



# TEST REPORT

**Applicant:** Mudita Sp. z o.o.  
**Address:** Jana Czeczota 6, 02-607 Warszawa, Poland  
**Equipment Type:** GSM/WCDMA/LTE Mobile Phone  
**Model Name:** Kompakt-NAM  
**Brand Name:** Mudita  
**FCC ID:** 2BCWI-KOMPAKT-NAM  
**ISED Number:** 31299-KOMPAKTNAM  
**Test Standard:** 47 CFR Part 15 Subpart E  
RSS-Gen Issue 5  
RSS-247 Issue 3  
(refer to section 3.1)  
**Sample Arrival Date:** Dec. 17, 2024  
**Test Date:** Dec. 20, 2024 - Jan. 04, 2025  
**Date of Issue:** Mar. 05, 2025

**ISSUED BY:**

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Julie Zhu**Checked by:** Ye Hongji**Approved by:** Sunny Zou  
(Technical Director)

**Revision History**

| Version        | Issue Date           | Revisions            |
|----------------|----------------------|----------------------|
| <u>Rev. 01</u> | <u>Mar. 05, 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.<br>The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A. |

## 2 PRODUCT INFORMATION

### 2.1 Applicant Information

|           |                                          |
|-----------|------------------------------------------|
| Applicant | Mudita Sp. z o.o.                        |
| Address   | Jana Czeczota 6, 02-607 Warszawa, Poland |

### 2.2 Manufacturer Information

|              |                                          |
|--------------|------------------------------------------|
| Manufacturer | Mudita Sp. z o.o.                        |
| Address      | Jana Czeczota 6, 02-607 Warszawa, Poland |

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

|                                           |                                   |
|-------------------------------------------|-----------------------------------|
| EUT Name                                  | GSM/WCDMA/LTE Mobile Phone        |
| Model Name Under Test                     | Kompakt-NAM                       |
| Series Model Name                         | N/A                               |
| Description of Model name differentiation | N/A                               |
| Serial Number                             | /                                 |
| Hardware Version                          | V0.3                              |
| Software Version                          | LS601B_EINK_US_2SIM_V1.0_20241213 |
| Dimensions (Approx.)                      | N/A                               |
| Weight (Approx.)                          | N/A                               |

### 2.4 Technical Information

|                                   |                                                                                                                                                                                                                                                                                                             |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network and Wireless connectivity | 2G Network GSM/GPRS 850/1900<br>3G Network WCDMA/HSDPA/HSUPA Band 2/4/5<br>4G Network FDD LTE Band 2/4/5/7/12/13/17/18/19/25/26/66/71<br>TDD LTE Band 38/41<br>Bluetooth (BR+EDR+BLE)<br>WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40) and 802.11ac(VHT20/40/80)<br>GNSS, FM Receiver, NFC, WPT(RX Only) |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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: 11.75 mW<br>U-NII-2A: 14.72 mW<br>U-NII-2C: 16.67 mW<br>U-NII-3: 17.91 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: 0.02 dBi<br>U-NII-2A: 5250 MHz to 5350 MHz: 0.02 dBi<br>U-NII-2C: 5470 MHz to 5725 MHz: 0.02 dBi<br>U-NII-3: 5725 MHz to 5850 MHz: 0.02 dBi |
| About the Product                                             | The equipment is GSM/WCDMA/LTE 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>155</b>     | <b>5775</b>     |
| 56             | 5280            | 110            | 5550            |                |                 |
| <b>60</b>      | <b>5300</b>     | <b>118</b>     | <b>5590</b>     |                |                 |
| <b>64</b>      | <b>5320</b>     | 126            | 5630            |                |                 |
| <b>100</b>     | <b>5500</b>     | <b>134</b>     | <b>5670</b>     |                |                 |
| 104            | 5520            | <b>151</b>     | <b>5755</b>     |                |                 |
| 108            | 5540            | <b>159</b>     | <b>5795</b>     |                |                 |
| 112            | 5560            |                |                 |                |                 |
| <b>116</b>     | <b>5580</b>     |                |                 |                |                 |
| 120            | 5600            |                |                 |                |                 |
| 124            | 5620            |                |                 |                |                 |
| 128            | 5640            |                |                 |                |                 |
| 132            | 5660            |                |                 |                |                 |
| 136            | 5680            |                |                 |                |                 |
| <b>140</b>     | <b>5700</b>     |                |                 |                |                 |
| <b>149</b>     | <b>5745</b>     |                |                 |                |                 |
| 153            | 5765            |                |                 |                |                 |
| <b>157</b>     | <b>5785</b>     |                |                 |                |                 |
| 161            | 5805            |                |                 |                |                 |
| <b>165</b>     | <b>5825</b>     |                |                 |                |                 |

Note: This report equipment will not transmit in the 5600-5650 MHz frequency band when used in Canada. This restriction is to protect weather radars operating in this frequency band.

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

| U-NII-2C (5470 - 5725 MHz) |         |                 | U-NII-3 (5725 - 5850 MHz) |         |                 |
|----------------------------|---------|-----------------|---------------------------|---------|-----------------|
| Channel Number             | Channel | Frequency (MHz) | Channel Number            | Channel | Frequency (MHz) |
| 106                        | Low     | 5530            | 155                       | Mid     | 5775            |
| 122                        | High    | 5610            | --                        | --      | --              |



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

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

### 3 SUMMARY OF TEST RESULTS

#### 3.1 Test Standards

| No. | Identity                          | Document Title                                                                                                             |
|-----|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 1   | 47 CFR Part 15 Subpart E          | Unlicensed National Information Infrastructure Devices                                                                     |
| 2   | RSS-Gen Issue 5                   | General Requirements for Compliance of Radio Apparatus                                                                     |
| 3   | RSS-247 Issue 3                   | Digital Transmission Systems (DTSs), Frequency Hopping Systems(FHSs) and Licence-Exemp Local Area Network (LE-LAN) Devices |
| 4   | KDB Publication 789033 D02v02r01☆ | Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E     |
| 5   | ANSI C63.10-2013                  | American National Standard for Testing Unlicensed Wireless Devices                                                         |

#### 3.2 Test Verdict

| No. | Description                                                 | FCC Part No. | RSS Part No.   | Test Result | Verdict               |
|-----|-------------------------------------------------------------|--------------|----------------|-------------|-----------------------|
| 1   | Antenna Requirement                                         | 15.203       | RSS-247, 6.2   | --          | Pass <sup>Note1</sup> |
| 2   | RF Output Power                                             | 15.407(a)    | RSS-247, 6.2   | ANNEX A.1   | Pass                  |
| 3   | Emission Bandwidth & 99% Occupied Bandwidth                 | 15.407(a)    | RSS-247, 6.2   | ANNEX A.2   | Pass                  |
| 4   | 6 dB bandwidth                                              | 15.407(e)    | RSS-247, 6.2   | ANNEX A.3   | Pass                  |
| 5   | Power Spectral Density                                      | 15.407(a)    | RSS-247, 6.2   | ANNEX A.4   | Pass                  |
| 6   | Conducted Emission                                          | 15.207       | RSS-GEN, 8.8   | ANNEX A.5   | Pass                  |
| 7   | Radiated Spurious Emissions and Band Edge (Restricted-band) | 15.407(b)    | RSS-247, 6.2   | ANNEX A.6   | Pass                  |
| 8   | Receiver Spurious Emissions                                 | --           | RSS-Gen, 7.1.2 | --          | N/A <sup>Note2</sup>  |

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

Note <sup>2</sup>: Only radio communication receivers operating in stand-alone mode within the U-NII-30-960 MHz, as well as scanner receivers, are subject to Industry Canada requirements, so this test is not applicable.

Note <sup>3</sup>: Under all normal operating conditions specified in the user manual, frequency stability can keep radiation within the operating frequency band.

## 4 GENERAL TEST CONFIGURATIONS

### 4.1 Test Environments

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

|                            |                         |                  |
|----------------------------|-------------------------|------------------|
| Relative Humidity          | 30% to 51%              |                  |
| Atmospheric Pressure       | 100 kPa to 102 kPa      |                  |
| Temperature                | NT (Normal Temperature) | +21.9℃ to +23.6℃ |
| Working Voltage of the EUT | NV (Normal Voltage)     | 3.8V             |

### 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            | MY50330200  | 2024.05.08 | 2025.05.07 |
| Power Sensor        | KEYSIGHT                   | U2063XA           | MY58000251  | 2024.07.04 | 2025.07.03 |
| Spectrum Analyzer   | KEYSIGHT                   | N9020A            | MY50531259  | 2024.08.01 | 2025.07.31 |
| Test Antenna-Horn   | SCHWARZBECK                | BBHA 9120D        | 02460       | 2024.05.16 | 2027.05.15 |
| Test Antenna-Horn   | A-INFO                     | LB-180400KF       | J211060273  | 2024.06.15 | 2027.06.14 |
| Anechoic Chamber    | RAINFORD                   | 9m*6m*6m          | 140         | 2024.07.28 | 2027.07.27 |
| Amplifier           | COM-MV                     | LSCX_LNA1-12G-01  | 7210214     | 2024.08.01 | 2025.07.31 |
| Amplifier           | COM-MV                     | XKu_LNA7-18G-01   | 7210209     | 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 | 2025.01.22 |
| 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        | KEYSIGHT                   | N9038A            | MY53220118  | 2024.08.01 | 2025.07.31 |
| Test Antenna-Bi-Log | SCHWARZBECK                | VULB 9163         | 9163-624    | 2024.07.06 | 2027.07.05 |
| Amplifier           | COM-MV                     | ZT30-1000M        | B2017119082 | 2024.11.28 | 2025.11.27 |
| Anechoic Chamber    | RAINFORD                   | 9m*6m*6m          | 101         | 2023.03.04 | 2026.03.03 |
| EMI Receiver        | KEYSIGHT                   | N9010B            | MY57110309  | 2024.08.01 | 2025.07.31 |
| LISN                | SCHWARZBECK                | NSLK 8127         | 8127-687    | 2024.05.09 | 2025.05.08 |
| Shielded Enclosure  | YiHeng Electronic Co., Ltd | 3.5m*3.1m*2.8m    | 112         | 2022.02.19 | 2025.02.18 |

### 4.3 Test Software List

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

### 4.4 Measurement Uncertainty

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

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

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

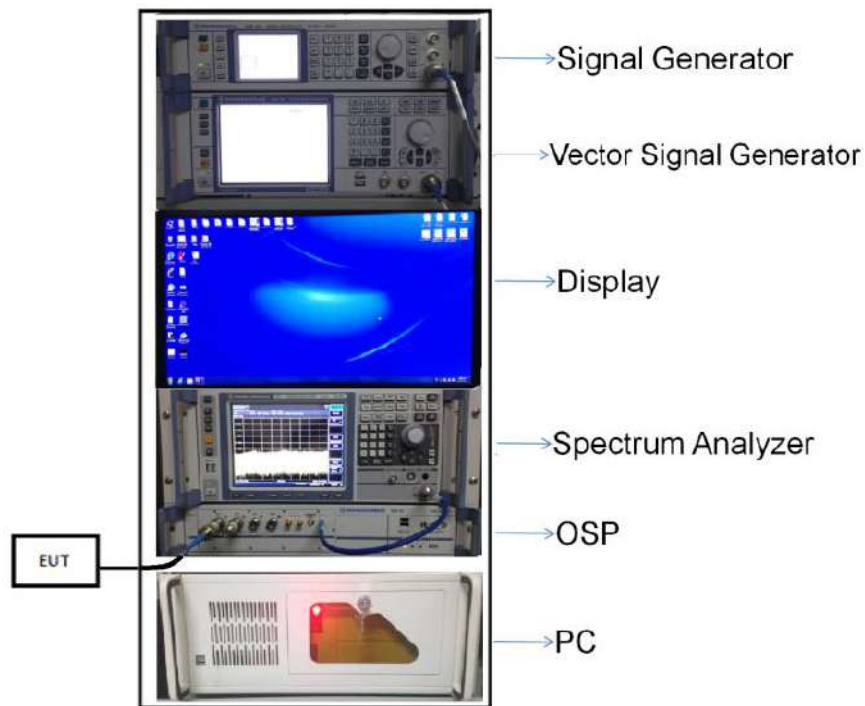
## 4.5 Description of Test Setup

### 4.5.1 For Antenna Port Test

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

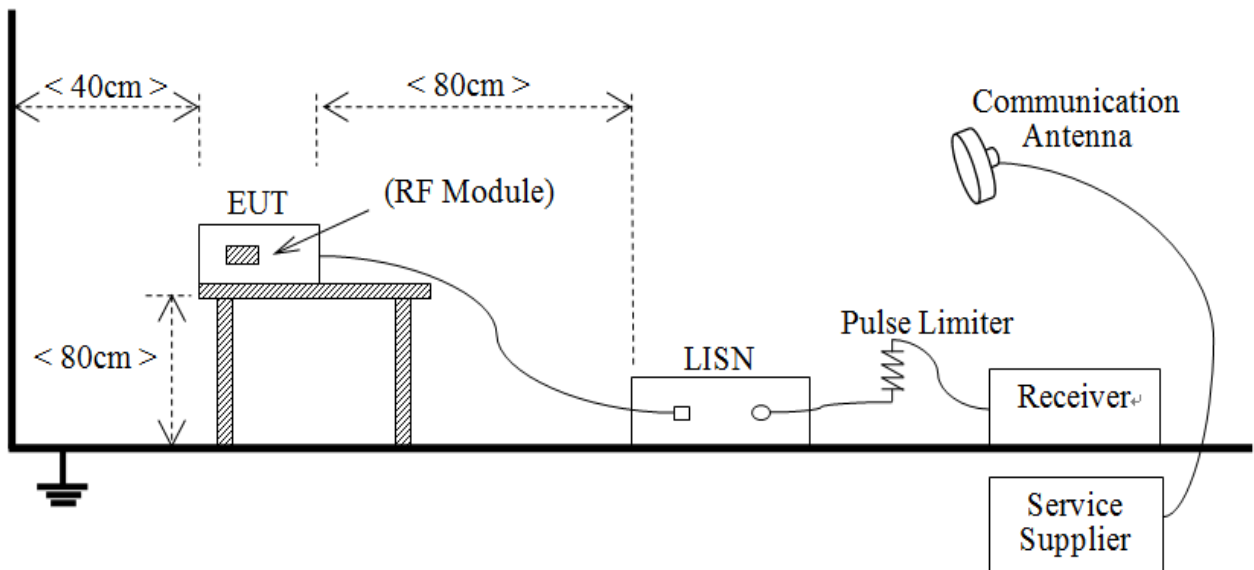
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



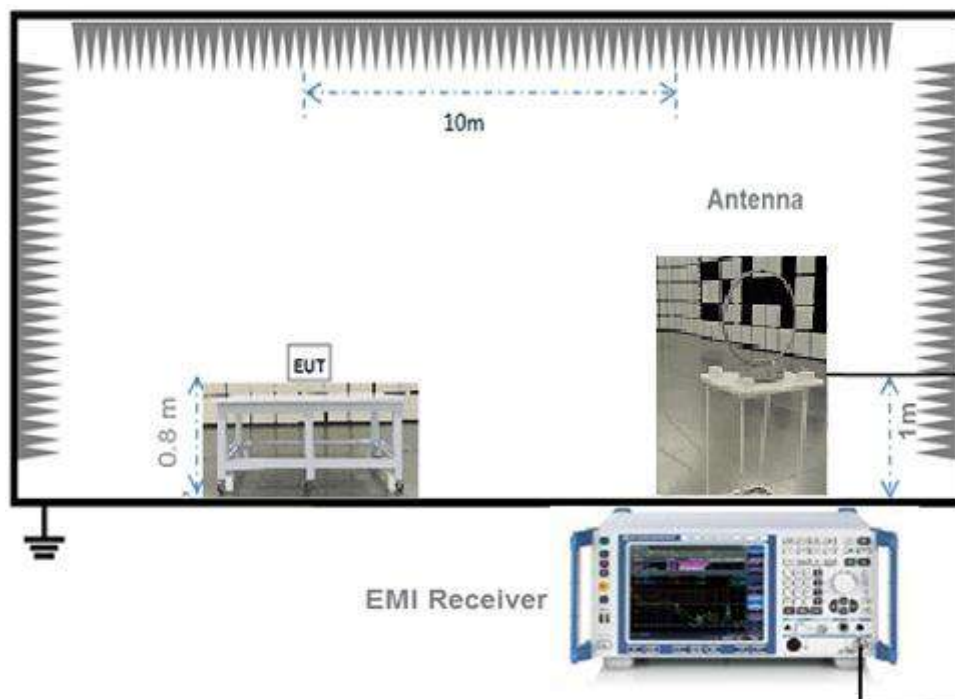
(Diagram 1)

#### 4.5.2 For AC Power Supply Port Test



(Diagram 2)

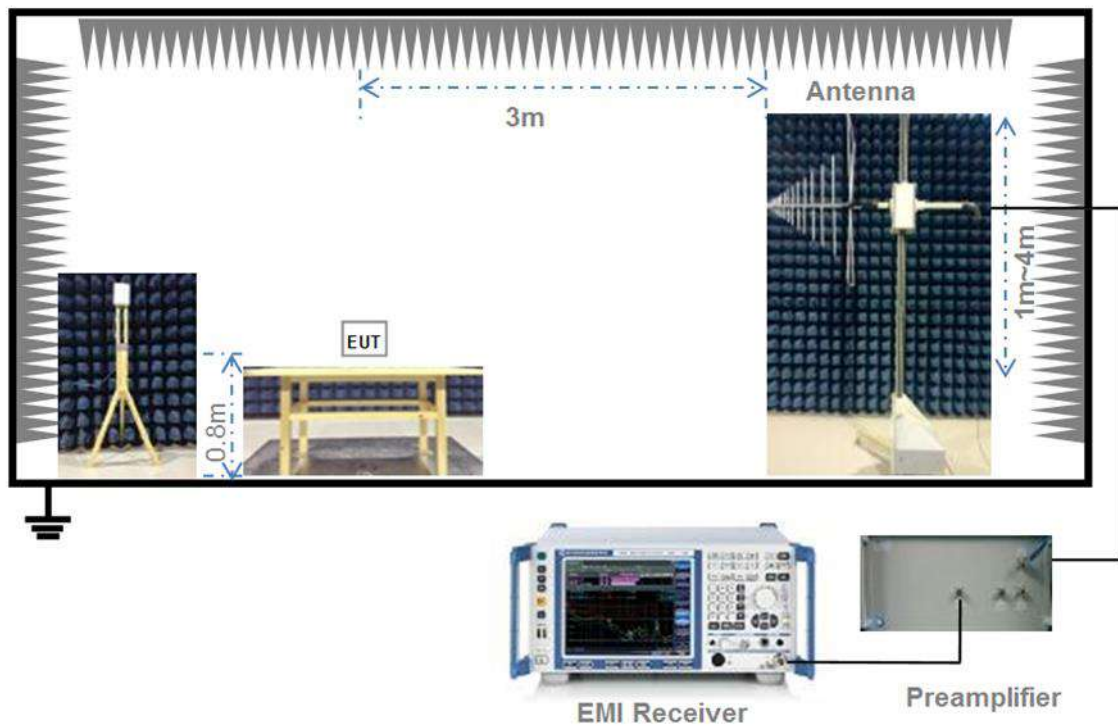
#### 4.5.3 For Radiated Test (Below 30 MHz)



(Diagram 3)

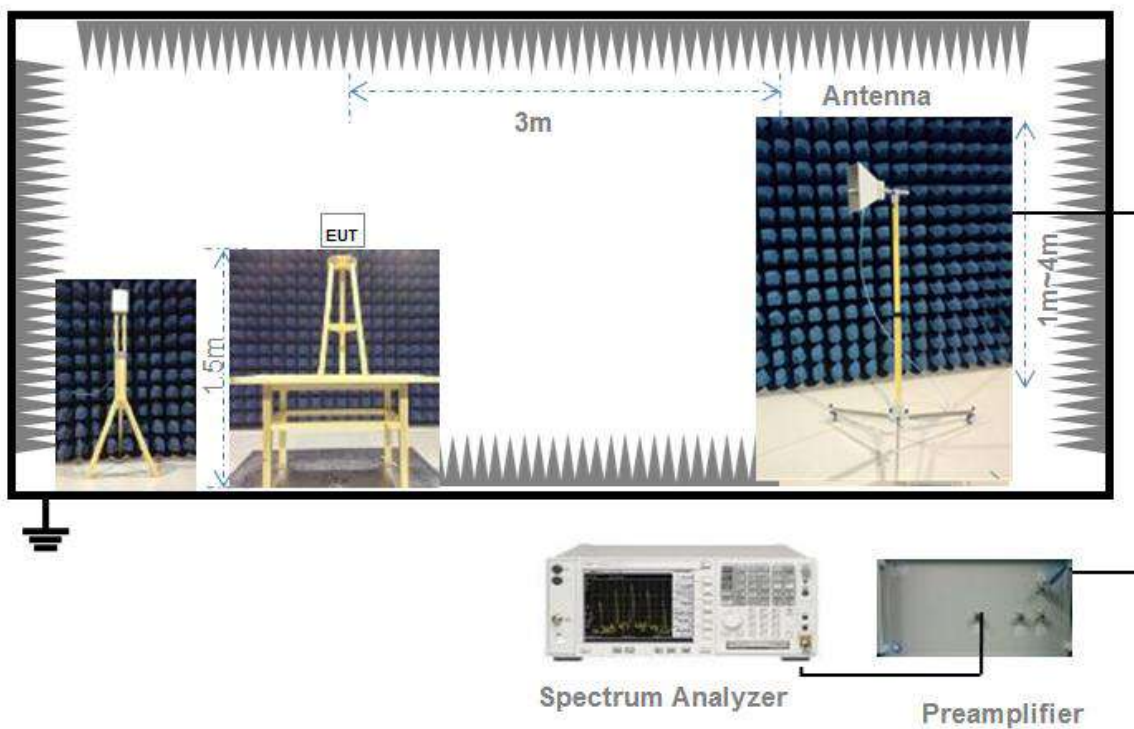


#### 4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

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



(Diagram 5)

## 5 TEST ITEMS

### 5.1 RF Output Power

#### 5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

RSS-247, 6.2

The maximum conducted output power shall not exceed:

| Frequency Band (MHz)                                   | Limit                                          |
|--------------------------------------------------------|------------------------------------------------|
| 5150-5250                                              | N/A                                            |
| 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 99% emissions bandwidth in MHz. |                                                |

The maximum e.i.r.p. shall not exceed:

| Frequency Band (MHz)                                       | Limit                                          |
|------------------------------------------------------------|------------------------------------------------|
| 5150-5250                                                  | 200 mW or 10 dBm + 10log B, whichever is less. |
| 5250-5350                                                  | 1W or 17 dBm + 10log B, whichever is less.     |
| 5470-5725                                                  | 1W or 17 dBm + 10log B, whichever is less.     |
| 5725-5850                                                  | N/A                                            |
| Note1: Where “B” is the 99% emissions bandwidth in MHz.    |                                                |
| Note2: EIRP= maximum conducted output power+ Antenna Gain. |                                                |

#### 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  $RBW \geq OBW$  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), RSS-247, 6.2

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 |

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

The e.i.r.p. spectral density should not exceed:

| Frequency Band (MHz)                                                     | Limit      |
|--------------------------------------------------------------------------|------------|
| 5150-5250                                                                | 10 dBm/MHz |
| 5250-5350                                                                | N/A        |
| 5470-5725                                                                | N/A        |
| 5725-5850                                                                | N/A        |
| e.i.r.p. spectral density= maximum power spectral density+ Antenna Gain. |            |

### 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, RSS-GEN, 8.8

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)

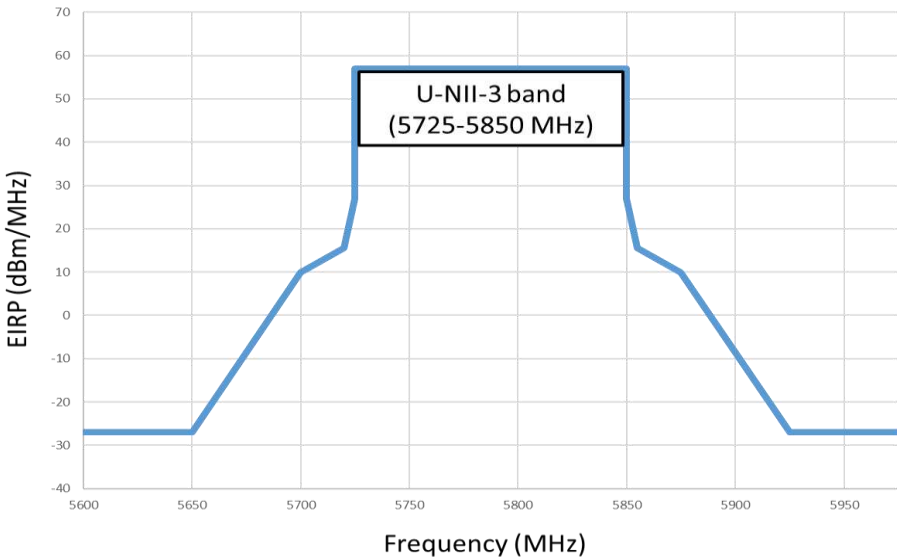
### 5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

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

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

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

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

### 5.5.2 Test Setup

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

### 5.5.3 Test Procedure

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

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

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

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

#### Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

#### Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

#### Determining the applicable transmit antenna gain

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

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

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

#### Radiated spurious emission test

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

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



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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

#### 5.5.4 Test Result

Please refer to ANNEX A.6.

## ANNEX A TEST RESULT

### A.1 RF Output Power

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

#### Duty Cycle

| Test Mode               | On Time (ms) | On+Off time (ms) | Duty Cycle | Duty Factor |
|-------------------------|--------------|------------------|------------|-------------|
| 11a                     | 1.39         | 1.44             | 96.80%     | 0.14        |
| 11n (HT20)/11ac (VHT20) | 1.31         | 1.36             | 96.75%     | 0.14        |
| 11n (HT40)/11ac (VHT40) | 0.65         | 0.70             | 93.54%     | 0.29        |
| 11ac (VHT80)            | 0.32         | 0.37             | 87.83%     | 0.56        |

#### Test Data

#### Conducted Power

| U-NII-1 (5150 - 5250 MHz) |         |                       |                      |                |         |
|---------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                      | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                       | CH36    | 10.67                 | 11.67                | 250            | Pass    |
| 11a                       | CH44    | 10.47                 | 11.14                | 250            | Pass    |
| 11a                       | CH48    | 10.70                 | 11.75                | 250            | Pass    |
| 11n (HT20)                | CH36    | 9.97                  | 9.93                 | 250            | Pass    |
| 11n (HT20)                | CH44    | 9.96                  | 9.91                 | 250            | Pass    |
| 11n (HT20)                | CH48    | 10.07                 | 10.16                | 250            | Pass    |
| 11n (HT40)                | CH38    | 9.28                  | 8.47                 | 250            | Pass    |
| 11n (HT40)                | CH46    | 9.32                  | 8.55                 | 250            | Pass    |
| 11ac (VHT20)              | CH36    | 8.45                  | 7.00                 | 250            | Pass    |
| 11ac (VHT20)              | CH44    | 8.27                  | 6.71                 | 250            | Pass    |
| 11ac (VHT20)              | CH48    | 8.32                  | 6.79                 | 250            | Pass    |
| 11ac (VHT40)              | CH38    | 8.23                  | 6.65                 | 250            | Pass    |
| 11ac (VHT40)              | CH46    | 8.22                  | 6.64                 | 250            | Pass    |
| 11ac (VHT80)              | CH42    | 8.49                  | 7.06                 | 250            | Pass    |

| U-NII-2A (5250 - 5350 MHz) |         |                       |                      |                |         |
|----------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                       | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                        | CH52    | 11.53                 | 14.22                | 208            | Pass    |
| 11a                        | CH60    | 11.68                 | 14.72                | 208            | Pass    |
| 11a                        | CH64    | 11.66                 | 14.66                | 208            | Pass    |
| 11n (HT20)                 | CH52    | 10.28                 | 10.67                | 222            | Pass    |
| 11n (HT20)                 | CH60    | 10.49                 | 11.19                | 221            | Pass    |
| 11n (HT20)                 | CH64    | 10.53                 | 11.30                | 221            | Pass    |
| 11n (HT40)                 | CH54    | 10.48                 | 11.17                | 250            | Pass    |
| 11n (HT40)                 | CH62    | 10.38                 | 10.91                | 250            | Pass    |
| 11ac (VHT20)               | CH52    | 9.73                  | 9.40                 | 221            | Pass    |
| 11ac (VHT20)               | CH60    | 9.60                  | 9.12                 | 221            | Pass    |
| 11ac (VHT20)               | CH64    | 9.43                  | 8.77                 | 221            | Pass    |
| 11ac (VHT40)               | CH54    | 9.59                  | 9.10                 | 250            | Pass    |
| 11ac (VHT40)               | CH62    | 9.51                  | 8.93                 | 250            | Pass    |
| 11ac (VHT80)               | CH58    | 9.77                  | 9.48                 | 250            | Pass    |

| U-NII-2C (5470 - 5725 MHz) |         |                       |                      |                |         |
|----------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                       | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                        | CH100   | 12.21                 | 16.63                | 209            | Pass    |
| 11a                        | CH116   | 12.22                 | 16.67                | 211            | Pass    |
| 11a                        | CH140   | 12.16                 | 16.44                | 218            | Pass    |
| 11n (HT20)                 | CH100   | 11.54                 | 14.26                | 222            | Pass    |
| 11n (HT20)                 | CH116   | 11.73                 | 14.89                | 224            | Pass    |
| 11n (HT20)                 | CH140   | 9.87                  | 9.71                 | 227            | Pass    |
| 11n (HT40)                 | CH102   | 9.43                  | 8.77                 | 250            | Pass    |
| 11n (HT40)                 | CH118   | 11.41                 | 13.84                | 250            | Pass    |
| 11n (HT40)                 | CH134   | 11.64                 | 14.59                | 250            | Pass    |
| 11ac (VHT20)               | CH100   | 9.34                  | 8.59                 | 222            | Pass    |
| 11ac (VHT20)               | CH116   | 9.73                  | 9.40                 | 222            | Pass    |
| 11ac (VHT20)               | CH140   | 9.93                  | 9.84                 | 223            | Pass    |
| 11ac (VHT40)               | CH102   | 9.93                  | 9.84                 | 250            | Pass    |
| 11ac (VHT40)               | CH118   | 10.45                 | 11.09                | 250            | Pass    |
| 11ac (VHT40)               | CH134   | 10.72                 | 11.80                | 250            | Pass    |
| 11ac (VHT80)               | CH106   | 7.80                  | 6.03                 | 250            | Pass    |
| 11ac (VHT80)               | CH122   | 10.52                 | 11.27                | 250            | Pass    |

| U-NII-3 (5725 - 5850 MHz) |         |                       |                      |                |         |
|---------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                      | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                       | CH149   | 12.24                 | 16.75                | 1000           | Pass    |
| 11a                       | CH157   | 12.46                 | 17.62                | 1000           | Pass    |
| 11a                       | CH165   | 12.53                 | 17.91                | 1000           | Pass    |
| 11n (HT20)                | CH149   | 10.76                 | 11.91                | 1000           | Pass    |
| 11n (HT20)                | CH157   | 10.89                 | 12.27                | 1000           | Pass    |
| 11n (HT20)                | CH165   | 10.98                 | 12.53                | 1000           | Pass    |
| 11n (HT40)                | CH151   | 10.51                 | 11.25                | 1000           | Pass    |
| 11n (HT40)                | CH159   | 10.48                 | 11.17                | 1000           | Pass    |
| 11ac (VHT20)              | CH149   | 9.85                  | 9.66                 | 1000           | Pass    |
| 11ac (VHT20)              | CH157   | 9.70                  | 9.33                 | 1000           | Pass    |
| 11ac (VHT20)              | CH165   | 9.60                  | 9.12                 | 1000           | Pass    |
| 11ac (VHT40)              | CH151   | 9.67                  | 9.27                 | 1000           | Pass    |
| 11ac (VHT40)              | CH159   | 9.62                  | 9.16                 | 1000           | Pass    |
| 11ac (VHT80)              | CH155   | 9.61                  | 9.14                 | 1000           | Pass    |

E.I.R.P

| U-NII-1 (5150 - 5250 MHz) |         |               |              |                    |         |
|---------------------------|---------|---------------|--------------|--------------------|---------|
| Mode                      | Channel | E.I.R.P (dBm) | E.I.R.P (mW) | E.I.R.P Limit (mW) | Verdict |
| 11a                       | CH36    | 10.69         | 11.72        | 165                | Pass    |
| 11a                       | CH44    | 10.49         | 11.19        | 165                | Pass    |
| 11a                       | CH48    | 10.72         | 11.80        | 165                | Pass    |
| 11n (HT20)                | CH36    | 9.99          | 9.98         | 176                | Pass    |
| 11n (HT20)                | CH44    | 9.98          | 9.95         | 176                | Pass    |
| 11n (HT20)                | CH48    | 10.09         | 10.21        | 176                | Pass    |
| 11n (HT40)                | CH38    | 9.30          | 8.51         | 200                | Pass    |
| 11n (HT40)                | CH46    | 9.34          | 8.59         | 200                | Pass    |
| 11ac (VHT20)              | CH36    | 8.47          | 7.03         | 176                | Pass    |
| 11ac (VHT20)              | CH44    | 8.29          | 6.75         | 176                | Pass    |
| 11ac (HVT20)              | CH48    | 8.34          | 6.82         | 176                | Pass    |
| 11ac (VHT40)              | CH38    | 8.25          | 6.68         | 200                | Pass    |
| 11ac (VHT40)              | CH46    | 8.24          | 6.67         | 200                | Pass    |
| 11ac (VHT80)              | CH42    | 8.51          | 7.10         | 200                | Pass    |

| U-NII-2A (5250 - 5350 MHz) |         |               |              |                    |         |
|----------------------------|---------|---------------|--------------|--------------------|---------|
| Mode                       | Channel | E.I.R.P (dBm) | E.I.R.P (mW) | E.I.R.P Limit (mW) | Verdict |
| 11a                        | CH52    | 11.55         | 14.29        | 831                | Pass    |
| 11a                        | CH60    | 11.70         | 14.79        | 827                | Pass    |
| 11a                        | CH64    | 11.68         | 14.72        | 828                | Pass    |
| 11n (HT20)                 | CH52    | 10.30         | 10.72        | 884                | Pass    |
| 11n (HT20)                 | CH60    | 10.51         | 11.25        | 881                | Pass    |
| 11n (HT20)                 | CH64    | 10.55         | 11.35        | 882                | Pass    |
| 11n (HT40)                 | CH54    | 10.50         | 11.22        | 1000               | Pass    |
| 11n (HT40)                 | CH62    | 10.40         | 10.96        | 1000               | Pass    |
| 11ac (VHT20)               | CH52    | 9.75          | 9.44         | 882                | Pass    |
| 11ac (VHT20)               | CH60    | 9.62          | 9.16         | 882                | Pass    |
| 11ac (HVT20)               | CH64    | 9.45          | 8.81         | 882                | Pass    |
| 11ac (VHT40)               | CH54    | 9.61          | 9.14         | 1000               | Pass    |
| 11ac (VHT40)               | CH62    | 9.53          | 8.97         | 1000               | Pass    |
| 11ac (VHT80)               | CH58    | 9.79          | 9.53         | 1000               | Pass    |

| U-NII-2C (5470 - 5725 MHz) |         |               |              |                    |         |
|----------------------------|---------|---------------|--------------|--------------------|---------|
| Mode                       | Channel | E.I.R.P (dBm) | E.I.R.P (mW) | E.I.R.P Limit (mW) | Verdict |
| 11a                        | CH100   | 12.23         | 16.71        | 833                | Pass    |
| 11a                        | CH116   | 12.24         | 16.75        | 840                | Pass    |
| 11a                        | CH140   | 12.18         | 16.52        | 870                | Pass    |
| 11n (HT20)                 | CH100   | 11.56         | 14.32        | 886                | Pass    |
| 11n (HT20)                 | CH116   | 11.75         | 14.96        | 890                | Pass    |
| 11n (HT20)                 | CH140   | 9.89          | 9.75         | 899                | Pass    |
| 11n (HT40)                 | CH102   | 9.45          | 8.81         | 1000               | Pass    |
| 11n (HT40)                 | CH118   | 11.43         | 13.90        | 1000               | Pass    |
| 11n (HT40)                 | CH134   | 11.66         | 14.66        | 1000               | Pass    |
| 11ac (VHT20)               | CH100   | 9.36          | 8.63         | 883                | Pass    |
| 11ac (VHT20)               | CH116   | 9.75          | 9.44         | 884                | Pass    |
| 11ac (VHT20)               | CH140   | 9.95          | 9.89         | 888                | Pass    |
| 11ac (VHT40)               | CH102   | 9.95          | 9.89         | 1000               | Pass    |
| 11ac (VHT40)               | CH118   | 10.47         | 11.14        | 1000               | Pass    |
| 11ac (VHT40)               | CH134   | 10.74         | 11.86        | 1000               | Pass    |
| 11ac (VHT80)               | CH106   | 7.82          | 6.05         | 1000               | Pass    |
| 11ac (VHT80)               | CH122   | 10.54         | 11.32        | 1000               | Pass    |

| U-NII-3 (5725 - 5850 MHz) |         |               |              |         |
|---------------------------|---------|---------------|--------------|---------|
| Mode                      | Channel | E.I.R.P (dBm) | E.I.R.P (mW) | Verdict |
| 11a                       | CH149   | 12.26         | 16.83        | Pass    |
| 11a                       | CH157   | 12.48         | 17.70        | Pass    |
| 11a                       | CH165   | 12.55         | 17.99        | Pass    |
| 11n (HT20)                | CH149   | 10.78         | 11.97        | Pass    |
| 11n (HT20)                | CH157   | 10.91         | 12.33        | Pass    |
| 11n (HT20)                | CH165   | 11.00         | 12.59        | Pass    |
| 11n (HT40)                | CH151   | 10.53         | 11.30        | Pass    |
| 11n (HT40)                | CH159   | 10.50         | 11.22        | Pass    |
| 11ac (VHT20)              | CH149   | 9.87          | 9.71         | Pass    |
| 11ac (VHT20)              | CH157   | 9.72          | 9.38         | Pass    |
| 11ac (VHT20)              | CH165   | 9.62          | 9.16         | Pass    |
| 11ac (VHT40)              | CH151   | 9.69          | 9.31         | Pass    |
| 11ac (VHT40)              | CH159   | 9.64          | 9.20         | Pass    |
| 11ac (VHT80)              | CH155   | 9.63          | 9.18         | Pass    |

## A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ24C0923-604 Data Part 1.pdf".

### Test Data

| U-NII-1 (5150 - 5250 MHz) |         |                       |                     |
|---------------------------|---------|-----------------------|---------------------|
| Mode                      | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                       | CH36    | 19.99                 | 16.50               |
| 11a                       | CH44    | 20.11                 | 16.51               |
| 11a                       | CH48    | 20.11                 | 16.51               |
| 11n (HT20)                | CH36    | 20.42                 | 17.60               |
| 11n (HT20)                | CH44    | 20.36                 | 17.59               |
| 11n (HT20)                | CH48    | 20.38                 | 17.59               |
| 11n (HT40)                | CH38    | 35.99                 | 36.12               |
| 11n (HT40)                | CH46    | 41.04                 | 36.14               |
| 11ac (VHT20)              | CH36    | 20.37                 | 17.61               |
| 11ac (VHT20)              | CH44    | 20.35                 | 17.62               |
| 11ac (VHT20)              | CH48    | 20.33                 | 17.60               |
| 11ac (VHT40)              | CH38    | 40.57                 | 36.13               |
| 11ac (VHT40)              | CH46    | 40.61                 | 36.14               |
| 11ac (VHT80)              | CH42    | 81.09                 | 75.70               |

| U-NII-2A (5250 - 5350 MHz) |         |                       |                     |
|----------------------------|---------|-----------------------|---------------------|
| Mode                       | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                        | CH52    | 20.34                 | 16.59               |
| 11a                        | CH60    | 20.06                 | 16.50               |
| 11a                        | CH64    | 20.09                 | 16.52               |
| 11n (HT20)                 | CH52    | 20.41                 | 17.63               |
| 11n (HT20)                 | CH60    | 20.36                 | 17.58               |
| 11n (HT20)                 | CH64    | 20.44                 | 17.59               |
| 11n (HT40)                 | CH54    | 40.58                 | 36.08               |
| 11n (HT40)                 | CH62    | 40.65                 | 36.12               |
| 11ac (VHT20)               | CH52    | 20.32                 | 17.60               |
| 11ac (VHT20)               | CH60    | 20.37                 | 17.60               |
| 11ac (VHT20)               | CH64    | 20.31                 | 17.60               |
| 11ac (VHT40)               | CH54    | 40.66                 | 36.10               |
| 11ac (VHT40)               | CH62    | 40.71                 | 36.11               |
| 11ac (VHT80)               | CH58    | 80.94                 | 75.55               |
| 11ax (HE80) (SU)           | CH58    | 20.34                 | 16.59               |

| U-NII-2C (5470 - 5725 MHz) |         |                       |                     |
|----------------------------|---------|-----------------------|---------------------|
| Mode                       | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                        | CH100   | 21.86                 | 16.62               |
| 11a                        | CH116   | 27.11                 | 16.75               |
| 11a                        | CH140   | 30.47                 | 17.36               |
| 11n (HT20)                 | CH100   | 20.55                 | 17.67               |
| 11n (HT20)                 | CH116   | 25.62                 | 17.76               |
| 11n (HT20)                 | CH140   | 30.54                 | 17.94               |
| 11n (HT40)                 | CH102   | 40.81                 | 36.26               |
| 11n (HT40)                 | CH118   | 46.29                 | 36.36               |
| 11n (HT40)                 | CH134   | 67.16                 | 36.58               |
| 11ac (VHT20)               | CH100   | 20.47                 | 17.62               |
| 11ac (VHT20)               | CH116   | 20.42                 | 17.64               |
| 11ac (VHT20)               | CH140   | 23.29                 | 17.71               |
| 11ac (VHT40)               | CH102   | 40.64                 | 36.11               |
| 11ac (VHT40)               | CH118   | 42.21                 | 36.12               |
| 11ac (VHT40)               | CH134   | 50.57                 | 36.24               |
| 11ac (VHT80)               | CH106   | 98.30                 | 75.62               |
| 11ac (VHT80)               | CH122   | 111.30                | 75.92               |

| U-NII-3 (5725 - 5850 MHz) |         |                       |                     |
|---------------------------|---------|-----------------------|---------------------|
| Mode                      | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                       | CH149   | 35.37                 | 19.07               |
| 11a                       | CH157   | 35.69                 | 19.31               |
| 11a                       | CH165   | 35.38                 | 18.97               |
| 11n (HT20)                | CH149   | 29.24                 | 17.97               |
| 11n (HT20)                | CH157   | 29.66                 | 17.98               |
| 11n (HT20)                | CH165   | 30.80                 | 17.93               |
| 11n (HT40)                | CH151   | 63.07                 | 36.57               |
| 11n (HT40)                | CH159   | 61.87                 | 36.57               |
| 11ac (VHT20)              | CH149   | 26.50                 | 17.82               |
| 11ac (VHT20)              | CH157   | 26.42                 | 17.80               |
| 11ac (VHT20)              | CH165   | 23.13                 | 17.76               |
| 11ac (VHT40)              | CH151   | 50.59                 | 36.34               |
| 11ac (VHT40)              | CH159   | 49.63                 | 36.32               |
| 11ac (VHT80)              | CH155   | 148.40                | 76.43               |



### A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ24C0923-604 Data Part 2.pdf".

#### Test Data

| U-NII-3 (5725 - 5850 MHz) |         |                      |             |         |
|---------------------------|---------|----------------------|-------------|---------|
| Mode                      | Channel | 6 dB Bandwidth (MHz) | Limit (kHz) | Verdict |
| 11a                       | CH149   | 15.30                | 500.00      | Pass    |
| 11a                       | CH157   | 15.30                | 500.00      | Pass    |
| 11a                       | CH165   | 15.30                | 500.00      | Pass    |
| 11n (HT20)                | CH149   | 15.30                | 500.00      | Pass    |
| 11n (HT20)                | CH157   | 15.30                | 500.00      | Pass    |
| 11n (HT20)                | CH165   | 15.30                | 500.00      | Pass    |
| 11n (HT40)                | CH151   | 35.30                | 500.00      | Pass    |
| 11n (HT40)                | CH159   | 35.30                | 500.00      | Pass    |
| 11ac (VHT20)              | CH149   | 15.30                | 500.00      | Pass    |
| 11ac (VHT20)              | CH157   | 15.30                | 500.00      | Pass    |
| 11ac (VHT20)              | CH165   | 15.30                | 500.00      | Pass    |
| 11ac (VHT40)              | CH151   | 35.30                | 500.00      | Pass    |
| 11ac (VHT40)              | CH159   | 35.30                | 500.00      | Pass    |
| 11ac (VHT80)              | CH155   | 75.30                | 500.00      | Pass    |

## A.4 Power Spectral Density

Note <sup>1</sup>: Test plots please refer to the document “Annex No.: BL-SZ24C0923-604 Data Part 3.pdf”.

### Test Data

| U-NII-1 (5150 - 5250 MHz) |         |               |                 |         |
|---------------------------|---------|---------------|-----------------|---------|
| Mode                      | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                       | CH36    | 0.08          | 11.00           | Pass    |
| 11a                       | CH44    | 0.09          | 11.00           | Pass    |
| 11a                       | CH48    | 0.05          | 11.00           | Pass    |
| 11n (HT20)                | CH36    | -0.59         | 11.00           | Pass    |
| 11n (HT20)                | CH44    | -0.73         | 11.00           | Pass    |
| 11n (HT20)                | CH48    | -0.76         | 11.00           | Pass    |
| 11n (HT40)                | CH38    | -4.23         | 11.00           | Pass    |
| 11n (HT40)                | CH46    | -4.25         | 11.00           | Pass    |
| 11ac (VHT20)              | CH36    | -2.33         | 11.00           | Pass    |
| 11ac (VHT20)              | CH44    | -2.41         | 11.00           | Pass    |
| 11ac (VHT20)              | CH48    | -2.39         | 11.00           | Pass    |
| 11ac (VHT40)              | CH38    | -5.22         | 11.00           | Pass    |
| 11ac (VHT40)              | CH46    | -5.24         | 11.00           | Pass    |
| 11ac (VHT80)              | CH42    | -8.44         | 11.00           | Pass    |

| U-NII-2A (5250 - 5350 MHz) |         |               |                 |         |
|----------------------------|---------|---------------|-----------------|---------|
| Mode                       | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                        | CH52    | 1.09          | 11.00           | Pass    |
| 11a                        | CH60    | 1.09          | 11.00           | Pass    |
| 11a                        | CH64    | 1.16          | 11.00           | Pass    |
| 11n (HT20)                 | CH52    | -0.48         | 11.00           | Pass    |
| 11n (HT20)                 | CH60    | -0.07         | 11.00           | Pass    |
| 11n (HT20)                 | CH64    | -0.27         | 11.00           | Pass    |
| 11n (HT40)                 | CH54    | -2.92         | 11.00           | Pass    |
| 11n (HT40)                 | CH62    | -3.04         | 11.00           | Pass    |
| 11ac (VHT20)               | CH52    | -0.97         | 11.00           | Pass    |
| 11ac (VHT20)               | CH60    | -1.20         | 11.00           | Pass    |
| 11ac (VHT20)               | CH64    | -1.32         | 11.00           | Pass    |
| 11ac (VHT40)               | CH54    | -4.06         | 11.00           | Pass    |
| 11ac (VHT40)               | CH62    | -4.18         | 11.00           | Pass    |
| 11ac (VHT80)               | CH58    | -7.08         | 11.00           | Pass    |

| U-NII-2C (5470 - 5725 MHz) |         |               |                 |         |
|----------------------------|---------|---------------|-----------------|---------|
| Mode                       | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                        | CH100   | 1.84          | 11.00           | Pass    |
| 11a                        | CH116   | 2.04          | 11.00           | Pass    |
| 11a                        | CH140   | 1.73          | 11.00           | Pass    |
| 11n (HT20)                 | CH100   | 0.93          | 11.00           | Pass    |
| 11n (HT20)                 | CH116   | 1.26          | 11.00           | Pass    |
| 11n (HT20)                 | CH140   | -0.70         | 11.00           | Pass    |
| 11n (HT40)                 | CH102   | -4.11         | 11.00           | Pass    |
| 11n (HT40)                 | CH118   | -2.06         | 11.00           | Pass    |
| 11n (HT40)                 | CH134   | -1.86         | 11.00           | Pass    |
| 11ac (VHT20)               | CH100   | -1.18         | 11.00           | Pass    |
| 11ac (VHT20)               | CH116   | -0.75         | 11.00           | Pass    |
| 11ac (VHT20)               | CH140   | -0.81         | 11.00           | Pass    |
| 11ac (VHT40)               | CH102   | -3.32         | 11.00           | Pass    |
| 11ac (VHT40)               | CH118   | -2.94         | 11.00           | Pass    |
| 11ac (VHT40)               | CH134   | -2.97         | 11.00           | Pass    |
| 11ac (VHT80)               | CH106   | -8.81         | 11.00           | Pass    |
| 11ac (VHT80)               | CH122   | -6.15         | 11.00           | Pass    |

| U-NII-3 (5725 - 5850 MHz) |         |                  |                    |         |
|---------------------------|---------|------------------|--------------------|---------|
| Mode                      | Channel | PSD (dBm/500kHz) | Limit (dBm/500kHz) | Verdict |
| 11a                       | CH149   | -0.78            | 30.00              | Pass    |
| 11a                       | CH157   | -0.80            | 30.00              | Pass    |
| 11a                       | CH165   | -0.73            | 30.00              | Pass    |
| 11n (HT20)                | CH149   | -2.48            | 30.00              | Pass    |
| 11n (HT20)                | CH157   | -2.55            | 30.00              | Pass    |
| 11n (HT20)                | CH165   | -2.57            | 30.00              | Pass    |
| 11n (HT40)                | CH151   | -5.97            | 30.00              | Pass    |
| 11n (HT40)                | CH159   | -6.01            | 30.00              | Pass    |
| 11ac (VHT20)              | CH149   | -3.46            | 30.00              | Pass    |
| 11ac (VHT20)              | CH157   | -3.82            | 30.00              | Pass    |
| 11ac (VHT20)              | CH165   | -3.89            | 30.00              | Pass    |
| 11ac (VHT40)              | CH151   | -6.78            | 30.00              | Pass    |
| 11ac (VHT40)              | CH159   | -6.88            | 30.00              | Pass    |
| 11ac (VHT80)              | CH155   | -9.89            | 30.00              | Pass    |

E.I.R.P PSD

| U-NII-1 (5150 - 5250 MHz) |         |               |                         |         |
|---------------------------|---------|---------------|-------------------------|---------|
| Mode                      | Channel | PSD (dBm/MHz) | E.I.R.P Limit (dBm/MHz) | Verdict |
| 11a                       | CH36    | 0.10          | 10.00                   | Pass    |
| 11a                       | CH44    | 0.11          | 10.00                   | Pass    |
| 11a                       | CH48    | 0.07          | 10.00                   | Pass    |
| 11n (HT20)                | CH36    | -0.57         | 10.00                   | Pass    |
| 11n (HT20)                | CH44    | -0.71         | 10.00                   | Pass    |
| 11n (HT20)                | CH48    | -0.74         | 10.00                   | Pass    |
| 11n (HT40)                | CH38    | -4.21         | 10.00                   | Pass    |
| 11n (HT40)                | CH46    | -4.23         | 10.00                   | Pass    |
| 11ac (VHT20)              | CH36    | -2.31         | 10.00                   | Pass    |
| 11ac (VHT20)              | CH44    | -2.39         | 10.00                   | Pass    |
| 11ac (VHT20)              | CH48    | -2.37         | 10.00                   | Pass    |
| 11ac (VHT40)              | CH38    | -5.20         | 10.00                   | Pass    |
| 11ac (VHT40)              | CH46    | -5.22         | 10.00                   | Pass    |
| 11ac (VHT80)              | CH42    | -8.42         | 10.00                   | Pass    |

| U-NII-2A (5250 - 5350 MHz) |         |               |         |
|----------------------------|---------|---------------|---------|
| Mode                       | Channel | PSD (dBm/MHz) | Verdict |
| 11a                        | CH52    | 1.11          | Pass    |
| 11a                        | CH60    | 1.11          | Pass    |
| 11a                        | CH64    | 1.18          | Pass    |
| 11n (HT20)                 | CH52    | -0.46         | Pass    |
| 11n (HT20)                 | CH60    | -0.05         | Pass    |
| 11n (HT20)                 | CH64    | -0.25         | Pass    |
| 11n (HT40)                 | CH54    | -2.90         | Pass    |
| 11n (HT40)                 | CH62    | -3.02         | Pass    |
| 11ac (VHT20)               | CH52    | -0.95         | Pass    |
| 11ac (VHT20)               | CH60    | -1.18         | Pass    |
| 11ac (VHT20)               | CH64    | -1.30         | Pass    |
| 11ac (VHT40)               | CH54    | -4.04         | Pass    |
| 11ac (VHT40)               | CH62    | -4.16         | Pass    |
| 11ac (VHT80)               | CH58    | -7.06         | Pass    |

| U-NII-2C (5470 - 5725 MHz) |         |               |         |
|----------------------------|---------|---------------|---------|
| Mode                       | Channel | PSD (dBm/MHz) | Verdict |
| 11a                        | CH100   | 1.86          | Pass    |
| 11a                        | CH116   | 2.06          | Pass    |
| 11a                        | CH140   | 1.75          | Pass    |
| 11n (HT20)                 | CH100   | 0.95          | Pass    |
| 11n (HT20)                 | CH116   | 1.28          | Pass    |
| 11n (HT20)                 | CH140   | -0.68         | Pass    |
| 11n (HT40)                 | CH102   | -4.09         | Pass    |
| 11n (HT40)                 | CH118   | -2.04         | Pass    |
| 11n (HT40)                 | CH134   | -1.84         | Pass    |
| 11ac (VHT20)               | CH100   | -1.16         | Pass    |
| 11ac (VHT20)               | CH116   | -0.73         | Pass    |
| 11ac (VHT20)               | CH140   | -0.79         | Pass    |
| 11ac (VHT40)               | CH102   | -3.30         | Pass    |
| 11ac (VHT40)               | CH118   | -2.92         | Pass    |
| 11ac (VHT40)               | CH134   | -2.95         | Pass    |
| 11ac (VHT80)               | CH106   | -8.79         | Pass    |
| 11ac (VHT80)               | CH122   | -6.13         | Pass    |

| U-NII-3 (5725 - 5850 MHz) |         |               |         |
|---------------------------|---------|---------------|---------|
| Mode                      | Channel | PSD (dBm/MHz) | Verdict |
| 11a                       | CH149   | -0.76         | Pass    |
| 11a                       | CH157   | -0.78         | Pass    |
| 11a                       | CH165   | -0.71         | Pass    |
| 11n (HT20)                | CH149   | -2.46         | Pass    |
| 11n (HT20)                | CH157   | -2.53         | Pass    |
| 11n (HT20)                | CH165   | -2.55         | Pass    |
| 11n (HT40)                | CH151   | -5.95         | Pass    |
| 11n (HT40)                | CH159   | -5.99         | Pass    |
| 11ac (VHT20)              | CH149   | -3.44         | Pass    |
| 11ac (VHT20)              | CH157   | -3.80         | Pass    |
| 11ac (VHT20)              | CH165   | -3.87         | Pass    |
| 11ac (VHT40)              | CH151   | -6.76         | Pass    |
| 11ac (VHT40)              | CH159   | -6.86         | Pass    |
| 11ac (VHT80)              | CH155   | -9.87         | Pass    |

