

# RF TEST REPORT

ISSUED BY  
Shenzhen BALUN Technology Co., Ltd.



FOR  
**Mobile Phone**

ISSUED TO  
vivo Mobile Communication Co., Ltd.

No.168 Jinghai East Rd., Chang'an, Dongguan, Guangdong, China



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Date: Jun. 23, 2021  
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Date: Jun. 23, 2021

Report No.: BL-SZ2150617-604  
EUT Name: Mobile Phone  
Model Name: V2058  
Brand Name: vivo  
Test Standard: 47 CFR Part 15 Subpart E  
(refer section 3.1)  
FCC ID: 2AUCY-V2058

Test Conclusion: Pass  
Test Date: May 27, 2021 ~ Jun. 18, 2021  
Date of Issue: Jun. 23, 2021

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### Revision History

| Version        | Issue Date           | Revisions Content                   |
|----------------|----------------------|-------------------------------------|
| <u>Rev. 01</u> | <u>Jun. 22, 2021</u> | <u>Initial Issue</u>                |
| <u>Rev. 02</u> | <u>Jun. 23, 2021</u> | <u>Remove the test setup photos</u> |

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# 1 ADMINISTRATIVE DATA (GENERAL INFORMATION)

## 1.1 Identification of the Testing Laboratory

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

## 1.2 Identification of the Responsible Testing Location

|                           |                                                                                                                                                                                                                     |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Location             | Shenzhen BALUN Technology Co., Ltd.                                                                                                                                                                                 |
| Address                   | Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, 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.                                                                                    |
| Description               | All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055 |

## 1.3 Laboratory Condition

|                           |                    |
|---------------------------|--------------------|
| Ambient Temperature       | 20°C to 25°C       |
| Ambient Relative Humidity | 45% to 55%         |
| Ambient Pressure          | 100 kPa to 102 kPa |

## 1.4 Announce

- (1) The test report reference to the report template version v4.4.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- (5) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.
- (6) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- (7) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

## 2 PRODUCT INFORMATION

### 2.1 Applicant

|           |                                                               |
|-----------|---------------------------------------------------------------|
| Applicant | vivo Mobile Communication Co., Ltd.                           |
| Address   | No.168 Jinghai East Rd., Chang'an, Dongguan, Guangdong, China |

### 2.2 Manufacturer

|              |                                                               |
|--------------|---------------------------------------------------------------|
| Manufacturer | vivo Mobile Communication Co., Ltd.                           |
| Address      | No.168 Jinghai East Rd., Chang'an, Dongguan, Guangdong, China |

### 2.3 Factory

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

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

|                                           |                     |
|-------------------------------------------|---------------------|
| EUT Name                                  | Mobile Phone        |
| Model Name Under Test                     | V2058               |
| Series Model Name                         | N/A                 |
| Description of Model name differentiation | N/A                 |
| Hardware Version                          | MP_0.1              |
| Software Version                          | PD2103BF_EX_A_3.6.4 |
| Dimensions (Approx.)                      | 163.96*75.3*8.495mm |
| Weight (Approx.)                          | 193g                |

## 2.5 Technical Information

|                                   |                                                                             |
|-----------------------------------|-----------------------------------------------------------------------------|
| Network and Wireless connectivity | 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80)<br>U-NII-1/2A/2C/3 |
|-----------------------------------|-----------------------------------------------------------------------------|

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

|                                                               |                                                                                                                                      |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Frequency Range                                               | U-NII-1: 5150 MHz to 5250 MHz,<br>U-NII-2A: 5250 MHz to 5350 MHz,<br>U-NII-2C: 5470 MHz to 5725 MHz<br>U-NII-3: 5725 MHz to 5850 MHz |
| Product Type                                                  | <input type="checkbox"/> Mobile<br><input checked="" type="checkbox"/> Portable<br><input type="checkbox"/> Fix Location             |
| Modulation technology                                         | OFDM                                                                                                                                 |
| Modulation Type                                               | 256QAM, 64QAM, 16QAM, BPSK, QPSK                                                                                                     |
| Product Type                                                  | Mobile and Portable for FCC standard                                                                                                 |
| Transfer Rate (Mbps)<br>(Single RF path)                      | 802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps<br>802.11n: up to 150 Mbps<br>802.11ac: up to VHT-MCS9                                    |
| Channel Bandwidth                                             | 802.11a: 20 MHz<br>802.11n: 20 MHz, 40 MHz<br>802.11ac: 20 MHz, 40 MHz, 80 MHz                                                       |
| Maximum Output Power                                          | U-NII-1: 17.83 dBm<br>U-NII-2A: 17.95 dBm<br>U-NII-2C: 17.78 dBm<br>U-NII-3: 17.66 dBm                                               |
| 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                                                  | -3.0 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)    |
| About the Product                                             | The equipment is Mobile Phone, intended for used with information technology equipment.                                              |

## 2.6 Additional Instructions

EUT Software Settings:

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

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

| SP MATE                                        | SP MATE     |              |       |
|------------------------------------------------|-------------|--------------|-------|
| Support Units<br>(Software installation media) | Description | Manufacturer | Model |
|                                                | Notebook    | Lenovo       | X220  |

