
| 3   | 4327.000        | 49.45            | -4.78       | 74.0           | 24.55       | Peak     | 287.00         | 100         | Vertical | Pass    |
| 3** | 4327.000        | 39.63            | -4.78       | 54.0           | 14.37       | AV       | 287.00         | 100         | Vertical | Pass    |
| 4   | 5501.400        | 101.89           | -2.67       | --             | --          | Peak     | 230.00         | 400         | Vertical | N/A     |
| 4** | 5501.400        | 94.35            | -2.67       | --             | --          | AV       | 230.00         | 400         | Vertical | N/A     |
| 5   | 7568.675        | 48.38            | -2.43       | 74.0           | 25.62       | Peak     | 156.00         | 200         | Vertical | Pass    |
| 5** | 7568.675        | 38.85            | -2.43       | 54.0           | 15.15       | AV       | 156.00         | 200         | Vertical | Pass    |
| 6   | 11693.725       | 51.65            | 1.60        | 74.0           | 22.35       | Peak     | 295.00         | 100         | Vertical | Pass    |
| 6** | 11693.725       | 42.86            | 1.60        | 54.0           | 11.14       | AV       | 295.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1331.000        | 41.53            | -17.57      | 74.0           | 32.47       | Peak     | 293.00         | 400         | Horizontal | Pass    |
| 1** | 1331.000        | 29.06            | -17.57      | 54.0           | 24.94       | AV       | 293.00         | 400         | Horizontal | Pass    |
| 2   | 2762.900        | 44.42            | -10.87      | 74.0           | 29.58       | Peak     | 190.00         | 300         | Horizontal | Pass    |
| 2** | 2762.900        | 34.67            | -10.87      | 54.0           | 19.33       | AV       | 190.00         | 300         | Horizontal | Pass    |
| 3   | 4269.600        | 49.78            | -4.63       | 74.0           | 24.22       | Peak     | 57.00          | 200         | Horizontal | Pass    |
| 3** | 4269.600        | 40.18            | -4.63       | 54.0           | 13.82       | AV       | 57.00          | 200         | Horizontal | Pass    |
| 4   | 5581.400        | 107.85           | -3.22       | --             | --          | Peak     | 313.00         | 300         | Horizontal | N/A     |
| 4** | 5581.400        | 99.83            | -3.22       | --             | --          | AV       | 313.00         | 300         | Horizontal | N/A     |
| 5   | 7440.163        | 48.49            | -2.58       | 74.0           | 25.51       | Peak     | 42.00          | 150         | Horizontal | Pass    |
| 5** | 7440.163        | 44.68            | -2.58       | 54.0           | 9.32        | AV       | 42.00          | 150         | Horizontal | Pass    |
| 6   | 12355.838       | 51.33            | 1.49        | 74.0           | 22.67       | Peak     | 227.00         | 100         | Horizontal | Pass    |
| 6** | 12355.838       | 40.99            | 1.49        | 54.0           | 13.01       | AV       | 227.00         | 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) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1329.300        | 41.28            | -17.48      | 74.0           | 32.72       | Peak     | 326.00         | 300         | Vertical | Pass    |
| 1** | 1329.300        | 29.94            | -17.48      | 54.0           | 24.06       | AV       | 326.00         | 300         | Vertical | Pass    |
| 2   | 2818.100        | 44.52            | -10.37      | 74.0           | 29.48       | Peak     | 117.00         | 400         | Vertical | Pass    |
| 2** | 2818.100        | 35.02            | -10.37      | 54.0           | 18.98       | AV       | 117.00         | 400         | Vertical | Pass    |
| 3   | 4295.400        | 49.33            | -4.49       | 74.0           | 24.67       | Peak     | 352.00         | 200         | Vertical | Pass    |
| 3** | 4295.400        | 40.26            | -4.49       | 54.0           | 13.74       | AV       | 352.00         | 200         | Vertical | Pass    |
| 4   | 5581.400        | 101.91           | -3.22       | --             | --          | Peak     | 233.00         | 200         | Vertical | N/A     |
| 4** | 5581.400        | 93.84            | -3.22       | --             | --          | AV       | 233.00         | 200         | Vertical | N/A     |
| 5   | 7560.337        | 47.66            | -2.39       | 74.0           | 26.34       | Peak     | 13.00          | 150         | Vertical | Pass    |
| 5** | 7560.337        | 39.47            | -2.39       | 54.0           | 14.53       | AV       | 13.00          | 150         | Vertical | Pass    |
| 6   | 12269.587       | 51.83            | 2.28        | 74.0           | 22.17       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 6** | 12269.587       | 42.09            | 2.28        | 54.0           | 11.91       | AV       | 0.00           | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.400        | 41.64            | -17.55      | 74.0           | 32.36       | Peak     | 163.00         | 400         | Horizontal | Pass    |
| 1** | 1330.400        | 33.79            | -17.55      | 54.0           | 20.21       | AV       | 163.00         | 400         | Horizontal | Pass    |
| 2   | 2730.100        | 44.59            | -10.30      | 74.0           | 29.41       | Peak     | 163.00         | 300         | Horizontal | Pass    |
| 2** | 2730.100        | 34.64            | -10.30      | 54.0           | 19.36       | AV       | 163.00         | 300         | Horizontal | Pass    |
| 3   | 4308.000        | 48.99            | -4.57       | 74.0           | 25.01       | Peak     | 65.00          | 150         | Horizontal | Pass    |
| 3** | 4308.000        | 39.28            | -4.57       | 54.0           | 14.72       | AV       | 65.00          | 150         | Horizontal | Pass    |
| 4   | 5700.400        | 106.40           | -3.82       | --             | --          | Peak     | 315.00         | 300         | Horizontal | N/A     |
| 4** | 5700.400        | 99.13            | -3.82       | --             | --          | AV       | 315.00         | 300         | Horizontal | N/A     |
| 5   | 7600.013        | 47.92            | -3.06       | 74.0           | 26.08       | Peak     | 40.00          | 150         | Horizontal | Pass    |
| 5** | 7600.013        | 43.41            | -3.06       | 54.0           | 10.59       | AV       | 40.00          | 150         | Horizontal | Pass    |
| 6   | 12281.662       | 51.20            | 2.23        | 74.0           | 22.80       | Peak     | 4.00           | 100         | Horizontal | Pass    |
| 6** | 12281.662       | 41.76            | 2.23        | 54.0           | 12.24       | AV       | 4.00           | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1327.200        | 41.60            | -17.45      | 74.0           | 32.40       | Peak     | 136.00         | 100         | Vertical | Pass    |
| 1** | 1327.200        | 31.20            | -17.45      | 54.0           | 22.80       | AV       | 136.00         | 100         | Vertical | Pass    |
| 2   | 2859.300        | 44.58            | -10.23      | 74.0           | 29.42       | Peak     | 6.00           | 100         | Vertical | Pass    |
| 2** | 2859.300        | 34.84            | -10.23      | 54.0           | 19.16       | AV       | 6.00           | 100         | Vertical | Pass    |
| 3   | 4336.600        | 48.61            | -4.73       | 74.0           | 25.39       | Peak     | 49.00          | 100         | Vertical | Pass    |
| 3** | 4336.600        | 39.25            | -4.73       | 54.0           | 14.75       | AV       | 49.00          | 100         | Vertical | Pass    |
| 4   | 5696.600        | 100.37           | -3.62       | --             | --          | Peak     | 49.00          | 200         | Vertical | N/A     |
| 4** | 5696.600        | 92.37            | -3.62       | --             | --          | AV       | 49.00          | 200         | Vertical | N/A     |
| 5   | 7439.013        | 48.45            | -2.52       | 74.0           | 25.55       | Peak     | 2.00           | 150         | Vertical | Pass    |
| 5** | 7439.013        | 38.90            | -2.52       | 54.0           | 15.10       | AV       | 2.00           | 150         | Vertical | Pass    |
| 6   | 12168.674       | 51.14            | 2.49        | 74.0           | 22.86       | Peak     | 1.00           | 200         | Vertical | Pass    |
| 6** | 12168.674       | 42.16            | 2.49        | 54.0           | 11.84       | AV       | 1.00           | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.400        | 43.13            | -17.55      | 74.0           | 30.87       | Peak     | 171.00         | 400         | Horizontal | Pass    |
| 1** | 1330.400        | 29.49            | -17.55      | 54.0           | 24.51       | AV       | 171.00         | 400         | Horizontal | Pass    |
| 2   | 2820.000        | 44.74            | -10.29      | 74.0           | 29.26       | Peak     | 320.00         | 300         | Horizontal | Pass    |
| 2** | 2820.000        | 34.91            | -10.29      | 54.0           | 19.09       | AV       | 320.00         | 300         | Horizontal | Pass    |
| 3   | 4272.600        | 48.81            | -4.59       | 74.0           | 25.19       | Peak     | 89.00          | 100         | Horizontal | Pass    |
| 3** | 4272.600        | 40.15            | -4.59       | 54.0           | 13.85       | AV       | 89.00          | 100         | Horizontal | Pass    |
| 4   | 5501.200        | 105.62           | -2.68       | --             | --          | Peak     | 316.00         | 400         | Horizontal | N/A     |
| 4** | 5501.200        | 97.91            | -2.68       | --             | --          | AV       | 316.00         | 400         | Horizontal | N/A     |
| 5   | 7333.500        | 48.53            | -3.13       | 74.0           | 25.47       | Peak     | 64.00          | 150         | Horizontal | Pass    |
| 5** | 7333.500        | 45.17            | -3.13       | 54.0           | 8.83        | AV       | 64.00          | 150         | Horizontal | Pass    |
| 6   | 12167.812       | 51.78            | 2.50        | 74.0           | 22.22       | Peak     | 279.00         | 400         | Horizontal | Pass    |
| 6** | 12167.812       | 41.77            | 2.50        | 54.0           | 12.23       | AV       | 279.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1599.200        | 39.60            | -17.62      | 74.0           | 34.40       | Peak     | 360.00         | 150         | Vertical | Pass    |
| 1** | 1599.200        | 30.95            | -17.62      | 54.0           | 23.05       | AV       | 360.00         | 150         | Vertical | Pass    |
| 2   | 2734.000        | 44.35            | -10.44      | 74.0           | 29.65       | Peak     | 294.00         | 200         | Vertical | Pass    |
| 2** | 2734.000        | 34.63            | -10.44      | 54.0           | 19.37       | AV       | 294.00         | 200         | Vertical | Pass    |
| 3   | 4298.000        | 49.83            | -4.51       | 74.0           | 24.17       | Peak     | 168.00         | 100         | Vertical | Pass    |
| 3** | 4298.000        | 40.69            | -4.51       | 54.0           | 13.31       | AV       | 168.00         | 100         | Vertical | Pass    |
| 4   | 5498.800        | 100.77           | -2.70       | --             | --          | Peak     | 248.00         | 300         | Vertical | N/A     |
| 4** | 5498.800        | 93.93            | -2.70       | --             | --          | AV       | 248.00         | 300         | Vertical | N/A     |
| 5   | 7409.400        | 47.86            | -2.38       | 74.0           | 26.14       | Peak     | 117.00         | 200         | Vertical | Pass    |
| 5** | 7409.400        | 38.57            | -2.38       | 54.0           | 15.43       | AV       | 117.00         | 200         | Vertical | Pass    |
| 6   | 12186.213       | 51.34            | 2.56        | 74.0           | 22.66       | Peak     | 360.00         | 200         | Vertical | Pass    |
| 6** | 12186.213       | 42.67            | 2.56        | 54.0           | 11.33       | AV       | 360.00         | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.500        | 40.91            | -17.55      | 74.0           | 33.09       | Peak     | 30.00          | 100         | Horizontal | Pass    |
| 1** | 1330.500        | 30.35            | -17.55      | 54.0           | 23.65       | AV       | 30.00          | 100         | Horizontal | Pass    |
| 2   | 2792.900        | 44.63            | -11.03      | 74.0           | 29.37       | Peak     | 357.00         | 300         | Horizontal | Pass    |
| 2** | 2792.900        | 35.03            | -11.03      | 54.0           | 18.97       | AV       | 357.00         | 300         | Horizontal | Pass    |
| 3   | 4331.600        | 48.71            | -4.68       | 74.0           | 25.29       | Peak     | 2.00           | 100         | Horizontal | Pass    |
| 3** | 4331.600        | 39.26            | -4.68       | 54.0           | 14.74       | AV       | 2.00           | 100         | Horizontal | Pass    |
| 4   | 5581.400        | 107.05           | -3.22       | --             | --          | Peak     | 306.00         | 100         | Horizontal | N/A     |
| 4** | 5581.400        | 100.82           | -3.22       | --             | --          | AV       | 306.00         | 100         | Horizontal | N/A     |
| 5   | 7440.163        | 48.90            | -2.58       | 74.0           | 25.10       | Peak     | 284.00         | 150         | Horizontal | Pass    |
| 5** | 7440.163        | 45.00            | -2.58       | 54.0           | 9.00        | AV       | 284.00         | 150         | Horizontal | Pass    |
| 6   | 12276.200       | 51.20            | 2.23        | 74.0           | 22.80       | Peak     | 80.00          | 100         | Horizontal | Pass    |
| 6** | 12276.200       | 41.67            | 2.23        | 54.0           | 12.33       | AV       | 80.00          | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1328.100        | 43.96            | -17.41      | 74.0           | 30.04       | Peak     | 122.00         | 400         | Vertical | Pass    |
| 1** | 1328.100        | 36.69            | -17.41      | 54.0           | 17.31       | AV       | 122.00         | 400         | Vertical | Pass    |
| 2   | 2744.300        | 45.11            | -10.31      | 74.0           | 28.89       | Peak     | 254.00         | 400         | Vertical | Pass    |
| 2** | 2744.300        | 35.07            | -10.31      | 54.0           | 18.93       | AV       | 254.00         | 400         | Vertical | Pass    |
| 3   | 4281.600        | 49.52            | -4.56       | 74.0           | 24.48       | Peak     | 299.00         | 150         | Vertical | Pass    |
| 3** | 4281.600        | 39.80            | -4.56       | 54.0           | 14.20       | AV       | 299.00         | 150         | Vertical | Pass    |
| 4   | 5583.200        | 101.29           | -3.21       | --             | --          | Peak     | 235.00         | 100         | Vertical | N/A     |
| 4** | 5583.200        | 93.10            | -3.21       | --             | --          | AV       | 235.00         | 100         | Vertical | N/A     |
| 5   | 7428.087        | 48.73            | -2.29       | 74.0           | 25.27       | Peak     | 112.00         | 150         | Vertical | Pass    |
| 5** | 7428.087        | 39.81            | -2.29       | 54.0           | 14.19       | AV       | 112.00         | 150         | Vertical | Pass    |
| 6   | 12205.763       | 50.80            | 2.38        | 74.0           | 23.20       | Peak     | 284.00         | 100         | Vertical | Pass    |
| 6** | 12205.763       | 42.64            | 2.38        | 54.0           | 11.36       | AV       | 284.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1598.300        | 39.74            | -17.63      | 74.0           | 34.26       | Peak     | 310.00         | 150         | Horizontal | Pass    |
| 1** | 1598.300        | 29.71            | -17.63      | 54.0           | 24.29       | AV       | 310.00         | 150         | Horizontal | Pass    |
| 2   | 2797.100        | 44.57            | -10.88      | 74.0           | 29.43       | Peak     | 33.00          | 300         | Horizontal | Pass    |
| 2** | 2797.100        | 35.24            | -10.88      | 54.0           | 18.76       | AV       | 33.00          | 300         | Horizontal | Pass    |
| 3   | 4303.400        | 49.24            | -4.64       | 74.0           | 24.76       | Peak     | 21.00          | 200         | Horizontal | Pass    |
| 3** | 4303.400        | 40.08            | -4.64       | 54.0           | 13.92       | AV       | 21.00          | 200         | Horizontal | Pass    |
| 4   | 5698.800        | 106.00           | -3.78       | --             | --          | Peak     | 112.00         | 300         | Horizontal | N/A     |
| 4** | 5698.800        | 99.90            | -3.78       | --             | --          | AV       | 112.00         | 300         | Horizontal | N/A     |
| 5   | 7600.013        | 48.13            | -3.06       | 74.0           | 25.87       | Peak     | 96.00          | 150         | Horizontal | Pass    |
| 5** | 7600.013        | 42.91            | -3.06       | 54.0           | 11.09       | AV       | 96.00          | 150         | Horizontal | Pass    |
| 6   | 12221.287       | 51.55            | 2.42        | 74.0           | 22.45       | Peak     | 65.00          | 100         | Horizontal | Pass    |
| 6** | 12221.287       | 42.18            | 2.42        | 54.0           | 11.82       | AV       | 65.00          | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1533.500        | 39.49            | -17.68      | 74.0           | 34.51       | Peak     | 91.00          | 150         | Vertical | Pass    |
| 1** | 1533.500        | 29.68            | -17.68      | 54.0           | 24.32       | AV       | 91.00          | 150         | Vertical | Pass    |
| 2   | 2771.100        | 45.09            | -11.05      | 74.0           | 28.91       | Peak     | 224.00         | 400         | Vertical | Pass    |
| 2** | 2771.100        | 35.43            | -11.05      | 54.0           | 18.57       | AV       | 224.00         | 400         | Vertical | Pass    |
| 3   | 4273.800        | 48.70            | -4.59       | 74.0           | 25.30       | Peak     | 321.00         | 200         | Vertical | Pass    |
| 3** | 4273.800        | 40.10            | -4.59       | 54.0           | 13.90       | AV       | 321.00         | 200         | Vertical | Pass    |
| 4   | 5701.200        | 100.88           | -3.80       | --             | --          | Peak     | 44.00          | 200         | Vertical | N/A     |
| 4** | 5701.200        | 93.75            | -3.80       | --             | --          | AV       | 44.00          | 200         | Vertical | N/A     |
| 5   | 7556.313        | 48.61            | -2.31       | 74.0           | 25.39       | Peak     | 281.00         | 200         | Vertical | Pass    |
| 5** | 7556.313        | 38.85            | -2.31       | 54.0           | 15.15       | AV       | 281.00         | 200         | Vertical | Pass    |
| 6   | 12171.837       | 51.33            | 2.57        | 74.0           | 22.67       | Peak     | 165.00         | 100         | Vertical | Pass    |
| 6** | 12171.837       | 41.89            | 2.57        | 54.0           | 12.11       | AV       | 165.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1332.400        | 40.79            | -17.62      | 74.0           | 33.21       | Peak     | 34.00          | 100         | Horizontal | Pass    |
| 1** | 1332.400        | 28.84            | -17.62      | 54.0           | 25.16       | AV       | 34.00          | 100         | Horizontal | Pass    |
| 2   | 2860.800        | 44.93            | -10.21      | 74.0           | 29.07       | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 2** | 2860.800        | 35.04            | -10.21      | 54.0           | 18.96       | AV       | 360.00         | 300         | Horizontal | Pass    |
| 3   | 4287.000        | 48.75            | -4.62       | 74.0           | 25.25       | Peak     | 199.00         | 150         | Horizontal | Pass    |
| 3** | 4287.000        | 39.85            | -4.62       | 54.0           | 14.15       | AV       | 199.00         | 150         | Horizontal | Pass    |
| 4   | 5508.000        | 98.13            | -2.86       | --             | --          | Peak     | 317.00         | 400         | Horizontal | N/A     |
| 4** | 5508.000        | 91.83            | -2.86       | --             | --          | AV       | 317.00         | 400         | Horizontal | N/A     |
| 5   | 7347.013        | 48.58            | -2.99       | 74.0           | 25.42       | Peak     | 55.00          | 150         | Horizontal | Pass    |
| 5** | 7347.013        | 46.62            | -2.99       | 54.0           | 7.38        | AV       | 55.00          | 150         | Horizontal | Pass    |
| 6   | 12169.538       | 51.25            | 2.52        | 74.0           | 22.75       | Peak     | 312.00         | 400         | Horizontal | Pass    |
| 6** | 12169.538       | 42.09            | 2.52        | 54.0           | 11.91       | AV       | 312.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1592.900        | 40.13            | -17.69      | 74.0           | 33.87       | Peak     | 213.00         | 150         | Vertical | Pass    |
| 1** | 1592.900        | 30.68            | -17.69      | 54.0           | 23.32       | AV       | 213.00         | 150         | Vertical | Pass    |
| 2   | 2728.600        | 44.38            | -10.39      | 74.0           | 29.62       | Peak     | 359.00         | 100         | Vertical | Pass    |
| 2** | 2728.600        | 35.42            | -10.39      | 54.0           | 18.58       | AV       | 359.00         | 100         | Vertical | Pass    |
| 3   | 4248.200        | 49.14            | -4.71       | 74.0           | 24.86       | Peak     | 31.00          | 200         | Vertical | Pass    |
| 3** | 4248.200        | 39.81            | -4.71       | 54.0           | 14.19       | AV       | 31.00          | 200         | Vertical | Pass    |
| 4   | 5504.000        | 94.18            | -2.78       | --             | --          | Peak     | 236.00         | 400         | Vertical | N/A     |
| 4** | 5504.000        | 86.72            | -2.78       | --             | --          | AV       | 236.00         | 400         | Vertical | N/A     |
| 5   | 7347.013        | 47.41            | -2.99       | 74.0           | 26.59       | Peak     | 236.00         | 150         | Vertical | Pass    |
| 5** | 7347.013        | 41.53            | -2.99       | 54.0           | 12.47       | AV       | 236.00         | 150         | Vertical | Pass    |
| 6   | 12208.062       | 51.38            | 2.38        | 74.0           | 22.62       | Peak     | 259.00         | 300         | Vertical | Pass    |
| 6** | 12208.062       | 41.94            | 2.38        | 54.0           | 12.06       | AV       | 259.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1332.200        | 40.23            | -17.62      | 74.0           | 33.77       | Peak     | 246.00         | 200         | Horizontal | Pass    |
| 1** | 1332.200        | 29.88            | -17.62      | 54.0           | 24.12       | AV       | 246.00         | 200         | Horizontal | Pass    |
| 2   | 2750.700        | 44.65            | -10.34      | 74.0           | 29.35       | Peak     | 132.00         | 100         | Horizontal | Pass    |
| 2** | 2750.700        | 35.17            | -10.34      | 54.0           | 18.83       | AV       | 132.00         | 100         | Horizontal | Pass    |
| 3   | 4370.400        | 49.02            | -5.02       | 74.0           | 24.98       | Peak     | 329.00         | 200         | Horizontal | Pass    |
| 3** | 4370.400        | 38.81            | -5.02       | 54.0           | 15.19       | AV       | 329.00         | 200         | Horizontal | Pass    |
| 4   | 5593.600        | 103.94           | -3.04       | --             | --          | Peak     | 106.00         | 400         | Horizontal | N/A     |
| 4** | 5593.600        | 95.71            | -3.04       | --             | --          | AV       | 106.00         | 400         | Horizontal | N/A     |
| 5   | 7453.388        | 48.45            | -2.75       | 74.0           | 25.55       | Peak     | 68.00          | 150         | Horizontal | Pass    |
| 5** | 7453.388        | 45.07            | -2.75       | 54.0           | 8.93        | AV       | 68.00          | 150         | Horizontal | Pass    |
| 6   | 12271.600       | 51.42            | 2.25        | 74.0           | 22.58       | Peak     | 133.00         | 100         | Horizontal | Pass    |
| 6** | 12271.600       | 41.76            | 2.25        | 54.0           | 12.24       | AV       | 133.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1501.800        | 41.58            | -17.51      | 74.0           | 32.42       | Peak     | 96.00          | 150         | Vertical | Pass    |
| 1** | 1501.800        | 29.32            | -17.51      | 54.0           | 24.68       | AV       | 96.00          | 150         | Vertical | Pass    |
| 2   | 2748.200        | 44.82            | -10.23      | 74.0           | 29.18       | Peak     | 144.00         | 100         | Vertical | Pass    |
| 2** | 2748.200        | 35.02            | -10.23      | 54.0           | 18.98       | AV       | 144.00         | 100         | Vertical | Pass    |
| 3   | 4298.400        | 49.33            | -4.50       | 74.0           | 24.67       | Peak     | 155.00         | 200         | Vertical | Pass    |
| 3** | 4298.400        | 40.12            | -4.50       | 54.0           | 13.88       | AV       | 155.00         | 200         | Vertical | Pass    |
| 4   | 5594.400        | 99.51            | -3.03       | --             | --          | Peak     | 234.00         | 200         | Vertical | N/A     |
| 4** | 5594.400        | 91.79            | -3.03       | --             | --          | AV       | 234.00         | 200         | Vertical | N/A     |
| 5   | 7420.038        | 48.47            | -2.25       | 74.0           | 25.53       | Peak     | 357.00         | 100         | Vertical | Pass    |
| 5** | 7420.038        | 39.11            | -2.25       | 54.0           | 14.89       | AV       | 357.00         | 100         | Vertical | Pass    |
| 6   | 12182.475       | 50.92            | 2.59        | 74.0           | 23.08       | Peak     | 16.00          | 400         | Vertical | Pass    |
| 6** | 12182.475       | 41.89            | 2.59        | 54.0           | 12.11       | AV       | 16.00          | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1332.700        | 39.17            | -17.63      | 74.0           | 34.83       | Peak     | 196.00         | 400         | Horizontal | Pass    |
| 1** | 1332.700        | 28.85            | -17.63      | 54.0           | 25.15       | AV       | 196.00         | 400         | Horizontal | Pass    |
| 2   | 2711.100        | 44.42            | -11.09      | 74.0           | 29.58       | Peak     | 56.00          | 100         | Horizontal | Pass    |
| 2** | 2711.100        | 35.05            | -11.09      | 54.0           | 18.95       | AV       | 56.00          | 100         | Horizontal | Pass    |
| 3   | 4289.800        | 49.31            | -4.59       | 74.0           | 24.69       | Peak     | 62.00          | 100         | Horizontal | Pass    |
| 3** | 4289.800        | 40.82            | -4.59       | 54.0           | 13.18       | AV       | 62.00          | 100         | Horizontal | Pass    |
| 4   | 5679.800        | 104.46           | -3.71       | --             | --          | Peak     | 306.00         | 100         | Horizontal | N/A     |
| 4** | 5679.800        | 96.43            | -3.71       | --             | --          | AV       | 306.00         | 100         | Horizontal | N/A     |
| 5   | 7560.337        | 48.29            | -2.39       | 74.0           | 25.71       | Peak     | 47.00          | 150         | Horizontal | Pass    |
| 5** | 7560.337        | 44.20            | -2.39       | 54.0           | 9.80        | AV       | 47.00          | 150         | Horizontal | Pass    |
| 6   | 12320.763       | 51.29            | 1.99        | 74.0           | 22.71       | Peak     | 281.00         | 400         | Horizontal | Pass    |
| 6** | 12320.763       | 41.34            | 1.99        | 54.0           | 12.66       | AV       | 281.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1532.000        | 38.38            | -17.59      | 74.0           | 35.62       | Peak     | 84.00          | 150         | Vertical | Pass    |
| 1** | 1532.000        | 29.42            | -17.59      | 54.0           | 24.58       | AV       | 84.00          | 150         | Vertical | Pass    |
| 2   | 2814.000        | 44.39            | -10.53      | 74.0           | 29.61       | Peak     | 57.00          | 400         | Vertical | Pass    |
| 2** | 2814.000        | 34.83            | -10.53      | 54.0           | 19.17       | AV       | 57.00          | 400         | Vertical | Pass    |
| 3   | 4273.200        | 48.80            | -4.59       | 74.0           | 25.20       | Peak     | 5.00           | 200         | Vertical | Pass    |
| 3** | 4273.200        | 40.05            | -4.59       | 54.0           | 13.95       | AV       | 5.00           | 200         | Vertical | Pass    |
| 4   | 5668.200        | 98.17            | -3.53       | --             | --          | Peak     | 234.00         | 100         | Vertical | N/A     |
| 4** | 5668.200        | 90.62            | -3.53       | --             | --          | AV       | 234.00         | 100         | Vertical | N/A     |
| 5   | 7431.250        | 47.98            | -2.32       | 74.0           | 26.02       | Peak     | 280.00         | 100         | Vertical | Pass    |
| 5** | 7431.250        | 39.59            | -2.32       | 54.0           | 14.41       | AV       | 280.00         | 100         | Vertical | Pass    |
| 6   | 12213.526       | 51.05            | 2.40        | 74.0           | 22.95       | Peak     | 6.00           | 400         | Vertical | Pass    |
| 6** | 12213.526       | 42.28            | 2.40        | 54.0           | 11.72       | AV       | 6.00           | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1328.400        | 42.81            | -17.42      | 74.0           | 31.19       | Peak     | 204.00         | 400         | Horizontal | Pass    |
| 1** | 1328.400        | 30.07            | -17.42      | 54.0           | 23.93       | AV       | 204.00         | 400         | Horizontal | Pass    |
| 2   | 2856.500        | 44.40            | -10.25      | 74.0           | 29.60       | Peak     | 198.00         | 400         | Horizontal | Pass    |
| 2** | 2856.500        | 35.06            | -10.25      | 54.0           | 18.94       | AV       | 198.00         | 400         | Horizontal | Pass    |
| 3   | 4347.800        | 49.15            | -4.63       | 74.0           | 24.85       | Peak     | 8.00           | 150         | Horizontal | Pass    |
| 3** | 4347.800        | 39.80            | -4.63       | 54.0           | 14.20       | AV       | 8.00           | 150         | Horizontal | Pass    |
| 4   | 5498.400        | 106.64           | -2.69       | --             | --          | Peak     | 316.00         | 100         | Horizontal | N/A     |
| 4** | 5498.400        | 99.63            | -2.69       | --             | --          | AV       | 316.00         | 100         | Horizontal | N/A     |
| 5   | 7333.788        | 48.67            | -3.12       | 74.0           | 25.33       | Peak     | 47.00          | 150         | Horizontal | Pass    |
| 5** | 7333.788        | 45.27            | -3.12       | 54.0           | 8.73        | AV       | 47.00          | 150         | Horizontal | Pass    |
| 6   | 11639.675       | 51.03            | 2.06        | 74.0           | 22.97       | Peak     | 290.00         | 100         | Horizontal | Pass    |
| 6** | 11639.675       | 41.81            | 2.06        | 54.0           | 12.19       | AV       | 290.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1594.200        | 39.51            | -17.73      | 74.0           | 34.49       | Peak     | 209.00         | 150         | Vertical | Pass    |
| 1** | 1594.200        | 30.15            | -17.73      | 54.0           | 23.85       | AV       | 209.00         | 150         | Vertical | Pass    |
| 2   | 2726.300        | 44.43            | -10.35      | 74.0           | 29.57       | Peak     | 1.00           | 400         | Vertical | Pass    |
| 2** | 2726.300        | 35.30            | -10.35      | 54.0           | 18.70       | AV       | 1.00           | 400         | Vertical | Pass    |
| 3   | 4277.000        | 49.70            | -4.52       | 74.0           | 24.30       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 3** | 4277.000        | 40.23            | -4.52       | 54.0           | 13.77       | AV       | 0.00           | 100         | Vertical | Pass    |
| 4   | 5501.800        | 101.23           | -2.67       | --             | --          | Peak     | 243.00         | 200         | Vertical | N/A     |
| 4** | 5501.800        | 94.20            | -2.67       | --             | --          | AV       | 243.00         | 200         | Vertical | N/A     |
| 5   | 7560.050        | 48.08            | -2.41       | 74.0           | 25.92       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 5** | 7560.050        | 38.93            | -2.41       | 54.0           | 15.07       | AV       | 0.00           | 100         | Vertical | Pass    |
| 6   | 12251.475       | 51.06            | 2.53        | 74.0           | 22.94       | Peak     | 335.00         | 100         | Vertical | Pass    |
| 6** | 12251.475       | 41.61            | 2.53        | 54.0           | 12.39       | AV       | 335.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1327.100        | 39.79            | -17.46      | 74.0           | 34.21       | Peak     | 44.00          | 100         | Horizontal | Pass    |
| 1** | 1327.100        | 30.45            | -17.46      | 54.0           | 23.55       | AV       | 44.00          | 100         | Horizontal | Pass    |
| 2   | 2747.300        | 44.23            | -10.23      | 74.0           | 29.77       | Peak     | 145.00         | 100         | Horizontal | Pass    |
| 2** | 2747.300        | 35.88            | -10.23      | 54.0           | 18.12       | AV       | 145.00         | 100         | Horizontal | Pass    |
| 3   | 4287.200        | 48.80            | -4.61       | 74.0           | 25.20       | Peak     | 63.00          | 100         | Horizontal | Pass    |
| 3** | 4287.200        | 39.73            | -4.61       | 54.0           | 14.27       | AV       | 63.00          | 100         | Horizontal | Pass    |
| 4   | 5578.600        | 107.20           | -3.26       | --             | --          | Peak     | 111.00         | 100         | Horizontal | N/A     |
| 4** | 5578.600        | 100.78           | -3.26       | --             | --          | AV       | 111.00         | 100         | Horizontal | N/A     |
| 5   | 7440.163        | 48.81            | -2.58       | 74.0           | 25.19       | Peak     | 47.00          | 150         | Horizontal | Pass    |
| 5** | 7440.163        | 45.74            | -2.58       | 54.0           | 8.26        | AV       | 47.00          | 150         | Horizontal | Pass    |
| 6   | 12259.526       | 51.81            | 2.43        | 74.0           | 22.19       | Peak     | 59.00          | 100         | Horizontal | Pass    |
| 6** | 12259.526       | 42.13            | 2.43        | 54.0           | 11.87       | AV       | 59.00          | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1468.400        | 40.29            | -17.43      | 74.0           | 33.71       | Peak     | 245.00         | 150         | Vertical | Pass    |
| 1** | 1468.400        | 29.13            | -17.43      | 54.0           | 24.87       | AV       | 245.00         | 150         | Vertical | Pass    |
| 2   | 2871.700        | 45.09            | -10.46      | 74.0           | 28.91       | Peak     | 42.00          | 200         | Vertical | Pass    |
| 2** | 2871.700        | 34.59            | -10.46      | 54.0           | 19.41       | AV       | 42.00          | 200         | Vertical | Pass    |
| 3   | 4259.200        | 49.16            | -4.44       | 74.0           | 24.84       | Peak     | 174.00         | 200         | Vertical | Pass    |
| 3** | 4259.200        | 39.39            | -4.44       | 54.0           | 14.61       | AV       | 174.00         | 200         | Vertical | Pass    |
| 4   | 5580.800        | 100.52           | -3.22       | --             | --          | Peak     | 245.00         | 200         | Vertical | N/A     |
| 4** | 5580.800        | 94.01            | -3.22       | --             | --          | AV       | 245.00         | 200         | Vertical | N/A     |
| 5   | 7418.025        | 48.47            | -2.23       | 74.0           | 25.53       | Peak     | 3.00           | 200         | Vertical | Pass    |
| 5** | 7418.025        | 38.57            | -2.23       | 54.0           | 15.43       | AV       | 3.00           | 200         | Vertical | Pass    |
| 6   | 12163.787       | 51.28            | 2.38        | 74.0           | 22.72       | Peak     | 6.00           | 200         | Vertical | Pass    |
| 6** | 12163.787       | 41.62            | 2.38        | 54.0           | 12.38       | AV       | 6.00           | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1329.200        | 41.28            | -17.47      | 74.0           | 32.72       | Peak     | 209.00         | 300         | Horizontal | Pass    |
| 1** | 1329.200        | 32.90            | -17.47      | 54.0           | 21.10       | AV       | 209.00         | 300         | Horizontal | Pass    |
| 2   | 2832.900        | 45.38            | -10.37      | 74.0           | 28.62       | Peak     | 140.00         | 400         | Horizontal | Pass    |
| 2** | 2832.900        | 34.76            | -10.37      | 54.0           | 19.24       | AV       | 140.00         | 400         | Horizontal | Pass    |
| 3   | 4346.000        | 49.34            | -4.58       | 74.0           | 24.66       | Peak     | 266.00         | 200         | Horizontal | Pass    |
| 3** | 4346.000        | 39.61            | -4.58       | 54.0           | 14.39       | AV       | 266.00         | 200         | Horizontal | Pass    |
| 4   | 5701.400        | 107.45           | -3.80       | --             | --          | Peak     | 313.00         | 300         | Horizontal | N/A     |
| 4** | 5701.400        | 99.02            | -3.80       | --             | --          | AV       | 313.00         | 300         | Horizontal | N/A     |
| 5   | 7600.013        | 48.00            | -3.06       | 74.0           | 26.00       | Peak     | 80.00          | 150         | Horizontal | Pass    |
| 5** | 7600.013        | 42.93            | -3.06       | 54.0           | 11.07       | AV       | 80.00          | 150         | Horizontal | Pass    |
| 6   | 12185.349       | 52.02            | 2.57        | 74.0           | 21.98       | Peak     | 3.00           | 100         | Horizontal | Pass    |
| 6** | 12185.349       | 41.87            | 2.57        | 54.0           | 12.13       | AV       | 3.00           | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1328.500        | 43.14            | -17.42      | 74.0           | 30.86       | Peak     | 271.00         | 100         | Vertical | Pass    |
| 1** | 1328.500        | 30.44            | -17.42      | 54.0           | 23.56       | AV       | 271.00         | 100         | Vertical | Pass    |
| 2   | 2749.900        | 44.54            | -10.30      | 74.0           | 29.46       | Peak     | 70.00          | 400         | Vertical | Pass    |
| 2** | 2749.900        | 35.21            | -10.30      | 54.0           | 18.79       | AV       | 70.00          | 400         | Vertical | Pass    |
| 3   | 4305.600        | 49.60            | -4.55       | 74.0           | 24.40       | Peak     | 315.00         | 200         | Vertical | Pass    |
| 3** | 4305.600        | 39.91            | -4.55       | 54.0           | 14.09       | AV       | 315.00         | 200         | Vertical | Pass    |
| 4   | 5701.600        | 100.62           | -3.79       | --             | --          | Peak     | 45.00          | 200         | Vertical | N/A     |
| 4** | 5701.600        | 92.34            | -3.79       | --             | --          | AV       | 45.00          | 200         | Vertical | N/A     |
| 5   | 7416.875        | 47.62            | -2.20       | 74.0           | 26.38       | Peak     | 10.00          | 200         | Vertical | Pass    |
| 5** | 7416.875        | 39.07            | -2.20       | 54.0           | 14.93       | AV       | 10.00          | 200         | Vertical | Pass    |
| 6   | 12235.662       | 51.29            | 2.43        | 74.0           | 22.71       | Peak     | 6.00           | 200         | Vertical | Pass    |
| 6** | 12235.662       | 41.92            | 2.43        | 54.0           | 12.08       | AV       | 6.00           | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1332.600        | 40.00            | -17.63      | 74.0           | 34.00       | Peak     | 210.00         | 100         | Horizontal | Pass    |
| 1** | 1332.600        | 29.72            | -17.63      | 54.0           | 24.28       | AV       | 210.00         | 100         | Horizontal | Pass    |
| 2   | 2820.600        | 45.14            | -10.29      | 74.0           | 28.86       | Peak     | 347.00         | 400         | Horizontal | Pass    |
| 2** | 2820.600        | 35.59            | -10.29      | 54.0           | 18.41       | AV       | 347.00         | 400         | Horizontal | Pass    |
| 3   | 4299.400        | 49.04            | -4.51       | 74.0           | 24.96       | Peak     | 68.00          | 200         | Horizontal | Pass    |
| 3** | 4299.400        | 40.23            | -4.51       | 54.0           | 13.77       | AV       | 68.00          | 200         | Horizontal | Pass    |
| 4   | 5507.400        | 98.42            | -2.85       | --             | --          | Peak     | 307.00         | 200         | Horizontal | N/A     |
| 4** | 5507.400        | 90.37            | -2.85       | --             | --          | AV       | 307.00         | 200         | Horizontal | N/A     |
| 5   | 7346.725        | 49.89            | -3.01       | 74.0           | 24.11       | Peak     | 67.00          | 150         | Horizontal | Pass    |
| 5** | 7346.725        | 46.59            | -3.01       | 54.0           | 7.41        | AV       | 67.00          | 150         | Horizontal | Pass    |
| 6   | 12219.275       | 51.68            | 2.42        | 74.0           | 22.32       | Peak     | 238.00         | 400         | Horizontal | Pass    |
| 6** | 12219.275       | 43.16            | 2.42        | 54.0           | 10.84       | AV       | 238.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1329.800        | 42.85            | -17.51      | 74.0           | 31.15       | Peak     | 122.00         | 100         | Vertical | Pass    |
| 1** | 1329.800        | 32.79            | -17.51      | 54.0           | 21.21       | AV       | 122.00         | 100         | Vertical | Pass    |
| 2   | 2749.900        | 44.19            | -10.30      | 74.0           | 29.81       | Peak     | 209.00         | 400         | Vertical | Pass    |
| 2** | 2749.900        | 35.63            | -10.30      | 54.0           | 18.37       | AV       | 209.00         | 400         | Vertical | Pass    |
| 3   | 4366.400        | 48.92            | -5.06       | 74.0           | 25.08       | Peak     | 19.00          | 150         | Vertical | Pass    |
| 3** | 4366.400        | 38.98            | -5.06       | 54.0           | 15.02       | AV       | 19.00          | 150         | Vertical | Pass    |
| 4   | 5516.400        | 93.71            | -2.86       | --             | --          | Peak     | 233.00         | 100         | Vertical | N/A     |
| 4** | 5516.400        | 84.97            | -2.86       | --             | --          | AV       | 233.00         | 100         | Vertical | N/A     |
| 5   | 7347.013        | 46.11            | -2.99       | 74.0           | 27.89       | Peak     | 16.00          | 150         | Vertical | Pass    |
| 5** | 7347.013        | 41.14            | -2.99       | 54.0           | 12.86       | AV       | 16.00          | 150         | Vertical | Pass    |
| 6   | 12181.900       | 51.31            | 2.60        | 74.0           | 22.69       | Peak     | 5.00           | 300         | Vertical | Pass    |
| 6** | 12181.900       | 41.54            | 2.60        | 54.0           | 12.46       | AV       | 5.00           | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1329.800        | 41.99            | -17.51      | 74.0           | 32.01       | Peak     | 44.00          | 100         | Horizontal | Pass    |
| 1** | 1329.800        | 31.45            | -17.51      | 54.0           | 22.55       | AV       | 44.00          | 100         | Horizontal | Pass    |
| 2   | 2857.300        | 45.08            | -10.24      | 74.0           | 28.92       | Peak     | 100.00         | 300         | Horizontal | Pass    |
| 2** | 2857.300        | 35.98            | -10.24      | 54.0           | 18.02       | AV       | 100.00         | 300         | Horizontal | Pass    |
| 3   | 4290.200        | 48.89            | -4.59       | 74.0           | 25.11       | Peak     | 15.00          | 150         | Horizontal | Pass    |
| 3** | 4290.200        | 39.33            | -4.59       | 54.0           | 14.67       | AV       | 15.00          | 150         | Horizontal | Pass    |
| 4   | 5594.200        | 103.51           | -3.03       | --             | --          | Peak     | 109.00         | 400         | Horizontal | N/A     |
| 4** | 5594.200        | 95.56            | -3.03       | --             | --          | AV       | 109.00         | 400         | Horizontal | N/A     |
| 5   | 7453.675        | 48.45            | -2.73       | 74.0           | 25.55       | Peak     | 70.00          | 150         | Horizontal | Pass    |
| 5** | 7453.675        | 45.29            | -2.73       | 54.0           | 8.71        | AV       | 70.00          | 150         | Horizontal | Pass    |
| 6   | 12202.599       | 51.41            | 2.40        | 74.0           | 22.59       | Peak     | 240.00         | 300         | Horizontal | Pass    |
| 6** | 12202.599       | 42.04            | 2.40        | 54.0           | 11.96       | AV       | 240.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1595.300        | 40.26            | -17.67      | 74.0           | 33.74       | Peak     | 11.00          | 150         | Vertical | Pass    |
| 1** | 1595.300        | 29.96            | -17.67      | 54.0           | 24.04       | AV       | 11.00          | 150         | Vertical | Pass    |
| 2   | 2792.900        | 44.48            | -11.03      | 74.0           | 29.52       | Peak     | 37.00          | 100         | Vertical | Pass    |
| 2** | 2792.900        | 35.07            | -11.03      | 54.0           | 18.93       | AV       | 37.00          | 100         | Vertical | Pass    |
| 3   | 4352.000        | 48.59            | -4.69       | 74.0           | 25.41       | Peak     | 4.00           | 100         | Vertical | Pass    |
| 3** | 4352.000        | 39.63            | -4.69       | 54.0           | 14.37       | AV       | 4.00           | 100         | Vertical | Pass    |
| 4   | 5592.600        | 99.04            | -3.06       | --             | --          | Peak     | 232.00         | 100         | Vertical | N/A     |
| 4** | 5592.600        | 91.17            | -3.06       | --             | --          | AV       | 232.00         | 100         | Vertical | N/A     |
| 5   | 7566.375        | 47.89            | -2.47       | 74.0           | 26.11       | Peak     | 0.00           | 200         | Vertical | Pass    |
| 5** | 7566.375        | 38.95            | -2.47       | 54.0           | 15.05       | AV       | 0.00           | 200         | Vertical | Pass    |
| 6   | 11635.363       | 51.09            | 2.10        | 74.0           | 22.91       | Peak     | 261.00         | 300         | Vertical | Pass    |
| 6** | 11635.363       | 41.82            | 2.10        | 54.0           | 12.18       | AV       | 261.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1332.700        | 42.04            | -17.63      | 74.0           | 31.96       | Peak     | 44.00          | 200         | Horizontal | Pass    |
| 1** | 1332.700        | 32.52            | -17.63      | 54.0           | 21.48       | AV       | 44.00          | 200         | Horizontal | Pass    |
| 2   | 2746.900        | 44.35            | -10.25      | 74.0           | 29.65       | Peak     | 50.00          | 200         | Horizontal | Pass    |
| 2** | 2746.900        | 35.54            | -10.25      | 54.0           | 18.46       | AV       | 50.00          | 200         | Horizontal | Pass    |
| 3   | 4341.400        | 49.09            | -4.64       | 74.0           | 24.91       | Peak     | 297.00         | 150         | Horizontal | Pass    |
| 3** | 4341.400        | 39.26            | -4.64       | 54.0           | 14.74       | AV       | 297.00         | 150         | Horizontal | Pass    |
| 4   | 5672.000        | 104.28           | -3.51       | --             | --          | Peak     | 305.00         | 100         | Horizontal | N/A     |
| 4** | 5672.000        | 96.28            | -3.51       | --             | --          | AV       | 305.00         | 100         | Horizontal | N/A     |
| 5   | 7560.337        | 47.39            | -2.39       | 74.0           | 26.61       | Peak     | 47.00          | 150         | Horizontal | Pass    |
| 5** | 7560.337        | 44.74            | -2.39       | 54.0           | 9.26        | AV       | 47.00          | 150         | Horizontal | Pass    |
| 6   | 12186.213       | 50.77            | 2.56        | 74.0           | 23.23       | Peak     | 334.00         | 400         | Horizontal | Pass    |
| 6** | 12186.213       | 41.70            | 2.56        | 54.0           | 12.30       | AV       | 334.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1333.500        | 42.43            | -17.63      | 74.0           | 31.57       | Peak     | 310.00         | 100         | Vertical | Pass    |
| 1** | 1333.500        | 29.47            | -17.63      | 54.0           | 24.53       | AV       | 310.00         | 100         | Vertical | Pass    |
| 2   | 2745.200        | 44.71            | -10.32      | 74.0           | 29.29       | Peak     | 36.00          | 400         | Vertical | Pass    |
| 2** | 2745.200        | 35.73            | -10.32      | 54.0           | 18.27       | AV       | 36.00          | 400         | Vertical | Pass    |
| 3   | 4279.400        | 49.27            | -4.53       | 74.0           | 24.73       | Peak     | 289.00         | 100         | Vertical | Pass    |
| 3** | 4279.400        | 39.80            | -4.53       | 54.0           | 14.20       | AV       | 289.00         | 100         | Vertical | Pass    |
| 4   | 5673.400        | 97.77            | -3.57       | --             | --          | Peak     | 38.00          | 400         | Vertical | N/A     |
| 4** | 5673.400        | 89.86            | -3.57       | --             | --          | AV       | 38.00          | 400         | Vertical | N/A     |
| 5   | 7572.987        | 48.11            | -2.60       | 74.0           | 25.89       | Peak     | 281.00         | 150         | Vertical | Pass    |
| 5** | 7572.987        | 38.73            | -2.60       | 54.0           | 15.27       | AV       | 281.00         | 150         | Vertical | Pass    |
| 6   | 12218.988       | 51.42            | 2.42        | 74.0           | 22.58       | Peak     | 360.00         | 400         | Vertical | Pass    |
| 6** | 12218.988       | 41.91            | 2.42        | 54.0           | 12.09       | AV       | 360.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1328.600        | 40.37            | -17.43      | 74.0           | 33.63       | Peak     | 42.00          | 400         | Horizontal | Pass    |
| 1** | 1328.600        | 29.59            | -17.43      | 54.0           | 24.41       | AV       | 42.00          | 400         | Horizontal | Pass    |
| 2   | 2789.200        | 44.55            | -11.01      | 74.0           | 29.45       | Peak     | 295.00         | 300         | Horizontal | Pass    |
| 2** | 2789.200        | 34.53            | -11.01      | 54.0           | 19.47       | AV       | 295.00         | 300         | Horizontal | Pass    |
| 3   | 4256.400        | 49.08            | -4.46       | 74.0           | 24.92       | Peak     | 126.00         | 100         | Horizontal | Pass    |
| 3** | 4256.400        | 39.82            | -4.46       | 54.0           | 14.18       | AV       | 126.00         | 100         | Horizontal | Pass    |
| 4   | 5528.000        | 93.09            | -2.77       | --             | --          | Peak     | 101.00         | 300         | Horizontal | N/A     |
| 4** | 5528.000        | 85.93            | -2.77       | --             | --          | AV       | 101.00         | 300         | Horizontal | N/A     |
| 5   | 7373.463        | 49.49            | -2.81       | 74.0           | 24.51       | Peak     | 47.00          | 150         | Horizontal | Pass    |
| 5** | 7373.463        | 47.12            | -2.81       | 54.0           | 6.88        | AV       | 47.00          | 150         | Horizontal | Pass    |
| 6   | 12229.338       | 52.62            | 2.43        | 74.0           | 21.38       | Peak     | 80.00          | 300         | Horizontal | Pass    |
| 6** | 12229.338       | 43.51            | 2.43        | 54.0           | 10.49       | AV       | 80.00          | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1520.400        | 38.92            | -17.51      | 74.0           | 35.08       | Peak     | 117.00         | 150         | Vertical | Pass    |
| 1** | 1520.400        | 29.11            | -17.51      | 54.0           | 24.89       | AV       | 117.00         | 150         | Vertical | Pass    |
| 2   | 2727.300        | 44.97            | -10.36      | 74.0           | 29.03       | Peak     | 150.00         | 400         | Vertical | Pass    |
| 2** | 2727.300        | 35.15            | -10.36      | 54.0           | 18.85       | AV       | 150.00         | 400         | Vertical | Pass    |
| 3   | 4343.000        | 49.08            | -4.73       | 74.0           | 24.92       | Peak     | 359.00         | 150         | Vertical | Pass    |
| 3** | 4343.000        | 40.09            | -4.73       | 54.0           | 13.91       | AV       | 359.00         | 150         | Vertical | Pass    |
| 4   | 5524.800        | 88.49            | -2.87       | --             | --          | Peak     | 234.00         | 100         | Vertical | N/A     |
| 4** | 5524.800        | 81.51            | -2.87       | --             | --          | AV       | 234.00         | 100         | Vertical | N/A     |
| 5   | 7373.463        | 47.02            | -2.81       | 74.0           | 26.98       | Peak     | 301.00         | 150         | Vertical | Pass    |
| 5** | 7373.463        | 41.19            | -2.81       | 54.0           | 12.81       | AV       | 301.00         | 150         | Vertical | Pass    |
| 6   | 12300.637       | 51.63            | 2.28        | 74.0           | 22.37       | Peak     | 196.00         | 100         | Vertical | Pass    |
| 6** | 12300.637       | 41.64            | 2.28        | 54.0           | 12.36       | AV       | 196.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1333.400        | 39.13            | -17.63      | 74.0           | 34.87       | Peak     | 257.00         | 100         | Horizontal | Pass    |
| 1** | 1333.400        | 29.26            | -17.63      | 54.0           | 24.74       | AV       | 257.00         | 100         | Horizontal | Pass    |
| 2   | 2719.400        | 45.48            | -10.68      | 74.0           | 28.52       | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 2** | 2719.400        | 34.98            | -10.68      | 54.0           | 19.02       | AV       | 0.00           | 400         | Horizontal | Pass    |
| 3   | 4237.800        | 49.15            | -4.94       | 74.0           | 24.85       | Peak     | 62.00          | 100         | Horizontal | Pass    |
| 3** | 4237.800        | 39.39            | -4.94       | 54.0           | 14.61       | AV       | 62.00          | 100         | Horizontal | Pass    |
| 4   | 5615.400        | 100.60           | -2.89       | --             | --          | Peak     | 306.00         | 200         | Horizontal | N/A     |
| 4** | 5615.400        | 93.10            | -2.89       | --             | --          | AV       | 306.00         | 200         | Horizontal | N/A     |
| 5   | 7480.413        | 47.47            | -2.66       | 74.0           | 26.53       | Peak     | 89.00          | 150         | Horizontal | Pass    |
| 5** | 7480.413        | 44.67            | -2.66       | 54.0           | 9.33        | AV       | 89.00          | 150         | Horizontal | Pass    |
| 6   | 12341.463       | 51.31            | 1.70        | 74.0           | 22.69       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 6** | 12341.463       | 40.90            | 1.70        | 54.0           | 13.10       | AV       | 360.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1328.700        | 43.41            | -17.44      | 74.0           | 30.59       | Peak     | 311.00         | 200         | Vertical | Pass    |
| 1** | 1328.700        | 29.47            | -17.44      | 54.0           | 24.53       | AV       | 311.00         | 200         | Vertical | Pass    |
| 2   | 2754.300        | 44.89            | -10.55      | 74.0           | 29.11       | Peak     | 245.00         | 200         | Vertical | Pass    |
| 2** | 2754.300        | 34.71            | -10.55      | 54.0           | 19.29       | AV       | 245.00         | 200         | Vertical | Pass    |
| 3   | 4305.200        | 49.06            | -4.56       | 74.0           | 24.94       | Peak     | 20.00          | 100         | Vertical | Pass    |
| 3** | 4305.200        | 39.97            | -4.56       | 54.0           | 14.03       | AV       | 20.00          | 100         | Vertical | Pass    |
| 4   | 5608.200        | 94.70            | -2.82       | --             | --          | Peak     | 227.00         | 300         | Vertical | N/A     |
| 4** | 5608.200        | 87.29            | -2.82       | --             | --          | AV       | 227.00         | 300         | Vertical | N/A     |
| 5   | 7567.813        | 48.70            | -2.44       | 74.0           | 25.30       | Peak     | 0.00           | 150         | Vertical | Pass    |
| 5** | 7567.813        | 39.17            | -2.44       | 54.0           | 14.83       | AV       | 0.00           | 150         | Vertical | Pass    |
| 6   | 12225.313       | 51.01            | 2.43        | 74.0           | 22.99       | Peak     | 16.00          | 100         | Vertical | Pass    |
| 6** | 12225.313       | 42.39            | 2.43        | 54.0           | 11.61       | AV       | 16.00          | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1333.400        | 39.54            | -17.63      | 74.0           | 34.46       | Peak     | 197.00         | 100         | Horizontal | Pass    |
| 1** | 1333.400        | 32.40            | -17.63      | 54.0           | 21.60       | AV       | 197.00         | 100         | Horizontal | Pass    |
| 2   | 2725.200        | 44.78            | -10.43      | 74.0           | 29.22       | Peak     | 258.00         | 200         | Horizontal | Pass    |
| 2** | 2725.200        | 35.81            | -10.43      | 54.0           | 18.19       | AV       | 258.00         | 200         | Horizontal | Pass    |
| 3   | 4232.400        | 49.12            | -4.72       | 74.0           | 24.88       | Peak     | 125.00         | 200         | Horizontal | Pass    |
| 3** | 4232.400        | 38.92            | -4.72       | 54.0           | 15.08       | AV       | 125.00         | 200         | Horizontal | Pass    |
| 4   | 5743.400        | 109.89           | -3.51       | --             | --          | Peak     | 316.00         | 100         | Horizontal | N/A     |
| 4** | 5743.400        | 102.56           | -3.51       | --             | --          | AV       | 316.00         | 100         | Horizontal | N/A     |
| 5   | 7660.100        | 47.55            | -2.71       | 74.0           | 26.45       | Peak     | 36.00          | 150         | Horizontal | Pass    |
| 5** | 7660.100        | 41.61            | -2.71       | 54.0           | 12.39       | AV       | 36.00          | 150         | Horizontal | Pass    |
| 6   | 12318.463       | 51.10            | 2.02        | 74.0           | 22.90       | Peak     | 90.00          | 200         | Horizontal | Pass    |
| 6** | 12318.463       | 42.09            | 2.02        | 54.0           | 11.91       | AV       | 90.00          | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1592.200        | 41.30            | -17.63      | 74.0           | 32.70       | Peak     | 338.00         | 150         | Vertical | Pass    |
| 1** | 1592.200        | 29.95            | -17.63      | 54.0           | 24.05       | AV       | 338.00         | 150         | Vertical | Pass    |
| 2   | 2853.500        | 45.33            | -10.39      | 74.0           | 28.67       | Peak     | 8.00           | 400         | Vertical | Pass    |
| 2** | 2853.500        | 35.39            | -10.39      | 54.0           | 18.61       | AV       | 8.00           | 400         | Vertical | Pass    |
| 3   | 4363.600        | 48.68            | -5.04       | 74.0           | 25.32       | Peak     | 126.00         | 150         | Vertical | Pass    |
| 3** | 4363.600        | 38.85            | -5.04       | 54.0           | 15.15       | AV       | 126.00         | 150         | Vertical | Pass    |
| 4   | 5743.000        | 103.85           | -3.50       | --             | --          | Peak     | 47.00          | 200         | Vertical | N/A     |
| 4** | 5743.000        | 96.16            | -3.50       | --             | --          | AV       | 47.00          | 200         | Vertical | N/A     |
| 5   | 7566.663        | 47.98            | -2.46       | 74.0           | 26.02       | Peak     | 313.00         | 200         | Vertical | Pass    |
| 5** | 7566.663        | 38.85            | -2.46       | 54.0           | 15.15       | AV       | 313.00         | 200         | Vertical | Pass    |
| 6   | 12221.000       | 51.29            | 2.42        | 74.0           | 22.71       | Peak     | 313.00         | 300         | Vertical | Pass    |
| 6** | 12221.000       | 41.73            | 2.42        | 54.0           | 12.27       | AV       | 313.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.700        | 39.86            | -17.56      | 74.0           | 34.14       | Peak     | 137.00         | 200         | Horizontal | Pass    |
| 1** | 1330.700        | 29.41            | -17.56      | 54.0           | 24.59       | AV       | 137.00         | 200         | Horizontal | Pass    |
| 2   | 2823.300        | 44.65            | -10.24      | 74.0           | 29.35       | Peak     | 150.00         | 100         | Horizontal | Pass    |
| 2** | 2823.300        | 35.37            | -10.24      | 54.0           | 18.63       | AV       | 150.00         | 100         | Horizontal | Pass    |
| 3   | 4342.000        | 49.11            | -4.68       | 74.0           | 24.89       | Peak     | 267.00         | 200         | Horizontal | Pass    |
| 3** | 4342.000        | 40.10            | -4.68       | 54.0           | 13.90       | AV       | 267.00         | 200         | Horizontal | Pass    |
| 4   | 5783.200        | 110.77           | -2.82       | --             | --          | Peak     | 315.00         | 400         | Horizontal | N/A     |
| 4** | 5783.200        | 103.76           | -2.82       | --             | --          | AV       | 315.00         | 400         | Horizontal | N/A     |
| 5   | 7416.013        | 47.92            | -2.19       | 74.0           | 26.08       | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 5** | 7416.013        | 38.74            | -2.19       | 54.0           | 15.26       | AV       | 0.00           | 150         | Horizontal | Pass    |
| 6   | 12210.938       | 51.88            | 2.39        | 74.0           | 22.12       | Peak     | 282.00         | 300         | Horizontal | Pass    |
| 6** | 12210.938       | 42.71            | 2.39        | 54.0           | 11.29       | AV       | 282.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1496.700        | 40.45            | -17.60      | 74.0           | 33.55       | Peak     | 284.00         | 150         | Vertical | Pass    |
| 1** | 1496.700        | 28.93            | -17.60      | 54.0           | 25.07       | AV       | 284.00         | 150         | Vertical | Pass    |
| 2   | 2753.400        | 44.53            | -10.49      | 74.0           | 29.47       | Peak     | 323.00         | 100         | Vertical | Pass    |
| 2** | 2753.400        | 34.54            | -10.49      | 54.0           | 19.46       | AV       | 323.00         | 100         | Vertical | Pass    |
| 3   | 4319.000        | 49.07            | -4.74       | 74.0           | 24.93       | Peak     | 243.00         | 200         | Vertical | Pass    |
| 3** | 4319.000        | 39.68            | -4.74       | 54.0           | 14.32       | AV       | 243.00         | 200         | Vertical | Pass    |
| 4   | 5786.400        | 105.49           | -2.80       | --             | --          | Peak     | 47.00          | 400         | Vertical | N/A     |
| 4** | 5786.400        | 97.51            | -2.80       | --             | --          | AV       | 47.00          | 400         | Vertical | N/A     |