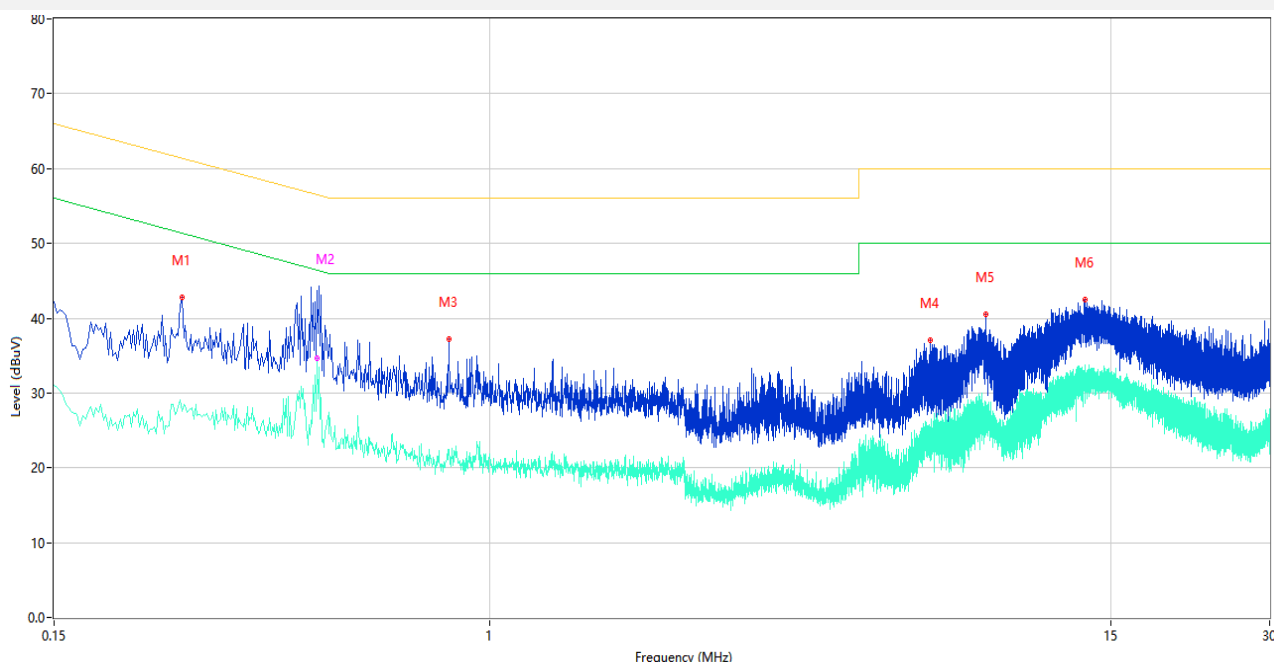
## A.5 Conducted Emissions

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

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

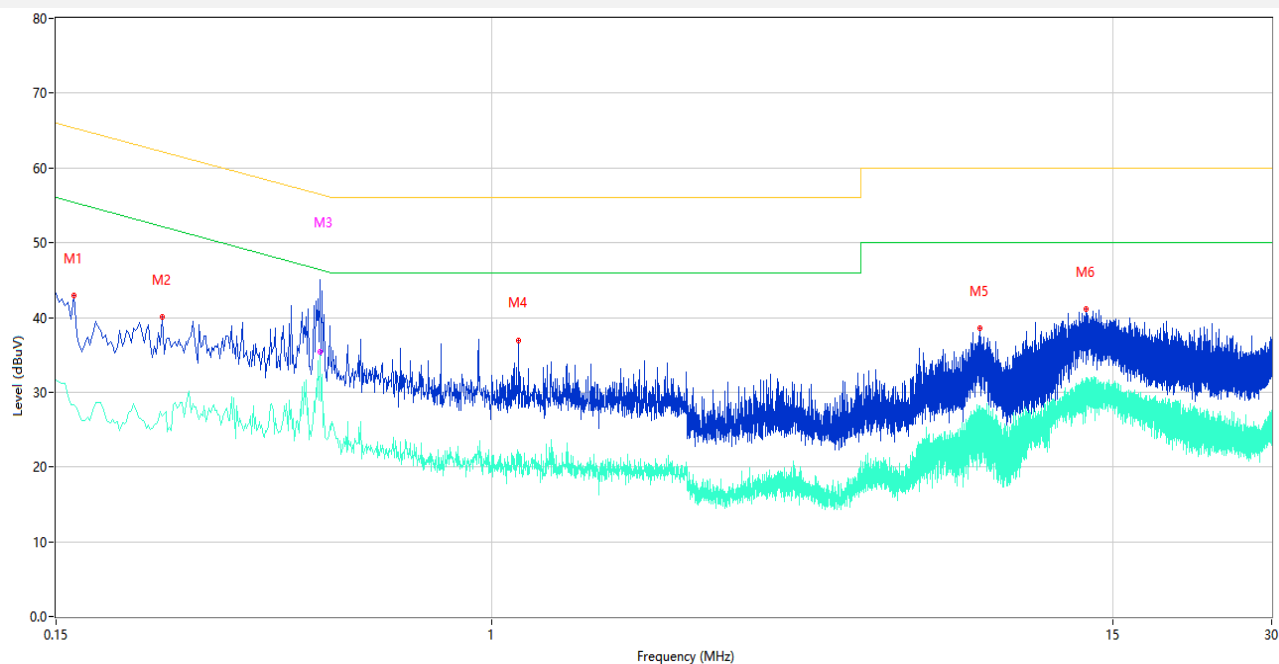
### Test Data and Plots

#### PHASE L



| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Margin (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-------------|----------|------|---------|
| 1   | 0.262           | 42.79          | 10.03       | 61.37        | 18.58       | Peak     | L    | Pass    |
| 1** | 0.262           | 27.58          | 10.03       | 51.37        | 23.79       | AV       | L    | Pass    |
| 2   | 0.472           | 43.69          | 10.44       | 56.48        | 12.79       | Peak     | L    | Pass    |
| 2** | 0.472           | 34.59          | 10.44       | 46.48        | 11.89       | AV       | L    | Pass    |
| 3   | 0.838           | 37.25          | 10.46       | 56.00        | 18.75       | Peak     | L    | Pass    |
| 3** | 0.838           | 22.49          | 10.46       | 46.00        | 23.51       | AV       | L    | Pass    |
| 4   | 6.822           | 37.04          | 11.43       | 60.00        | 22.96       | Peak     | L    | Pass    |
| 4** | 6.822           | 25.01          | 11.43       | 50.00        | 24.99       | AV       | L    | Pass    |
| 5   | 8.704           | 40.45          | 11.77       | 60.00        | 19.55       | Peak     | L    | Pass    |
| 5** | 8.704           | 25.84          | 11.77       | 50.00        | 24.16       | AV       | L    | Pass    |
| 6   | 13.414          | 42.45          | 13.27       | 60.00        | 17.55       | Peak     | L    | Pass    |
| 6** | 13.414          | 33.81          | 13.27       | 50.00        | 16.19       | AV       | L    | Pass    |

## PHASE N



| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Margin (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-------------|----------|------|---------|
| 1   | 0.162           | 42.89          | 10.09       | 65.36        | 22.47       | Peak     | N    | Pass    |
| 1** | 0.162           | 28.30          | 10.09       | 55.36        | 27.06       | AV       | N    | Pass    |
| 2   | 0.238           | 40.07          | 10.03       | 62.17        | 22.10       | Peak     | N    | Pass    |
| 2** | 0.238           | 26.88          | 10.03       | 52.17        | 25.29       | AV       | N    | Pass    |
| 3   | 0.474           | 45.01          | 10.43       | 56.44        | 11.43       | Peak     | N    | Pass    |
| 3** | 0.474           | 35.36          | 10.43       | 46.44        | 11.08       | AV       | N    | Pass    |
| 4   | 1.126           | 36.99          | 10.42       | 56.00        | 19.01       | Peak     | N    | Pass    |
| 4** | 1.126           | 21.92          | 10.42       | 46.00        | 24.08       | AV       | N    | Pass    |
| 5   | 8.428           | 38.50          | 11.86       | 60.00        | 21.50       | Peak     | N    | Pass    |
| 5** | 8.428           | 28.20          | 11.86       | 50.00        | 21.80       | AV       | N    | Pass    |
| 6   | 13.372          | 41.17          | 13.22       | 60.00        | 18.83       | Peak     | N    | Pass    |
| 6** | 13.372          | 29.69          | 13.22       | 50.00        | 20.31       | AV       | N    | Pass    |

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

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

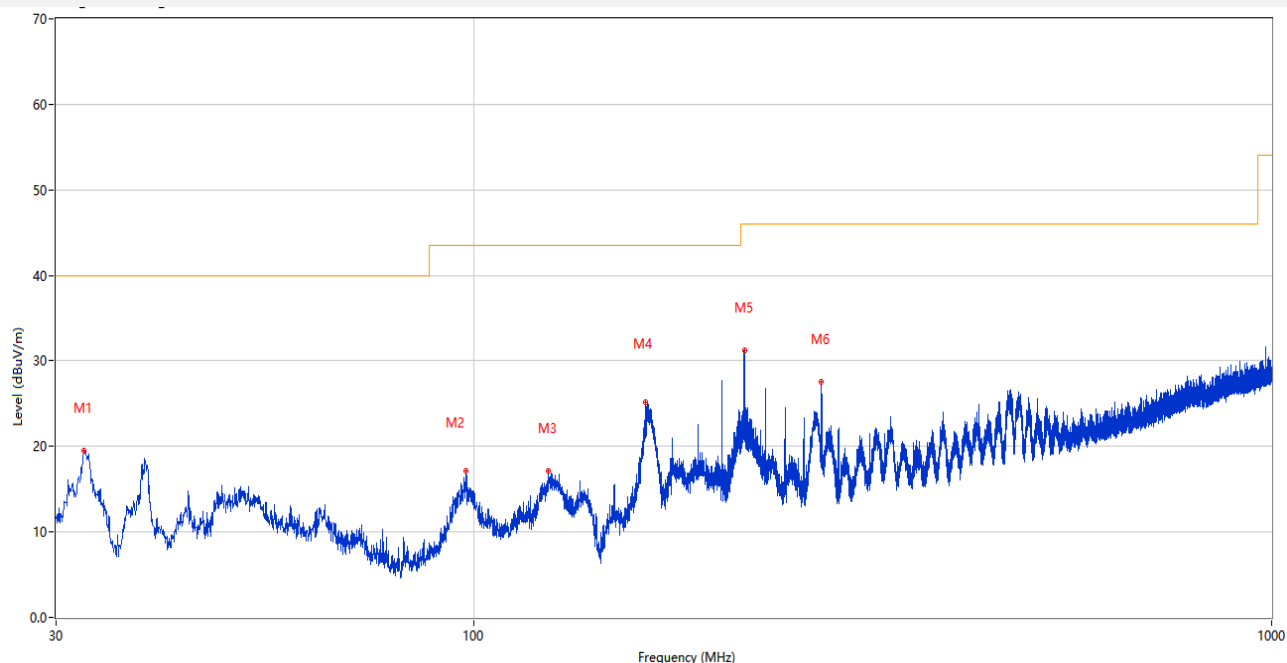
Note<sup>2</sup>: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

### Test Data and Plots

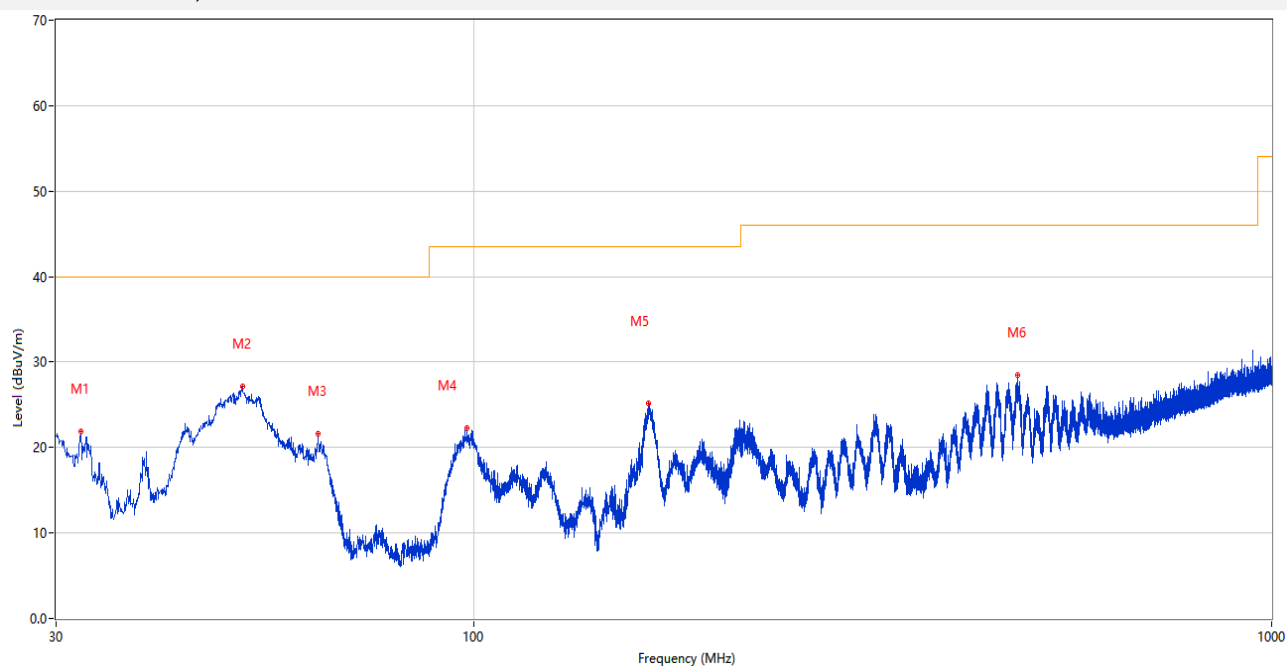
30 MHz to 1 GHz, ANT H



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 32.474          | 19.51            | -28.69      | 40.0           | 20.49       | Peak     | 15.00          | 100         | Horizontal | Pass    |
| 2   | 97.852          | 17.17            | -26.90      | 43.5           | 26.33       | Peak     | 235.00         | 200         | Horizontal | Pass    |
| 3   | 123.993         | 17.11            | -29.19      | 43.5           | 26.39       | Peak     | 318.00         | 200         | Horizontal | Pass    |
| 4   | 164.442         | 25.24            | -29.37      | 43.5           | 18.26       | Peak     | 55.00          | 200         | Horizontal | Pass    |
| 5   | 218.422         | 31.30            | -26.19      | 46.0           | 14.70       | Peak     | 98.00          | 100         | Horizontal | Pass    |
| 6   | 272.985         | 27.50            | -24.51      | 46.0           | 18.50       | Peak     | 98.00          | 100         | Horizontal | Pass    |



## 30 MHz to 1 GHz, ANT V



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 32.182          | 21.94            | -29.27      | 40.0           | 18.06       | Peak     | 218.00         | 100         | Vertical | Pass    |
| 2   | 51.340          | 27.15            | -24.03      | 40.0           | 12.85       | Peak     | 200.00         | 100         | Vertical | Pass    |
| 3   | 63.853          | 21.59            | -26.88      | 40.0           | 18.41       | Peak     | 136.00         | 100         | Vertical | Pass    |
| 4   | 98.143          | 22.24            | -26.84      | 43.5           | 21.26       | Peak     | 345.00         | 100         | Vertical | Pass    |
| 5   | 165.460         | 25.18            | -29.34      | 43.5           | 18.32       | Peak     | 48.00          | 100         | Vertical | Pass    |
| 6   | 481.147         | 28.41            | -19.22      | 46.0           | 17.59       | Peak     | 42.00          | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1338.800        | 38.75            | -17.44      | 74.0           | 35.25           | Peak     | 301.00         | 300         | Horizontal | Pass    |
| 1** | 1338.800        | 29.29            | -17.44      | 54.0           | 24.71           | AV       | 301.00         | 300         | Horizontal | Pass    |
| 2   | 2813.000        | 44.53            | -10.56      | 74.0           | 29.47           | Peak     | 163.00         | 200         | Horizontal | Pass    |
| 2** | 2813.000        | 34.60            | -10.56      | 54.0           | 19.40           | AV       | 163.00         | 200         | Horizontal | Pass    |
| 3   | 4317.200        | 48.89            | -4.75       | 74.0           | 25.11           | Peak     | 122.00         | 150         | Horizontal | Pass    |
| 3** | 4317.200        | 39.77            | -4.75       | 54.0           | 14.23           | AV       | 122.00         | 150         | Horizontal | Pass    |
| 4   | 5181.400        | 101.33           | -3.14       | --             | --              | Peak     | 138.00         | 300         | Horizontal | N/A     |
| 4** | 5181.400        | 94.14            | -3.14       | --             | --              | AV       | 138.00         | 300         | Horizontal | N/A     |
| 5   | 7428.087        | 48.59            | -2.29       | 74.0           | 25.41           | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 5** | 7428.087        | 39.77            | -2.29       | 54.0           | 14.23           | AV       | 360.00         | 100         | Horizontal | Pass    |
| 6   | 11701.200       | 51.46            | 1.45        | 74.0           | 22.54           | Peak     | 264.00         | 100         | Horizontal | Pass    |
| 6** | 11701.200       | 41.56            | 1.45        | 54.0           | 12.44           | AV       | 264.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1417.500        | 38.79            | -17.26      | 74.0           | 35.21           | Peak     | 350.00         | 100         | Vertical | Pass    |
| 1** | 1417.500        | 29.14            | -17.26      | 54.0           | 24.86           | AV       | 350.00         | 100         | Vertical | Pass    |
| 2   | 2755.700        | 44.21            | -10.61      | 74.0           | 29.79           | Peak     | 1.00           | 100         | Vertical | Pass    |
| 2** | 2755.700        | 35.11            | -10.61      | 54.0           | 18.89           | AV       | 1.00           | 100         | Vertical | Pass    |
| 3   | 4285.600        | 49.08            | -4.67       | 74.0           | 24.92           | Peak     | 234.00         | 100         | Vertical | Pass    |
| 3** | 4285.600        | 40.32            | -4.67       | 54.0           | 13.68           | AV       | 234.00         | 100         | Vertical | Pass    |
| 4   | 5178.400        | 99.37            | -3.15       | --             | --              | Peak     | 138.00         | 400         | Vertical | N/A     |
| 4** | 5178.400        | 92.44            | -3.15       | --             | --              | AV       | 138.00         | 400         | Vertical | N/A     |
| 5   | 7435.562        | 48.31            | -2.59       | 74.0           | 25.69           | Peak     | 191.00         | 100         | Vertical | Pass    |
| 5** | 7435.562        | 38.16            | -2.59       | 54.0           | 15.84           | AV       | 191.00         | 100         | Vertical | Pass    |
| 6   | 12288.562       | 51.32            | 2.27        | 74.0           | 22.68           | Peak     | 0.00           | 200         | Vertical | Pass    |
| 6** | 12288.562       | 41.70            | 2.27        | 54.0           | 12.30           | AV       | 0.00           | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1341.400        | 38.56            | -17.57      | 74.0           | 35.44           | Peak     | 284.00         | 400         | Horizontal | Pass    |
| 1** | 1341.400        | 29.42            | -17.57      | 54.0           | 24.58           | AV       | 284.00         | 400         | Horizontal | Pass    |
| 2   | 2737.600        | 44.62            | -10.42      | 74.0           | 29.38           | Peak     | 2.00           | 400         | Horizontal | Pass    |
| 2** | 2737.600        | 34.81            | -10.42      | 54.0           | 19.19           | AV       | 2.00           | 400         | Horizontal | Pass    |
| 3   | 4324.600        | 49.05            | -4.76       | 74.0           | 24.95           | Peak     | 359.00         | 150         | Horizontal | Pass    |
| 3** | 4324.600        | 40.03            | -4.76       | 54.0           | 13.97           | AV       | 359.00         | 150         | Horizontal | Pass    |
| 4   | 5221.600        | 101.47           | -3.33       | --             | --              | Peak     | 142.00         | 400         | Horizontal | N/A     |
| 4** | 5221.600        | 94.10            | -3.33       | --             | --              | AV       | 142.00         | 400         | Horizontal | N/A     |
| 5   | 7363.112        | 48.23            | -2.85       | 74.0           | 25.77           | Peak     | 127.00         | 100         | Horizontal | Pass    |
| 5** | 7363.112        | 38.69            | -2.85       | 54.0           | 15.31           | AV       | 127.00         | 100         | Horizontal | Pass    |
| 6   | 12281.662       | 51.91            | 2.23        | 74.0           | 22.09           | Peak     | 182.00         | 100         | Horizontal | Pass    |
| 6** | 12281.662       | 43.54            | 2.23        | 54.0           | 10.46           | AV       | 182.00         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1361.100        | 38.67            | -17.32      | 74.0           | 35.33           | Peak     | 56.00          | 400         | Vertical | Pass    |
| 1** | 1361.100        | 28.80            | -17.32      | 54.0           | 25.20           | AV       | 56.00          | 400         | Vertical | Pass    |
| 2   | 2874.000        | 44.35            | -10.45      | 74.0           | 29.65           | Peak     | 29.00          | 300         | Vertical | Pass    |
| 2** | 2874.000        | 34.95            | -10.45      | 54.0           | 19.05           | AV       | 29.00          | 300         | Vertical | Pass    |
| 3   | 4235.000        | 49.39            | -4.82       | 74.0           | 24.61           | Peak     | 150.00         | 100         | Vertical | Pass    |
| 3** | 4235.000        | 38.99            | -4.82       | 54.0           | 15.01           | AV       | 150.00         | 100         | Vertical | Pass    |
| 4   | 5221.200        | 99.94            | -3.32       | --             | --              | Peak     | 183.00         | 300         | Vertical | N/A     |
| 4** | 5221.200        | 92.67            | -3.32       | --             | --              | AV       | 183.00         | 300         | Vertical | N/A     |
| 5   | 7549.125        | 48.12            | -2.31       | 74.0           | 25.88           | Peak     | 140.00         | 100         | Vertical | Pass    |
| 5** | 7549.125        | 38.62            | -2.31       | 54.0           | 15.38           | AV       | 140.00         | 100         | Vertical | Pass    |
| 6   | 12292.875       | 51.87            | 2.29        | 74.0           | 22.13           | Peak     | 173.00         | 300         | Vertical | Pass    |
| 6** | 12292.875       | 41.44            | 2.29        | 54.0           | 12.56           | AV       | 173.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1467.900        | 38.92            | -17.42      | 74.0           | 35.08           | Peak     | 1.00           | 150         | Horizontal | Pass    |
| 1** | 1467.900        | 28.95            | -17.42      | 54.0           | 25.05           | AV       | 1.00           | 150         | Horizontal | Pass    |
| 2   | 2825.200        | 45.16            | -10.24      | 74.0           | 28.84           | Peak     | 143.00         | 200         | Horizontal | Pass    |
| 2** | 2825.200        | 35.43            | -10.24      | 54.0           | 18.57           | AV       | 143.00         | 200         | Horizontal | Pass    |
| 3   | 4265.000        | 49.20            | -4.54       | 74.0           | 24.80           | Peak     | 359.00         | 100         | Horizontal | Pass    |
| 3** | 4265.000        | 39.90            | -4.54       | 54.0           | 14.10           | AV       | 359.00         | 100         | Horizontal | Pass    |
| 4   | 5242.000        | 101.40           | -3.52       | --             | --              | Peak     | 143.00         | 200         | Horizontal | N/A     |
| 4** | 5242.000        | 94.11            | -3.52       | --             | --              | AV       | 143.00         | 200         | Horizontal | N/A     |
| 5   | 7488.175        | 48.31            | -2.49       | 74.0           | 25.69           | Peak     | 212.00         | 100         | Horizontal | Pass    |
| 5** | 7488.175        | 37.90            | -2.49       | 54.0           | 16.10           | AV       | 212.00         | 100         | Horizontal | Pass    |
| 6   | 11689.987       | 51.33            | 1.70        | 74.0           | 22.67           | Peak     | 159.00         | 100         | Horizontal | Pass    |
| 6** | 11689.987       | 41.92            | 1.70        | 54.0           | 12.08           | AV       | 159.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1348.900        | 38.81            | -17.36      | 74.0           | 35.19           | Peak     | 360.00         | 300         | Vertical | Pass    |
| 1** | 1348.900        | 28.91            | -17.36      | 54.0           | 25.09           | AV       | 360.00         | 300         | Vertical | Pass    |
| 2   | 2736.200        | 44.43            | -10.39      | 74.0           | 29.57           | Peak     | 54.00          | 200         | Vertical | Pass    |
| 2** | 2736.200        | 35.08            | -10.39      | 54.0           | 18.92           | AV       | 54.00          | 200         | Vertical | Pass    |
| 3   | 4280.600        | 48.78            | -4.55       | 74.0           | 25.22           | Peak     | 277.00         | 100         | Vertical | Pass    |
| 3** | 4280.600        | 40.14            | -4.55       | 54.0           | 13.86           | AV       | 277.00         | 100         | Vertical | Pass    |
| 4   | 5241.000        | 99.59            | -3.51       | --             | --              | Peak     | 310.00         | 200         | Vertical | N/A     |
| 4** | 5241.000        | 92.15            | -3.51       | --             | --              | AV       | 310.00         | 200         | Vertical | N/A     |
| 5   | 7421.475        | 48.40            | -2.27       | 74.0           | 25.60           | Peak     | 302.00         | 200         | Vertical | Pass    |
| 5** | 7421.475        | 38.79            | -2.27       | 54.0           | 15.21           | AV       | 302.00         | 200         | Vertical | Pass    |
| 6   | 12178.737       | 51.43            | 2.61        | 74.0           | 22.57           | Peak     | 215.00         | 100         | Vertical | Pass    |
| 6** | 12178.737       | 42.00            | 2.61        | 54.0           | 12.00           | AV       | 215.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1328.500        | 38.16            | -17.42      | 74.0           | 35.84           | Peak     | 220.00         | 300         | Horizontal | Pass    |
| 1** | 1328.500        | 29.20            | -17.42      | 54.0           | 24.80           | AV       | 220.00         | 300         | Horizontal | Pass    |
| 2   | 2863.400        | 45.18            | -10.24      | 74.0           | 28.82           | Peak     | 126.00         | 200         | Horizontal | Pass    |
| 2** | 2863.400        | 35.84            | -10.24      | 54.0           | 18.16           | AV       | 126.00         | 200         | Horizontal | Pass    |
| 3   | 4311.800        | 48.83            | -4.64       | 74.0           | 25.17           | Peak     | 225.00         | 150         | Horizontal | Pass    |
| 3** | 4311.800        | 39.86            | -4.64       | 54.0           | 14.14           | AV       | 225.00         | 150         | Horizontal | Pass    |
| 4   | 5178.000        | 100.07           | -3.15       | --             | --              | Peak     | 145.00         | 200         | Horizontal | N/A     |
| 4** | 5178.000        | 92.44            | -3.15       | --             | --              | AV       | 145.00         | 200         | Horizontal | N/A     |
| 5   | 7416.013        | 48.04            | -2.19       | 74.0           | 25.96           | Peak     | 260.00         | 150         | Horizontal | Pass    |
| 5** | 7416.013        | 39.15            | -2.19       | 54.0           | 14.85           | AV       | 260.00         | 150         | Horizontal | Pass    |
| 6   | 11634.213       | 51.33            | 2.11        | 74.0           | 22.67           | Peak     | 9.00           | 400         | Horizontal | Pass    |
| 6** | 11634.213       | 42.09            | 2.11        | 54.0           | 11.91           | AV       | 9.00           | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1385.300        | 39.46            | -17.11      | 74.0           | 34.54           | Peak     | 360.00         | 300         | Vertical | Pass    |
| 1** | 1385.300        | 29.00            | -17.11      | 54.0           | 25.00           | AV       | 360.00         | 300         | Vertical | Pass    |
| 2   | 2746.000        | 45.29            | -10.30      | 74.0           | 28.71           | Peak     | 336.00         | 100         | Vertical | Pass    |
| 2** | 2746.000        | 35.11            | -10.30      | 54.0           | 18.89           | AV       | 336.00         | 100         | Vertical | Pass    |
| 3   | 4294.400        | 48.88            | -4.48       | 74.0           | 25.12           | Peak     | 39.00          | 200         | Vertical | Pass    |
| 3** | 4294.400        | 40.12            | -4.48       | 54.0           | 13.88           | AV       | 39.00          | 200         | Vertical | Pass    |
| 4   | 5178.800        | 98.62            | -3.14       | --             | --              | Peak     | 143.00         | 200         | Vertical | N/A     |
| 4** | 5178.800        | 91.17            | -3.14       | --             | --              | AV       | 143.00         | 200         | Vertical | N/A     |
| 5   | 7499.388        | 48.17            | -2.25       | 74.0           | 25.83           | Peak     | 32.00          | 100         | Vertical | Pass    |
| 5** | 7499.388        | 38.74            | -2.25       | 54.0           | 15.26           | AV       | 32.00          | 100         | Vertical | Pass    |
| 6   | 12231.349       | 52.21            | 2.42        | 74.0           | 21.79           | Peak     | 86.00          | 300         | Vertical | Pass    |
| 6** | 12231.349       | 42.51            | 2.42        | 54.0           | 11.49           | AV       | 86.00          | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1325.800        | 39.54            | -17.50      | 74.0           | 34.46           | Peak     | 182.00         | 300         | Horizontal | Pass    |
| 1** | 1325.800        | 28.90            | -17.50      | 54.0           | 25.10           | AV       | 182.00         | 300         | Horizontal | Pass    |
| 2   | 2859.500        | 44.46            | -10.23      | 74.0           | 29.54           | Peak     | 264.00         | 100         | Horizontal | Pass    |
| 2** | 2859.500        | 35.40            | -10.23      | 54.0           | 18.60           | AV       | 264.00         | 100         | Horizontal | Pass    |
| 3   | 4296.400        | 49.32            | -4.52       | 74.0           | 24.68           | Peak     | 239.00         | 100         | Horizontal | Pass    |
| 3** | 4296.400        | 40.26            | -4.52       | 54.0           | 13.74           | AV       | 239.00         | 100         | Horizontal | Pass    |
| 4   | 5222.200        | 101.04           | -3.33       | --             | --              | Peak     | 143.00         | 200         | Horizontal | N/A     |
| 4** | 5222.200        | 93.01            | -3.33       | --             | --              | AV       | 143.00         | 200         | Horizontal | N/A     |
| 5   | 7561.487        | 47.86            | -2.41       | 74.0           | 26.14           | Peak     | 215.00         | 200         | Horizontal | Pass    |
| 5** | 7561.487        | 38.75            | -2.41       | 54.0           | 15.25           | AV       | 215.00         | 200         | Horizontal | Pass    |
| 6   | 12232.212       | 50.95            | 2.43        | 74.0           | 23.05           | Peak     | 14.00          | 400         | Horizontal | Pass    |
| 6** | 12232.212       | 42.22            | 2.43        | 54.0           | 11.78           | AV       | 14.00          | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1346.100        | 38.63            | -17.46      | 74.0           | 35.37           | Peak     | 6.00           | 400         | Vertical | Pass    |
| 1** | 1346.100        | 28.82            | -17.46      | 54.0           | 25.18           | AV       | 6.00           | 400         | Vertical | Pass    |
| 2   | 2853.500        | 45.37            | -10.39      | 74.0           | 28.63           | Peak     | 155.00         | 200         | Vertical | Pass    |
| 2** | 2853.500        | 34.44            | -10.39      | 54.0           | 19.56           | AV       | 155.00         | 200         | Vertical | Pass    |
| 3   | 4296.800        | 48.66            | -4.53       | 74.0           | 25.34           | Peak     | 313.00         | 100         | Vertical | Pass    |
| 3** | 4296.800        | 39.68            | -4.53       | 54.0           | 14.32           | AV       | 313.00         | 100         | Vertical | Pass    |
| 4   | 5221.400        | 98.71            | -3.33       | --             | --              | Peak     | 313.00         | 200         | Vertical | N/A     |
| 4** | 5221.400        | 91.97            | -3.33       | --             | --              | AV       | 313.00         | 200         | Vertical | N/A     |
| 5   | 7423.487        | 48.20            | -2.30       | 74.0           | 25.80           | Peak     | 227.00         | 150         | Vertical | Pass    |
| 5** | 7423.487        | 39.14            | -2.30       | 54.0           | 14.86           | AV       | 227.00         | 150         | Vertical | Pass    |
| 6   | 12224.451       | 51.63            | 2.43        | 74.0           | 22.37           | Peak     | 194.00         | 300         | Vertical | Pass    |
| 6** | 12224.451       | 42.26            | 2.43        | 54.0           | 11.74           | AV       | 194.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1396.800        | 38.58            | -17.30      | 74.0           | 35.42           | Peak     | 157.00         | 300         | Horizontal | Pass    |
| 1** | 1396.800        | 29.97            | -17.30      | 54.0           | 24.03           | AV       | 157.00         | 300         | Horizontal | Pass    |
| 2   | 2865.800        | 44.91            | -10.32      | 74.0           | 29.09           | Peak     | 68.00          | 300         | Horizontal | Pass    |
| 2** | 2865.800        | 35.09            | -10.32      | 54.0           | 18.91           | AV       | 68.00          | 300         | Horizontal | Pass    |
| 3   | 4311.600        | 49.17            | -4.64       | 74.0           | 24.83           | Peak     | 213.00         | 200         | Horizontal | Pass    |
| 3** | 4311.600        | 39.70            | -4.64       | 54.0           | 14.30           | AV       | 213.00         | 200         | Horizontal | Pass    |
| 4   | 5238.600        | 101.57           | -3.49       | --             | --              | Peak     | 143.00         | 100         | Horizontal | N/A     |
| 4** | 5238.600        | 93.23            | -3.49       | --             | --              | AV       | 143.00         | 100         | Horizontal | N/A     |
| 5   | 7560.912        | 47.96            | -2.38       | 74.0           | 26.04           | Peak     | 290.00         | 200         | Horizontal | Pass    |
| 5** | 7560.912        | 39.35            | -2.38       | 54.0           | 14.65           | AV       | 290.00         | 200         | Horizontal | Pass    |
| 6   | 12208.925       | 51.00            | 2.38        | 74.0           | 23.00           | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 6** | 12208.925       | 41.41            | 2.38        | 54.0           | 12.59           | AV       | 360.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1370.700        | 38.66            | -17.37      | 74.0           | 35.34           | Peak     | 9.00           | 100         | Vertical | Pass    |
| 1** | 1370.700        | 29.36            | -17.37      | 54.0           | 24.64           | AV       | 9.00           | 100         | Vertical | Pass    |
| 2   | 2799.000        | 44.23            | -10.76      | 74.0           | 29.77           | Peak     | 209.00         | 300         | Vertical | Pass    |
| 2** | 2799.000        | 35.34            | -10.76      | 54.0           | 18.66           | AV       | 209.00         | 300         | Vertical | Pass    |
| 3   | 4225.600        | 49.16            | -4.43       | 74.0           | 24.84           | Peak     | 135.00         | 200         | Vertical | Pass    |
| 3** | 4225.600        | 39.23            | -4.43       | 54.0           | 14.77           | AV       | 135.00         | 200         | Vertical | Pass    |
| 4   | 5241.400        | 99.06            | -3.51       | --             | --              | Peak     | 310.00         | 100         | Vertical | N/A     |
| 4** | 5241.400        | 91.53            | -3.51       | --             | --              | AV       | 310.00         | 100         | Vertical | N/A     |
| 5   | 7416.013        | 47.98            | -2.19       | 74.0           | 26.02           | Peak     | 20.00          | 200         | Vertical | Pass    |
| 5** | 7416.013        | 38.59            | -2.19       | 54.0           | 15.41           | AV       | 20.00          | 200         | Vertical | Pass    |
| 6   | 12163.213       | 52.25            | 2.37        | 74.0           | 21.75           | Peak     | 258.00         | 300         | Vertical | Pass    |
| 6** | 12163.213       | 41.37            | 2.37        | 54.0           | 12.63           | AV       | 258.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1332.100        | 38.44            | -17.61      | 74.0           | 35.56           | Peak     | 10.00          | 400         | Horizontal | Pass    |
| 1** | 1332.100        | 28.57            | -17.61      | 54.0           | 25.43           | AV       | 10.00          | 400         | Horizontal | Pass    |
| 2   | 2842.700        | 44.57            | -10.58      | 74.0           | 29.43           | Peak     | 1.00           | 400         | Horizontal | Pass    |
| 2** | 2842.700        | 34.69            | -10.58      | 54.0           | 19.31           | AV       | 1.00           | 400         | Horizontal | Pass    |
| 3   | 4261.600        | 49.36            | -4.40       | 74.0           | 24.64           | Peak     | 358.00         | 150         | Horizontal | Pass    |
| 3** | 4261.600        | 39.72            | -4.40       | 54.0           | 14.28           | AV       | 358.00         | 150         | Horizontal | Pass    |
| 4   | 5191.800        | 97.41            | -3.13       | --             | --              | Peak     | 145.00         | 200         | Horizontal | N/A     |
| 4** | 5191.800        | 90.07            | -3.13       | --             | --              | AV       | 145.00         | 200         | Horizontal | N/A     |
| 5   | 7556.600        | 48.91            | -2.29       | 74.0           | 25.09           | Peak     | 24.00          | 200         | Horizontal | Pass    |
| 5** | 7556.600        | 38.81            | -2.29       | 54.0           | 15.19           | AV       | 24.00          | 200         | Horizontal | Pass    |
| 6   | 12182.187       | 52.31            | 2.59        | 74.0           | 21.69           | Peak     | 66.00          | 400         | Horizontal | Pass    |
| 6** | 12182.187       | 42.43            | 2.59        | 54.0           | 11.57           | AV       | 66.00          | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1364.500        | 38.58            | -17.34      | 74.0           | 35.42           | Peak     | 289.00         | 400         | Vertical | Pass    |
| 1** | 1364.500        | 28.60            | -17.34      | 54.0           | 25.40           | AV       | 289.00         | 400         | Vertical | Pass    |
| 2   | 2750.100        | 44.80            | -10.31      | 74.0           | 29.20           | Peak     | 140.00         | 200         | Vertical | Pass    |
| 2** | 2750.100        | 35.52            | -10.31      | 54.0           | 18.48           | AV       | 140.00         | 200         | Vertical | Pass    |
| 3   | 4249.400        | 48.96            | -4.65       | 74.0           | 25.04           | Peak     | 160.00         | 150         | Vertical | Pass    |
| 3** | 4249.400        | 39.13            | -4.65       | 54.0           | 14.87           | AV       | 160.00         | 150         | Vertical | Pass    |
| 4   | 5193.000        | 95.42            | -3.08       | --             | --              | Peak     | 312.00         | 400         | Vertical | N/A     |
| 4** | 5193.000        | 88.45            | -3.08       | --             | --              | AV       | 312.00         | 400         | Vertical | N/A     |
| 5   | 7578.737        | 48.47            | -2.57       | 74.0           | 25.53           | Peak     | 110.00         | 200         | Vertical | Pass    |
| 5** | 7578.737        | 38.97            | -2.57       | 54.0           | 15.03           | AV       | 110.00         | 200         | Vertical | Pass    |
| 6   | 11646.287       | 51.35            | 1.97        | 74.0           | 22.65           | Peak     | 184.00         | 300         | Vertical | Pass    |
| 6** | 11646.287       | 41.11            | 1.97        | 54.0           | 12.89           | AV       | 184.00         | 300         | Vertical | Pass    |



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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1397.300        | 38.63            | -17.26      | 74.0           | 35.37           | Peak     | 359.00         | 300         | Horizontal | Pass    |
| 1** | 1397.300        | 29.47            | -17.26      | 54.0           | 24.53           | AV       | 359.00         | 300         | Horizontal | Pass    |
| 2   | 2875.800        | 44.62            | -10.38      | 74.0           | 29.38           | Peak     | 350.00         | 100         | Horizontal | Pass    |
| 2** | 2875.800        | 35.46            | -10.38      | 54.0           | 18.54           | AV       | 350.00         | 100         | Horizontal | Pass    |
| 3   | 4302.000        | 49.03            | -4.62       | 74.0           | 24.97           | Peak     | 348.00         | 100         | Horizontal | Pass    |
| 3** | 4302.000        | 40.63            | -4.62       | 54.0           | 13.37           | AV       | 348.00         | 100         | Horizontal | Pass    |
| 4   | 5231.000        | 97.51            | -3.46       | --             | --              | Peak     | 159.00         | 300         | Horizontal | N/A     |
| 4** | 5231.000        | 88.63            | -3.46       | --             | --              | AV       | 159.00         | 300         | Horizontal | N/A     |
| 5   | 7430.962        | 48.68            | -2.31       | 74.0           | 25.32           | Peak     | 1.00           | 200         | Horizontal | Pass    |
| 5** | 7430.962        | 39.68            | -2.31       | 54.0           | 14.32           | AV       | 1.00           | 200         | Horizontal | Pass    |
| 6   | 12189.662       | 51.27            | 2.52        | 74.0           | 22.73           | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 6** | 12189.662       | 42.77            | 2.52        | 54.0           | 11.23           | AV       | 360.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1326.700        | 38.79            | -17.48      | 74.0           | 35.21           | Peak     | 39.00          | 400         | Vertical | Pass    |
| 1** | 1326.700        | 29.26            | -17.48      | 54.0           | 24.74           | AV       | 39.00          | 400         | Vertical | Pass    |
| 2   | 2744.000        | 43.90            | -10.31      | 74.0           | 30.10           | Peak     | 235.00         | 300         | Vertical | Pass    |
| 2** | 2744.000        | 35.02            | -10.31      | 54.0           | 18.98           | AV       | 235.00         | 300         | Vertical | Pass    |
| 3   | 4280.400        | 49.42            | -4.54       | 74.0           | 24.58           | Peak     | 264.00         | 150         | Vertical | Pass    |
| 3** | 4280.400        | 40.07            | -4.54       | 54.0           | 13.93           | AV       | 264.00         | 150         | Vertical | Pass    |
| 4   | 5232.200        | 95.36            | -3.44       | --             | --              | Peak     | 152.00         | 300         | Vertical | N/A     |
| 4** | 5232.200        | 88.04            | -3.44       | --             | --              | AV       | 152.00         | 300         | Vertical | N/A     |
| 5   | 7568.675        | 48.22            | -2.43       | 74.0           | 25.78           | Peak     | 1.00           | 200         | Vertical | Pass    |
| 5** | 7568.675        | 39.81            | -2.43       | 54.0           | 14.19           | AV       | 1.00           | 200         | Vertical | Pass    |
| 6   | 12223.300       | 50.92            | 2.43        | 74.0           | 23.08           | Peak     | 360.00         | 100         | Vertical | Pass    |
| 6** | 12223.300       | 42.73            | 2.43        | 54.0           | 11.27           | AV       | 360.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1361.400        | 38.13            | -17.34      | 74.0           | 35.87           | Peak     | 222.00         | 300         | Horizontal | Pass    |
| 1** | 1361.400        | 29.15            | -17.34      | 54.0           | 24.85           | AV       | 222.00         | 300         | Horizontal | Pass    |
| 2   | 2746.900        | 44.67            | -10.25      | 74.0           | 29.33           | Peak     | 260.00         | 400         | Horizontal | Pass    |
| 2** | 2746.900        | 35.06            | -10.25      | 54.0           | 18.94           | AV       | 260.00         | 400         | Horizontal | Pass    |
| 3   | 4180.200        | 49.05            | -4.72       | 74.0           | 24.95           | Peak     | 68.00          | 100         | Horizontal | Pass    |
| 3** | 4180.200        | 39.14            | -4.72       | 54.0           | 14.86           | AV       | 68.00          | 100         | Horizontal | Pass    |
| 4   | 5181.400        | 99.04            | -3.14       | --             | --              | Peak     | 148.00         | 400         | Horizontal | N/A     |
| 4** | 5181.400        | 91.10            | -3.14       | --             | --              | AV       | 148.00         | 400         | Horizontal | N/A     |
| 5   | 7597.425        | 47.73            | -3.00       | 74.0           | 26.27           | Peak     | 246.00         | 200         | Horizontal | Pass    |
| 5** | 7597.425        | 38.02            | -3.00       | 54.0           | 15.98           | AV       | 246.00         | 200         | Horizontal | Pass    |
| 6   | 12231.349       | 51.06            | 2.42        | 74.0           | 22.94           | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 6** | 12231.349       | 42.22            | 2.42        | 54.0           | 11.78           | AV       | 360.00         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1360.400        | 38.66            | -17.27      | 74.0           | 35.34           | Peak     | 279.00         | 200         | Vertical | Pass    |
| 1** | 1360.400        | 29.49            | -17.27      | 54.0           | 24.51           | AV       | 279.00         | 200         | Vertical | Pass    |
| 2   | 2728.600        | 44.06            | -10.39      | 74.0           | 29.94           | Peak     | 318.00         | 100         | Vertical | Pass    |
| 2** | 2728.600        | 34.79            | -10.39      | 54.0           | 19.21           | AV       | 318.00         | 100         | Vertical | Pass    |
| 3   | 4269.000        | 48.74            | -4.64       | 74.0           | 25.26           | Peak     | 0.00           | 200         | Vertical | Pass    |
| 3** | 4269.000        | 39.80            | -4.64       | 54.0           | 14.20           | AV       | 0.00           | 200         | Vertical | Pass    |
| 4   | 5181.400        | 97.28            | -3.14       | --             | --              | Peak     | 148.00         | 300         | Vertical | N/A     |
| 4** | 5181.400        | 90.17            | -3.14       | --             | --              | AV       | 148.00         | 300         | Vertical | N/A     |
| 5   | 7424.062        | 48.23            | -2.29       | 74.0           | 25.77           | Peak     | 152.00         | 100         | Vertical | Pass    |
| 5** | 7424.062        | 39.01            | -2.29       | 54.0           | 14.99           | AV       | 152.00         | 100         | Vertical | Pass    |
| 6   | 12269.587       | 51.95            | 2.28        | 74.0           | 22.05           | Peak     | 138.00         | 400         | Vertical | Pass    |
| 6** | 12269.587       | 42.79            | 2.28        | 54.0           | 11.21           | AV       | 138.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1323.000        | 38.56            | -17.48      | 74.0           | 35.44           | Peak     | 318.00         | 400         | Horizontal | Pass    |
| 1** | 1323.000        | 28.46            | -17.48      | 54.0           | 25.54           | AV       | 318.00         | 400         | Horizontal | Pass    |
| 2   | 2820.500        | 44.86            | -10.29      | 74.0           | 29.14           | Peak     | 280.00         | 200         | Horizontal | Pass    |
| 2** | 2820.500        | 35.17            | -10.29      | 54.0           | 18.83           | AV       | 280.00         | 200         | Horizontal | Pass    |
| 3   | 4301.200        | 48.74            | -4.59       | 74.0           | 25.26           | Peak     | 33.00          | 150         | Horizontal | Pass    |
| 3** | 4301.200        | 39.90            | -4.59       | 54.0           | 14.10           | AV       | 33.00          | 150         | Horizontal | Pass    |
| 4   | 5221.000        | 99.31            | -3.33       | --             | --              | Peak     | 148.00         | 300         | Horizontal | N/A     |
| 4** | 5221.000        | 92.20            | -3.33       | --             | --              | AV       | 148.00         | 300         | Horizontal | N/A     |
| 5   | 7588.513        | 48.13            | -2.83       | 74.0           | 25.87           | Peak     | 184.00         | 200         | Horizontal | Pass    |
| 5** | 7588.513        | 38.30            | -2.83       | 54.0           | 15.70           | AV       | 184.00         | 200         | Horizontal | Pass    |
| 6   | 12204.613       | 51.15            | 2.39        | 74.0           | 22.85           | Peak     | 278.00         | 300         | Horizontal | Pass    |
| 6** | 12204.613       | 41.99            | 2.39        | 54.0           | 12.01           | AV       | 278.00         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1453.100        | 38.35            | -17.53      | 74.0           | 35.65           | Peak     | 309.00         | 150         | Vertical | Pass    |
| 1** | 1453.100        | 29.76            | -17.53      | 54.0           | 24.24           | AV       | 309.00         | 150         | Vertical | Pass    |
| 2   | 2809.100        | 45.45            | -10.63      | 74.0           | 28.55           | Peak     | 117.00         | 150         | Vertical | Pass    |
| 2** | 2809.100        | 35.71            | -10.63      | 54.0           | 18.29           | AV       | 117.00         | 150         | Vertical | Pass    |
| 3   | 4279.800        | 49.26            | -4.54       | 74.0           | 24.74           | Peak     | 181.00         | 150         | Vertical | Pass    |
| 3** | 4279.800        | 40.49            | -4.54       | 54.0           | 13.51           | AV       | 181.00         | 150         | Vertical | Pass    |
| 4   | 5221.400        | 97.47            | -3.33       | --             | --              | Peak     | 331.00         | 150         | Vertical | N/A     |
| 4** | 5221.400        | 90.28            | -3.33       | --             | --              | AV       | 331.00         | 150         | Vertical | N/A     |
| 5   | 7568.963        | 48.55            | -2.43       | 74.0           | 25.45           | Peak     | 7.00           | 150         | Vertical | Pass    |
| 5** | 7568.963        | 39.20            | -2.43       | 54.0           | 14.80           | AV       | 7.00           | 150         | Vertical | Pass    |
| 6   | 12275.049       | 51.05            | 2.23        | 74.0           | 22.95           | Peak     | 360.00         | 150         | Vertical | Pass    |
| 6** | 12275.049       | 41.87            | 2.23        | 54.0           | 12.13           | AV       | 360.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1337.600        | 38.39            | -17.51      | 74.0           | 35.61           | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 1** | 1337.600        | 29.23            | -17.51      | 54.0           | 24.77           | AV       | 360.00         | 200         | Horizontal | Pass    |
| 2   | 2878.700        | 44.80            | -10.29      | 74.0           | 29.20           | Peak     | 336.00         | 100         | Horizontal | Pass    |
| 2** | 2878.700        | 35.23            | -10.29      | 54.0           | 18.77           | AV       | 336.00         | 100         | Horizontal | Pass    |
| 3   | 4294.400        | 50.44            | -4.48       | 74.0           | 23.56           | Peak     | 341.00         | 200         | Horizontal | Pass    |
| 3** | 4294.400        | 40.47            | -4.48       | 54.0           | 13.53           | AV       | 341.00         | 200         | Horizontal | Pass    |
| 4   | 5241.000        | 98.93            | -3.51       | --             | --              | Peak     | 176.00         | 100         | Horizontal | N/A     |
| 4** | 5241.000        | 92.27            | -3.51       | --             | --              | AV       | 176.00         | 100         | Horizontal | N/A     |
| 5   | 7411.700        | 48.13            | -2.21       | 74.0           | 25.87           | Peak     | 129.00         | 100         | Horizontal | Pass    |
| 5** | 7411.700        | 38.63            | -2.21       | 54.0           | 15.37           | AV       | 129.00         | 100         | Horizontal | Pass    |
| 6   | 11710.401       | 51.04            | 1.28        | 74.0           | 22.96           | Peak     | 280.00         | 300         | Horizontal | Pass    |
| 6** | 11710.401       | 41.70            | 1.28        | 54.0           | 12.30           | AV       | 280.00         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1354.500        | 38.70            | -17.40      | 74.0           | 35.30           | Peak     | 32.00          | 200         | Vertical | Pass    |
| 1** | 1354.500        | 29.13            | -17.40      | 54.0           | 24.87           | AV       | 32.00          | 200         | Vertical | Pass    |
| 2   | 2748.000        | 45.57            | -10.22      | 74.0           | 28.43           | Peak     | 174.00         | 200         | Vertical | Pass    |
| 2** | 2748.000        | 35.74            | -10.22      | 54.0           | 18.26           | AV       | 174.00         | 200         | Vertical | Pass    |
| 3   | 4303.400        | 48.63            | -4.64       | 74.0           | 25.37           | Peak     | 238.00         | 100         | Vertical | Pass    |
| 3** | 4303.400        | 39.73            | -4.64       | 54.0           | 14.27           | AV       | 238.00         | 100         | Vertical | Pass    |
| 4   | 5241.000        | 96.55            | -3.51       | --             | --              | Peak     | 341.00         | 300         | Vertical | N/A     |
| 4** | 5241.000        | 89.23            | -3.51       | --             | --              | AV       | 341.00         | 300         | Vertical | N/A     |
| 5   | 7430.100        | 48.38            | -2.31       | 74.0           | 25.62           | Peak     | 54.00          | 100         | Vertical | Pass    |
| 5** | 7430.100        | 39.17            | -2.31       | 54.0           | 14.83           | AV       | 54.00          | 100         | Vertical | Pass    |
| 6   | 12168.388       | 51.28            | 2.49        | 74.0           | 22.72           | Peak     | 86.00          | 100         | Vertical | Pass    |
| 6** | 12168.388       | 41.98            | 2.49        | 54.0           | 12.02           | AV       | 86.00          | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1407.500        | 38.60            | -17.11      | 74.0           | 35.40           | Peak     | 148.00         | 300         | Horizontal | Pass    |
| 1** | 1407.500        | 29.65            | -17.11      | 54.0           | 24.35           | AV       | 148.00         | 300         | Horizontal | Pass    |
| 2   | 2826.100        | 44.11            | -10.28      | 74.0           | 29.89           | Peak     | 27.00          | 100         | Horizontal | Pass    |
| 2** | 2826.100        | 34.95            | -10.28      | 54.0           | 19.05           | AV       | 27.00          | 100         | Horizontal | Pass    |
| 3   | 4318.000        | 48.92            | -4.74       | 74.0           | 25.08           | Peak     | 55.00          | 150         | Horizontal | Pass    |
| 3** | 4318.000        | 40.04            | -4.74       | 54.0           | 13.96           | AV       | 55.00          | 150         | Horizontal | Pass    |
| 4   | 5192.400        | 96.83            | -3.11       | --             | --              | Peak     | 152.00         | 200         | Horizontal | N/A     |
| 4** | 5192.400        | 89.45            | -3.11       | --             | --              | AV       | 152.00         | 200         | Horizontal | N/A     |
| 5   | 7425.787        | 48.45            | -2.28       | 74.0           | 25.55           | Peak     | 1.00           | 150         | Horizontal | Pass    |
| 5** | 7425.787        | 39.42            | -2.28       | 54.0           | 14.58           | AV       | 1.00           | 150         | Horizontal | Pass    |
| 6   | 12245.437       | 51.05            | 2.51        | 74.0           | 22.95           | Peak     | 173.00         | 300         | Horizontal | Pass    |
| 6** | 12245.437       | 41.92            | 2.51        | 54.0           | 12.08           | AV       | 173.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1337.500        | 38.45            | -17.52      | 74.0           | 35.55           | Peak     | 2.00           | 300         | Vertical | Pass    |
| 1** | 1337.500        | 29.11            | -17.52      | 54.0           | 24.89           | AV       | 2.00           | 300         | Vertical | Pass    |
| 2   | 2860.100        | 44.83            | -10.23      | 74.0           | 29.17           | Peak     | 176.00         | 100         | Vertical | Pass    |
| 2** | 2860.100        | 35.11            | -10.23      | 54.0           | 18.89           | AV       | 176.00         | 100         | Vertical | Pass    |
| 3   | 4301.800        | 48.73            | -4.61       | 74.0           | 25.27           | Peak     | 8.00           | 150         | Vertical | Pass    |
| 3** | 4301.800        | 39.94            | -4.61       | 54.0           | 14.06           | AV       | 8.00           | 150         | Vertical | Pass    |
| 4   | 5193.800        | 92.88            | -3.07       | --             | --              | Peak     | 176.00         | 400         | Vertical | N/A     |
| 4** | 5193.800        | 85.58            | -3.07       | --             | --              | AV       | 176.00         | 400         | Vertical | N/A     |
| 5   | 7358.225        | 47.88            | -2.94       | 74.0           | 26.12           | Peak     | 42.00          | 200         | Vertical | Pass    |
| 5** | 7358.225        | 38.12            | -2.94       | 54.0           | 15.88           | AV       | 42.00          | 200         | Vertical | Pass    |
| 6   | 12275.049       | 51.28            | 2.23        | 74.0           | 22.72           | Peak     | 183.00         | 100         | Vertical | Pass    |
| 6** | 12275.049       | 41.48            | 2.23        | 54.0           | 12.52           | AV       | 183.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1328.800        | 38.30            | -17.44      | 74.0           | 35.70           | Peak     | 78.00          | 100         | Horizontal | Pass    |
| 1** | 1328.800        | 29.24            | -17.44      | 54.0           | 24.76           | AV       | 78.00          | 100         | Horizontal | Pass    |
| 2   | 2747.300        | 44.72            | -10.23      | 74.0           | 29.28           | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 2** | 2747.300        | 35.28            | -10.23      | 54.0           | 18.72           | AV       | 360.00         | 400         | Horizontal | Pass    |
| 3   | 4162.200        | 49.86            | -4.92       | 74.0           | 24.14           | Peak     | 122.00         | 200         | Horizontal | Pass    |
| 3** | 4162.200        | 38.32            | -4.92       | 54.0           | 15.68           | AV       | 122.00         | 200         | Horizontal | Pass    |
| 4   | 5225.600        | 96.89            | -3.39       | --             | --              | Peak     | 163.00         | 200         | Horizontal | N/A     |
| 4** | 5225.600        | 89.38            | -3.39       | --             | --              | AV       | 163.00         | 200         | Horizontal | N/A     |
| 5   | 7559.475        | 47.81            | -2.43       | 74.0           | 26.19           | Peak     | 246.00         | 200         | Horizontal | Pass    |
| 5** | 7559.475        | 39.47            | -2.43       | 54.0           | 14.53           | AV       | 246.00         | 200         | Horizontal | Pass    |
| 6   | 11629.325       | 52.14            | 2.09        | 74.0           | 21.86           | Peak     | 256.00         | 100         | Horizontal | Pass    |
| 6** | 11629.325       | 41.71            | 2.09        | 54.0           | 12.29           | AV       | 256.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1374.100        | 38.93            | -17.47      | 74.0           | 35.07           | Peak     | 31.00          | 100         | Vertical | Pass    |
| 1** | 1374.100        | 29.01            | -17.47      | 54.0           | 24.99           | AV       | 31.00          | 100         | Vertical | Pass    |
| 2   | 2816.200        | 44.45            | -10.49      | 74.0           | 29.55           | Peak     | 1.00           | 100         | Vertical | Pass    |
| 2** | 2816.200        | 34.57            | -10.49      | 54.0           | 19.43           | AV       | 1.00           | 100         | Vertical | Pass    |
| 3   | 4272.400        | 49.30            | -4.59       | 74.0           | 24.70           | Peak     | 0.00           | 200         | Vertical | Pass    |
| 3** | 4272.400        | 40.19            | -4.59       | 54.0           | 13.81           | AV       | 0.00           | 200         | Vertical | Pass    |
| 4   | 5228.000        | 93.85            | -3.46       | --             | --              | Peak     | 152.00         | 200         | Vertical | N/A     |
| 4** | 5228.000        | 86.87            | -3.46       | --             | --              | AV       | 152.00         | 200         | Vertical | N/A     |
| 5   | 7578.450        | 48.33            | -2.57       | 74.0           | 25.67           | Peak     | 360.00         | 150         | Vertical | Pass    |
| 5** | 7578.450        | 39.07            | -2.57       | 54.0           | 14.93           | AV       | 360.00         | 150         | Vertical | Pass    |
| 6   | 11652.037       | 51.22            | 1.92        | 74.0           | 22.78           | Peak     | 148.00         | 200         | Vertical | Pass    |
| 6** | 11652.037       | 40.99            | 1.92        | 54.0           | 13.01           | AV       | 148.00         | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1358.500        | 39.22            | -17.26      | 74.0           | 34.78           | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 1** | 1358.500        | 28.65            | -17.26      | 54.0           | 25.35           | AV       | 0.00           | 400         | Horizontal | Pass    |
| 2   | 2853.200        | 44.94            | -10.41      | 74.0           | 29.06           | Peak     | 284.00         | 300         | Horizontal | Pass    |
| 2** | 2853.200        | 35.14            | -10.41      | 54.0           | 18.86           | AV       | 284.00         | 300         | Horizontal | Pass    |
| 3   | 4295.600        | 49.29            | -4.49       | 74.0           | 24.71           | Peak     | 1.00           | 200         | Horizontal | Pass    |
| 3** | 4295.600        | 40.02            | -4.49       | 54.0           | 13.98           | AV       | 1.00           | 200         | Horizontal | Pass    |
| 4   | 5216.600        | 94.69            | -3.18       | --             | --              | Peak     | 153.00         | 200         | Horizontal | N/A     |
| 4** | 5216.600        | 86.42            | -3.18       | --             | --              | AV       | 153.00         | 200         | Horizontal | N/A     |
| 5   | 7421.475        | 47.94            | -2.27       | 74.0           | 26.06           | Peak     | 356.00         | 100         | Horizontal | Pass    |
| 5** | 7421.475        | 39.18            | -2.27       | 54.0           | 14.82           | AV       | 356.00         | 100         | Horizontal | Pass    |
| 6   | 12311.562       | 51.40            | 2.13        | 74.0           | 22.60           | Peak     | 224.00         | 300         | Horizontal | Pass    |
| 6** | 12311.562       | 41.31            | 2.13        | 54.0           | 12.69           | AV       | 224.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1361.100        | 38.32            | -17.32      | 74.0           | 35.68           | Peak     | 284.00         | 200         | Vertical | Pass    |
| 1** | 1361.100        | 29.83            | -17.32      | 54.0           | 24.17           | AV       | 284.00         | 200         | Vertical | Pass    |
| 2   | 2836.200        | 45.05            | -10.31      | 74.0           | 28.95           | Peak     | 129.00         | 200         | Vertical | Pass    |
| 2** | 2836.200        | 34.88            | -10.31      | 54.0           | 19.12           | AV       | 129.00         | 200         | Vertical | Pass    |
| 3   | 4335.200        | 48.74            | -4.69       | 74.0           | 25.26           | Peak     | 137.00         | 150         | Vertical | Pass    |
| 3** | 4335.200        | 39.34            | -4.69       | 54.0           | 14.66           | AV       | 137.00         | 150         | Vertical | Pass    |
| 4   | 5217.200        | 90.27            | -3.22       | --             | --              | Peak     | 313.00         | 400         | Vertical | N/A     |
| 4** | 5217.200        | 82.17            | -3.22       | --             | --              | AV       | 313.00         | 400         | Vertical | N/A     |
| 5   | 7418.025        | 48.20            | -2.23       | 74.0           | 25.80           | Peak     | 133.00         | 100         | Vertical | Pass    |
| 5** | 7418.025        | 38.89            | -2.23       | 54.0           | 15.11           | AV       | 133.00         | 100         | Vertical | Pass    |
| 6   | 11628.463       | 51.61            | 2.09        | 74.0           | 22.39           | Peak     | 178.00         | 400         | Vertical | Pass    |
| 6** | 11628.463       | 42.25            | 2.09        | 54.0           | 11.75           | AV       | 178.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1393.200        | 38.37            | -17.33      | 74.0           | 35.63       | Peak     | 143.00         | 150         | Horizontal | Pass    |
| 1** | 1393.200        | 28.17            | -17.33      | 54.0           | 25.83       | AV       | 143.00         | 150         | Horizontal | Pass    |
| 2   | 2862.700        | 44.68            | -10.18      | 74.0           | 29.32       | Peak     | 224.00         | 100         | Horizontal | Pass    |
| 2** | 2862.700        | 35.01            | -10.18      | 54.0           | 18.99       | AV       | 224.00         | 100         | Horizontal | Pass    |
| 3   | 4346.800        | 48.90            | -4.61       | 74.0           | 25.10       | Peak     | 250.00         | 200         | Horizontal | Pass    |
| 3** | 4346.800        | 38.82            | -4.61       | 54.0           | 15.18       | AV       | 250.00         | 200         | Horizontal | Pass    |
| 4   | 5261.400        | 102.75           | -3.70       | --             | --          | Peak     | 147.00         | 200         | Horizontal | N/A     |
| 4** | 5261.400        | 94.77            | -3.70       | --             | --          | AV       | 147.00         | 200         | Horizontal | N/A     |
| 5   | 7436.712        | 48.29            | -2.53       | 74.0           | 25.71       | Peak     | 16.00          | 100         | Horizontal | Pass    |
| 5** | 7436.712        | 38.22            | -2.53       | 54.0           | 15.78       | AV       | 16.00          | 100         | Horizontal | Pass    |
| 6   | 12278.787       | 50.75            | 2.22        | 74.0           | 23.25       | Peak     | 263.00         | 400         | Horizontal | Pass    |
| 6** | 12278.787       | 41.70            | 2.22        | 54.0           | 12.30       | AV       | 263.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1532.800        | 38.31            | -17.63      | 74.0           | 35.69       | Peak     | 359.00         | 150         | Vertical | Pass    |
| 1** | 1532.800        | 29.00            | -17.63      | 54.0           | 25.00       | AV       | 359.00         | 150         | Vertical | Pass    |
| 2   | 2847.100        | 44.60            | -10.66      | 74.0           | 29.40       | Peak     | 251.00         | 300         | Vertical | Pass    |
| 2** | 2847.100        | 34.36            | -10.66      | 54.0           | 19.64       | AV       | 251.00         | 300         | Vertical | Pass    |
| 3   | 4258.200        | 49.32            | -4.47       | 74.0           | 24.68       | Peak     | 248.00         | 150         | Vertical | Pass    |
| 3** | 4258.200        | 39.26            | -4.47       | 54.0           | 14.74       | AV       | 248.00         | 150         | Vertical | Pass    |
| 4   | 5261.600        | 99.75            | -3.70       | --             | --          | Peak     | 153.00         | 200         | Vertical | N/A     |
| 4** | 5261.600        | 92.52            | -3.70       | --             | --          | AV       | 153.00         | 200         | Vertical | N/A     |
| 5   | 7376.050        | 48.62            | -2.59       | 74.0           | 25.38       | Peak     | 147.00         | 200         | Vertical | Pass    |
| 5** | 7376.050        | 38.11            | -2.59       | 54.0           | 15.89       | AV       | 147.00         | 200         | Vertical | Pass    |
| 6   | 11633.063       | 50.97            | 2.12        | 74.0           | 23.03       | Peak     | 222.00         | 400         | Vertical | Pass    |
| 6** | 11633.063       | 41.72            | 2.12        | 54.0           | 12.28       | AV       | 222.00         | 400         | Vertical | Pass    |