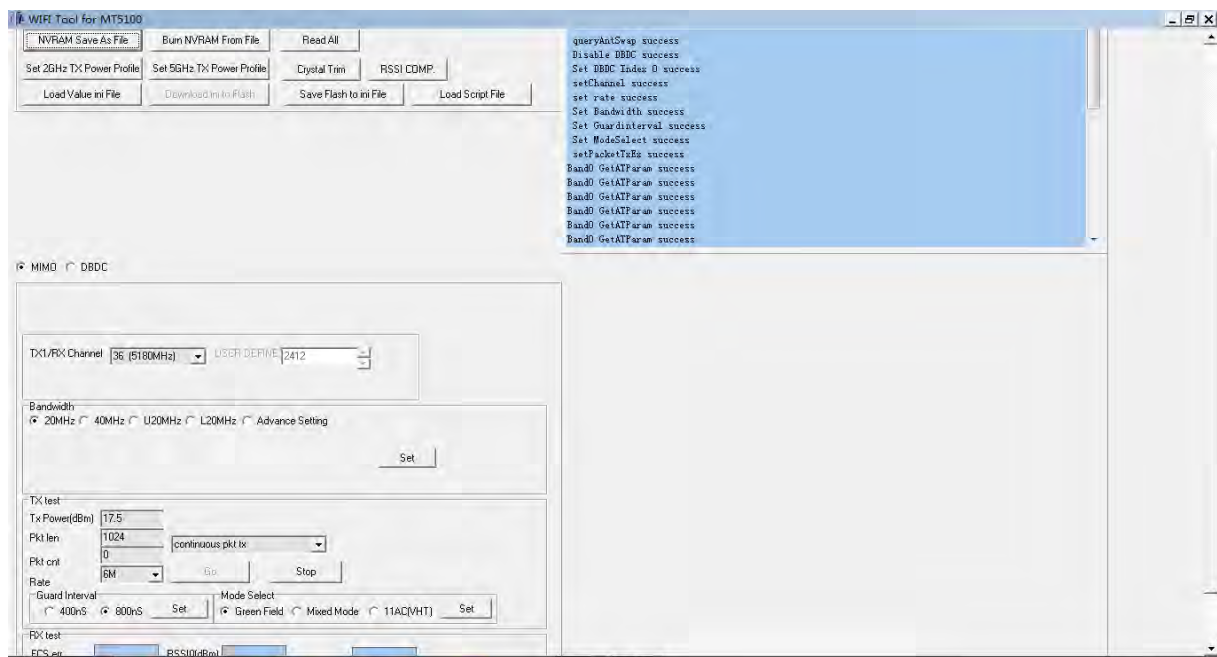
| U-NII-1 (5150 - 5250 MHz) Power level setup in software |         |                 |          |
|---------------------------------------------------------|---------|-----------------|----------|
| Mode                                                    | Channel | Frequency (MHz) | Soft Set |
| 11a                                                     | CH36    | 5180            | 15.0     |
| 11a                                                     | CH44    | 5220            | 17.5     |
| 11a                                                     | CH48    | 5240            | 17.5     |
| 11n (HT20)                                              | CH36    | 5180            | 15.0     |
| 11n (HT20)                                              | CH44    | 5220            | 16.0     |
| 11n (HT20)                                              | CH48    | 5240            | 16.0     |
| 11n (HT40)                                              | CH38    | 5190            | 15.0     |
| 11n (HT40)                                              | CH46    | 5230            | 15.0     |
| 11ac (VHT20)                                            | CH36    | 5180            | 15.5     |
| 11ac (VHT20)                                            | CH44    | 5220            | 15.5     |
| 11ac (VHT20)                                            | CH48    | 5240            | 15.5     |
| 11ac (VHT40)                                            | CH38    | 5190            | 14.0     |
| 11ac (VHT40)                                            | CH46    | 5230            | 14.0     |
| 11ac (VHT80)                                            | CH42    | 5210            | 13.0     |

| U-NII-2A (5250 - 5350 MHz) Power level setup in software |         |                 |          |
|----------------------------------------------------------|---------|-----------------|----------|
| Mode                                                     | Channel | Frequency (MHz) | Soft Set |
| 11a                                                      | CH52    | 5260            | 17.5     |
| 11a                                                      | CH60    | 5300            | 17.5     |
| 11a                                                      | CH64    | 5320            | 17.0     |
| 11n (HT20)                                               | CH52    | 5260            | 16.0     |
| 11n (HT20)                                               | CH60    | 5300            | 16.0     |
| 11n (HT20)                                               | CH64    | 5320            | 16.0     |
| 11n (HT40)                                               | CH54    | 5270            | 15.0     |
| 11n (HT40)                                               | CH62    | 5310            | 13.0     |
| 11ac (VHT20)                                             | CH52    | 5260            | 15.5     |
| 11ac (VHT20)                                             | CH60    | 5300            | 15.5     |
| 11ac (VHT20)                                             | CH64    | 5320            | 15.5     |
| 11ac (VHT40)                                             | CH54    | 5270            | 14.0     |
| 11ac (VHT40)                                             | CH62    | 5310            | 13.0     |
| 11ac (VHT80)                                             | CH58    | 5290            | 12.5     |