| 5   | 7424.062        | 47.82            | -2.29       | 74.0           | 26.18       | Peak     | 99.00          | 200         | Vertical | Pass    |
| 5** | 7424.062        | 39.26            | -2.29       | 54.0           | 14.74       | AV       | 99.00          | 200         | Vertical | Pass    |
| 6   | 12296.037       | 51.06            | 2.29        | 74.0           | 22.94       | Peak     | 360.00         | 400         | Vertical | Pass    |
| 6** | 12296.037       | 41.97            | 2.29        | 54.0           | 12.03       | AV       | 360.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1333.000        | 40.01            | -17.63      | 74.0           | 33.99       | Peak     | 49.00          | 200         | Horizontal | Pass    |
| 1** | 1333.000        | 29.36            | -17.63      | 54.0           | 24.64       | AV       | 49.00          | 200         | Horizontal | Pass    |
| 2   | 2824.700        | 44.50            | -10.22      | 74.0           | 29.50       | Peak     | 136.00         | 400         | Horizontal | Pass    |
| 2** | 2824.700        | 35.89            | -10.22      | 54.0           | 18.11       | AV       | 136.00         | 400         | Horizontal | Pass    |
| 3   | 4053.600        | 48.97            | -5.19       | 74.0           | 25.03       | Peak     | 55.00          | 100         | Horizontal | Pass    |
| 3** | 4053.600        | 38.47            | -5.19       | 54.0           | 15.53       | AV       | 55.00          | 100         | Horizontal | Pass    |
| 4   | 5823.000        | 111.21           | -2.70       | --             | --          | Peak     | 308.00         | 400         | Horizontal | N/A     |
| 4** | 5823.000        | 103.99           | -2.70       | --             | --          | AV       | 308.00         | 400         | Horizontal | N/A     |
| 5   | 7424.637        | 47.97            | -2.29       | 74.0           | 26.03       | Peak     | 234.00         | 150         | Horizontal | Pass    |
| 5** | 7424.637        | 39.48            | -2.29       | 54.0           | 14.52       | AV       | 234.00         | 150         | Horizontal | Pass    |
| 6   | 12177.299       | 51.40            | 2.64        | 74.0           | 22.60       | Peak     | 202.00         | 200         | Horizontal | Pass    |
| 6** | 12177.299       | 41.94            | 2.64        | 54.0           | 12.06       | AV       | 202.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1330.300        | 42.83            | -17.54      | 74.0           | 31.17       | Peak     | 271.00         | 300         | Vertical | Pass    |
| 1** | 1330.300        | 29.47            | -17.54      | 54.0           | 24.53       | AV       | 271.00         | 300         | Vertical | Pass    |
| 2   | 2858.300        | 44.66            | -10.23      | 74.0           | 29.34       | Peak     | 171.00         | 400         | Vertical | Pass    |
| 2** | 2858.300        | 35.88            | -10.23      | 54.0           | 18.12       | AV       | 171.00         | 400         | Vertical | Pass    |
| 3   | 4275.600        | 49.80            | -4.55       | 74.0           | 24.20       | Peak     | 0.00           | 150         | Vertical | Pass    |
| 3** | 4275.600        | 40.26            | -4.55       | 54.0           | 13.74       | AV       | 0.00           | 150         | Vertical | Pass    |
| 4   | 5823.800        | 105.76           | -2.67       | --             | --          | Peak     | 1.00           | 100         | Vertical | N/A     |
| 4** | 5823.800        | 98.17            | -2.67       | --             | --          | AV       | 1.00           | 100         | Vertical | N/A     |
| 5   | 7587.075        | 48.00            | -2.77       | 74.0           | 26.00       | Peak     | 0.00           | 150         | Vertical | Pass    |
| 5** | 7587.075        | 39.16            | -2.77       | 54.0           | 14.84       | AV       | 0.00           | 150         | Vertical | Pass    |
| 6   | 12273.325       | 51.39            | 2.24        | 74.0           | 22.61       | Peak     | 217.00         | 400         | Vertical | Pass    |
| 6** | 12273.325       | 42.13            | 2.24        | 54.0           | 11.87       | 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) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1387.800        | 39.01            | -17.35      | 74.0           | 34.99       | Peak     | 264.00         | 200         | Horizontal | Pass    |
| 1** | 1387.800        | 29.84            | -17.35      | 54.0           | 24.16       | AV       | 264.00         | 200         | Horizontal | Pass    |
| 2   | 2879.600        | 44.31            | -10.28      | 74.0           | 29.69       | Peak     | 204.00         | 200         | Horizontal | Pass    |
| 2** | 2879.600        | 35.60            | -10.28      | 54.0           | 18.40       | AV       | 204.00         | 200         | Horizontal | Pass    |
| 3   | 4272.400        | 49.64            | -4.59       | 74.0           | 24.36       | Peak     | 276.00         | 100         | Horizontal | Pass    |
| 3** | 4272.400        | 40.63            | -4.59       | 54.0           | 13.37       | AV       | 276.00         | 100         | Horizontal | Pass    |
| 4   | 5743.800        | 110.39           | -3.53       | --             | --          | Peak     | 308.00         | 300         | Horizontal | N/A     |
| 4** | 5743.800        | 102.28           | -3.53       | --             | --          | AV       | 308.00         | 300         | Horizontal | N/A     |
| 5   | 7660.388        | 45.24            | -2.71       | 74.0           | 28.76       | Peak     | 59.00          | 150         | Horizontal | Pass    |
| 5** | 7660.388        | 41.27            | -2.71       | 54.0           | 12.73       | AV       | 59.00          | 150         | Horizontal | Pass    |
| 6   | 12254.063       | 51.71            | 2.50        | 74.0           | 22.29       | Peak     | 197.00         | 200         | Horizontal | Pass    |
| 6** | 12254.063       | 41.70            | 2.50        | 54.0           | 12.30       | AV       | 197.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1327.400        | 42.61            | -17.44      | 74.0           | 31.39       | Peak     | 330.00         | 300         | Vertical | Pass    |
| 1** | 1327.400        | 37.34            | -17.44      | 54.0           | 16.66       | AV       | 330.00         | 300         | Vertical | Pass    |
| 2   | 2812.300        | 44.78            | -10.60      | 74.0           | 29.22       | Peak     | 182.00         | 200         | Vertical | Pass    |
| 2** | 2812.300        | 35.43            | -10.60      | 54.0           | 18.57       | AV       | 182.00         | 200         | Vertical | Pass    |
| 3   | 4317.200        | 49.03            | -4.75       | 74.0           | 24.97       | Peak     | 54.00          | 200         | Vertical | Pass    |
| 3** | 4317.200        | 40.10            | -4.75       | 54.0           | 13.90       | AV       | 54.00          | 200         | Vertical | Pass    |
| 4   | 5741.200        | 102.33           | -3.49       | --             | --          | Peak     | 14.00          | 400         | Vertical | N/A     |
| 4** | 5741.200        | 94.68            | -3.49       | --             | --          | AV       | 14.00          | 400         | Vertical | N/A     |
| 5   | 7576.725        | 48.03            | -2.53       | 74.0           | 25.97       | Peak     | 68.00          | 100         | Vertical | Pass    |
| 5** | 7576.725        | 39.01            | -2.53       | 54.0           | 14.99       | AV       | 68.00          | 100         | Vertical | Pass    |
| 6   | 12321.912       | 50.89            | 1.97        | 74.0           | 23.11       | Peak     | 1.00           | 300         | Vertical | Pass    |
| 6** | 12321.912       | 41.71            | 1.97        | 54.0           | 12.29       | AV       | 1.00           | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1331.000        | 41.32            | -17.57      | 74.0           | 32.68       | Peak     | 215.00         | 400         | Horizontal | Pass    |
| 1** | 1331.000        | 29.21            | -17.57      | 54.0           | 24.79       | AV       | 215.00         | 400         | Horizontal | Pass    |
| 2   | 2820.700        | 44.90            | -10.29      | 74.0           | 29.10       | Peak     | 129.00         | 200         | Horizontal | Pass    |
| 2** | 2820.700        | 35.35            | -10.29      | 54.0           | 18.65       | AV       | 129.00         | 200         | Horizontal | Pass    |
| 3   | 4302.400        | 49.68            | -4.63       | 74.0           | 24.32       | Peak     | 102.00         | 200         | Horizontal | Pass    |
| 3** | 4302.400        | 39.56            | -4.63       | 54.0           | 14.44       | AV       | 102.00         | 200         | Horizontal | Pass    |
| 4   | 5786.000        | 110.59           | -2.81       | --             | --          | Peak     | 308.00         | 100         | Horizontal | N/A     |
| 4** | 5786.000        | 102.65           | -2.81       | --             | --          | AV       | 308.00         | 100         | Horizontal | N/A     |
| 5   | 7713.575        | 45.99            | -3.63       | 74.0           | 28.01       | Peak     | 344.00         | 150         | Horizontal | Pass    |
| 5** | 7713.575        | 40.55            | -3.63       | 54.0           | 13.45       | AV       | 344.00         | 150         | Horizontal | Pass    |
| 6   | 12147.401       | 51.21            | 2.06        | 74.0           | 22.79       | Peak     | 59.00          | 400         | Horizontal | Pass    |
| 6** | 12147.401       | 41.83            | 2.06        | 54.0           | 12.17       | AV       | 59.00          | 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) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1500.200        | 39.16            | -17.44      | 74.0           | 34.84       | Peak     | 304.00         | 150         | Vertical | Pass    |
| 1** | 1500.200        | 32.70            | -17.44      | 54.0           | 21.30       | AV       | 304.00         | 150         | Vertical | Pass    |
| 2   | 2830.100        | 44.87            | -10.34      | 74.0           | 29.13       | Peak     | 176.00         | 300         | Vertical | Pass    |
| 2** | 2830.100        | 34.48            | -10.34      | 54.0           | 19.52       | AV       | 176.00         | 300         | Vertical | Pass    |
| 3   | 4276.400        | 49.30            | -4.54       | 74.0           | 24.70       | Peak     | 0.00           | 150         | Vertical | Pass    |
| 3** | 4276.400        | 39.31            | -4.54       | 54.0           | 14.69       | AV       | 0.00           | 150         | Vertical | Pass    |
| 4   | 5786.000        | 104.33           | -2.81       | --             | --          | Peak     | 0.00           | 200         | Vertical | N/A     |
| 4** | 5786.000        | 96.94            | -2.81       | --             | --          | AV       | 0.00           | 200         | Vertical | N/A     |
| 5   | 7578.163        | 48.24            | -2.56       | 74.0           | 25.76       | Peak     | 1.00           | 100         | Vertical | Pass    |
| 5** | 7578.163        | 39.22            | -2.56       | 54.0           | 14.78       | AV       | 1.00           | 100         | Vertical | Pass    |
| 6   | 12225.313       | 51.51            | 2.43        | 74.0           | 22.49       | Peak     | 132.00         | 400         | Vertical | Pass    |
| 6** | 12225.313       | 42.04            | 2.43        | 54.0           | 11.96       | AV       | 132.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1332.200        | 39.92            | -17.62      | 74.0           | 34.08       | Peak     | 19.00          | 300         | Horizontal | Pass    |
| 1** | 1332.200        | 28.54            | -17.62      | 54.0           | 25.46       | AV       | 19.00          | 300         | Horizontal | Pass    |
| 2   | 2734.100        | 44.71            | -10.44      | 74.0           | 29.29       | Peak     | 31.00          | 400         | Horizontal | Pass    |
| 2** | 2734.100        | 34.84            | -10.44      | 54.0           | 19.16       | AV       | 31.00          | 400         | Horizontal | Pass    |
| 3   | 4273.200        | 48.80            | -4.59       | 74.0           | 25.20       | Peak     | 110.00         | 200         | Horizontal | Pass    |
| 3** | 4273.200        | 39.73            | -4.59       | 54.0           | 14.27       | AV       | 110.00         | 200         | Horizontal | Pass    |
| 4   | 5826.000        | 110.88           | -2.66       | --             | --          | Peak     | 316.00         | 100         | Horizontal | N/A     |
| 4** | 5826.000        | 103.86           | -2.66       | --             | --          | AV       | 316.00         | 100         | Horizontal | N/A     |
| 5   | 7514.050        | 47.70            | -2.28       | 74.0           | 26.30       | Peak     | 1.00           | 200         | Horizontal | Pass    |
| 5** | 7514.050        | 39.29            | -2.28       | 54.0           | 14.71       | AV       | 1.00           | 200         | Horizontal | Pass    |
| 6   | 12174.137       | 51.22            | 2.60        | 74.0           | 22.78       | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 6** | 12174.137       | 42.83            | 2.60        | 54.0           | 11.17       | AV       | 0.00           | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1331.900        | 40.91            | -17.60      | 74.0           | 33.09       | Peak     | 150.00         | 400         | Vertical | Pass    |
| 1** | 1331.900        | 30.52            | -17.60      | 54.0           | 23.48       | AV       | 150.00         | 400         | Vertical | Pass    |
| 2   | 2833.200        | 44.43            | -10.37      | 74.0           | 29.57       | Peak     | 204.00         | 300         | Vertical | Pass    |
| 2** | 2833.200        | 35.59            | -10.37      | 54.0           | 18.41       | AV       | 204.00         | 300         | Vertical | Pass    |
| 3   | 4287.400        | 48.66            | -4.61       | 74.0           | 25.34       | Peak     | 14.00          | 100         | Vertical | Pass    |
| 3** | 4287.400        | 39.84            | -4.61       | 54.0           | 14.16       | AV       | 14.00          | 100         | Vertical | Pass    |
| 4   | 5823.600        | 105.02           | -2.68       | --             | --          | Peak     | 0.00           | 100         | Vertical | N/A     |
| 4** | 5823.600        | 97.63            | -2.68       | --             | --          | AV       | 0.00           | 100         | Vertical | N/A     |
| 5   | 7570.113        | 48.29            | -2.49       | 74.0           | 25.71       | Peak     | 6.00           | 200         | Vertical | Pass    |
| 5** | 7570.113        | 39.25            | -2.49       | 54.0           | 14.75       | AV       | 6.00           | 200         | Vertical | Pass    |
| 6   | 12211.512       | 51.03            | 2.39        | 74.0           | 22.97       | Peak     | 228.00         | 300         | Vertical | Pass    |
| 6** | 12211.512       | 41.85            | 2.39        | 54.0           | 12.15       | AV       | 228.00         | 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) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1500.700        | 39.06            | -17.45      | 74.0           | 34.94       | Peak     | 357.00         | 150         | Horizontal | Pass    |
| 1** | 1500.700        | 29.23            | -17.45      | 54.0           | 24.77       | AV       | 357.00         | 150         | Horizontal | Pass    |
| 2   | 2841.800        | 45.33            | -10.57      | 74.0           | 28.67       | Peak     | 349.00         | 150         | Horizontal | Pass    |
| 2** | 2841.800        | 35.21            | -10.57      | 54.0           | 18.79       | AV       | 349.00         | 150         | Horizontal | Pass    |
| 3   | 4297.000        | 49.22            | -4.53       | 74.0           | 24.78       | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 3** | 4297.000        | 40.22            | -4.53       | 54.0           | 13.78       | AV       | 0.00           | 150         | Horizontal | Pass    |
| 4   | 5760.000        | 107.29           | -3.07       | --             | --          | Peak     | 308.00         | 150         | Horizontal | N/A     |
| 4** | 5760.000        | 98.73            | -3.07       | --             | --          | AV       | 308.00         | 150         | Horizontal | N/A     |
| 5   | 7673.612        | 45.68            | -3.11       | 74.0           | 28.32       | Peak     | 153.00         | 150         | Horizontal | Pass    |
| 5** | 7673.612        | 41.73            | -3.11       | 54.0           | 12.27       | AV       | 153.00         | 150         | Horizontal | Pass    |
| 6   | 12356.700       | 51.66            | 1.47        | 74.0           | 22.34       | Peak     | 334.00         | 150         | Horizontal | Pass    |
| 6** | 12356.700       | 40.96            | 1.47        | 54.0           | 13.04       | AV       | 334.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1597.000        | 40.41            | -17.63      | 74.0           | 33.59       | Peak     | 360.00         | 150         | Vertical | Pass    |
| 1** | 1597.000        | 30.19            | -17.63      | 54.0           | 23.81       | AV       | 360.00         | 150         | Vertical | Pass    |
| 2   | 2866.700        | 44.78            | -10.32      | 74.0           | 29.22       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 2** | 2866.700        | 34.54            | -10.32      | 54.0           | 19.46       | AV       | 360.00         | 100         | Vertical | Pass    |
| 3   | 4298.600        | 49.61            | -4.50       | 74.0           | 24.39       | Peak     | 298.00         | 100         | Vertical | Pass    |
| 3** | 4298.600        | 40.38            | -4.50       | 54.0           | 13.62       | AV       | 298.00         | 100         | Vertical | Pass    |
| 4   | 5752.400        | 99.99            | -3.26       | --             | --          | Peak     | 228.00         | 200         | Vertical | N/A     |
| 4** | 5752.400        | 92.24            | -3.26       | --             | --          | AV       | 228.00         | 200         | Vertical | N/A     |
| 5   | 7508.588        | 48.05            | -2.21       | 74.0           | 25.95       | Peak     | 218.00         | 100         | Vertical | Pass    |
| 5** | 7508.588        | 38.42            | -2.21       | 54.0           | 15.58       | AV       | 218.00         | 100         | Vertical | Pass    |
| 6   | 12162.925       | 51.71            | 2.37        | 74.0           | 22.29       | Peak     | 111.00         | 300         | Vertical | Pass    |
| 6** | 12162.925       | 41.57            | 2.37        | 54.0           | 12.43       | AV       | 111.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.700        | 41.15            | -17.56      | 74.0           | 32.85       | Peak     | 36.00          | 300         | Horizontal | Pass    |
| 1** | 1330.700        | 29.21            | -17.56      | 54.0           | 24.79       | AV       | 36.00          | 300         | Horizontal | Pass    |
| 2   | 2822.500        | 44.40            | -10.26      | 74.0           | 29.60       | Peak     | 317.00         | 400         | Horizontal | Pass    |
| 2** | 2822.500        | 35.27            | -10.26      | 54.0           | 18.73       | AV       | 317.00         | 400         | Horizontal | Pass    |
| 3   | 4287.400        | 49.64            | -4.61       | 74.0           | 24.36       | Peak     | 134.00         | 100         | Horizontal | Pass    |
| 3** | 4287.400        | 40.10            | -4.61       | 54.0           | 13.90       | AV       | 134.00         | 100         | Horizontal | Pass    |
| 4   | 5785.400        | 107.93           | -2.82       | --             | --          | Peak     | 315.00         | 300         | Horizontal | N/A     |
| 4** | 5785.400        | 98.57            | -2.82       | --             | --          | AV       | 315.00         | 300         | Horizontal | N/A     |
| 5   | 7516.925        | 45.42            | -2.24       | 74.0           | 28.58       | Peak     | 269.00         | 150         | Horizontal | Pass    |
| 5** | 7516.925        | 40.63            | -2.24       | 54.0           | 13.37       | AV       | 269.00         | 150         | Horizontal | Pass    |
| 6   | 12260.100       | 50.99            | 2.42        | 74.0           | 23.01       | Peak     | 311.00         | 300         | Horizontal | Pass    |
| 6** | 12260.100       | 41.80            | 2.42        | 54.0           | 12.20       | AV       | 311.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1496.800        | 42.34            | -17.60      | 74.0           | 31.66       | Peak     | 297.00         | 150         | Vertical | Pass    |
| 1** | 1496.800        | 35.38            | -17.60      | 54.0           | 18.62       | AV       | 297.00         | 150         | Vertical | Pass    |
| 2   | 2745.000        | 44.79            | -10.32      | 74.0           | 29.21       | Peak     | 107.00         | 400         | Vertical | Pass    |
| 2** | 2745.000        | 34.91            | -10.32      | 54.0           | 19.09       | AV       | 107.00         | 400         | Vertical | Pass    |
| 3   | 4318.200        | 49.92            | -4.74       | 74.0           | 24.08       | Peak     | 198.00         | 100         | Vertical | Pass    |
| 3** | 4318.200        | 39.34            | -4.74       | 54.0           | 14.66       | AV       | 198.00         | 100         | Vertical | Pass    |
| 4   | 5793.400        | 101.85           | -2.72       | --             | --          | Peak     | 38.00          | 100         | Vertical | N/A     |
| 4** | 5793.400        | 93.42            | -2.72       | --             | --          | AV       | 38.00          | 100         | Vertical | N/A     |
| 5   | 7580.175        | 48.77            | -2.61       | 74.0           | 25.23       | Peak     | 217.00         | 100         | Vertical | Pass    |
| 5** | 7580.175        | 39.02            | -2.61       | 54.0           | 14.98       | AV       | 217.00         | 100         | Vertical | Pass    |
| 6   | 12220.713       | 51.21            | 2.42        | 74.0           | 22.79       | Peak     | 141.00         | 400         | Vertical | Pass    |
| 6** | 12220.713       | 42.68            | 2.42        | 54.0           | 11.32       | AV       | 141.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1326.800        | 41.14            | -17.47      | 74.0           | 32.86       | Peak     | 36.00          | 200         | Horizontal | Pass    |
| 1** | 1326.800        | 29.36            | -17.47      | 54.0           | 24.64       | AV       | 36.00          | 200         | Horizontal | Pass    |
| 2   | 2825.200        | 44.92            | -10.24      | 74.0           | 29.08       | Peak     | 63.00          | 200         | Horizontal | Pass    |
| 2** | 2825.200        | 35.01            | -10.24      | 54.0           | 18.99       | AV       | 63.00          | 200         | Horizontal | Pass    |
| 3   | 4295.400        | 49.04            | -4.49       | 74.0           | 24.96       | Peak     | 269.00         | 150         | Horizontal | Pass    |
| 3** | 4295.400        | 40.21            | -4.49       | 54.0           | 13.79       | AV       | 269.00         | 150         | Horizontal | Pass    |
| 4   | 5744.000        | 109.41           | -3.52       | --             | --          | Peak     | 308.00         | 100         | Horizontal | N/A     |
| 4** | 5744.000        | 102.53           | -3.52       | --             | --          | AV       | 308.00         | 100         | Horizontal | N/A     |
| 5   | 7660.388        | 47.08            | -2.71       | 74.0           | 26.92       | Peak     | 55.00          | 150         | Horizontal | Pass    |
| 5** | 7660.388        | 41.90            | -2.71       | 54.0           | 12.10       | AV       | 55.00          | 150         | Horizontal | Pass    |
| 6   | 12241.988       | 50.86            | 2.49        | 74.0           | 23.14       | Peak     | 67.00          | 300         | Horizontal | Pass    |
| 6** | 12241.988       | 42.04            | 2.49        | 54.0           | 11.96       | AV       | 67.00          | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1497.600        | 40.53            | -17.56      | 74.0           | 33.47       | Peak     | 210.00         | 150         | Vertical | Pass    |
| 1** | 1497.600        | 29.27            | -17.56      | 54.0           | 24.73       | AV       | 210.00         | 150         | Vertical | Pass    |
| 2   | 2825.200        | 44.94            | -10.24      | 74.0           | 29.06       | Peak     | 225.00         | 300         | Vertical | Pass    |
| 2** | 2825.200        | 35.10            | -10.24      | 54.0           | 18.90       | AV       | 225.00         | 300         | Vertical | Pass    |
| 3   | 4288.200        | 49.08            | -4.59       | 74.0           | 24.92       | Peak     | 323.00         | 100         | Vertical | Pass    |
| 3** | 4288.200        | 39.95            | -4.59       | 54.0           | 14.05       | AV       | 323.00         | 100         | Vertical | Pass    |
| 4   | 5746.400        | 102.44           | -3.33       | --             | --          | Peak     | 46.00          | 300         | Vertical | N/A     |
| 4** | 5746.400        | 95.35            | -3.33       | --             | --          | AV       | 46.00          | 300         | Vertical | N/A     |
| 5   | 7366.850        | 47.57            | -2.82       | 74.0           | 26.43       | Peak     | 320.00         | 100         | Vertical | Pass    |
| 5** | 7366.850        | 38.95            | -2.82       | 54.0           | 15.05       | AV       | 320.00         | 100         | Vertical | Pass    |
| 6   | 12184.776       | 51.65            | 2.57        | 74.0           | 22.35       | Peak     | 160.00         | 100         | Vertical | Pass    |
| 6** | 12184.776       | 41.94            | 2.57        | 54.0           | 12.06       | AV       | 160.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.300        | 43.63            | -17.54      | 74.0           | 30.37       | Peak     | 210.00         | 400         | Horizontal | Pass    |
| 1** | 1330.300        | 36.72            | -17.54      | 54.0           | 17.28       | AV       | 210.00         | 400         | Horizontal | Pass    |
| 2   | 2727.900        | 44.60            | -10.37      | 74.0           | 29.40       | Peak     | 264.00         | 300         | Horizontal | Pass    |
| 2** | 2727.900        | 35.25            | -10.37      | 54.0           | 18.75       | AV       | 264.00         | 300         | Horizontal | Pass    |
| 3   | 4319.200        | 48.94            | -4.74       | 74.0           | 25.06       | Peak     | 220.00         | 100         | Horizontal | Pass    |
| 3** | 4319.200        | 40.66            | -4.74       | 54.0           | 13.34       | AV       | 220.00         | 100         | Horizontal | Pass    |
| 4   | 5786.800        | 110.87           | -2.78       | --             | --          | Peak     | 317.00         | 200         | Horizontal | N/A     |
| 4** | 5786.800        | 103.21           | -2.78       | --             | --          | AV       | 317.00         | 200         | Horizontal | N/A     |
| 5   | 7713.288        | 46.24            | -3.61       | 74.0           | 27.76       | Peak     | 37.00          | 150         | Horizontal | Pass    |
| 5** | 7713.288        | 40.97            | -3.61       | 54.0           | 13.03       | AV       | 37.00          | 150         | Horizontal | Pass    |
| 6   | 12224.162       | 51.49            | 2.43        | 74.0           | 22.51       | Peak     | 292.00         | 300         | Horizontal | Pass    |
| 6** | 12224.162       | 42.58            | 2.43        | 54.0           | 11.42       | AV       | 292.00         | 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) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1327.500        | 41.87            | -17.44      | 74.0           | 32.13       | Peak     | 115.00         | 200         | Vertical | Pass    |
| 1** | 1327.500        | 29.90            | -17.44      | 54.0           | 24.10       | AV       | 115.00         | 200         | Vertical | Pass    |
| 2   | 2756.800        | 44.69            | -10.66      | 74.0           | 29.31       | Peak     | 129.00         | 100         | Vertical | Pass    |
| 2** | 2756.800        | 34.54            | -10.66      | 54.0           | 19.46       | AV       | 129.00         | 100         | Vertical | Pass    |
| 3   | 4008.800        | 49.36            | -5.49       | 74.0           | 24.64       | Peak     | 196.00         | 150         | Vertical | Pass    |
| 3** | 4008.800        | 38.00            | -5.49       | 54.0           | 16.00       | AV       | 196.00         | 150         | Vertical | Pass    |
| 4   | 5786.200        | 104.40           | -2.81       | --             | --          | Peak     | 6.00           | 100         | Vertical | N/A     |
| 4** | 5786.200        | 96.81            | -2.81       | --             | --          | AV       | 6.00           | 100         | Vertical | N/A     |
| 5   | 7550.850        | 48.43            | -2.32       | 74.0           | 25.57       | Peak     | 78.00          | 100         | Vertical | Pass    |
| 5** | 7550.850        | 38.36            | -2.32       | 54.0           | 15.64       | AV       | 78.00          | 100         | Vertical | Pass    |
| 6   | 12230.487       | 50.99            | 2.42        | 74.0           | 23.01       | Peak     | 238.00         | 300         | Vertical | Pass    |
| 6** | 12230.487       | 42.71            | 2.42        | 54.0           | 11.29       | AV       | 238.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1332.300        | 43.52            | -17.62      | 74.0           | 30.48       | Peak     | 208.00         | 200         | Horizontal | Pass    |
| 1** | 1332.300        | 39.03            | -17.62      | 54.0           | 14.97       | AV       | 208.00         | 200         | Horizontal | Pass    |
| 2   | 2835.500        | 44.67            | -10.34      | 74.0           | 29.33       | Peak     | 295.00         | 400         | Horizontal | Pass    |
| 2** | 2835.500        | 35.24            | -10.34      | 54.0           | 18.76       | AV       | 295.00         | 400         | Horizontal | Pass    |
| 3   | 4303.600        | 48.85            | -4.64       | 74.0           | 25.15       | Peak     | 329.00         | 200         | Horizontal | Pass    |
| 3** | 4303.600        | 39.49            | -4.64       | 54.0           | 14.51       | AV       | 329.00         | 200         | Horizontal | Pass    |
| 4   | 5823.800        | 111.04           | -2.67       | --             | --          | Peak     | 315.00         | 300         | Horizontal | N/A     |
| 4** | 5823.800        | 103.25           | -2.67       | --             | --          | AV       | 315.00         | 300         | Horizontal | N/A     |
| 5   | 7561.487        | 48.65            | -2.41       | 74.0           | 25.35       | Peak     | 155.00         | 100         | Horizontal | Pass    |
| 5** | 7561.487        | 39.38            | -2.41       | 54.0           | 14.62       | AV       | 155.00         | 100         | Horizontal | Pass    |
| 6   | 12158.612       | 51.49            | 2.25        | 74.0           | 22.51       | Peak     | 240.00         | 400         | Horizontal | Pass    |
| 6** | 12158.612       | 41.91            | 2.25        | 54.0           | 12.09       | AV       | 240.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1327.800        | 42.30            | -17.42      | 74.0           | 31.70       | Peak     | 65.00          | 100         | Vertical | Pass    |
| 1** | 1327.800        | 29.92            | -17.42      | 54.0           | 24.08       | AV       | 65.00          | 100         | Vertical | Pass    |
| 2   | 2876.700        | 44.79            | -10.31      | 74.0           | 29.21       | Peak     | 8.00           | 300         | Vertical | Pass    |
| 2** | 2876.700        | 35.40            | -10.31      | 54.0           | 18.60       | AV       | 8.00           | 300         | Vertical | Pass    |
| 3   | 4261.000        | 49.46            | -4.38       | 74.0           | 24.54       | Peak     | 220.00         | 200         | Vertical | Pass    |
| 3** | 4261.000        | 39.47            | -4.38       | 54.0           | 14.53       | AV       | 220.00         | 200         | Vertical | Pass    |
| 4   | 5824.000        | 104.66           | -2.67       | --             | --          | Peak     | 31.00          | 400         | Vertical | N/A     |
| 4** | 5824.000        | 97.66            | -2.67       | --             | --          | AV       | 31.00          | 400         | Vertical | N/A     |
| 5   | 7580.750        | 48.39            | -2.62       | 74.0           | 25.61       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 5** | 7580.750        | 39.07            | -2.62       | 54.0           | 14.93       | AV       | 360.00         | 100         | Vertical | Pass    |
| 6   | 12229.913       | 51.73            | 2.42        | 74.0           | 22.27       | Peak     | 134.00         | 400         | Vertical | Pass    |
| 6** | 12229.913       | 41.64            | 2.42        | 54.0           | 12.36       | AV       | 134.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1328.000        | 40.38            | -17.41      | 74.0           | 33.62       | Peak     | 37.00          | 200         | Horizontal | Pass    |
| 1** | 1328.000        | 29.78            | -17.41      | 54.0           | 24.22       | AV       | 37.00          | 200         | Horizontal | Pass    |
| 2   | 2817.500        | 44.90            | -10.41      | 74.0           | 29.10       | Peak     | 304.00         | 100         | Horizontal | Pass    |
| 2** | 2817.500        | 35.60            | -10.41      | 54.0           | 18.40       | AV       | 304.00         | 100         | Horizontal | Pass    |
| 3   | 4311.600        | 49.39            | -4.64       | 74.0           | 24.61       | Peak     | 23.00          | 150         | Horizontal | Pass    |
| 3** | 4311.600        | 40.22            | -4.64       | 54.0           | 13.78       | AV       | 23.00          | 150         | Horizontal | Pass    |
| 4   | 5758.200        | 106.71           | -3.10       | --             | --          | Peak     | 317.00         | 200         | Horizontal | N/A     |
| 4** | 5758.200        | 98.81            | -3.10       | --             | --          | AV       | 317.00         | 200         | Horizontal | N/A     |
| 5   | 7673.612        | 46.40            | -3.11       | 74.0           | 27.60       | Peak     | 47.00          | 150         | Horizontal | Pass    |
| 5** | 7673.612        | 41.29            | -3.11       | 54.0           | 12.71       | AV       | 47.00          | 150         | Horizontal | Pass    |
| 6   | 12234.512       | 51.24            | 2.43        | 74.0           | 22.76       | Peak     | 3.00           | 300         | Horizontal | Pass    |
| 6** | 12234.512       | 42.01            | 2.43        | 54.0           | 11.99       | AV       | 3.00           | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1331.900        | 43.30            | -17.60      | 74.0           | 30.70       | Peak     | 129.00         | 400         | Vertical | Pass    |
| 1** | 1331.900        | 33.33            | -17.60      | 54.0           | 20.67       | AV       | 129.00         | 400         | Vertical | Pass    |
| 2   | 2838.400        | 44.91            | -10.40      | 74.0           | 29.09       | Peak     | 290.00         | 200         | Vertical | Pass    |
| 2** | 2838.400        | 35.30            | -10.40      | 54.0           | 18.70       | AV       | 290.00         | 200         | Vertical | Pass    |
| 3   | 4222.000        | 49.20            | -4.46       | 74.0           | 24.80       | Peak     | 125.00         | 100         | Vertical | Pass    |
| 3** | 4222.000        | 38.97            | -4.46       | 54.0           | 15.03       | AV       | 125.00         | 100         | Vertical | Pass    |
| 4   | 5751.200        | 99.70            | -3.26       | --             | --          | Peak     | 30.00          | 400         | Vertical | N/A     |
| 4** | 5751.200        | 91.79            | -3.26       | --             | --          | AV       | 30.00          | 400         | Vertical | N/A     |
| 5   | 7582.762        | 47.75            | -2.66       | 74.0           | 26.25       | Peak     | 68.00          | 150         | Vertical | Pass    |
| 5** | 7582.762        | 38.91            | -2.66       | 54.0           | 15.09       | AV       | 68.00          | 150         | Vertical | Pass    |
| 6   | 12224.162       | 51.75            | 2.43        | 74.0           | 22.25       | Peak     | 10.00          | 300         | Vertical | Pass    |
| 6** | 12224.162       | 43.09            | 2.43        | 54.0           | 10.91       | AV       | 10.00          | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1374.300        | 37.86            | -17.48      | 74.0           | 36.14       | Peak     | 297.00         | 150         | Horizontal | Pass    |
| 1** | 1374.300        | 29.08            | -17.48      | 54.0           | 24.92       | AV       | 297.00         | 150         | Horizontal | Pass    |
| 2   | 2876.600        | 44.59            | -10.32      | 74.0           | 29.41       | Peak     | 29.00          | 300         | Horizontal | Pass    |
| 2** | 2876.600        | 35.67            | -10.32      | 54.0           | 18.33       | AV       | 29.00          | 300         | Horizontal | Pass    |
| 3   | 4278.200        | 48.95            | -4.51       | 74.0           | 25.05       | Peak     | 40.00          | 150         | Horizontal | Pass    |
| 3** | 4278.200        | 39.95            | -4.51       | 54.0           | 14.05       | AV       | 40.00          | 150         | Horizontal | Pass    |
| 4   | 5799.600        | 107.52           | -2.63       | --             | --          | Peak     | 308.00         | 400         | Horizontal | N/A     |
| 4** | 5799.600        | 99.61            | -2.63       | --             | --          | AV       | 308.00         | 400         | Horizontal | N/A     |
| 5   | 7726.800        | 45.85            | -3.60       | 74.0           | 28.15       | Peak     | 32.00          | 150         | Horizontal | Pass    |
| 5** | 7726.800        | 40.59            | -3.60       | 54.0           | 13.41       | AV       | 32.00          | 150         | Horizontal | Pass    |
| 6   | 12254.349       | 51.98            | 2.50        | 74.0           | 22.02       | Peak     | 1.00           | 100         | Horizontal | Pass    |
| 6** | 12254.349       | 41.81            | 2.50        | 54.0           | 12.19       | AV       | 1.00           | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1330.900        | 42.86            | -17.57      | 74.0           | 31.14       | Peak     | 271.00         | 300         | Vertical | Pass    |
| 1** | 1330.900        | 36.54            | -17.57      | 54.0           | 17.46       | AV       | 271.00         | 300         | Vertical | Pass    |
| 2   | 2752.900        | 44.85            | -10.46      | 74.0           | 29.15       | Peak     | 304.00         | 200         | Vertical | Pass    |
| 2** | 2752.900        | 35.35            | -10.46      | 54.0           | 18.65       | AV       | 304.00         | 200         | Vertical | Pass    |
| 3   | 4302.400        | 48.84            | -4.63       | 74.0           | 25.16       | Peak     | 109.00         | 150         | Vertical | Pass    |
| 3** | 4302.400        | 39.98            | -4.63       | 54.0           | 14.02       | AV       | 109.00         | 150         | Vertical | Pass    |
| 4   | 5792.800        | 101.11           | -2.72       | --             | --          | Peak     | 6.00           | 400         | Vertical | N/A     |
| 4** | 5792.800        | 93.86            | -2.72       | --             | --          | AV       | 6.00           | 400         | Vertical | N/A     |
| 5   | 7449.362        | 47.97            | -2.72       | 74.0           | 26.03       | Peak     | 240.00         | 200         | Vertical | Pass    |
| 5** | 7449.362        | 39.33            | -2.72       | 54.0           | 14.67       | AV       | 240.00         | 200         | Vertical | Pass    |
| 6   | 12240.263       | 51.34            | 2.46        | 74.0           | 22.66       | Peak     | 7.00           | 400         | Vertical | Pass    |
| 6** | 12240.263       | 42.18            | 2.46        | 54.0           | 11.82       | AV       | 7.00           | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1328.000        | 42.46            | -17.41      | 74.0           | 31.54       | Peak     | 205.00         | 400         | Horizontal | Pass    |
| 1** | 1328.000        | 29.33            | -17.41      | 54.0           | 24.67       | AV       | 205.00         | 400         | Horizontal | Pass    |
| 2   | 2858.100        | 44.58            | -10.23      | 74.0           | 29.42       | Peak     | 145.00         | 400         | Horizontal | Pass    |
| 2** | 2858.100        | 35.15            | -10.23      | 54.0           | 18.85       | AV       | 145.00         | 400         | Horizontal | Pass    |
| 3   | 4296.800        | 49.59            | -4.53       | 74.0           | 24.41       | Peak     | 2.00           | 150         | Horizontal | Pass    |
| 3** | 4296.800        | 39.89            | -4.53       | 54.0           | 14.11       | AV       | 2.00           | 150         | Horizontal | Pass    |
| 4   | 5778.400        | 103.31           | -2.77       | --             | --          | Peak     | 305.00         | 300         | Horizontal | N/A     |
| 4** | 5778.400        | 95.52            | -2.77       | --             | --          | AV       | 305.00         | 300         | Horizontal | N/A     |
| 5   | 7700.063        | 45.54            | -3.52       | 74.0           | 28.46       | Peak     | 36.00          | 150         | Horizontal | Pass    |
| 5** | 7700.063        | 40.83            | -3.52       | 54.0           | 13.17       | AV       | 36.00          | 150         | Horizontal | Pass    |
| 6   | 12220.713       | 51.32            | 2.42        | 74.0           | 22.68       | Peak     | 14.00          | 400         | Horizontal | Pass    |
| 6** | 12220.713       | 42.27            | 2.42        | 54.0           | 11.73       | AV       | 14.00          | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1466.000        | 40.09            | -17.42      | 74.0           | 33.91       | Peak     | 264.00         | 150         | Vertical | Pass    |
| 1** | 1466.000        | 29.53            | -17.42      | 54.0           | 24.47       | AV       | 264.00         | 150         | Vertical | Pass    |
| 2   | 2862.300        | 44.69            | -10.17      | 74.0           | 29.31       | Peak     | 191.00         | 300         | Vertical | Pass    |
| 2** | 2862.300        | 35.36            | -10.17      | 54.0           | 18.64       | AV       | 191.00         | 300         | Vertical | Pass    |
| 3   | 4351.000        | 48.99            | -4.70       | 74.0           | 25.01       | Peak     | 68.00          | 150         | Vertical | Pass    |
| 3** | 4351.000        | 39.13            | -4.70       | 54.0           | 14.87       | AV       | 68.00          | 150         | Vertical | Pass    |
| 4   | 5781.000        | 97.34            | -2.76       | --             | --          | Peak     | 8.00           | 300         | Vertical | N/A     |
| 4** | 5781.000        | 89.98            | -2.76       | --             | --          | AV       | 8.00           | 300         | Vertical | N/A     |
| 5   | 7558.612        | 48.29            | -2.47       | 74.0           | 25.71       | Peak     | 143.00         | 200         | Vertical | Pass    |
| 5** | 7558.612        | 38.32            | -2.47       | 54.0           | 15.68       | AV       | 143.00         | 200         | Vertical | Pass    |
| 6   | 11674.463       | 51.45            | 1.93        | 74.0           | 22.55       | Peak     | 250.00         | 400         | Vertical | Pass    |
| 6** | 11674.463       | 42.41            | 1.93        | 54.0           | 11.59       | AV       | 250.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.300        | 41.74            | -17.54      | 74.0           | 32.26       | Peak     | 44.00          | 100         | Horizontal | Pass    |
| 1** | 1330.300        | 30.31            | -17.54      | 54.0           | 23.69       | AV       | 44.00          | 100         | Horizontal | Pass    |
| 2   | 2727.100        | 45.19            | -10.35      | 74.0           | 28.81       | Peak     | 10.00          | 200         | Horizontal | Pass    |
| 2** | 2727.100        | 34.93            | -10.35      | 54.0           | 19.07       | AV       | 10.00          | 200         | Horizontal | Pass    |
| 3   | 4294.000        | 48.98            | -4.51       | 74.0           | 25.02       | Peak     | 20.00          | 100         | Horizontal | Pass    |
| 3** | 4294.000        | 40.20            | -4.51       | 54.0           | 13.80       | AV       | 20.00          | 100         | Horizontal | Pass    |
| 4   | 5722.200        | 109.18           | -3.75       | --             | --          | Peak     | 305.00         | 300         | Horizontal | N/A     |
| 4** | 5722.200        | 101.84           | -3.75       | --             | --          | AV       | 305.00         | 300         | Horizontal | N/A     |
| 5   | 7626.750        | 46.41            | -2.94       | 74.0           | 27.59       | Peak     | 91.00          | 150         | Horizontal | Pass    |
| 5** | 7626.750        | 41.66            | -2.94       | 54.0           | 12.34       | AV       | 91.00          | 150         | Horizontal | Pass    |
| 6   | 12311.850       | 51.58            | 2.13        | 74.0           | 22.42       | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 6** | 12311.850       | 42.15            | 2.13        | 54.0           | 11.85       | AV       | 0.00           | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1599.400        | 40.14            | -17.62      | 74.0           | 33.86       | Peak     | 0.00           | 150         | Vertical | Pass    |
| 1** | 1599.400        | 30.43            | -17.62      | 54.0           | 23.57       | AV       | 0.00           | 150         | Vertical | Pass    |
| 2   | 2727.900        | 44.97            | -10.37      | 74.0           | 29.03       | Peak     | 97.00          | 100         | Vertical | Pass    |
| 2** | 2727.900        | 35.11            | -10.37      | 54.0           | 18.89       | AV       | 97.00          | 100         | Vertical | Pass    |
| 3   | 4301.600        | 48.88            | -4.60       | 74.0           | 25.12       | Peak     | 274.00         | 200         | Vertical | Pass    |
| 3** | 4301.600        | 40.64            | -4.60       | 54.0           | 13.36       | AV       | 274.00         | 200         | Vertical | Pass    |
| 4   | 5718.200        | 102.57           | -3.79       | --             | --          | Peak     | 54.00          | 200         | Vertical | N/A     |
| 4** | 5718.200        | 94.76            | -3.79       | --             | --          | AV       | 54.00          | 200         | Vertical | N/A     |
| 5   | 7516.063        | 48.46            | -2.17       | 74.0           | 25.54       | Peak     | 226.00         | 150         | Vertical | Pass    |
| 5** | 7516.063        | 38.48            | -2.17       | 54.0           | 15.52       | AV       | 226.00         | 150         | Vertical | Pass    |
| 6   | 12224.737       | 51.90            | 2.43        | 74.0           | 22.10       | Peak     | 353.00         | 100         | Vertical | Pass    |
| 6** | 12224.737       | 42.46            | 2.43        | 54.0           | 11.54       | AV       | 353.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1331.900        | 39.53            | -17.60      | 74.0           | 34.47       | Peak     | 37.00          | 200         | Horizontal | Pass    |
| 1** | 1331.900        | 30.30            | -17.60      | 54.0           | 23.70       | AV       | 37.00          | 200         | Horizontal | Pass    |
| 2   | 2813.200        | 44.89            | -10.55      | 74.0           | 29.11       | Peak     | 11.00          | 200         | Horizontal | Pass    |
| 2** | 2813.200        | 35.03            | -10.55      | 54.0           | 18.97       | AV       | 11.00          | 200         | Horizontal | Pass    |
| 3   | 4320.800        | 48.97            | -4.75       | 74.0           | 25.03       | Peak     | 307.00         | 200         | Horizontal | Pass    |
| 3** | 4320.800        | 39.92            | -4.75       | 54.0           | 14.08       | AV       | 307.00         | 200         | Horizontal | Pass    |
| 4   | 5718.800        | 108.11           | -3.77       | --             | --          | Peak     | 307.00         | 300         | Horizontal | N/A     |
| 4** | 5718.800        | 102.26           | -3.77       | --             | --          | AV       | 307.00         | 300         | Horizontal | N/A     |
| 5   | 7626.750        | 46.54            | -2.94       | 74.0           | 27.46       | Peak     | 68.00          | 150         | Horizontal | Pass    |
| 5** | 7626.750        | 42.64            | -2.94       | 54.0           | 11.36       | AV       | 68.00          | 150         | Horizontal | Pass    |
| 6   | 12170.974       | 51.09            | 2.57        | 74.0           | 22.91       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 6** | 12170.974       | 41.84            | 2.57        | 54.0           | 12.16       | AV       | 360.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1331.000        | 42.42            | -17.57      | 74.0           | 31.58       | Peak     | 110.00         | 100         | Vertical | Pass    |
| 1** | 1331.000        | 29.95            | -17.57      | 54.0           | 24.05       | AV       | 110.00         | 100         | Vertical | Pass    |
| 2   | 2728.700        | 44.72            | -10.38      | 74.0           | 29.28       | Peak     | 72.00          | 200         | Vertical | Pass    |
| 2** | 2728.700        | 36.37            | -10.38      | 54.0           | 17.63       | AV       | 72.00          | 200         | Vertical | Pass    |
| 3   | 4331.200        | 48.52            | -4.68       | 74.0           | 25.48       | Peak     | 78.00          | 150         | Vertical | Pass    |
| 3** | 4331.200        | 39.48            | -4.68       | 54.0           | 14.52       | AV       | 78.00          | 150         | Vertical | Pass    |
| 4   | 5722.000        | 101.91           | -3.75       | --             | --          | Peak     | 66.00          | 400         | Vertical | N/A     |
| 4** | 5722.000        | 93.59            | -3.75       | --             | --          | AV       | 66.00          | 400         | Vertical | N/A     |
| 5   | 7593.112        | 48.37            | -2.88       | 74.0           | 25.63       | Peak     | 360.00         | 150         | Vertical | Pass    |
| 5** | 7593.112        | 38.46            | -2.88       | 54.0           | 15.54       | AV       | 360.00         | 150         | Vertical | Pass    |
| 6   | 12172.701       | 51.00            | 2.61        | 74.0           | 23.00       | Peak     | 160.00         | 300         | Vertical | Pass    |
| 6** | 12172.701       | 41.86            | 2.61        | 54.0           | 12.14       | AV       | 160.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1328.300        | 39.85            | -17.41      | 74.0           | 34.15       | Peak     | 204.00         | 300         | Horizontal | Pass    |
| 1** | 1328.300        | 29.21            | -17.41      | 54.0           | 24.79       | AV       | 204.00         | 300         | Horizontal | Pass    |
| 2   | 2853.600        | 44.22            | -10.38      | 74.0           | 29.78       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 2** | 2853.600        | 35.02            | -10.38      | 54.0           | 18.98       | AV       | 0.00           | 100         | Horizontal | Pass    |
| 3   | 4256.600        | 48.95            | -4.46       | 74.0           | 25.05       | Peak     | 339.00         | 200         | Horizontal | Pass    |
| 3** | 4256.600        | 40.19            | -4.46       | 54.0           | 13.81       | AV       | 339.00         | 200         | Horizontal | Pass    |
| 4   | 5707.800        | 105.40           | -3.82       | --             | --          | Peak     | 307.00         | 200         | Horizontal | N/A     |
| 4** | 5707.800        | 97.38            | -3.82       | --             | --          | AV       | 307.00         | 200         | Horizontal | N/A     |
| 5   | 7613.525        | 49.30            | -3.10       | 74.0           | 24.70       | Peak     | 19.00          | 150         | Horizontal | Pass    |
| 5** | 7613.525        | 42.75            | -3.10       | 54.0           | 11.25       | AV       | 19.00          | 150         | Horizontal | Pass    |
| 6   | 12186.500       | 51.68            | 2.55        | 74.0           | 22.32       | Peak     | 143.00         | 300         | Horizontal | Pass    |
| 6** | 12186.500       | 42.28            | 2.55        | 54.0           | 11.72       | AV       | 143.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1328.400        | 44.15            | -17.42      | 74.0           | 29.85       | Peak     | 324.00         | 300         | Vertical | Pass    |
| 1** | 1328.400        | 30.44            | -17.42      | 54.0           | 23.56       | AV       | 324.00         | 300         | Vertical | Pass    |
| 2   | 2741.200        | 44.56            | -10.37      | 74.0           | 29.44       | Peak     | 349.00         | 300         | Vertical | Pass    |
| 2** | 2741.200        | 35.60            | -10.37      | 54.0           | 18.40       | AV       | 349.00         | 300         | Vertical | Pass    |
| 3   | 4313.000        | 49.08            | -4.70       | 74.0           | 24.92       | Peak     | 168.00         | 200         | Vertical | Pass    |
| 3** | 4313.000        | 40.39            | -4.70       | 54.0           | 13.61       | AV       | 168.00         | 200         | Vertical | Pass    |
| 4   | 5707.600        | 98.52            | -3.82       | --             | --          | Peak     | 5.00           | 200         | Vertical | N/A     |
| 4** | 5707.600        | 90.45            | -3.82       | --             | --          | AV       | 5.00           | 200         | Vertical | N/A     |
| 5   | 7571.550        | 48.14            | -2.58       | 74.0           | 25.86       | Peak     | 342.00         | 100         | Vertical | Pass    |
| 5** | 7571.550        | 38.63            | -2.58       | 54.0           | 15.37       | AV       | 342.00         | 100         | Vertical | Pass    |
| 6   | 11671.875       | 51.06            | 1.92        | 74.0           | 22.94       | Peak     | 51.00          | 400         | Vertical | Pass    |
| 6** | 11671.875       | 41.92            | 1.92        | 54.0           | 12.08       | AV       | 51.00          | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1328.600        | 40.24            | -17.43      | 74.0           | 33.76       | Peak     | 347.00         | 200         | Horizontal | Pass    |
| 1** | 1328.600        | 30.20            | -17.43      | 54.0           | 23.80       | AV       | 347.00         | 200         | Horizontal | Pass    |
| 2   | 2818.800        | 44.42            | -10.34      | 74.0           | 29.58       | Peak     | 63.00          | 200         | Horizontal | Pass    |
| 2** | 2818.800        | 35.61            | -10.34      | 54.0           | 18.39       | AV       | 63.00          | 200         | Horizontal | Pass    |
| 3   | 4300.200        | 49.29            | -4.55       | 74.0           | 24.71       | Peak     | 178.00         | 100         | Horizontal | Pass    |
| 3** | 4300.200        | 39.85            | -4.55       | 54.0           | 14.15       | AV       | 178.00         | 100         | Horizontal | Pass    |
| 4   | 5722.600        | 107.96           | -3.77       | --             | --          | Peak     | 313.00         | 100         | Horizontal | N/A     |
| 4** | 5722.600        | 100.42           | -3.77       | --             | --          | AV       | 313.00         | 100         | Horizontal | N/A     |
| 5   | 7626.750        | 46.91            | -2.94       | 74.0           | 27.09       | Peak     | 37.00          | 150         | Horizontal | Pass    |
| 5** | 7626.750        | 42.28            | -2.94       | 54.0           | 11.72       | AV       | 37.00          | 150         | Horizontal | Pass    |
| 6   | 11635.651       | 51.69            | 2.10        | 74.0           | 22.31       | Peak     | 164.00         | 100         | Horizontal | Pass    |
| 6** | 11635.651       | 43.12            | 2.10        | 54.0           | 10.88       | AV       | 164.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1597.700        | 39.78            | -17.63      | 74.0           | 34.22       | Peak     | 0.00           | 150         | Vertical | Pass    |
| 1** | 1597.700        | 30.08            | -17.63      | 54.0           | 23.92       | AV       | 0.00           | 150         | Vertical | Pass    |
| 2   | 2864.200        | 44.66            | -10.30      | 74.0           | 29.34       | Peak     | 358.00         | 300         | Vertical | Pass    |
| 2** | 2864.200        | 34.85            | -10.30      | 54.0           | 19.15       | AV       | 358.00         | 300         | Vertical | Pass    |
| 3   | 4298.000        | 49.16            | -4.51       | 74.0           | 24.84       | Peak     | 139.00         | 150         | Vertical | Pass    |
| 3** | 4298.000        | 39.91            | -4.51       | 54.0           | 14.09       | AV       | 139.00         | 150         | Vertical | Pass    |
| 4   | 5721.200        | 101.65           | -3.71       | --             | --          | Peak     | 28.00          | 400         | Vertical | N/A     |
| 4** | 5721.200        | 93.56            | -3.71       | --             | --          | AV       | 28.00          | 400         | Vertical | N/A     |
| 5   | 7566.950        | 48.13            | -2.46       | 74.0           | 25.87       | Peak     | 207.00         | 200         | Vertical | Pass    |
| 5** | 7566.950        | 39.30            | -2.46       | 54.0           | 14.70       | AV       | 207.00         | 200         | Vertical | Pass    |
| 6   | 12185.638       | 51.48            | 2.57        | 74.0           | 22.52       | Peak     | 354.00         | 400         | Vertical | Pass    |
| 6** | 12185.638       | 41.73            | 2.57        | 54.0           | 12.27       | AV       | 354.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1328.700        | 42.13            | -17.44      | 74.0           | 31.87       | Peak     | 344.00         | 300         | Horizontal | Pass    |
| 1** | 1328.700        | 30.83            | -17.44      | 54.0           | 23.17       | AV       | 344.00         | 300         | Horizontal | Pass    |
| 2   | 2758.200        | 44.37            | -10.72      | 74.0           | 29.63       | Peak     | 331.00         | 400         | Horizontal | Pass    |
| 2** | 2758.200        | 35.43            | -10.72      | 54.0           | 18.57       | AV       | 331.00         | 400         | Horizontal | Pass    |
| 3   | 4276.600        | 49.57            | -4.53       | 74.0           | 24.43       | Peak     | 346.00         | 100         | Horizontal | Pass    |
| 3** | 4276.600        | 39.79            | -4.53       | 54.0           | 14.21       | AV       | 346.00         | 100         | Horizontal | Pass    |
| 4   | 5713.800        | 104.55           | -3.75       | --             | --          | Peak     | 313.00         | 100         | Horizontal | N/A     |
| 4** | 5713.800        | 96.05            | -3.75       | --             | --          | AV       | 313.00         | 100         | Horizontal | N/A     |
| 5   | 7613.525        | 48.70            | -3.10       | 74.0           | 25.30       | Peak     | 336.00         | 150         | Horizontal | Pass    |
| 5** | 7613.525        | 42.70            | -3.10       | 54.0           | 11.30       | AV       | 336.00         | 150         | Horizontal | Pass    |
| 6   | 12212.375       | 51.83            | 2.40        | 74.0           | 22.17       | Peak     | 303.00         | 400         | Horizontal | Pass    |
| 6** | 12212.375       | 42.20            | 2.40        | 54.0           | 11.80       | AV       | 303.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1499.100        | 39.80            | -17.49      | 74.0           | 34.20       | Peak     | 233.00         | 150         | Vertical | Pass    |
| 1** | 1499.100        | 28.94            | -17.49      | 54.0           | 25.06       | AV       | 233.00         | 150         | Vertical | Pass    |
| 2   | 2864.200        | 44.67            | -10.30      | 74.0           | 29.33       | Peak     | 267.00         | 300         | Vertical | Pass    |
| 2** | 2864.200        | 34.56            | -10.30      | 54.0           | 19.44       | AV       | 267.00         | 300         | Vertical | Pass    |
| 3   | 4285.800        | 48.50            | -4.65       | 74.0           | 25.50       | Peak     | 352.00         | 100         | Vertical | Pass    |
| 3** | 4285.800        | 40.04            | -4.65       | 54.0           | 13.96       | AV       | 352.00         | 100         | Vertical | Pass    |
| 4   | 5707.000        | 97.99            | -3.79       | --             | --          | Peak     | 24.00          | 200         | Vertical | N/A     |
| 4** | 5707.000        | 89.98            | -3.79       | --             | --          | AV       | 24.00          | 200         | Vertical | N/A     |
| 5   | 7596.850        | 48.28            | -3.00       | 74.0           | 25.72       | Peak     | 197.00         | 100         | Vertical | Pass    |
| 5** | 7596.850        | 38.87            | -3.00       | 54.0           | 15.13       | AV       | 197.00         | 100         | Vertical | Pass    |
| 6   | 12237.100       | 51.71            | 2.44        | 74.0           | 22.29       | Peak     | 0.00           | 300         | Vertical | Pass    |
| 6** | 12237.100       | 41.69            | 2.44        | 54.0           | 12.31       | AV       | 0.00           | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1326.900        | 41.58            | -17.47      | 74.0           | 32.42       | Peak     | 204.00         | 100         | Horizontal | Pass    |
| 1** | 1326.900        | 29.60            | -17.47      | 54.0           | 24.40       | AV       | 204.00         | 100         | Horizontal | Pass    |
| 2   | 2834.800        | 44.96            | -10.38      | 74.0           | 29.04       | Peak     | 70.00          | 300         | Horizontal | Pass    |
| 2** | 2834.800        | 35.66            | -10.38      | 54.0           | 18.34       | AV       | 70.00          | 300         | Horizontal | Pass    |
| 3   | 4354.800        | 49.39            | -4.81       | 74.0           | 24.61       | Peak     | 34.00          | 150         | Horizontal | Pass    |
| 3** | 4354.800        | 39.82            | -4.81       | 54.0           | 14.18       | AV       | 34.00          | 150         | Horizontal | Pass    |
| 4   | 5697.000        | 100.95           | -3.61       | --             | --          | Peak     | 313.00         | 100         | Horizontal | N/A     |
| 4** | 5697.000        | 92.57            | -3.61       | --             | --          | AV       | 313.00         | 100         | Horizontal | N/A     |
| 5   | 7587.075        | 48.45            | -2.77       | 74.0           | 25.55       | Peak     | 37.00          | 150         | Horizontal | Pass    |
| 5** | 7587.075        | 44.16            | -2.77       | 54.0           | 9.84        | AV       | 37.00          | 150         | Horizontal | Pass    |
| 6   | 11688.263       | 51.25            | 1.73        | 74.0           | 22.75       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 6** | 11688.263       | 41.38            | 1.73        | 54.0           | 12.62       | AV       | 0.00           | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1515.100        | 41.08            | -17.62      | 74.0           | 32.92       | Peak     | 240.00         | 150         | Vertical | Pass    |
| 1** | 1515.100        | 29.06            | -17.62      | 54.0           | 24.94       | AV       | 240.00         | 150         | Vertical | Pass    |
| 2   | 2809.200        | 44.75            | -10.63      | 74.0           | 29.25       | Peak     | 143.00         | 300         | Vertical | Pass    |
| 2** | 2809.200        | 35.16            | -10.63      | 54.0           | 18.84       | AV       | 143.00         | 300         | Vertical | Pass    |
| 3   | 4299.600        | 49.68            | -4.52       | 74.0           | 24.32       | Peak     | 50.00          | 200         | Vertical | Pass    |
| 3** | 4299.600        | 40.39            | -4.52       | 54.0           | 13.61       | AV       | 50.00          | 200         | Vertical | Pass    |
| 4   | 5683.000        | 93.85            | -3.61       | --             | --          | Peak     | 226.00         | 100         | Vertical | N/A     |
| 4** | 5683.000        | 86.21            | -3.61       | --             | --          | AV       | 226.00         | 100         | Vertical | N/A     |
| 5   | 7610.075        | 47.91            | -3.10       | 74.0           | 26.09       | Peak     | 358.00         | 200         | Vertical | Pass    |
| 5** | 7610.075        | 39.29            | -3.10       | 54.0           | 14.71       | AV       | 358.00         | 200         | Vertical | Pass    |
| 6   | 12192.250       | 51.20            | 2.47        | 74.0           | 22.80       | Peak     | 198.00         | 100         | Vertical | Pass    |
| 6** | 12192.250       | 41.76            | 2.47        | 54.0           | 12.24       | AV       | 198.00         | 100         | Vertical | Pass    |