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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1373.300        | 38.28            | -17.42      | 74.0           | 35.72       | Peak     | 217.00         | 200         | Horizontal | Pass    |
| 1** | 1373.300        | 29.04            | -17.42      | 54.0           | 24.96       | AV       | 217.00         | 200         | Horizontal | Pass    |
| 2   | 2847.500        | 44.62            | -10.66      | 74.0           | 29.38       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 2** | 2847.500        | 34.58            | -10.66      | 54.0           | 19.42       | AV       | 360.00         | 200         | Horizontal | Pass    |
| 3   | 4224.200        | 49.55            | -4.36       | 74.0           | 24.45       | Peak     | 93.00          | 100         | Horizontal | Pass    |
| 3** | 4224.200        | 39.82            | -4.36       | 54.0           | 14.18       | AV       | 93.00          | 100         | Horizontal | Pass    |
| 4   | 5301.600        | 103.89           | -3.13       | --             | --          | Peak     | 156.00         | 400         | Horizontal | N/A     |
| 4** | 5301.600        | 96.15            | -3.13       | --             | --          | AV       | 156.00         | 400         | Horizontal | N/A     |
| 5   | 7554.013        | 48.15            | -2.50       | 74.0           | 25.85       | Peak     | 5.00           | 200         | Horizontal | Pass    |
| 5** | 7554.013        | 39.08            | -2.50       | 54.0           | 14.92       | AV       | 5.00           | 200         | Horizontal | Pass    |
| 6   | 12231.349       | 50.95            | 2.42        | 74.0           | 23.05       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 6** | 12231.349       | 42.23            | 2.42        | 54.0           | 11.77       | AV       | 360.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1415.000        | 38.28            | -17.31      | 74.0           | 35.72       | Peak     | 130.00         | 400         | Vertical | Pass    |
| 1** | 1415.000        | 29.06            | -17.31      | 54.0           | 24.94       | AV       | 130.00         | 400         | Vertical | Pass    |
| 2   | 2760.200        | 44.94            | -10.87      | 74.0           | 29.06       | Peak     | 2.00           | 100         | Vertical | Pass    |
| 2** | 2760.200        | 34.77            | -10.87      | 54.0           | 19.23       | AV       | 2.00           | 100         | Vertical | Pass    |
| 3   | 4298.000        | 49.88            | -4.51       | 74.0           | 24.12       | Peak     | 329.00         | 150         | Vertical | Pass    |
| 3** | 4298.000        | 40.08            | -4.51       | 54.0           | 13.92       | AV       | 329.00         | 150         | Vertical | Pass    |
| 4   | 5301.800        | 99.87            | -3.13       | --             | --          | Peak     | 329.00         | 400         | Vertical | N/A     |
| 4** | 5301.800        | 92.84            | -3.13       | --             | --          | AV       | 329.00         | 400         | Vertical | N/A     |
| 5   | 7565.225        | 49.05            | -2.51       | 74.0           | 24.95       | Peak     | 333.00         | 200         | Vertical | Pass    |
| 5** | 7565.225        | 39.65            | -2.51       | 54.0           | 14.35       | AV       | 333.00         | 200         | Vertical | Pass    |
| 6   | 11706.951       | 51.45            | 1.34        | 74.0           | 22.55       | Peak     | 312.00         | 100         | Vertical | Pass    |
| 6** | 11706.951       | 40.95            | 1.34        | 54.0           | 13.05       | AV       | 312.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1385.900        | 38.42            | -17.13      | 74.0           | 35.58       | Peak     | 310.00         | 100         | Horizontal | Pass    |
| 1** | 1385.900        | 28.87            | -17.13      | 54.0           | 25.13       | AV       | 310.00         | 100         | Horizontal | Pass    |
| 2   | 2748.700        | 44.45            | -10.25      | 74.0           | 29.55       | Peak     | 13.00          | 200         | Horizontal | Pass    |
| 2** | 2748.700        | 35.08            | -10.25      | 54.0           | 18.92       | AV       | 13.00          | 200         | Horizontal | Pass    |
| 3   | 4343.600        | 49.01            | -4.76       | 74.0           | 24.99       | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 3** | 4343.600        | 40.25            | -4.76       | 54.0           | 13.75       | AV       | 0.00           | 200         | Horizontal | Pass    |
| 4   | 5318.800        | 103.78           | -3.07       | --             | --          | Peak     | 151.00         | 100         | Horizontal | N/A     |
| 4** | 5318.800        | 96.08            | -3.07       | --             | --          | AV       | 151.00         | 100         | Horizontal | N/A     |
| 5   | 7427.513        | 48.34            | -2.28       | 74.0           | 25.66       | Peak     | 19.00          | 100         | Horizontal | Pass    |
| 5** | 7427.513        | 39.59            | -2.28       | 54.0           | 14.41       | AV       | 19.00          | 100         | Horizontal | Pass    |
| 6   | 12332.262       | 51.27            | 1.83        | 74.0           | 22.73       | Peak     | 333.00         | 300         | Horizontal | Pass    |
| 6** | 12332.262       | 41.80            | 1.83        | 54.0           | 12.20       | AV       | 333.00         | 300         | 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   | 1355.400        | 38.29            | -17.38      | 74.0           | 35.71       | Peak     | 351.00         | 300         | Vertical | Pass    |
| 1** | 1355.400        | 28.81            | -17.38      | 54.0           | 25.19       | AV       | 351.00         | 300         | Vertical | Pass    |
| 2   | 2741.500        | 44.64            | -10.35      | 74.0           | 29.36       | Peak     | 245.00         | 200         | Vertical | Pass    |
| 2** | 2741.500        | 35.59            | -10.35      | 54.0           | 18.41       | AV       | 245.00         | 200         | Vertical | Pass    |
| 3   | 4270.200        | 48.78            | -4.62       | 74.0           | 25.22       | Peak     | 55.00          | 150         | Vertical | Pass    |
| 3** | 4270.200        | 40.30            | -4.62       | 54.0           | 13.70       | AV       | 55.00          | 150         | Vertical | Pass    |
| 4   | 5321.200        | 99.79            | -3.22       | --             | --          | Peak     | 341.00         | 400         | Vertical | N/A     |
| 4** | 5321.200        | 92.82            | -3.22       | --             | --          | AV       | 341.00         | 400         | Vertical | N/A     |
| 5   | 7567.813        | 48.38            | -2.44       | 74.0           | 25.62       | Peak     | 279.00         | 200         | Vertical | Pass    |
| 5** | 7567.813        | 39.30            | -2.44       | 54.0           | 14.70       | AV       | 279.00         | 200         | Vertical | Pass    |
| 6   | 12248.025       | 51.75            | 2.52        | 74.0           | 22.25       | Peak     | 127.00         | 300         | Vertical | Pass    |
| 6** | 12248.025       | 42.10            | 2.52        | 54.0           | 11.90       | AV       | 127.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1409.600        | 38.86            | -17.08      | 74.0           | 35.14       | Peak     | 210.00         | 200         | Horizontal | Pass    |
| 1** | 1409.600        | 29.42            | -17.08      | 54.0           | 24.58       | AV       | 210.00         | 200         | Horizontal | Pass    |
| 2   | 2731.400        | 44.69            | -10.34      | 74.0           | 29.31       | Peak     | 115.00         | 100         | Horizontal | Pass    |
| 2** | 2731.400        | 34.76            | -10.34      | 54.0           | 19.24       | AV       | 115.00         | 100         | Horizontal | Pass    |
| 3   | 4261.600        | 49.16            | -4.40       | 74.0           | 24.84       | Peak     | 129.00         | 150         | Horizontal | Pass    |
| 3** | 4261.600        | 39.84            | -4.40       | 54.0           | 14.16       | AV       | 129.00         | 150         | Horizontal | Pass    |
| 4   | 5258.800        | 103.04           | -3.64       | --             | --          | Peak     | 154.00         | 400         | Horizontal | N/A     |
| 4** | 5258.800        | 95.57            | -3.64       | --             | --          | AV       | 154.00         | 400         | Horizontal | N/A     |
| 5   | 7550.562        | 48.35            | -2.31       | 74.0           | 25.65       | Peak     | 119.00         | 200         | Horizontal | Pass    |
| 5** | 7550.562        | 39.60            | -2.31       | 54.0           | 14.40       | AV       | 119.00         | 200         | Horizontal | Pass    |
| 6   | 12216.688       | 51.25            | 2.41        | 74.0           | 22.75       | Peak     | 54.00          | 400         | Horizontal | Pass    |
| 6** | 12216.688       | 42.17            | 2.41        | 54.0           | 11.83       | AV       | 54.00          | 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   | 1419.900        | 38.41            | -17.29      | 74.0           | 35.59       | Peak     | 8.00           | 200         | Vertical | Pass    |
| 1** | 1419.900        | 29.00            | -17.29      | 54.0           | 25.00       | AV       | 8.00           | 200         | Vertical | Pass    |
| 2   | 2814.000        | 44.67            | -10.53      | 74.0           | 29.33       | Peak     | 93.00          | 200         | Vertical | Pass    |
| 2** | 2814.000        | 35.26            | -10.53      | 54.0           | 18.74       | AV       | 93.00          | 200         | Vertical | Pass    |
| 3   | 4311.000        | 49.35            | -4.65       | 74.0           | 24.65       | Peak     | 128.00         | 100         | Vertical | Pass    |
| 3** | 4311.000        | 40.06            | -4.65       | 54.0           | 13.94       | AV       | 128.00         | 100         | Vertical | Pass    |
| 4   | 5258.600        | 100.49           | -3.64       | --             | --          | Peak     | 160.00         | 100         | Vertical | N/A     |
| 4** | 5258.600        | 93.09            | -3.64       | --             | --          | AV       | 160.00         | 100         | Vertical | N/A     |
| 5   | 7580.750        | 48.13            | -2.62       | 74.0           | 25.87       | Peak     | 334.00         | 100         | Vertical | Pass    |
| 5** | 7580.750        | 39.54            | -2.62       | 54.0           | 14.46       | AV       | 334.00         | 100         | Vertical | Pass    |
| 6   | 11675.900       | 51.08            | 1.92        | 74.0           | 22.92       | Peak     | 10.00          | 200         | Vertical | Pass    |
| 6** | 11675.900       | 40.94            | 1.92        | 54.0           | 13.06       | AV       | 10.00          | 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   | 1317.100        | 38.18            | -17.36      | 74.0           | 35.82       | Peak     | 235.00         | 100         | Horizontal | Pass    |
| 1** | 1317.100        | 28.95            | -17.36      | 54.0           | 25.05       | AV       | 235.00         | 100         | Horizontal | Pass    |
| 2   | 2808.000        | 44.45            | -10.63      | 74.0           | 29.55       | Peak     | 201.00         | 400         | Horizontal | Pass    |
| 2** | 2808.000        | 35.43            | -10.63      | 54.0           | 18.57       | AV       | 201.00         | 400         | Horizontal | Pass    |
| 3   | 4311.200        | 49.00            | -4.65       | 74.0           | 25.00       | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 3** | 4311.200        | 39.41            | -4.65       | 54.0           | 14.59       | AV       | 0.00           | 150         | Horizontal | Pass    |
| 4   | 5299.000        | 102.27           | -3.17       | --             | --          | Peak     | 152.00         | 300         | Horizontal | N/A     |
| 4** | 5299.000        | 94.96            | -3.17       | --             | --          | AV       | 152.00         | 300         | Horizontal | N/A     |
| 5   | 7427.513        | 47.99            | -2.28       | 74.0           | 26.01       | Peak     | 171.00         | 100         | Horizontal | Pass    |
| 5** | 7427.513        | 39.16            | -2.28       | 54.0           | 14.84       | AV       | 171.00         | 100         | Horizontal | Pass    |
| 6   | 12228.763       | 51.09            | 2.43        | 74.0           | 22.91       | Peak     | 63.00          | 400         | Horizontal | Pass    |
| 6** | 12228.763       | 42.63            | 2.43        | 54.0           | 11.37       | AV       | 63.00          | 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   | 1600.500        | 39.22            | -17.62      | 74.0           | 34.78       | Peak     | 310.00         | 150         | Vertical | Pass    |
| 1** | 1600.500        | 28.35            | -17.62      | 54.0           | 25.65       | AV       | 310.00         | 150         | Vertical | Pass    |
| 2   | 2816.400        | 44.76            | -10.48      | 74.0           | 29.24       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 2** | 2816.400        | 34.95            | -10.48      | 54.0           | 19.05       | AV       | 360.00         | 100         | Vertical | Pass    |
| 3   | 4296.400        | 49.05            | -4.52       | 74.0           | 24.95       | Peak     | 39.00          | 100         | Vertical | Pass    |
| 3** | 4296.400        | 39.63            | -4.52       | 54.0           | 14.37       | AV       | 39.00          | 100         | Vertical | Pass    |
| 4   | 5302.000        | 98.91            | -3.13       | --             | --          | Peak     | 334.00         | 300         | Vertical | N/A     |
| 4** | 5302.000        | 91.21            | -3.13       | --             | --          | AV       | 334.00         | 300         | Vertical | N/A     |
| 5   | 7423.775        | 48.58            | -2.29       | 74.0           | 25.42       | Peak     | 0.00           | 150         | Vertical | Pass    |
| 5** | 7423.775        | 38.84            | -2.29       | 54.0           | 15.16       | AV       | 0.00           | 150         | Vertical | Pass    |
| 6   | 12213.238       | 51.05            | 2.40        | 74.0           | 22.95       | Peak     | 8.00           | 200         | Vertical | Pass    |
| 6** | 12213.238       | 42.28            | 2.40        | 54.0           | 11.72       | AV       | 8.00           | 200         | 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   | 1403.900        | 38.37            | -17.19      | 74.0           | 35.63       | Peak     | 2.00           | 100         | Horizontal | Pass    |
| 1** | 1403.900        | 28.48            | -17.19      | 54.0           | 25.52       | AV       | 2.00           | 100         | Horizontal | Pass    |
| 2   | 2859.800        | 44.33            | -10.23      | 74.0           | 29.67       | Peak     | 276.00         | 100         | Horizontal | Pass    |
| 2** | 2859.800        | 35.01            | -10.23      | 54.0           | 18.99       | AV       | 276.00         | 100         | Horizontal | Pass    |
| 3   | 4306.600        | 49.09            | -4.54       | 74.0           | 24.91       | Peak     | 160.00         | 150         | Horizontal | Pass    |
| 3** | 4306.600        | 40.00            | -4.54       | 54.0           | 14.00       | AV       | 160.00         | 150         | Horizontal | Pass    |
| 4   | 5318.200        | 102.80           | -3.07       | --             | --          | Peak     | 152.00         | 100         | Horizontal | N/A     |
| 4** | 5318.200        | 95.43            | -3.07       | --             | --          | AV       | 152.00         | 100         | Horizontal | N/A     |
| 5   | 7507.438        | 48.07            | -2.17       | 74.0           | 25.93       | Peak     | 194.00         | 100         | Horizontal | Pass    |
| 5** | 7507.438        | 38.47            | -2.17       | 54.0           | 15.53       | AV       | 194.00         | 100         | Horizontal | Pass    |
| 6   | 12131.013       | 51.08            | 1.81        | 74.0           | 22.92       | Peak     | 32.00          | 100         | Horizontal | Pass    |
| 6** | 12131.013       | 40.83            | 1.81        | 54.0           | 13.17       | AV       | 32.00          | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1314.100        | 38.47            | -17.33      | 74.0           | 35.53       | Peak     | 153.00         | 200         | Vertical | Pass    |
| 1** | 1314.100        | 29.80            | -17.33      | 54.0           | 24.20       | AV       | 153.00         | 200         | Vertical | Pass    |
| 2   | 2747.900        | 44.97            | -10.22      | 74.0           | 29.03       | Peak     | 359.00         | 200         | Vertical | Pass    |
| 2** | 2747.900        | 35.49            | -10.22      | 54.0           | 18.51       | AV       | 359.00         | 200         | Vertical | Pass    |
| 3   | 4299.400        | 48.96            | -4.51       | 74.0           | 25.04       | Peak     | 215.00         | 150         | Vertical | Pass    |
| 3** | 4299.400        | 40.79            | -4.51       | 54.0           | 13.21       | AV       | 215.00         | 150         | Vertical | Pass    |
| 4   | 5320.000        | 99.35            | -3.14       | --             | --          | Peak     | 336.00         | 300         | Vertical | N/A     |
| 4** | 5320.000        | 90.68            | -3.14       | --             | --          | AV       | 336.00         | 300         | Vertical | N/A     |
| 5   | 7554.875        | 48.03            | -2.47       | 74.0           | 25.97       | Peak     | 227.00         | 100         | Vertical | Pass    |
| 5** | 7554.875        | 38.79            | -2.47       | 54.0           | 15.21       | AV       | 227.00         | 100         | Vertical | Pass    |
| 6   | 11636.799       | 51.53            | 2.09        | 74.0           | 22.47       | Peak     | 206.00         | 200         | Vertical | Pass    |
| 6** | 11636.799       | 41.68            | 2.09        | 54.0           | 12.32       | AV       | 206.00         | 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   | 1398.200        | 38.17            | -17.20      | 74.0           | 35.83       | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 1** | 1398.200        | 29.20            | -17.20      | 54.0           | 24.80       | AV       | 360.00         | 300         | Horizontal | Pass    |
| 2   | 2798.300        | 44.76            | -10.79      | 74.0           | 29.24       | Peak     | 106.00         | 300         | Horizontal | Pass    |
| 2** | 2798.300        | 34.59            | -10.79      | 54.0           | 19.41       | AV       | 106.00         | 300         | Horizontal | Pass    |
| 3   | 4307.800        | 49.12            | -4.56       | 74.0           | 24.88       | Peak     | 193.00         | 200         | Horizontal | Pass    |
| 3** | 4307.800        | 39.82            | -4.56       | 54.0           | 14.18       | AV       | 193.00         | 200         | Horizontal | Pass    |
| 4   | 5268.000        | 100.42           | -3.55       | --             | --          | Peak     | 168.00         | 400         | Horizontal | N/A     |
| 4** | 5268.000        | 92.65            | -3.55       | --             | --          | AV       | 168.00         | 400         | Horizontal | N/A     |
| 5   | 7577.300        | 48.14            | -2.54       | 74.0           | 25.86       | Peak     | 194.00         | 200         | Horizontal | Pass    |
| 5** | 7577.300        | 38.92            | -2.54       | 54.0           | 15.08       | AV       | 194.00         | 200         | Horizontal | Pass    |
| 6   | 12177.299       | 51.62            | 2.64        | 74.0           | 22.38       | Peak     | 67.00          | 300         | Horizontal | Pass    |
| 6** | 12177.299       | 42.74            | 2.64        | 54.0           | 11.26       | AV       | 67.00          | 300         | 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   | 1396.200        | 38.36            | -17.34      | 74.0           | 35.64       | Peak     | 200.00         | 100         | Vertical | Pass    |
| 1** | 1396.200        | 29.20            | -17.34      | 54.0           | 24.80       | AV       | 200.00         | 100         | Vertical | Pass    |
| 2   | 2821.100        | 44.88            | -10.29      | 74.0           | 29.12       | Peak     | 91.00          | 400         | Vertical | Pass    |
| 2** | 2821.100        | 34.74            | -10.29      | 54.0           | 19.26       | AV       | 91.00          | 400         | Vertical | Pass    |
| 3   | 4286.600        | 48.96            | -4.62       | 74.0           | 25.04       | Peak     | 326.00         | 200         | Vertical | Pass    |
| 3** | 4286.600        | 39.67            | -4.62       | 54.0           | 14.33       | AV       | 326.00         | 200         | Vertical | Pass    |
| 4   | 5266.800        | 96.34            | -3.55       | --             | --          | Peak     | 152.00         | 300         | Vertical | N/A     |
| 4** | 5266.800        | 88.85            | -3.55       | --             | --          | AV       | 152.00         | 300         | Vertical | N/A     |
| 5   | 7568.388        | 47.79            | -2.43       | 74.0           | 26.21       | Peak     | 163.00         | 100         | Vertical | Pass    |
| 5** | 7568.388        | 39.08            | -2.43       | 54.0           | 14.92       | AV       | 163.00         | 100         | Vertical | Pass    |
| 6   | 11653.188       | 50.92            | 1.90        | 74.0           | 23.08       | Peak     | 34.00          | 300         | Vertical | Pass    |
| 6** | 11653.188       | 41.59            | 1.90        | 54.0           | 12.41       | AV       | 34.00          | 300         | 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   | 1359.800        | 38.57            | -17.25      | 74.0           | 35.43       | Peak     | 24.00          | 400         | Horizontal | Pass    |
| 1** | 1359.800        | 29.10            | -17.25      | 54.0           | 24.90       | AV       | 24.00          | 400         | Horizontal | Pass    |
| 2   | 2795.100        | 44.70            | -10.94      | 74.0           | 29.30       | Peak     | 93.00          | 200         | Horizontal | Pass    |
| 2** | 2795.100        | 35.62            | -10.94      | 54.0           | 18.38       | AV       | 93.00          | 200         | Horizontal | Pass    |
| 3   | 4300.200        | 49.36            | -4.55       | 74.0           | 24.64       | Peak     | 232.00         | 150         | Horizontal | Pass    |
| 3** | 4300.200        | 40.11            | -4.55       | 54.0           | 13.89       | AV       | 232.00         | 150         | Horizontal | Pass    |
| 4   | 5308.400        | 100.17           | -3.09       | --             | --          | Peak     | 160.00         | 400         | Horizontal | N/A     |
| 4** | 5308.400        | 92.89            | -3.09       | --             | --          | AV       | 160.00         | 400         | Horizontal | N/A     |
| 5   | 7575.000        | 48.42            | -2.53       | 74.0           | 25.58       | Peak     | 20.00          | 100         | Horizontal | Pass    |
| 5** | 7575.000        | 39.02            | -2.53       | 54.0           | 14.98       | AV       | 20.00          | 100         | Horizontal | Pass    |
| 6   | 12118.075       | 50.86            | 1.34        | 74.0           | 23.14       | Peak     | 116.00         | 400         | Horizontal | Pass    |
| 6** | 12118.075       | 40.53            | 1.34        | 54.0           | 13.47       | AV       | 116.00         | 400         | 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   | 1357.000        | 38.72            | -17.31      | 74.0           | 35.28       | Peak     | 134.00         | 300         | Vertical | Pass    |
| 1** | 1357.000        | 29.18            | -17.31      | 54.0           | 24.82       | AV       | 134.00         | 300         | Vertical | Pass    |
| 2   | 2830.100        | 45.26            | -10.34      | 74.0           | 28.74       | Peak     | 214.00         | 100         | Vertical | Pass    |
| 2** | 2830.100        | 35.46            | -10.34      | 54.0           | 18.54       | AV       | 214.00         | 100         | Vertical | Pass    |
| 3   | 4286.800        | 49.43            | -4.62       | 74.0           | 24.57       | Peak     | 349.00         | 100         | Vertical | Pass    |
| 3** | 4286.800        | 39.91            | -4.62       | 54.0           | 14.09       | AV       | 349.00         | 100         | Vertical | Pass    |
| 4   | 5311.400        | 96.67            | -3.06       | --             | --          | Peak     | 331.00         | 200         | Vertical | N/A     |
| 4** | 5311.400        | 89.86            | -3.06       | --             | --          | AV       | 331.00         | 200         | Vertical | N/A     |
| 5   | 7433.550        | 48.21            | -2.54       | 74.0           | 25.79       | Peak     | 323.00         | 200         | Vertical | Pass    |
| 5** | 7433.550        | 39.13            | -2.54       | 54.0           | 14.87       | AV       | 323.00         | 200         | Vertical | Pass    |
| 6   | 12187.650       | 50.97            | 2.53        | 74.0           | 23.03       | Peak     | 235.00         | 200         | Vertical | Pass    |
| 6** | 12187.650       | 41.75            | 2.53        | 54.0           | 12.25       | AV       | 235.00         | 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   | 1351.400        | 38.66            | -17.31      | 74.0           | 35.34       | Peak     | 282.00         | 300         | Horizontal | Pass    |
| 1** | 1351.400        | 29.04            | -17.31      | 54.0           | 24.96       | AV       | 282.00         | 300         | Horizontal | Pass    |
| 2   | 2750.600        | 44.51            | -10.33      | 74.0           | 29.49       | Peak     | 228.00         | 300         | Horizontal | Pass    |
| 2** | 2750.600        | 35.44            | -10.33      | 54.0           | 18.56       | AV       | 228.00         | 300         | Horizontal | Pass    |
| 3   | 4320.600        | 49.51            | -4.75       | 74.0           | 24.49       | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 3** | 4320.600        | 40.58            | -4.75       | 54.0           | 13.42       | AV       | 0.00           | 200         | Horizontal | Pass    |
| 4   | 5261.800        | 101.12           | -3.69       | --             | --          | Peak     | 176.00         | 300         | Horizontal | N/A     |
| 4** | 5261.800        | 93.99            | -3.69       | --             | --          | AV       | 176.00         | 300         | Horizontal | N/A     |
| 5   | 7568.963        | 48.32            | -2.43       | 74.0           | 25.68       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 5** | 7568.963        | 39.91            | -2.43       | 54.0           | 14.09       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 6   | 12212.375       | 51.02            | 2.40        | 74.0           | 22.98       | Peak     | 236.00         | 400         | Horizontal | Pass    |
| 6** | 12212.375       | 41.89            | 2.40        | 54.0           | 12.11       | AV       | 236.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1363.300        | 38.64            | -17.36      | 74.0           | 35.36       | Peak     | 349.00         | 100         | Vertical | Pass    |
| 1** | 1363.300        | 29.37            | -17.36      | 54.0           | 24.63       | AV       | 349.00         | 100         | Vertical | Pass    |
| 2   | 2761.700        | 44.46            | -10.88      | 74.0           | 29.54       | Peak     | 1.00           | 200         | Vertical | Pass    |
| 2** | 2761.700        | 35.02            | -10.88      | 54.0           | 18.98       | AV       | 1.00           | 200         | Vertical | Pass    |
| 3   | 4296.400        | 49.43            | -4.52       | 74.0           | 24.57       | Peak     | 217.00         | 150         | Vertical | Pass    |
| 3** | 4296.400        | 39.90            | -4.52       | 54.0           | 14.10       | AV       | 217.00         | 150         | Vertical | Pass    |
| 4   | 5258.200        | 98.46            | -3.64       | --             | --          | Peak     | 336.00         | 300         | Vertical | N/A     |
| 4** | 5258.200        | 91.51            | -3.64       | --             | --          | AV       | 336.00         | 300         | Vertical | N/A     |
| 5   | 7419.463        | 48.07            | -2.24       | 74.0           | 25.93       | Peak     | 14.00          | 150         | Vertical | Pass    |
| 5** | 7419.463        | 39.13            | -2.24       | 54.0           | 14.87       | AV       | 14.00          | 150         | Vertical | Pass    |
| 6   | 12231.638       | 51.08            | 2.43        | 74.0           | 22.92       | Peak     | 227.00         | 100         | Vertical | Pass    |
| 6** | 12231.638       | 42.39            | 2.43        | 54.0           | 11.61       | AV       | 227.00         | 100         | Vertical | Pass    |



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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1395.400        | 38.92            | -17.34      | 74.0           | 35.08       | Peak     | 127.00         | 400         | Horizontal | Pass    |
| 1** | 1395.400        | 30.42            | -17.34      | 54.0           | 23.58       | AV       | 127.00         | 400         | Horizontal | Pass    |
| 2   | 2814.600        | 44.66            | -10.53      | 74.0           | 29.34       | Peak     | 11.00          | 300         | Horizontal | Pass    |
| 2** | 2814.600        | 35.09            | -10.53      | 54.0           | 18.91       | AV       | 11.00          | 300         | Horizontal | Pass    |
| 3   | 4306.200        | 49.09            | -4.55       | 74.0           | 24.91       | Peak     | 16.00          | 100         | Horizontal | Pass    |
| 3** | 4306.200        | 40.34            | -4.55       | 54.0           | 13.66       | AV       | 16.00          | 100         | Horizontal | Pass    |
| 4   | 5302.800        | 102.39           | -3.10       | --             | --          | Peak     | 158.00         | 200         | Horizontal | N/A     |
| 4** | 5302.800        | 94.86            | -3.10       | --             | --          | AV       | 158.00         | 200         | Horizontal | N/A     |
| 5   | 7421.188        | 48.43            | -2.27       | 74.0           | 25.57       | Peak     | 302.00         | 150         | Horizontal | Pass    |
| 5** | 7421.188        | 38.98            | -2.27       | 54.0           | 15.02       | AV       | 302.00         | 150         | Horizontal | Pass    |
| 6   | 12283.099       | 51.09            | 2.23        | 74.0           | 22.91       | Peak     | 181.00         | 200         | Horizontal | Pass    |
| 6** | 12283.099       | 41.90            | 2.23        | 54.0           | 12.10       | AV       | 181.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1408.400        | 38.68            | -17.04      | 74.0           | 35.32       | Peak     | 203.00         | 300         | Vertical | Pass    |
| 1** | 1408.400        | 29.25            | -17.04      | 54.0           | 24.75       | AV       | 203.00         | 300         | Vertical | Pass    |
| 2   | 2729.100        | 44.39            | -10.36      | 74.0           | 29.61       | Peak     | 209.00         | 100         | Vertical | Pass    |
| 2** | 2729.100        | 35.25            | -10.36      | 54.0           | 18.75       | AV       | 209.00         | 100         | Vertical | Pass    |
| 3   | 4293.800        | 48.87            | -4.53       | 74.0           | 25.13       | Peak     | 16.00          | 100         | Vertical | Pass    |
| 3** | 4293.800        | 40.13            | -4.53       | 54.0           | 13.87       | AV       | 16.00          | 100         | Vertical | Pass    |
| 4   | 5298.400        | 98.53            | -3.19       | --             | --          | Peak     | 334.00         | 200         | Vertical | N/A     |
| 4** | 5298.400        | 91.33            | -3.19       | --             | --          | AV       | 334.00         | 200         | Vertical | N/A     |
| 5   | 7415.150        | 48.63            | -2.19       | 74.0           | 25.37       | Peak     | 34.00          | 100         | Vertical | Pass    |
| 5** | 7415.150        | 39.23            | -2.19       | 54.0           | 14.77       | AV       | 34.00          | 100         | Vertical | Pass    |
| 6   | 12165.224       | 52.42            | 2.43        | 74.0           | 21.58       | Peak     | 194.00         | 400         | Vertical | Pass    |
| 6** | 12165.224       | 42.32            | 2.43        | 54.0           | 11.68       | AV       | 194.00         | 400         | 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   | 1350.400        | 38.80            | -17.32      | 74.0           | 35.20       | Peak     | 1.00           | 400         | Horizontal | Pass    |
| 1** | 1350.400        | 29.58            | -17.32      | 54.0           | 24.42       | AV       | 1.00           | 400         | Horizontal | Pass    |
| 2   | 2809.100        | 44.82            | -10.63      | 74.0           | 29.18       | Peak     | 98.00          | 300         | Horizontal | Pass    |
| 2** | 2809.100        | 35.51            | -10.63      | 54.0           | 18.49       | AV       | 98.00          | 300         | Horizontal | Pass    |
| 3   | 4312.600        | 48.89            | -4.68       | 74.0           | 25.11       | Peak     | 88.00          | 150         | Horizontal | Pass    |
| 3** | 4312.600        | 39.76            | -4.68       | 54.0           | 14.24       | AV       | 88.00          | 150         | Horizontal | Pass    |
| 4   | 5318.600        | 103.10           | -3.07       | --             | --          | Peak     | 152.00         | 400         | Horizontal | N/A     |
| 4** | 5318.600        | 95.33            | -3.07       | --             | --          | AV       | 152.00         | 400         | Horizontal | N/A     |
| 5   | 7579.313        | 48.51            | -2.59       | 74.0           | 25.49       | Peak     | 100.00         | 200         | Horizontal | Pass    |
| 5** | 7579.313        | 39.04            | -2.59       | 54.0           | 14.96       | AV       | 100.00         | 200         | Horizontal | Pass    |
| 6   | 12223.875       | 51.75            | 2.43        | 74.0           | 22.25       | Peak     | 5.00           | 100         | Horizontal | Pass    |
| 6** | 12223.875       | 42.00            | 2.43        | 54.0           | 12.00       | AV       | 5.00           | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1412.300        | 38.64            | -17.23      | 74.0           | 35.36       | Peak     | 233.00         | 100         | Vertical | Pass    |
| 1** | 1412.300        | 28.60            | -17.23      | 54.0           | 25.40       | AV       | 233.00         | 100         | Vertical | Pass    |
| 2   | 2746.000        | 45.19            | -10.30      | 74.0           | 28.81       | Peak     | 2.00           | 200         | Vertical | Pass    |
| 2** | 2746.000        | 35.49            | -10.30      | 54.0           | 18.51       | AV       | 2.00           | 200         | Vertical | Pass    |
| 3   | 4300.000        | 49.08            | -4.54       | 74.0           | 24.92       | Peak     | 116.00         | 100         | Vertical | Pass    |
| 3** | 4300.000        | 40.33            | -4.54       | 54.0           | 13.67       | AV       | 116.00         | 100         | Vertical | Pass    |
| 4   | 5318.800        | 98.99            | -3.07       | --             | --          | Peak     | 340.00         | 400         | Vertical | N/A     |
| 4** | 5318.800        | 91.79            | -3.07       | --             | --          | AV       | 340.00         | 400         | Vertical | N/A     |
| 5   | 7561.200        | 48.74            | -2.40       | 74.0           | 25.26       | Peak     | 82.00          | 150         | Vertical | Pass    |
| 5** | 7561.200        | 38.62            | -2.40       | 54.0           | 15.38       | AV       | 82.00          | 150         | Vertical | Pass    |
| 6   | 12219.850       | 51.23            | 2.42        | 74.0           | 22.77       | Peak     | 0.00           | 400         | Vertical | Pass    |
| 6** | 12219.850       | 42.11            | 2.42        | 54.0           | 11.89       | AV       | 0.00           | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1395.700        | 38.65            | -17.34      | 74.0           | 35.35       | Peak     | 78.00          | 300         | Horizontal | Pass    |
| 1** | 1395.700        | 29.28            | -17.34      | 54.0           | 24.72       | AV       | 78.00          | 300         | Horizontal | Pass    |
| 2   | 2732.000        | 44.32            | -10.41      | 74.0           | 29.68       | Peak     | 52.00          | 200         | Horizontal | Pass    |
| 2** | 2732.000        | 35.48            | -10.41      | 54.0           | 18.52       | AV       | 52.00          | 200         | Horizontal | Pass    |
| 3   | 4296.600        | 48.86            | -4.53       | 74.0           | 25.14       | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 3** | 4296.600        | 39.68            | -4.53       | 54.0           | 14.32       | AV       | 0.00           | 200         | Horizontal | Pass    |
| 4   | 5272.000        | 99.55            | -3.53       | --             | --          | Peak     | 152.00         | 100         | Horizontal | N/A     |
| 4** | 5272.000        | 92.18            | -3.53       | --             | --          | AV       | 152.00         | 100         | Horizontal | N/A     |
| 5   | 7566.375        | 48.44            | -2.47       | 74.0           | 25.56       | Peak     | 334.00         | 200         | Horizontal | Pass    |
| 5** | 7566.375        | 39.29            | -2.47       | 54.0           | 14.71       | AV       | 334.00         | 200         | Horizontal | Pass    |
| 6   | 12273.901       | 51.65            | 2.23        | 74.0           | 22.35       | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 6** | 12273.901       | 41.72            | 2.23        | 54.0           | 12.28       | AV       | 360.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1395.700        | 38.64            | -17.34      | 74.0           | 35.36       | Peak     | 122.00         | 200         | Vertical | Pass    |
| 1** | 1395.700        | 29.02            | -17.34      | 54.0           | 24.98       | AV       | 122.00         | 200         | Vertical | Pass    |
| 2   | 2762.500        | 44.26            | -10.87      | 74.0           | 29.74       | Peak     | 20.00          | 100         | Vertical | Pass    |
| 2** | 2762.500        | 34.85            | -10.87      | 54.0           | 19.15       | AV       | 20.00          | 100         | Vertical | Pass    |
| 3   | 4256.200        | 48.85            | -4.47       | 74.0           | 25.15       | Peak     | 127.00         | 100         | Vertical | Pass    |
| 3** | 4256.200        | 39.30            | -4.47       | 54.0           | 14.70       | AV       | 127.00         | 100         | Vertical | Pass    |
| 4   | 5275.400        | 95.91            | -3.55       | --             | --          | Peak     | 334.00         | 200         | Vertical | N/A     |
| 4** | 5275.400        | 87.85            | -3.55       | --             | --          | AV       | 334.00         | 200         | Vertical | N/A     |
| 5   | 7497.375        | 48.65            | -2.37       | 74.0           | 25.35       | Peak     | 67.00          | 150         | Vertical | Pass    |
| 5** | 7497.375        | 38.00            | -2.37       | 54.0           | 16.00       | AV       | 67.00          | 150         | Vertical | Pass    |
| 6   | 12003.363       | 50.87            | 0.59        | 74.0           | 23.13       | Peak     | 1.00           | 400         | Vertical | Pass    |
| 6** | 12003.363       | 40.49            | 0.59        | 54.0           | 13.51       | AV       | 1.00           | 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   | 1378.000        | 38.65            | -17.37      | 74.0           | 35.35       | Peak     | 59.00          | 200         | Horizontal | Pass    |
| 1** | 1378.000        | 28.63            | -17.37      | 54.0           | 25.37       | AV       | 59.00          | 200         | Horizontal | Pass    |
| 2   | 2746.500        | 44.47            | -10.27      | 74.0           | 29.53       | Peak     | 24.00          | 400         | Horizontal | Pass    |
| 2** | 2746.500        | 34.98            | -10.27      | 54.0           | 19.02       | AV       | 24.00          | 400         | Horizontal | Pass    |
| 3   | 4294.600        | 49.23            | -4.47       | 74.0           | 24.77       | Peak     | 88.00          | 200         | Horizontal | Pass    |
| 3** | 4294.600        | 40.15            | -4.47       | 54.0           | 13.85       | AV       | 88.00          | 200         | Horizontal | Pass    |
| 4   | 5312.400        | 100.23           | -3.10       | --             | --          | Peak     | 152.00         | 400         | Horizontal | N/A     |
| 4** | 5312.400        | 91.89            | -3.10       | --             | --          | AV       | 152.00         | 400         | Horizontal | N/A     |
| 5   | 7565.800        | 48.86            | -2.49       | 74.0           | 25.14       | Peak     | 94.00          | 100         | Horizontal | Pass    |
| 5** | 7565.800        | 38.85            | -2.49       | 54.0           | 15.15       | AV       | 94.00          | 100         | Horizontal | Pass    |
| 6   | 12337.150       | 51.84            | 1.76        | 74.0           | 22.16       | Peak     | 160.00         | 100         | Horizontal | Pass    |
| 6** | 12337.150       | 41.30            | 1.76        | 54.0           | 12.70       | AV       | 160.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1379.300        | 38.25            | -17.34      | 74.0           | 35.75       | Peak     | 248.00         | 300         | Vertical | Pass    |
| 1** | 1379.300        | 28.69            | -17.34      | 54.0           | 25.31       | AV       | 248.00         | 300         | Vertical | Pass    |
| 2   | 2856.000        | 45.02            | -10.26      | 74.0           | 28.98       | Peak     | 24.00          | 300         | Vertical | Pass    |
| 2** | 2856.000        | 34.95            | -10.26      | 54.0           | 19.05       | AV       | 24.00          | 300         | Vertical | Pass    |
| 3   | 4286.400        | 49.41            | -4.63       | 74.0           | 24.59       | Peak     | 197.00         | 200         | Vertical | Pass    |
| 3** | 4286.400        | 40.11            | -4.63       | 54.0           | 13.89       | AV       | 197.00         | 200         | Vertical | Pass    |
| 4   | 5307.600        | 96.54            | -3.09       | --             | --          | Peak     | 334.00         | 200         | Vertical | N/A     |
| 4** | 5307.600        | 88.57            | -3.09       | --             | --          | AV       | 334.00         | 200         | Vertical | N/A     |
| 5   | 7411.412        | 47.95            | -2.24       | 74.0           | 26.05       | Peak     | 34.00          | 150         | Vertical | Pass    |
| 5** | 7411.412        | 39.60            | -2.24       | 54.0           | 14.40       | AV       | 34.00          | 150         | Vertical | Pass    |
| 6   | 12221.862       | 51.33            | 2.42        | 74.0           | 22.67       | Peak     | 9.00           | 200         | Vertical | Pass    |
| 6** | 12221.862       | 41.58            | 2.42        | 54.0           | 12.42       | AV       | 9.00           | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1362.000        | 38.74            | -17.38      | 74.0           | 35.26       | Peak     | 268.00         | 200         | Horizontal | Pass    |
| 1** | 1362.000        | 29.20            | -17.38      | 54.0           | 24.80       | AV       | 268.00         | 200         | Horizontal | Pass    |
| 2   | 2816.900        | 44.87            | -10.45      | 74.0           | 29.13       | Peak     | 51.00          | 100         | Horizontal | Pass    |
| 2** | 2816.900        | 34.80            | -10.45      | 54.0           | 19.20       | AV       | 51.00          | 100         | Horizontal | Pass    |
| 3   | 4297.800        | 49.57            | -4.51       | 74.0           | 24.43       | Peak     | 80.00          | 100         | Horizontal | Pass    |
| 3** | 4297.800        | 39.81            | -4.51       | 54.0           | 14.19       | AV       | 80.00          | 100         | Horizontal | Pass    |
| 4   | 5294.200        | 96.61            | -3.31       | --             | --          | Peak     | 153.00         | 100         | Horizontal | N/A     |
| 4** | 5294.200        | 89.48            | -3.31       | --             | --          | AV       | 153.00         | 100         | Horizontal | N/A     |
| 5   | 7595.125        | 47.60            | -2.88       | 74.0           | 26.40       | Peak     | 220.00         | 100         | Horizontal | Pass    |
| 5** | 7595.125        | 38.59            | -2.88       | 54.0           | 15.41       | AV       | 220.00         | 100         | Horizontal | Pass    |
| 6   | 12298.625       | 52.17            | 2.29        | 74.0           | 21.83       | Peak     | 5.00           | 400         | Horizontal | Pass    |
| 6** | 12298.625       | 42.06            | 2.29        | 54.0           | 11.94       | AV       | 5.00           | 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   | 1523.100        | 38.98            | -17.47      | 74.0           | 35.02       | Peak     | 302.00         | 150         | Vertical | Pass    |
| 1** | 1523.100        | 29.68            | -17.47      | 54.0           | 24.32       | AV       | 302.00         | 150         | Vertical | Pass    |
| 2   | 2754.700        | 44.56            | -10.57      | 74.0           | 29.44       | Peak     | 50.00          | 400         | Vertical | Pass    |
| 2** | 2754.700        | 35.09            | -10.57      | 54.0           | 18.91       | AV       | 50.00          | 400         | Vertical | Pass    |
| 3   | 4227.200        | 49.23            | -4.52       | 74.0           | 24.77       | Peak     | 168.00         | 100         | Vertical | Pass    |
| 3** | 4227.200        | 39.78            | -4.52       | 54.0           | 14.22       | AV       | 168.00         | 100         | Vertical | Pass    |
| 4   | 5291.600        | 93.09            | -3.40       | --             | --          | Peak     | 328.00         | 400         | Vertical | N/A     |
| 4** | 5291.600        | 85.32            | -3.40       | --             | --          | AV       | 328.00         | 400         | Vertical | N/A     |
| 5   | 7563.500        | 48.06            | -2.50       | 74.0           | 25.94       | Peak     | 269.00         | 100         | Vertical | Pass    |
| 5** | 7563.500        | 39.68            | -2.50       | 54.0           | 14.32       | AV       | 269.00         | 100         | Vertical | Pass    |
| 6   | 11657.787       | 51.79            | 1.89        | 74.0           | 22.21       | Peak     | 279.00         | 200         | Vertical | Pass    |
| 6** | 11657.787       | 41.78            | 1.89        | 54.0           | 12.22       | AV       | 279.00         | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1400.400        | 38.72            | -17.29      | 74.0           | 35.28           | Peak     | 85.00          | 400         | Horizontal | Pass    |
| 1** | 1400.400        | 28.67            | -17.29      | 54.0           | 25.33           | AV       | 85.00          | 400         | Horizontal | Pass    |
| 2   | 2865.300        | 45.00            | -10.32      | 74.0           | 29.00           | Peak     | 124.00         | 400         | Horizontal | Pass    |
| 2** | 2865.300        | 35.51            | -10.32      | 54.0           | 18.49           | AV       | 124.00         | 400         | Horizontal | Pass    |
| 3   | 4268.000        | 49.39            | -4.63       | 74.0           | 24.61           | Peak     | 321.00         | 150         | Horizontal | Pass    |
| 3** | 4268.000        | 39.68            | -4.63       | 54.0           | 14.32           | AV       | 321.00         | 150         | Horizontal | Pass    |
| 4   | 5501.000        | 105.65           | -2.68       | --             | --              | Peak     | 142.00         | 200         | Horizontal | N/A     |
| 4** | 5501.000        | 98.76            | -2.68       | --             | --              | AV       | 142.00         | 200         | Horizontal | N/A     |
| 5   | 7612.087        | 48.17            | -3.06       | 74.0           | 25.83           | Peak     | 83.00          | 100         | Horizontal | Pass    |
| 5** | 7612.087        | 38.47            | -3.06       | 54.0           | 15.53           | AV       | 83.00          | 100         | Horizontal | Pass    |
| 6   | 12171.263       | 51.46            | 2.57        | 74.0           | 22.54           | Peak     | 204.00         | 400         | Horizontal | Pass    |
| 6** | 12171.263       | 42.12            | 2.57        | 54.0           | 11.88           | AV       | 204.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1363.400        | 38.45            | -17.36      | 74.0           | 35.55           | Peak     | 65.00          | 100         | Vertical | Pass    |
| 1** | 1363.400        | 29.26            | -17.36      | 54.0           | 24.74           | AV       | 65.00          | 100         | Vertical | Pass    |
| 2   | 2743.200        | 44.73            | -10.31      | 74.0           | 29.27           | Peak     | 0.00           | 100         | Vertical | Pass    |
| 2** | 2743.200        | 35.87            | -10.31      | 54.0           | 18.13           | AV       | 0.00           | 100         | Vertical | Pass    |
| 3   | 4299.600        | 49.82            | -4.52       | 74.0           | 24.18           | Peak     | 125.00         | 150         | Vertical | Pass    |
| 3** | 4299.600        | 40.39            | -4.52       | 54.0           | 13.61           | AV       | 125.00         | 150         | Vertical | Pass    |
| 4   | 5501.200        | 103.37           | -2.68       | --             | --              | Peak     | 305.00         | 200         | Vertical | N/A     |
| 4** | 5501.200        | 96.25            | -2.68       | --             | --              | AV       | 305.00         | 200         | Vertical | N/A     |
| 5   | 7338.962        | 48.68            | -3.09       | 74.0           | 25.32           | Peak     | 321.00         | 150         | Vertical | Pass    |
| 5** | 7338.962        | 37.88            | -3.09       | 54.0           | 16.12           | AV       | 321.00         | 150         | Vertical | Pass    |
| 6   | 12218.412       | 51.32            | 2.41        | 74.0           | 22.68           | Peak     | 277.00         | 300         | Vertical | Pass    |
| 6** | 12218.412       | 42.06            | 2.41        | 54.0           | 11.94           | AV       | 277.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1386.600        | 38.82            | -17.21      | 74.0           | 35.18           | Peak     | 227.00         | 300         | Horizontal | Pass    |
| 1** | 1386.600        | 29.24            | -17.21      | 54.0           | 24.76           | AV       | 227.00         | 300         | Horizontal | Pass    |
| 2   | 2838.200        | 45.02            | -10.38      | 74.0           | 28.98           | Peak     | 24.00          | 100         | Horizontal | Pass    |
| 2** | 2838.200        | 36.05            | -10.38      | 54.0           | 17.95           | AV       | 24.00          | 100         | Horizontal | Pass    |
| 3   | 4287.800        | 48.71            | -4.60       | 74.0           | 25.29           | Peak     | 1.00           | 200         | Horizontal | Pass    |
| 3** | 4287.800        | 39.68            | -4.60       | 54.0           | 14.32           | AV       | 1.00           | 200         | Horizontal | Pass    |
| 4   | 5577.600        | 106.01           | -3.24       | --             | --              | Peak     | 140.00         | 300         | Horizontal | N/A     |
| 4** | 5577.600        | 98.59            | -3.24       | --             | --              | AV       | 140.00         | 300         | Horizontal | N/A     |
| 5   | 7586.788        | 48.12            | -2.76       | 74.0           | 25.88           | Peak     | 127.00         | 150         | Horizontal | Pass    |
| 5** | 7586.788        | 38.61            | -2.76       | 54.0           | 15.39           | AV       | 127.00         | 150         | Horizontal | Pass    |
| 6   | 12255.500       | 51.31            | 2.48        | 74.0           | 22.69           | Peak     | 28.00          | 400         | Horizontal | Pass    |
| 6** | 12255.500       | 41.61            | 2.48        | 54.0           | 12.39           | AV       | 28.00          | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1315.900        | 38.36            | -17.34      | 74.0           | 35.64           | Peak     | 272.00         | 100         | Vertical | Pass    |
| 1** | 1315.900        | 28.85            | -17.34      | 54.0           | 25.15           | AV       | 272.00         | 100         | Vertical | Pass    |
| 2   | 2876.400        | 44.73            | -10.34      | 74.0           | 29.27           | Peak     | 294.00         | 100         | Vertical | Pass    |
| 2** | 2876.400        | 34.80            | -10.34      | 54.0           | 19.20           | AV       | 294.00         | 100         | Vertical | Pass    |
| 3   | 4288.200        | 49.58            | -4.59       | 74.0           | 24.42           | Peak     | 360.00         | 100         | Vertical | Pass    |
| 3** | 4288.200        | 39.95            | -4.59       | 54.0           | 14.05           | AV       | 360.00         | 100         | Vertical | Pass    |
| 4   | 5582.000        | 104.54           | -3.22       | --             | --              | Peak     | 288.00         | 300         | Vertical | N/A     |
| 4** | 5582.000        | 97.26            | -3.22       | --             | --              | AV       | 288.00         | 300         | Vertical | N/A     |
| 5   | 7416.300        | 48.34            | -2.19       | 74.0           | 25.66           | Peak     | 344.00         | 100         | Vertical | Pass    |
| 5** | 7416.300        | 38.77            | -2.19       | 54.0           | 15.23           | AV       | 344.00         | 100         | Vertical | Pass    |
| 6   | 12183.338       | 51.63            | 2.59        | 74.0           | 22.37           | Peak     | 127.00         | 300         | Vertical | Pass    |
| 6** | 12183.338       | 41.77            | 2.59        | 54.0           | 12.23           | AV       | 127.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1318.300        | 38.27            | -17.44      | 74.0           | 35.73           | Peak     | 191.00         | 300         | Horizontal | Pass    |
| 1** | 1318.300        | 28.44            | -17.44      | 54.0           | 25.56           | AV       | 191.00         | 300         | Horizontal | Pass    |
| 2   | 2744.000        | 44.74            | -10.31      | 74.0           | 29.26           | Peak     | 171.00         | 300         | Horizontal | Pass    |
| 2** | 2744.000        | 35.60            | -10.31      | 54.0           | 18.40           | AV       | 171.00         | 300         | Horizontal | Pass    |
| 3   | 4309.800        | 48.68            | -4.67       | 74.0           | 25.32           | Peak     | 2.00           | 100         | Horizontal | Pass    |
| 3** | 4309.800        | 39.90            | -4.67       | 54.0           | 14.10           | AV       | 2.00           | 100         | Horizontal | Pass    |
| 4   | 5701.200        | 105.73           | -3.80       | --             | --              | Peak     | 168.00         | 300         | Horizontal | N/A     |
| 4** | 5701.200        | 98.05            | -3.80       | --             | --              | AV       | 168.00         | 300         | Horizontal | N/A     |
| 5   | 7562.925        | 48.82            | -2.49       | 74.0           | 25.18           | Peak     | 135.00         | 100         | Horizontal | Pass    |
| 5** | 7562.925        | 39.20            | -2.49       | 54.0           | 14.80           | AV       | 135.00         | 100         | Horizontal | Pass    |
| 6   | 12232.500       | 50.99            | 2.43        | 74.0           | 23.01           | Peak     | 298.00         | 400         | Horizontal | Pass    |
| 6** | 12232.500       | 41.60            | 2.43        | 54.0           | 12.40           | AV       | 298.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1314.200        | 38.84            | -17.33      | 74.0           | 35.16           | Peak     | 58.00          | 200         | Vertical | Pass    |
| 1** | 1314.200        | 28.62            | -17.33      | 54.0           | 25.38           | AV       | 58.00          | 200         | Vertical | Pass    |
| 2   | 2762.300        | 44.76            | -10.87      | 74.0           | 29.24           | Peak     | 353.00         | 400         | Vertical | Pass    |
| 2** | 2762.300        | 34.62            | -10.87      | 54.0           | 19.38           | AV       | 353.00         | 400         | Vertical | Pass    |
| 3   | 4291.600        | 48.64            | -4.60       | 74.0           | 25.36           | Peak     | 2.00           | 200         | Vertical | Pass    |
| 3** | 4291.600        | 39.36            | -4.60       | 54.0           | 14.64           | AV       | 2.00           | 200         | Vertical | Pass    |
| 4   | 5697.800        | 105.66           | -3.68       | --             | --              | Peak     | 305.00         | 300         | Vertical | N/A     |
| 4** | 5697.800        | 98.44            | -3.68       | --             | --              | AV       | 305.00         | 300         | Vertical | N/A     |
| 5   | 7578.163        | 47.65            | -2.56       | 74.0           | 26.35           | Peak     | 252.00         | 100         | Vertical | Pass    |
| 5** | 7578.163        | 38.90            | -2.56       | 54.0           | 15.10           | AV       | 252.00         | 100         | Vertical | Pass    |
| 6   | 12194.838       | 51.29            | 2.43        | 74.0           | 22.71           | Peak     | 102.00         | 300         | Vertical | Pass    |
| 6** | 12194.838       | 41.87            | 2.43        | 54.0           | 12.13           | AV       | 102.00         | 300         | Vertical | Pass    |