| U-NII-2C (5470 - 5725 MHz) Power level setup in software |         |                 |          |
|----------------------------------------------------------|---------|-----------------|----------|
| Mode                                                     | Channel | Frequency (MHz) | Soft Set |
| 11a                                                      | CH100   | 5500            | 16.0     |
| 11a                                                      | CH116   | 5580            | 17.5     |
| 11a                                                      | CH140   | 5700            | 14.5     |
| 11a                                                      | CH144   | 5720            | 17.5     |
| 11n (HT20)                                               | CH100   | 5500            | 16.0     |
| 11n (HT20)                                               | CH116   | 5580            | 16.0     |
| 11n (HT20)                                               | CH140   | 5700            | 14.5     |
| 11n (HT20)                                               | CH144   | 5720            | 16.0     |
| 11n (HT40)                                               | CH102   | 5510            | 12.5     |
| 11n (HT40)                                               | CH118   | 5590            | 15.0     |
| 11n (HT40)                                               | CH134   | 5670            | 15.0     |
| 11n (HT40)                                               | CH142   | 5710            | 15.0     |
| 11ac (VHT20)                                             | CH100   | 5500            | 15.5     |
| 11ac (VHT20)                                             | CH116   | 5580            | 15.5     |
| 11ac (VHT20)                                             | CH140   | 5700            | 15.5     |
| 11ac (VHT20)                                             | CH144   | 5720            | 15.5     |
| 11ac (VHT40)                                             | CH102   | 5510            | 14.0     |
| 11ac (VHT40)                                             | CH118   | 5590            | 14.0     |
| 11ac (VHT40)                                             | CH134   | 5670            | 14.0     |
| 11ac (VHT40)                                             | CH142   | 5710            | 14.0     |
| 11ac (VHT80)                                             | CH106   | 5530            | 13.0     |
| 11ac (VHT80)                                             | CH122   | 5610            | 13.0     |
| 11ac (VHT80)                                             | CH138   | 5690            | 13.0     |

| U-NII-3 (5725 - 5850 MHz) Power level setup in software |         |                 |          |
|---------------------------------------------------------|---------|-----------------|----------|
| Mode                                                    | Channel | Frequency (MHz) | Soft Set |
| 11a                                                     | CH149   | 5745            | 17.5     |
| 11a                                                     | CH157   | 5785            | 17.5     |
| 11a                                                     | CH165   | 5825            | 17.5     |
| 11n (HT20)                                              | CH149   | 5745            | 16.0     |
| 11n (HT20)                                              | CH157   | 5785            | 16.0     |
| 11n (HT20)                                              | CH165   | 5825            | 16.0     |
| 11n (HT40)                                              | CH151   | 5755            | 15.0     |
| 11n (HT40)                                              | CH159   | 5795            | 15.0     |
| 11ac (VHT20)                                            | CH149   | 5745            | 15.5     |
| 11ac (VHT20)                                            | CH157   | 5785            | 15.5     |
| 11ac (VHT20)                                            | CH165   | 5825            | 15.5     |
| 11ac (VHT40)                                            | CH151   | 5755            | 14.0     |
| 11ac (VHT40)                                            | CH159   | 5795            | 14.0     |
| 11ac (VHT80)                                            | CH155   | 5775            | 13.0     |

Run Software:



## 2.7 Channel List

| 20 MHz         |                 | 40 MHz         |                 | 80 MHz         |                 |
|----------------|-----------------|----------------|-----------------|----------------|-----------------|
| Channel Number | Frequency (MHz) | Channel Number | Frequency (MHz) | Channel Number | Frequency (MHz) |
| <b>36</b>      | <b>5180</b>     | <b>38</b>      | <b>5190</b>     | <b>42</b>      | <b>5210</b>     |
| 40             | 5200            | <b>46</b>      | <b>5230</b>     | <b>58</b>      | <b>5290</b>     |
| <b>44</b>      | <b>5220</b>     | <b>54</b>      | <b>5270</b>     | <b>106</b>     | <b>5530</b>     |
| <b>48</b>      | <b>5240</b>     | <b>62</b>      | <b>5310</b>     | <b>138</b>     | <b>5690</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>134</b>     | <b>5670</b>     |                |                 |
| <b>64</b>      | <b>5320</b>     | <b>142</b>     | <b>5710</b>     |                |                 |
| <b>100</b>     | <b>5500</b>     | <b>151</b>     | <b>5755</b>     |                |                 |
| 104            | 5520            | <b>159</b>     | <b>5795</b>     |                |                 |
| 108            | 5540            |                |                 |                |                 |
| 112            | 5560            |                |                 |                |                 |
| <b>116</b>     | <b>5580</b>     |                |                 |                |                 |
| 132            | 5660            |                |                 |                |                 |
| 136            | 5680            |                |                 |                |                 |
| <b>140</b>     | <b>5700</b>     |                |                 |                |                 |
| <b>144</b>     | <b>5720</b>     |                |                 |                |                 |
| <b>149</b>     | <b>5745</b>     |                |                 |                |                 |
| 153            | 5765            |                |                 |                |                 |
| <b>157</b>     | <b>5785</b>     |                |                 |                |                 |
| 161            | 5805            |                |                 |                |                 |
| <b>165</b>     | <b>5825</b>     |                |                 |                |                 |