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

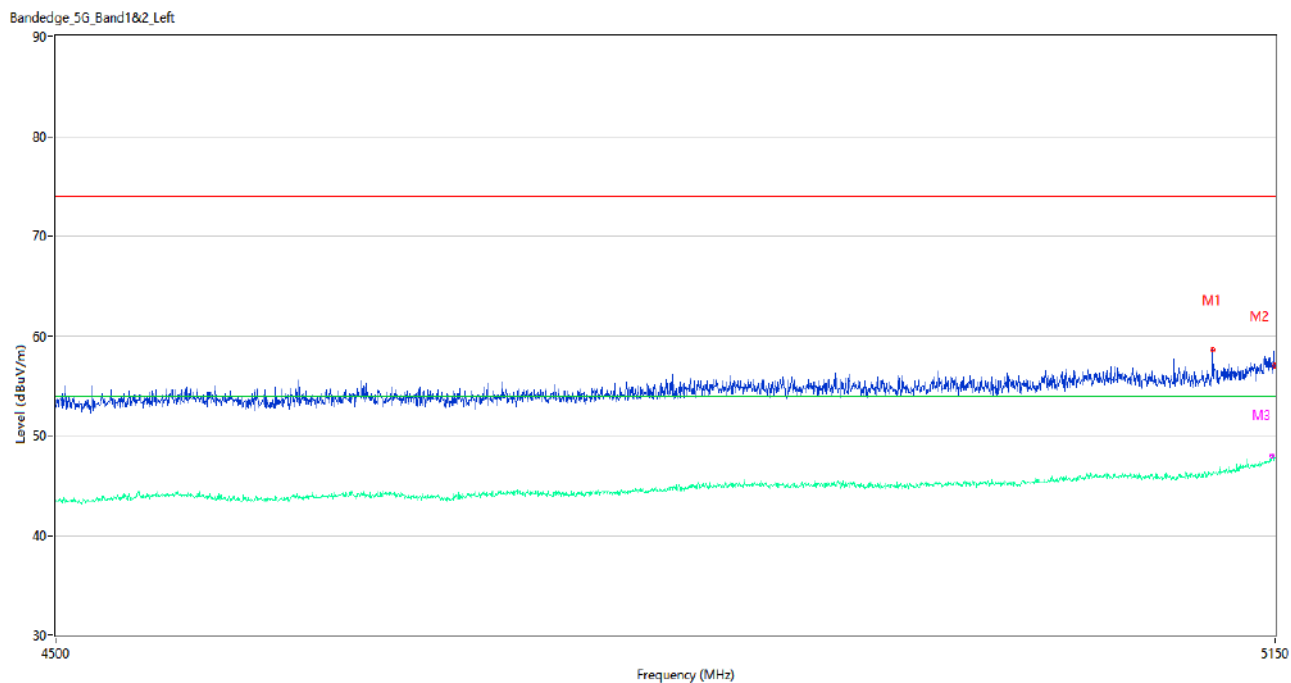
| Test Band | Mode            | Channel | Verdict |
|-----------|-----------------|---------|---------|
| U-NII-1   | 802.11a         | Low     | Pass    |
|           |                 | High    | Pass    |
|           | 802.11n(HT20)   | Low     | Pass    |
|           |                 | High    |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