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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1350.900        | 38.60            | -17.32      | 74.0           | 35.40           | Peak     | 198.00         | 100         | Horizontal | Pass    |
| 1** | 1350.900        | 30.21            | -17.32      | 54.0           | 23.79           | AV       | 198.00         | 100         | Horizontal | Pass    |
| 2   | 2746.300        | 44.76            | -10.28      | 74.0           | 29.24           | Peak     | 295.00         | 100         | Horizontal | Pass    |
| 2** | 2746.300        | 36.39            | -10.28      | 54.0           | 17.61           | AV       | 295.00         | 100         | Horizontal | Pass    |
| 3   | 4295.600        | 49.31            | -4.49       | 74.0           | 24.69           | Peak     | 2.00           | 100         | Horizontal | Pass    |
| 3** | 4295.600        | 39.76            | -4.49       | 54.0           | 14.24           | AV       | 2.00           | 100         | Horizontal | Pass    |
| 4   | 5501.200        | 105.14           | -2.68       | --             | --              | Peak     | 143.00         | 200         | Horizontal | N/A     |
| 4** | 5501.200        | 97.56            | -2.68       | --             | --              | AV       | 143.00         | 200         | Horizontal | N/A     |
| 5   | 7510.312        | 48.98            | -2.28       | 74.0           | 25.02           | Peak     | 133.00         | 100         | Horizontal | Pass    |
| 5** | 7510.312        | 38.95            | -2.28       | 54.0           | 15.05           | AV       | 133.00         | 100         | Horizontal | Pass    |
| 6   | 12172.701       | 52.09            | 2.61        | 74.0           | 21.91           | Peak     | 311.00         | 300         | Horizontal | Pass    |
| 6** | 12172.701       | 42.19            | 2.61        | 54.0           | 11.81           | AV       | 311.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1399.700        | 38.82            | -17.25      | 74.0           | 35.18           | Peak     | 117.00         | 400         | Vertical | Pass    |
| 1** | 1399.700        | 28.90            | -17.25      | 54.0           | 25.10           | AV       | 117.00         | 400         | Vertical | Pass    |
| 2   | 2863.800        | 44.59            | -10.27      | 74.0           | 29.41           | Peak     | 44.00          | 200         | Vertical | Pass    |
| 2** | 2863.800        | 35.29            | -10.27      | 54.0           | 18.71           | AV       | 44.00          | 200         | Vertical | Pass    |
| 3   | 4269.800        | 49.04            | -4.63       | 74.0           | 24.96           | Peak     | 158.00         | 100         | Vertical | Pass    |
| 3** | 4269.800        | 39.77            | -4.63       | 54.0           | 14.23           | AV       | 158.00         | 100         | Vertical | Pass    |
| 4   | 5500.200        | 102.52           | -2.70       | --             | --              | Peak     | 287.00         | 100         | Vertical | N/A     |
| 4** | 5500.200        | 94.93            | -2.70       | --             | --              | AV       | 287.00         | 100         | Vertical | N/A     |
| 5   | 7447.063        | 47.83            | -2.75       | 74.0           | 26.17           | Peak     | 315.00         | 100         | Vertical | Pass    |
| 5** | 7447.063        | 38.25            | -2.75       | 54.0           | 15.75           | AV       | 315.00         | 100         | Vertical | Pass    |
| 6   | 11631.912       | 51.38            | 2.10        | 74.0           | 22.62           | Peak     | 359.00         | 100         | Vertical | Pass    |
| 6** | 11631.912       | 41.92            | 2.10        | 54.0           | 12.08           | AV       | 359.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1360.900        | 38.21            | -17.30      | 74.0           | 35.79           | Peak     | 310.00         | 200         | Horizontal | Pass    |
| 1** | 1360.900        | 29.33            | -17.30      | 54.0           | 24.67           | AV       | 310.00         | 200         | Horizontal | Pass    |
| 2   | 2747.900        | 44.60            | -10.22      | 74.0           | 29.40           | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 2** | 2747.900        | 35.35            | -10.22      | 54.0           | 18.65           | AV       | 0.00           | 200         | Horizontal | Pass    |
| 3   | 4299.600        | 49.40            | -4.52       | 74.0           | 24.60           | Peak     | 106.00         | 200         | Horizontal | Pass    |
| 3** | 4299.600        | 40.01            | -4.52       | 54.0           | 13.99           | AV       | 106.00         | 200         | Horizontal | Pass    |
| 4   | 5581.000        | 105.93           | -3.22       | --             | --              | Peak     | 137.00         | 200         | Horizontal | N/A     |
| 4** | 5581.000        | 98.30            | -3.22       | --             | --              | AV       | 137.00         | 200         | Horizontal | N/A     |
| 5   | 7593.688        | 48.15            | -2.87       | 74.0           | 25.85           | Peak     | 355.00         | 200         | Horizontal | Pass    |
| 5** | 7593.688        | 38.58            | -2.87       | 54.0           | 15.42           | AV       | 355.00         | 200         | Horizontal | Pass    |
| 6   | 11625.300       | 51.34            | 2.03        | 74.0           | 22.66           | Peak     | 359.00         | 300         | Horizontal | Pass    |
| 6** | 11625.300       | 41.34            | 2.03        | 54.0           | 12.66           | AV       | 359.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1398.000        | 38.40            | -17.21      | 74.0           | 35.60           | Peak     | 256.00         | 300         | Vertical | Pass    |
| 1** | 1398.000        | 29.03            | -17.21      | 54.0           | 24.97           | AV       | 256.00         | 300         | Vertical | Pass    |
| 2   | 2767.600        | 44.95            | -11.00      | 74.0           | 29.05           | Peak     | 290.00         | 100         | Vertical | Pass    |
| 2** | 2767.600        | 35.16            | -11.00      | 54.0           | 18.84           | AV       | 290.00         | 100         | Vertical | Pass    |
| 3   | 4290.400        | 49.00            | -4.59       | 74.0           | 25.00           | Peak     | 102.00         | 200         | Vertical | Pass    |
| 3** | 4290.400        | 39.96            | -4.59       | 54.0           | 14.04           | AV       | 102.00         | 200         | Vertical | Pass    |
| 4   | 5579.000        | 103.85           | -3.25       | --             | --              | Peak     | 287.00         | 400         | Vertical | N/A     |
| 4** | 5579.000        | 97.58            | -3.25       | --             | --              | AV       | 287.00         | 400         | Vertical | N/A     |
| 5   | 7495.075        | 48.31            | -2.37       | 74.0           | 25.69           | Peak     | 192.00         | 150         | Vertical | Pass    |
| 5** | 7495.075        | 38.90            | -2.37       | 54.0           | 15.10           | AV       | 192.00         | 150         | Vertical | Pass    |
| 6   | 12229.049       | 51.81            | 2.43        | 74.0           | 22.19           | Peak     | 225.00         | 300         | Vertical | Pass    |
| 6** | 12229.049       | 42.18            | 2.43        | 54.0           | 11.82           | AV       | 225.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1329.000        | 38.47            | -17.46      | 74.0           | 35.53           | Peak     | 357.00         | 200         | Horizontal | Pass    |
| 1** | 1329.000        | 29.42            | -17.46      | 54.0           | 24.58           | AV       | 357.00         | 200         | Horizontal | Pass    |
| 2   | 2736.800        | 44.68            | -10.39      | 74.0           | 29.32           | Peak     | 357.00         | 200         | Horizontal | Pass    |
| 2** | 2736.800        | 35.38            | -10.39      | 54.0           | 18.62           | AV       | 357.00         | 200         | Horizontal | Pass    |
| 3   | 4184.400        | 50.44            | -4.86       | 74.0           | 23.56           | Peak     | 15.00          | 200         | Horizontal | Pass    |
| 3** | 4184.400        | 38.51            | -4.86       | 54.0           | 15.49           | AV       | 15.00          | 200         | Horizontal | Pass    |
| 4   | 5698.200        | 104.78           | -3.72       | --             | --              | Peak     | 136.00         | 100         | Horizontal | N/A     |
| 4** | 5698.200        | 97.47            | -3.72       | --             | --              | AV       | 136.00         | 100         | Horizontal | N/A     |
| 5   | 7491.337        | 47.94            | -2.39       | 74.0           | 26.06           | Peak     | 344.00         | 100         | Horizontal | Pass    |
| 5** | 7491.337        | 39.09            | -2.39       | 54.0           | 14.91           | AV       | 344.00         | 100         | Horizontal | Pass    |
| 6   | 12234.512       | 51.40            | 2.43        | 74.0           | 22.60           | Peak     | 359.00         | 100         | Horizontal | Pass    |
| 6** | 12234.512       | 42.21            | 2.43        | 54.0           | 11.79           | AV       | 359.00         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1311.000        | 38.44            | -17.20      | 74.0           | 35.56           | Peak     | 147.00         | 400         | Vertical | Pass    |
| 1** | 1311.000        | 29.06            | -17.20      | 54.0           | 24.94           | AV       | 147.00         | 400         | Vertical | Pass    |
| 2   | 2795.100        | 44.53            | -10.94      | 74.0           | 29.47           | Peak     | 0.00           | 100         | Vertical | Pass    |
| 2** | 2795.100        | 34.70            | -10.94      | 54.0           | 19.30           | AV       | 0.00           | 100         | Vertical | Pass    |
| 3   | 4281.200        | 48.76            | -4.55       | 74.0           | 25.24           | Peak     | 1.00           | 150         | Vertical | Pass    |
| 3** | 4281.200        | 40.37            | -4.55       | 54.0           | 13.63           | AV       | 1.00           | 150         | Vertical | Pass    |
| 4   | 5701.400        | 104.97           | -3.80       | --             | --              | Peak     | 273.00         | 100         | Vertical | N/A     |
| 4** | 5701.400        | 97.99            | -3.80       | --             | --              | AV       | 273.00         | 100         | Vertical | N/A     |
| 5   | 7567.237        | 48.55            | -2.45       | 74.0           | 25.45           | Peak     | 254.00         | 150         | Vertical | Pass    |
| 5** | 7567.237        | 39.30            | -2.45       | 54.0           | 14.70           | AV       | 254.00         | 150         | Vertical | Pass    |
| 6   | 12214.100       | 51.40            | 2.40        | 74.0           | 22.60           | Peak     | 28.00          | 200         | Vertical | Pass    |
| 6** | 12214.100       | 42.25            | 2.40        | 54.0           | 11.75           | AV       | 28.00          | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1362.000        | 38.30            | -17.38      | 74.0           | 35.70           | Peak     | 2.00           | 200         | Horizontal | Pass    |
| 1** | 1362.000        | 28.76            | -17.38      | 54.0           | 25.24           | AV       | 2.00           | 200         | Horizontal | Pass    |
| 2   | 2729.100        | 44.77            | -10.36      | 74.0           | 29.23           | Peak     | 2.00           | 400         | Horizontal | Pass    |
| 2** | 2729.100        | 35.45            | -10.36      | 54.0           | 18.55           | AV       | 2.00           | 400         | Horizontal | Pass    |
| 3   | 4291.600        | 48.75            | -4.60       | 74.0           | 25.25           | Peak     | 350.00         | 100         | Horizontal | Pass    |
| 3** | 4291.600        | 39.97            | -4.60       | 54.0           | 14.03           | AV       | 350.00         | 100         | Horizontal | Pass    |
| 4   | 5507.800        | 102.05           | -2.85       | --             | --              | Peak     | 145.00         | 400         | Horizontal | N/A     |
| 4** | 5507.800        | 94.65            | -2.85       | --             | --              | AV       | 145.00         | 400         | Horizontal | N/A     |
| 5   | 7594.550        | 48.84            | -2.86       | 74.0           | 25.16           | Peak     | 1.00           | 150         | Horizontal | Pass    |
| 5** | 7594.550        | 38.47            | -2.86       | 54.0           | 15.53           | AV       | 1.00           | 150         | Horizontal | Pass    |
| 6   | 12233.938       | 51.49            | 2.43        | 74.0           | 22.51           | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 6** | 12233.938       | 41.93            | 2.43        | 54.0           | 12.07           | AV       | 360.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1388.800        | 38.39            | -17.33      | 74.0           | 35.61           | Peak     | 52.00          | 400         | Vertical | Pass    |
| 1** | 1388.800        | 28.37            | -17.33      | 54.0           | 25.63           | AV       | 52.00          | 400         | Vertical | Pass    |
| 2   | 2725.300        | 44.94            | -10.43      | 74.0           | 29.06           | Peak     | 200.00         | 400         | Vertical | Pass    |
| 2** | 2725.300        | 35.97            | -10.43      | 54.0           | 18.03           | AV       | 200.00         | 400         | Vertical | Pass    |
| 3   | 4305.000        | 49.14            | -4.57       | 74.0           | 24.86           | Peak     | 198.00         | 100         | Vertical | Pass    |
| 3** | 4305.000        | 40.50            | -4.57       | 54.0           | 13.50           | AV       | 198.00         | 100         | Vertical | Pass    |
| 4   | 5507.800        | 99.62            | -2.85       | --             | --              | Peak     | 310.00         | 200         | Vertical | N/A     |
| 4** | 5507.800        | 92.58            | -2.85       | --             | --              | AV       | 310.00         | 200         | Vertical | N/A     |
| 5   | 7573.850        | 48.09            | -2.59       | 74.0           | 25.91           | Peak     | 11.00          | 100         | Vertical | Pass    |
| 5** | 7573.850        | 39.40            | -2.59       | 54.0           | 14.60           | AV       | 11.00          | 100         | Vertical | Pass    |
| 6   | 12258.950       | 52.38            | 2.44        | 74.0           | 21.62           | Peak     | 300.00         | 100         | Vertical | Pass    |
| 6** | 12258.950       | 41.52            | 2.44        | 54.0           | 12.48           | AV       | 300.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1406.100        | 38.55            | -17.17      | 74.0           | 35.45           | Peak     | 359.00         | 200         | Horizontal | Pass    |
| 1** | 1406.100        | 28.80            | -17.17      | 54.0           | 25.20           | AV       | 359.00         | 200         | Horizontal | Pass    |
| 2   | 2860.300        | 44.42            | -10.22      | 74.0           | 29.58           | Peak     | 168.00         | 100         | Horizontal | Pass    |
| 2** | 2860.300        | 36.31            | -10.22      | 54.0           | 17.69           | AV       | 168.00         | 100         | Horizontal | Pass    |
| 3   | 4342.400        | 49.21            | -4.70       | 74.0           | 24.79           | Peak     | 39.00          | 150         | Horizontal | Pass    |
| 3** | 4342.400        | 40.58            | -4.70       | 54.0           | 13.42           | AV       | 39.00          | 150         | Horizontal | Pass    |
| 4   | 5592.200        | 103.29           | -3.07       | --             | --              | Peak     | 142.00         | 300         | Horizontal | N/A     |
| 4** | 5592.200        | 96.05            | -3.07       | --             | --              | AV       | 142.00         | 300         | Horizontal | N/A     |
| 5   | 7569.538        | 47.70            | -2.44       | 74.0           | 26.30           | Peak     | 238.00         | 100         | Horizontal | Pass    |
| 5** | 7569.538        | 39.30            | -2.44       | 54.0           | 14.70           | AV       | 238.00         | 100         | Horizontal | Pass    |
| 6   | 12222.725       | 51.24            | 2.42        | 74.0           | 22.76           | Peak     | 10.00          | 300         | Horizontal | Pass    |
| 6** | 12222.725       | 41.81            | 2.42        | 54.0           | 12.19           | AV       | 10.00          | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1332.500        | 38.56            | -17.63      | 74.0           | 35.44           | Peak     | 302.00         | 100         | Vertical | Pass    |
| 1** | 1332.500        | 28.78            | -17.63      | 54.0           | 25.22           | AV       | 302.00         | 100         | Vertical | Pass    |
| 2   | 2758.300        | 44.64            | -10.72      | 74.0           | 29.36           | Peak     | 302.00         | 100         | Vertical | Pass    |
| 2** | 2758.300        | 34.76            | -10.72      | 54.0           | 19.24           | AV       | 302.00         | 100         | Vertical | Pass    |
| 3   | 4299.600        | 49.30            | -4.52       | 74.0           | 24.70           | Peak     | 174.00         | 100         | Vertical | Pass    |
| 3** | 4299.600        | 39.88            | -4.52       | 54.0           | 14.12           | AV       | 174.00         | 100         | Vertical | Pass    |
| 4   | 5588.000        | 101.50           | -3.16       | --             | --              | Peak     | 294.00         | 100         | Vertical | N/A     |
| 4** | 5588.000        | 93.79            | -3.16       | --             | --              | AV       | 294.00         | 100         | Vertical | N/A     |
| 5   | 7541.362        | 48.90            | -2.28       | 74.0           | 25.10           | Peak     | 152.00         | 150         | Vertical | Pass    |
| 5** | 7541.362        | 38.04            | -2.28       | 54.0           | 15.96           | AV       | 152.00         | 150         | Vertical | Pass    |
| 6   | 12348.363       | 51.15            | 1.60        | 74.0           | 22.85           | Peak     | 360.00         | 200         | Vertical | Pass    |
| 6** | 12348.363       | 41.10            | 1.60        | 54.0           | 12.90           | AV       | 360.00         | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1318.600        | 38.34            | -17.47      | 74.0           | 35.66           | Peak     | 45.00          | 300         | Horizontal | Pass    |
| 1** | 1318.600        | 28.89            | -17.47      | 54.0           | 25.11           | AV       | 45.00          | 300         | Horizontal | Pass    |
| 2   | 2728.000        | 44.64            | -10.37      | 74.0           | 29.36           | Peak     | 106.00         | 300         | Horizontal | Pass    |
| 2** | 2728.000        | 35.23            | -10.37      | 54.0           | 18.77           | AV       | 106.00         | 300         | Horizontal | Pass    |
| 3   | 4296.600        | 49.05            | -4.53       | 74.0           | 24.95           | Peak     | 272.00         | 150         | Horizontal | Pass    |
| 3** | 4296.600        | 40.09            | -4.53       | 54.0           | 13.91           | AV       | 272.00         | 150         | Horizontal | Pass    |
| 4   | 5668.000        | 102.76           | -3.52       | --             | --              | Peak     | 135.00         | 200         | Horizontal | N/A     |
| 4** | 5668.000        | 95.26            | -3.52       | --             | --              | AV       | 135.00         | 200         | Horizontal | N/A     |
| 5   | 7608.062        | 48.50            | -3.08       | 74.0           | 25.50           | Peak     | 194.00         | 150         | Horizontal | Pass    |
| 5** | 7608.062        | 38.78            | -3.08       | 54.0           | 15.22           | AV       | 194.00         | 150         | Horizontal | Pass    |
| 6   | 12214.388       | 51.53            | 2.40        | 74.0           | 22.47           | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 6** | 12214.388       | 41.80            | 2.40        | 54.0           | 12.20           | AV       | 0.00           | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1418.500        | 39.53            | -17.27      | 74.0           | 34.47           | Peak     | 241.00         | 100         | Vertical | Pass    |
| 1** | 1418.500        | 29.59            | -17.27      | 54.0           | 24.41           | AV       | 241.00         | 100         | Vertical | Pass    |
| 2   | 2746.200        | 45.28            | -10.29      | 74.0           | 28.72           | Peak     | 134.00         | 300         | Vertical | Pass    |
| 2** | 2746.200        | 35.13            | -10.29      | 54.0           | 18.87           | AV       | 134.00         | 300         | Vertical | Pass    |
| 3   | 4301.400        | 49.09            | -4.60       | 74.0           | 24.91           | Peak     | 208.00         | 150         | Vertical | Pass    |
| 3** | 4301.400        | 40.51            | -4.60       | 54.0           | 13.49           | AV       | 208.00         | 150         | Vertical | Pass    |
| 4   | 5666.600        | 101.15           | -3.48       | --             | --              | Peak     | 274.00         | 200         | Vertical | N/A     |
| 4** | 5666.600        | 93.02            | -3.48       | --             | --              | AV       | 274.00         | 200         | Vertical | N/A     |
| 5   | 7575.575        | 48.50            | -2.50       | 74.0           | 25.50           | Peak     | 302.00         | 100         | Vertical | Pass    |
| 5** | 7575.575        | 39.39            | -2.50       | 54.0           | 14.61           | AV       | 302.00         | 100         | Vertical | Pass    |
| 6   | 11692.862       | 51.34            | 1.61        | 74.0           | 22.66           | Peak     | 140.00         | 400         | Vertical | Pass    |
| 6** | 11692.862       | 42.14            | 1.61        | 54.0           | 11.86           | AV       | 140.00         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1408.800        | 38.60            | -17.01      | 74.0           | 35.40           | Peak     | 110.00         | 100         | Horizontal | Pass    |
| 1** | 1408.800        | 29.47            | -17.01      | 54.0           | 24.53           | AV       | 110.00         | 100         | Horizontal | Pass    |
| 2   | 2747.300        | 44.30            | -10.23      | 74.0           | 29.70           | Peak     | 251.00         | 400         | Horizontal | Pass    |
| 2** | 2747.300        | 35.81            | -10.23      | 54.0           | 18.19           | AV       | 251.00         | 400         | Horizontal | Pass    |
| 3   | 4301.200        | 49.21            | -4.59       | 74.0           | 24.79           | Peak     | 65.00          | 200         | Horizontal | Pass    |
| 3** | 4301.200        | 39.54            | -4.59       | 54.0           | 14.46           | AV       | 65.00          | 200         | Horizontal | Pass    |
| 4   | 5501.600        | 103.97           | -2.67       | --             | --              | Peak     | 152.00         | 300         | Horizontal | N/A     |
| 4** | 5501.600        | 96.21            | -2.67       | --             | --              | AV       | 152.00         | 300         | Horizontal | N/A     |
| 5   | 7583.912        | 47.80            | -2.68       | 74.0           | 26.20           | Peak     | 354.00         | 100         | Horizontal | Pass    |
| 5** | 7583.912        | 38.63            | -2.68       | 54.0           | 15.37           | AV       | 354.00         | 100         | Horizontal | Pass    |
| 6   | 12214.100       | 51.07            | 2.40        | 74.0           | 22.93           | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 6** | 12214.100       | 41.54            | 2.40        | 54.0           | 12.46           | AV       | 360.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1383.700        | 38.25            | -17.24      | 74.0           | 35.75           | Peak     | 194.00         | 200         | Vertical | Pass    |
| 1** | 1383.700        | 29.28            | -17.24      | 54.0           | 24.72           | AV       | 194.00         | 200         | Vertical | Pass    |
| 2   | 2836.800        | 44.78            | -10.28      | 74.0           | 29.22           | Peak     | 39.00          | 400         | Vertical | Pass    |
| 2** | 2836.800        | 35.14            | -10.28      | 54.0           | 18.86           | AV       | 39.00          | 400         | Vertical | Pass    |
| 3   | 4305.800        | 49.35            | -4.55       | 74.0           | 24.65           | Peak     | 71.00          | 150         | Vertical | Pass    |
| 3** | 4305.800        | 39.90            | -4.55       | 54.0           | 14.10           | AV       | 71.00          | 150         | Vertical | Pass    |
| 4   | 5498.400        | 101.31           | -2.69       | --             | --              | Peak     | 277.00         | 400         | Vertical | N/A     |
| 4** | 5498.400        | 94.34            | -2.69       | --             | --              | AV       | 277.00         | 400         | Vertical | N/A     |
| 5   | 7581.900        | 47.78            | -2.65       | 74.0           | 26.22           | Peak     | 360.00         | 200         | Vertical | Pass    |
| 5** | 7581.900        | 39.27            | -2.65       | 54.0           | 14.73           | AV       | 360.00         | 200         | Vertical | Pass    |
| 6   | 12199.437       | 50.93            | 2.42        | 74.0           | 23.07           | Peak     | 354.00         | 100         | Vertical | Pass    |
| 6** | 12199.437       | 41.76            | 2.42        | 54.0           | 12.24           | AV       | 354.00         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1330.400        | 38.75            | -17.55      | 74.0           | 35.25           | Peak     | 23.00          | 200         | Horizontal | Pass    |
| 1** | 1330.400        | 28.80            | -17.55      | 54.0           | 25.20           | AV       | 23.00          | 200         | Horizontal | Pass    |
| 2   | 2821.700        | 45.03            | -10.28      | 74.0           | 28.97           | Peak     | 210.00         | 300         | Horizontal | Pass    |
| 2** | 2821.700        | 34.70            | -10.28      | 54.0           | 19.30           | AV       | 210.00         | 300         | Horizontal | Pass    |
| 3   | 4222.000        | 49.25            | -4.46       | 74.0           | 24.75           | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 3** | 4222.000        | 39.63            | -4.46       | 54.0           | 14.37           | AV       | 0.00           | 200         | Horizontal | Pass    |
| 4   | 5578.200        | 103.59           | -3.28       | --             | --              | Peak     | 152.00         | 400         | Horizontal | N/A     |
| 4** | 5578.200        | 96.07            | -3.28       | --             | --              | AV       | 152.00         | 400         | Horizontal | N/A     |
| 5   | 7579.888        | 48.15            | -2.60       | 74.0           | 25.85           | Peak     | 139.00         | 200         | Horizontal | Pass    |
| 5** | 7579.888        | 38.98            | -2.60       | 54.0           | 15.02           | AV       | 139.00         | 200         | Horizontal | Pass    |
| 6   | 12185.349       | 51.00            | 2.57        | 74.0           | 23.00           | Peak     | 31.00          | 100         | Horizontal | Pass    |
| 6** | 12185.349       | 42.12            | 2.57        | 54.0           | 11.88           | AV       | 31.00          | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1422.900        | 38.45            | -17.40      | 74.0           | 35.55           | Peak     | 88.00          | 400         | Vertical | Pass    |
| 1** | 1422.900        | 29.27            | -17.40      | 54.0           | 24.73           | AV       | 88.00          | 400         | Vertical | Pass    |
| 2   | 2746.700        | 45.95            | -10.26      | 74.0           | 28.05           | Peak     | 41.00          | 400         | Vertical | Pass    |
| 2** | 2746.700        | 35.31            | -10.26      | 54.0           | 18.69           | AV       | 41.00          | 400         | Vertical | Pass    |
| 3   | 4318.000        | 49.37            | -4.74       | 74.0           | 24.63           | Peak     | 110.00         | 150         | Vertical | Pass    |
| 3** | 4318.000        | 39.91            | -4.74       | 54.0           | 14.09           | AV       | 110.00         | 150         | Vertical | Pass    |
| 4   | 5578.800        | 101.81           | -3.26       | --             | --              | Peak     | 279.00         | 200         | Vertical | N/A     |
| 4** | 5578.800        | 94.51            | -3.26       | --             | --              | AV       | 279.00         | 200         | Vertical | N/A     |
| 5   | 7364.263        | 48.00            | -2.88       | 74.0           | 26.00           | Peak     | 249.00         | 150         | Vertical | Pass    |
| 5** | 7364.263        | 39.17            | -2.88       | 54.0           | 14.83           | AV       | 249.00         | 150         | Vertical | Pass    |
| 6   | 12173.563       | 51.26            | 2.61        | 74.0           | 22.74           | Peak     | 1.00           | 200         | Vertical | Pass    |
| 6** | 12173.563       | 42.36            | 2.61        | 54.0           | 11.64           | AV       | 1.00           | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1383.800        | 38.29            | -17.23      | 74.0           | 35.71           | Peak     | 14.00          | 200         | Horizontal | Pass    |
| 1** | 1383.800        | 29.38            | -17.23      | 54.0           | 24.62           | AV       | 14.00          | 200         | Horizontal | Pass    |
| 2   | 2819.400        | 44.32            | -10.32      | 74.0           | 29.68           | Peak     | 309.00         | 300         | Horizontal | Pass    |
| 2** | 2819.400        | 35.65            | -10.32      | 54.0           | 18.35           | AV       | 309.00         | 300         | Horizontal | Pass    |
| 3   | 4273.800        | 49.42            | -4.59       | 74.0           | 24.58           | Peak     | 358.00         | 200         | Horizontal | Pass    |
| 3** | 4273.800        | 39.89            | -4.59       | 54.0           | 14.11           | AV       | 358.00         | 200         | Horizontal | Pass    |
| 4   | 5698.800        | 102.49           | -3.78       | --             | --              | Peak     | 150.00         | 400         | Horizontal | N/A     |
| 4** | 5698.800        | 95.19            | -3.78       | --             | --              | AV       | 150.00         | 400         | Horizontal | N/A     |
| 5   | 7551.425        | 48.51            | -2.34       | 74.0           | 25.49           | Peak     | 31.00          | 100         | Horizontal | Pass    |
| 5** | 7551.425        | 39.71            | -2.34       | 54.0           | 14.29           | AV       | 31.00          | 100         | Horizontal | Pass    |
| 6   | 12180.175       | 51.94            | 2.62        | 74.0           | 22.06           | Peak     | 183.00         | 200         | Horizontal | Pass    |
| 6** | 12180.175       | 41.79            | 2.62        | 54.0           | 12.21           | AV       | 183.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1350.700        | 38.43            | -17.32      | 74.0           | 35.57           | Peak     | 1.00           | 100         | Vertical | Pass    |
| 1** | 1350.700        | 28.97            | -17.32      | 54.0           | 25.03           | AV       | 1.00           | 100         | Vertical | Pass    |
| 2   | 2811.700        | 44.36            | -10.63      | 74.0           | 29.64           | Peak     | 259.00         | 400         | Vertical | Pass    |
| 2** | 2811.700        | 34.30            | -10.63      | 54.0           | 19.70           | AV       | 259.00         | 400         | Vertical | Pass    |
| 3   | 4297.400        | 49.13            | -4.52       | 74.0           | 24.87           | Peak     | 344.00         | 100         | Vertical | Pass    |
| 3** | 4297.400        | 40.02            | -4.52       | 54.0           | 13.98           | AV       | 344.00         | 100         | Vertical | Pass    |
| 4   | 5702.600        | 101.88           | -3.75       | --             | --              | Peak     | 178.00         | 200         | Vertical | N/A     |
| 4** | 5702.600        | 94.00            | -3.75       | --             | --              | AV       | 178.00         | 200         | Vertical | N/A     |
| 5   | 7510.025        | 48.36            | -2.28       | 74.0           | 25.64           | Peak     | 360.00         | 200         | Vertical | Pass    |
| 5** | 7510.025        | 39.27            | -2.28       | 54.0           | 14.73           | AV       | 360.00         | 200         | Vertical | Pass    |
| 6   | 12228.475       | 51.27            | 2.43        | 74.0           | 22.73           | Peak     | 75.00          | 100         | Vertical | Pass    |
| 6** | 12228.475       | 42.29            | 2.43        | 54.0           | 11.71           | AV       | 75.00          | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1413.900        | 39.44            | -17.25      | 74.0           | 34.56           | Peak     | 344.00         | 300         | Horizontal | Pass    |
| 1** | 1413.900        | 28.80            | -17.25      | 54.0           | 25.20           | AV       | 344.00         | 300         | Horizontal | Pass    |
| 2   | 2741.300        | 44.46            | -10.36      | 74.0           | 29.54           | Peak     | 150.00         | 100         | Horizontal | Pass    |
| 2** | 2741.300        | 35.46            | -10.36      | 54.0           | 18.54           | AV       | 150.00         | 100         | Horizontal | Pass    |
| 3   | 4281.800        | 48.99            | -4.56       | 74.0           | 25.01           | Peak     | 259.00         | 150         | Horizontal | Pass    |
| 3** | 4281.800        | 40.32            | -4.56       | 54.0           | 13.68           | AV       | 259.00         | 150         | Horizontal | Pass    |
| 4   | 5507.600        | 101.39           | -2.85       | --             | --              | Peak     | 149.00         | 200         | Horizontal | N/A     |
| 4** | 5507.600        | 95.08            | -2.85       | --             | --              | AV       | 149.00         | 200         | Horizontal | N/A     |
| 5   | 7601.737        | 48.49            | -3.14       | 74.0           | 25.51           | Peak     | 132.00         | 150         | Horizontal | Pass    |
| 5** | 7601.737        | 38.09            | -3.14       | 54.0           | 15.91           | AV       | 132.00         | 150         | Horizontal | Pass    |
| 6   | 11650.888       | 51.91            | 1.94        | 74.0           | 22.09           | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 6** | 11650.888       | 42.28            | 1.94        | 54.0           | 11.72           | AV       | 360.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1389.700        | 38.72            | -17.30      | 74.0           | 35.28           | Peak     | 4.00           | 400         | Vertical | Pass    |
| 1** | 1389.700        | 29.19            | -17.30      | 54.0           | 24.81           | AV       | 4.00           | 400         | Vertical | Pass    |
| 2   | 2862.700        | 44.38            | -10.18      | 74.0           | 29.62           | Peak     | 317.00         | 400         | Vertical | Pass    |
| 2** | 2862.700        | 35.63            | -10.18      | 54.0           | 18.37           | AV       | 317.00         | 400         | Vertical | Pass    |
| 3   | 4298.600        | 49.06            | -4.50       | 74.0           | 24.94           | Peak     | 305.00         | 100         | Vertical | Pass    |
| 3** | 4298.600        | 40.22            | -4.50       | 54.0           | 13.78           | AV       | 305.00         | 100         | Vertical | Pass    |
| 4   | 5508.600        | 99.49            | -2.85       | --             | --              | Peak     | 313.00         | 100         | Vertical | N/A     |
| 4** | 5508.600        | 91.86            | -2.85       | --             | --              | AV       | 313.00         | 100         | Vertical | N/A     |
| 5   | 7524.687        | 47.88            | -2.25       | 74.0           | 26.12           | Peak     | 290.00         | 100         | Vertical | Pass    |
| 5** | 7524.687        | 38.51            | -2.25       | 54.0           | 15.49           | AV       | 290.00         | 100         | Vertical | Pass    |
| 6   | 12264.988       | 51.27            | 2.34        | 74.0           | 22.73           | Peak     | 302.00         | 200         | Vertical | Pass    |
| 6** | 12264.988       | 42.27            | 2.34        | 54.0           | 11.73           | AV       | 302.00         | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1324.700        | 38.51            | -17.46      | 74.0           | 35.49           | Peak     | 67.00          | 200         | Horizontal | Pass    |
| 1** | 1324.700        | 28.87            | -17.46      | 54.0           | 25.13           | AV       | 67.00          | 200         | Horizontal | Pass    |
| 2   | 2723.400        | 44.29            | -10.52      | 74.0           | 29.71           | Peak     | 1.00           | 200         | Horizontal | Pass    |
| 2** | 2723.400        | 34.95            | -10.52      | 54.0           | 19.05           | AV       | 1.00           | 200         | Horizontal | Pass    |
| 3   | 4309.800        | 48.97            | -4.67       | 74.0           | 25.03           | Peak     | 310.00         | 200         | Horizontal | Pass    |
| 3** | 4309.800        | 39.54            | -4.67       | 54.0           | 14.46           | AV       | 310.00         | 200         | Horizontal | Pass    |
| 4   | 5593.400        | 102.00           | -3.05       | --             | --              | Peak     | 150.00         | 200         | Horizontal | N/A     |
| 4** | 5593.400        | 94.59            | -3.05       | --             | --              | AV       | 150.00         | 200         | Horizontal | N/A     |
| 5   | 7508.588        | 48.56            | -2.21       | 74.0           | 25.44           | Peak     | 120.00         | 200         | Horizontal | Pass    |
| 5** | 7508.588        | 38.29            | -2.21       | 54.0           | 15.71           | AV       | 120.00         | 200         | Horizontal | Pass    |
| 6   | 12223.588       | 51.23            | 2.43        | 74.0           | 22.77           | Peak     | 34.00          | 300         | Horizontal | Pass    |
| 6** | 12223.588       | 42.37            | 2.43        | 54.0           | 11.63           | AV       | 34.00          | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1347.800        | 38.55            | -17.43      | 74.0           | 35.45           | Peak     | 323.00         | 200         | Vertical | Pass    |
| 1** | 1347.800        | 28.88            | -17.43      | 54.0           | 25.12           | AV       | 323.00         | 200         | Vertical | Pass    |
| 2   | 2730.700        | 44.52            | -10.26      | 74.0           | 29.48           | Peak     | 42.00          | 200         | Vertical | Pass    |
| 2** | 2730.700        | 35.29            | -10.26      | 54.0           | 18.71           | AV       | 42.00          | 200         | Vertical | Pass    |
| 3   | 4296.800        | 49.47            | -4.53       | 74.0           | 24.53           | Peak     | 1.00           | 100         | Vertical | Pass    |
| 3** | 4296.800        | 39.86            | -4.53       | 54.0           | 14.14           | AV       | 1.00           | 100         | Vertical | Pass    |
| 4   | 5588.400        | 100.47           | -3.14       | --             | 178.53          | Peak     | 279.00         | 100         | Vertical | N/A     |
| 4** | 5588.400        | 93.05            | -3.14       | --             | -93.05          | AV       | 279.00         | 100         | Vertical | N/A     |
| 5   | 7429.525        | 48.67            | -2.31       | 74.0           | 25.33           | Peak     | 15.00          | 200         | Vertical | Pass    |
| 5** | 7429.525        | 39.16            | -2.31       | 54.0           | 14.84           | AV       | 15.00          | 200         | Vertical | Pass    |
| 6   | 12172.701       | 51.26            | 2.61        | 74.0           | 22.74           | Peak     | 23.00          | 100         | Vertical | Pass    |
| 6** | 12172.701       | 42.98            | 2.61        | 54.0           | 11.02           | AV       | 23.00          | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1348.300        | 38.26            | -17.40      | 74.0           | 35.74           | Peak     | 1.00           | 300         | Horizontal | Pass    |
| 1** | 1348.300        | 29.07            | -17.40      | 54.0           | 24.93           | AV       | 1.00           | 300         | Horizontal | Pass    |
| 2   | 2865.500        | 44.32            | -10.32      | 74.0           | 29.68           | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 2** | 2865.500        | 35.53            | -10.32      | 54.0           | 18.47           | AV       | 360.00         | 400         | Horizontal | Pass    |
| 3   | 4299.000        | 49.35            | -4.50       | 74.0           | 24.65           | Peak     | 55.00          | 150         | Horizontal | Pass    |
| 3** | 4299.000        | 39.74            | -4.50       | 54.0           | 14.26           | AV       | 55.00          | 150         | Horizontal | Pass    |
| 4   | 5666.600        | 100.96           | -3.48       | --             | --              | Peak     | 142.00         | 200         | Horizontal | N/A     |
| 4** | 5666.600        | 92.77            | -3.48       | --             | --              | AV       | 142.00         | 200         | Horizontal | N/A     |
| 5   | 7571.837        | 48.05            | -2.58       | 74.0           | 25.95           | Peak     | 55.00          | 200         | Horizontal | Pass    |
| 5** | 7571.837        | 39.05            | -2.58       | 54.0           | 14.95           | AV       | 55.00          | 200         | Horizontal | Pass    |
| 6   | 12238.537       | 50.91            | 2.45        | 74.0           | 23.09           | Peak     | 65.00          | 200         | Horizontal | Pass    |
| 6** | 12238.537       | 42.41            | 2.45        | 54.0           | 11.59           | AV       | 65.00          | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1311.300        | 38.80            | -17.19      | 74.0           | 35.20           | Peak     | 13.00          | 200         | Vertical | Pass    |
| 1** | 1311.300        | 28.83            | -17.19      | 54.0           | 25.17           | AV       | 13.00          | 200         | Vertical | Pass    |
| 2   | 2744.700        | 44.76            | -10.31      | 74.0           | 29.24           | Peak     | 248.00         | 400         | Vertical | Pass    |
| 2** | 2744.700        | 35.03            | -10.31      | 54.0           | 18.97           | AV       | 248.00         | 400         | Vertical | Pass    |
| 3   | 4305.600        | 48.89            | -4.55       | 74.0           | 25.11           | Peak     | 88.00          | 200         | Vertical | Pass    |
| 3** | 4305.600        | 40.04            | -4.55       | 54.0           | 13.96           | AV       | 88.00          | 200         | Vertical | Pass    |
| 4   | 5662.800        | 99.90            | -3.44       | --             | --              | Peak     | 174.00         | 200         | Vertical | N/A     |
| 4** | 5662.800        | 91.45            | -3.44       | --             | --              | AV       | 174.00         | 200         | Vertical | N/A     |
| 5   | 7556.025        | 48.20            | -2.34       | 74.0           | 25.80           | Peak     | 302.00         | 100         | Vertical | Pass    |
| 5** | 7556.025        | 38.45            | -2.34       | 54.0           | 15.55           | AV       | 302.00         | 100         | Vertical | Pass    |
| 6   | 11554.288       | 51.74            | 1.76        | 74.0           | 22.26           | Peak     | 2.00           | 400         | Vertical | Pass    |
| 6** | 11554.288       | 41.05            | 1.76        | 54.0           | 12.95           | AV       | 2.00           | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1313.800        | 38.40            | -17.33      | 74.0           | 35.60           | Peak     | 24.00          | 300         | Horizontal | Pass    |
| 1** | 1313.800        | 29.16            | -17.33      | 54.0           | 24.84           | AV       | 24.00          | 300         | Horizontal | Pass    |
| 2   | 2808.100        | 44.38            | -10.63      | 74.0           | 29.62           | Peak     | 186.00         | 100         | Horizontal | Pass    |
| 2** | 2808.100        | 34.24            | -10.63      | 54.0           | 19.76           | AV       | 186.00         | 100         | Horizontal | Pass    |
| 3   | 4231.800        | 48.80            | -4.71       | 74.0           | 25.20           | Peak     | 248.00         | 100         | Horizontal | Pass    |
| 3** | 4231.800        | 39.22            | -4.71       | 54.0           | 14.78           | AV       | 248.00         | 100         | Horizontal | Pass    |
| 4   | 5533.800        | 98.82            | -2.77       | --             | --              | Peak     | 152.00         | 100         | Horizontal | N/A     |
| 4** | 5533.800        | 91.21            | -2.77       | --             | --              | AV       | 152.00         | 100         | Horizontal | N/A     |
| 5   | 7580.750        | 48.39            | -2.62       | 74.0           | 25.61           | Peak     | 140.00         | 150         | Horizontal | Pass    |
| 5** | 7580.750        | 39.69            | -2.62       | 54.0           | 14.31           | AV       | 140.00         | 150         | Horizontal | Pass    |
| 6   | 12200.875       | 50.83            | 2.41        | 74.0           | 23.17           | Peak     | 182.00         | 200         | Horizontal | Pass    |
| 6** | 12200.875       | 42.19            | 2.41        | 54.0           | 11.81           | AV       | 182.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1410.400        | 38.52            | -17.17      | 74.0           | 35.48           | Peak     | 101.00         | 100         | Vertical | Pass    |
| 1** | 1410.400        | 29.03            | -17.17      | 54.0           | 24.97           | AV       | 101.00         | 100         | Vertical | Pass    |
| 2   | 2747.800        | 45.28            | -10.21      | 74.0           | 28.72           | Peak     | 47.00          | 400         | Vertical | Pass    |
| 2** | 2747.800        | 35.61            | -10.21      | 54.0           | 18.39           | AV       | 47.00          | 400         | Vertical | Pass    |
| 3   | 4301.400        | 48.99            | -4.60       | 74.0           | 25.01           | Peak     | 358.00         | 150         | Vertical | Pass    |
| 3** | 4301.400        | 40.12            | -4.60       | 54.0           | 13.88           | AV       | 358.00         | 150         | Vertical | Pass    |
| 4   | 5533.200        | 96.19            | -2.77       | --             | --              | Peak     | 313.00         | 100         | Vertical | N/A     |
| 4** | 5533.200        | 88.66            | -2.77       | --             | --              | AV       | 313.00         | 100         | Vertical | N/A     |
| 5   | 7425.787        | 47.84            | -2.28       | 74.0           | 26.16           | Peak     | 34.00          | 100         | Vertical | Pass    |
| 5** | 7425.787        | 38.99            | -2.28       | 54.0           | 15.01           | AV       | 34.00          | 100         | Vertical | Pass    |
| 6   | 12154.299       | 51.23            | 2.15        | 74.0           | 22.77           | Peak     | 280.00         | 400         | Vertical | Pass    |
| 6** | 12154.299       | 41.07            | 2.15        | 54.0           | 12.93           | AV       | 280.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1333.900        | 38.76            | -17.63      | 74.0           | 35.24           | Peak     | 271.00         | 200         | Horizontal | Pass    |
| 1** | 1333.900        | 29.19            | -17.63      | 54.0           | 24.81           | AV       | 271.00         | 200         | Horizontal | Pass    |
| 2   | 2858.300        | 44.30            | -10.23      | 74.0           | 29.70           | Peak     | 243.00         | 200         | Horizontal | Pass    |
| 2** | 2858.300        | 35.09            | -10.23      | 54.0           | 18.91           | AV       | 243.00         | 200         | Horizontal | Pass    |
| 3   | 4298.200        | 48.78            | -4.51       | 74.0           | 25.22           | Peak     | 200.00         | 150         | Horizontal | Pass    |
| 3** | 4298.200        | 41.43            | -4.51       | 54.0           | 12.57           | AV       | 200.00         | 150         | Horizontal | Pass    |
| 4   | 5605.800        | 99.38            | -2.89       | --             | --              | Peak     | 145.00         | 100         | Horizontal | N/A     |
| 4** | 5605.800        | 91.58            | -2.89       | --             | --              | AV       | 145.00         | 100         | Horizontal | N/A     |
| 5   | 7429.525        | 48.41            | -2.31       | 74.0           | 25.59           | Peak     | 10.00          | 200         | Horizontal | Pass    |
| 5** | 7429.525        | 38.78            | -2.31       | 54.0           | 15.22           | AV       | 10.00          | 200         | Horizontal | Pass    |
| 6   | 12227.037       | 51.40            | 2.42        | 74.0           | 22.60           | Peak     | 334.00         | 300         | Horizontal | Pass    |
| 6** | 12227.037       | 41.82            | 2.42        | 54.0           | 12.18           | AV       | 334.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1421.200        | 38.49            | -17.32      | 74.0           | 35.51           | Peak     | 91.00          | 200         | Vertical | Pass    |
| 1** | 1421.200        | 29.47            | -17.32      | 54.0           | 24.53           | AV       | 91.00          | 200         | Vertical | Pass    |
| 2   | 2805.400        | 45.24            | -10.57      | 74.0           | 28.76           | Peak     | 197.00         | 200         | Vertical | Pass    |
| 2** | 2805.400        | 34.80            | -10.57      | 54.0           | 19.20           | AV       | 197.00         | 200         | Vertical | Pass    |
| 3   | 4295.200        | 48.94            | -4.48       | 74.0           | 25.06           | Peak     | 82.00          | 200         | Vertical | Pass    |
| 3** | 4295.200        | 39.87            | -4.48       | 54.0           | 14.13           | AV       | 82.00          | 200         | Vertical | Pass    |
| 4   | 5605.200        | 97.08            | -2.90       | --             | --              | Peak     | 280.00         | 100         | Vertical | N/A     |
| 4** | 5605.200        | 89.48            | -2.90       | --             | --              | AV       | 280.00         | 100         | Vertical | N/A     |
| 5   | 7647.737        | 48.71            | -2.69       | 74.0           | 25.29           | Peak     | 26.00          | 200         | Vertical | Pass    |
| 5** | 7647.737        | 37.93            | -2.69       | 54.0           | 16.07           | AV       | 26.00          | 200         | Vertical | Pass    |
| 6   | 11691.713       | 51.15            | 1.65        | 74.0           | 22.85           | Peak     | 344.00         | 300         | Vertical | Pass    |
| 6** | 11691.713       | 41.56            | 1.65        | 54.0           | 12.44           | AV       | 344.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1372.700        | 38.58            | -17.39      | 74.0           | 35.42           | Peak     | 112.00         | 400         | Horizontal | Pass    |
| 1** | 1372.700        | 29.20            | -17.39      | 54.0           | 24.80           | AV       | 112.00         | 400         | Horizontal | Pass    |
| 2   | 2752.200        | 44.19            | -10.41      | 74.0           | 29.81           | Peak     | 330.00         | 100         | Horizontal | Pass    |
| 2** | 2752.200        | 34.89            | -10.41      | 54.0           | 19.11           | AV       | 330.00         | 100         | Horizontal | Pass    |
| 3   | 4271.400        | 49.65            | -4.59       | 74.0           | 24.35           | Peak     | 8.00           | 100         | Horizontal | Pass    |
| 3** | 4271.400        | 39.93            | -4.59       | 54.0           | 14.07           | AV       | 8.00           | 100         | Horizontal | Pass    |
| 4   | 5747.800        | 106.47           | -3.29       | --             | --              | Peak     | 168.00         | 300         | Horizontal | N/A     |
| 4** | 5747.800        | 98.65            | -3.29       | --             | --              | AV       | 168.00         | 300         | Horizontal | N/A     |
| 5   | 7525.837        | 48.08            | -2.32       | 74.0           | 25.92           | Peak     | 333.00         | 200         | Horizontal | Pass    |
| 5** | 7525.837        | 38.02            | -2.32       | 54.0           | 15.98           | AV       | 333.00         | 200         | Horizontal | Pass    |
| 6   | 12295.175       | 51.24            | 2.30        | 74.0           | 22.76           | Peak     | 333.00         | 100         | Horizontal | Pass    |
| 6** | 12295.175       | 42.32            | 2.30        | 54.0           | 11.68           | AV       | 333.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1409.500        | 38.63            | -17.06      | 74.0           | 35.37           | Peak     | 210.00         | 200         | Vertical | Pass    |
| 1** | 1409.500        | 29.22            | -17.06      | 54.0           | 24.78           | AV       | 210.00         | 200         | Vertical | Pass    |
| 2   | 2850.000        | 44.46            | -10.58      | 74.0           | 29.54           | Peak     | 359.00         | 200         | Vertical | Pass    |
| 2** | 2850.000        | 35.57            | -10.58      | 54.0           | 18.43           | AV       | 359.00         | 200         | Vertical | Pass    |
| 3   | 4336.200        | 49.12            | -4.71       | 74.0           | 24.88           | Peak     | 243.00         | 150         | Vertical | Pass    |
| 3** | 4336.200        | 38.87            | -4.71       | 54.0           | 15.13           | AV       | 243.00         | 150         | Vertical | Pass    |
| 4   | 5744.800        | 106.84           | -3.45       | --             | --              | Peak     | 282.00         | 400         | Vertical | N/A     |
| 4** | 5744.800        | 99.84            | -3.45       | --             | --              | AV       | 282.00         | 400         | Vertical | N/A     |
| 5   | 7431.825        | 48.48            | -2.38       | 74.0           | 25.52           | Peak     | 57.00          | 150         | Vertical | Pass    |
| 5** | 7431.825        | 39.94            | -2.38       | 54.0           | 14.06           | AV       | 57.00          | 150         | Vertical | Pass    |
| 6   | 12218.700       | 52.42            | 2.41        | 74.0           | 21.58           | Peak     | 196.00         | 100         | Vertical | Pass    |
| 6** | 12218.700       | 42.07            | 2.41        | 54.0           | 11.93           | AV       | 196.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1347.100        | 38.82            | -17.46      | 74.0           | 35.18           | Peak     | 336.00         | 100         | Horizontal | Pass    |
| 1** | 1347.100        | 29.41            | -17.46      | 54.0           | 24.59           | AV       | 336.00         | 100         | Horizontal | Pass    |
| 2   | 2833.200        | 44.14            | -10.37      | 74.0           | 29.86           | Peak     | 264.00         | 300         | Horizontal | Pass    |
| 2** | 2833.200        | 35.18            | -10.37      | 54.0           | 18.82           | AV       | 264.00         | 300         | Horizontal | Pass    |
| 3   | 4273.000        | 48.52            | -4.59       | 74.0           | 25.48           | Peak     | 67.00          | 200         | Horizontal | Pass    |
| 3** | 4273.000        | 40.18            | -4.59       | 54.0           | 13.82           | AV       | 67.00          | 200         | Horizontal | Pass    |
| 4   | 5787.000        | 106.43           | -2.76       | --             | --              | Peak     | 155.00         | 200         | Horizontal | N/A     |
| 4** | 5787.000        | 99.30            | -2.76       | --             | --              | AV       | 155.00         | 200         | Horizontal | N/A     |
| 5   | 7416.013        | 48.15            | -2.19       | 74.0           | 25.85           | Peak     | 154.00         | 100         | Horizontal | Pass    |
| 5** | 7416.013        | 39.39            | -2.19       | 54.0           | 14.61           | AV       | 154.00         | 100         | Horizontal | Pass    |
| 6   | 12214.963       | 51.36            | 2.41        | 74.0           | 22.64           | Peak     | 241.00         | 100         | Horizontal | Pass    |
| 6** | 12214.963       | 42.08            | 2.41        | 54.0           | 11.92           | AV       | 241.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1412.800        | 38.44            | -17.22      | 74.0           | 35.56           | Peak     | 110.00         | 400         | Vertical | Pass    |
| 1** | 1412.800        | 29.58            | -17.22      | 54.0           | 24.42           | AV       | 110.00         | 400         | Vertical | Pass    |
| 2   | 2833.600        | 44.53            | -10.37      | 74.0           | 29.47           | Peak     | 236.00         | 100         | Vertical | Pass    |
| 2** | 2833.600        | 35.08            | -10.37      | 54.0           | 18.92           | AV       | 236.00         | 100         | Vertical | Pass    |
| 3   | 4274.600        | 49.52            | -4.57       | 74.0           | 24.48           | Peak     | 360.00         | 150         | Vertical | Pass    |
| 3** | 4274.600        | 41.44            | -4.57       | 54.0           | 12.56           | AV       | 360.00         | 150         | Vertical | Pass    |
| 4   | 5784.000        | 107.52           | -2.83       | --             | --              | Peak     | 299.00         | 400         | Vertical | N/A     |
| 4** | 5784.000        | 100.36           | -2.83       | --             | --              | AV       | 299.00         | 400         | Vertical | N/A     |
| 5   | 7565.513        | 48.08            | -2.50       | 74.0           | 25.92           | Peak     | 303.00         | 150         | Vertical | Pass    |
| 5** | 7565.513        | 39.40            | -2.50       | 54.0           | 14.60           | AV       | 303.00         | 150         | Vertical | Pass    |
| 6   | 11688.263       | 51.52            | 1.73        | 74.0           | 22.48           | Peak     | 68.00          | 100         | Vertical | Pass    |
| 6** | 11688.263       | 41.85            | 1.73        | 54.0           | 12.15           | AV       | 68.00          | 100         | Vertical | Pass    |