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

| U-NII-2C (5150 - 5250 MHz) |         |                 | U-NII-3 (5725 - 5850 MHz) |         |                 |
|----------------------------|---------|-----------------|---------------------------|---------|-----------------|
| Channel Number             | Channel | Frequency (MHz) | Channel Number            | Channel | Frequency (MHz) |
| 102                        | Low     | 5510            | 142                       | --      | 5710            |
| 110                        | Mid     | 5550            | 151                       | Low     | 5755            |
| 134                        | High    | 5670            | 159                       | High    | 5795            |
| 142                        | --      | 5710            |                           |         |                 |

For 802.11ac(VHT80)

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

| U-NII-2C (5470 - 5725 MHz) |         |                 | U-NII-3 (5725 - 5850 MHz) |         |                 |
|----------------------------|---------|-----------------|---------------------------|---------|-----------------|
| Channel Number             | Channel | Frequency (MHz) | Channel Number            | Channel | Frequency (MHz) |
| 106                        | Low     | 5530            | 138                       | --      | 5690            |
| 138                        | High    | 5690            | 155                       | Mid     | 5775            |

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

| Test Items                                  | Mode         | Data Rate | Modulation Type | U-NII-1  | U-NII-2A | U-NII-2C        | U-NII-3         |
|---------------------------------------------|--------------|-----------|-----------------|----------|----------|-----------------|-----------------|
|                                             |              |           |                 | Channel  | Channel  | Channel         | Channel         |
| RF Output Power                             | 11a          | 6         | BPSK            | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(20 MHz)  | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(40 MHz)  | 13.5      |                 | 46/38    | 62/54    | 142/134/110/102 | 159/151/142     |
|                                             | 11ac(20 MHz) | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11ac(40 MHz) | 13.5      |                 | 46/38    | 62/54    | 142/134/110/102 | 159/151/142     |
|                                             | 11ac(80 MHz) | 29.3      |                 | 42       | 58       | 138/122/106     | 155/138         |
| Emission Bandwidth & 99% Occupied Bandwidth | 11a          | 6         | BPSK            | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(20 MHz)  | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(40 MHz)  | 13.5      |                 | 46/38    | 62/54    | 142/134/110/102 | 159/151/142     |
|                                             | 11ac(20 MHz) | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11ac(40 MHz) | 13.5      |                 | 46/38    | 62/54    | 142/134/110/102 | 159/151/142     |
|                                             | 11ac(80 MHz) | 29.3      |                 | 42       | 58       | 138/122/106     | 155/138         |
| 6 dB bandwidth                              | 11a          | 6         | BPSK            | N/A      | N/A      | N/A             | 165/157/149/144 |
|                                             | 11n(20 MHz)  | 6.5       |                 | N/A      | N/A      | N/A             | 165/157/149/144 |
|                                             | 11n(40 MHz)  | 13.5      |                 | N/A      | N/A      | N/A             | 159/151/142     |
|                                             | 11ac(20 MHz) | 6.5       |                 | N/A      | N/A      | N/A             | 165/157/149/144 |
|                                             | 11ac(40 MHz) | 13.5      |                 | N/A      | N/A      | N/A             | 159/151/142     |
|                                             | 11ac(80 MHz) | 29.3      |                 | N/A      | N/A      | N/A             | 155/138         |
| Power Spectral Density                      | 11a          | 6         | BPSK            | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(20 MHz)  | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(40 MHz)  | 13.5      |                 | 46/38    | 62/54    | 142/134/110/102 | 159/151/142     |
|                                             | 11ac(20 MHz) | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11ac(40 MHz) | 13.5      |                 | 46/38    | 62/54    | 142/134/110/102 | 159/151/142     |
|                                             | 11ac(80 MHz) | 29.3      |                 | 42       | 58       | 138/122/106     | 155/138         |
| Radiated Spurious Emissions                 | 11a          | 6         | BPSK            | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(20 MHz)  | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(40 MHz)  | 13.5      |                 | 46/38    | 62/54    | 142/134/110/102 | 159/151/142     |
|                                             | 11ac(20 MHz) | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11ac(40 MHz) | 13.5      |                 | 46/38    | 62/54    | 142/134/110/102 | 159/151/142     |
|                                             | 11ac(80 MHz) | 29.3      |                 | 42       | 58       | 138/122/106     | 155/138         |
| Band Edge (Restricted -band)                | 11a          | 6         | BPSK            | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(20 MHz)  | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(40 MHz)  | 13.5      |                 | 46/38    | 62/54    | 142/134/110/102 | 159/151/142     |
|                                             | 11ac(20 MHz) | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11ac(40 MHz) | 13.5      |                 | 46/38    | 62/54    | 142/134/110/102 | 159/151/142     |
|                                             | 11ac(80 MHz) | 29.3      |                 | 42       | 58       | 138/122/106     | 155/138         |

### 3 SUMMARY OF TEST RESULTS

#### 3.1 Test Standards

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

#### 3.2 Verdict

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

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

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

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

## 4 GENERAL TEST CONFIGURATIONS

### 4.1 Test Environments

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

|                            |                         |                |
|----------------------------|-------------------------|----------------|
| Relative Humidity          | 45% to 55%              |                |
| Atmospheric Pressure       | 100 kPa to 102 kPa      |                |
| Temperature                | NT (Normal Temperature) | +22°C to +25°C |
|                            | LT (Low Temperature)    | -10°C          |
|                            | HT (High Temperature)   | +55°C          |
| Working Voltage of the EUT | NV (Normal Voltage)     | 3.87 V         |
|                            | LV (Low Voltage)        | 3.60 V         |
|                            | HV (High Voltage)       | 4.45 V         |