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

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

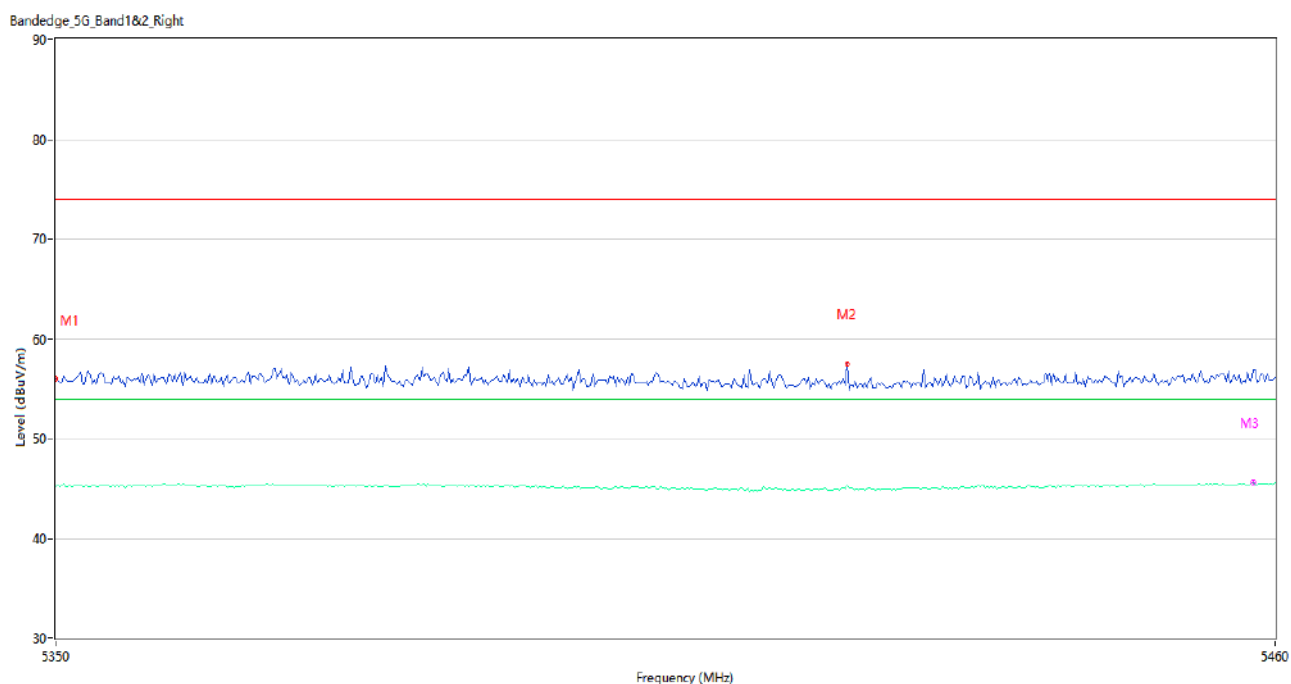
## Test Data and Plots

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



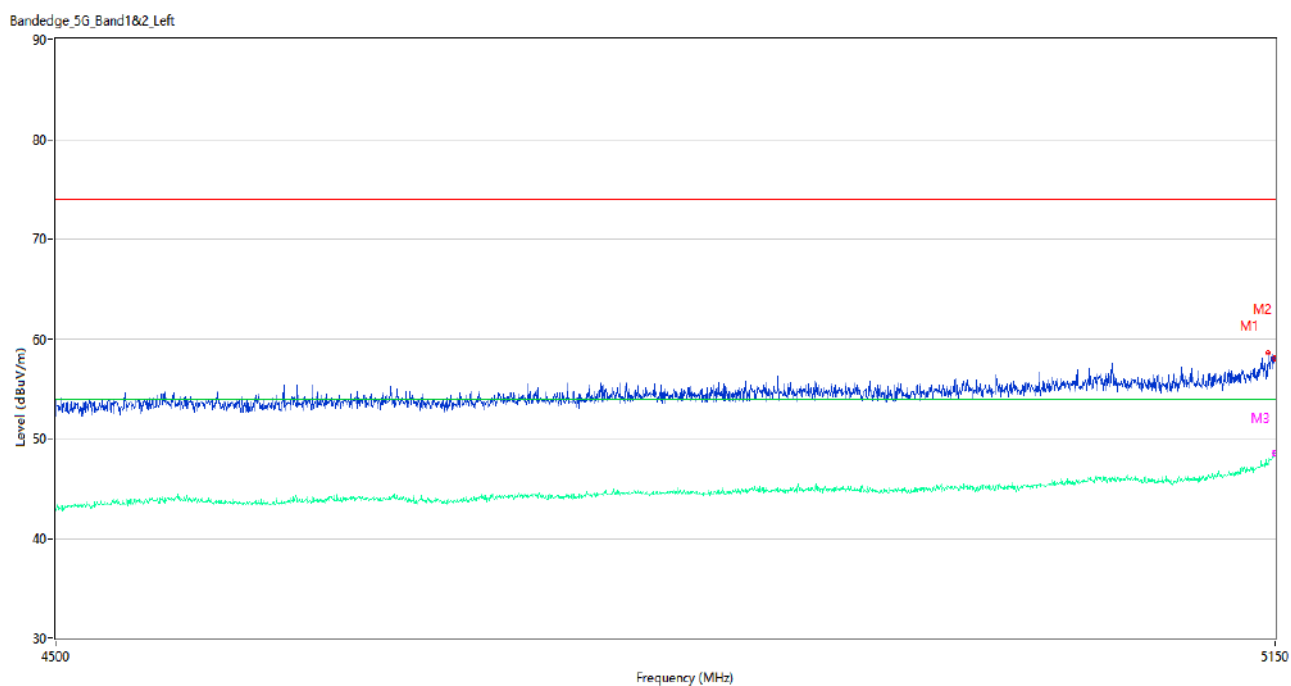
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5114.575        | 58.56            | 2.61        | 74.0           | 15.44       | Peak     | 23.00          | 300         | Horizontal | Pass    |
| 1** | 5114.575        | 45.99            | 2.61        | 54.0           | 8.01        | AV       | 23.00          | 300         | Horizontal | Pass    |
| 2   | 5150.000        | 57.02            | 2.46        | 74.0           | 16.98       | Peak     | 117.00         | 400         | Horizontal | Pass    |
| 2** | 5150.000        | 47.79            | 2.46        | 54.0           | 6.21        | AV       | 117.00         | 400         | Horizontal | Pass    |
| 3   | 5148.050        | 57.01            | 2.48        | 74.0           | 16.99       | Peak     | 116.00         | 150         | Horizontal | Pass    |
| 3** | 5148.050        | 47.92            | 2.48        | 54.0           | 6.08        | AV       | 116.00         | 150         | Horizontal | Pass    |

## U-NII-1 11a High Channel



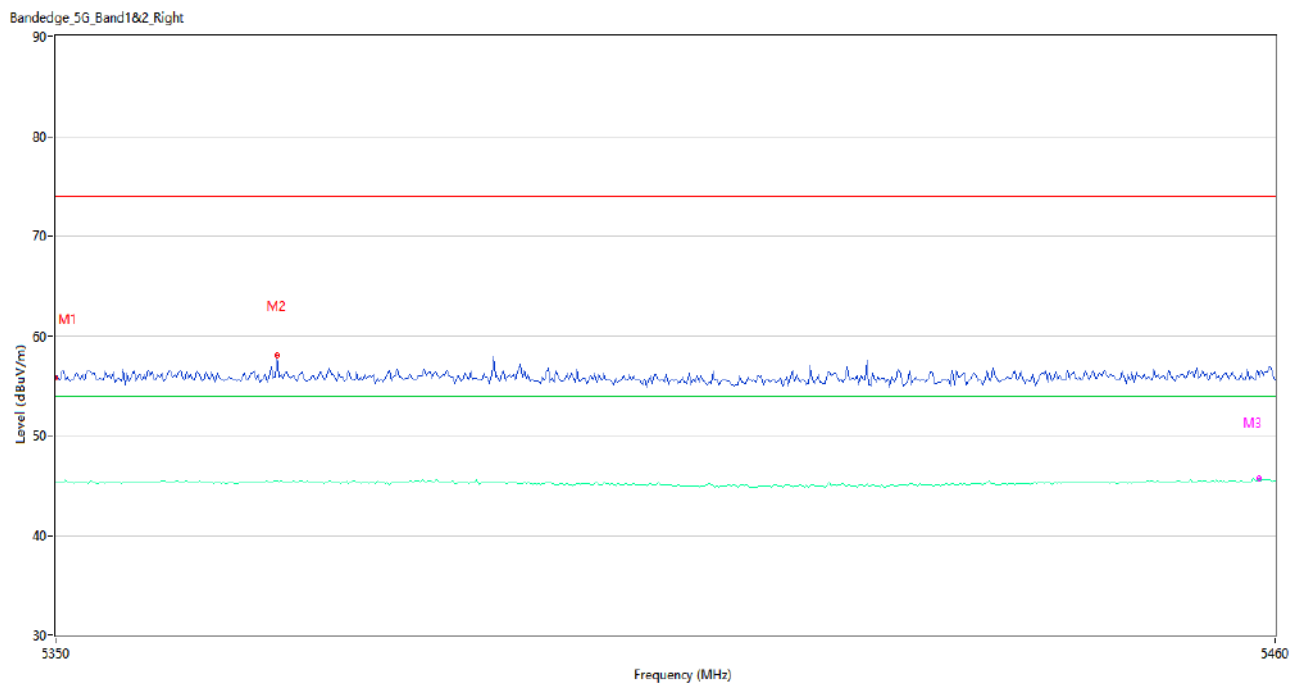
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.96            | 2.52        | 74.0           | 18.04       | Peak     | 274.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 45.11            | 2.52        | 54.0           | 8.89        | AV       | 274.00         | 100         | Horizontal | Pass    |
| 2   | 5421.133        | 57.42            | 2.31        | 74.0           | 16.58       | Peak     | 168.00         | 200         | Horizontal | Pass    |
| 2** | 5421.133        | 45.25            | 2.31        | 54.0           | 8.75        | AV       | 168.00         | 200         | Horizontal | Pass    |
| 3   | 5457.983        | 56.93            | 2.64        | 74.0           | 17.07       | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 3** | 5457.983        | 45.59            | 2.64        | 54.0           | 8.41        | AV       | 360.00         | 150         | Horizontal | Pass    |

## U-NII-1 11n20 Low Channel



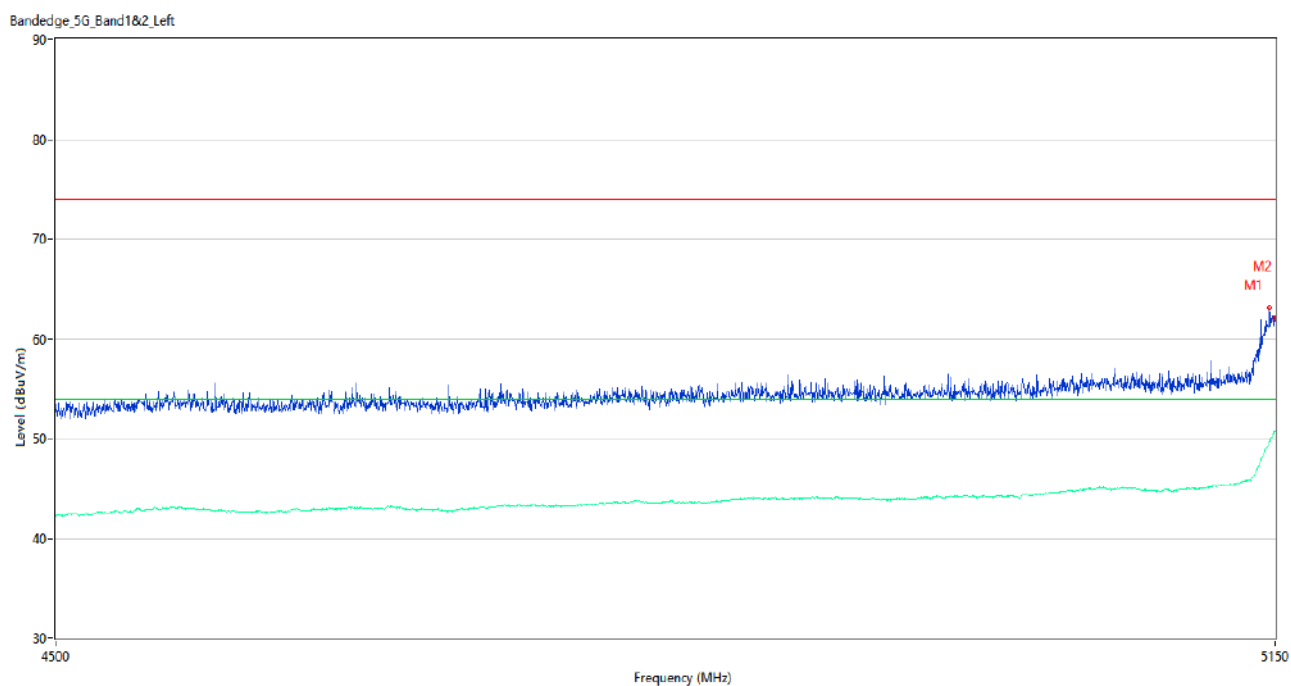
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5145.775        | 58.57            | 2.48        | 74.0           | 15.43       | Peak     | 130.00         | 400         | Horizontal | Pass    |
| 1** | 5145.775        | 47.73            | 2.48        | 54.0           | 6.27        | AV       | 130.00         | 400         | Horizontal | Pass    |
| 2   | 5150.000        | 57.98            | 2.46        | 74.0           | 16.02       | Peak     | 126.00         | 100         | Horizontal | Pass    |
| 2** | 5150.000        | 48.51            | 2.46        | 54.0           | 5.49        | AV       | 126.00         | 100         | Horizontal | Pass    |
| 3   | 5149.675        | 58.12            | 2.47        | 74.0           | 15.88       | Peak     | 114.00         | 150         | Horizontal | Pass    |
| 3** | 5149.675        | 48.58            | 2.47        | 54.0           | 5.42        | AV       | 114.00         | 150         | Horizontal | Pass    |

## U-NII-1 11n20 High Channel



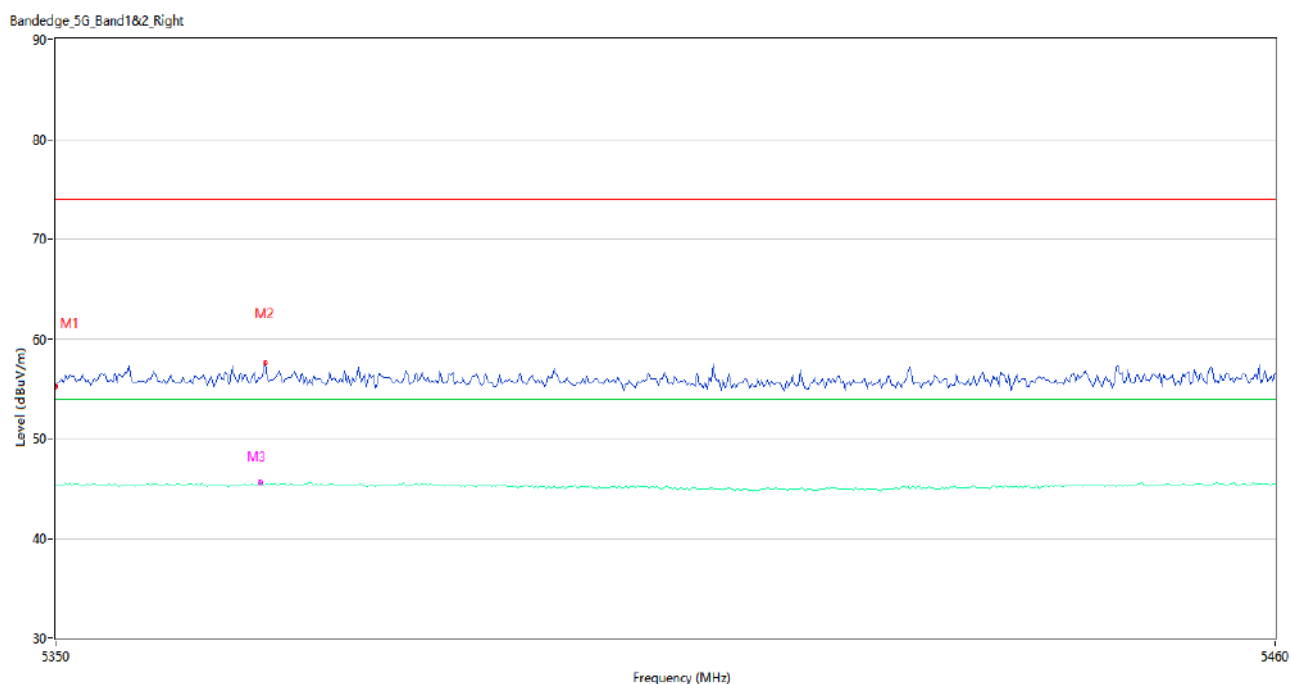
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.71            | 2.52        | 74.0           | 18.29       | Peak     | 246.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 45.21            | 2.52        | 54.0           | 8.79        | AV       | 246.00         | 100         | Horizontal | Pass    |
| 2   | 5369.800        | 58.04            | 2.58        | 74.0           | 15.96       | Peak     | 175.00         | 100         | Horizontal | Pass    |
| 2** | 5369.800        | 45.51            | 2.58        | 54.0           | 8.49        | AV       | 175.00         | 100         | Horizontal | Pass    |
| 3   | 5458.533        | 55.84            | 2.66        | 74.0           | 18.16       | Peak     | 67.00          | 150         | Horizontal | Pass    |
| 3** | 5458.533        | 45.75            | 2.66        | 54.0           | 8.25        | AV       | 67.00          | 150         | Horizontal | Pass    |

## U-NII-1 11n40 Low Channel



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5146.750        | 63.12            | 2.45        | 74.0           | 10.88       | Peak     | 99.00          | 400         | Horizontal | Pass    |
| 1** | 5146.750        | 49.66            | 2.45        | 54.0           | 4.34        | AV       | 99.00          | 400         | Horizontal | Pass    |
| 2   | 5150.000        | 62.07            | 2.46        | 74.0           | 11.93       | Peak     | 99.00          | 400         | Horizontal | Pass    |
| 2** | 5150.000        | 50.71            | 2.46        | 54.0           | 3.29        | AV       | 99.00          | 400         | Horizontal | Pass    |

## U-NII-1 11n40 High Channel



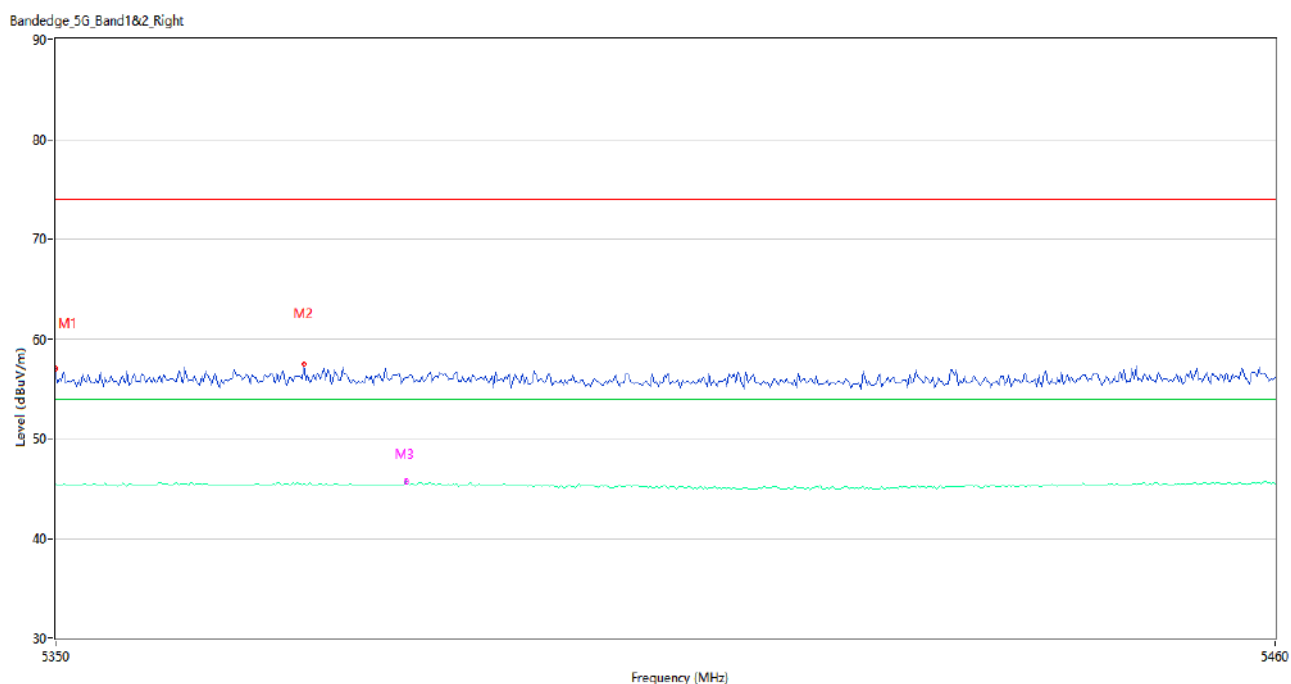
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.25            | 2.52        | 74.0           | 18.75       | Peak     | 109.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 45.33            | 2.52        | 54.0           | 8.67        | AV       | 109.00         | 200         | Horizontal | Pass    |
| 2   | 5368.700        | 57.57            | 2.56        | 74.0           | 16.43       | Peak     | 344.00         | 100         | Horizontal | Pass    |
| 2** | 5368.700        | 45.32            | 2.56        | 54.0           | 8.68        | AV       | 344.00         | 100         | Horizontal | Pass    |
| 3   | 5368.333        | 56.02            | 2.56        | 74.0           | 17.98       | Peak     | 344.00         | 200         | Horizontal | Pass    |
| 3** | 5368.333        | 45.63            | 2.56        | 54.0           | 8.37        | AV       | 344.00         | 200         | Horizontal | Pass    |

## U-NII-1 11ac20 Low Channel



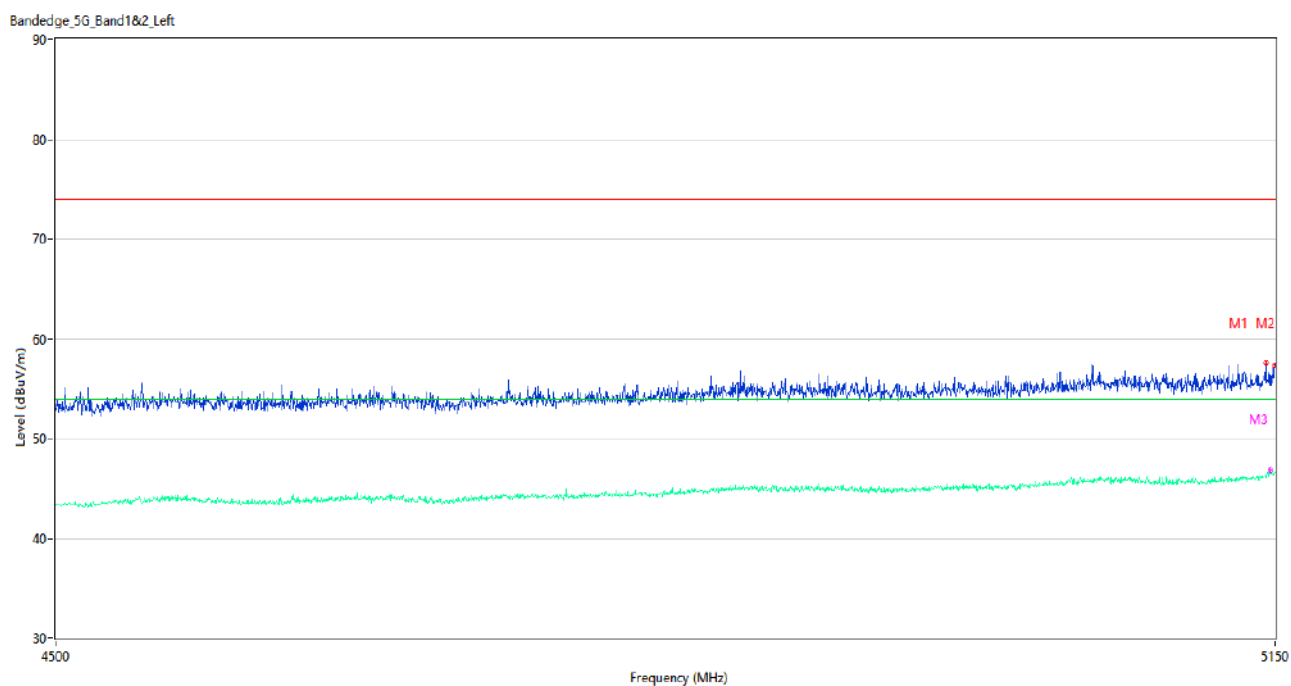
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5149.675        | 59.43            | 2.47        | 74.0           | 14.57       | Peak     | 10.00          | 300         | Horizontal | Pass    |
| 1** | 5149.675        | 47.93            | 2.47        | 54.0           | 6.07        | AV       | 10.00          | 300         | Horizontal | Pass    |
| 2   | 5150.000        | 57.72            | 2.46        | 74.0           | 16.28       | Peak     | 48.00          | 200         | Horizontal | Pass    |
| 2** | 5150.000        | 48.11            | 2.46        | 54.0           | 5.89        | AV       | 48.00          | 200         | Horizontal | Pass    |

## U-NII-1 11ac20 High Channel



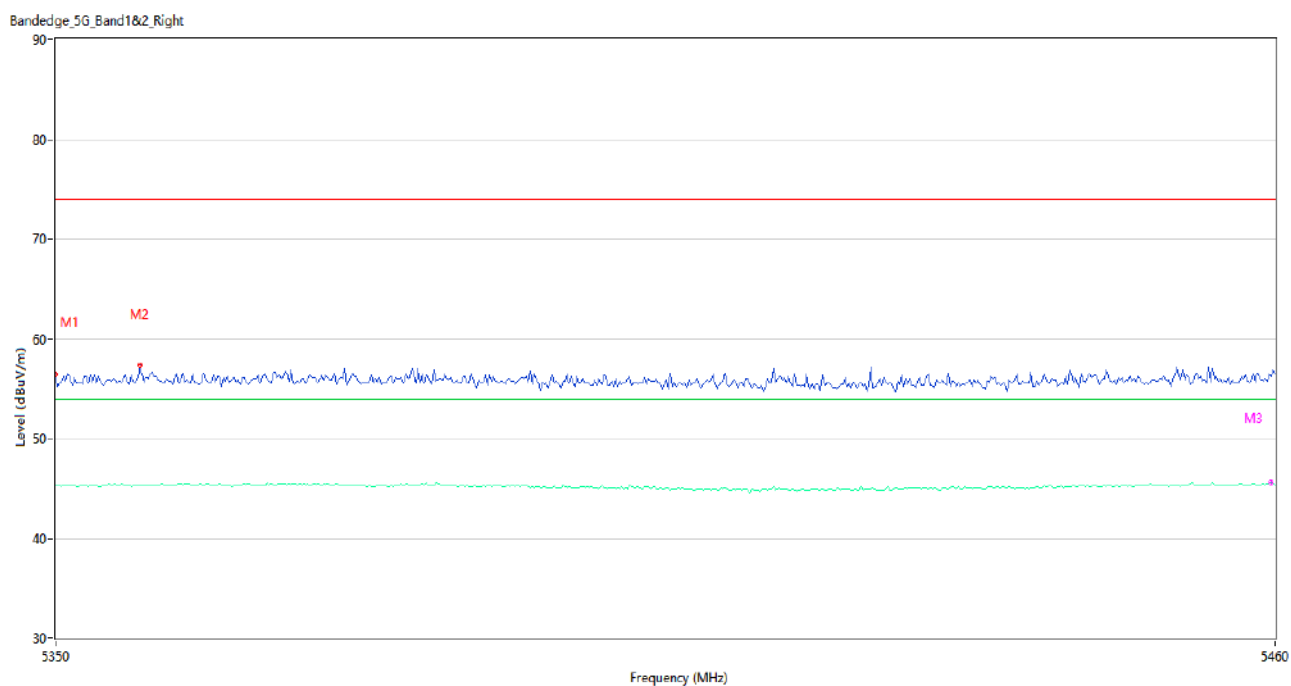
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 56.98            | 2.52        | 74.0           | 17.02       | Peak     | 352.00         | 300         | Horizontal | Pass    |
| 1** | 5350.000        | 45.48            | 2.52        | 54.0           | 8.52        | AV       | 352.00         | 300         | Horizontal | Pass    |
| 2   | 5372.183        | 57.50            | 2.58        | 74.0           | 16.50       | Peak     | 137.00         | 200         | Horizontal | Pass    |
| 2** | 5372.183        | 45.43            | 2.58        | 54.0           | 8.57        | AV       | 137.00         | 200         | Horizontal | Pass    |
| 3   | 5381.350        | 56.09            | 2.52        | 74.0           | 17.91       | Peak     | 2.00           | 150         | Horizontal | Pass    |
| 3** | 5381.350        | 45.68            | 2.52        | 54.0           | 8.32        | AV       | 2.00           | 150         | Horizontal | Pass    |

## U-NII-1 11ac40 Low Channel



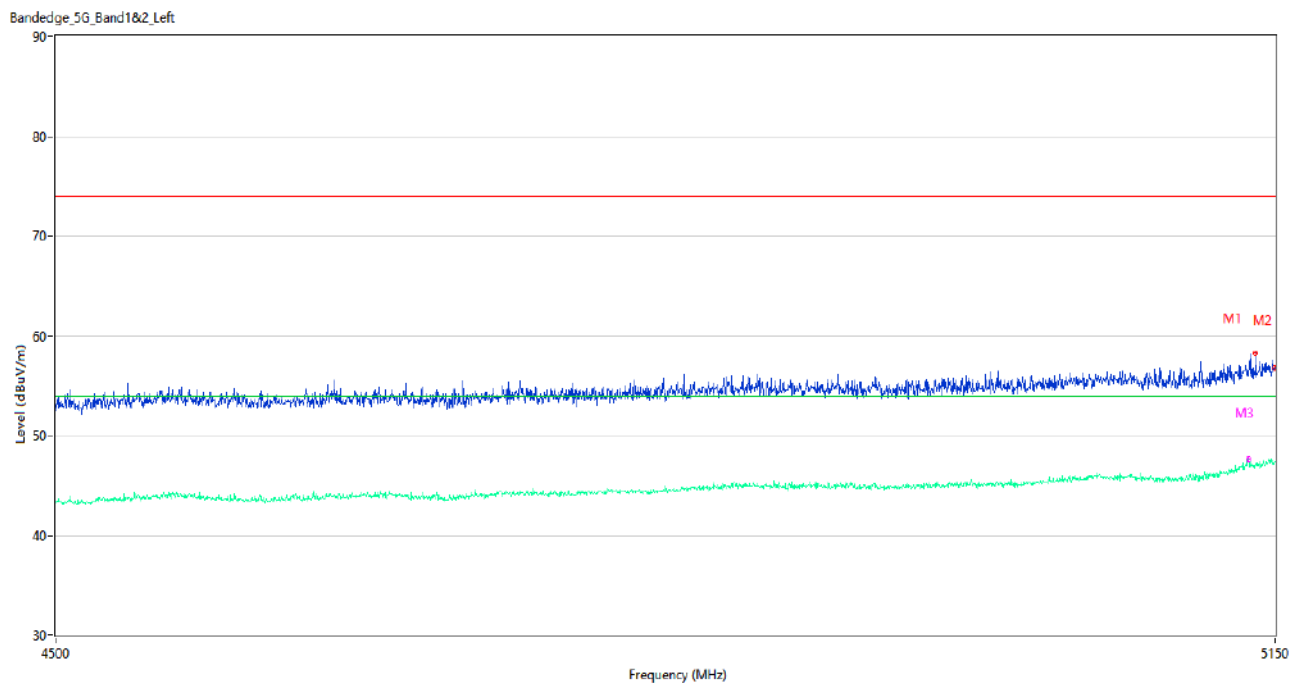
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5144.800        | 57.62            | 2.51        | 74.0           | 16.38       | Peak     | 126.00         | 300         | Horizontal | Pass    |
| 1** | 5144.800        | 46.09            | 2.51        | 54.0           | 7.91        | AV       | 126.00         | 300         | Horizontal | Pass    |
| 2   | 5150.000        | 57.33            | 2.46        | 74.0           | 16.67       | Peak     | 73.00          | 200         | Horizontal | Pass    |
| 2** | 5150.000        | 46.65            | 2.46        | 54.0           | 7.35        | AV       | 73.00          | 200         | Horizontal | Pass    |
| 3   | 5147.075        | 55.28            | 2.45        | 74.0           | 18.72       | Peak     | 44.00          | 150         | Horizontal | Pass    |
| 3** | 5147.075        | 46.82            | 2.45        | 54.0           | 7.18        | AV       | 44.00          | 150         | Horizontal | Pass    |

## U-NII-1 11ac40 High Channel



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 56.40            | 2.52        | 74.0           | 17.60       | Peak     | 333.00         | 300         | Horizontal | Pass    |
| 1** | 5350.000        | 45.25            | 2.52        | 54.0           | 8.75        | AV       | 333.00         | 300         | Horizontal | Pass    |
| 2   | 5357.517        | 57.37            | 2.48        | 74.0           | 16.63       | Peak     | 355.00         | 100         | Horizontal | Pass    |
| 2** | 5357.517        | 45.21            | 2.48        | 54.0           | 8.79        | AV       | 355.00         | 100         | Horizontal | Pass    |
| 3   | 5459.633        | 56.17            | 2.68        | 74.0           | 17.83       | Peak     | 246.00         | 150         | Horizontal | Pass    |
| 3** | 5459.633        | 45.58            | 2.68        | 54.0           | 8.42        | AV       | 246.00         | 150         | Horizontal | Pass    |