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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1357.300        | 39.61            | -17.30      | 74.0           | 34.39           | Peak     | 213.00         | 300         | Horizontal | Pass    |
| 1** | 1357.300        | 29.44            | -17.30      | 54.0           | 24.56           | AV       | 213.00         | 300         | Horizontal | Pass    |
| 2   | 2744.300        | 45.17            | -10.31      | 74.0           | 28.83           | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 2** | 2744.300        | 35.14            | -10.31      | 54.0           | 18.86           | AV       | 0.00           | 400         | Horizontal | Pass    |
| 3   | 4270.800        | 49.09            | -4.60       | 74.0           | 24.91           | Peak     | 106.00         | 100         | Horizontal | Pass    |
| 3** | 4270.800        | 39.81            | -4.60       | 54.0           | 14.19           | AV       | 106.00         | 100         | Horizontal | Pass    |
| 4   | 5823.400        | 106.86           | -2.69       | --             | --              | Peak     | 162.00         | 100         | Horizontal | N/A     |
| 4** | 5823.400        | 99.10            | -2.69       | --             | --              | AV       | 162.00         | 100         | Horizontal | N/A     |
| 5   | 7491.050        | 47.99            | -2.40       | 74.0           | 26.01           | Peak     | 355.00         | 150         | Horizontal | Pass    |
| 5** | 7491.050        | 38.09            | -2.40       | 54.0           | 15.91           | AV       | 355.00         | 150         | Horizontal | Pass    |
| 6   | 12305.237       | 52.07            | 2.24        | 74.0           | 21.93           | Peak     | 71.00          | 300         | Horizontal | Pass    |
| 6** | 12305.237       | 41.54            | 2.24        | 54.0           | 12.46           | AV       | 71.00          | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1419.000        | 38.58            | -17.28      | 74.0           | 35.42           | Peak     | 0.00           | 200         | Vertical | Pass    |
| 1** | 1419.000        | 29.35            | -17.28      | 54.0           | 24.65           | AV       | 0.00           | 200         | Vertical | Pass    |
| 2   | 2865.800        | 44.60            | -10.32      | 74.0           | 29.40           | Peak     | 354.00         | 400         | Vertical | Pass    |
| 2** | 2865.800        | 36.05            | -10.32      | 54.0           | 17.95           | AV       | 354.00         | 400         | Vertical | Pass    |
| 3   | 4309.800        | 48.90            | -4.67       | 74.0           | 25.10           | Peak     | 109.00         | 200         | Vertical | Pass    |
| 3** | 4309.800        | 39.88            | -4.67       | 54.0           | 14.12           | AV       | 109.00         | 200         | Vertical | Pass    |
| 4   | 5826.200        | 107.24           | -2.66       | --             | --              | Peak     | 306.00         | 200         | Vertical | N/A     |
| 4** | 5826.200        | 99.87            | -2.66       | --             | --              | AV       | 306.00         | 200         | Vertical | N/A     |
| 5   | 7587.075        | 48.12            | -2.77       | 74.0           | 25.88           | Peak     | 359.00         | 150         | Vertical | Pass    |
| 5** | 7587.075        | 38.62            | -2.77       | 54.0           | 15.38           | AV       | 359.00         | 150         | Vertical | Pass    |
| 6   | 12179.888       | 51.66            | 2.62        | 74.0           | 22.34           | Peak     | 359.00         | 400         | Vertical | Pass    |
| 6** | 12179.888       | 42.42            | 2.62        | 54.0           | 11.58           | AV       | 359.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1350.200        | 38.18            | -17.32      | 74.0           | 35.82           | Peak     | 143.00         | 100         | Horizontal | Pass    |
| 1** | 1350.200        | 28.98            | -17.32      | 54.0           | 25.02           | AV       | 143.00         | 100         | Horizontal | Pass    |
| 2   | 2826.300        | 44.79            | -10.28      | 74.0           | 29.21           | Peak     | 17.00          | 100         | Horizontal | Pass    |
| 2** | 2826.300        | 35.18            | -10.28      | 54.0           | 18.82           | AV       | 17.00          | 100         | Horizontal | Pass    |
| 3   | 4268.800        | 48.93            | -4.64       | 74.0           | 25.07           | Peak     | 208.00         | 100         | Horizontal | Pass    |
| 3** | 4268.800        | 39.98            | -4.64       | 54.0           | 14.02           | AV       | 208.00         | 100         | Horizontal | Pass    |
| 4   | 5746.400        | 104.57           | -3.33       | --             | --              | Peak     | 160.00         | 100         | Horizontal | N/A     |
| 4** | 5746.400        | 96.94            | -3.33       | --             | --              | AV       | 160.00         | 100         | Horizontal | N/A     |
| 5   | 7426.937        | 47.88            | -2.26       | 74.0           | 26.12           | Peak     | 122.00         | 150         | Horizontal | Pass    |
| 5** | 7426.937        | 39.81            | -2.26       | 54.0           | 14.19           | AV       | 122.00         | 150         | Horizontal | Pass    |
| 6   | 11635.363       | 52.03            | 2.10        | 74.0           | 21.97           | Peak     | 91.00          | 200         | Horizontal | Pass    |
| 6** | 11635.363       | 42.38            | 2.10        | 54.0           | 11.62           | AV       | 91.00          | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1382.500        | 38.37            | -17.27      | 74.0           | 35.63           | Peak     | 0.00           | 400         | Vertical | Pass    |
| 1** | 1382.500        | 29.52            | -17.27      | 54.0           | 24.48           | AV       | 0.00           | 400         | Vertical | Pass    |
| 2   | 2855.700        | 44.54            | -10.27      | 74.0           | 29.46           | Peak     | 353.00         | 400         | Vertical | Pass    |
| 2** | 2855.700        | 34.81            | -10.27      | 54.0           | 19.19           | AV       | 353.00         | 400         | Vertical | Pass    |
| 3   | 4312.200        | 48.61            | -4.66       | 74.0           | 25.39           | Peak     | 299.00         | 150         | Vertical | Pass    |
| 3** | 4312.200        | 40.16            | -4.66       | 54.0           | 13.84           | AV       | 299.00         | 150         | Vertical | Pass    |
| 4   | 5746.600        | 105.33           | -3.33       | --             | --              | Peak     | 276.00         | 200         | Vertical | N/A     |
| 4** | 5746.600        | 97.39            | -3.33       | --             | --              | AV       | 276.00         | 200         | Vertical | N/A     |
| 5   | 7409.975        | 48.01            | -2.37       | 74.0           | 25.99           | Peak     | 16.00          | 100         | Vertical | Pass    |
| 5** | 7409.975        | 38.56            | -2.37       | 54.0           | 15.44           | AV       | 16.00          | 100         | Vertical | Pass    |
| 6   | 12232.500       | 51.65            | 2.43        | 74.0           | 22.35           | Peak     | 303.00         | 400         | Vertical | Pass    |
| 6** | 12232.500       | 42.37            | 2.43        | 54.0           | 11.63           | AV       | 303.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1373.200        | 38.06            | -17.41      | 74.0           | 35.94           | Peak     | 350.00         | 150         | Horizontal | Pass    |
| 1** | 1373.200        | 29.03            | -17.41      | 54.0           | 24.97           | AV       | 350.00         | 150         | Horizontal | Pass    |
| 2   | 2748.200        | 44.73            | -10.23      | 74.0           | 29.27           | Peak     | 350.00         | 400         | Horizontal | Pass    |
| 2** | 2748.200        | 35.98            | -10.23      | 54.0           | 18.02           | AV       | 350.00         | 400         | Horizontal | Pass    |
| 3   | 4181.000        | 48.80            | -4.76       | 74.0           | 25.20           | Peak     | 351.00         | 100         | Horizontal | Pass    |
| 3** | 4181.000        | 39.33            | -4.76       | 54.0           | 14.67           | AV       | 351.00         | 100         | Horizontal | Pass    |
| 4   | 5783.400        | 104.80           | -2.83       | --             | --              | Peak     | 168.00         | 400         | Horizontal | N/A     |
| 4** | 5783.400        | 97.29            | -2.83       | --             | --              | AV       | 168.00         | 400         | Horizontal | N/A     |
| 5   | 7578.450        | 47.95            | -2.57       | 74.0           | 26.05           | Peak     | 15.00          | 200         | Horizontal | Pass    |
| 5** | 7578.450        | 39.59            | -2.57       | 54.0           | 14.41           | AV       | 15.00          | 200         | Horizontal | Pass    |
| 6   | 11678.200       | 51.58            | 1.90        | 74.0           | 22.42           | Peak     | 1.00           | 300         | Horizontal | Pass    |
| 6** | 11678.200       | 42.13            | 1.90        | 54.0           | 11.87           | AV       | 1.00           | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1352.200        | 38.69            | -17.34      | 74.0           | 35.31           | Peak     | 325.00         | 400         | Vertical | Pass    |
| 1** | 1352.200        | 29.07            | -17.34      | 54.0           | 24.93           | AV       | 325.00         | 400         | Vertical | Pass    |
| 2   | 2812.600        | 44.33            | -10.58      | 74.0           | 29.67           | Peak     | 132.00         | 200         | Vertical | Pass    |
| 2** | 2812.600        | 34.93            | -10.58      | 54.0           | 19.07           | AV       | 132.00         | 200         | Vertical | Pass    |
| 3   | 4264.400        | 49.42            | -4.51       | 74.0           | 24.58           | Peak     | 182.00         | 150         | Vertical | Pass    |
| 3** | 4264.400        | 39.26            | -4.51       | 54.0           | 14.74           | AV       | 182.00         | 150         | Vertical | Pass    |
| 4   | 5786.200        | 105.38           | -2.81       | --             | --              | Peak     | 292.00         | 100         | Vertical | N/A     |
| 4** | 5786.200        | 97.96            | -2.81       | --             | --              | AV       | 292.00         | 100         | Vertical | N/A     |
| 5   | 7604.612        | 48.13            | -3.11       | 74.0           | 25.87           | Peak     | 120.00         | 150         | Vertical | Pass    |
| 5** | 7604.612        | 38.60            | -3.11       | 54.0           | 15.40           | AV       | 120.00         | 150         | Vertical | Pass    |
| 6   | 12281.088       | 51.92            | 2.23        | 74.0           | 22.08           | Peak     | 120.00         | 300         | Vertical | Pass    |
| 6** | 12281.088       | 41.57            | 2.23        | 54.0           | 12.43           | AV       | 120.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1409.600        | 38.37            | -17.08      | 74.0           | 35.63           | Peak     | 304.00         | 300         | Horizontal | Pass    |
| 1** | 1409.600        | 29.05            | -17.08      | 54.0           | 24.95           | AV       | 304.00         | 300         | Horizontal | Pass    |
| 2   | 2827.700        | 44.35            | -10.28      | 74.0           | 29.65           | Peak     | 208.00         | 200         | Horizontal | Pass    |
| 2** | 2827.700        | 35.01            | -10.28      | 54.0           | 18.99           | AV       | 208.00         | 200         | Horizontal | Pass    |
| 3   | 4270.600        | 48.91            | -4.61       | 74.0           | 25.09           | Peak     | 184.00         | 150         | Horizontal | Pass    |
| 3** | 4270.600        | 40.11            | -4.61       | 54.0           | 13.89           | AV       | 184.00         | 150         | Horizontal | Pass    |
| 4   | 5823.600        | 104.04           | -2.68       | --             | --              | Peak     | 152.00         | 400         | Horizontal | N/A     |
| 4** | 5823.600        | 96.46            | -2.68       | --             | --              | AV       | 152.00         | 400         | Horizontal | N/A     |
| 5   | 7364.837        | 47.87            | -2.90       | 74.0           | 26.13           | Peak     | 43.00          | 200         | Horizontal | Pass    |
| 5** | 7364.837        | 38.30            | -2.90       | 54.0           | 15.70           | AV       | 43.00          | 200         | Horizontal | Pass    |
| 6   | 12226.463       | 51.00            | 2.42        | 74.0           | 23.00           | Peak     | 97.00          | 400         | Horizontal | Pass    |
| 6** | 12226.463       | 42.08            | 2.42        | 54.0           | 11.92           | AV       | 97.00          | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1364.600        | 38.16            | -17.33      | 74.0           | 35.84           | Peak     | 44.00          | 300         | Vertical | Pass    |
| 1** | 1364.600        | 28.82            | -17.33      | 54.0           | 25.18           | AV       | 44.00          | 300         | Vertical | Pass    |
| 2   | 2762.600        | 45.31            | -10.87      | 74.0           | 28.69           | Peak     | 290.00         | 100         | Vertical | Pass    |
| 2** | 2762.600        | 34.93            | -10.87      | 54.0           | 19.07           | AV       | 290.00         | 100         | Vertical | Pass    |
| 3   | 4307.400        | 49.47            | -4.54       | 74.0           | 24.53           | Peak     | 237.00         | 200         | Vertical | Pass    |
| 3** | 4307.400        | 39.90            | -4.54       | 54.0           | 14.10           | AV       | 237.00         | 200         | Vertical | Pass    |
| 4   | 5826.000        | 105.01           | -2.66       | --             | --              | Peak     | 308.00         | 200         | Vertical | N/A     |
| 4** | 5826.000        | 97.72            | -2.66       | --             | --              | AV       | 308.00         | 200         | Vertical | N/A     |
| 5   | 7577.300        | 49.21            | -2.54       | 74.0           | 24.79           | Peak     | 184.00         | 200         | Vertical | Pass    |
| 5** | 7577.300        | 38.86            | -2.54       | 54.0           | 15.14           | AV       | 184.00         | 200         | Vertical | Pass    |
| 6   | 12154.875       | 50.98            | 2.17        | 74.0           | 23.02           | Peak     | 88.00          | 100         | Vertical | Pass    |
| 6** | 12154.875       | 41.98            | 2.17        | 54.0           | 12.02           | AV       | 88.00          | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1317.200        | 38.68            | -17.37      | 74.0           | 35.32           | Peak     | 190.00         | 200         | Horizontal | Pass    |
| 1** | 1317.200        | 28.88            | -17.37      | 54.0           | 25.12           | AV       | 190.00         | 200         | Horizontal | Pass    |
| 2   | 2730.300        | 44.89            | -10.29      | 74.0           | 29.11           | Peak     | 68.00          | 100         | Horizontal | Pass    |
| 2** | 2730.300        | 35.17            | -10.29      | 54.0           | 18.83           | AV       | 68.00          | 100         | Horizontal | Pass    |
| 3   | 4123.200        | 48.96            | -5.34       | 74.0           | 25.04           | Peak     | 57.00          | 100         | Horizontal | Pass    |
| 3** | 4123.200        | 38.92            | -5.34       | 54.0           | 15.08           | AV       | 57.00          | 100         | Horizontal | Pass    |
| 4   | 5757.400        | 102.28           | -3.14       | --             | --              | Peak     | 153.00         | 100         | Horizontal | N/A     |
| 4** | 5757.400        | 94.53            | -3.14       | --             | --              | AV       | 153.00         | 100         | Horizontal | N/A     |
| 5   | 7561.775        | 47.69            | -2.43       | 74.0           | 26.31           | Peak     | 48.00          | 200         | Horizontal | Pass    |
| 5** | 7561.775        | 39.43            | -2.43       | 54.0           | 14.57           | AV       | 48.00          | 200         | Horizontal | Pass    |
| 6   | 12231.349       | 51.54            | 2.42        | 74.0           | 22.46           | Peak     | 298.00         | 400         | Horizontal | Pass    |
| 6** | 12231.349       | 42.18            | 2.42        | 54.0           | 11.82           | AV       | 298.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1386.200        | 38.24            | -17.16      | 74.0           | 35.76           | Peak     | 223.00         | 150         | Vertical | Pass    |
| 1** | 1386.200        | 29.20            | -17.16      | 54.0           | 24.80           | AV       | 223.00         | 150         | Vertical | Pass    |
| 2   | 2857.500        | 44.87            | -10.24      | 74.0           | 29.13           | Peak     | 63.00          | 300         | Vertical | Pass    |
| 2** | 2857.500        | 35.55            | -10.24      | 54.0           | 18.45           | AV       | 63.00          | 300         | Vertical | Pass    |
| 3   | 4298.200        | 48.87            | -4.51       | 74.0           | 25.13           | Peak     | 143.00         | 100         | Vertical | Pass    |
| 3** | 4298.200        | 40.39            | -4.51       | 54.0           | 13.61           | AV       | 143.00         | 100         | Vertical | Pass    |
| 4   | 5760.000        | 102.62           | -3.07       | --             | --              | Peak     | 315.00         | 200         | Vertical | N/A     |
| 4** | 5760.000        | 94.65            | -3.07       | --             | --              | AV       | 315.00         | 200         | Vertical | N/A     |
| 5   | 7570.975        | 48.41            | -2.55       | 74.0           | 25.59           | Peak     | 308.00         | 200         | Vertical | Pass    |
| 5** | 7570.975        | 39.63            | -2.55       | 54.0           | 14.37           | AV       | 308.00         | 200         | Vertical | Pass    |
| 6   | 12157.750       | 51.61            | 2.23        | 74.0           | 22.39           | Peak     | 5.00           | 200         | Vertical | Pass    |
| 6** | 12157.750       | 41.79            | 2.23        | 54.0           | 12.21           | AV       | 5.00           | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1417.000        | 38.90            | -17.27      | 74.0           | 35.10           | Peak     | 114.00         | 400         | Horizontal | Pass    |
| 1** | 1417.000        | 28.49            | -17.27      | 54.0           | 25.51           | AV       | 114.00         | 400         | Horizontal | Pass    |
| 2   | 2770.200        | 45.44            | -11.08      | 74.0           | 28.56           | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 2** | 2770.200        | 34.69            | -11.08      | 54.0           | 19.31           | AV       | 0.00           | 200         | Horizontal | Pass    |
| 3   | 4314.600        | 48.94            | -4.75       | 74.0           | 25.06           | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 3** | 4314.600        | 39.96            | -4.75       | 54.0           | 14.04           | AV       | 360.00         | 200         | Horizontal | Pass    |
| 4   | 5790.400        | 101.56           | -2.77       | --             | --              | Peak     | 163.00         | 100         | Horizontal | N/A     |
| 4** | 5790.400        | 93.88            | -2.77       | --             | --              | AV       | 163.00         | 100         | Horizontal | N/A     |
| 5   | 7427.225        | 47.60            | -2.27       | 74.0           | 26.40           | Peak     | 333.00         | 100         | Horizontal | Pass    |
| 5** | 7427.225        | 38.75            | -2.27       | 54.0           | 15.25           | AV       | 333.00         | 100         | Horizontal | Pass    |
| 6   | 12248.887       | 51.39            | 2.54        | 74.0           | 22.61           | Peak     | 57.00          | 100         | Horizontal | Pass    |
| 6** | 12248.887       | 41.68            | 2.54        | 54.0           | 12.32           | AV       | 57.00          | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1337.900        | 38.20            | -17.49      | 74.0           | 35.80           | Peak     | 275.00         | 400         | Vertical | Pass    |
| 1** | 1337.900        | 28.49            | -17.49      | 54.0           | 25.51           | AV       | 275.00         | 400         | Vertical | Pass    |
| 2   | 2875.800        | 44.54            | -10.38      | 74.0           | 29.46           | Peak     | 236.00         | 300         | Vertical | Pass    |
| 2** | 2875.800        | 35.13            | -10.38      | 54.0           | 18.87           | AV       | 236.00         | 300         | Vertical | Pass    |
| 3   | 4308.400        | 48.90            | -4.60       | 74.0           | 25.10           | Peak     | 31.00          | 150         | Vertical | Pass    |
| 3** | 4308.400        | 39.59            | -4.60       | 54.0           | 14.41           | AV       | 31.00          | 150         | Vertical | Pass    |
| 4   | 5793.000        | 102.62           | -2.72       | --             | --              | Peak     | 274.00         | 200         | Vertical | N/A     |
| 4** | 5793.000        | 95.27            | -2.72       | --             | --              | AV       | 274.00         | 200         | Vertical | N/A     |
| 5   | 7580.175        | 47.72            | -2.61       | 74.0           | 26.28           | Peak     | 37.00          | 200         | Vertical | Pass    |
| 5** | 7580.175        | 38.68            | -2.61       | 54.0           | 15.32           | AV       | 37.00          | 200         | Vertical | Pass    |
| 6   | 12172.987       | 51.39            | 2.63        | 74.0           | 22.61           | Peak     | 226.00         | 100         | Vertical | Pass    |
| 6** | 12172.987       | 42.14            | 2.63        | 54.0           | 11.86           | AV       | 226.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1384.100        | 38.20            | -17.21      | 74.0           | 35.80           | Peak     | 359.00         | 100         | Horizontal | Pass    |
| 1** | 1384.100        | 29.14            | -17.21      | 54.0           | 24.86           | AV       | 359.00         | 100         | Horizontal | Pass    |
| 2   | 2843.900        | 44.49            | -10.60      | 74.0           | 29.51           | Peak     | 140.00         | 300         | Horizontal | Pass    |
| 2** | 2843.900        | 35.03            | -10.60      | 54.0           | 18.97           | AV       | 140.00         | 300         | Horizontal | Pass    |
| 3   | 4255.800        | 48.80            | -4.50       | 74.0           | 25.20           | Peak     | 352.00         | 150         | Horizontal | Pass    |
| 3** | 4255.800        | 39.36            | -4.50       | 54.0           | 14.64           | AV       | 352.00         | 150         | Horizontal | Pass    |
| 4   | 5747.000        | 103.12           | -3.31       | --             | --              | Peak     | 164.00         | 100         | Horizontal | N/A     |
| 4** | 5747.000        | 95.47            | -3.31       | --             | --              | AV       | 164.00         | 100         | Horizontal | N/A     |
| 5   | 7504.275        | 47.61            | -2.17       | 74.0           | 26.39           | Peak     | 171.00         | 200         | Horizontal | Pass    |
| 5** | 7504.275        | 38.69            | -2.17       | 54.0           | 15.31           | AV       | 171.00         | 200         | Horizontal | Pass    |
| 6   | 12246.300       | 50.99            | 2.52        | 74.0           | 23.01           | Peak     | 21.00          | 400         | Horizontal | Pass    |
| 6** | 12246.300       | 42.21            | 2.52        | 54.0           | 11.79           | AV       | 21.00          | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1369.100        | 37.91            | -17.37      | 74.0           | 36.09           | Peak     | 271.00         | 400         | Vertical | Pass    |
| 1** | 1369.100        | 28.65            | -17.37      | 54.0           | 25.35           | AV       | 271.00         | 400         | Vertical | Pass    |
| 2   | 2724.300        | 45.02            | -10.50      | 74.0           | 28.98           | Peak     | 164.00         | 100         | Vertical | Pass    |
| 2** | 2724.300        | 34.99            | -10.50      | 54.0           | 19.01           | AV       | 164.00         | 100         | Vertical | Pass    |
| 3   | 4266.800        | 49.33            | -4.61       | 74.0           | 24.67           | Peak     | 127.00         | 100         | Vertical | Pass    |
| 3** | 4266.800        | 39.86            | -4.61       | 54.0           | 14.14           | AV       | 127.00         | 100         | Vertical | Pass    |
| 4   | 5747.200        | 103.95           | -3.31       | --             | --              | Peak     | 298.00         | 400         | Vertical | N/A     |
| 4** | 5747.200        | 96.55            | -3.31       | --             | --              | AV       | 298.00         | 400         | Vertical | N/A     |
| 5   | 7469.200        | 47.84            | -2.64       | 74.0           | 26.16           | Peak     | 81.00          | 200         | Vertical | Pass    |
| 5** | 7469.200        | 38.11            | -2.64       | 54.0           | 15.89           | AV       | 81.00          | 200         | Vertical | Pass    |
| 6   | 12274.763       | 50.99            | 2.23        | 74.0           | 23.01           | Peak     | 11.00          | 300         | Vertical | Pass    |
| 6** | 12274.763       | 41.35            | 2.23        | 54.0           | 12.65           | AV       | 11.00          | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1351.700        | 38.90            | -17.32      | 74.0           | 35.10           | Peak     | 107.00         | 200         | Horizontal | Pass    |
| 1** | 1351.700        | 28.83            | -17.32      | 54.0           | 25.17           | AV       | 107.00         | 200         | Horizontal | Pass    |
| 2   | 2724.900        | 44.84            | -10.46      | 74.0           | 29.16           | Peak     | 212.00         | 100         | Horizontal | Pass    |
| 2** | 2724.900        | 35.18            | -10.46      | 54.0           | 18.82           | AV       | 212.00         | 100         | Horizontal | Pass    |
| 3   | 4299.200        | 48.39            | -4.50       | 74.0           | 25.61           | Peak     | 21.00          | 100         | Horizontal | Pass    |
| 3** | 4299.200        | 39.75            | -4.50       | 54.0           | 14.25           | AV       | 21.00          | 100         | Horizontal | Pass    |
| 4   | 5782.600        | 102.51           | -2.82       | --             | --              | Peak     | 165.00         | 300         | Horizontal | N/A     |
| 4** | 5782.600        | 95.08            | -2.82       | --             | --              | AV       | 165.00         | 300         | Horizontal | N/A     |
| 5   | 7576.437        | 48.01            | -2.52       | 74.0           | 25.99           | Peak     | 292.00         | 200         | Horizontal | Pass    |
| 5** | 7576.437        | 38.86            | -2.52       | 54.0           | 15.14           | AV       | 292.00         | 200         | Horizontal | Pass    |
| 6   | 12220.425       | 50.84            | 2.42        | 74.0           | 23.16           | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 6** | 12220.425       | 42.12            | 2.42        | 54.0           | 11.88           | AV       | 360.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1361.800        | 38.59            | -17.36      | 74.0           | 35.41           | Peak     | 356.00         | 200         | Vertical | Pass    |
| 1** | 1361.800        | 28.74            | -17.36      | 54.0           | 25.26           | AV       | 356.00         | 200         | Vertical | Pass    |
| 2   | 2749.900        | 44.19            | -10.30      | 74.0           | 29.81           | Peak     | 96.00          | 400         | Vertical | Pass    |
| 2** | 2749.900        | 35.92            | -10.30      | 54.0           | 18.08           | AV       | 96.00          | 400         | Vertical | Pass    |
| 3   | 4278.000        | 48.77            | -4.51       | 74.0           | 25.23           | Peak     | 204.00         | 200         | Vertical | Pass    |
| 3** | 4278.000        | 39.55            | -4.51       | 54.0           | 14.45           | AV       | 204.00         | 200         | Vertical | Pass    |
| 4   | 5784.200        | 103.39           | -2.84       | --             | --              | Peak     | 306.00         | 200         | Vertical | N/A     |
| 4** | 5784.200        | 96.53            | -2.84       | --             | --              | AV       | 306.00         | 200         | Vertical | N/A     |
| 5   | 7555.737        | 47.50            | -2.37       | 74.0           | 26.50           | Peak     | 26.00          | 150         | Vertical | Pass    |
| 5** | 7555.737        | 38.46            | -2.37       | 54.0           | 15.54           | AV       | 26.00          | 150         | Vertical | Pass    |
| 6   | 12243.425       | 51.21            | 2.49        | 74.0           | 22.79           | Peak     | 0.00           | 300         | Vertical | Pass    |
| 6** | 12243.425       | 41.87            | 2.49        | 54.0           | 12.13           | AV       | 0.00           | 300         | Vertical | Pass    |



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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1405.600        | 38.62            | -17.18      | 74.0           | 35.38           | Peak     | 266.00         | 400         | Horizontal | Pass    |
| 1** | 1405.600        | 28.56            | -17.18      | 54.0           | 25.44           | AV       | 266.00         | 400         | Horizontal | Pass    |
| 2   | 2822.000        | 44.48            | -10.28      | 74.0           | 29.52           | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 2** | 2822.000        | 34.70            | -10.28      | 54.0           | 19.30           | AV       | 0.00           | 400         | Horizontal | Pass    |
| 3   | 4300.600        | 48.93            | -4.56       | 74.0           | 25.07           | Peak     | 328.00         | 200         | Horizontal | Pass    |
| 3** | 4300.600        | 40.20            | -4.56       | 54.0           | 13.80           | AV       | 328.00         | 200         | Horizontal | Pass    |
| 4   | 5823.400        | 103.16           | -2.69       | --             | --              | Peak     | 155.00         | 200         | Horizontal | N/A     |
| 4** | 5823.400        | 95.79            | -2.69       | --             | --              | AV       | 155.00         | 200         | Horizontal | N/A     |
| 5   | 7414.000        | 47.98            | -2.19       | 74.0           | 26.02           | Peak     | 132.00         | 150         | Horizontal | Pass    |
| 5** | 7414.000        | 38.71            | -2.19       | 54.0           | 15.29           | AV       | 132.00         | 150         | Horizontal | Pass    |
| 6   | 12212.088       | 51.08            | 2.39        | 74.0           | 22.92           | Peak     | 89.00          | 200         | Horizontal | Pass    |
| 6** | 12212.088       | 41.84            | 2.39        | 54.0           | 12.16           | AV       | 89.00          | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1346.000        | 38.56            | -17.46      | 74.0           | 35.44           | Peak     | 0.00           | 100         | Vertical | Pass    |
| 1** | 1346.000        | 28.60            | -17.46      | 54.0           | 25.40           | AV       | 0.00           | 100         | Vertical | Pass    |
| 2   | 2751.800        | 44.47            | -10.39      | 74.0           | 29.53           | Peak     | 128.00         | 200         | Vertical | Pass    |
| 2** | 2751.800        | 34.54            | -10.39      | 54.0           | 19.46           | AV       | 128.00         | 200         | Vertical | Pass    |
| 3   | 4278.800        | 49.26            | -4.52       | 74.0           | 24.74           | Peak     | 63.00          | 100         | Vertical | Pass    |
| 3** | 4278.800        | 40.47            | -4.52       | 54.0           | 13.53           | AV       | 63.00          | 100         | Vertical | Pass    |
| 4   | 5826.600        | 103.15           | -2.67       | --             | --              | Peak     | 297.00         | 300         | Vertical | N/A     |
| 4** | 5826.600        | 95.46            | -2.67       | --             | --              | AV       | 297.00         | 300         | Vertical | N/A     |
| 5   | 7533.600        | 47.86            | -2.32       | 74.0           | 26.14           | Peak     | 26.00          | 200         | Vertical | Pass    |
| 5** | 7533.600        | 38.67            | -2.32       | 54.0           | 15.33           | AV       | 26.00          | 200         | Vertical | Pass    |
| 6   | 12248.025       | 51.45            | 2.52        | 74.0           | 22.55           | Peak     | 313.00         | 300         | Vertical | Pass    |
| 6** | 12248.025       | 42.37            | 2.52        | 54.0           | 11.63           | AV       | 313.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1406.200        | 38.40            | -17.17      | 74.0           | 35.60           | Peak     | 310.00         | 100         | Horizontal | Pass    |
| 1** | 1406.200        | 28.82            | -17.17      | 54.0           | 25.18           | AV       | 310.00         | 100         | Horizontal | Pass    |
| 2   | 2837.500        | 44.60            | -10.32      | 74.0           | 29.40           | Peak     | 163.00         | 100         | Horizontal | Pass    |
| 2** | 2837.500        | 34.98            | -10.32      | 54.0           | 19.02           | AV       | 163.00         | 100         | Horizontal | Pass    |
| 3   | 4291.800        | 49.01            | -4.61       | 74.0           | 24.99           | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 3** | 4291.800        | 39.97            | -4.61       | 54.0           | 14.03           | AV       | 360.00         | 150         | Horizontal | Pass    |
| 4   | 5752.600        | 100.71           | -3.26       | --             | --              | Peak     | 157.00         | 300         | Horizontal | N/A     |
| 4** | 5752.600        | 92.92            | -3.26       | --             | --              | AV       | 157.00         | 300         | Horizontal | N/A     |
| 5   | 7548.550        | 47.34            | -2.32       | 74.0           | 26.66           | Peak     | 357.00         | 200         | Horizontal | Pass    |
| 5** | 7548.550        | 37.81            | -2.32       | 54.0           | 16.19           | AV       | 357.00         | 200         | Horizontal | Pass    |
| 6   | 11699.188       | 51.33            | 1.49        | 74.0           | 22.67           | Peak     | 228.00         | 100         | Horizontal | Pass    |
| 6** | 11699.188       | 41.57            | 1.49        | 54.0           | 12.43           | AV       | 228.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1347.800        | 40.16            | -17.43      | 74.0           | 33.84           | Peak     | 128.00         | 100         | Vertical | Pass    |
| 1** | 1347.800        | 29.28            | -17.43      | 54.0           | 24.72           | AV       | 128.00         | 100         | Vertical | Pass    |
| 2   | 2818.500        | 44.40            | -10.36      | 74.0           | 29.60           | Peak     | 248.00         | 300         | Vertical | Pass    |
| 2** | 2818.500        | 35.07            | -10.36      | 54.0           | 18.93           | AV       | 248.00         | 300         | Vertical | Pass    |
| 3   | 4253.200        | 48.53            | -4.60       | 74.0           | 25.47           | Peak     | 1.00           | 200         | Vertical | Pass    |
| 3** | 4253.200        | 39.91            | -4.60       | 54.0           | 14.09           | AV       | 1.00           | 200         | Vertical | Pass    |
| 4   | 5757.600        | 101.61           | -3.13       | --             | --              | Peak     | 289.00         | 100         | Vertical | N/A     |
| 4** | 5757.600        | 94.20            | -3.13       | --             | --              | AV       | 289.00         | 100         | Vertical | N/A     |
| 5   | 7597.712        | 47.61            | -3.00       | 74.0           | 26.39           | Peak     | 26.00          | 150         | Vertical | Pass    |
| 5** | 7597.712        | 39.51            | -3.00       | 54.0           | 14.49           | AV       | 26.00          | 150         | Vertical | Pass    |
| 6   | 11686.537       | 50.92            | 1.76        | 74.0           | 23.08           | Peak     | 324.00         | 400         | Vertical | Pass    |
| 6** | 11686.537       | 41.28            | 1.76        | 54.0           | 12.72           | AV       | 324.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1358.900        | 37.96            | -17.26      | 74.0           | 36.04           | Peak     | 279.00         | 200         | Horizontal | Pass    |
| 1** | 1358.900        | 28.66            | -17.26      | 54.0           | 25.34           | AV       | 279.00         | 200         | Horizontal | Pass    |
| 2   | 2740.600        | 44.95            | -10.41      | 74.0           | 29.05           | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 2** | 2740.600        | 34.66            | -10.41      | 54.0           | 19.34           | AV       | 0.00           | 200         | Horizontal | Pass    |
| 3   | 4273.600        | 48.76            | -4.59       | 74.0           | 25.24           | Peak     | 28.00          | 150         | Horizontal | Pass    |
| 3** | 4273.600        | 39.69            | -4.59       | 54.0           | 14.31           | AV       | 28.00          | 150         | Horizontal | Pass    |
| 4   | 5799.200        | 99.98            | -2.62       | --             | --              | Peak     | 155.00         | 100         | Horizontal | N/A     |
| 4** | 5799.200        | 92.34            | -2.62       | --             | --              | AV       | 155.00         | 100         | Horizontal | N/A     |
| 5   | 7436.425        | 47.48            | -2.55       | 74.0           | 26.52           | Peak     | 359.00         | 200         | Horizontal | Pass    |
| 5** | 7436.425        | 38.60            | -2.55       | 54.0           | 15.40           | AV       | 359.00         | 200         | Horizontal | Pass    |
| 6   | 12230.200       | 50.78            | 2.42        | 74.0           | 23.22           | Peak     | 359.00         | 100         | Horizontal | Pass    |
| 6** | 12230.200       | 42.26            | 2.42        | 54.0           | 11.74           | AV       | 359.00         | 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) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1373.800        | 38.78            | -17.45      | 74.0           | 35.22           | Peak     | 42.00          | 100         | Vertical | Pass    |
| 1** | 1373.800        | 28.98            | -17.45      | 54.0           | 25.02           | AV       | 42.00          | 100         | Vertical | Pass    |
| 2   | 2816.800        | 44.42            | -10.45      | 74.0           | 29.58           | Peak     | 16.00          | 100         | Vertical | Pass    |
| 2** | 2816.800        | 35.23            | -10.45      | 54.0           | 18.77           | AV       | 16.00          | 100         | Vertical | Pass    |
| 3   | 4180.600        | 48.76            | -4.74       | 74.0           | 25.24           | Peak     | 229.00         | 100         | Vertical | Pass    |
| 3** | 4180.600        | 40.22            | -4.74       | 54.0           | 13.78           | AV       | 229.00         | 100         | Vertical | Pass    |
| 4   | 5793.600        | 100.24           | -2.72       | --             | --              | Peak     | 159.00         | 400         | Vertical | N/A     |
| 4** | 5793.600        | 93.22            | -2.72       | --             | --              | AV       | 159.00         | 400         | Vertical | N/A     |
| 5   | 7620.425        | 47.79            | -2.92       | 74.0           | 26.21           | Peak     | 70.00          | 200         | Vertical | Pass    |
| 5** | 7620.425        | 37.32            | -2.92       | 54.0           | 16.68           | AV       | 70.00          | 200         | Vertical | Pass    |
| 6   | 12136.188       | 51.09            | 1.94        | 74.0           | 22.91           | Peak     | 0.00           | 200         | Vertical | Pass    |
| 6** | 12136.188       | 41.49            | 1.94        | 54.0           | 12.51           | AV       | 0.00           | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1315.500        | 38.39            | -17.33      | 74.0           | 35.61           | Peak     | 297.00         | 300         | Horizontal | Pass    |
| 1** | 1315.500        | 28.56            | -17.33      | 54.0           | 25.44           | AV       | 297.00         | 300         | Horizontal | Pass    |
| 2   | 2857.200        | 44.07            | -10.24      | 74.0           | 29.93           | Peak     | 236.00         | 300         | Horizontal | Pass    |
| 2** | 2857.200        | 35.22            | -10.24      | 54.0           | 18.78           | AV       | 236.00         | 300         | Horizontal | Pass    |
| 3   | 4257.400        | 48.73            | -4.47       | 74.0           | 25.27           | Peak     | 259.00         | 100         | Horizontal | Pass    |
| 3** | 4257.400        | 39.52            | -4.47       | 54.0           | 14.48           | AV       | 259.00         | 100         | Horizontal | Pass    |
| 4   | 5768.800        | 98.13            | -2.76       | --             | --              | Peak     | 165.00         | 400         | Horizontal | N/A     |
| 4** | 5768.800        | 89.74            | -2.76       | --             | --              | AV       | 165.00         | 400         | Horizontal | N/A     |
| 5   | 7414.575        | 48.27            | -2.19       | 74.0           | 25.73           | Peak     | 66.00          | 200         | Horizontal | Pass    |
| 5** | 7414.575        | 38.98            | -2.19       | 54.0           | 15.02           | AV       | 66.00          | 200         | Horizontal | Pass    |
| 6   | 12226.175       | 50.95            | 2.42        | 74.0           | 23.05           | Peak     | 99.00          | 300         | Horizontal | Pass    |
| 6** | 12226.175       | 42.25            | 2.42        | 54.0           | 11.75           | AV       | 99.00          | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1346.800        | 38.29            | -17.46      | 74.0           | 35.71           | Peak     | 59.00          | 200         | Vertical | Pass    |
| 1** | 1346.800        | 28.68            | -17.46      | 54.0           | 25.32           | AV       | 59.00          | 200         | Vertical | Pass    |
| 2   | 2836.900        | 44.04            | -10.27      | 74.0           | 29.96           | Peak     | 360.00         | 100         | Vertical | Pass    |
| 2** | 2836.900        | 34.98            | -10.27      | 54.0           | 19.02           | AV       | 360.00         | 100         | Vertical | Pass    |
| 3   | 4309.400        | 48.75            | -4.67       | 74.0           | 25.25           | Peak     | 357.00         | 200         | Vertical | Pass    |
| 3** | 4309.400        | 39.62            | -4.67       | 54.0           | 14.38           | AV       | 357.00         | 200         | Vertical | Pass    |
| 4   | 5773.000        | 98.23            | -2.81       | --             | --              | Peak     | 298.00         | 100         | Vertical | N/A     |
| 4** | 5773.000        | 91.34            | -2.81       | --             | --              | AV       | 298.00         | 100         | Vertical | N/A     |
| 5   | 7562.925        | 47.87            | -2.49       | 74.0           | 26.13           | Peak     | 0.00           | 150         | Vertical | Pass    |
| 5** | 7562.925        | 39.37            | -2.49       | 54.0           | 14.63           | AV       | 0.00           | 150         | Vertical | Pass    |
| 6   | 12244.862       | 50.97            | 2.50        | 74.0           | 23.03           | Peak     | 101.00         | 300         | Vertical | Pass    |
| 6** | 12244.862       | 41.86            | 2.50        | 54.0           | 12.14           | AV       | 101.00         | 300         | Vertical | Pass    |