### 4.2 Test Equipment List

| Description                       | Manufacturer  | Model      | Serial No. | Cal. Date  | Cal. Due   |
|-----------------------------------|---------------|------------|------------|------------|------------|
| Spectrum Analyzer                 | ROHDE&SCHWARZ | FSV-40     | 101544     | 2021.04.01 | 2022.03.31 |
| Bluetooth Signaling Unit          | ROHDE&SCHWARZ | CMW500     | 142028     | 2020.06.08 | 2021.06.07 |
| Bluetooth Signaling Unit          | ROHDE&SCHWARZ | CMW500     | 142028     | 2021.06.01 | 2022.05.31 |
| Spectrum Analyzer                 | ROHDE&SCHWARZ | FSV-30     | 103118     | 2020.06.08 | 2021.06.07 |
| Spectrum Analyzer                 | ROHDE&SCHWARZ | FSV-30     | 103118     | 2021.06.01 | 2022.05.31 |
| Vector Signal Generator           | ROHDE&SCHWARZ | SMBV100A   | 260592     | 2020.06.08 | 2021.06.07 |
| Vector Signal Generator           | ROHDE&SCHWARZ | SMBV100A   | 260592     | 2021.06.01 | 2022.05.31 |
| Signal Generator                  | ROHDE&SCHWARZ | SMB100A    | 177746     | 2020.06.08 | 2021.06.07 |
| Signal Generator                  | ROHDE&SCHWARZ | SMB100A    | 177746     | 2021.06.01 | 2022.05.31 |
| Switch Unit with OSP-B157         | ROHDE&SCHWARZ | OSP120     | 101270     | 2020.06.08 | 2021.06.07 |
| Switch Unit with OSP-B157         | ROHDE&SCHWARZ | OSP120     | 101270     | 2021.06.01 | 2022.05.31 |
| EMI Receiver                      | KEYSIGHT      | N9038A     | MY53220118 | 2020.06.09 | 2021.06.08 |
| EMI Receiver                      | KEYSIGHT      | N9038A     | MY53220118 | 2021.06.01 | 2022.05.31 |
| EMI Receiver                      | ROHDE&SCHWARZ | ESRP       | 101036     | 2020.06.09 | 2021.06.08 |
| EMI Receiver                      | ROHDE&SCHWARZ | ESRP       | 101036     | 2021.06.01 | 2022.05.31 |
| LISN                              | SCHWARZBECK   | NSLK 8127  | 8127-687   | 2020.06.09 | 2021.06.08 |
| LISN                              | SCHWARZBECK   | NSLK 8127  | 8127-687   | 2021.06.01 | 2022.05.31 |
| Test Antenna-Loop(9 kHz-30 MHz)   | SCHWARZBECK   | FMZB 1519  | 1519-037   | 2019.10.29 | 2021.10.28 |
| Test Antenna-Bi-Log(30 MHz-3 GHz) | SCHWARZBECK   | VULB 9163  | 9163-624   | 2019.07.02 | 2021.07.01 |
| Test Antenna-Horn(1-18 GHz)       | SCHWARZBECK   | BBHA 9120D | 9120D-1917 | 2019.07.02 | 2021.07.01 |
| Test Antenna-                     | A-INFO        | LB-        | J211060273 | 2021.01.05 | 2023.01.04 |

| Description        | Manufacturer            | Model                 | Serial No. | Cal. Date  | Cal. Due   |
|--------------------|-------------------------|-----------------------|------------|------------|------------|
| Horn (18-40 GHz)   |                         | 180400KF              |            |            |            |
| Anechoic Chamber   | RAINFORD                | 9m*6m*6m              | N/A        | 2017.02.21 | 2022.02.20 |
| Anechoic Chamber   | EMC Electronic Co., Ltd | 20.10*11.60<br>*7.35m | N/A        | 2018.08.08 | 2021.08.07 |
| Shielded Enclosure | ChangNing               | CN-130701             | 130703     | --         | --         |