## U-NII-1 11ac80 Middle Channel



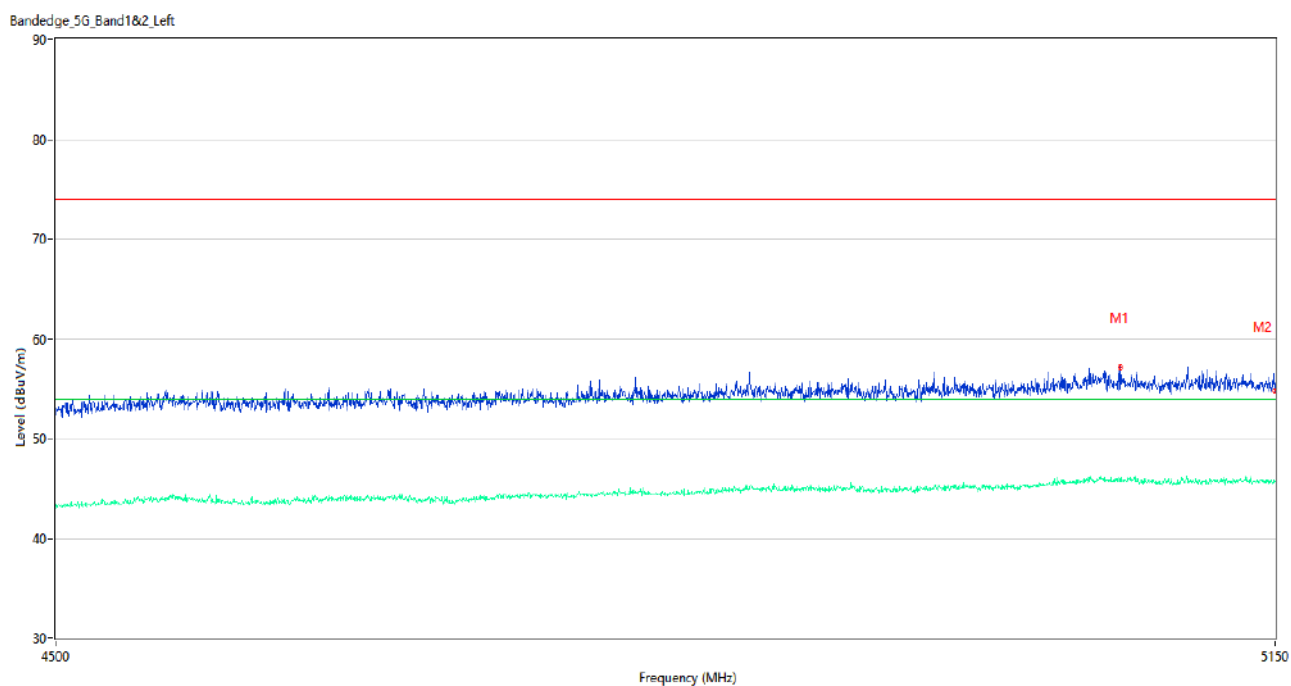
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5138.950        | 58.28            | 2.45        | 74.0           | 15.72       | Peak     | 99.00          | 200         | Horizontal | Pass    |
| 1** | 5138.950        | 46.98            | 2.45        | 54.0           | 7.02        | AV       | 99.00          | 200         | Horizontal | Pass    |
| 2   | 5150.000        | 56.80            | 2.46        | 74.0           | 17.20       | Peak     | 52.00          | 100         | Horizontal | Pass    |
| 2** | 5150.000        | 47.40            | 2.46        | 54.0           | 6.60        | AV       | 52.00          | 100         | Horizontal | Pass    |
| 3   | 5134.725        | 56.03            | 2.53        | 74.0           | 17.97       | Peak     | 16.00          | 100         | Horizontal | Pass    |
| 3** | 5134.725        | 47.65            | 2.53        | 54.0           | 6.35        | AV       | 16.00          | 100         | Horizontal | Pass    |

## U-NII-1 11ac80 Middle Channel



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.72            | 2.52        | 74.0           | 18.28       | Peak     | 256.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 44.84            | 2.52        | 54.0           | 9.16        | AV       | 256.00         | 100         | Horizontal | Pass    |
| 2   | 5383.550        | 57.83            | 2.56        | 74.0           | 16.17       | Peak     | 199.00         | 300         | Horizontal | Pass    |
| 2** | 5383.550        | 45.30            | 2.56        | 54.0           | 8.70        | AV       | 199.00         | 300         | Horizontal | Pass    |
| 3   | 5453.217        | 55.91            | 2.59        | 74.0           | 18.09       | Peak     | 174.00         | 150         | Horizontal | Pass    |
| 3** | 5453.217        | 45.64            | 2.59        | 54.0           | 8.36        | AV       | 174.00         | 150         | Horizontal | Pass    |

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



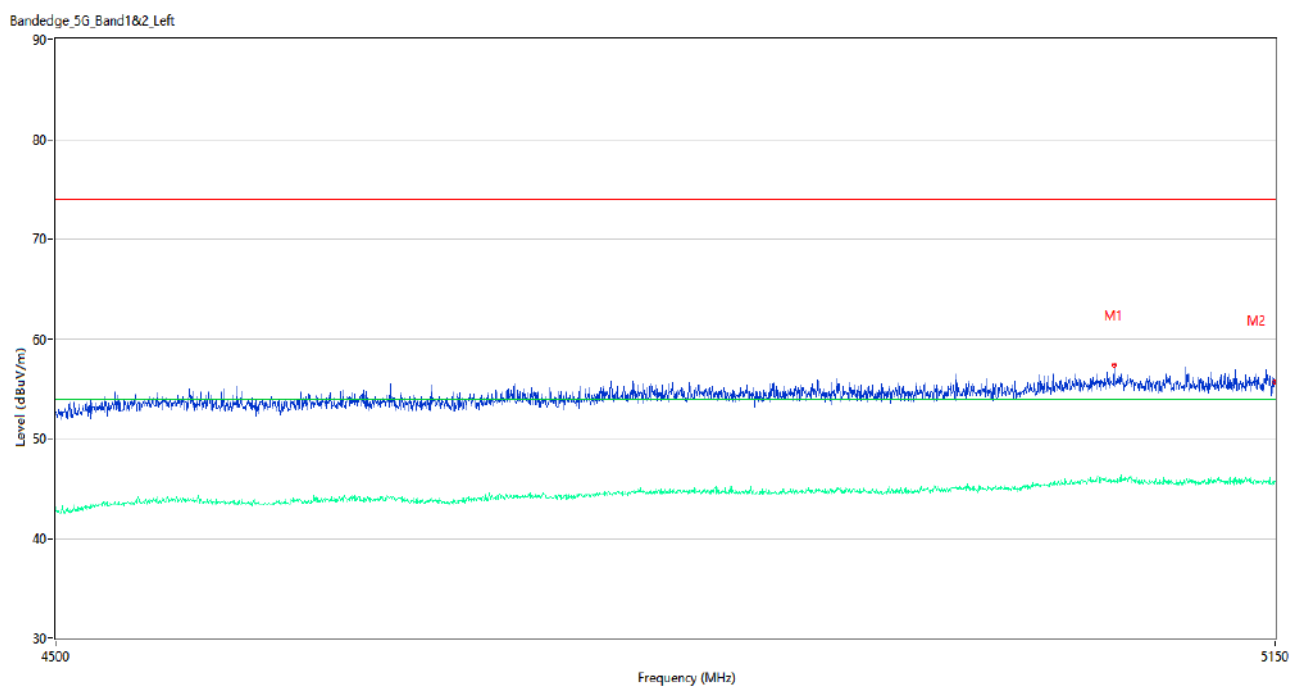
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5062.250        | 57.12            | 2.62        | 74.0           | 16.88       | Peak     | 60.00          | 400         | Horizontal | Pass    |
| 1** | 5062.250        | 45.70            | 2.62        | 54.0           | 8.30        | AV       | 60.00          | 400         | Horizontal | Pass    |
| 2   | 5150.000        | 54.79            | 2.46        | 74.0           | 19.21       | Peak     | 339.00         | 300         | Horizontal | Pass    |
| 2** | 5150.000        | 45.65            | 2.46        | 54.0           | 8.35        | AV       | 339.00         | 300         | Horizontal | Pass    |

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



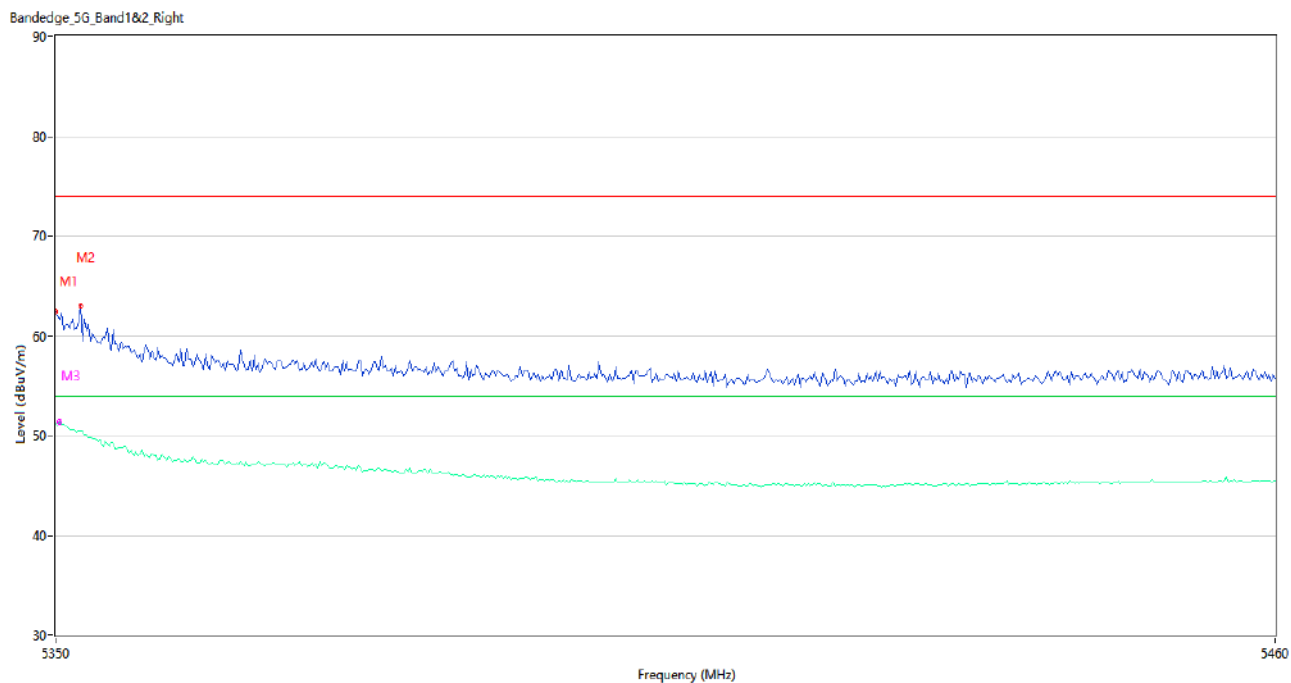
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 60.93            | 2.52        | 74.0           | 13.07       | Peak     | 70.00          | 400         | Horizontal | Pass    |
| 1** | 5350.000        | 50.97            | 2.52        | 54.0           | 3.03        | AV       | 70.00          | 400         | Horizontal | Pass    |
| 2   | 5350.733        | 63.33            | 2.53        | 74.0           | 10.67       | Peak     | 310.00         | 400         | Horizontal | Pass    |
| 2** | 5350.733        | 50.31            | 2.53        | 54.0           | 3.69        | AV       | 310.00         | 400         | Horizontal | Pass    |

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



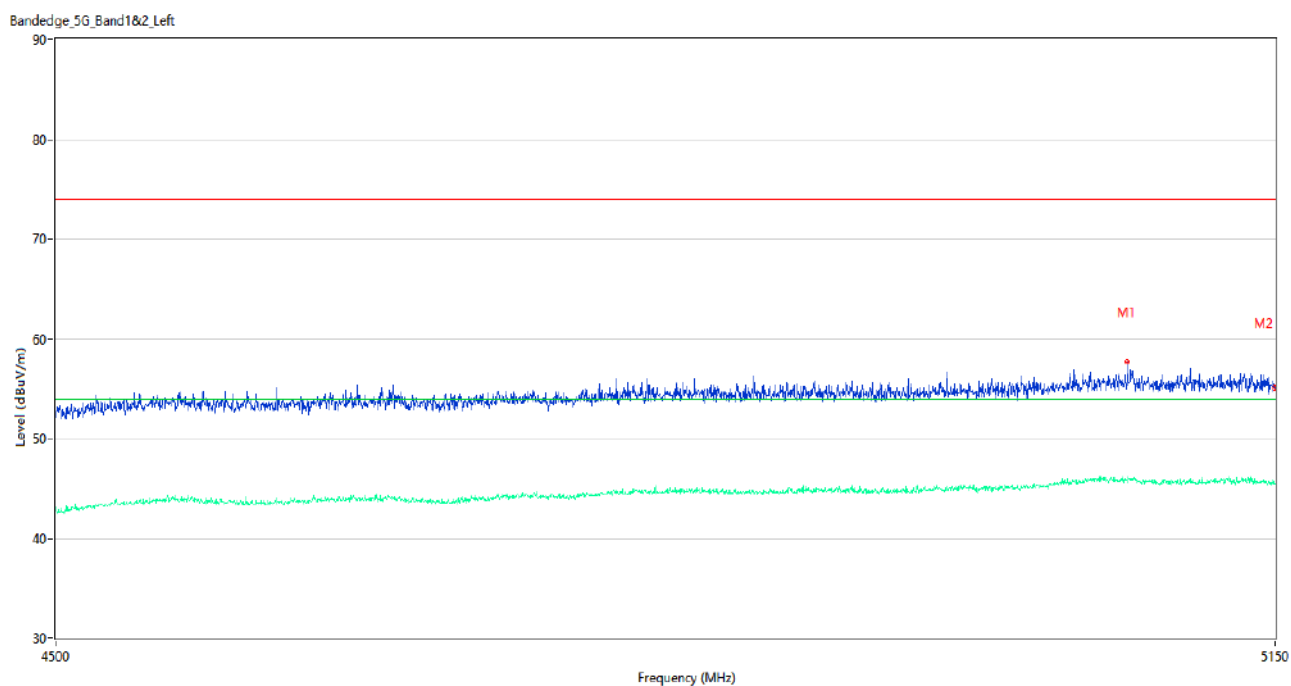
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5059.000        | 57.31            | 2.63        | 74.0           | 16.69       | Peak     | 227.00         | 100         | Horizontal | Pass    |
| 1** | 5059.000        | 45.76            | 2.63        | 54.0           | 8.24        | AV       | 227.00         | 100         | Horizontal | Pass    |
| 2   | 5150.000        | 55.64            | 2.46        | 74.0           | 18.36       | Peak     | 359.00         | 100         | Horizontal | Pass    |
| 2** | 5150.000        | 45.68            | 2.46        | 54.0           | 8.32        | AV       | 359.00         | 100         | Horizontal | Pass    |

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



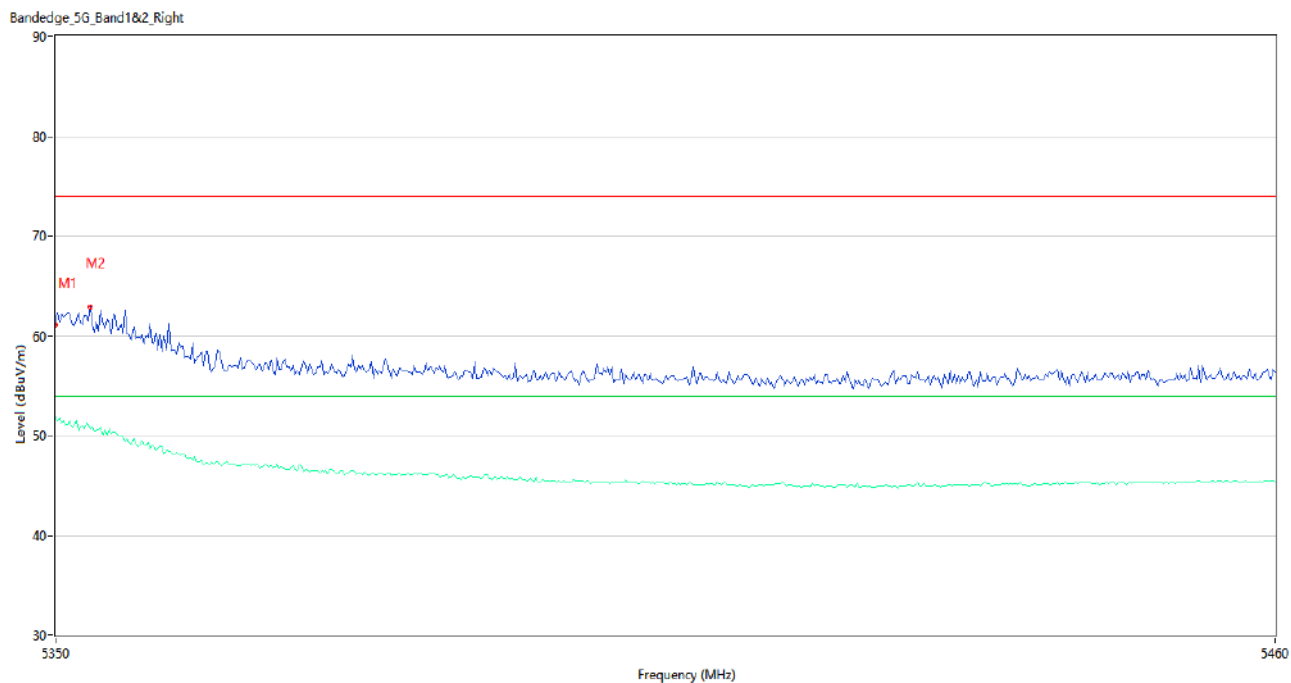
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 62.48            | 2.52        | 74.0           | 11.52       | Peak     | 313.00         | 400         | Horizontal | Pass    |
| 1** | 5350.000        | 51.22            | 2.52        | 54.0           | 2.78        | AV       | 313.00         | 400         | Horizontal | Pass    |
| 2   | 5352.200        | 63.01            | 2.52        | 74.0           | 10.99       | Peak     | 317.00         | 300         | Horizontal | Pass    |
| 2** | 5352.200        | 50.40            | 2.52        | 54.0           | 3.60        | AV       | 317.00         | 300         | Horizontal | Pass    |
| 3   | 5350.367        | 61.61            | 2.52        | 74.0           | 12.39       | Peak     | 313.00         | 150         | Horizontal | Pass    |
| 3** | 5350.367        | 51.31            | 2.52        | 54.0           | 2.69        | AV       | 313.00         | 150         | Horizontal | Pass    |

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



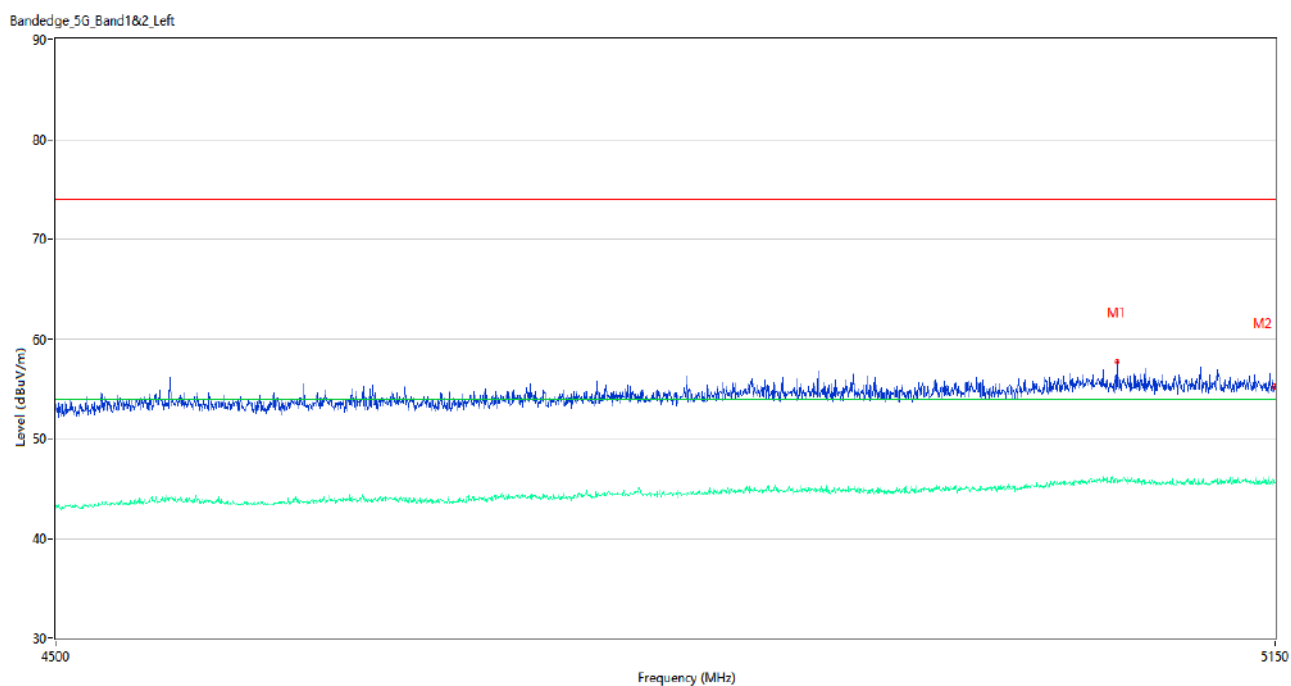
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5066.475        | 57.68            | 2.65        | 74.0           | 16.32       | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 1** | 5066.475        | 45.65            | 2.65        | 54.0           | 8.35        | AV       | 360.00         | 300         | Horizontal | Pass    |
| 2   | 5150.000        | 55.08            | 2.46        | 74.0           | 18.92       | Peak     | 228.00         | 200         | Horizontal | Pass    |
| 2** | 5150.000        | 45.44            | 2.46        | 54.0           | 8.56        | AV       | 228.00         | 200         | Horizontal | Pass    |

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



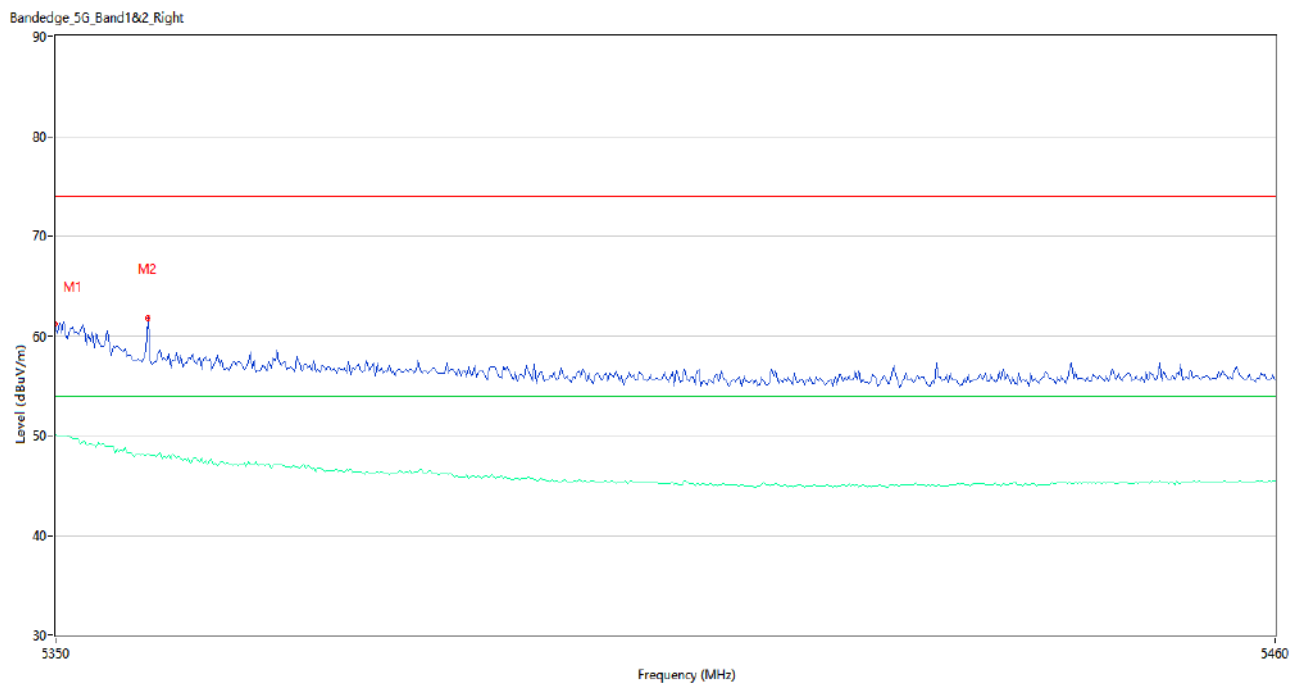
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 61.07            | 2.52        | 74.0           | 12.93       | Peak     | 280.00         | 400         | Horizontal | Pass    |
| 1** | 5350.000        | 51.93            | 2.52        | 54.0           | 2.07        | AV       | 280.00         | 400         | Horizontal | Pass    |
| 2   | 5353.117        | 62.92            | 2.51        | 74.0           | 11.08       | Peak     | 308.00         | 100         | Horizontal | Pass    |
| 2** | 5353.117        | 50.65            | 2.51        | 54.0           | 3.35        | AV       | 308.00         | 100         | Horizontal | Pass    |

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



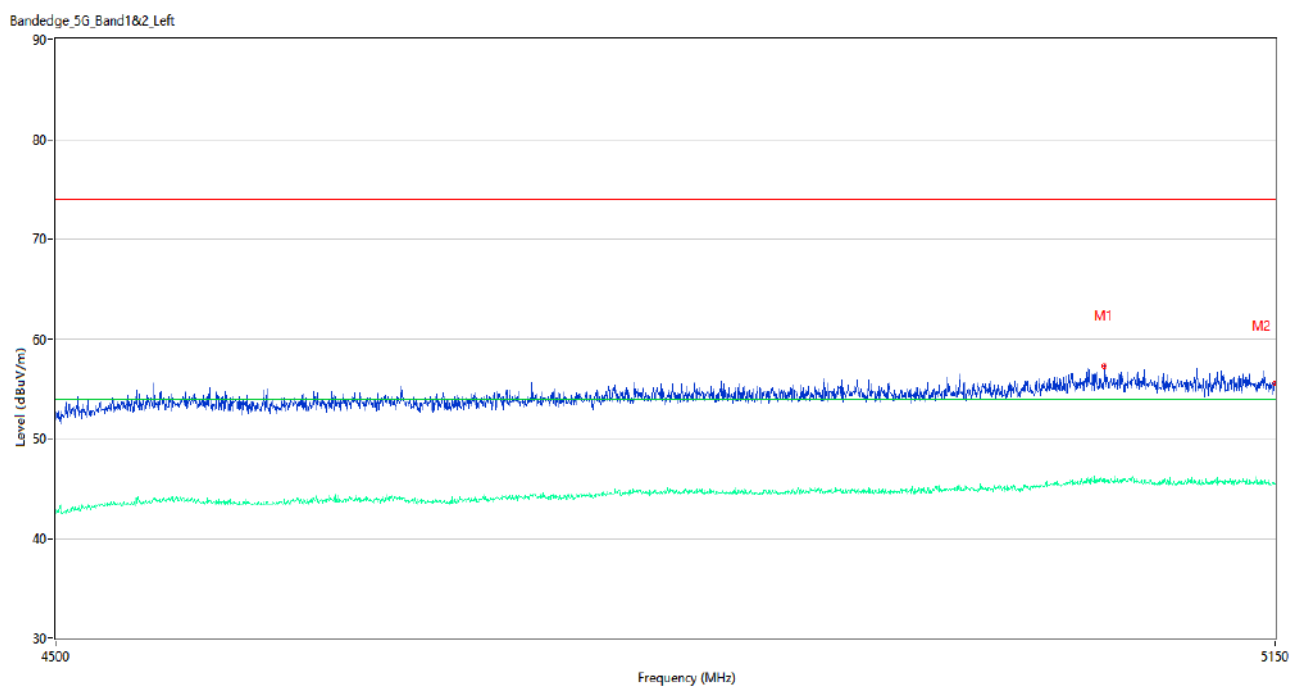
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5060.625        | 57.65            | 2.62        | 74.0           | 16.35       | Peak     | 122.00         | 300         | Horizontal | Pass    |
| 1** | 5060.625        | 45.85            | 2.62        | 54.0           | 8.15        | AV       | 122.00         | 300         | Horizontal | Pass    |
| 2   | 5150.000        | 55.20            | 2.46        | 74.0           | 18.80       | Peak     | 354.00         | 400         | Horizontal | Pass    |
| 2** | 5150.000        | 45.61            | 2.46        | 54.0           | 8.39        | AV       | 354.00         | 400         | Horizontal | Pass    |

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



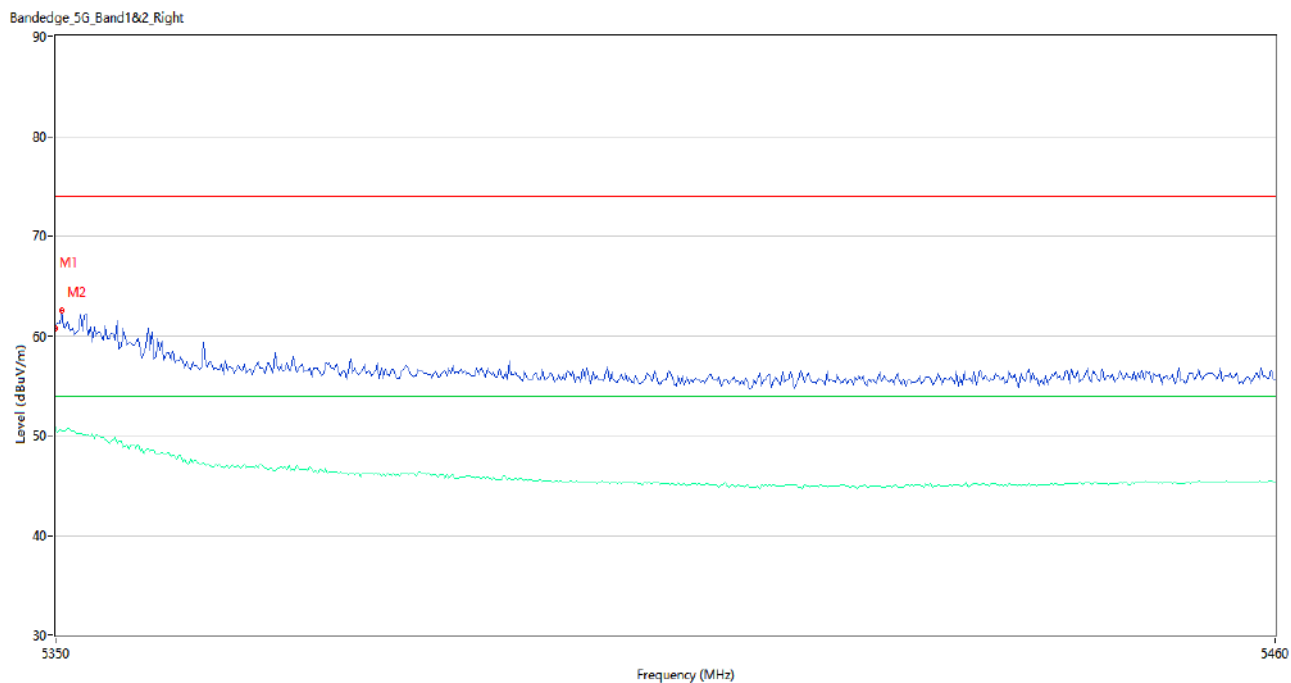
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 61.17            | 2.52        | 74.0           | 12.83       | Peak     | 299.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 50.12            | 2.52        | 54.0           | 3.88        | AV       | 299.00         | 100         | Horizontal | Pass    |
| 2   | 5358.250        | 61.71            | 2.52        | 74.0           | 12.29       | Peak     | 77.00          | 200         | Horizontal | Pass    |
| 2** | 5358.250        | 48.06            | 2.52        | 54.0           | 5.94        | AV       | 77.00          | 200         | Horizontal | Pass    |

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



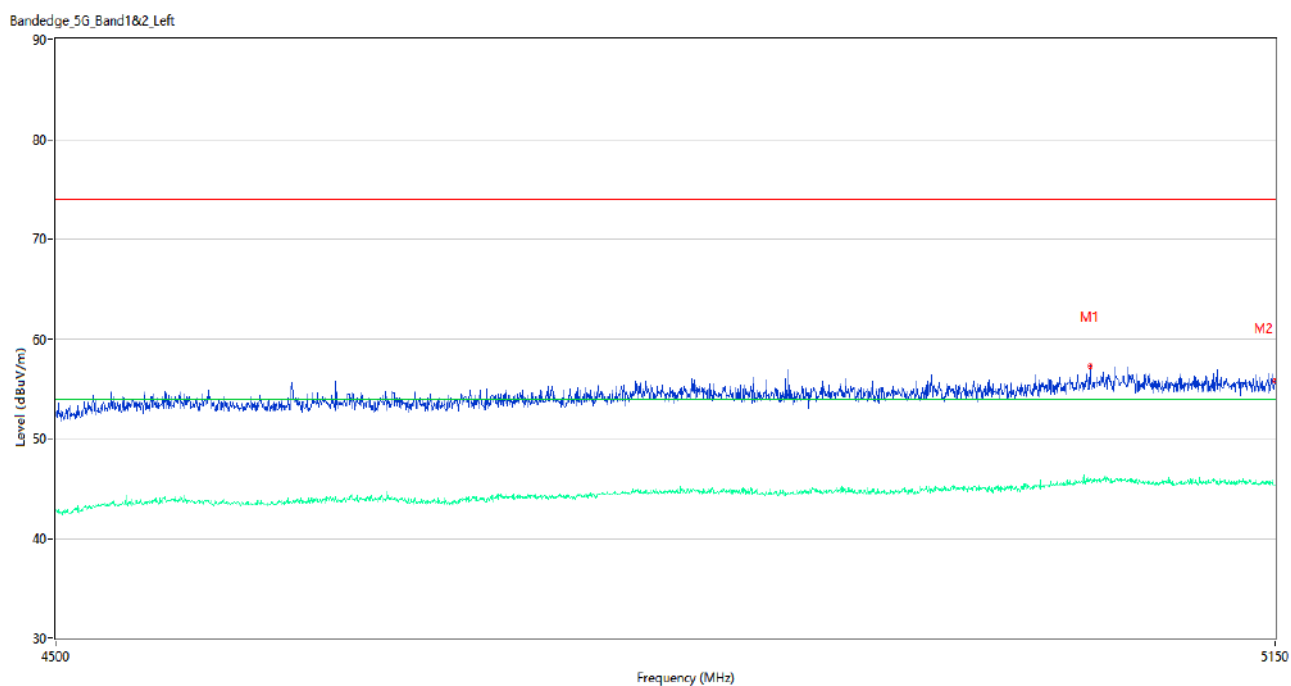
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5053.800        | 57.28            | 2.75        | 74.0           | 16.72       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 1** | 5053.800        | 45.98            | 2.75        | 54.0           | 8.02        | AV       | 0.00           | 100         | Horizontal | Pass    |
| 2   | 5150.000        | 55.52            | 2.46        | 74.0           | 18.48       | Peak     | 308.00         | 300         | Horizontal | Pass    |
| 2** | 5150.000        | 45.54            | 2.46        | 54.0           | 8.46        | AV       | 308.00         | 300         | Horizontal | Pass    |

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



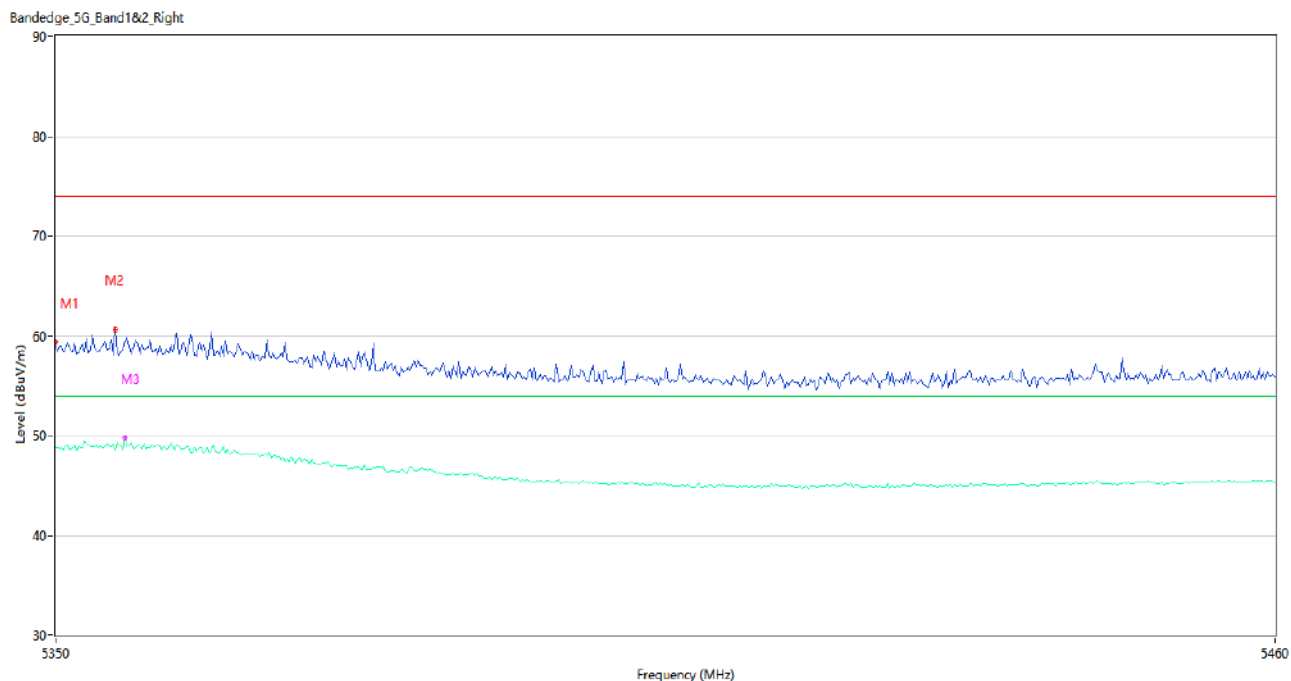
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 60.73            | 2.52        | 74.0           | 13.27       | Peak     | 59.00          | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 50.82            | 2.52        | 54.0           | 3.18        | AV       | 59.00          | 200         | Horizontal | Pass    |
| 2   | 5350.550        | 62.57            | 2.52        | 74.0           | 11.43       | Peak     | 315.00         | 200         | Horizontal | Pass    |
| 2** | 5350.550        | 50.49            | 2.52        | 54.0           | 3.51        | AV       | 315.00         | 200         | Horizontal | Pass    |