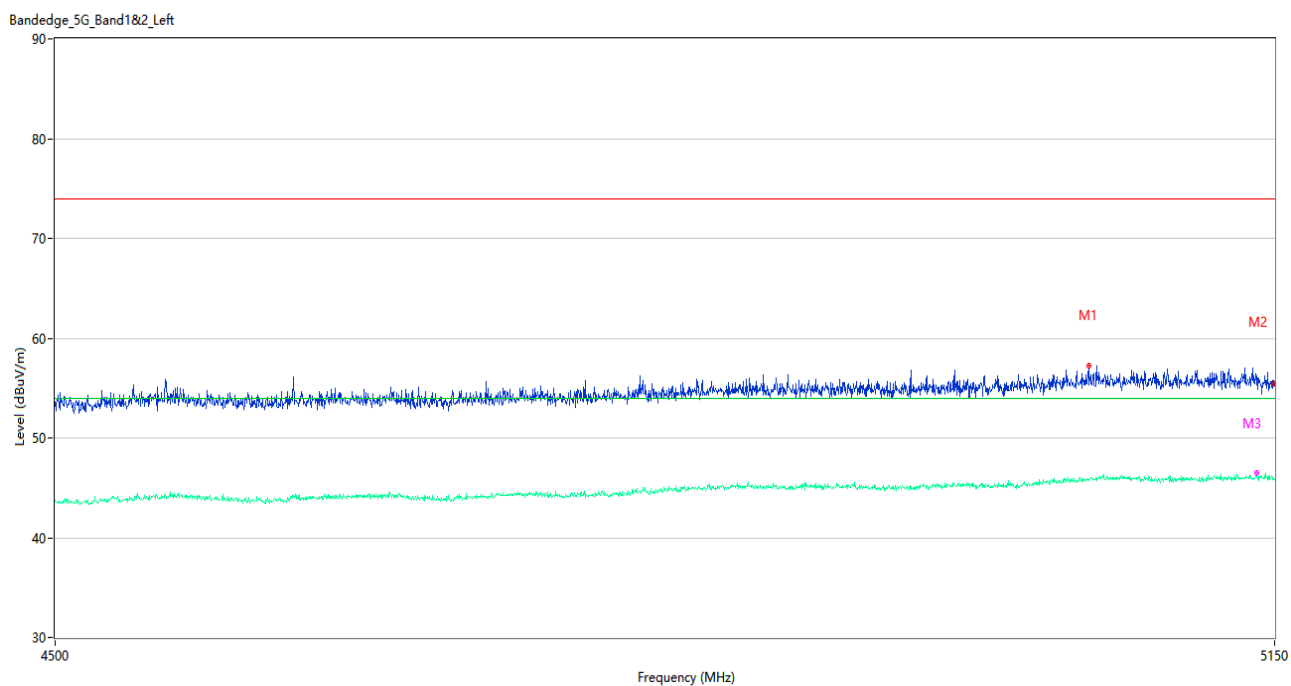
## A.6.2 Band Edge (Restricted-band)

| Test Band | Mode            | Channel | Verdict |
|-----------|-----------------|---------|---------|
| U-NII-1   | 802.11a         | Low     | Pass    |
|           |                 | High    | Pass    |
|           | 802.11n(HT20)   | Low     | Pass    |
|           |                 | High    | Pass    |
|           | 802.11n(HT40)   | Low     | Pass    |
|           |                 | High    | Pass    |
|           | 802.11ac(VHT20) | Low     | Pass    |
|           |                 | High    | Pass    |
| 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    |
| 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    |
| 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(VHT80) | Low     | Pass    |
|           |                 | High    | Pass    |

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

## Test Data and Plots

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5045.025        | 57.28            | 2.81        | 74.0           | 16.72       | Peak     | 65.00          | 400         | Horizontal | Pass    |
| 1** | 5045.025        | 45.74            | 2.81        | 54.0           | 8.26        | AV       | 65.00          | 400         | Horizontal | Pass    |
| 2   | 5150.000        | 55.47            | 2.46        | 74.0           | 18.53       | Peak     | 266.00         | 150         | Horizontal | Pass    |
| 2** | 5150.000        | 45.82            | 2.46        | 54.0           | 8.18        | AV       | 266.00         | 150         | Horizontal | Pass    |
| 3   | 5139.600        | 55.34            | 2.46        | 74.0           | 18.66       | Peak     | 41.00          | 100         | Horizontal | Pass    |
| 3** | 5139.600        | 46.52            | 2.46        | 54.0           | 7.48        | AV       | 41.00          | 100         | Horizontal | Pass    |

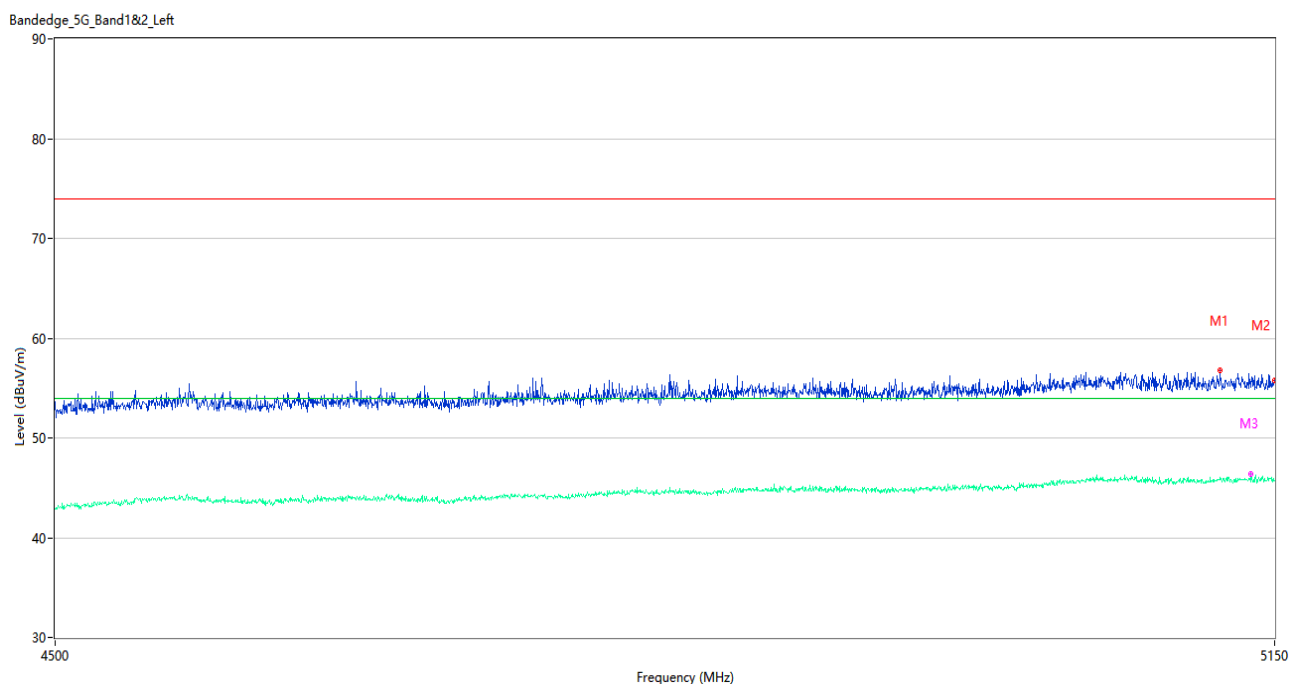
## U-NII-1 11a High Channel



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 56.33            | 2.52        | 74.0           | 17.67       | Peak     | 160.00         | 400         | Horizontal | Pass    |
| 1** | 5350.000        | 45.41            | 2.52        | 54.0           | 8.59        | AV       | 160.00         | 400         | Horizontal | Pass    |
| 2   | 5375.483        | 57.58            | 2.49        | 74.0           | 16.42       | Peak     | 248.00         | 400         | Horizontal | Pass    |
| 2** | 5375.483        | 45.43            | 2.49        | 54.0           | 8.57        | AV       | 248.00         | 400         | Horizontal | Pass    |
| 3   | 5372.183        | 56.56            | 2.58        | 74.0           | 17.44       | Peak     | 155.00         | 150         | Horizontal | Pass    |
| 3** | 5372.183        | 45.79            | 2.58        | 54.0           | 8.21        | AV       | 155.00         | 150         | Horizontal | Pass    |

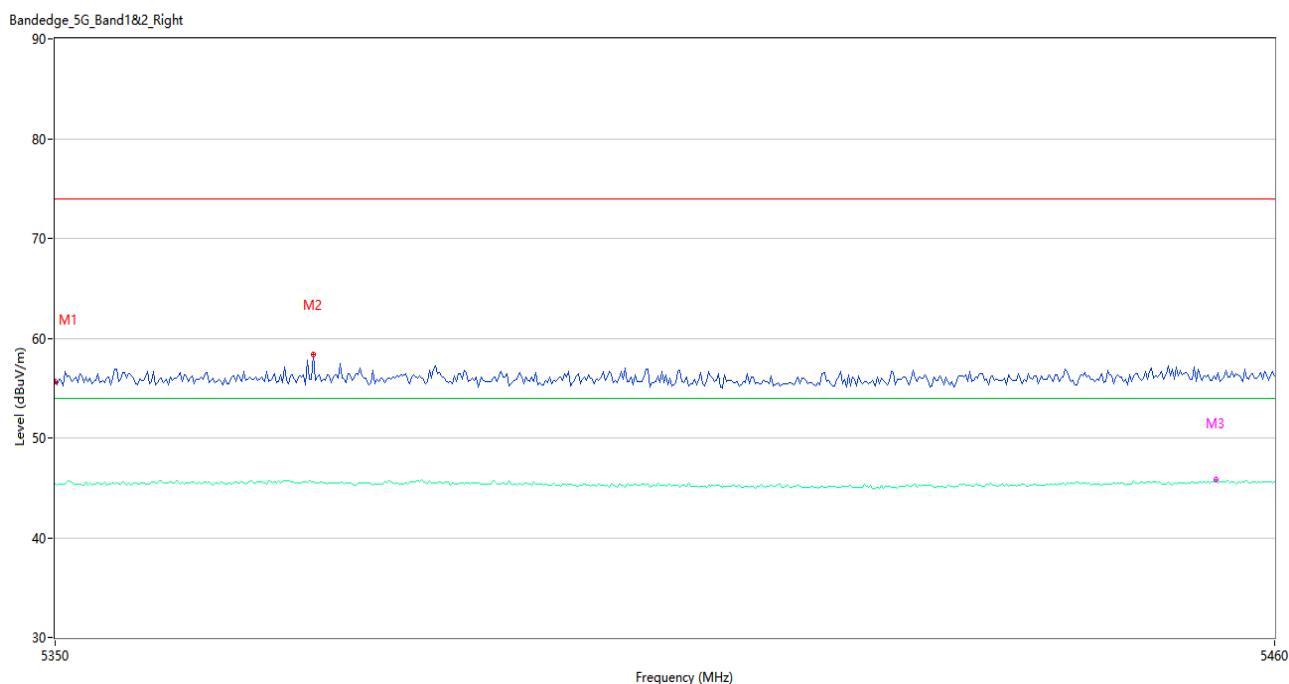


## U-NII-1 11n20 Low Channel



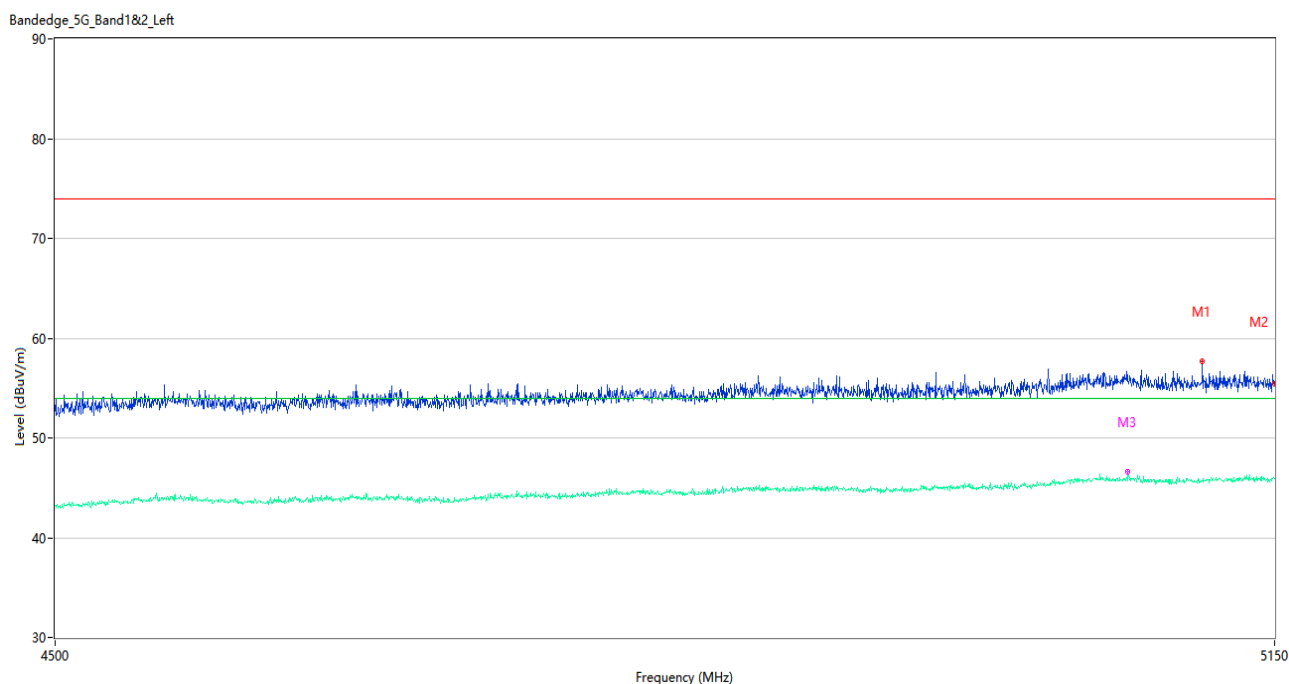
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5119.125        | 56.73            | 2.59        | 74.0           | 17.27       | Peak     | 357.00         | 400         | Horizontal | Pass    |
| 1** | 5119.125        | 46.08            | 2.59        | 54.0           | 7.92        | AV       | 357.00         | 400         | Horizontal | Pass    |
| 2   | 5150.000        | 55.73            | 2.46        | 74.0           | 18.27       | Peak     | 34.00          | 200         | Horizontal | Pass    |
| 2** | 5150.000        | 45.71            | 2.46        | 54.0           | 8.29        | AV       | 34.00          | 200         | Horizontal | Pass    |
| 3   | 5136.675        | 55.19            | 2.50        | 74.0           | 18.81       | Peak     | 166.00         | 150         | Horizontal | Pass    |
| 3** | 5136.675        | 46.34            | 2.50        | 54.0           | 7.66        | AV       | 166.00         | 150         | Horizontal | Pass    |

## U-NII-1 11n20 High Channel



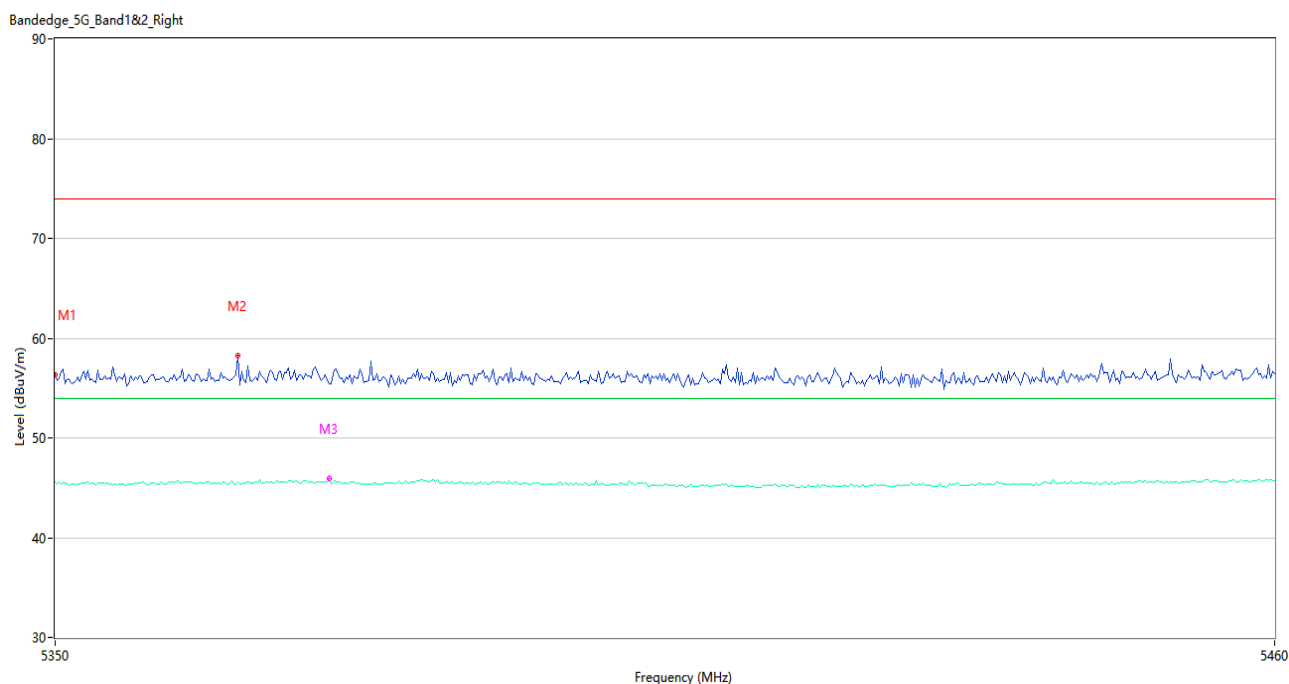
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.66            | 2.52        | 74.0           | 18.34       | Peak     | 82.00          | 400         | Horizontal | Pass    |
| 1** | 5350.000        | 45.39            | 2.52        | 54.0           | 8.61        | AV       | 82.00          | 400         | Horizontal | Pass    |
| 2   | 5373.100        | 58.31            | 2.55        | 74.0           | 15.69       | Peak     | 343.00         | 300         | Horizontal | Pass    |
| 2** | 5373.100        | 45.54            | 2.55        | 54.0           | 8.46        | AV       | 343.00         | 300         | Horizontal | Pass    |
| 3   | 5454.683        | 55.87            | 2.61        | 74.0           | 18.13       | Peak     | 295.00         | 150         | Horizontal | Pass    |
| 3** | 5454.683        | 45.83            | 2.61        | 54.0           | 8.17        | AV       | 295.00         | 150         | Horizontal | Pass    |

## U-NII-1 11n40 Low Channel



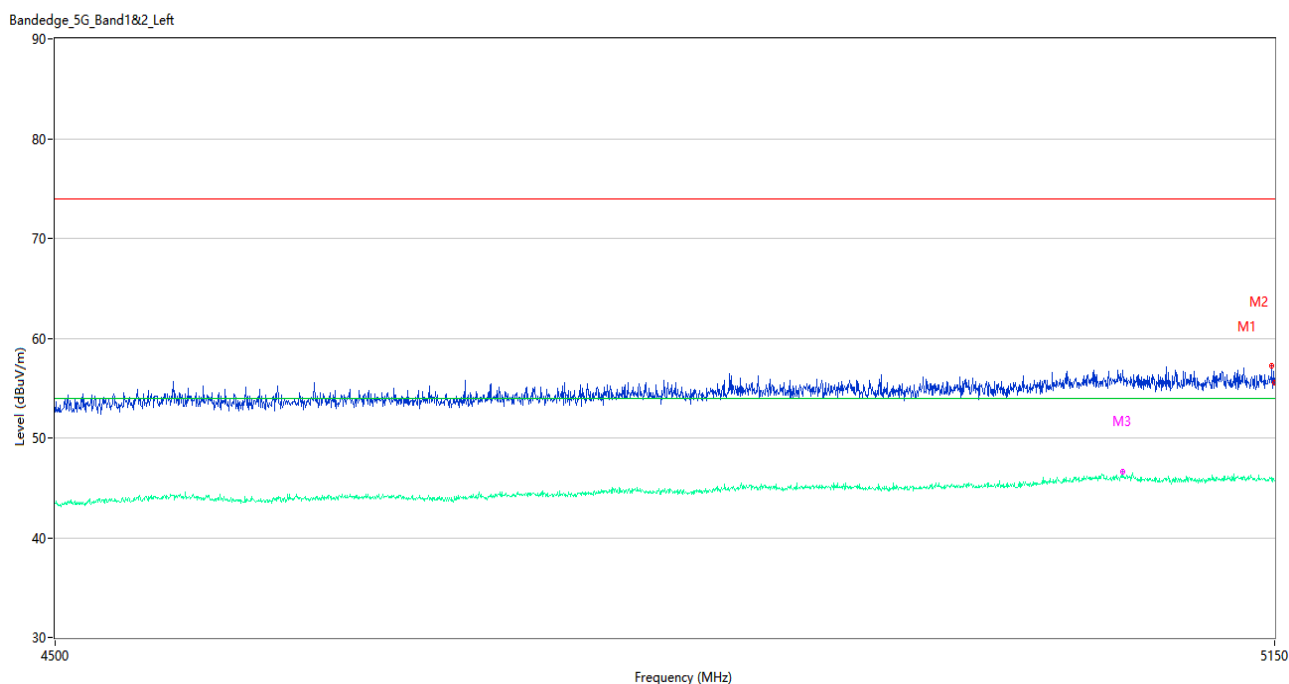
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5109.050        | 57.65            | 2.53        | 74.0           | 16.35       | Peak     | 290.00         | 300         | Horizontal | Pass    |
| 1** | 5109.050        | 45.66            | 2.53        | 54.0           | 8.34        | AV       | 290.00         | 300         | Horizontal | Pass    |
| 2   | 5150.000        | 55.44            | 2.46        | 74.0           | 18.56       | Peak     | 253.00         | 400         | Horizontal | Pass    |
| 2** | 5150.000        | 45.90            | 2.46        | 54.0           | 8.10        | AV       | 253.00         | 400         | Horizontal | Pass    |
| 3   | 5067.125        | 55.81            | 2.65        | 74.0           | 18.19       | Peak     | 230.00         | 150         | Horizontal | Pass    |
| 3** | 5067.125        | 46.56            | 2.65        | 54.0           | 7.44        | AV       | 230.00         | 150         | Horizontal | Pass    |

## U-NII-1 11n40 High Channel



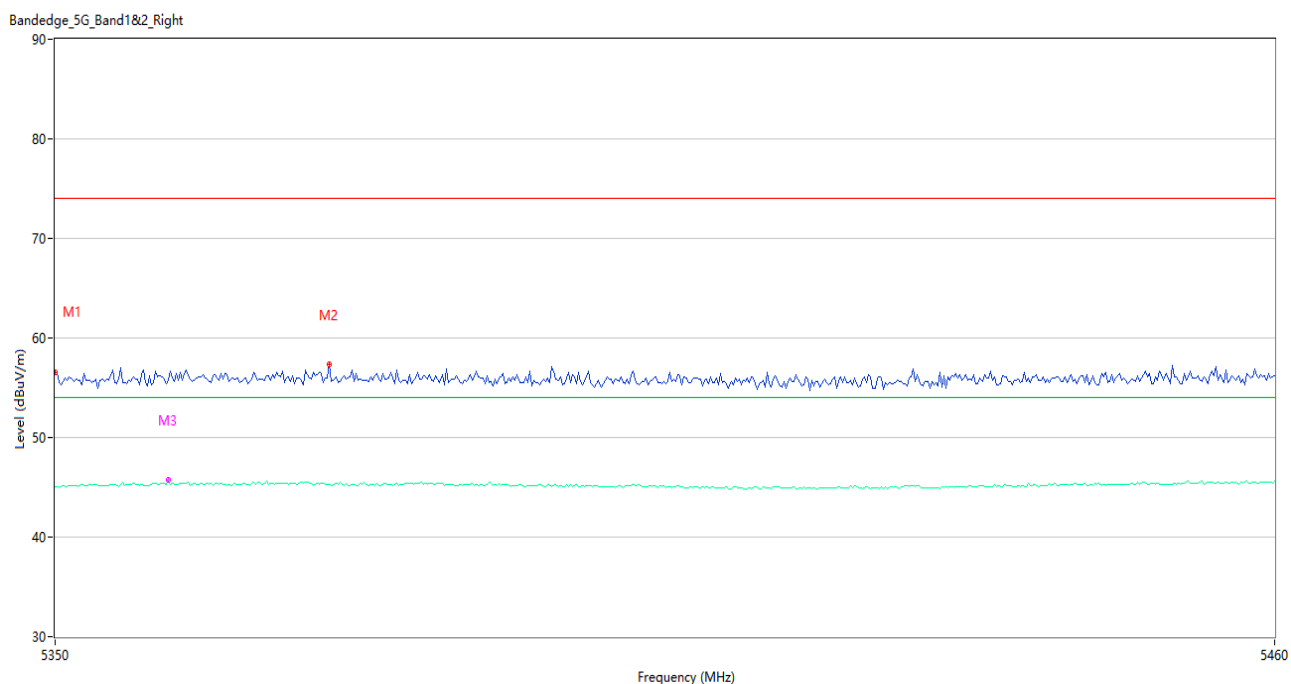
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 56.28            | 2.52        | 74.0           | 17.72       | Peak     | 233.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 45.56            | 2.52        | 54.0           | 8.44        | AV       | 233.00         | 200         | Horizontal | Pass    |
| 2   | 5366.317        | 58.23            | 2.48        | 74.0           | 15.77       | Peak     | 267.00         | 200         | Horizontal | Pass    |
| 2** | 5366.317        | 45.60            | 2.48        | 54.0           | 8.40        | AV       | 267.00         | 200         | Horizontal | Pass    |
| 3   | 5374.567        | 55.37            | 2.51        | 74.0           | 18.63       | Peak     | 140.00         | 150         | Horizontal | Pass    |
| 3** | 5374.567        | 45.88            | 2.51        | 54.0           | 8.12        | AV       | 140.00         | 150         | Horizontal | Pass    |

## U-NII-1 11ac20 Low Channel



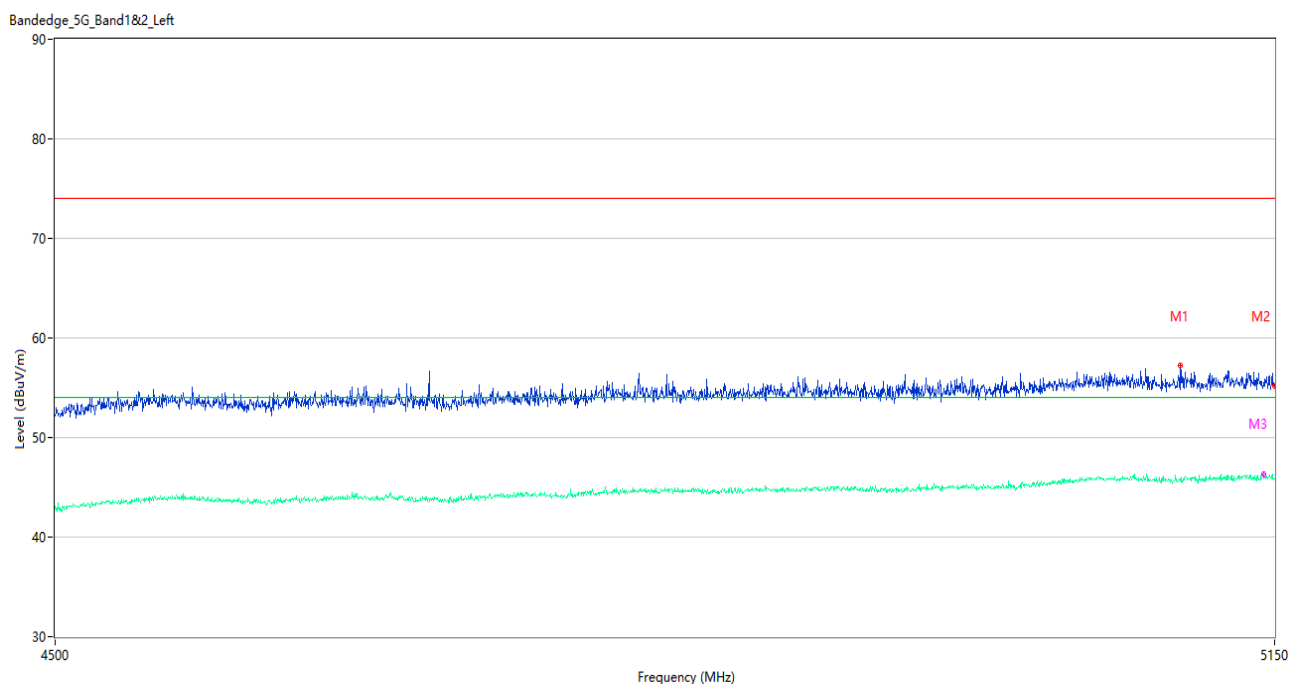
| No. | Frequency<br>(MHz) | Results<br>(dBuV/m) | Factor<br>(dB) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Table<br>(Degree) | Height<br>(cm) | Antenna    | Verdict |
|-----|--------------------|---------------------|----------------|-------------------|----------------|----------|-------------------|----------------|------------|---------|
| 1   | 5148.375           | 57.27               | 2.49           | 74.0              | 16.73          | Peak     | 164.00            | 200            | Horizontal | Pass    |
| 1** | 5148.375           | 45.71               | 2.49           | 54.0              | 8.29           | AV       | 164.00            | 200            | Horizontal | Pass    |
| 2   | 5150.000           | 55.53               | 2.46           | 74.0              | 18.47          | Peak     | 124.00            | 100            | Horizontal | Pass    |
| 2** | 5150.000           | 45.75               | 2.46           | 54.0              | 8.25           | AV       | 124.00            | 100            | Horizontal | Pass    |
| 3   | 5063.875           | 56.14               | 2.69           | 74.0              | 17.86          | Peak     | 29.00             | 150            | Horizontal | Pass    |
| 3** | 5063.875           | 46.64               | 2.69           | 54.0              | 7.36           | AV       | 29.00             | 150            | Horizontal | Pass    |

## U-NII-1 11ac20 High Channel



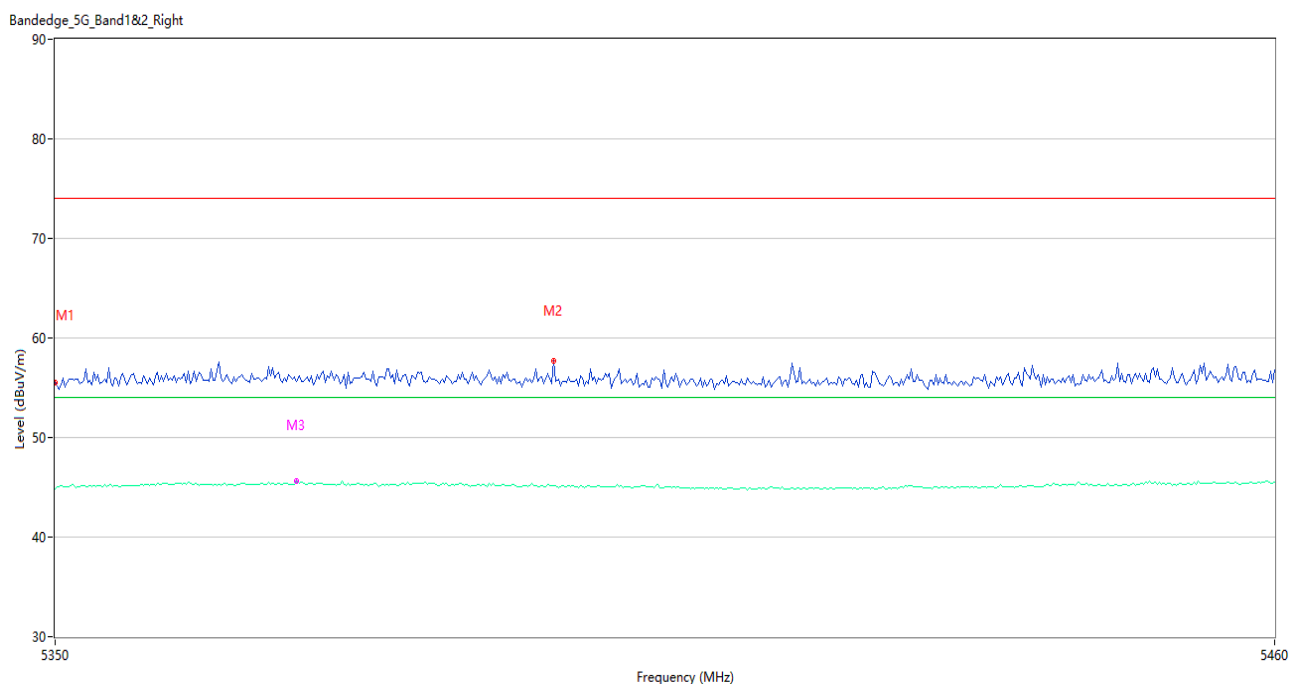
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 56.50            | 2.52        | 74.0           | 17.50       | Peak     | 147.00         | 300         | Horizontal | Pass    |
| 1** | 5350.000        | 45.06            | 2.52        | 54.0           | 8.94        | AV       | 147.00         | 300         | Horizontal | Pass    |
| 2   | 5374.567        | 57.30            | 2.51        | 74.0           | 16.70       | Peak     | 315.00         | 300         | Horizontal | Pass    |
| 2** | 5374.567        | 45.24            | 2.51        | 54.0           | 8.76        | AV       | 315.00         | 300         | Horizontal | Pass    |
| 3   | 5360.083        | 55.75            | 2.58        | 74.0           | 18.25       | Peak     | 4.00           | 150         | Horizontal | Pass    |
| 3** | 5360.083        | 45.71            | 2.58        | 54.0           | 8.29        | AV       | 4.00           | 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   | 5096.700        | 57.19            | 2.62        | 74.0           | 16.81       | Peak     | 166.00         | 300         | Horizontal | Pass    |
| 1** | 5096.700        | 45.60            | 2.62        | 54.0           | 8.40        | AV       | 166.00         | 300         | Horizontal | Pass    |
| 2   | 5150.000        | 55.14            | 2.46        | 74.0           | 18.86       | Peak     | 110.00         | 100         | Horizontal | Pass    |
| 2** | 5150.000        | 45.92            | 2.46        | 54.0           | 8.08        | AV       | 110.00         | 100         | Horizontal | Pass    |
| 3   | 5143.500        | 55.54            | 2.49        | 74.0           | 18.46       | Peak     | 184.00         | 150         | Horizontal | Pass    |
| 3** | 5143.500        | 46.34            | 2.49        | 54.0           | 7.66        | AV       | 184.00         | 150         | Horizontal | Pass    |

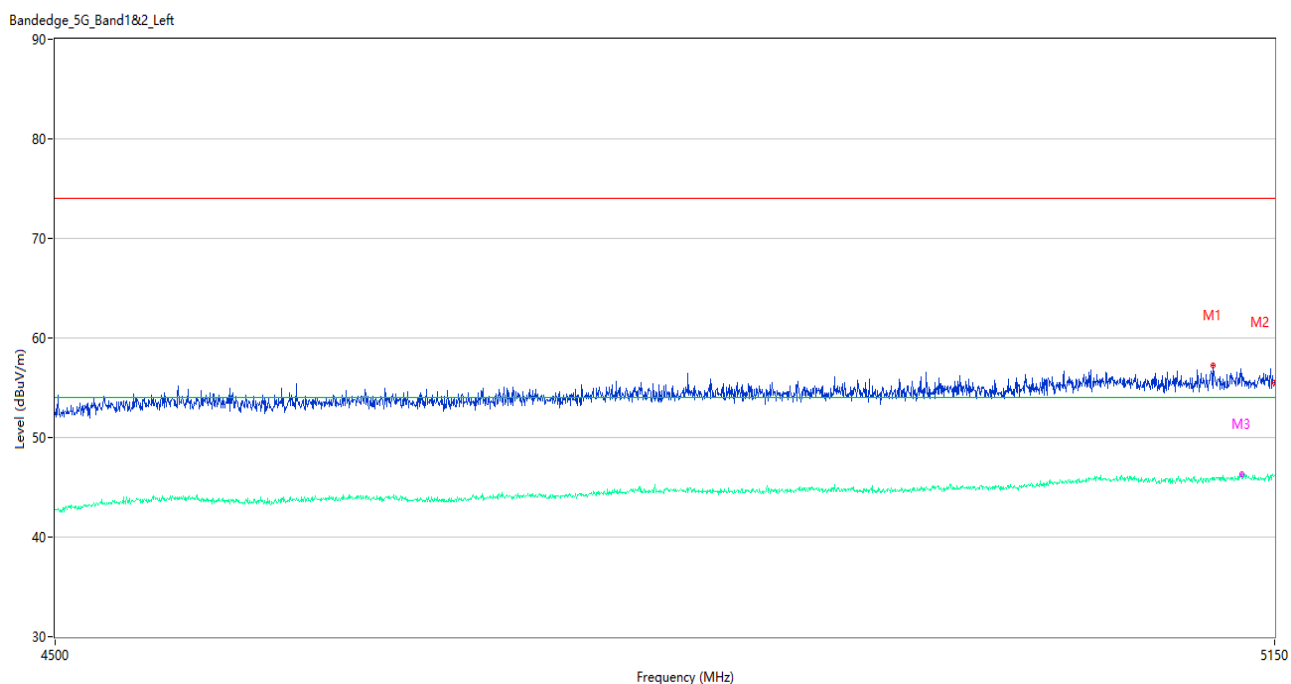
## U-NII-1 11ac40 High Channel



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.49            | 2.52        | 74.0           | 18.51       | Peak     | 261.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 44.88            | 2.52        | 54.0           | 9.12        | AV       | 261.00         | 200         | Horizontal | Pass    |
| 2   | 5394.734        | 57.71            | 2.34        | 74.0           | 16.29       | Peak     | 14.00          | 100         | Horizontal | Pass    |
| 2** | 5394.734        | 45.15            | 2.34        | 54.0           | 8.85        | AV       | 14.00          | 100         | Horizontal | Pass    |
| 3   | 5371.633        | 55.66            | 2.59        | 74.0           | 18.34       | Peak     | 152.00         | 150         | Horizontal | Pass    |
| 3** | 5371.633        | 45.67            | 2.59        | 54.0           | 8.33        | AV       | 152.00         | 150         | Horizontal | Pass    |

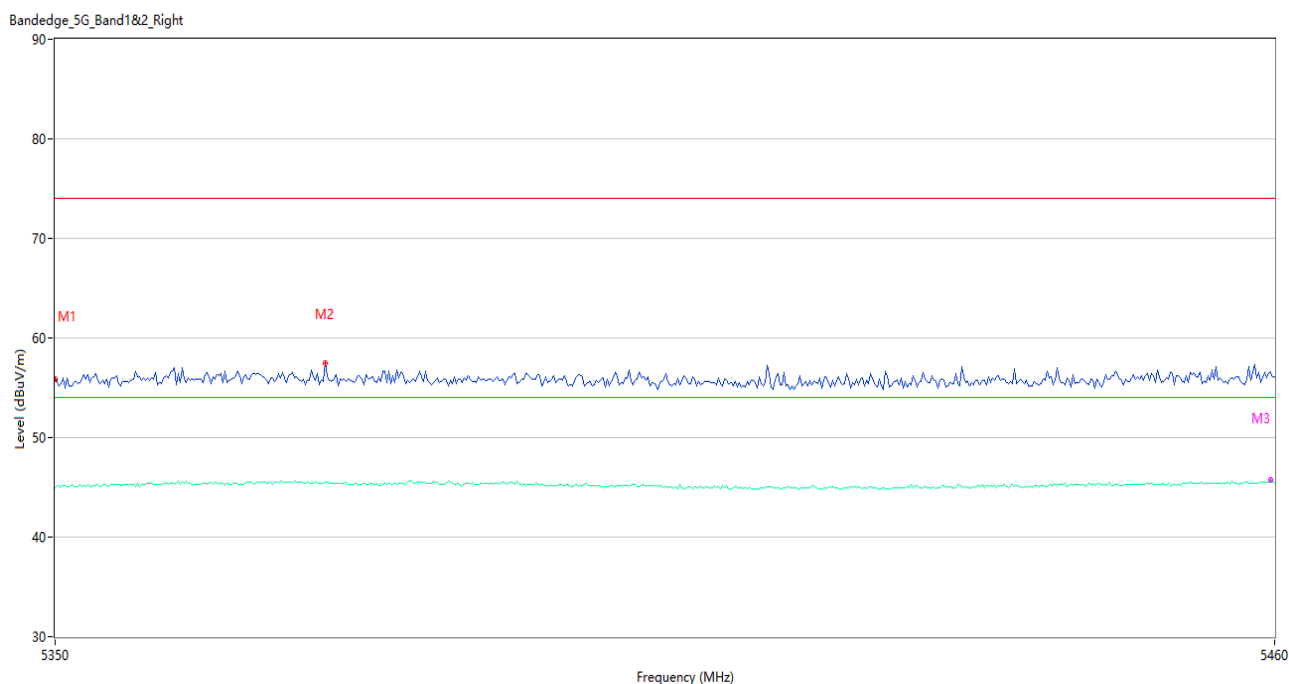


## U-NII-1 11ac80 Middle Channel



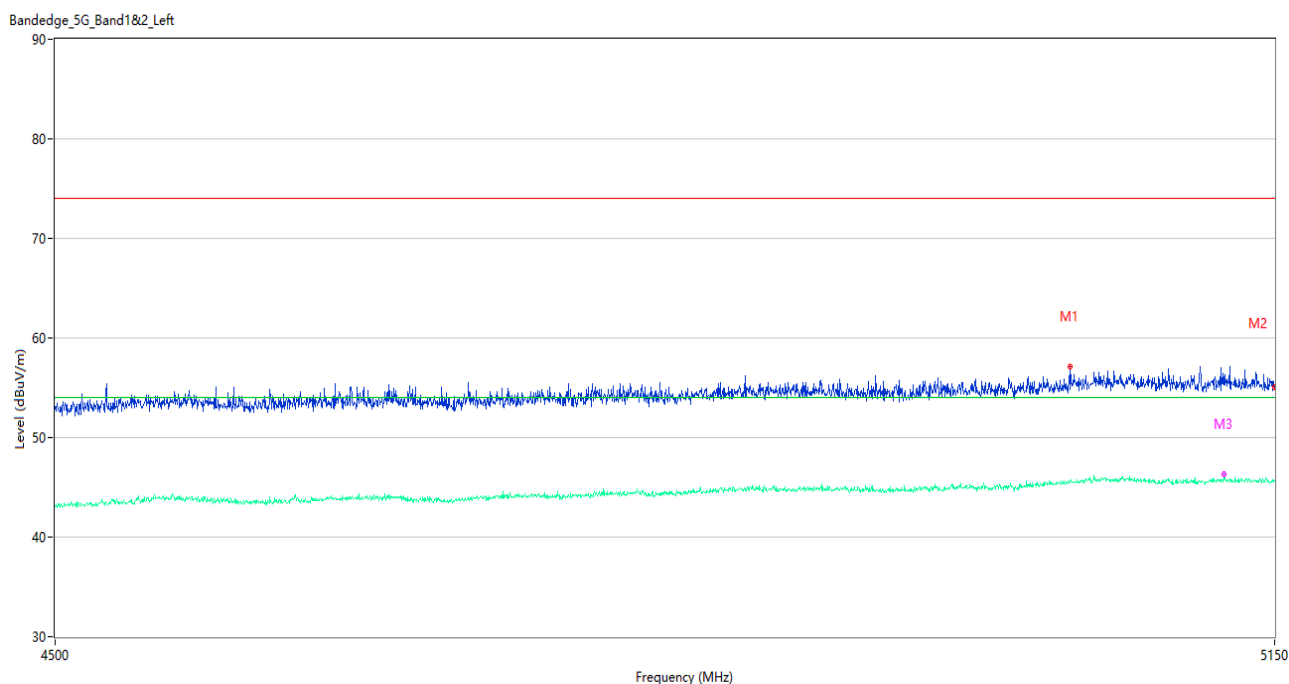
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5115.225        | 57.25            | 2.61        | 74.0           | 16.75       | Peak     | 266.00         | 400         | Horizontal | Pass    |
| 1** | 5115.225        | 45.69            | 2.61        | 54.0           | 8.31        | AV       | 266.00         | 400         | Horizontal | Pass    |
| 2   | 5150.000        | 55.47            | 2.46        | 74.0           | 18.53       | Peak     | 26.00          | 200         | Horizontal | Pass    |
| 2** | 5150.000        | 46.24            | 2.46        | 54.0           | 7.76        | AV       | 26.00          | 200         | Horizontal | Pass    |
| 3   | 5131.150        | 55.13            | 2.55        | 74.0           | 18.87       | Peak     | 93.00          | 150         | Horizontal | Pass    |
| 3** | 5131.150        | 46.33            | 2.55        | 54.0           | 7.67        | AV       | 93.00          | 150         | Horizontal | Pass    |

## U-NII-1 11ac80 Middle Channel



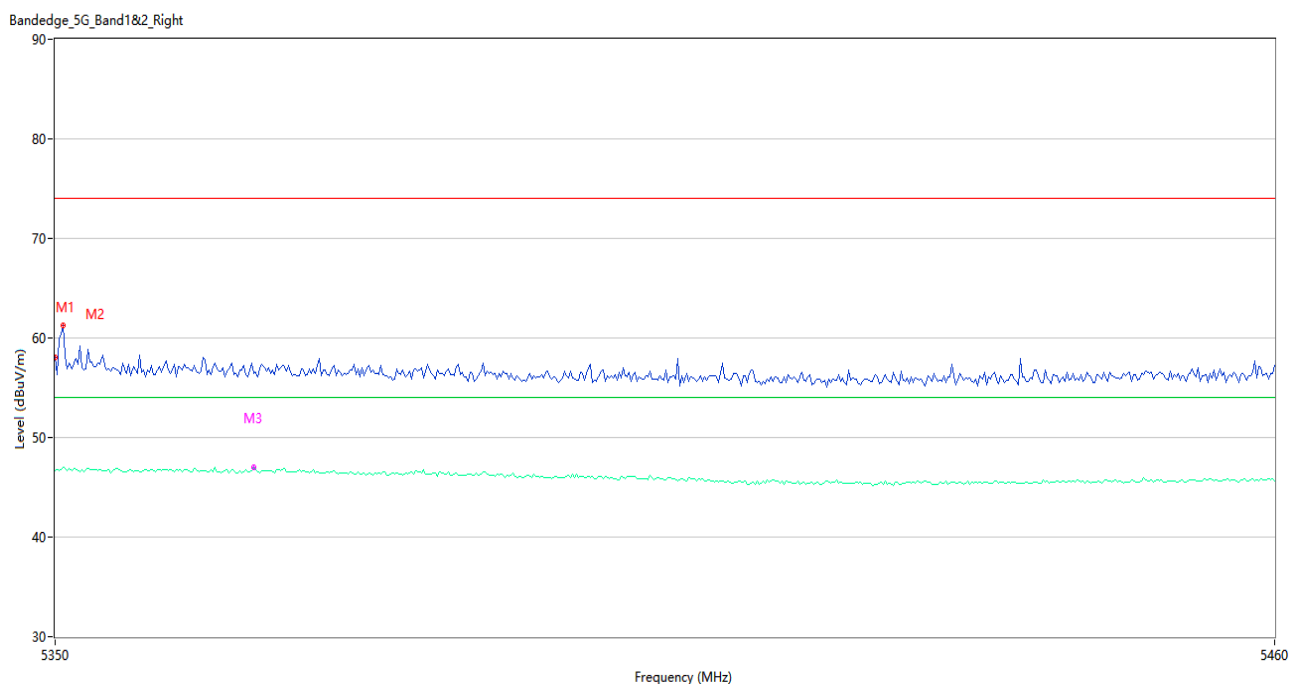
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.89            | 2.52        | 74.0           | 18.11       | Peak     | 220.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 44.98            | 2.52        | 54.0           | 9.02        | AV       | 220.00         | 200         | Horizontal | Pass    |
| 2   | 5374.200        | 57.47            | 2.52        | 74.0           | 16.53       | Peak     | 238.00         | 400         | Horizontal | Pass    |
| 2** | 5374.200        | 45.52            | 2.52        | 54.0           | 8.48        | AV       | 238.00         | 400         | Horizontal | Pass    |
| 3   | 5459.633        | 56.55            | 2.68        | 74.0           | 17.45       | Peak     | 336.00         | 150         | Horizontal | Pass    |
| 3** | 5459.633        | 45.74            | 2.68        | 54.0           | 8.26        | AV       | 336.00         | 150         | Horizontal | Pass    |

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



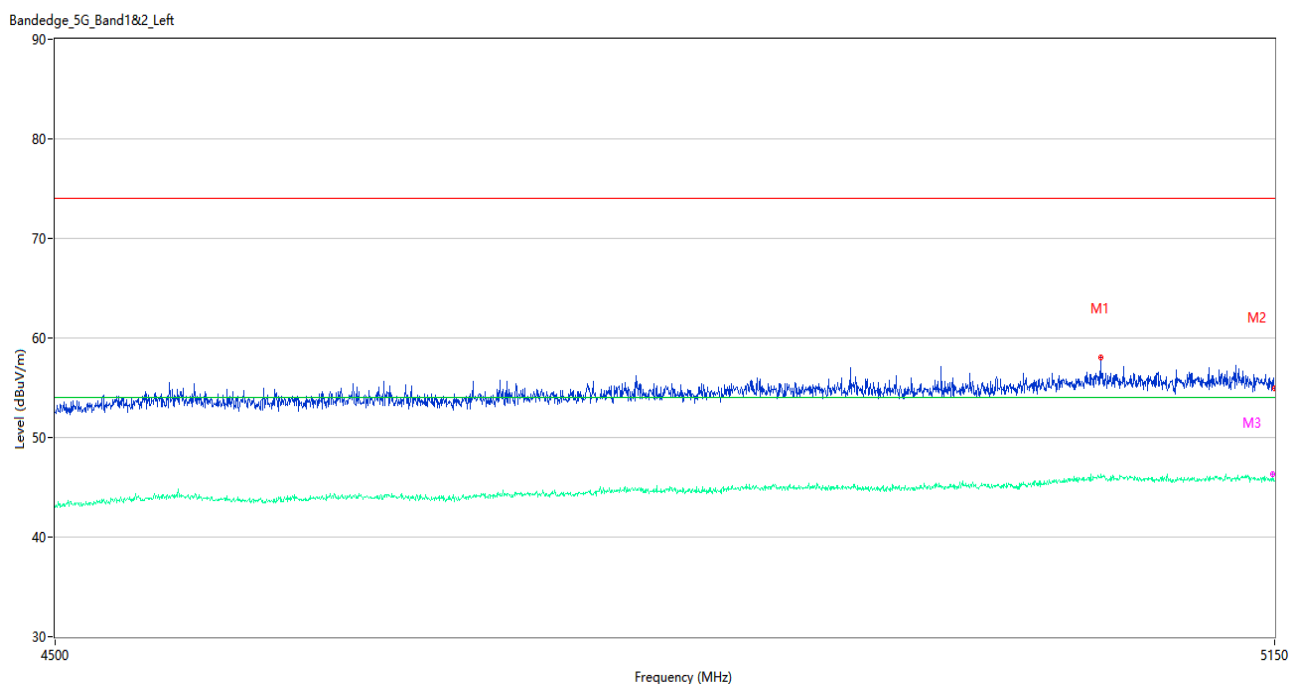
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5034.950        | 57.16            | 2.72        | 74.0           | 16.84       | Peak     | 57.00          | 100         | Horizontal | Pass    |
| 1** | 5034.950        | 45.56            | 2.72        | 54.0           | 8.44        | AV       | 57.00          | 100         | Horizontal | Pass    |
| 2   | 5150.000        | 55.07            | 2.46        | 74.0           | 18.93       | Peak     | 147.00         | 100         | Horizontal | Pass    |
| 2** | 5150.000        | 45.64            | 2.46        | 54.0           | 8.36        | AV       | 147.00         | 100         | Horizontal | Pass    |
| 3   | 5121.400        | 55.90            | 2.50        | 74.0           | 18.10       | Peak     | 158.00         | 150         | Horizontal | Pass    |
| 3** | 5121.400        | 46.34            | 2.50        | 54.0           | 7.66        | AV       | 158.00         | 150         | Horizontal | Pass    |

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



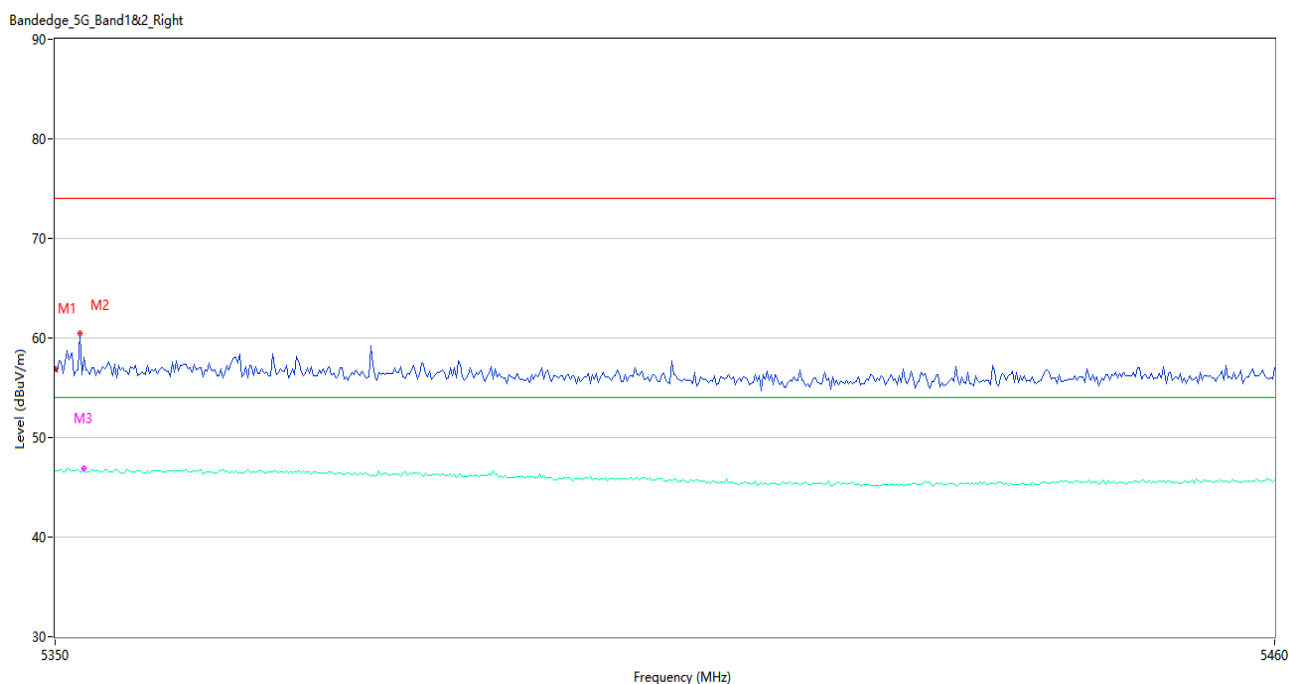
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 58.10            | 2.52        | 74.0           | 15.90       | Peak     | 155.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 46.70            | 2.52        | 54.0           | 7.30        | AV       | 155.00         | 200         | Horizontal | Pass    |
| 2   | 5350.733        | 61.23            | 2.53        | 74.0           | 12.77       | Peak     | 150.00         | 300         | Horizontal | Pass    |
| 2** | 5350.733        | 46.96            | 2.53        | 54.0           | 7.04        | AV       | 150.00         | 300         | Horizontal | Pass    |
| 3   | 5367.783        | 56.49            | 2.55        | 74.0           | 17.51       | Peak     | 102.00         | 150         | Horizontal | Pass    |
| 3** | 5367.783        | 47.00            | 2.55        | 54.0           | 7.00        | AV       | 102.00         | 150         | Horizontal | Pass    |