### 4.3 Measurement Uncertainty

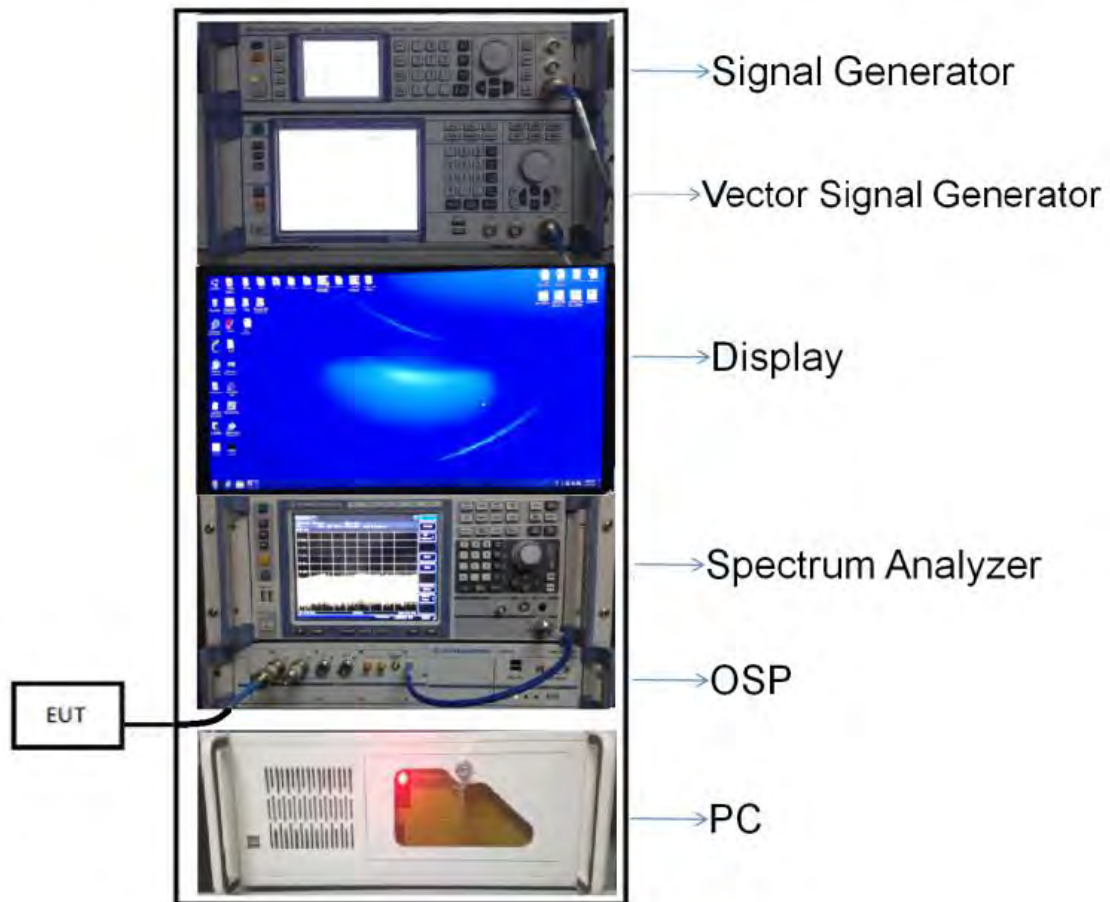
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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

| Measurement                       | Value    |
|-----------------------------------|----------|
| Occupied Channel Bandwidth        | ±4%      |
| RF output power, conducted        | ±1.21 dB |
| Power Spectral Density, conducted | ±1.25 dB |
| Unwanted Emissions, conducted     | ±1.26 dB |
| All emissions, radiated           | ±3.86 dB |
| Temperature                       | ±1°C     |
| Humidity                          | ±4%      |