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



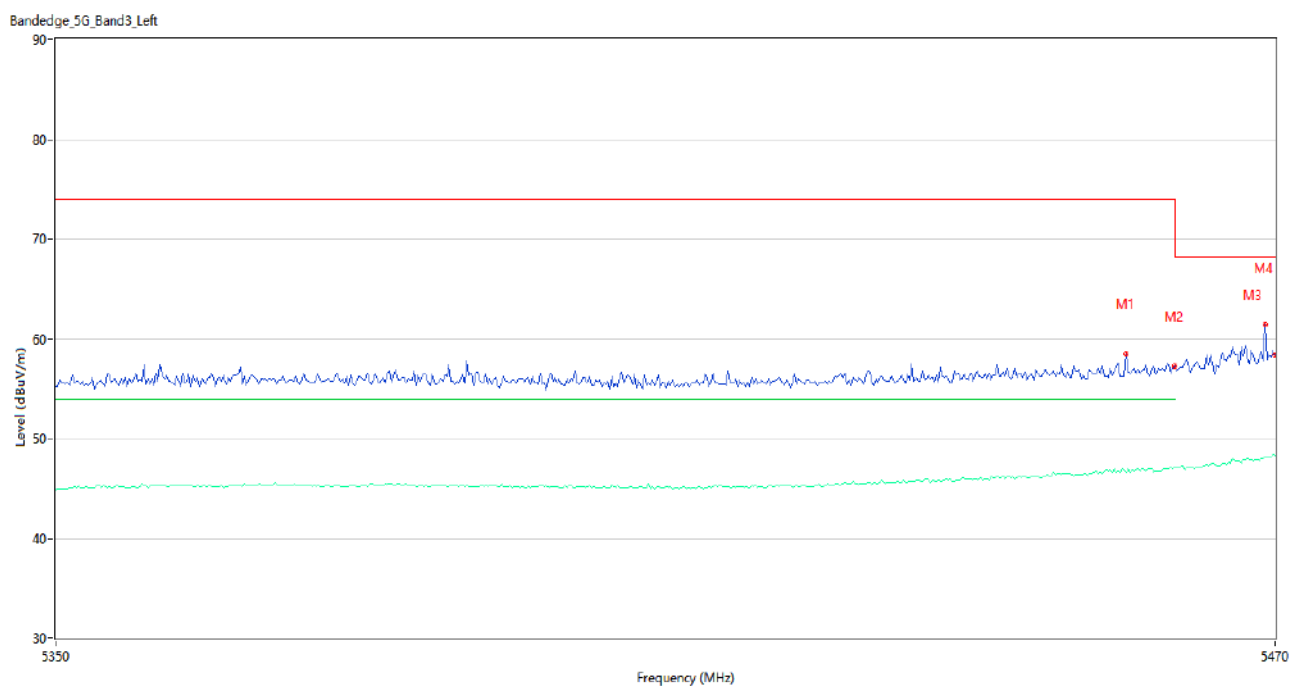
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5045.675        | 57.23            | 2.79        | 74.0           | 16.77       | Peak     | 129.00         | 100         | Horizontal | Pass    |
| 1** | 5045.675        | 45.81            | 2.79        | 54.0           | 8.19        | AV       | 129.00         | 100         | Horizontal | Pass    |
| 2   | 5150.000        | 55.82            | 2.46        | 74.0           | 18.18       | Peak     | 269.00         | 400         | Horizontal | Pass    |
| 2** | 5150.000        | 45.27            | 2.46        | 54.0           | 8.73        | AV       | 269.00         | 400         | Horizontal | Pass    |

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



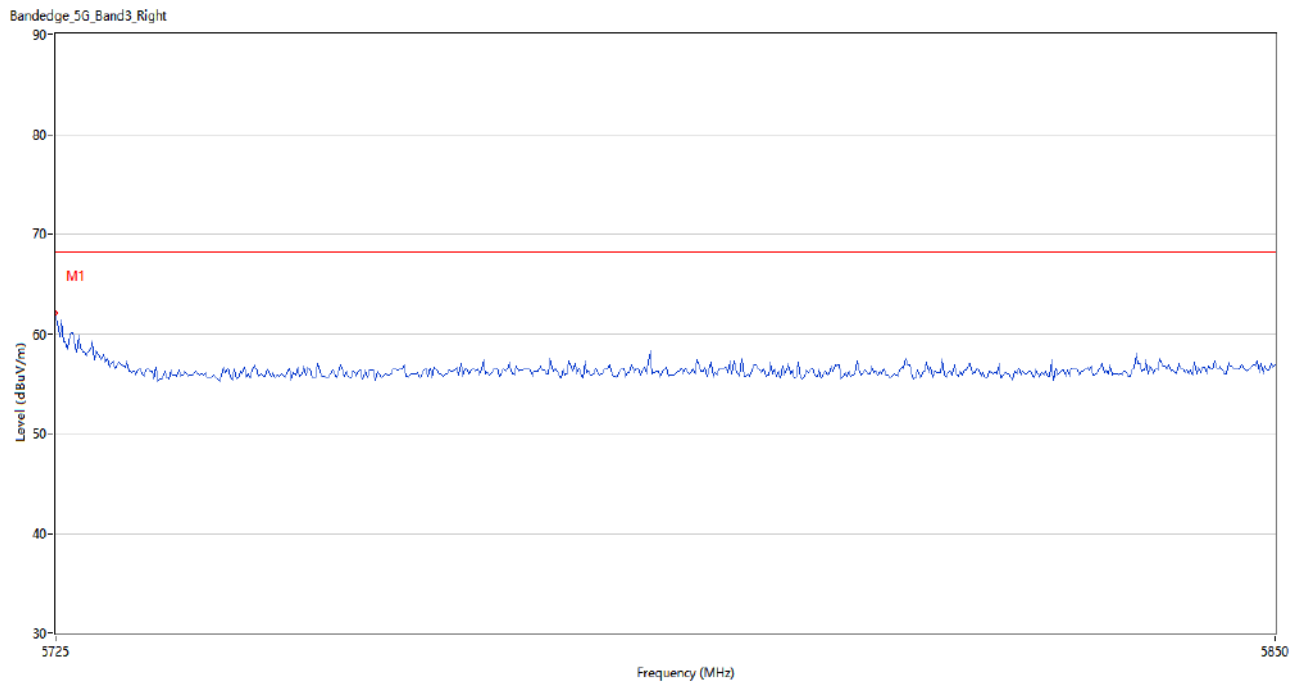
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 59.32            | 2.52        | 74.0           | 14.68       | Peak     | 98.00          | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 48.77            | 2.52        | 54.0           | 5.23        | AV       | 98.00          | 200         | Horizontal | Pass    |
| 2   | 5355.317        | 60.59            | 2.49        | 74.0           | 13.41       | Peak     | 313.00         | 400         | Horizontal | Pass    |
| 2** | 5355.317        | 48.59            | 2.49        | 54.0           | 5.41        | AV       | 313.00         | 400         | Horizontal | Pass    |
| 3   | 5356.233        | 59.45            | 2.47        | 74.0           | 14.55       | Peak     | 323.00         | 150         | Horizontal | Pass    |
| 3** | 5356.233        | 49.78            | 2.47        | 54.0           | 4.22        | AV       | 323.00         | 150         | Horizontal | Pass    |

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



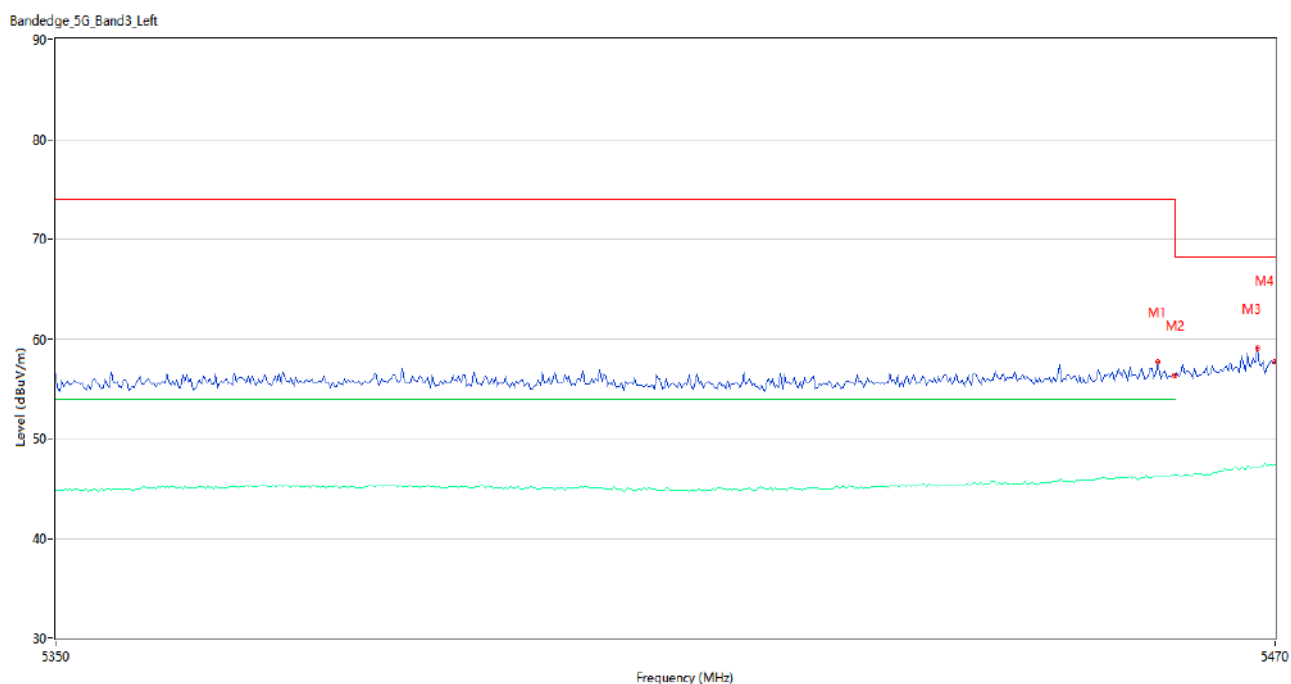
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5455.200        | 58.47            | 2.61        | 74.0           | 15.53       | Peak     | 102.00         | 100         | Horizontal | Pass    |
| 1** | 5455.200        | 46.59            | 2.61        | 54.0           | 7.41        | AV       | 102.00         | 100         | Horizontal | Pass    |
| 2   | 5460.000        | 57.20            | 2.67        | 74.0           | 16.80       | Peak     | 188.00         | 200         | Horizontal | Pass    |
| 2** | 5460.000        | 47.06            | 2.67        | 54.0           | 6.94        | AV       | 188.00         | 200         | Horizontal | Pass    |
| 3   | 5469.000        | 61.36            | 2.83        | 68.2           | 6.84        | Peak     | 303.00         | 300         | Horizontal | Pass    |
| 3** | 5469.000        | 48.13            | 2.83        | --             | --          | AV       | 303.00         | 300         | Horizontal | N/A     |
| 4   | 5470.000        | 58.32            | 2.87        | 68.2           | 9.88        | Peak     | 331.00         | 200         | Horizontal | Pass    |
| 4** | 5470.000        | 48.29            | 2.87        | --             | --          | AV       | 331.00         | 200         | Horizontal | N/A     |

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



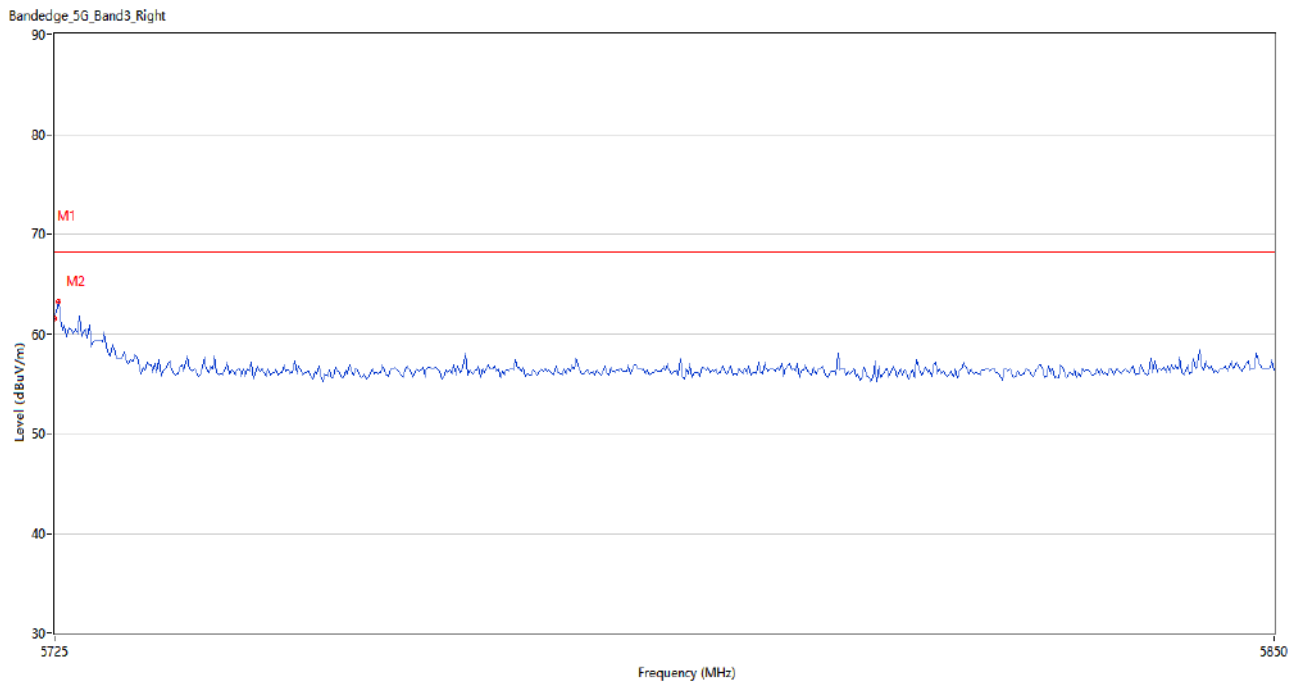
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 62.13            | 1.87        | 68.2           | 6.07        | Peak     | 313.00         | 300         | Horizontal | Pass    |

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



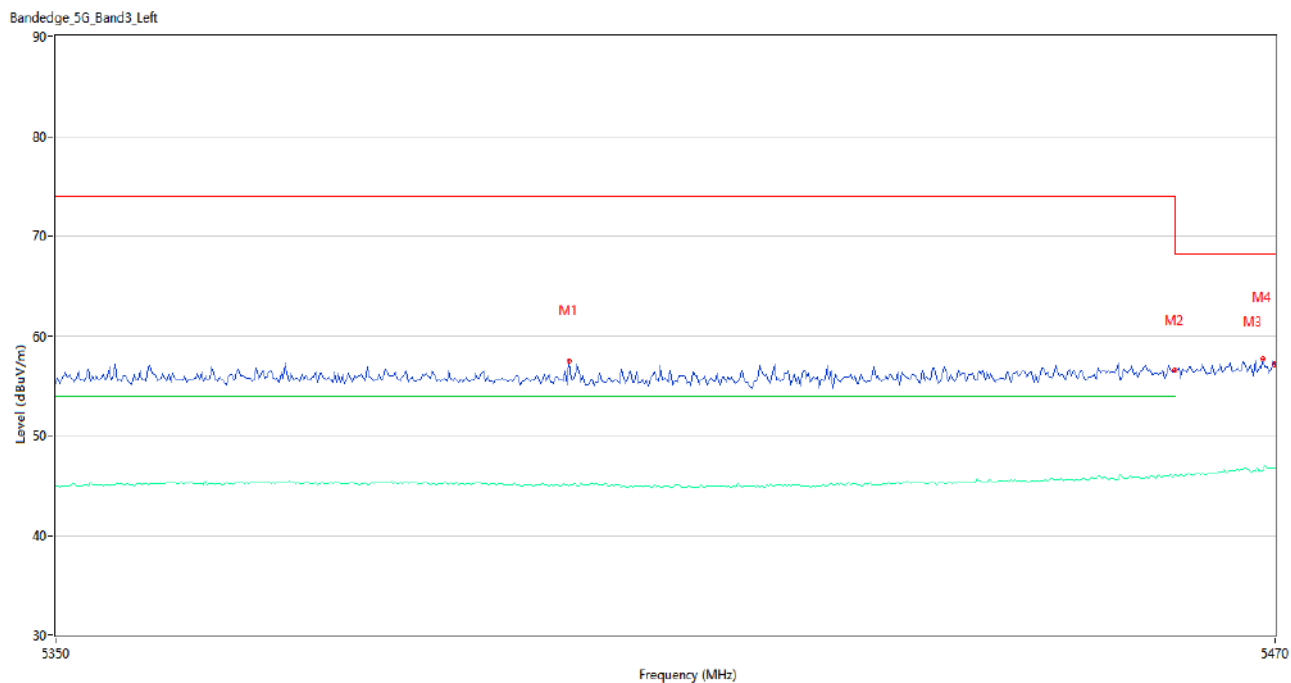
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5458.400        | 57.68            | 2.65        | 74.0           | 16.32       | Peak     | 313.00         | 300         | Horizontal | Pass    |
| 1** | 5458.400        | 46.25            | 2.65        | 54.0           | 7.75        | AV       | 313.00         | 300         | Horizontal | Pass    |
| 2   | 5460.000        | 56.30            | 2.67        | 74.0           | 17.70       | Peak     | 37.00          | 100         | Horizontal | Pass    |
| 2** | 5460.000        | 46.35            | 2.67        | 54.0           | 7.65        | AV       | 37.00          | 100         | Horizontal | Pass    |
| 3   | 5468.200        | 59.00            | 2.79        | 68.2           | 9.20        | Peak     | 95.00          | 300         | Horizontal | Pass    |
| 3** | 5468.200        | 47.09            | 2.79        | --             | --          | AV       | 95.00          | 300         | Horizontal | N/A     |
| 4   | 5470.000        | 57.67            | 2.87        | 68.2           | 10.53       | Peak     | 276.00         | 200         | Horizontal | Pass    |
| 4** | 5470.000        | 47.39            | 2.87        | --             | --          | AV       | 276.00         | 200         | Horizontal | N/A     |

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



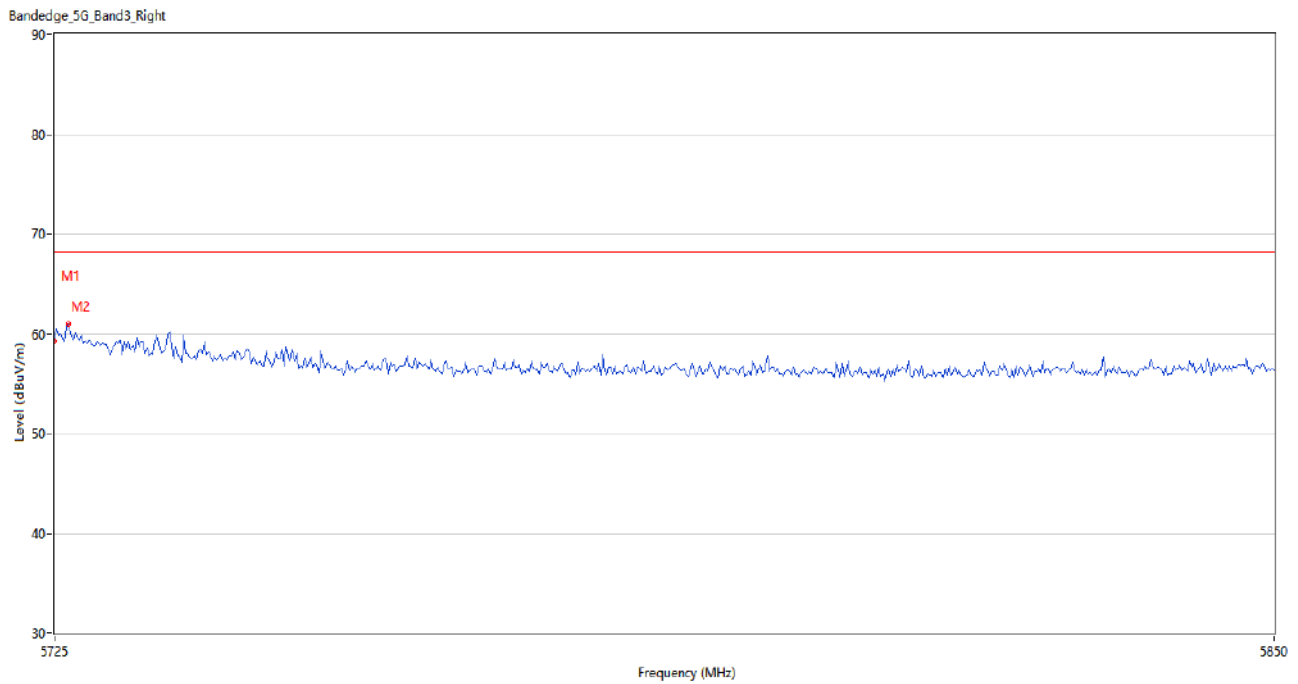
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 61.55            | 1.87        | 68.2           | 6.65        | Peak     | 310.00         | 100         | Horizontal | Pass    |
| 2   | 5725.416        | 63.25            | 1.90        | 68.2           | 4.95        | Peak     | 303.00         | 200         | Horizontal | Pass    |

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



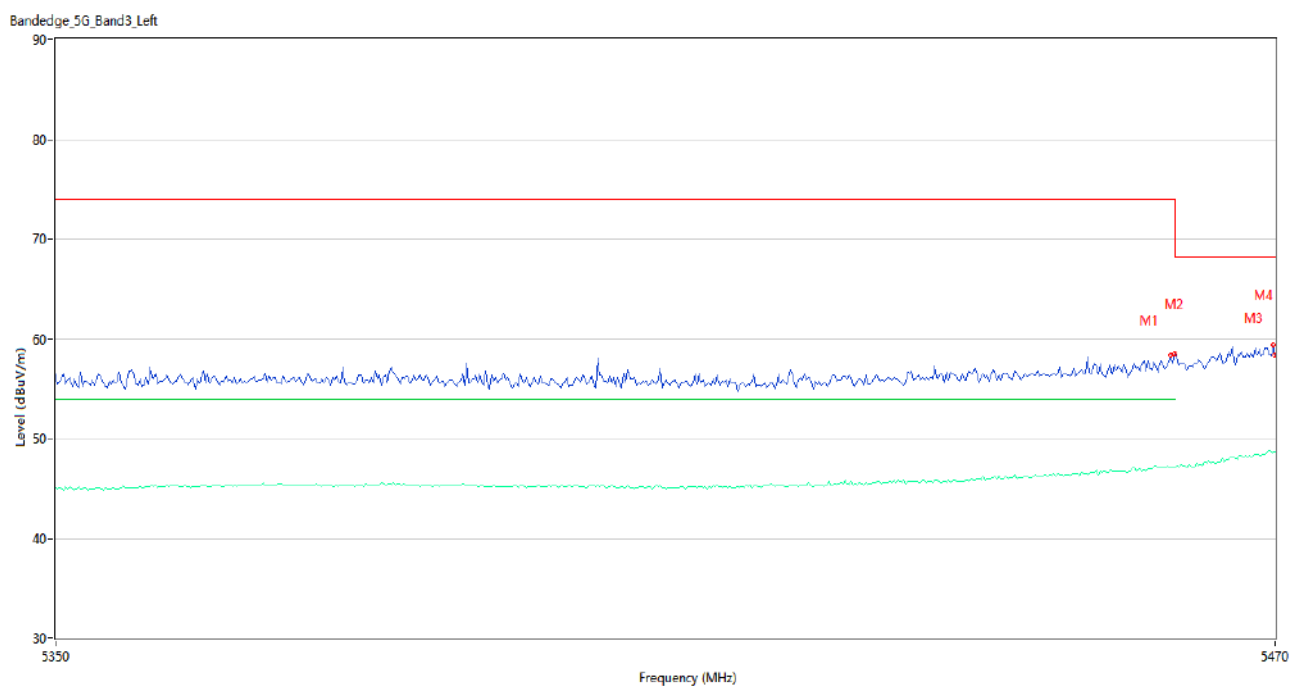
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5400.200        | 57.50            | 2.35        | 74.0           | 16.50       | Peak     | 224.00         | 100         | Horizontal | Pass    |
| 1** | 5400.200        | 44.92            | 2.35        | 54.0           | 9.08        | AV       | 224.00         | 100         | Horizontal | Pass    |
| 2   | 5460.000        | 56.54            | 2.67        | 74.0           | 17.46       | Peak     | 261.00         | 400         | Horizontal | Pass    |
| 2** | 5460.000        | 46.00            | 2.67        | 54.0           | 8.00        | AV       | 261.00         | 400         | Horizontal | Pass    |
| 3   | 5468.800        | 57.71            | 2.82        | 68.2           | 10.49       | Peak     | 124.00         | 400         | Horizontal | Pass    |
| 3** | 5468.800        | 46.47            | 2.82        | --             | --          | AV       | 124.00         | 400         | Horizontal | N/A     |
| 4   | 5470.000        | 57.13            | 2.87        | 68.2           | 11.07       | Peak     | 165.00         | 300         | Horizontal | Pass    |
| 4** | 5470.000        | 46.72            | 2.87        | --             | --          | AV       | 165.00         | 300         | Horizontal | N/A     |

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



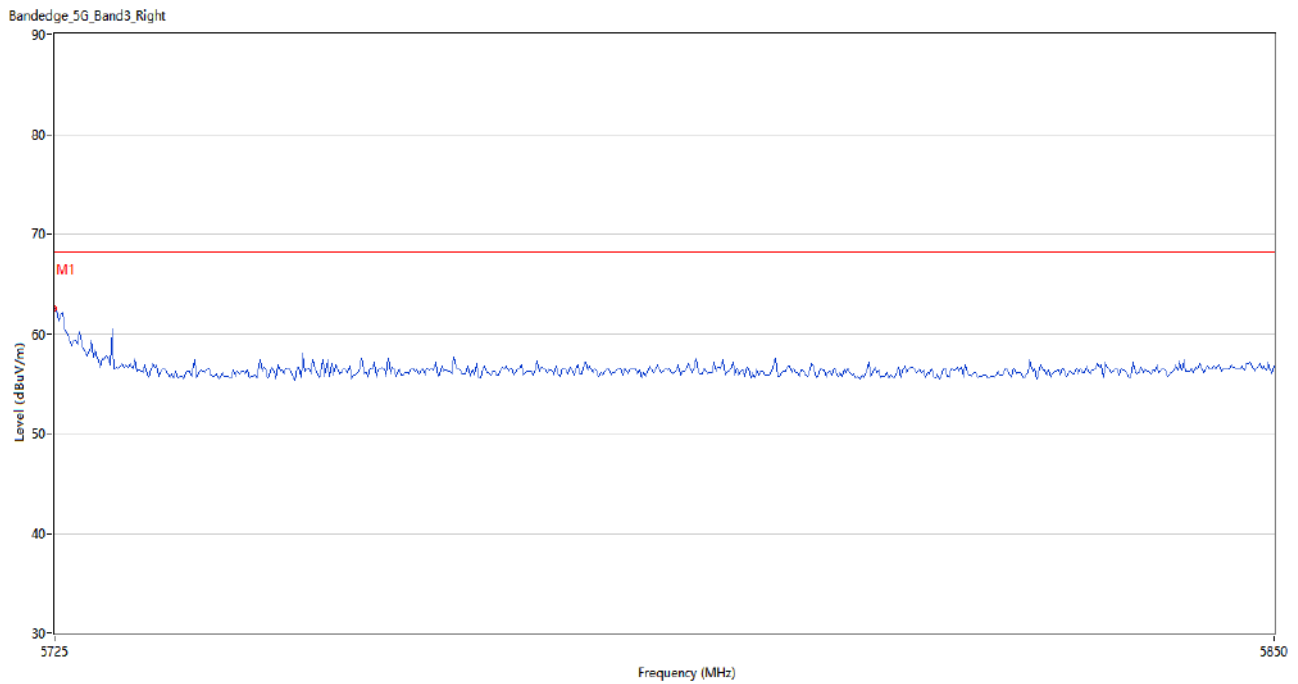
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 59.25            | 1.87        | 68.2           | 8.95        | Peak     | 114.00         | 100         | Horizontal | Pass    |
| 2   | 5726.458        | 60.91            | 1.96        | 68.2           | 7.29        | Peak     | 301.00         | 200         | Horizontal | Pass    |

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



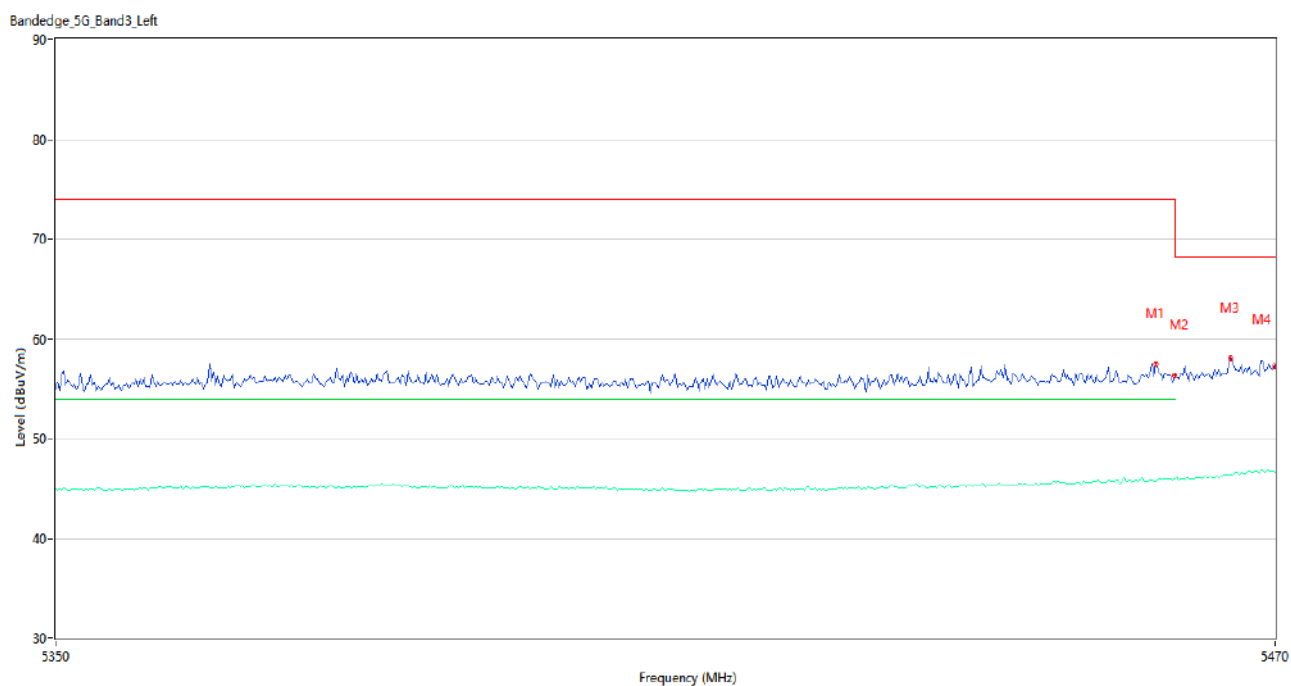
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5459.600        | 58.31            | 2.68        | 74.0           | 15.69       | Peak     | 80.00          | 100         | Horizontal | Pass    |
| 1** | 5459.600        | 47.04            | 2.68        | 54.0           | 6.96        | AV       | 80.00          | 100         | Horizontal | Pass    |
| 2   | 5460.000        | 58.49            | 2.67        | 74.0           | 15.51       | Peak     | 306.00         | 100         | Horizontal | Pass    |
| 2** | 5460.000        | 47.10            | 2.67        | 54.0           | 6.90        | AV       | 306.00         | 100         | Horizontal | Pass    |
| 3   | 5469.800        | 59.33            | 2.87        | 68.2           | 8.87        | Peak     | 311.00         | 200         | Horizontal | Pass    |
| 3** | 5469.800        | 48.55            | 2.87        | --             | --          | AV       | 311.00         | 200         | Horizontal | N/A     |
| 4   | 5470.000        | 58.40            | 2.87        | 68.2           | 9.80        | Peak     | 308.00         | 200         | Horizontal | Pass    |
| 4** | 5470.000        | 48.66            | 2.87        | --             | --          | AV       | 308.00         | 200         | Horizontal | N/A     |

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 62.51            | 1.87        | 68.2           | 5.69        | Peak     | 308.00         | 400         | Horizontal | Pass    |

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



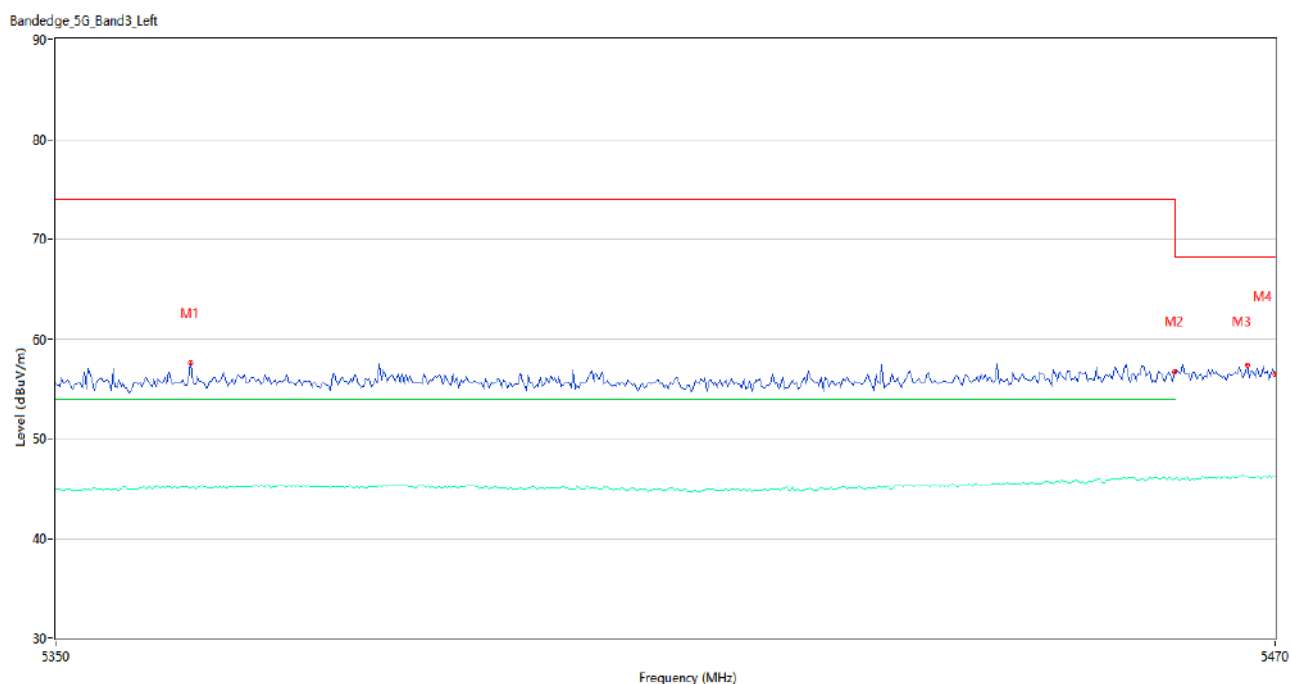
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5458.200        | 57.50            | 2.65        | 74.0           | 16.50       | Peak     | 156.00         | 400         | Horizontal | Pass    |
| 1** | 5458.200        | 45.70            | 2.65        | 54.0           | 8.30        | AV       | 156.00         | 400         | Horizontal | Pass    |
| 2   | 5460.000        | 56.27            | 2.67        | 74.0           | 17.73       | Peak     | 146.00         | 200         | Horizontal | Pass    |
| 2** | 5460.000        | 45.88            | 2.67        | 54.0           | 8.12        | AV       | 146.00         | 200         | Horizontal | Pass    |
| 3   | 5465.600        | 58.07            | 2.88        | 68.2           | 10.13       | Peak     | 104.00         | 200         | Horizontal | Pass    |
| 3** | 5465.600        | 46.34            | 2.88        | --             | --          | AV       | 104.00         | 200         | Horizontal | N/A     |
| 4   | 5470.000        | 57.28            | 2.87        | 68.2           | 10.92       | Peak     | 275.00         | 400         | Horizontal | Pass    |
| 4** | 5470.000        | 46.61            | 2.87        | --             | --          | AV       | 275.00         | 400         | Horizontal | N/A     |

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



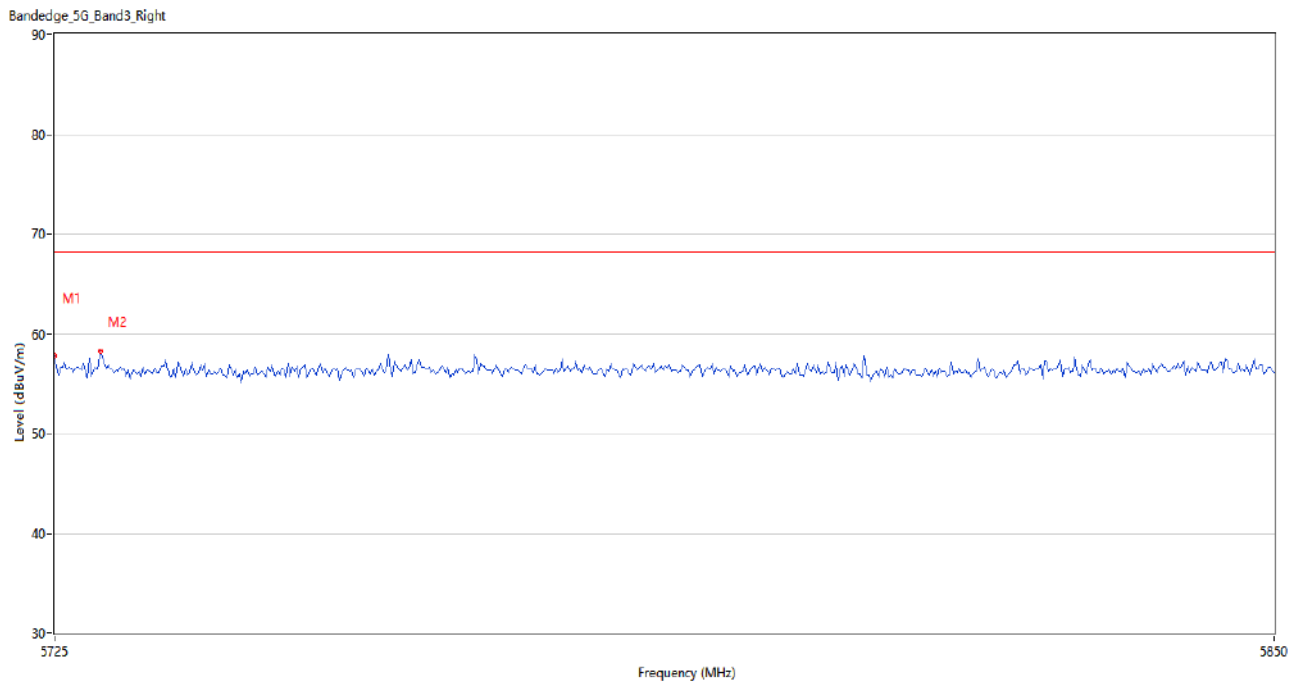
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 58.48            | 1.87        | 68.2           | 9.72        | Peak     | 308.00         | 200         | Horizontal | Pass    |
| 2   | 5728.750        | 59.47            | 1.80        | 68.2           | 8.73        | Peak     | 336.00         | 300         | Horizontal | Pass    |

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



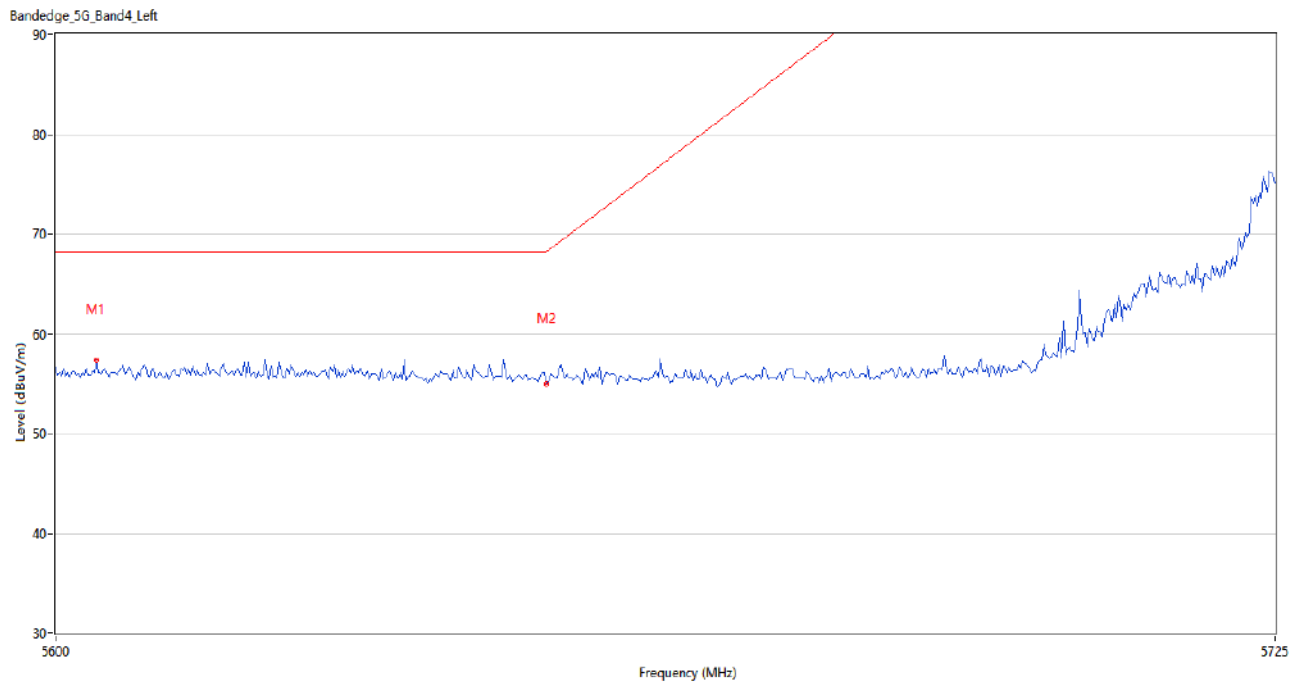
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5363.200        | 57.60            | 2.51        | 74.0           | 16.40       | Peak     | 253.00         | 200         | Horizontal | Pass    |
| 1** | 5363.200        | 45.00            | 2.51        | 54.0           | 9.00        | AV       | 253.00         | 200         | Horizontal | Pass    |
| 2   | 5460.000        | 56.72            | 2.67        | 74.0           | 17.28       | Peak     | 81.00          | 200         | Horizontal | Pass    |
| 2** | 5460.000        | 45.98            | 2.67        | 54.0           | 8.02        | AV       | 81.00          | 200         | Horizontal | Pass    |
| 3   | 5467.200        | 57.33            | 2.79        | 68.2           | 10.87       | Peak     | 81.00          | 100         | Horizontal | Pass    |
| 3** | 5467.200        | 46.18            | 2.79        | --             | --          | AV       | 81.00          | 100         | Horizontal | N/A     |
| 4   | 5470.000        | 56.40            | 2.87        | 68.2           | 11.80       | Peak     | 91.00          | 300         | Horizontal | Pass    |
| 4** | 5470.000        | 46.16            | 2.87        | --             | --          | AV       | 91.00          | 300         | Horizontal | N/A     |