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



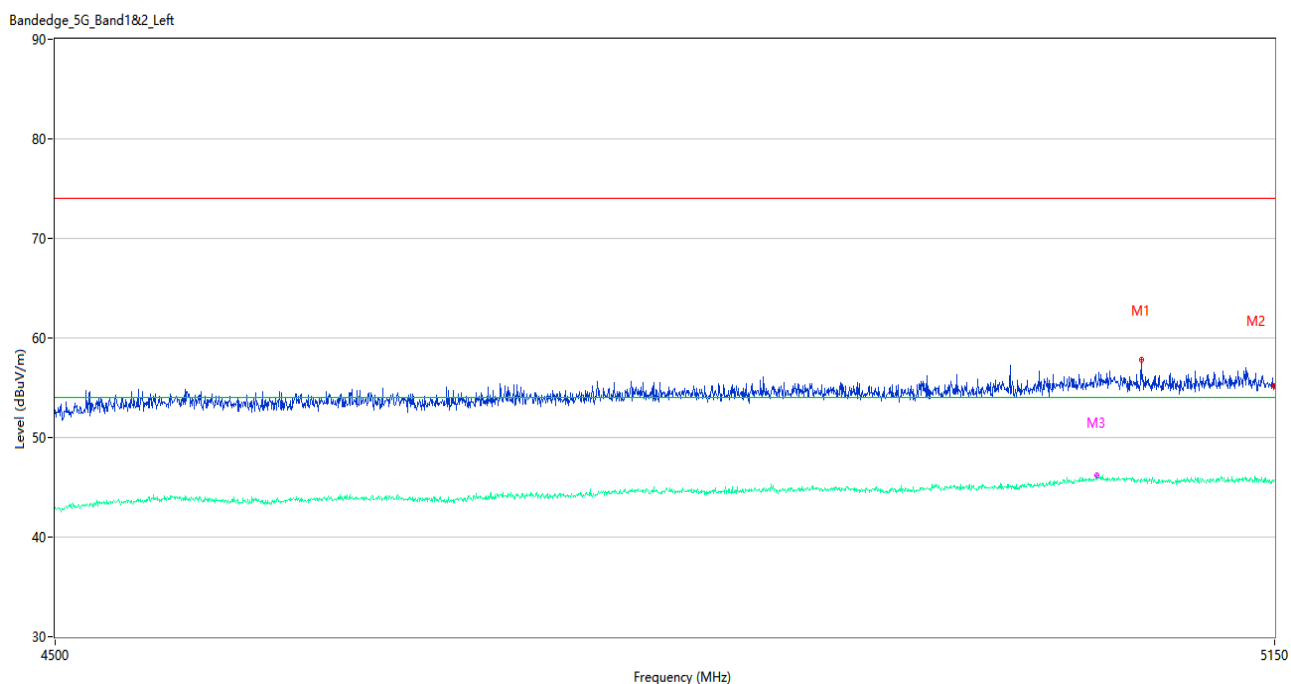
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5051.850        | 58.02            | 2.80        | 74.0           | 15.98       | Peak     | 87.00          | 100         | Horizontal | Pass    |
| 1** | 5051.850        | 45.97            | 2.80        | 54.0           | 8.03        | AV       | 87.00          | 100         | Horizontal | Pass    |
| 2   | 5150.000        | 54.99            | 2.46        | 74.0           | 19.01       | Peak     | 344.00         | 200         | Horizontal | Pass    |
| 2** | 5150.000        | 45.62            | 2.46        | 54.0           | 8.38        | AV       | 344.00         | 200         | Horizontal | Pass    |
| 3   | 5149.025        | 55.60            | 2.49        | 74.0           | 18.40       | Peak     | 202.00         | 150         | Horizontal | Pass    |
| 3** | 5149.025        | 46.37            | 2.49        | 54.0           | 7.63        | AV       | 202.00         | 150         | 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        | 56.88            | 2.52        | 74.0           | 17.12       | Peak     | 153.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 46.66            | 2.52        | 54.0           | 7.34        | AV       | 153.00         | 200         | Horizontal | Pass    |
| 2   | 5352.200        | 60.48            | 2.52        | 74.0           | 13.52       | Peak     | 155.00         | 300         | Horizontal | Pass    |
| 2** | 5352.200        | 46.58            | 2.52        | 54.0           | 7.42        | AV       | 155.00         | 300         | Horizontal | Pass    |
| 3   | 5352.567        | 58.01            | 2.52        | 74.0           | 15.99       | Peak     | 122.00         | 150         | Horizontal | Pass    |
| 3** | 5352.567        | 46.92            | 2.52        | 54.0           | 7.08        | AV       | 122.00         | 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   | 5074.600        | 57.79            | 2.47        | 74.0           | 16.21       | Peak     | 183.00         | 400         | Horizontal | Pass    |
| 1** | 5074.600        | 45.80            | 2.47        | 54.0           | 8.20        | AV       | 183.00         | 400         | Horizontal | Pass    |
| 2   | 5150.000        | 55.19            | 2.46        | 74.0           | 18.81       | Peak     | 156.00         | 400         | Horizontal | Pass    |
| 2** | 5150.000        | 45.76            | 2.46        | 54.0           | 8.24        | AV       | 156.00         | 400         | Horizontal | Pass    |
| 3   | 5049.575        | 55.26            | 2.79        | 74.0           | 18.74       | Peak     | 160.00         | 150         | Horizontal | Pass    |
| 3** | 5049.575        | 46.18            | 2.79        | 54.0           | 7.82        | AV       | 160.00         | 150         | Horizontal | Pass    |

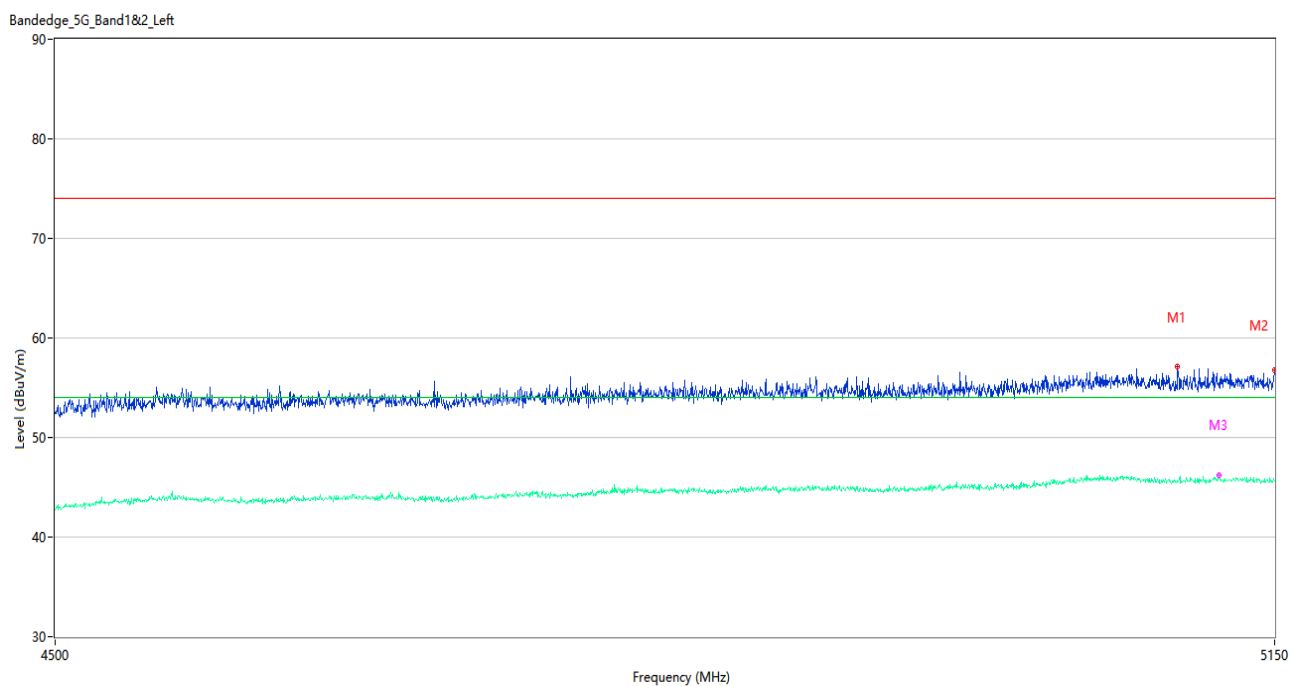
## U-NII-2A 11n40 High Channel



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 58.12            | 2.52        | 74.0           | 15.88       | Peak     | 96.00          | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 46.41            | 2.52        | 54.0           | 7.59        | AV       | 96.00          | 100         | Horizontal | Pass    |
| 2   | 5350.733        | 61.39            | 2.53        | 74.0           | 12.61       | Peak     | 106.00         | 200         | Horizontal | Pass    |
| 2** | 5350.733        | 46.26            | 2.53        | 54.0           | 7.74        | AV       | 106.00         | 200         | Horizontal | Pass    |
| 3   | 5350.550        | 58.21            | 2.52        | 74.0           | 15.79       | Peak     | 183.00         | 150         | Horizontal | Pass    |
| 3** | 5350.550        | 46.61            | 2.52        | 54.0           | 7.39        | AV       | 183.00         | 150         | Horizontal | Pass    |

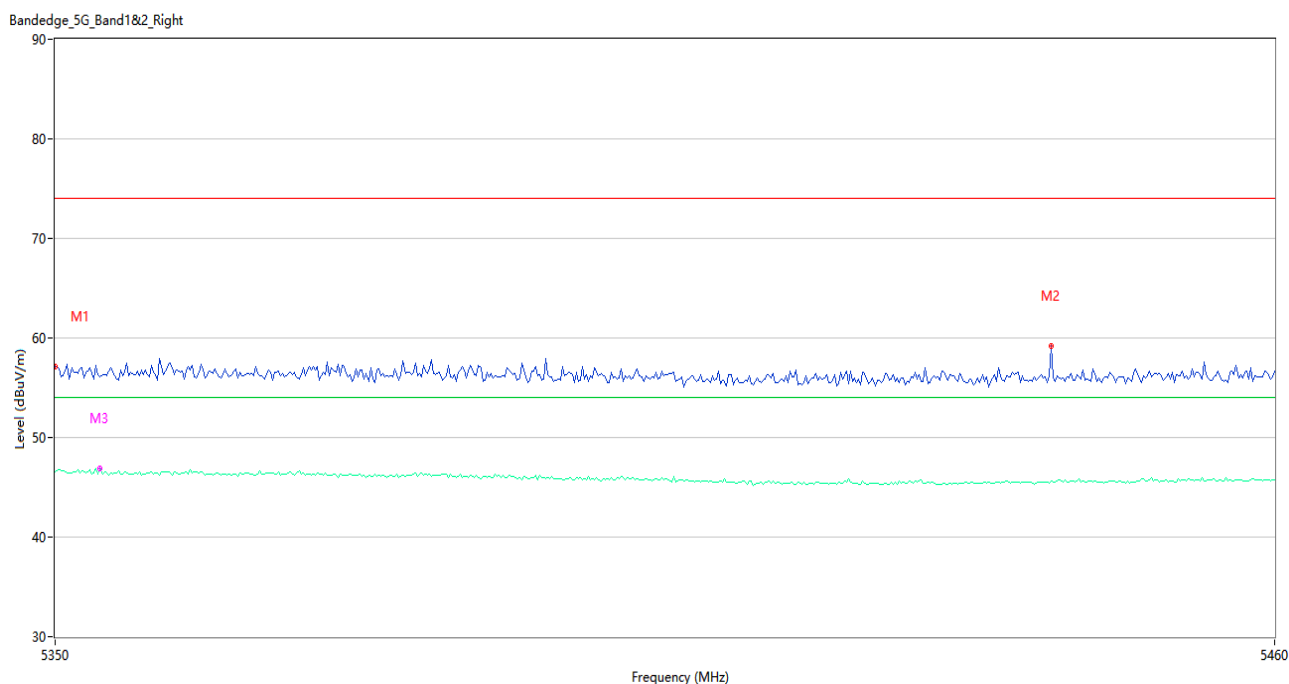


## U-NII-2A 11ac20 Low Channel



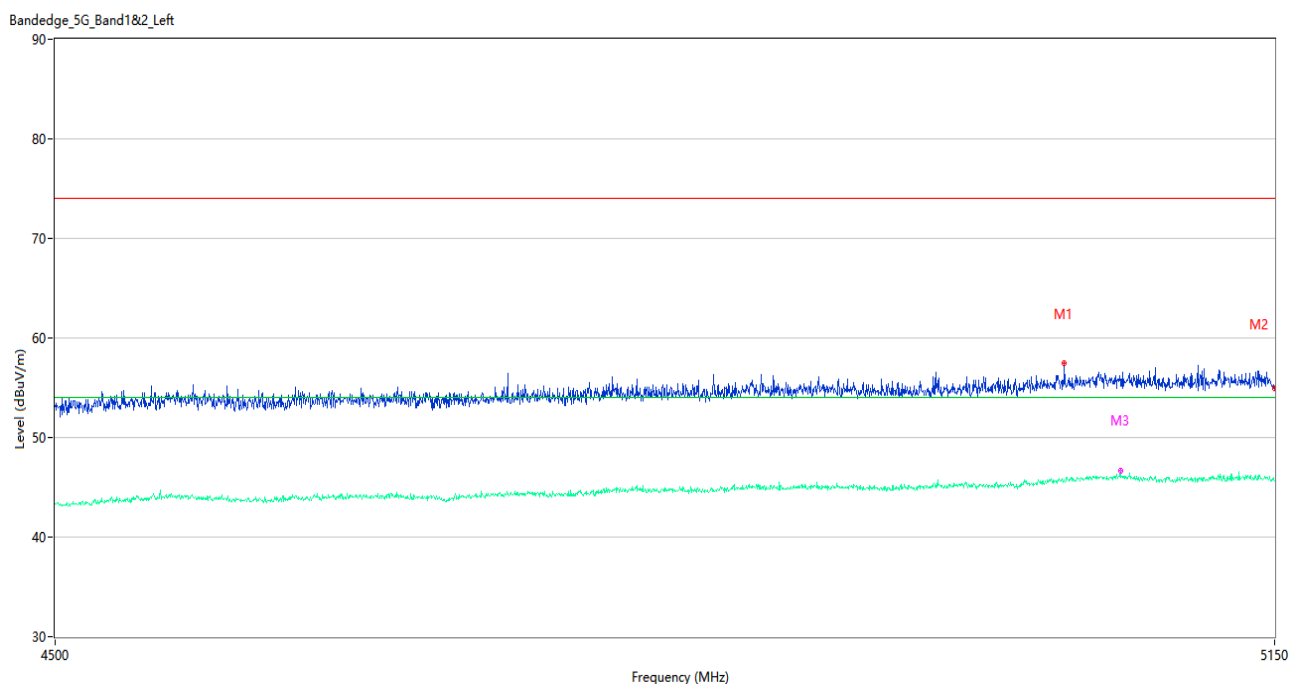
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5095.075        | 57.09            | 2.62        | 74.0           | 16.91       | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 1** | 5095.075        | 45.51            | 2.62        | 54.0           | 8.49        | AV       | 0.00           | 400         | Horizontal | Pass    |
| 2   | 5150.000        | 56.79            | 2.46        | 74.0           | 17.21       | Peak     | 163.00         | 100         | Horizontal | Pass    |
| 2** | 5150.000        | 45.69            | 2.46        | 54.0           | 8.31        | AV       | 163.00         | 100         | Horizontal | Pass    |
| 3   | 5118.475        | 55.22            | 2.58        | 74.0           | 18.78       | Peak     | 109.00         | 150         | Horizontal | Pass    |
| 3** | 5118.475        | 46.26            | 2.58        | 54.0           | 7.74        | AV       | 109.00         | 150         | Horizontal | Pass    |

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



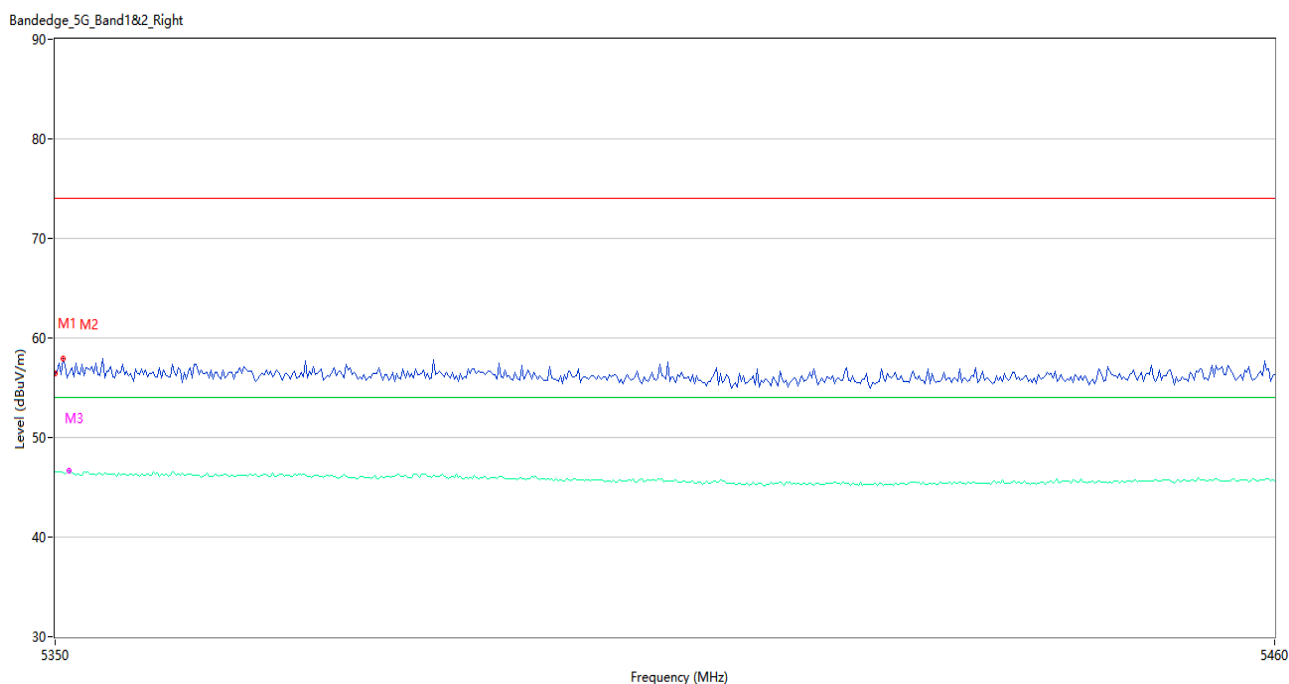
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 57.11            | 2.52        | 74.0           | 16.89       | Peak     | 158.00         | 400         | Horizontal | Pass    |
| 1** | 5350.000        | 46.51            | 2.52        | 54.0           | 7.49        | AV       | 158.00         | 400         | Horizontal | Pass    |
| 2   | 5439.650        | 59.22            | 2.41        | 74.0           | 14.78       | Peak     | 115.00         | 100         | Horizontal | Pass    |
| 2** | 5439.650        | 45.61            | 2.41        | 54.0           | 8.39        | AV       | 115.00         | 100         | Horizontal | Pass    |
| 3   | 5354.033        | 56.05            | 2.50        | 74.0           | 17.95       | Peak     | 145.00         | 150         | Horizontal | Pass    |
| 3** | 5354.033        | 46.95            | 2.50        | 54.0           | 7.05        | AV       | 145.00         | 150         | Horizontal | Pass    |

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



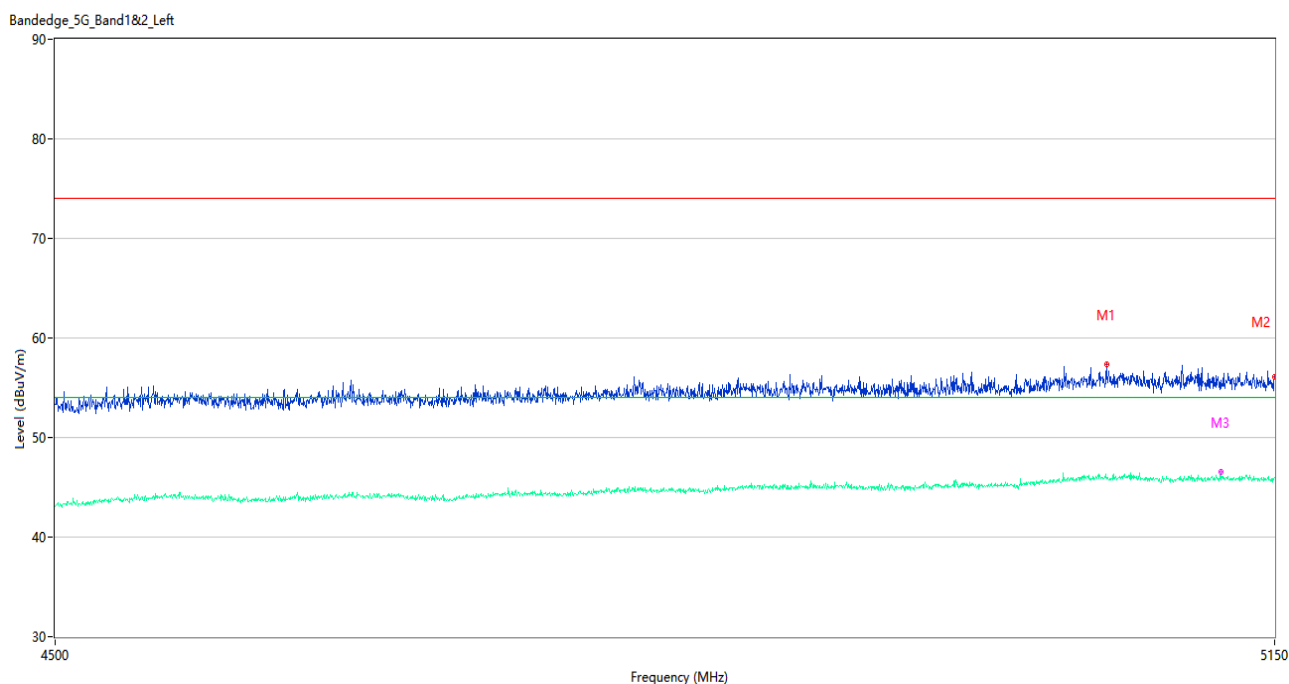
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5031.700        | 57.41            | 2.69        | 74.0           | 16.59       | Peak     | 218.00         | 300         | Horizontal | Pass    |
| 1** | 5031.700        | 45.67            | 2.69        | 54.0           | 8.33        | AV       | 218.00         | 300         | Horizontal | Pass    |
| 2   | 5150.000        | 54.90            | 2.46        | 74.0           | 19.10       | Peak     | 262.00         | 300         | Horizontal | Pass    |
| 2** | 5150.000        | 45.68            | 2.46        | 54.0           | 8.32        | AV       | 262.00         | 300         | Horizontal | Pass    |
| 3   | 5062.900        | 55.87            | 2.65        | 74.0           | 18.13       | Peak     | 208.00         | 150         | Horizontal | Pass    |
| 3** | 5062.900        | 46.68            | 2.65        | 54.0           | 7.32        | AV       | 208.00         | 150         | Horizontal | Pass    |

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



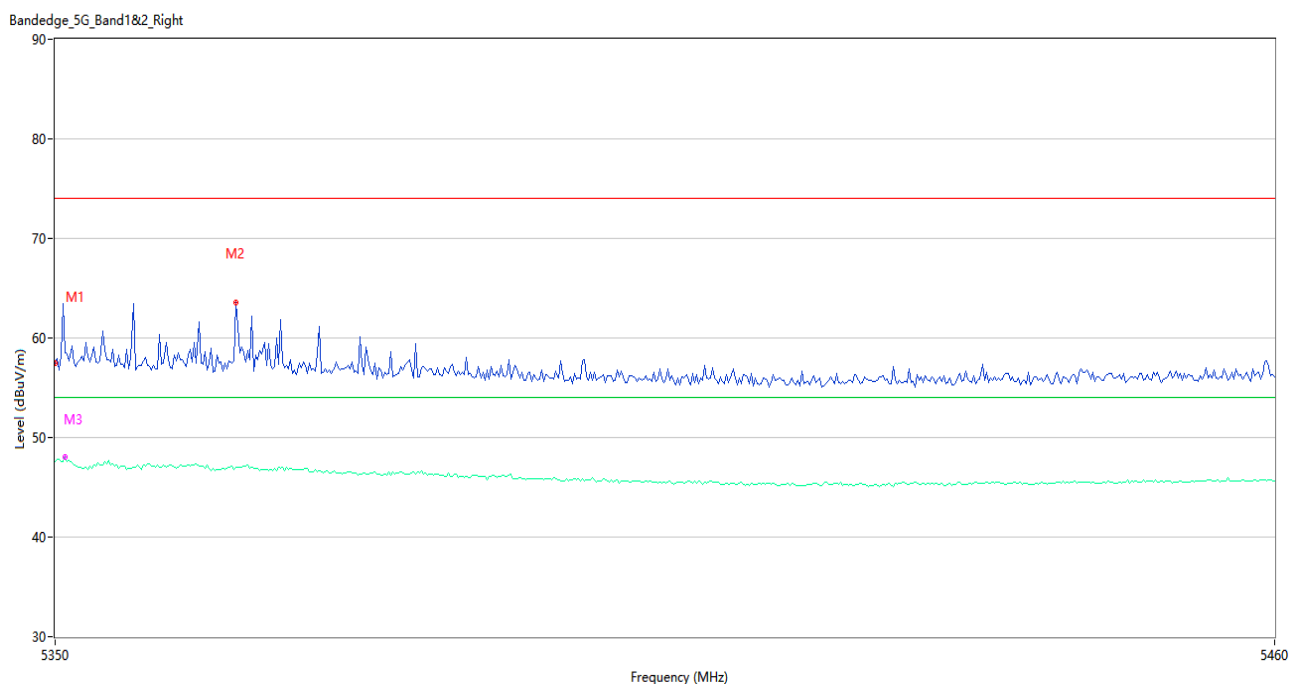
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 56.40            | 2.52        | 74.0           | 17.60       | Peak     | 161.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 46.50            | 2.52        | 54.0           | 7.50        | AV       | 161.00         | 200         | Horizontal | Pass    |
| 2   | 5350.733        | 57.93            | 2.53        | 74.0           | 16.07       | Peak     | 130.00         | 400         | Horizontal | Pass    |
| 2** | 5350.733        | 46.46            | 2.53        | 54.0           | 7.54        | AV       | 130.00         | 400         | Horizontal | Pass    |
| 3   | 5351.283        | 56.39            | 2.52        | 74.0           | 17.61       | Peak     | 130.00         | 150         | Horizontal | Pass    |
| 3** | 5351.283        | 46.70            | 2.52        | 54.0           | 7.30        | AV       | 130.00         | 150         | Horizontal | Pass    |

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5055.100        | 57.35            | 2.68        | 74.0           | 16.65       | Peak     | 34.00          | 200         | Horizontal | Pass    |
| 1** | 5055.100        | 46.00            | 2.68        | 54.0           | 8.00        | AV       | 34.00          | 200         | Horizontal | Pass    |
| 2   | 5150.000        | 56.10            | 2.46        | 74.0           | 17.90       | Peak     | 178.00         | 400         | Horizontal | Pass    |
| 2** | 5150.000        | 45.98            | 2.46        | 54.0           | 8.02        | AV       | 178.00         | 400         | Horizontal | Pass    |
| 3   | 5119.450        | 54.98            | 2.58        | 74.0           | 19.02       | Peak     | 301.00         | 150         | Horizontal | Pass    |
| 3** | 5119.450        | 46.54            | 2.58        | 54.0           | 7.46        | AV       | 301.00         | 150         | Horizontal | Pass    |

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



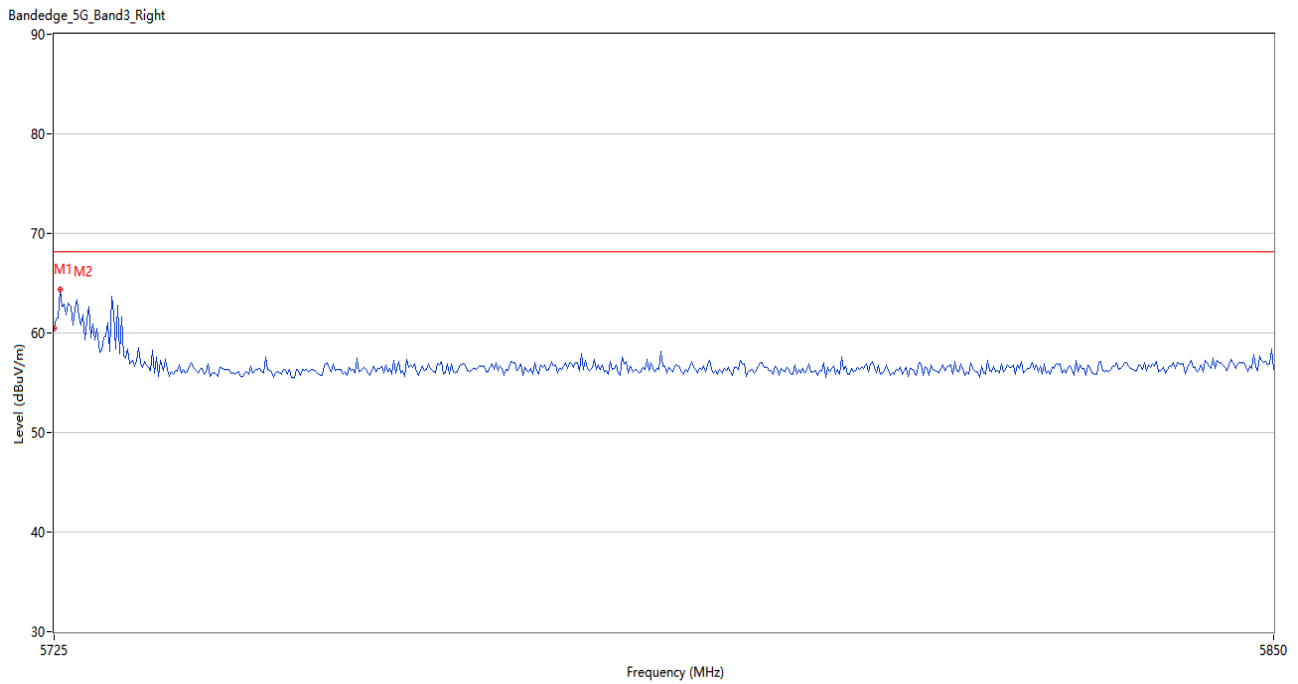
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 57.49            | 2.52        | 74.0           | 16.51       | Peak     | 143.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 47.63            | 2.52        | 54.0           | 6.37        | AV       | 143.00         | 200         | Horizontal | Pass    |
| 2   | 5366.133        | 63.55            | 2.47        | 74.0           | 10.45       | Peak     | 158.00         | 200         | Horizontal | Pass    |
| 2** | 5366.133        | 47.06            | 2.47        | 54.0           | 6.94        | AV       | 158.00         | 200         | Horizontal | Pass    |
| 3   | 5350.917        | 58.54            | 2.53        | 74.0           | 15.46       | Peak     | 173.00         | 150         | Horizontal | Pass    |
| 3** | 5350.917        | 48.05            | 2.53        | 54.0           | 5.95        | AV       | 173.00         | 150         | Horizontal | Pass    |

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



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5459.600        | 59.59            | 2.68        | 74.0           | 14.41       | Peak     | 134.00         | 150         | Horizontal | Pass    |
| 1** | 5459.600        | 48.04            | 2.68        | 54.0           | 5.96        | AV       | 134.00         | 150         | Horizontal | Pass    |
| 2   | 5460.000        | 58.19            | 2.67        | 74.0           | 15.81       | Peak     | 140.00         | 200         | Horizontal | Pass    |
| 2** | 5460.000        | 48.33            | 2.67        | 54.0           | 5.67        | AV       | 140.00         | 200         | Horizontal | Pass    |
| 3   | 5468.000        | 65.11            | 2.78        | 68.2           | 3.09        | Peak     | 124.00         | 150         | Horizontal | Pass    |
| 3** | 5468.000        | 49.36            | 2.78        | --             | --          | AV       | 124.00         | 150         | Horizontal | N/A     |
| 4   | 5470.000        | 64.14            | 2.87        | 68.2           | 4.06        | Peak     | 148.00         | 300         | Horizontal | Pass    |
| 4** | 5470.000        | 49.99            | 2.87        | --             | --          | AV       | 148.00         | 300         | Horizontal | N/A     |

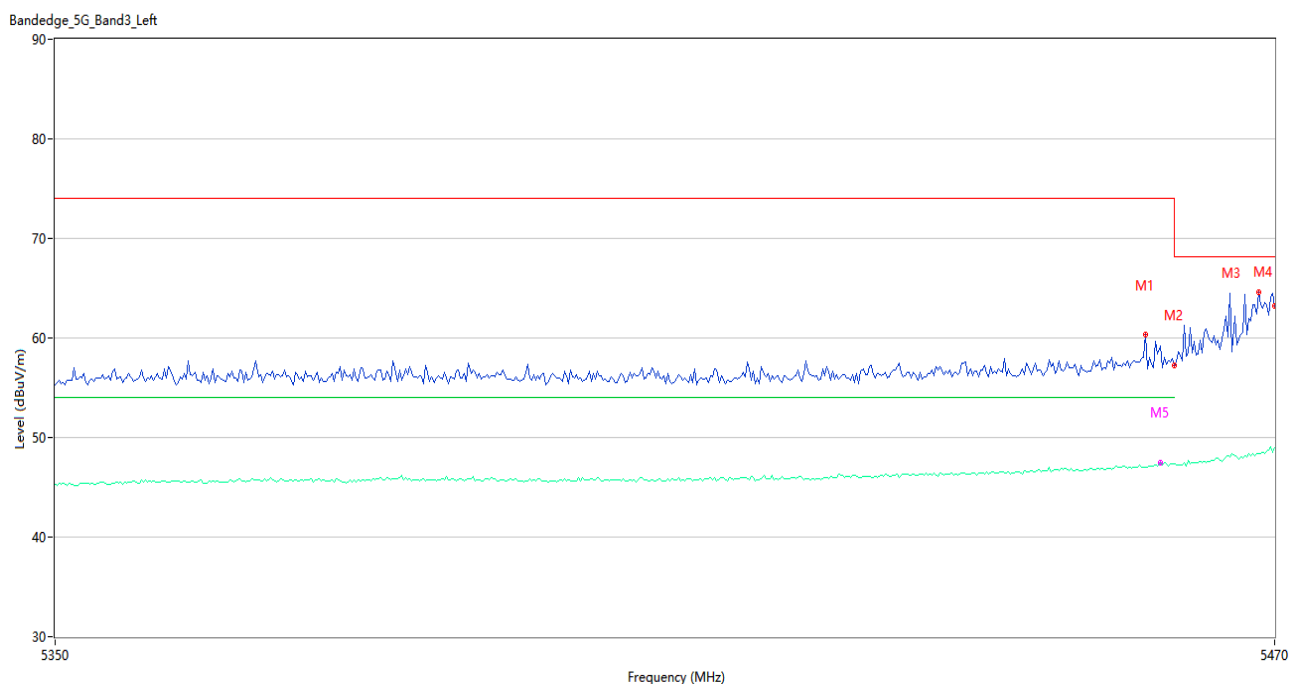
## U-NII-2C 11a High Channel



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 60.45            | 1.87        | 68.2           | 7.75        | Peak     | 151.00         | 200         | Horizontal | Pass    |
| 2   | 5725.625        | 64.32            | 1.91        | 68.2           | 3.88        | Peak     | 141.00         | 300         | Horizontal | Pass    |

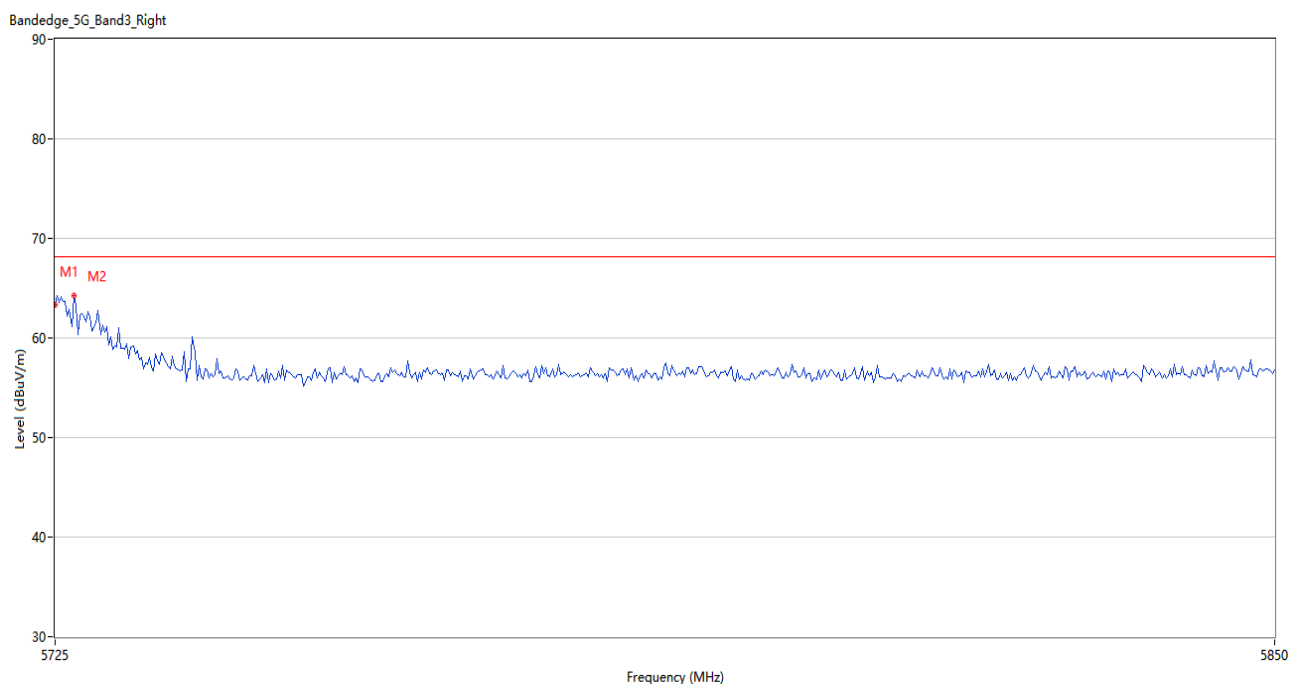


## U-NII-2C 11n20 Low Channel



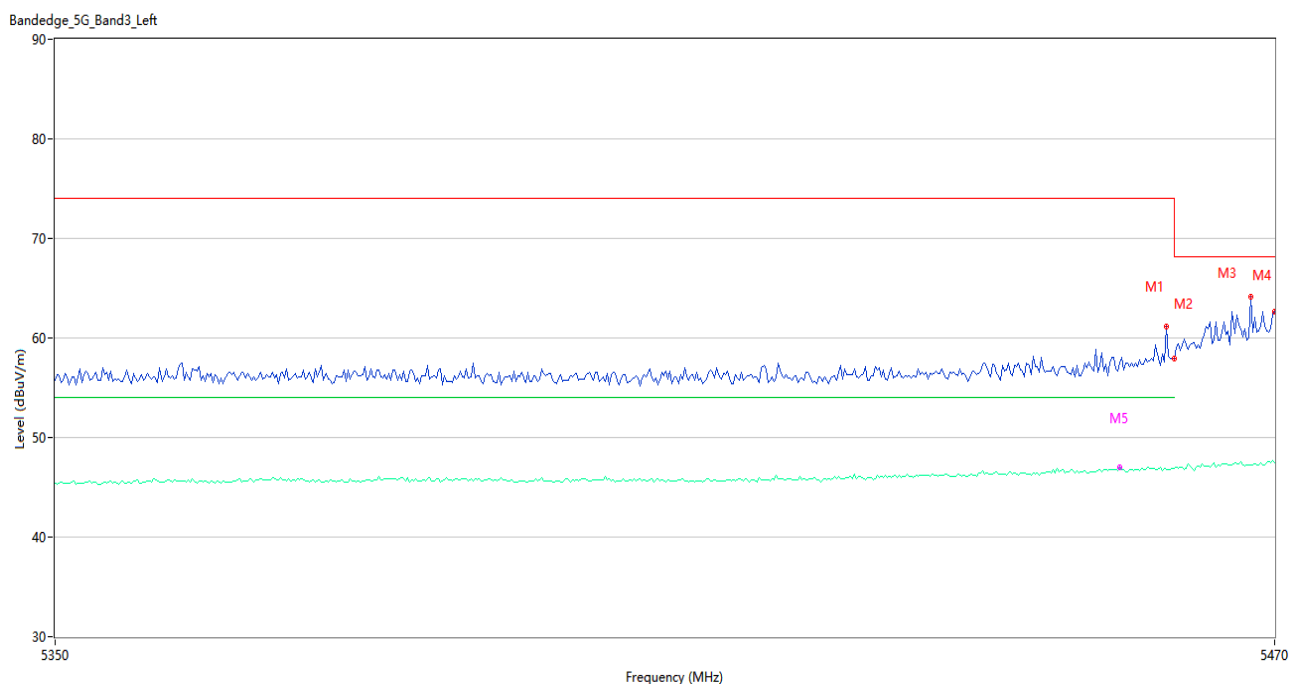
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5457.200        | 60.32            | 2.60        | 74.0           | 13.68       | Peak     | 122.00         | 400         | Horizontal | Pass    |
| 1** | 5457.200        | 46.97            | 2.60        | 54.0           | 7.03        | AV       | 122.00         | 400         | Horizontal | Pass    |
| 2   | 5460.000        | 57.28            | 2.67        | 74.0           | 16.72       | Peak     | 108.00         | 400         | Horizontal | Pass    |
| 2** | 5460.000        | 47.36            | 2.67        | 54.0           | 6.64        | AV       | 108.00         | 400         | Horizontal | Pass    |
| 3   | 5468.400        | 64.58            | 2.80        | 68.2           | 3.62        | Peak     | 160.00         | 300         | Horizontal | Pass    |
| 3** | 5468.400        | 48.43            | 2.80        | --             | --          | AV       | 160.00         | 300         | Horizontal | N/A     |
| 4   | 5470.000        | 63.23            | 2.87        | 68.2           | 4.97        | Peak     | 124.00         | 400         | Horizontal | Pass    |
| 4** | 5470.000        | 48.91            | 2.87        | --             | --          | AV       | 124.00         | 400         | Horizontal | N/A     |
| 5   | 5458.600        | 59.22            | 2.66        | 74.0           | 14.78       | Peak     | 124.00         | 150         | Horizontal | Pass    |
| 5** | 5458.600        | 47.45            | 2.66        | 54.0           | 6.55        | AV       | 124.00         | 150         | Horizontal | Pass    |

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



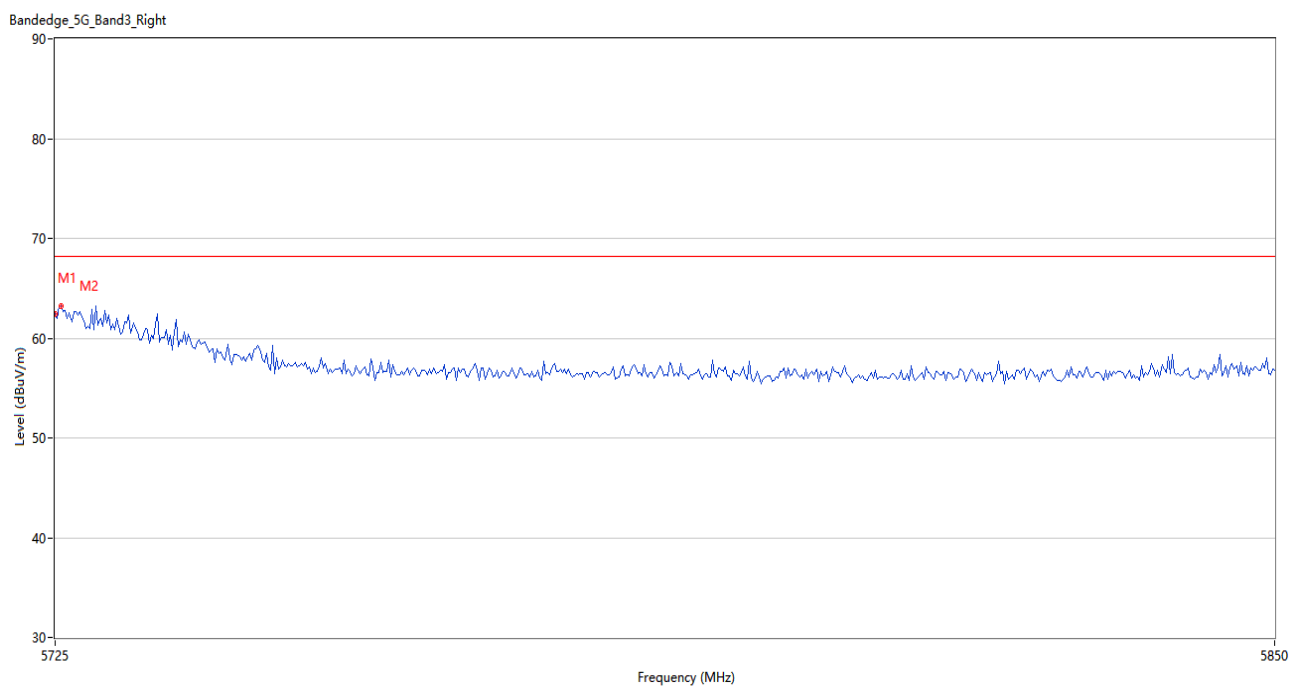
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 63.38            | 1.87        | 68.2           | 4.82        | Peak     | 133.00         | 400         | Horizontal | Pass    |
| 2   | 5726.875        | 64.29            | 1.98        | 68.2           | 3.91        | Peak     | 161.00         | 200         | Horizontal | Pass    |

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



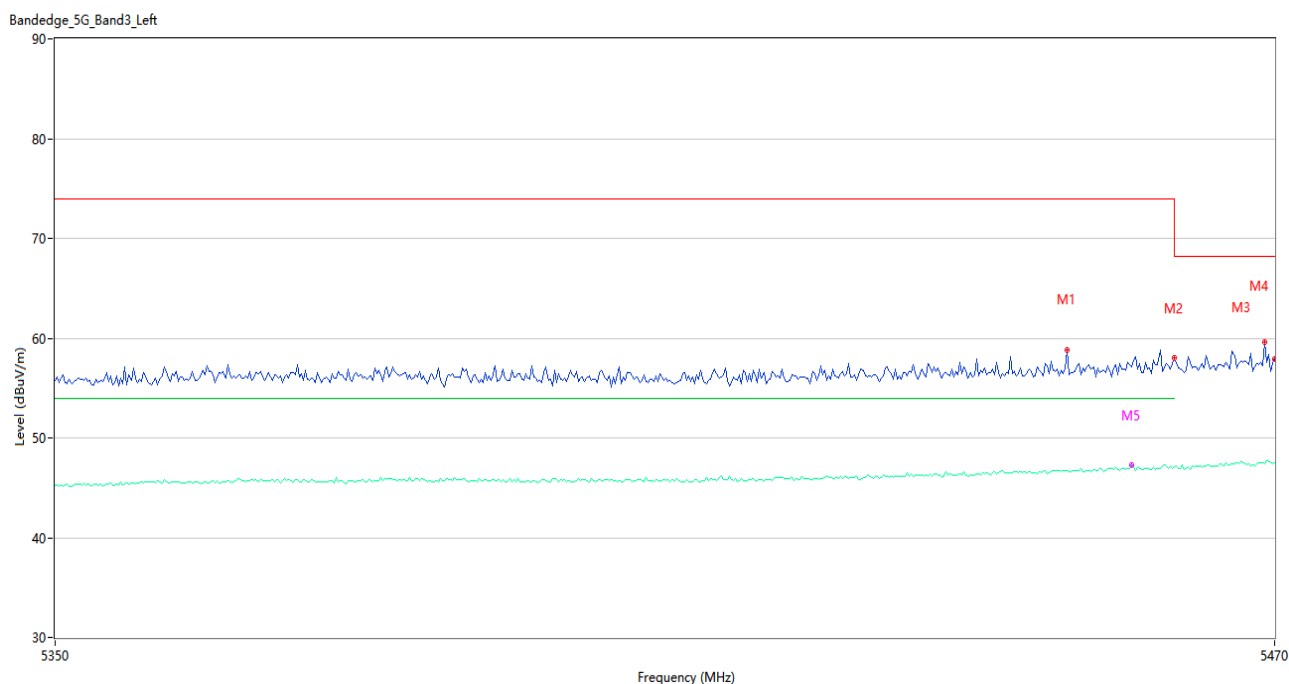
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5459.200        | 61.19            | 2.69        | 74.0           | 12.81       | Peak     | 173.00         | 200         | Horizontal | Pass    |
| 1** | 5459.200        | 46.76            | 2.69        | 54.0           | 7.24        | AV       | 173.00         | 200         | Horizontal | Pass    |
| 2   | 5460.000        | 57.92            | 2.67        | 74.0           | 16.08       | Peak     | 143.00         | 100         | Horizontal | Pass    |
| 2** | 5460.000        | 46.93            | 2.67        | 54.0           | 7.07        | AV       | 143.00         | 100         | Horizontal | Pass    |
| 3   | 5467.600        | 64.13            | 2.77        | 68.2           | 4.07        | Peak     | 111.00         | 200         | Horizontal | Pass    |
| 3** | 5467.600        | 47.24            | 2.77        | --             | --          | AV       | 111.00         | 200         | Horizontal | N/A     |
| 4   | 5470.000        | 62.63            | 2.87        | 68.2           | 5.57        | Peak     | 122.00         | 200         | Horizontal | Pass    |
| 4** | 5470.000        | 47.47            | 2.87        | --             | --          | AV       | 122.00         | 200         | Horizontal | N/A     |
| 5   | 5454.600        | 57.45            | 2.61        | 74.0           | 16.55       | Peak     | 124.00         | 150         | Horizontal | Pass    |
| 5** | 5454.600        | 46.96            | 2.61        | 54.0           | 7.04        | AV       | 124.00         | 150         | Horizontal | Pass    |

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



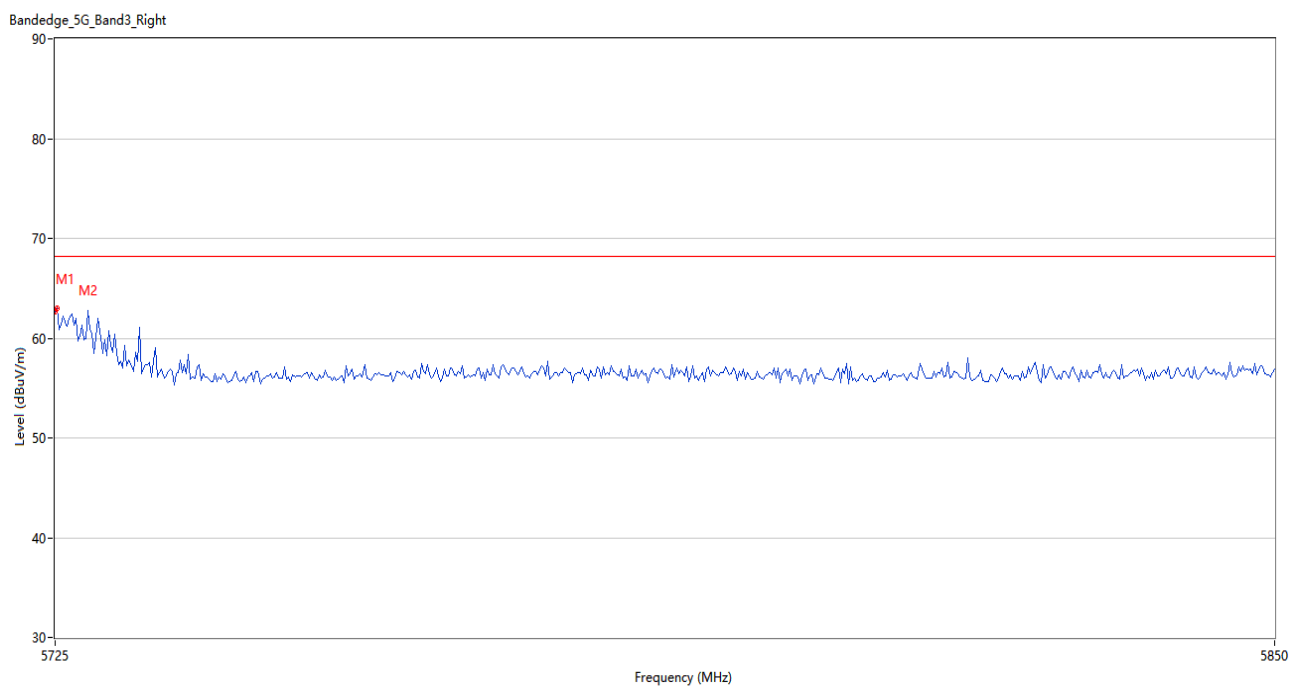
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 62.48            | 1.87        | 68.2           | 5.72        | Peak     | 155.00         | 100         | Horizontal | Pass    |
| 2   | 5725.625        | 63.27            | 1.91        | 68.2           | 4.93        | Peak     | 163.00         | 100         | Horizontal | Pass    |