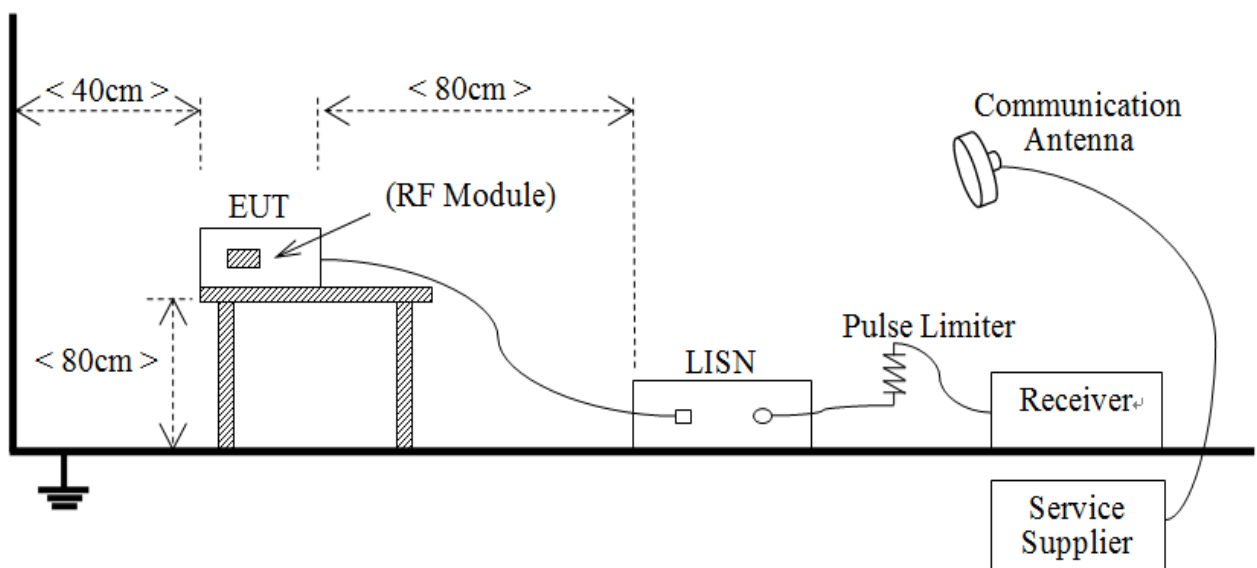
## 4.4 Description of Test Setup

### 4.4.1 For Antenna Port Test



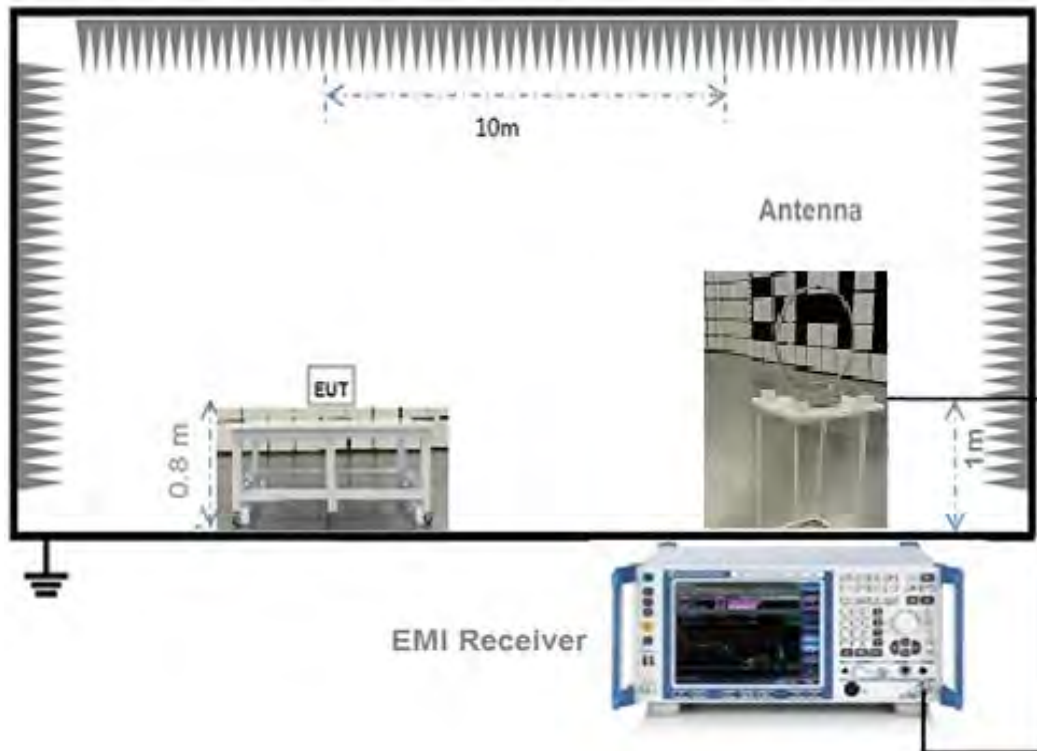
(Diagram 1)

### 4.4.2 For AC Power Supply Port Test



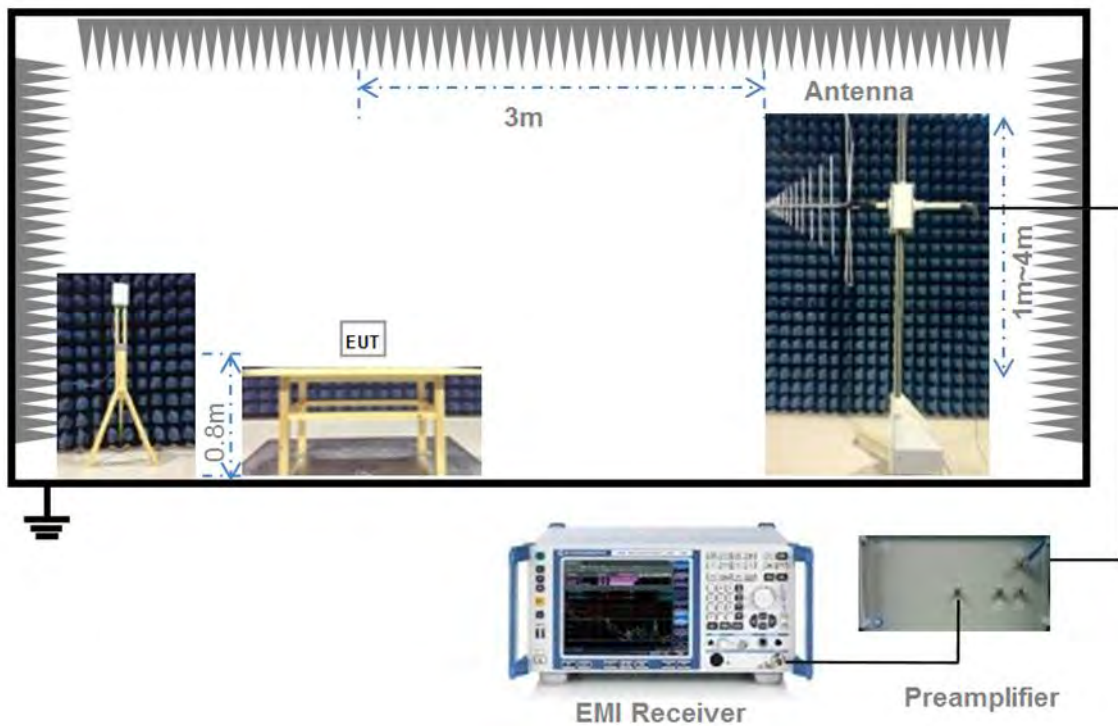
(Diagram 2)