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



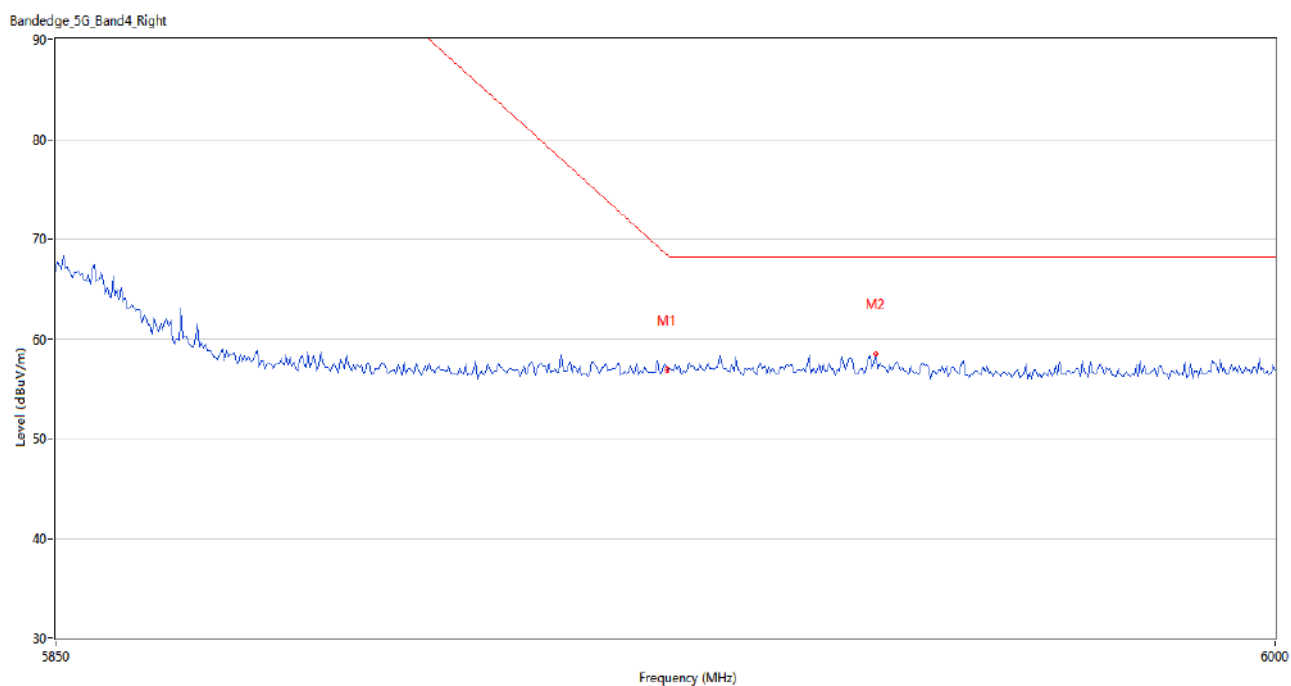
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 57.85            | 1.87        | 68.2           | 10.35       | Peak     | 305.00         | 100         | Horizontal | Pass    |
| 2   | 5729.584        | 58.25            | 1.81        | 68.2           | 9.95        | Peak     | 310.00         | 300         | Horizontal | Pass    |

## U-NII-3 11a Low Channel



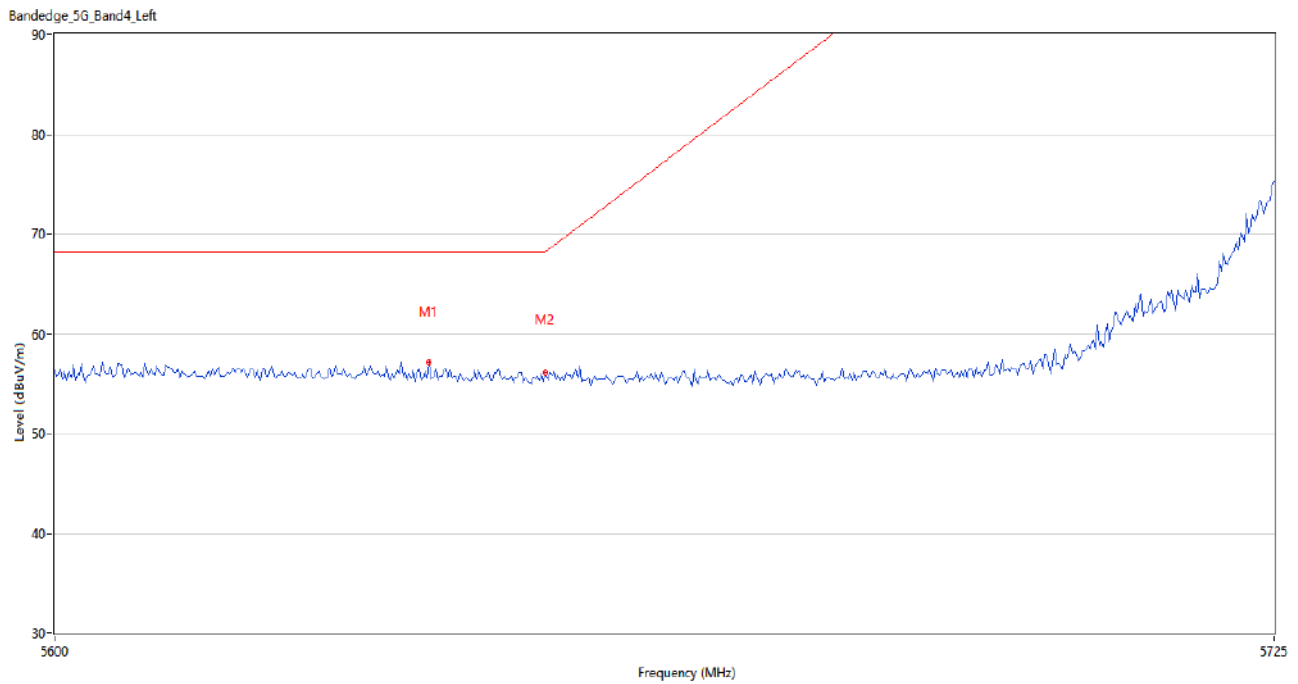
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5604.167        | 57.37            | 2.70        | 68.2           | 10.83       | Peak     | 341.00         | 400         | Horizontal | Pass    |
| 2   | 5650.000        | 54.98            | 2.28        | 68.2           | 13.22       | Peak     | 173.00         | 100         | Horizontal | Pass    |

## U-NII-3 11a High Channel



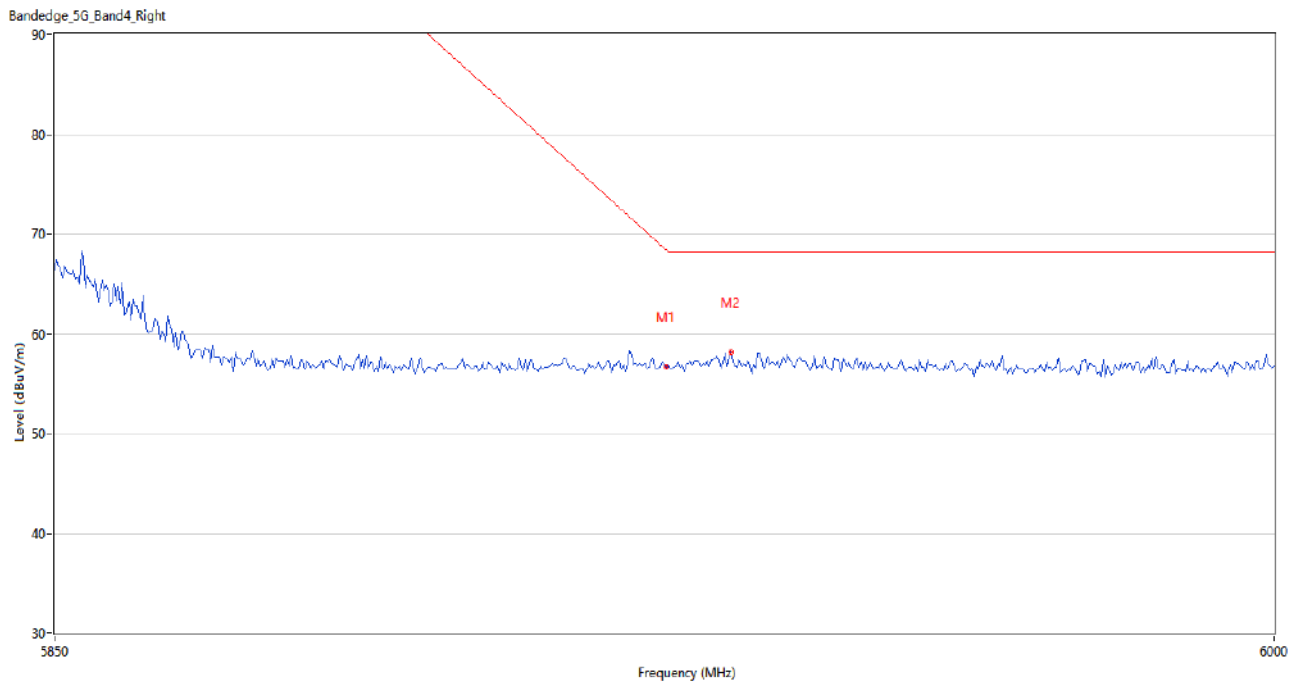
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 56.88            | 3.75        | 68.4           | 11.52       | Peak     | 52.00          | 200         | Horizontal | Pass    |
| 2   | 5950.500        | 58.43            | 3.73        | 68.2           | 9.77        | Peak     | 304.00         | 400         | Horizontal | Pass    |

## U-NII-3 11n20 Low Channel



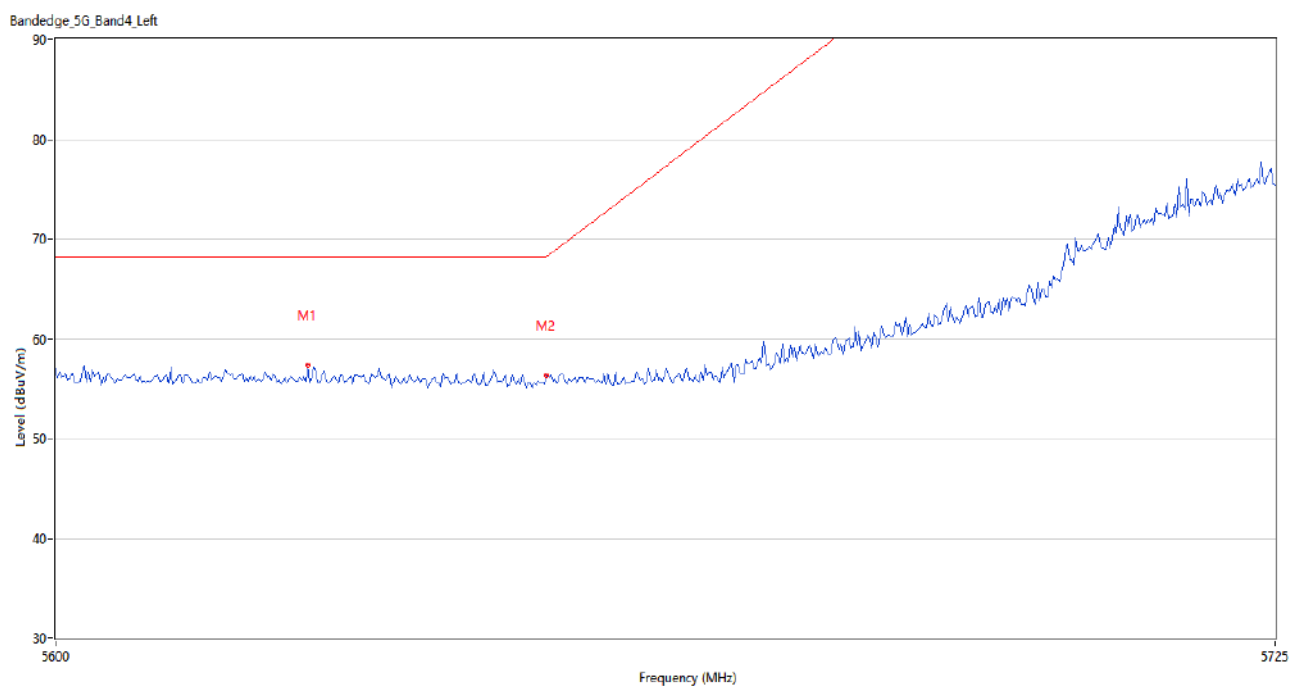
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5638.125        | 57.17            | 2.36        | 68.2           | 11.03       | Peak     | 202.00         | 100         | Horizontal | Pass    |
| 2   | 5650.000        | 56.09            | 2.28        | 68.2           | 12.11       | Peak     | 274.00         | 200         | Horizontal | Pass    |

## U-NII-3 11n20 High Channel



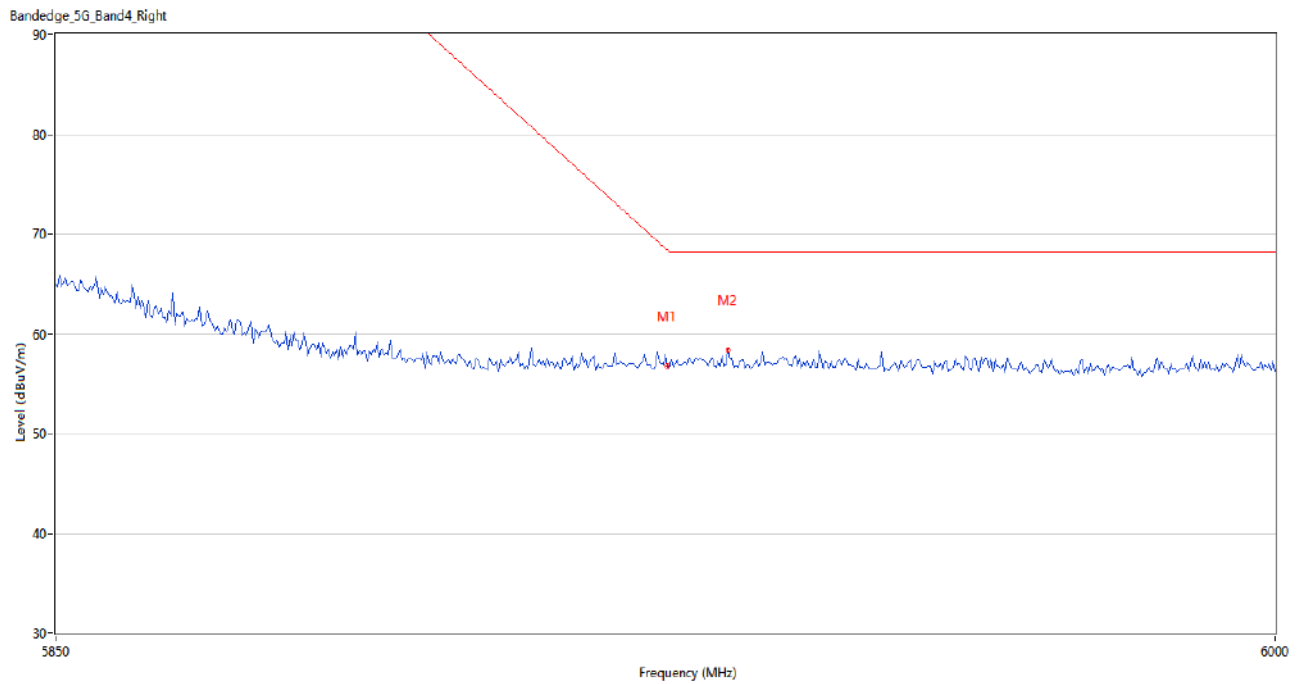
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 56.64            | 3.75        | 68.4           | 11.76       | Peak     | 10.00          | 100         | Horizontal | Pass    |
| 2   | 5932.750        | 58.14            | 3.79        | 68.2           | 10.06       | Peak     | 2.00           | 200         | Horizontal | Pass    |

## U-NII-3 11n40 Low Channel



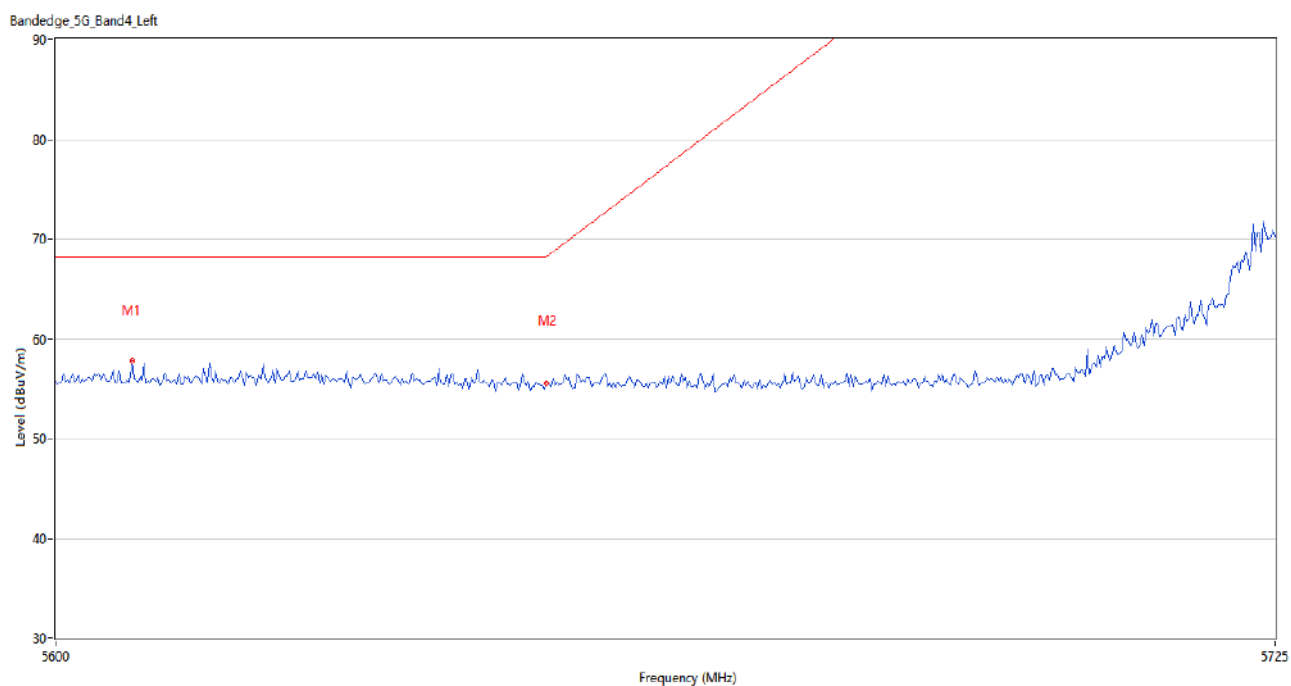
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5625.625        | 57.35            | 2.56        | 68.2           | 10.85       | Peak     | 168.00         | 300         | Horizontal | Pass    |
| 2   | 5650.000        | 56.30            | 2.28        | 68.2           | 11.90       | Peak     | 104.00         | 100         | Horizontal | Pass    |

## U-NII-3 11n40 High Channel



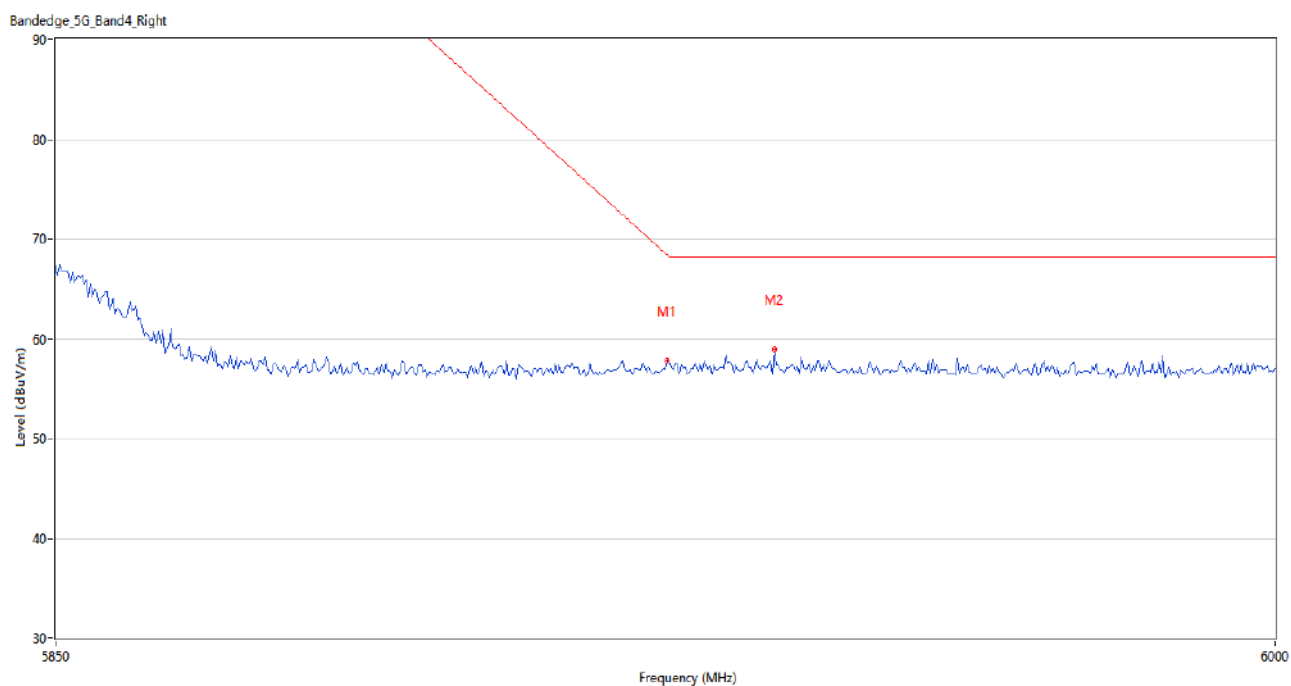
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 56.76            | 3.75        | 68.4           | 11.64       | Peak     | 351.00         | 400         | Horizontal | Pass    |
| 2   | 5932.250        | 58.35            | 3.78        | 68.2           | 9.85        | Peak     | 2.00           | 400         | Horizontal | Pass    |

## U-NII-3 11ac20 Low Channel



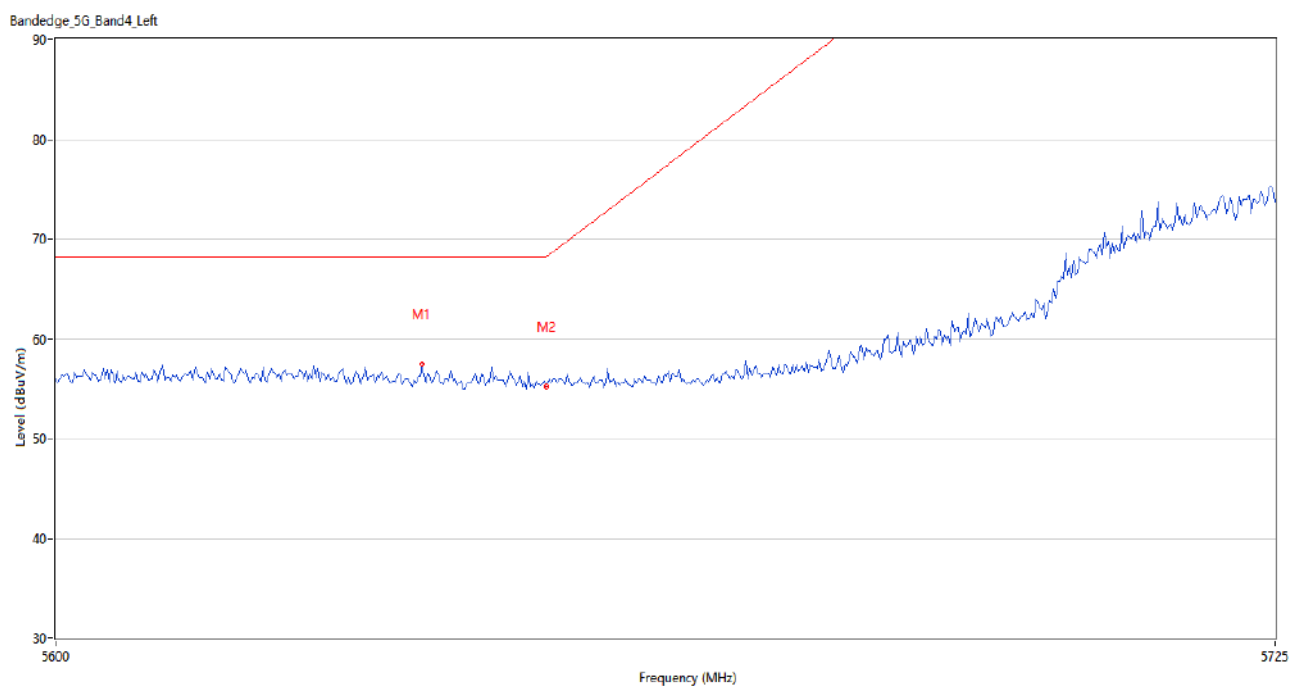
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5607.709        | 57.85            | 2.67        | 68.2           | 10.35       | Peak     | 276.00         | 100         | Horizontal | Pass    |
| 2   | 5650.000        | 55.49            | 2.28        | 68.2           | 12.71       | Peak     | 357.00         | 300         | Horizontal | Pass    |

## U-NII-3 11ac20 High Channel



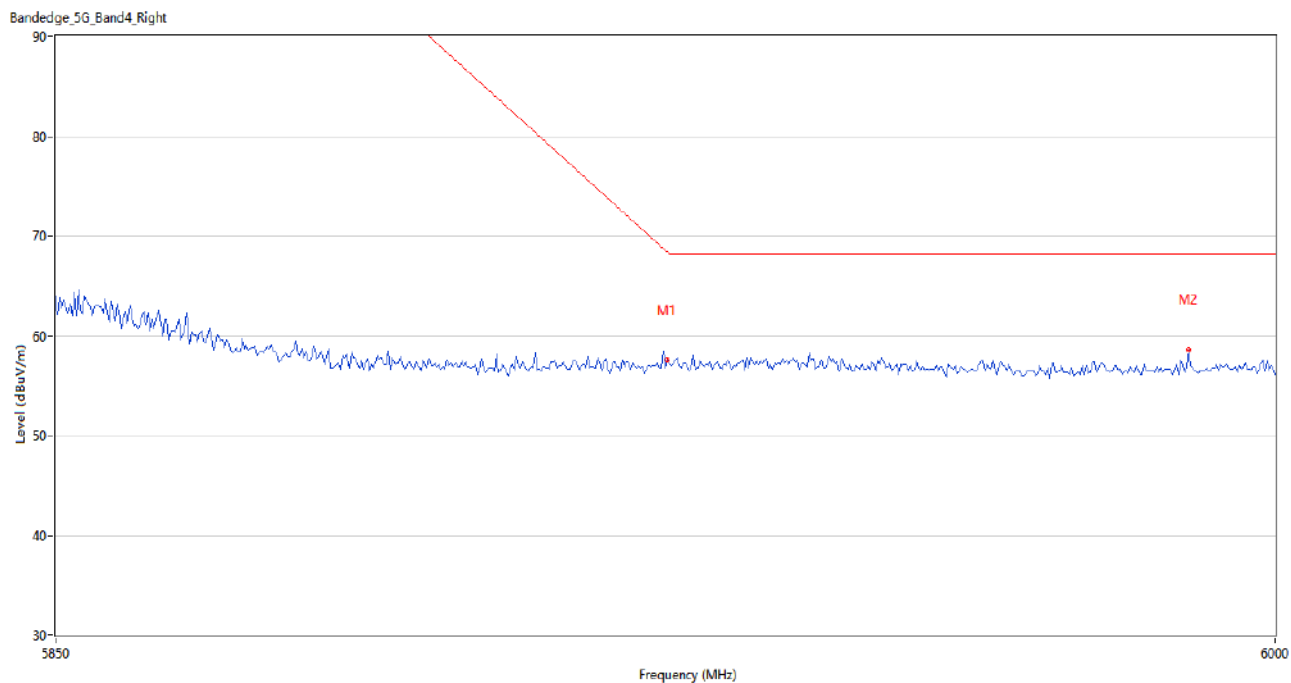
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 57.74            | 3.75        | 68.4           | 10.66       | Peak     | 8.00           | 100         | Horizontal | Pass    |
| 2   | 5938.000        | 58.94            | 3.85        | 68.2           | 9.26        | Peak     | 298.00         | 100         | Horizontal | Pass    |

## U-NII-3 11ac40 Low Channel



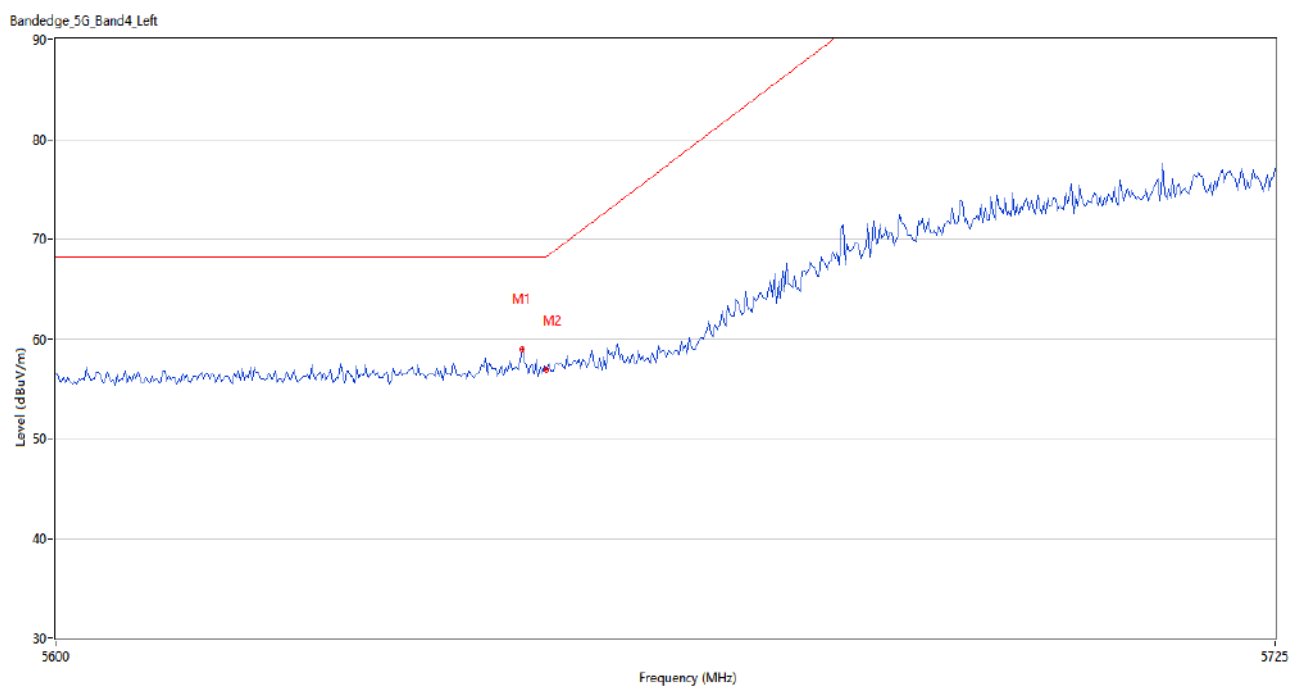
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5637.292        | 57.44            | 2.34        | 68.2           | 10.76       | Peak     | 233.00         | 200         | Horizontal | Pass    |
| 2   | 5650.000        | 55.23            | 2.28        | 68.2           | 12.97       | Peak     | 0.00           | 300         | Horizontal | Pass    |

## U-NII-3 11ac40 High Channel



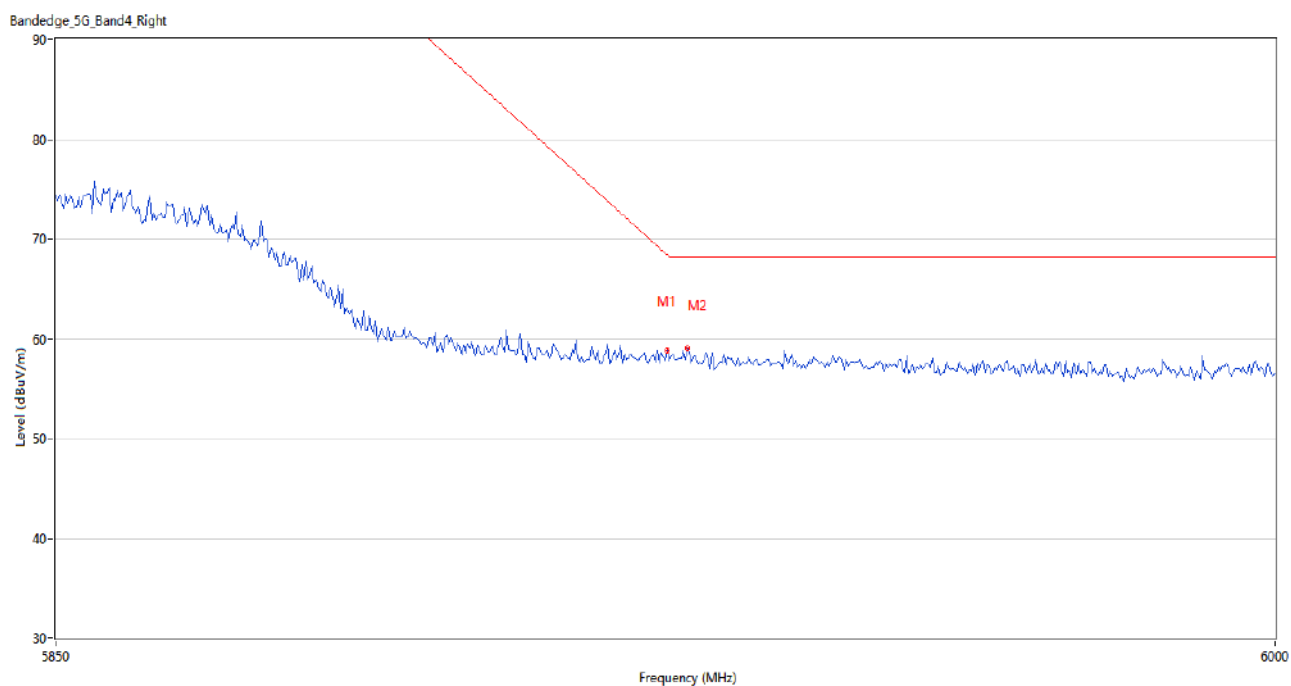
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 57.53            | 3.75        | 68.4           | 10.87       | Peak     | 280.00         | 300         | Horizontal | Pass    |
| 2   | 5989.250        | 58.63            | 3.39        | 68.2           | 9.57        | Peak     | 220.00         | 300         | Horizontal | Pass    |

## U-NII-3 11ac80 Middle Channel



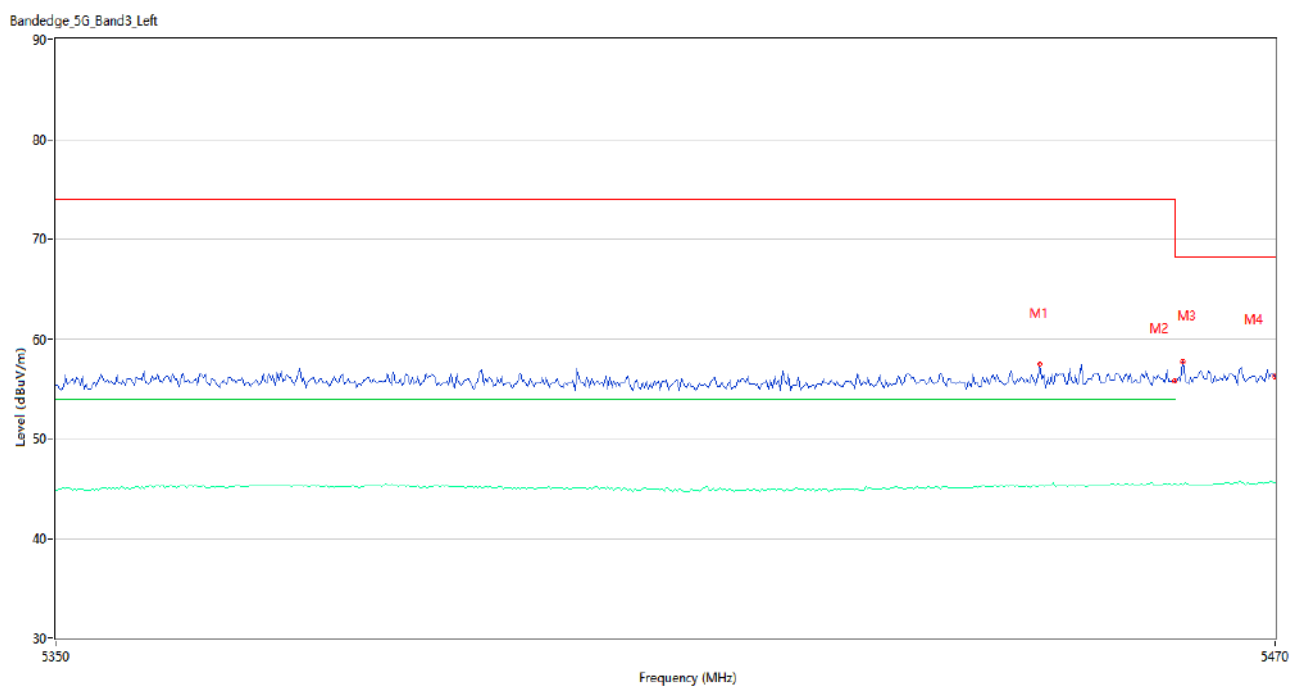
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5647.500        | 58.96            | 2.13        | 68.2           | 9.24        | Peak     | 307.00         | 200         | Horizontal | Pass    |
| 2   | 5650.000        | 56.88            | 2.28        | 68.2           | 11.32       | Peak     | 59.00          | 200         | Horizontal | Pass    |