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



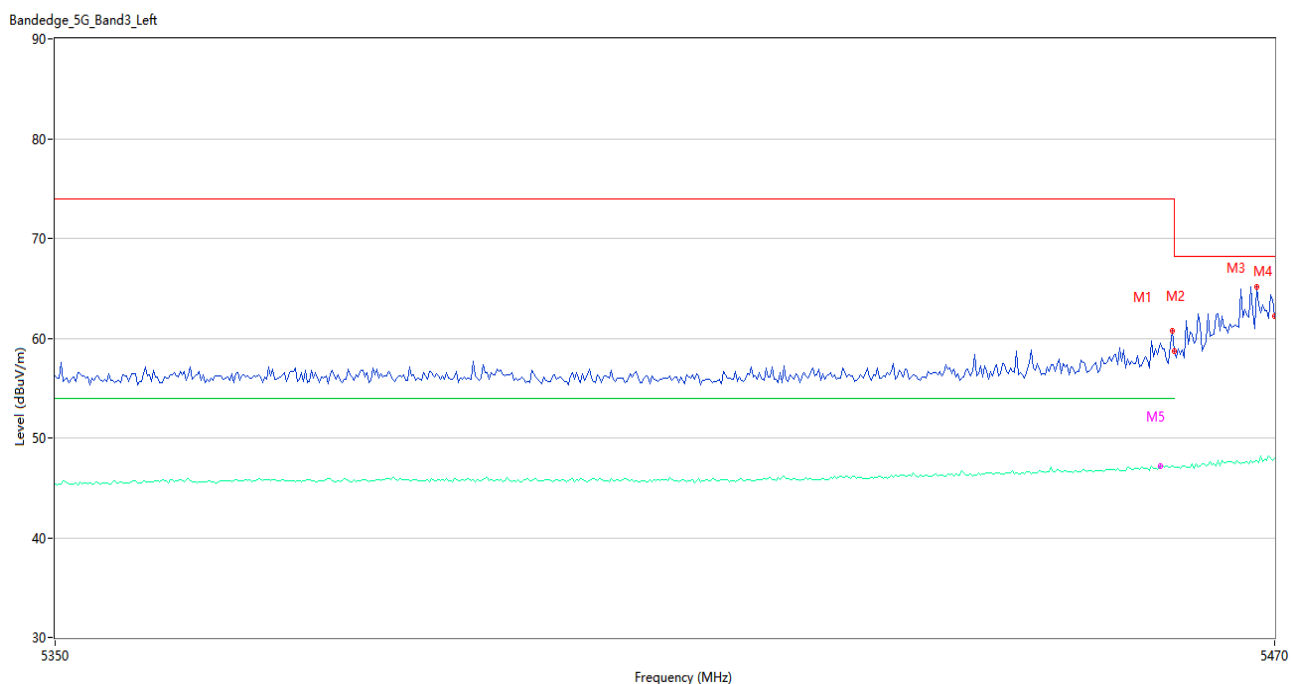
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5449.400        | 58.86            | 2.53        | 74.0           | 15.14       | Peak     | 145.00         | 400         | Horizontal | Pass    |
| 1** | 5449.400        | 46.73            | 2.53        | 54.0           | 7.27        | AV       | 145.00         | 400         | Horizontal | Pass    |
| 2   | 5460.000        | 58.04            | 2.67        | 74.0           | 15.96       | Peak     | 145.00         | 300         | Horizontal | Pass    |
| 2** | 5460.000        | 47.03            | 2.67        | 54.0           | 6.97        | AV       | 145.00         | 300         | Horizontal | Pass    |
| 3   | 5469.000        | 59.64            | 2.83        | 68.2           | 8.56        | Peak     | 147.00         | 100         | Horizontal | Pass    |
| 3** | 5469.000        | 47.44            | 2.83        | --             | --          | AV       | 147.00         | 100         | Horizontal | N/A     |
| 4   | 5470.000        | 57.86            | 2.87        | 68.2           | 10.34       | Peak     | 102.00         | 400         | Horizontal | Pass    |
| 4** | 5470.000        | 47.48            | 2.87        | --             | --          | AV       | 102.00         | 400         | Horizontal | N/A     |
| 5   | 5455.800        | 57.12            | 2.61        | 74.0           | 16.88       | Peak     | 142.00         | 150         | Horizontal | Pass    |
| 5** | 5455.800        | 47.34            | 2.61        | 54.0           | 6.66        | AV       | 142.00         | 150         | Horizontal | Pass    |

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



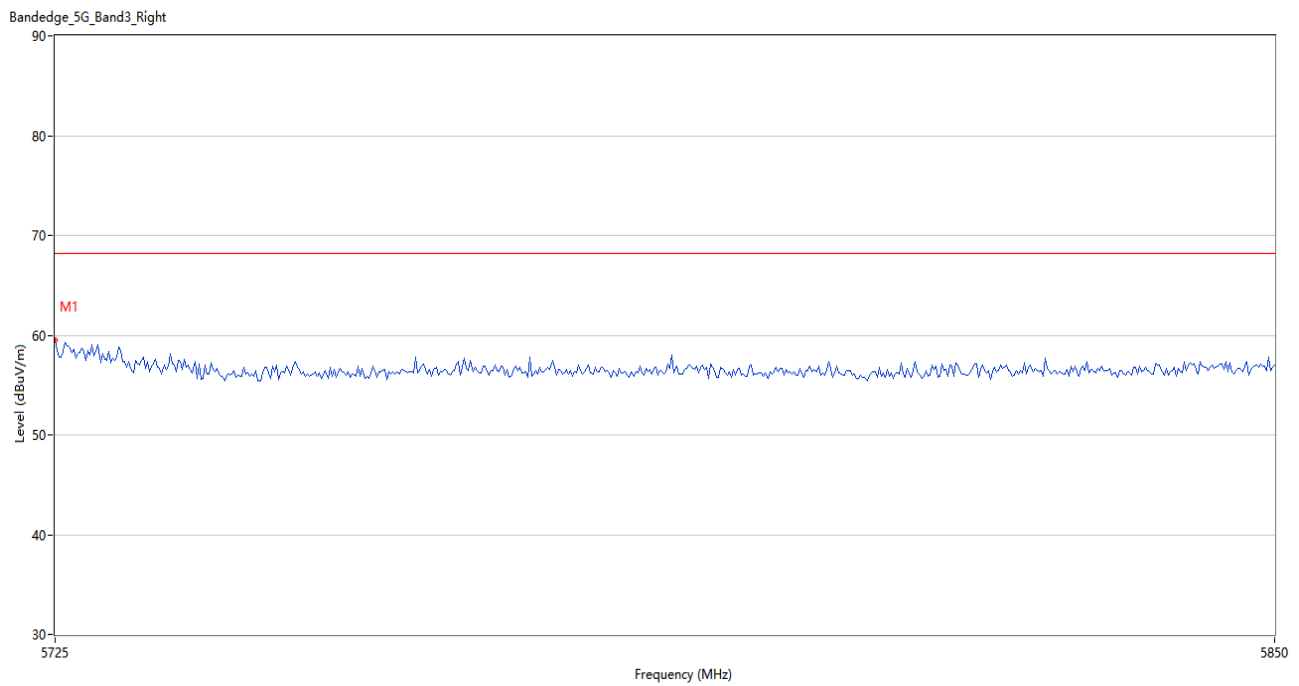
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 62.62            | 1.87        | 68.2           | 5.58        | Peak     | 136.00         | 300         | Horizontal | Pass    |
| 2   | 5725.209        | 63.03            | 1.89        | 68.2           | 5.17        | Peak     | 155.00         | 200         | 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   | 5459.800        | 60.68            | 2.67        | 74.0           | 13.32       | Peak     | 155.00         | 200         | Horizontal | Pass    |
| 1** | 5459.800        | 47.18            | 2.67        | 54.0           | 6.82        | AV       | 155.00         | 200         | Horizontal | Pass    |
| 2   | 5460.000        | 58.68            | 2.67        | 74.0           | 15.32       | Peak     | 122.00         | 400         | Horizontal | Pass    |
| 2** | 5460.000        | 47.10            | 2.67        | 54.0           | 6.90        | AV       | 122.00         | 400         | Horizontal | Pass    |
| 3   | 5468.200        | 65.19            | 2.79        | 68.2           | 3.01        | Peak     | 189.00         | 200         | Horizontal | Pass    |
| 3** | 5468.200        | 47.78            | 2.79        | --             | --          | AV       | 189.00         | 200         | Horizontal | N/A     |
| 4   | 5470.000        | 62.19            | 2.87        | 68.2           | 6.01        | Peak     | 117.00         | 400         | Horizontal | Pass    |
| 4** | 5470.000        | 47.98            | 2.87        | --             | --          | AV       | 117.00         | 400         | Horizontal | N/A     |
| 5   | 5458.600        | 59.51            | 2.66        | 74.0           | 14.49       | Peak     | 161.00         | 150         | Horizontal | Pass    |
| 5** | 5458.600        | 47.19            | 2.66        | 54.0           | 6.81        | AV       | 161.00         | 150         | Horizontal | Pass    |

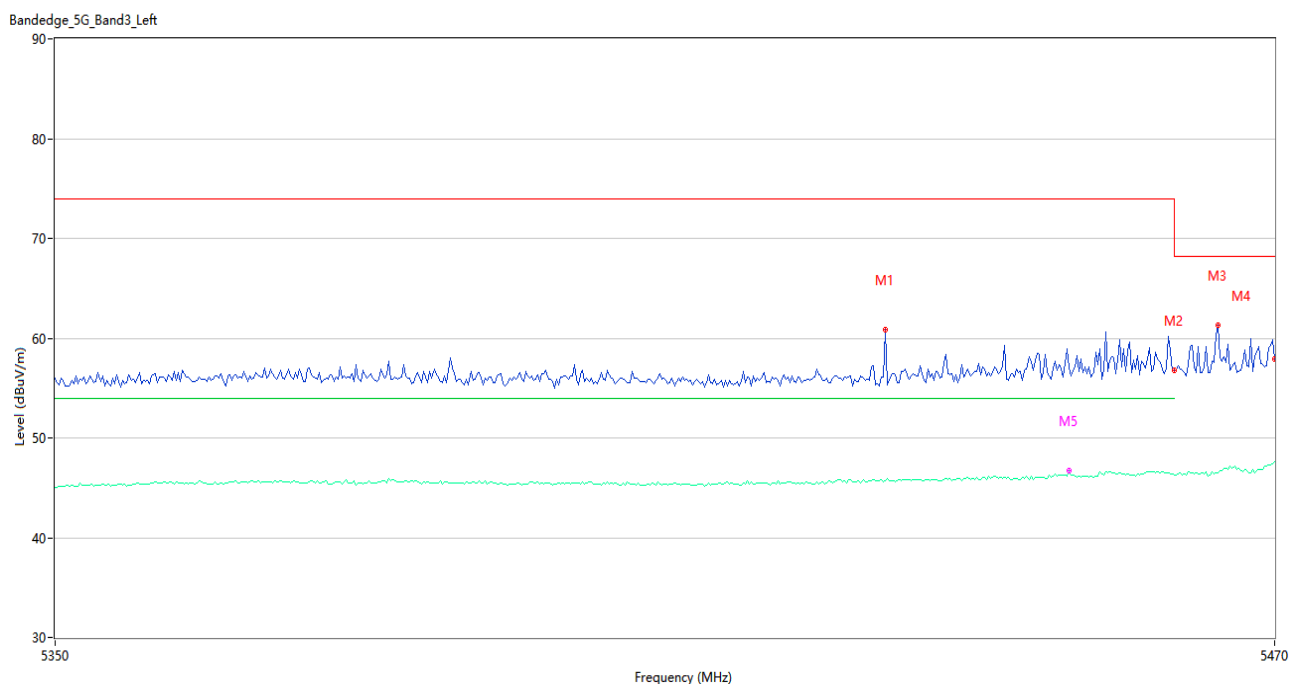
## U-NII-2C 11ac40 High Channel



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 59.46            | 1.87        | 68.2           | 8.74        | Peak     | 156.00         | 100         | Horizontal | Pass    |

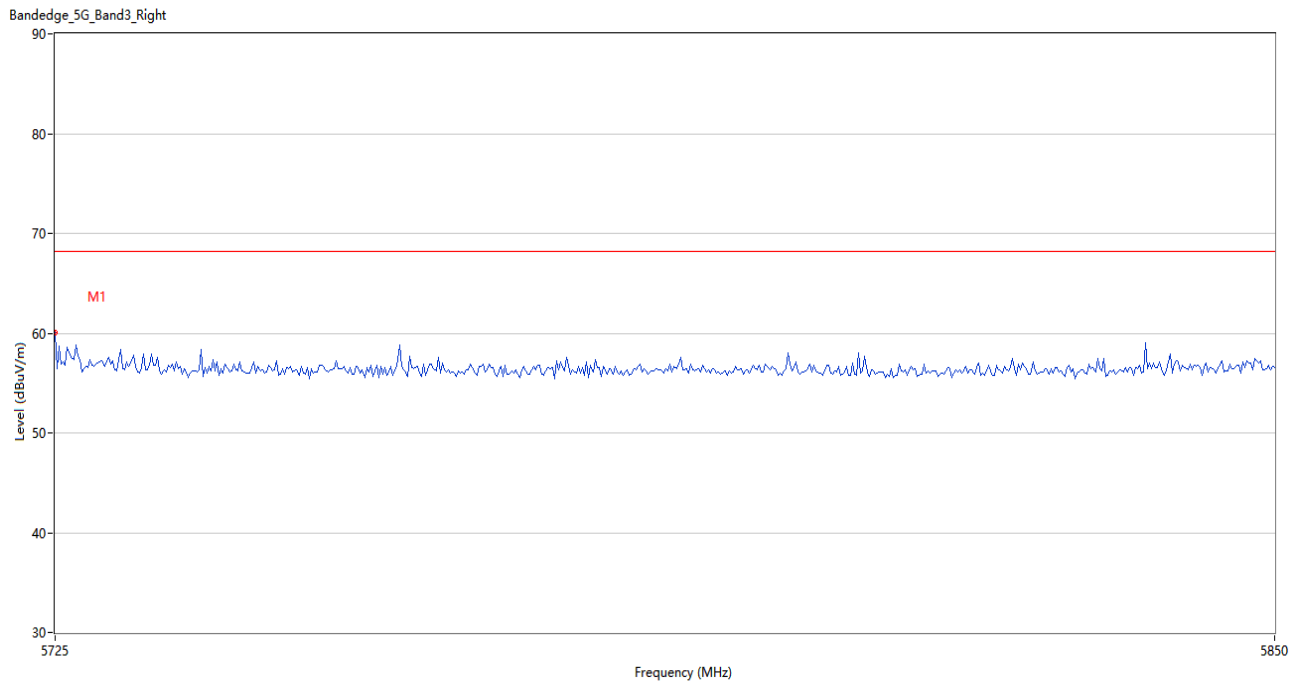


## U-NII-2C 11ac80 Low Channel



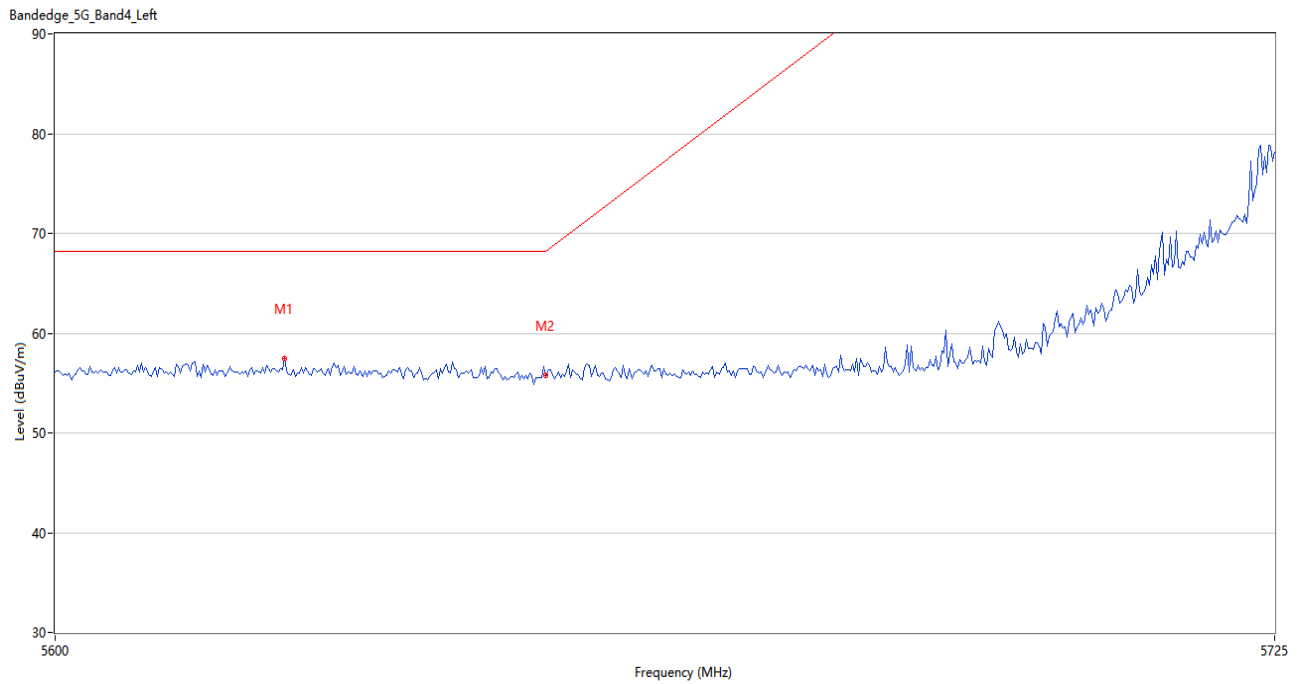
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5431.400        | 60.83            | 2.33        | 74.0           | 13.17       | Peak     | 147.00         | 300         | Horizontal | Pass    |
| 1** | 5431.400        | 45.76            | 2.33        | 54.0           | 8.24        | AV       | 147.00         | 300         | Horizontal | Pass    |
| 2   | 5460.000        | 56.80            | 2.67        | 74.0           | 17.20       | Peak     | 138.00         | 300         | Horizontal | Pass    |
| 2** | 5460.000        | 46.29            | 2.67        | 54.0           | 7.71        | AV       | 138.00         | 300         | Horizontal | Pass    |
| 3   | 5464.400        | 61.29            | 2.77        | 68.2           | 6.91        | Peak     | 158.00         | 300         | Horizontal | Pass    |
| 3** | 5464.400        | 46.45            | 2.77        | --             | --          | AV       | 158.00         | 300         | Horizontal | N/A     |
| 4   | 5470.000        | 57.92            | 2.87        | 68.2           | 10.28       | Peak     | 162.00         | 400         | Horizontal | Pass    |
| 4** | 5470.000        | 47.63            | 2.87        | --             | --          | AV       | 162.00         | 400         | Horizontal | N/A     |
| 5   | 5449.600        | 56.96            | 2.52        | 74.0           | 17.04       | Peak     | 162.00         | 150         | Horizontal | Pass    |
| 5** | 5449.600        | 46.68            | 2.52        | 54.0           | 7.32        | AV       | 162.00         | 150         | Horizontal | Pass    |

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



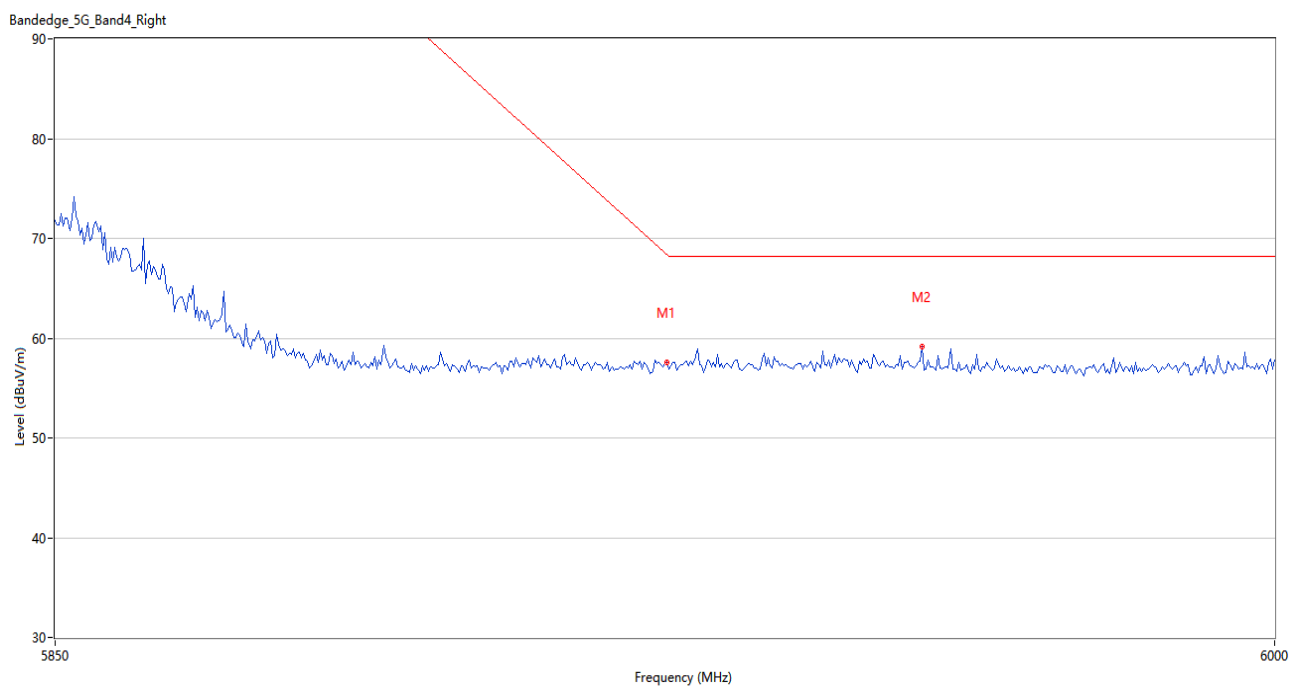
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 60.04            | 1.87        | 68.2           | 8.16        | Peak     | 164.00         | 100         | Horizontal | Pass    |

## U-NII-3 11a Low Channel



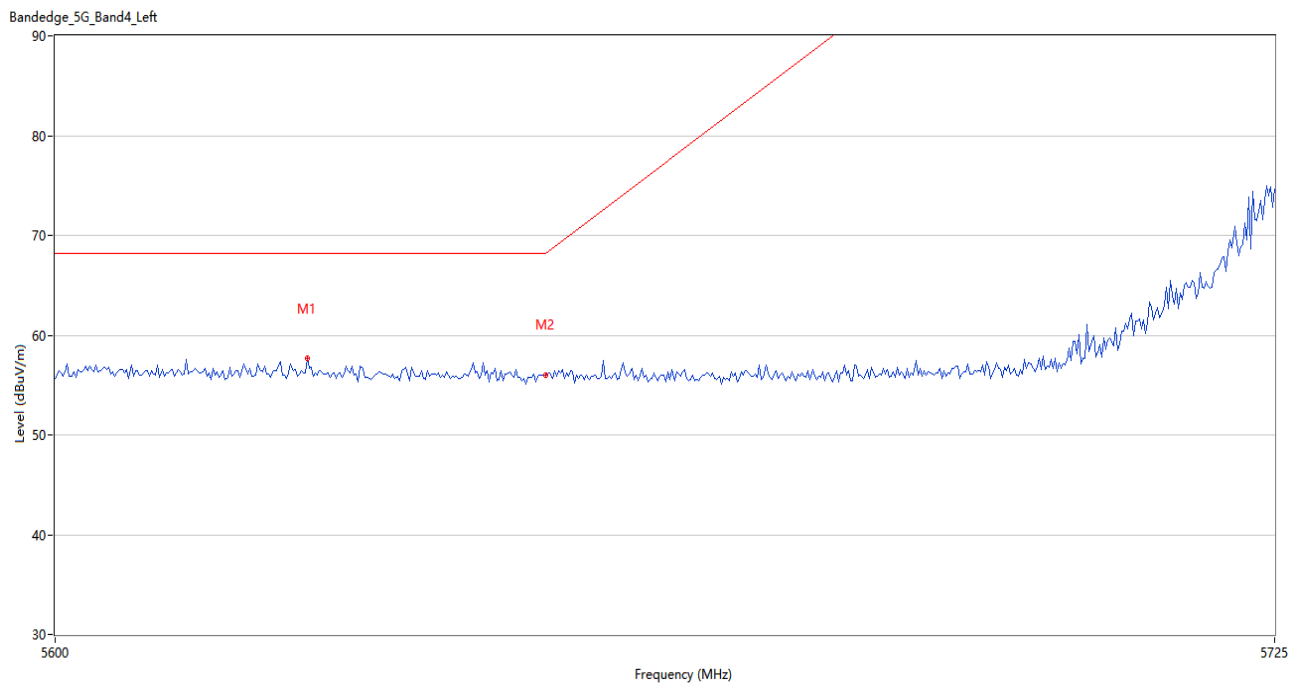
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 5623.333        | 57.45            | 2.53        | 68.2           | 10.75       | Peak     | 10.00          | 400         | Vertical | Pass    |
| 2   | 5650.000        | 55.74            | 2.28        | 68.2           | 12.46       | Peak     | 4.00           | 100         | Vertical | Pass    |

## U-NII-3 11a High Channel



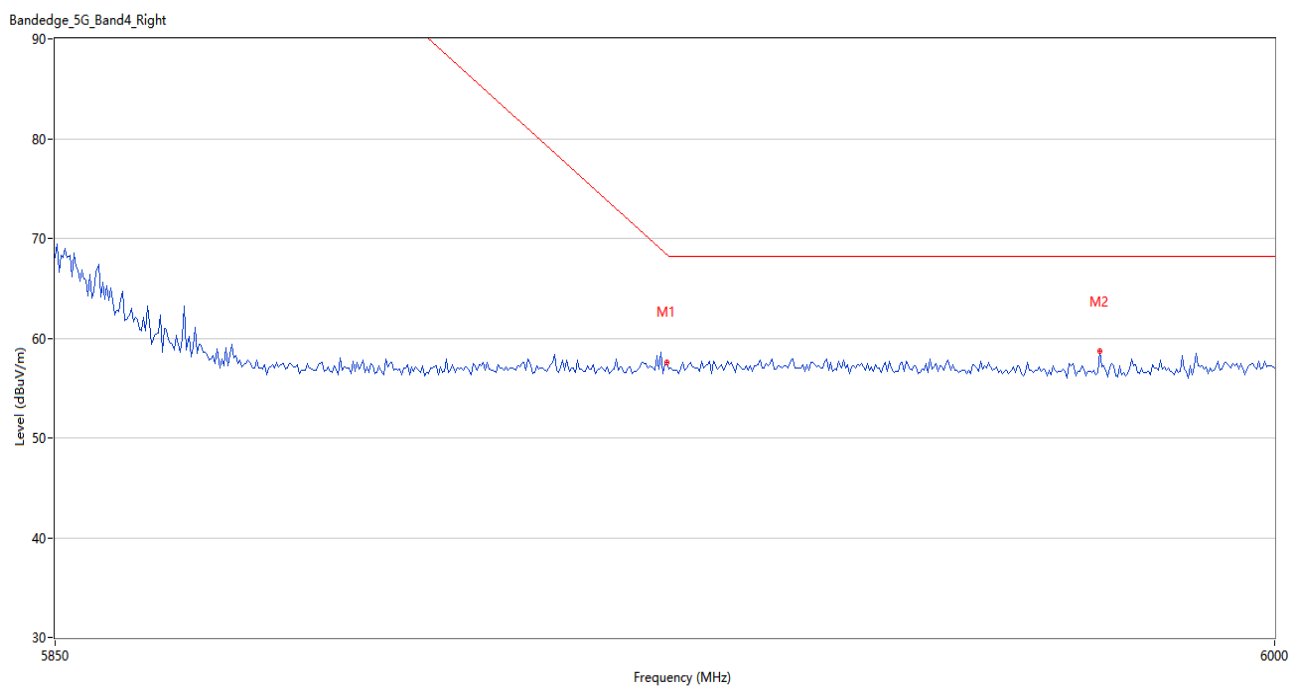
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 5924.750        | 57.56            | 3.75        | 68.4           | 10.84       | Peak     | 271.00         | 400         | Vertical | Pass    |
| 2   | 5956.250        | 59.12            | 3.71        | 68.2           | 9.08        | Peak     | 206.00         | 400         | Vertical | Pass    |

## U-NII-3 11n20 Low Channel



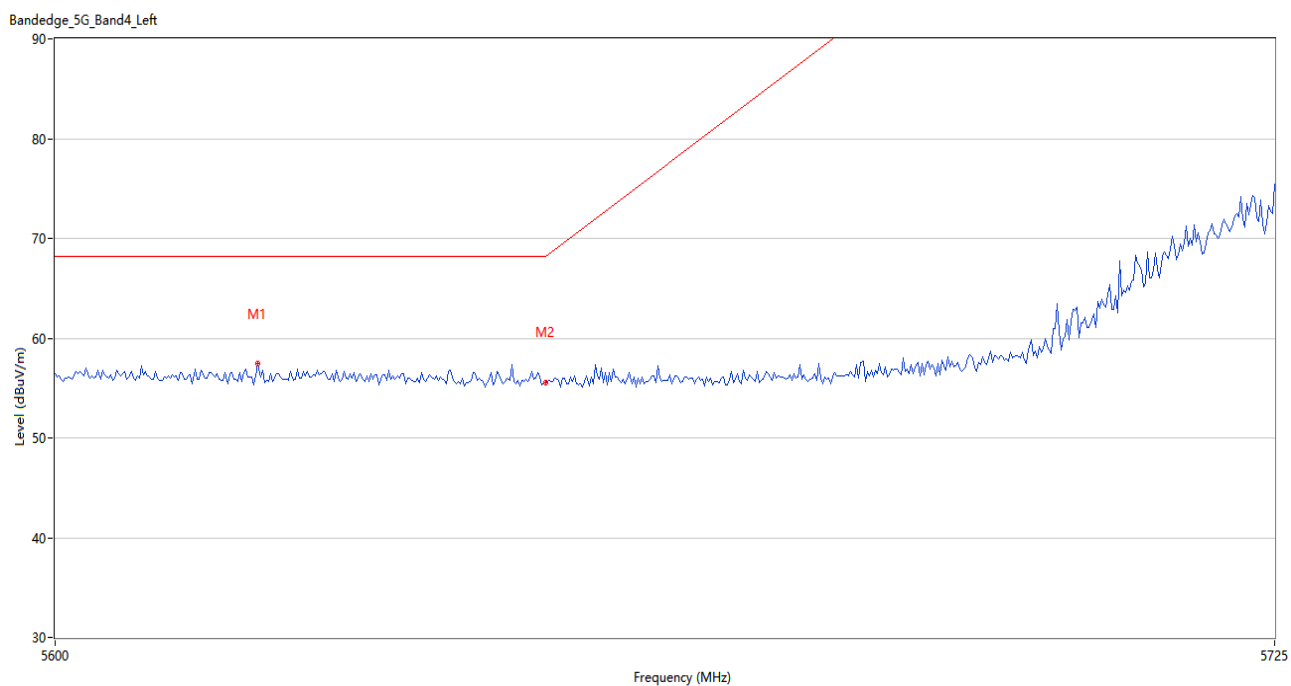
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 5625.625        | 57.65            | 2.56        | 68.2           | 10.55       | Peak     | 271.00         | 200         | Vertical | Pass    |
| 2   | 5650.000        | 56.04            | 2.28        | 68.2           | 12.16       | Peak     | 21.00          | 300         | Vertical | Pass    |

## U-NII-3 11n20 High Channel



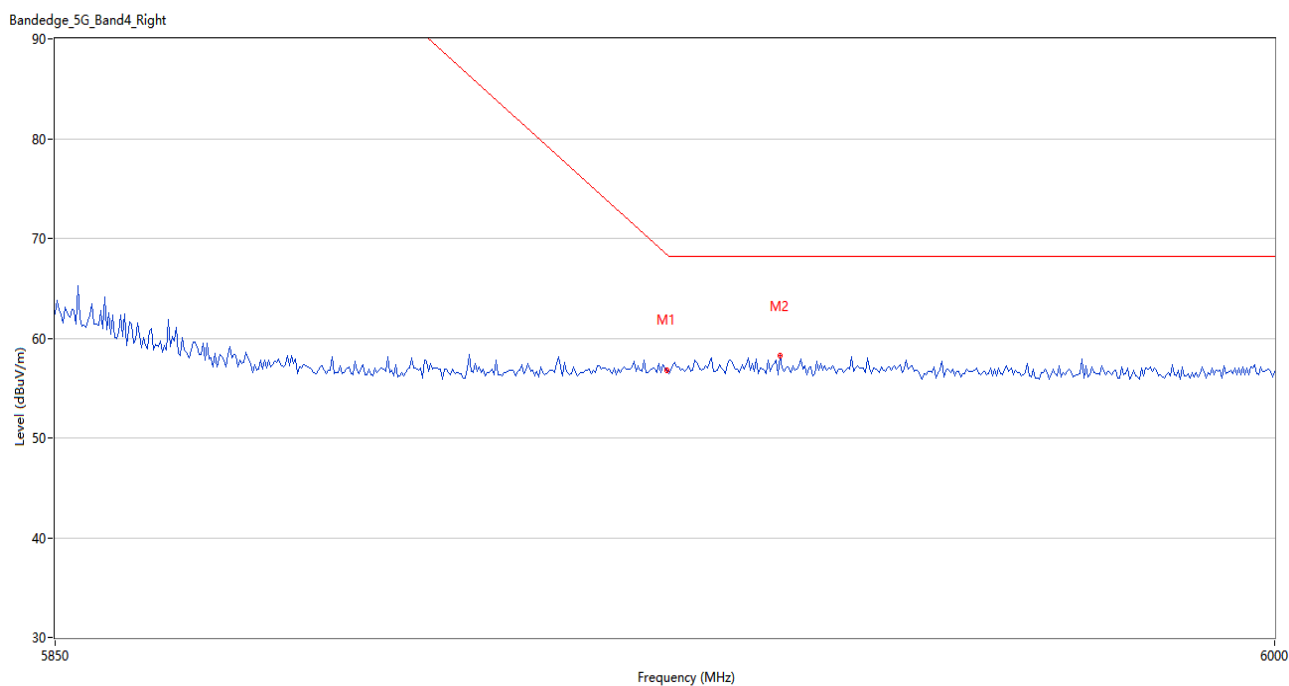
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 5924.750        | 57.62            | 3.75        | 68.4           | 10.78       | Peak     | 333.00         | 400         | Vertical | Pass    |
| 2   | 5978.250        | 58.72            | 3.55        | 68.2           | 9.48        | Peak     | 82.00          | 200         | Vertical | 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   | 5620.625        | 57.46            | 2.53        | 68.2           | 10.74       | Peak     | 335.00         | 400         | Vertical | Pass    |
| 2   | 5650.000        | 55.58            | 2.28        | 68.2           | 12.62       | Peak     | 281.00         | 100         | Vertical | Pass    |

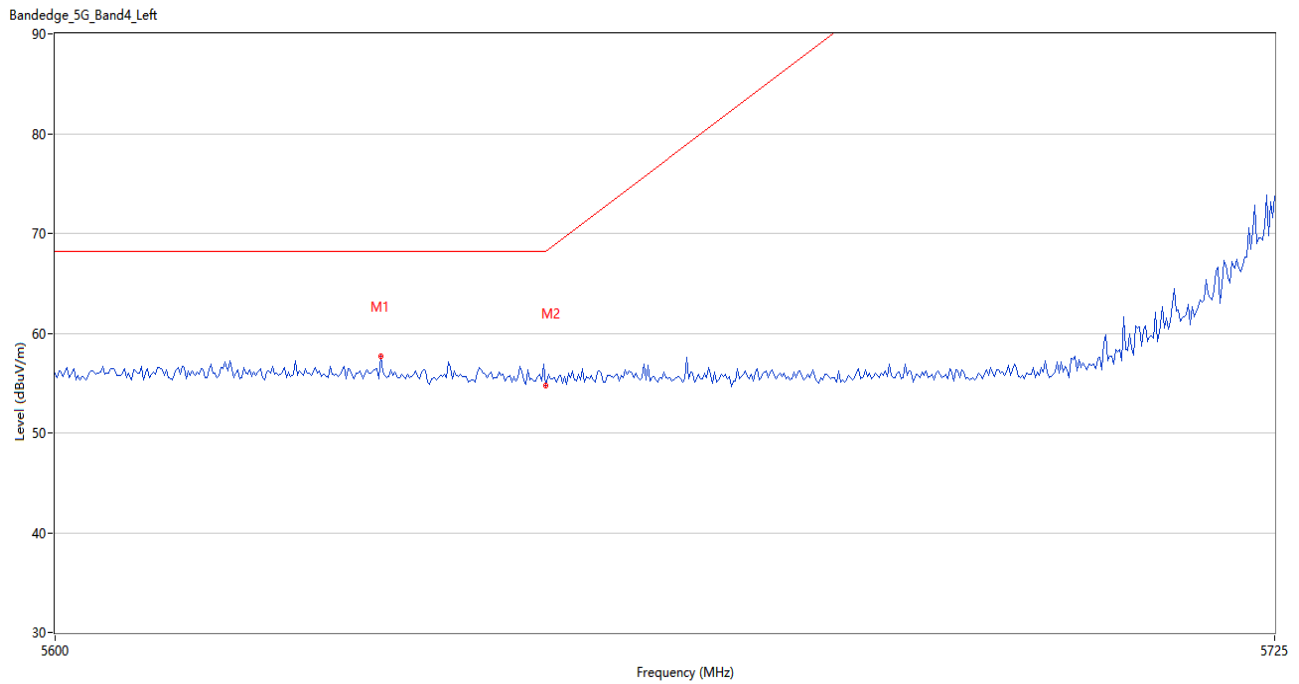
## U-NII-3 11n40 High Channel



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 5924.750        | 56.82            | 3.75        | 68.4           | 11.58       | Peak     | 263.00         | 100         | Vertical | Pass    |
| 2   | 5938.750        | 58.24            | 3.83        | 68.2           | 9.96        | Peak     | 353.00         | 400         | Vertical | Pass    |

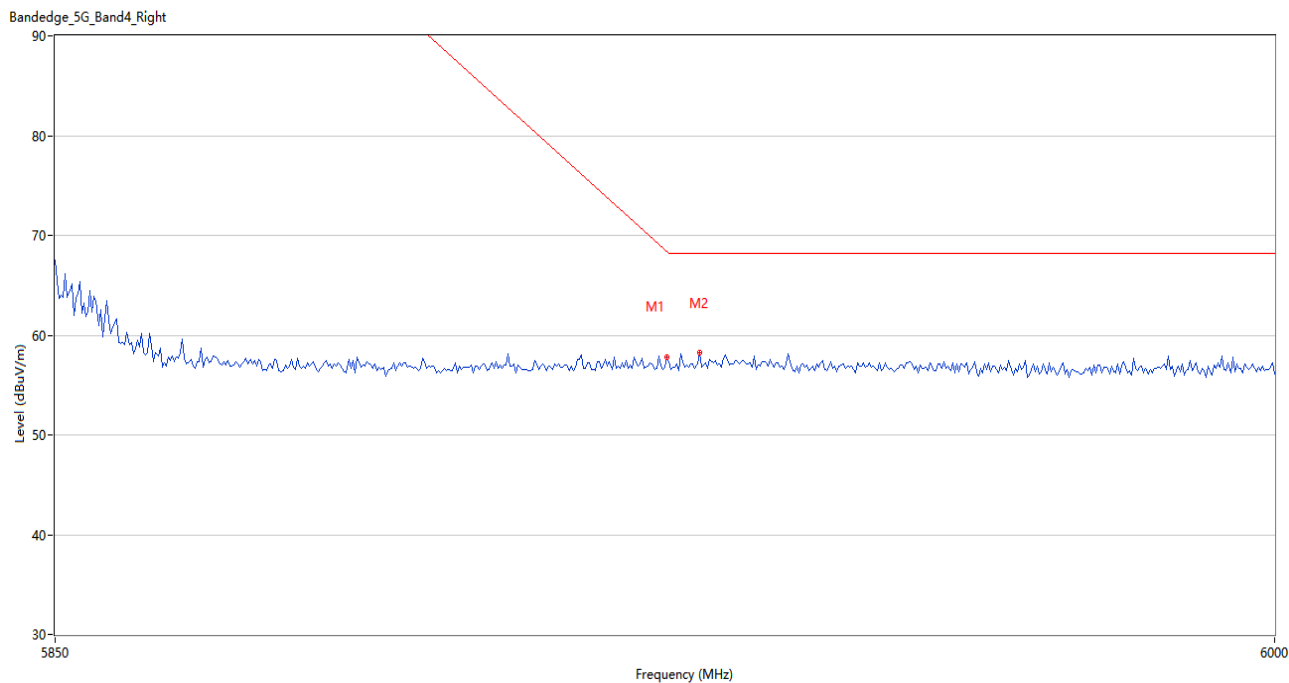


## U-NII-3 11ac20 Low Channel



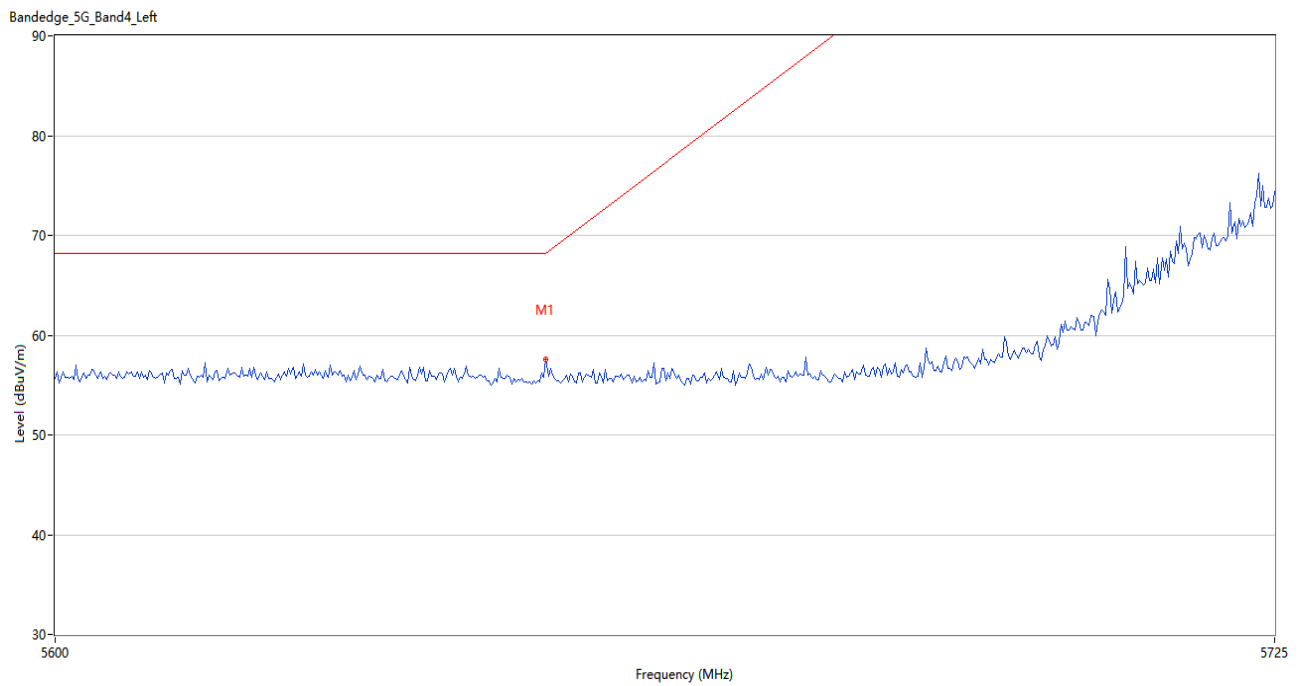
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 5633.125        | 57.64            | 2.45        | 68.2           | 10.56       | Peak     | 277.00         | 100         | Vertical | Pass    |
| 2   | 5650.000        | 54.78            | 2.28        | 68.2           | 13.42       | Peak     | 32.00          | 200         | Vertical | Pass    |

## U-NII-3 11ac20 High Channel



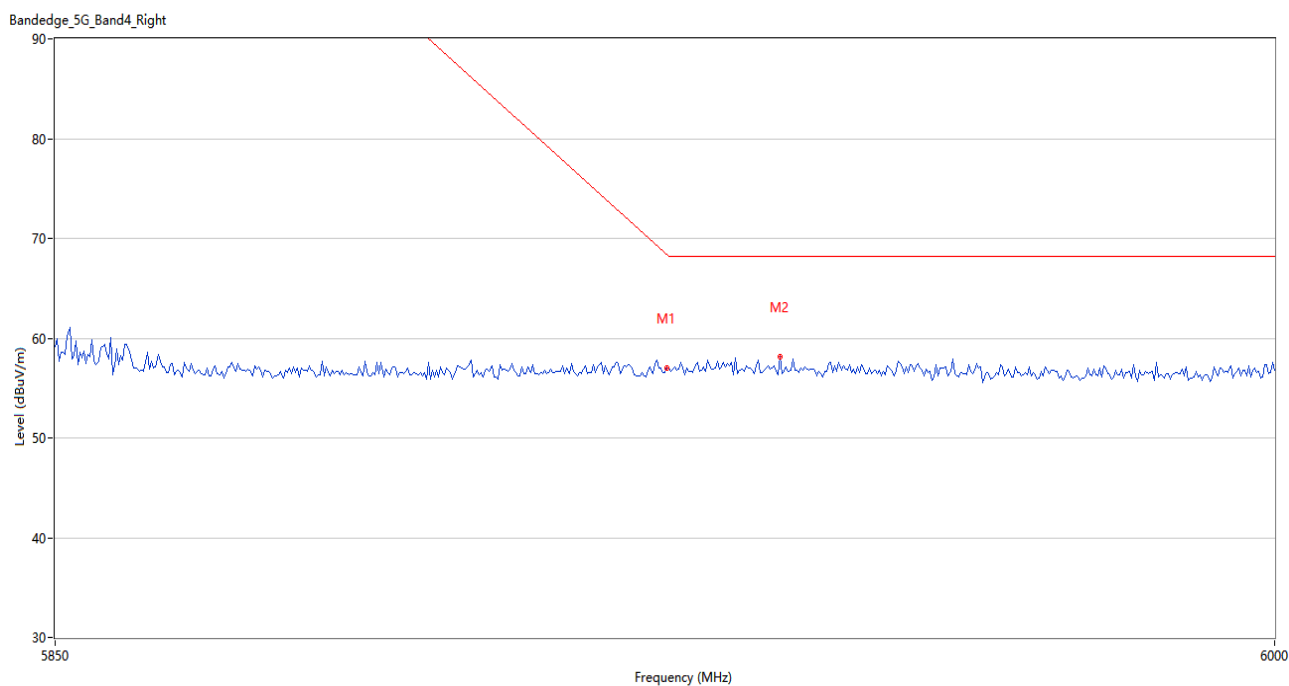
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 5924.750        | 57.81            | 3.75        | 68.4           | 10.59       | Peak     | 176.00         | 100         | Vertical | Pass    |
| 2   | 5928.750        | 58.22            | 3.86        | 68.2           | 9.98        | Peak     | 34.00          | 200         | Vertical | Pass    |

## U-NII-3 11ac40 Low Channel



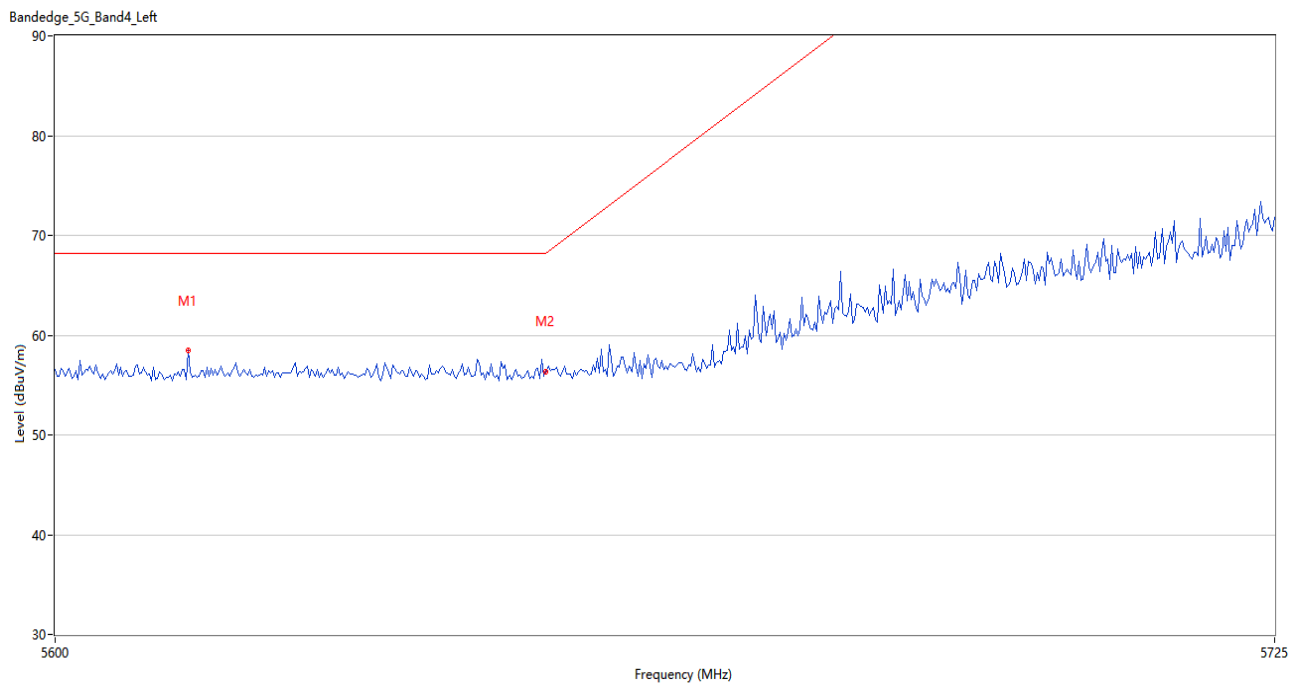
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 5650.000        | 57.54            | 2.28        | 68.2           | 10.66       | Peak     | 73.00          | 200         | Vertical | Pass    |

## U-NII-3 11ac40 High Channel



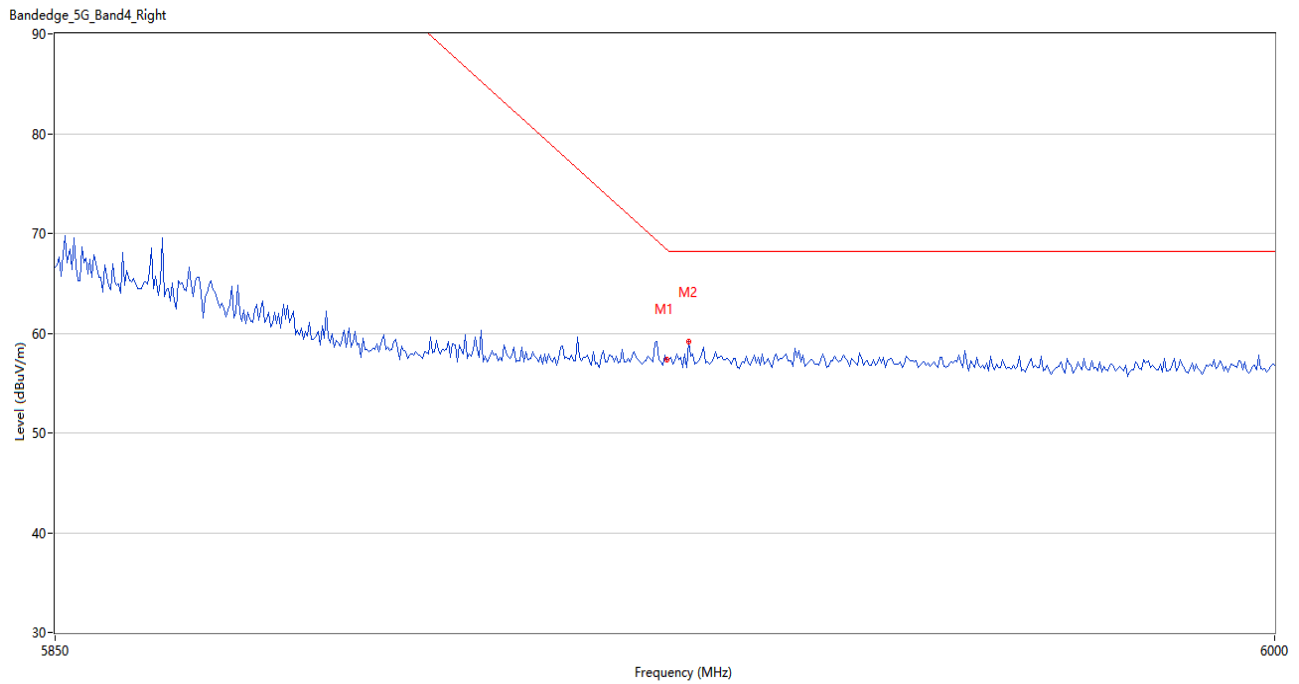
| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 5924.750        | 57.02            | 3.75        | 68.4           | 11.38       | Peak     | 166.00         | 300         | Vertical | Pass    |
| 2   | 5938.750        | 58.14            | 3.83        | 68.2           | 10.06       | Peak     | 194.00         | 100         | Vertical | 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   | 5613.541        | 58.47            | 2.55        | 68.2           | 9.73        | Peak     | 300.00         | 100         | Vertical | Pass    |
| 2   | 5650.000        | 56.37            | 2.28        | 68.2           | 11.83       | Peak     | 300.00         | 300         | Vertical | 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        | 57.38            | 3.75        | 68.4           | 11.02       | Peak     | 202.00         | 300         | Vertical | Pass    |
| 2   | 5927.500        | 59.18            | 3.72        | 68.2           | 9.02        | Peak     | 313.00         | 400         | Vertical | Pass    |

## **ANNEX B TEST SETUP PHOTOS**

Please refer the document “BL-SZ24C0923-AR-2.PDF”.

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document “BL-SZ24C0923-AW.PDF”.

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document “BL-SZ24C0923-AI.PDF”.

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--END OF REPORT--