## U-NII-3 11ac80 Middle Channel



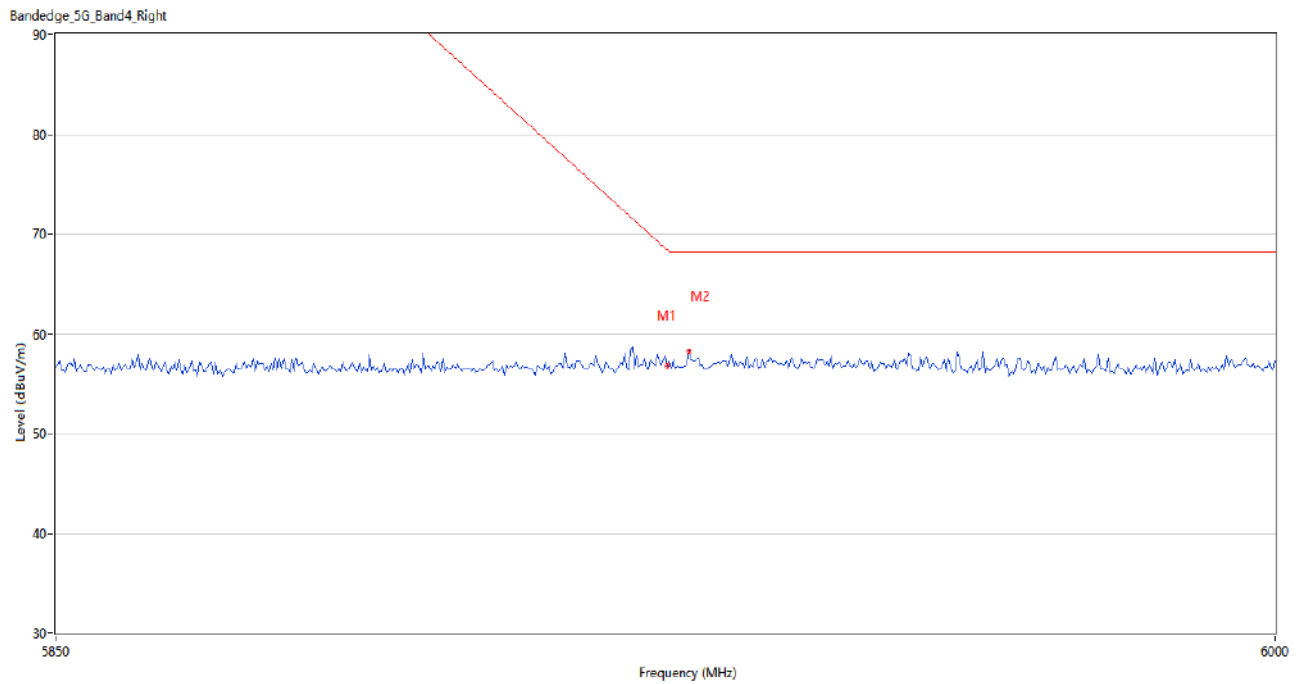
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 58.83            | 3.75        | 68.4           | 9.57        | Peak     | 348.00         | 400         | Horizontal | Pass    |
| 2   | 5927.250        | 59.08            | 3.69        | 68.2           | 9.12        | Peak     | 307.00         | 200         | Horizontal | Pass    |

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



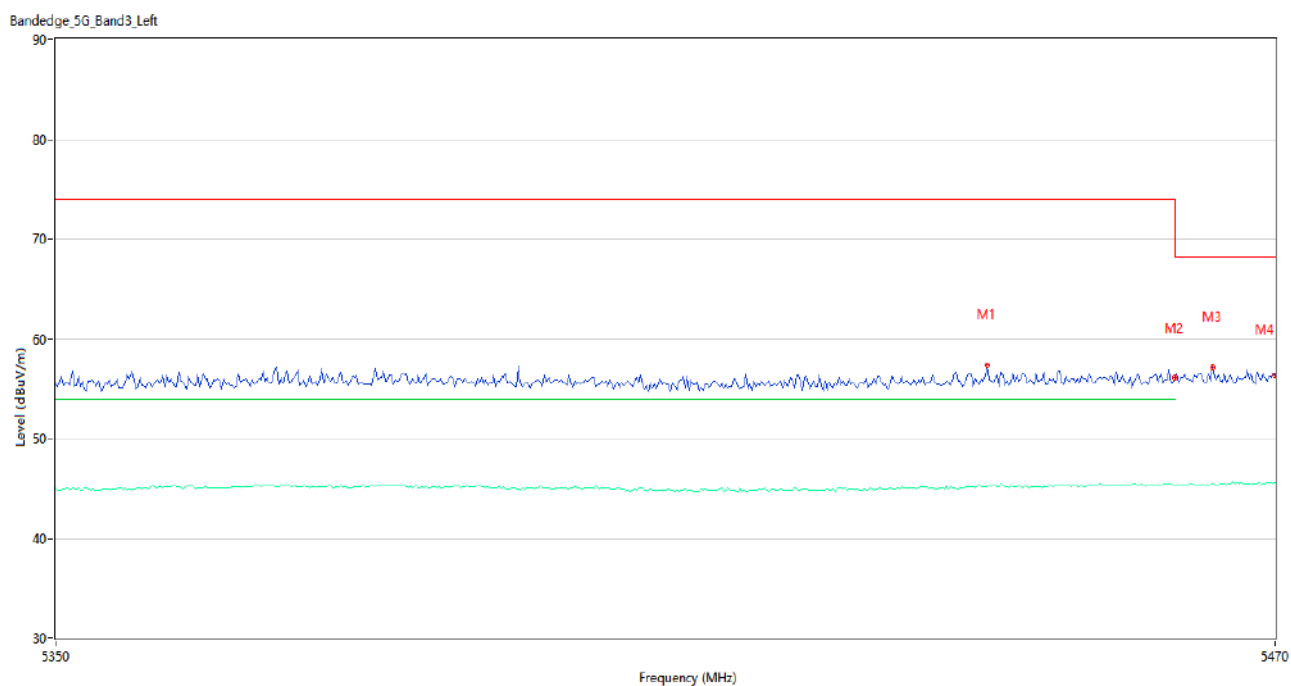
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5446.600        | 57.49            | 2.45        | 74.0           | 16.51       | Peak     | 166.00         | 300         | Horizontal | Pass    |
| 1** | 5446.600        | 45.33            | 2.45        | 54.0           | 8.67        | AV       | 166.00         | 300         | Horizontal | Pass    |
| 2   | 5460.000        | 55.82            | 2.67        | 74.0           | 18.18       | Peak     | 320.00         | 100         | Horizontal | Pass    |
| 2** | 5460.000        | 45.44            | 2.67        | 54.0           | 8.56        | AV       | 320.00         | 100         | Horizontal | Pass    |
| 3   | 5460.800        | 57.71            | 2.65        | 68.2           | 10.49       | Peak     | 166.00         | 100         | Horizontal | Pass    |
| 3** | 5460.800        | 45.42            | 2.65        | --             | --          | AV       | 166.00         | 100         | Horizontal | N/A     |
| 4   | 5470.000        | 56.24            | 2.87        | 68.2           | 11.96       | Peak     | 55.00          | 200         | Horizontal | Pass    |
| 4** | 5470.000        | 45.59            | 2.87        | --             | --          | AV       | 55.00          | 200         | Horizontal | N/A     |

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



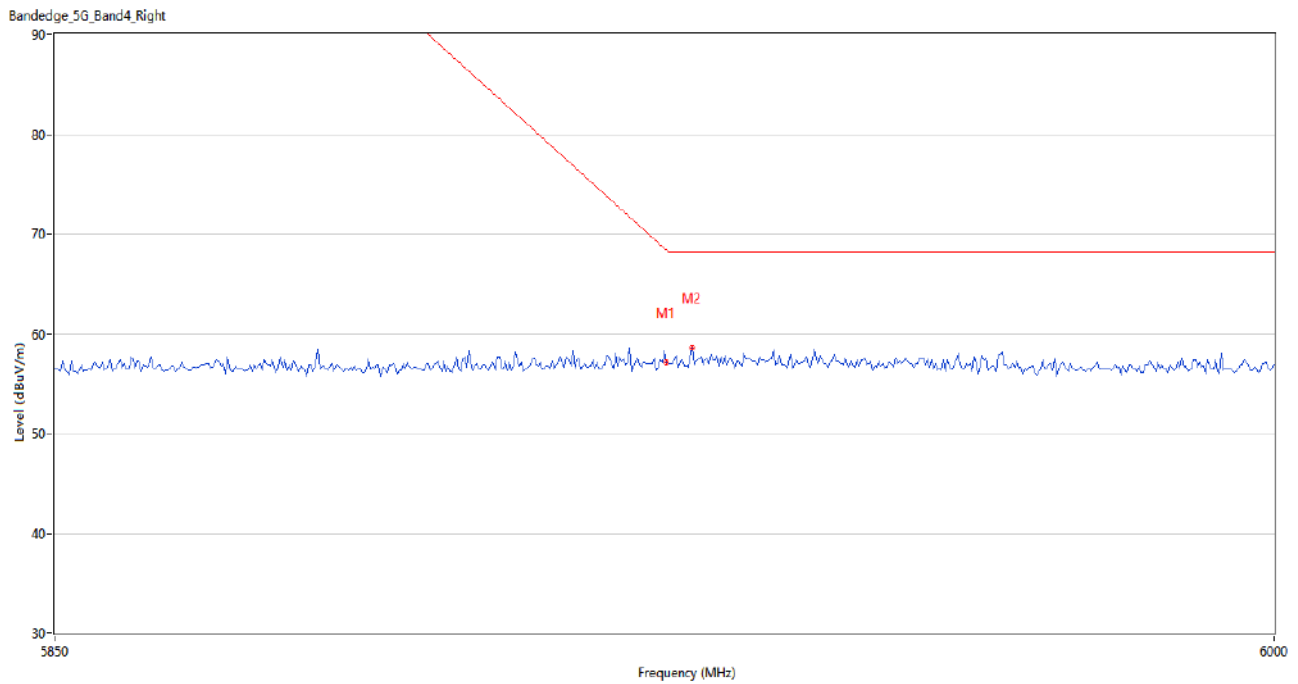
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 56.82            | 3.75        | 68.4           | 11.58       | Peak     | 347.00         | 200         | Horizontal | Pass    |
| 2   | 5927.500        | 58.29            | 3.72        | 68.2           | 9.91        | Peak     | 102.00         | 400         | Horizontal | Pass    |

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



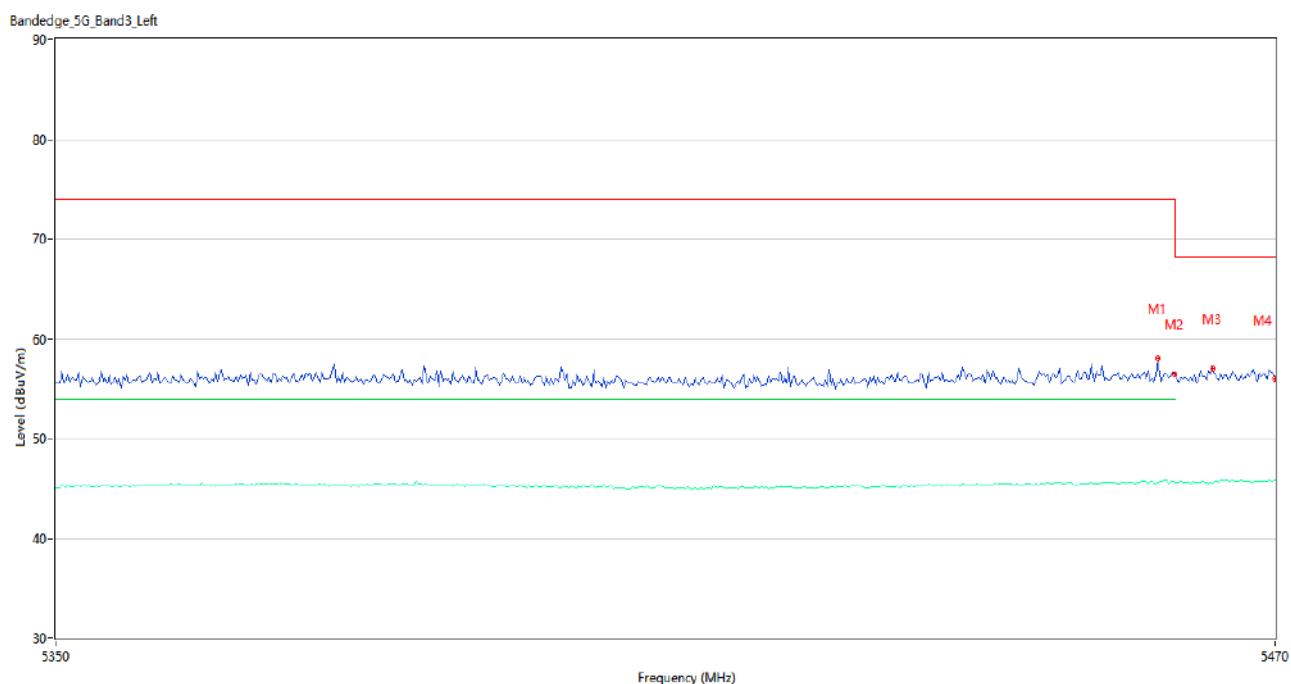
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5441.400        | 57.38            | 2.47        | 74.0           | 16.62       | Peak     | 358.00         | 100         | Horizontal | Pass    |
| 1** | 5441.400        | 45.15            | 2.47        | 54.0           | 8.85        | AV       | 358.00         | 100         | Horizontal | Pass    |
| 2   | 5460.000        | 56.11            | 2.67        | 74.0           | 17.89       | Peak     | 330.00         | 400         | Horizontal | Pass    |
| 2** | 5460.000        | 45.37            | 2.67        | 54.0           | 8.63        | AV       | 330.00         | 400         | Horizontal | Pass    |
| 3   | 5463.800        | 57.15            | 2.71        | 68.2           | 11.05       | Peak     | 276.00         | 200         | Horizontal | Pass    |
| 3** | 5463.800        | 45.42            | 2.71        | --             | --          | AV       | 276.00         | 200         | Horizontal | N/A     |
| 4   | 5470.000        | 56.35            | 2.87        | 68.2           | 11.85       | Peak     | 63.00          | 200         | Horizontal | Pass    |
| 4** | 5470.000        | 45.63            | 2.87        | --             | --          | AV       | 63.00          | 200         | Horizontal | N/A     |

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



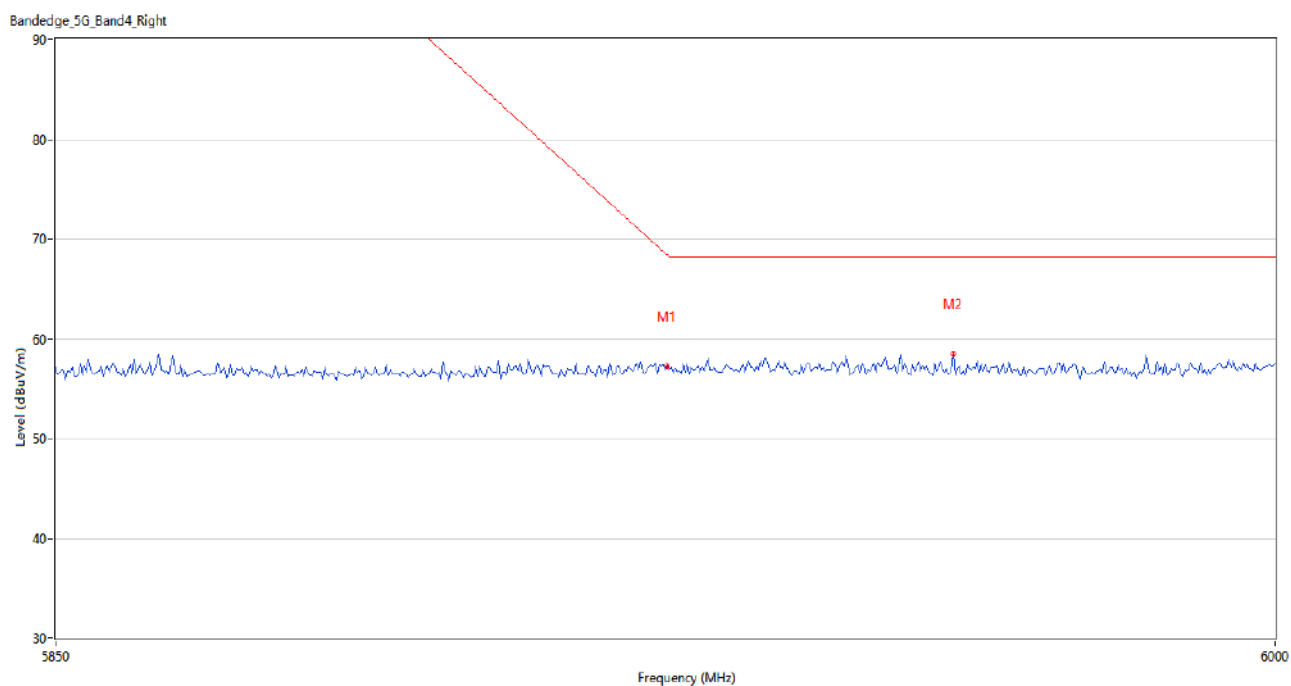
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 57.08            | 3.75        | 68.4           | 11.32       | Peak     | 65.00          | 200         | Horizontal | Pass    |
| 2   | 5928.000        | 58.56            | 3.77        | 68.2           | 9.64        | Peak     | 16.00          | 200         | Horizontal | Pass    |

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



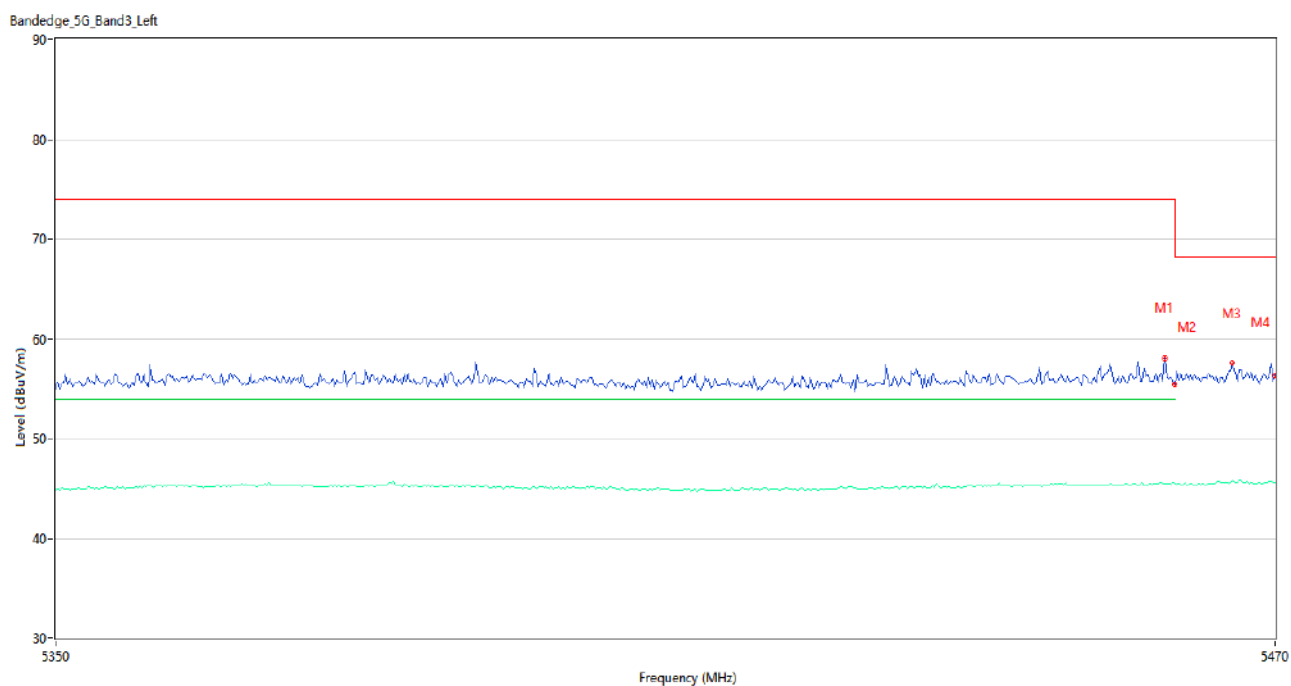
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5458.400        | 58.05            | 2.65        | 74.0           | 15.95       | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 1** | 5458.400        | 45.54            | 2.65        | 54.0           | 8.46        | AV       | 360.00         | 300         | Horizontal | Pass    |
| 2   | 5460.000        | 56.40            | 2.67        | 74.0           | 17.60       | Peak     | 117.00         | 100         | Horizontal | Pass    |
| 2** | 5460.000        | 45.64            | 2.67        | 54.0           | 8.36        | AV       | 117.00         | 100         | Horizontal | Pass    |
| 3   | 5463.800        | 56.98            | 2.71        | 68.2           | 11.22       | Peak     | 138.00         | 100         | Horizontal | Pass    |
| 3** | 5463.800        | 45.52            | 2.71        | --             | --          | AV       | 138.00         | 100         | Horizontal | N/A     |
| 4   | 5470.000        | 56.00            | 2.87        | 68.2           | 12.20       | Peak     | 262.00         | 400         | Horizontal | Pass    |
| 4** | 5470.000        | 45.82            | 2.87        | --             | --          | AV       | 262.00         | 400         | Horizontal | N/A     |

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



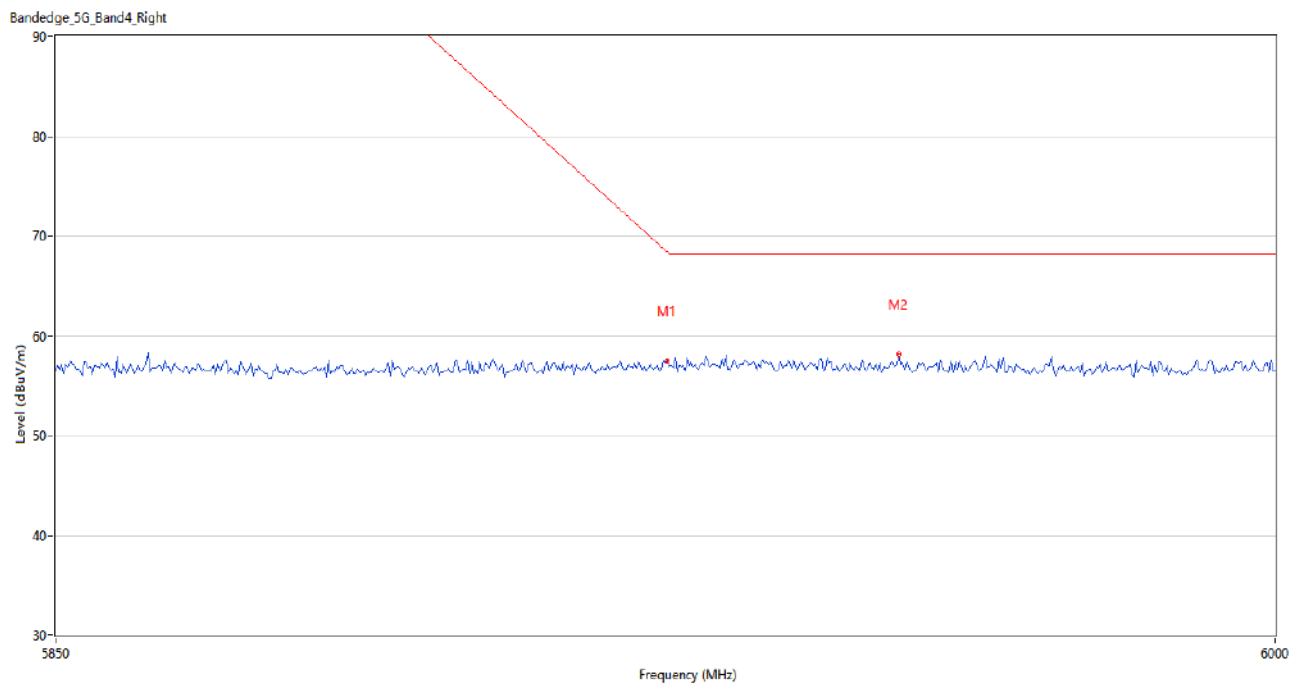
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 57.24            | 3.75        | 68.4           | 11.16       | Peak     | 273.00         | 100         | Horizontal | Pass    |
| 2   | 5960.000        | 58.44            | 3.61        | 68.2           | 9.76        | Peak     | 0.00           | 100         | Horizontal | Pass    |

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



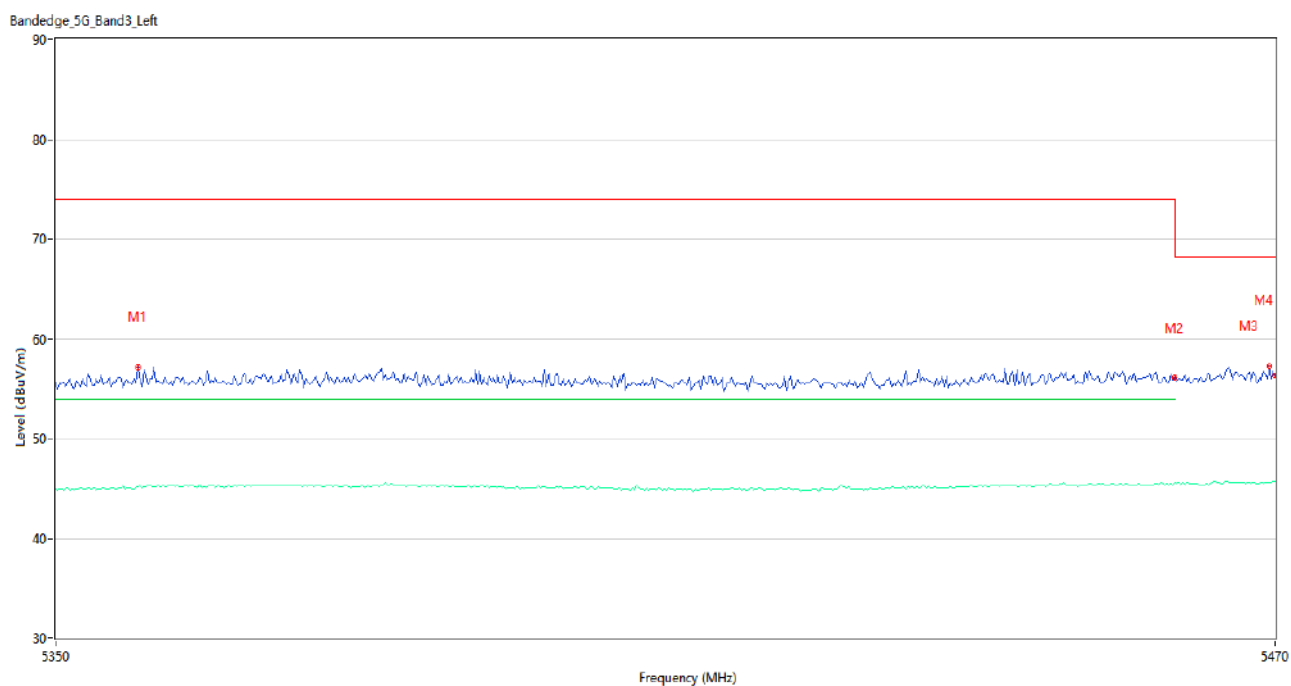
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5459.000        | 58.06            | 2.68        | 74.0           | 15.94       | Peak     | 45.00          | 300         | Horizontal | Pass    |
| 1** | 5459.000        | 45.43            | 2.68        | 54.0           | 8.57        | AV       | 45.00          | 300         | Horizontal | Pass    |
| 2   | 5460.000        | 55.48            | 2.67        | 74.0           | 18.52       | Peak     | 227.00         | 200         | Horizontal | Pass    |
| 2** | 5460.000        | 45.48            | 2.67        | 54.0           | 8.52        | AV       | 227.00         | 200         | Horizontal | Pass    |
| 3   | 5465.800        | 57.52            | 2.87        | 68.2           | 10.68       | Peak     | 15.00          | 300         | Horizontal | Pass    |
| 3** | 5465.800        | 45.77            | 2.87        | --             | --          | AV       | 15.00          | 300         | Horizontal | N/A     |
| 4   | 5470.000        | 56.30            | 2.87        | 68.2           | 11.90       | Peak     | 4.00           | 100         | Horizontal | Pass    |
| 4** | 5470.000        | 45.59            | 2.87        | --             | --          | AV       | 4.00           | 100         | Horizontal | N/A     |

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



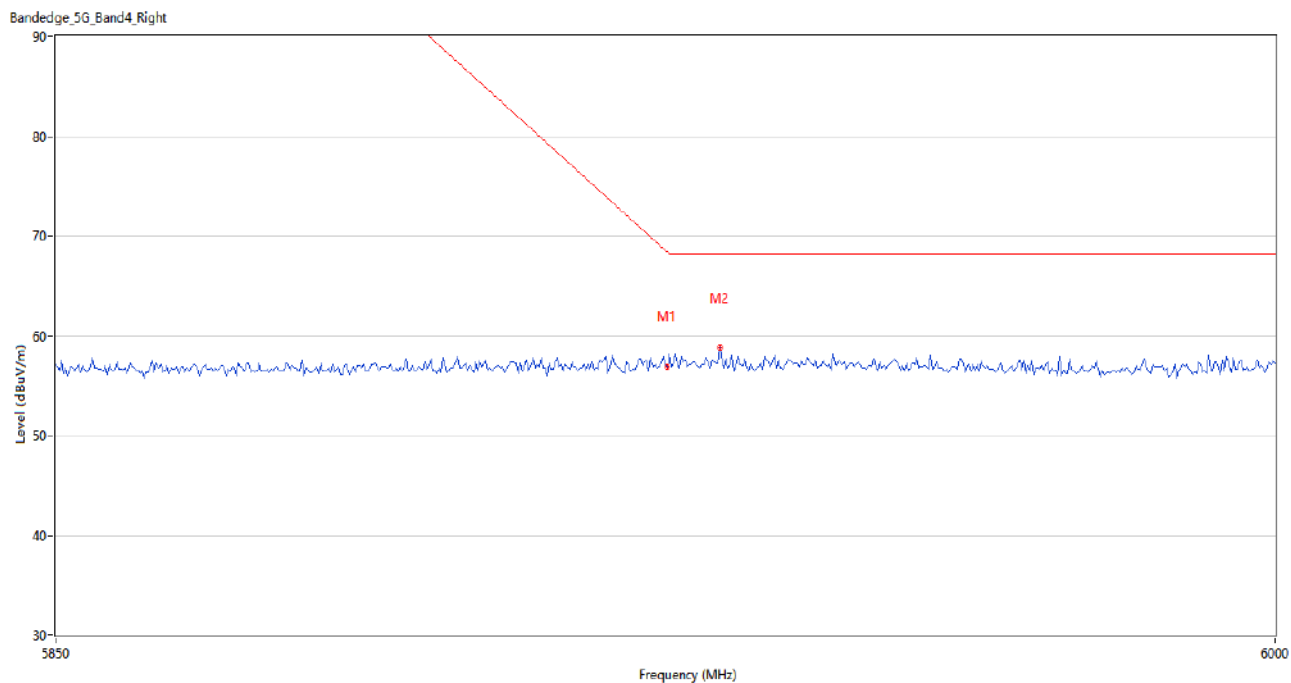
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 57.48            | 3.75        | 68.4           | 10.92       | Peak     | 250.00         | 200         | Horizontal | Pass    |
| 2   | 5953.250        | 58.16            | 3.77        | 68.2           | 10.04       | Peak     | 127.00         | 300         | Horizontal | Pass    |

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



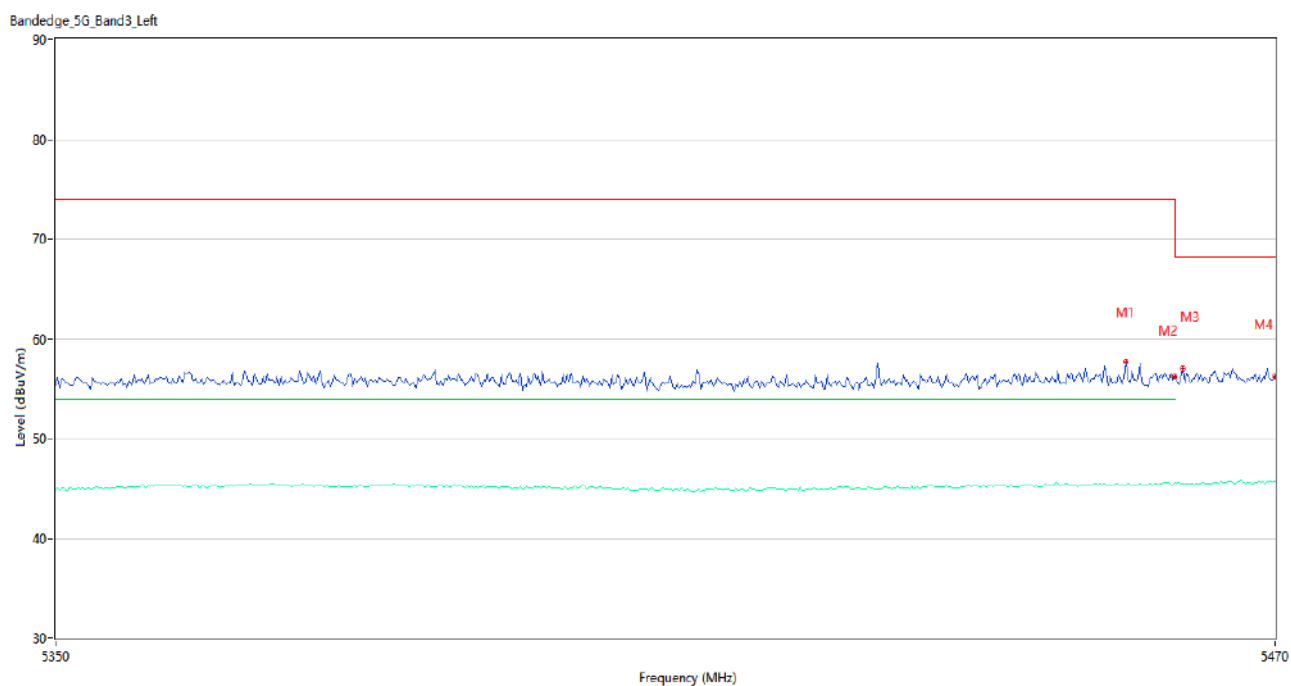
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5358.000        | 57.16            | 2.50        | 74.0           | 16.84       | Peak     | 324.00         | 200         | Horizontal | Pass    |
| 1** | 5358.000        | 45.12            | 2.50        | 54.0           | 8.88        | AV       | 324.00         | 200         | Horizontal | Pass    |
| 2   | 5460.000        | 56.05            | 2.67        | 74.0           | 17.95       | Peak     | 81.00          | 200         | Horizontal | Pass    |
| 2** | 5460.000        | 45.61            | 2.67        | 54.0           | 8.39        | AV       | 81.00          | 200         | Horizontal | Pass    |
| 3   | 5469.400        | 57.20            | 2.85        | 68.2           | 11.00       | Peak     | 45.00          | 200         | Horizontal | Pass    |
| 3** | 5469.400        | 45.56            | 2.85        | --             | --          | AV       | 45.00          | 200         | Horizontal | N/A     |
| 4   | 5470.000        | 56.28            | 2.87        | 68.2           | 11.92       | Peak     | 109.00         | 200         | Horizontal | Pass    |
| 4** | 5470.000        | 45.70            | 2.87        | --             | --          | AV       | 109.00         | 200         | Horizontal | N/A     |

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



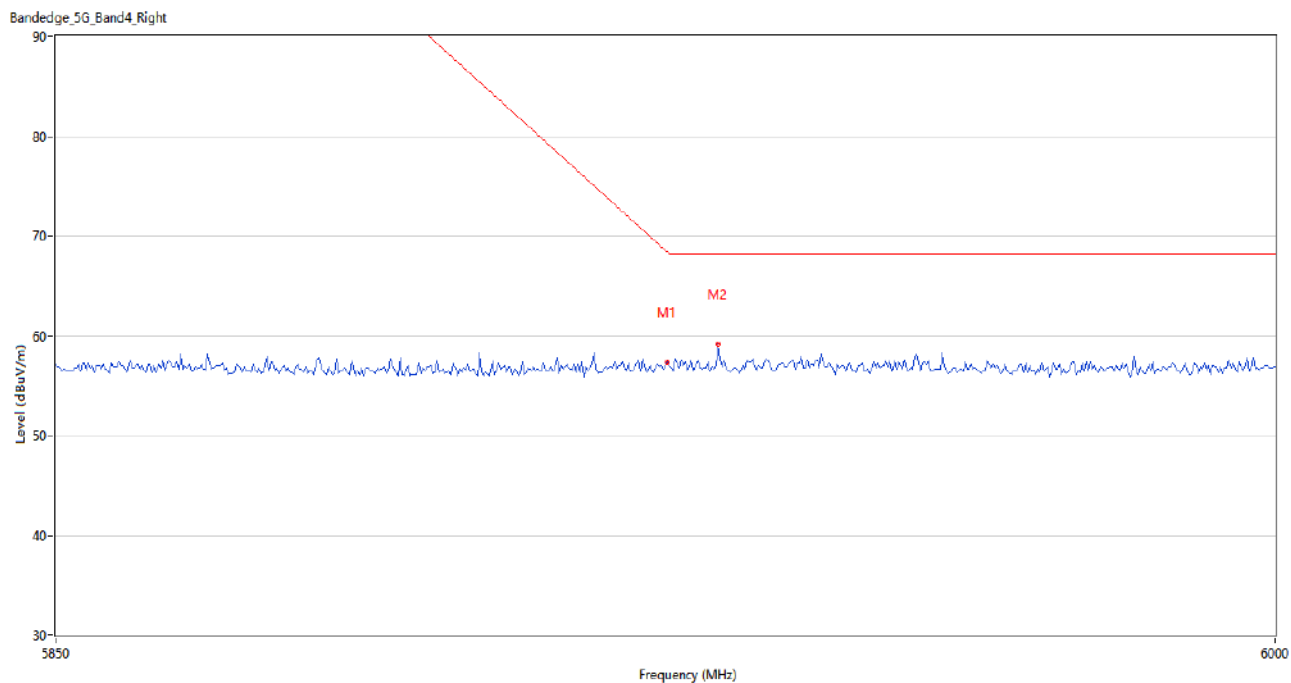
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 56.93            | 3.75        | 68.4           | 11.47       | Peak     | 86.00          | 300         | Horizontal | Pass    |
| 2   | 5931.250        | 58.84            | 3.77        | 68.2           | 9.36        | Peak     | 360.00         | 300         | Horizontal | Pass    |

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5455.200        | 57.65            | 2.61        | 74.0           | 16.35       | Peak     | 91.00          | 300         | Horizontal | Pass    |
| 1** | 5455.200        | 45.33            | 2.61        | 54.0           | 8.67        | AV       | 91.00          | 300         | Horizontal | Pass    |
| 2   | 5460.000        | 56.19            | 2.67        | 74.0           | 17.81       | Peak     | 88.00          | 100         | Horizontal | Pass    |
| 2** | 5460.000        | 45.56            | 2.67        | 54.0           | 8.44        | AV       | 88.00          | 100         | Horizontal | Pass    |
| 3   | 5460.800        | 57.05            | 2.65        | 68.2           | 11.15       | Peak     | 317.00         | 300         | Horizontal | Pass    |
| 3** | 5460.800        | 45.53            | 2.65        | --             | --          | AV       | 317.00         | 300         | Horizontal | N/A     |
| 4   | 5470.000        | 56.19            | 2.87        | 68.2           | 12.01       | Peak     | 256.00         | 100         | Horizontal | Pass    |
| 4** | 5470.000        | 45.68            | 2.87        | --             | --          | AV       | 256.00         | 100         | Horizontal | N/A     |

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 57.33            | 3.75        | 68.4           | 11.07       | Peak     | 315.00         | 400         | Horizontal | Pass    |
| 2   | 5931.000        | 59.16            | 3.77        | 68.2           | 9.04        | Peak     | 1.00           | 300         | Horizontal | Pass    |

## **ANNEX B TEST SETUP PHOTOS**

Please refer the document “BL-SZ2510222-AR-2.PDF”.

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document “BL-SZ2510222-AW.PDF”.

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document “BL-SZ2510222-AI.PDF”.

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--END OF REPORT--