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



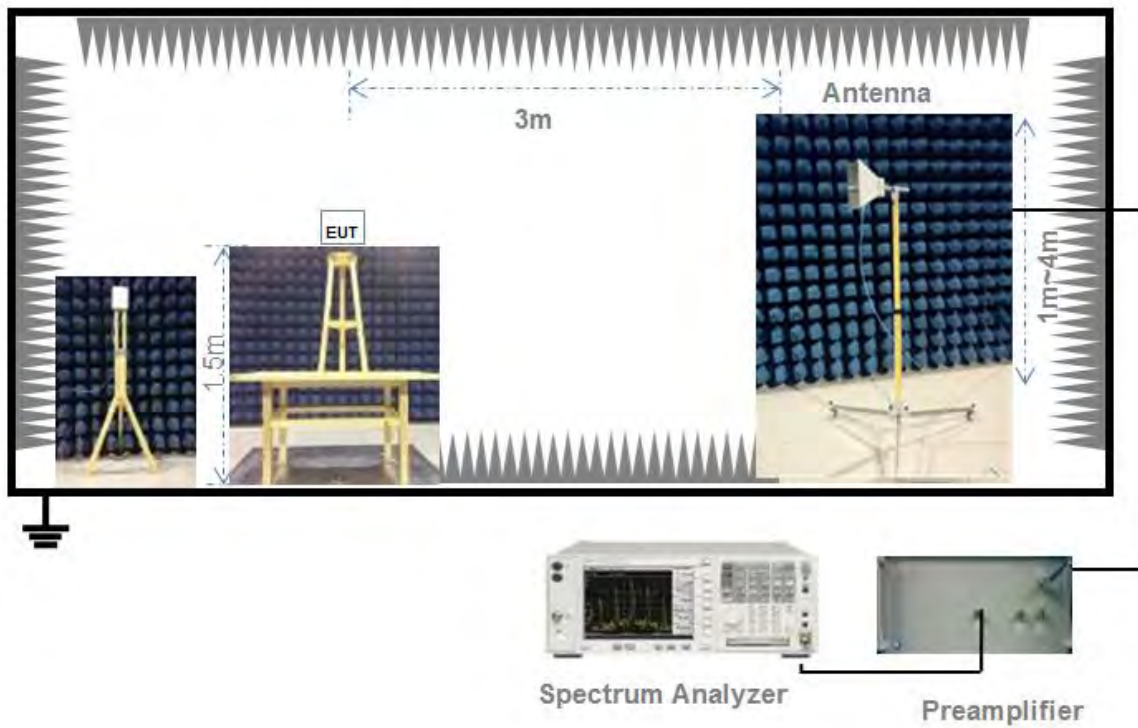
(Diagram 3)

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



(Diagram 4)

#### 4.4.5 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                                            |
| Note: Where "B" is the 99% emissions bandwidth in MHz. |                                                |

#### 5.1.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

#### 5.1.3 Test Procedure

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

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

#### 5.1.4 Test Result

Please refer to ANNEX A.1.

## 5.2 Emission Bandwidth and 6 dB Bandwidth

### 5.2.1 Limit

FCC §15.407(a), 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 4.4.1 (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        |

### 5.3.2 Test Setup

The section 4.4.1 (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 4.4.2 (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)

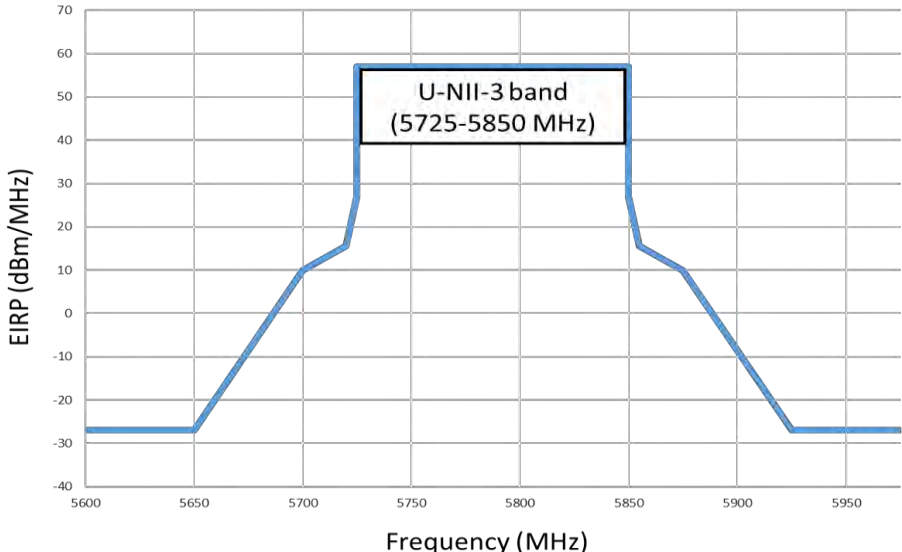
### 5.5.1 Limit

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 4.4.3-4.4.5 (Diagram 3 - Diagram 5) test setup description was used for this test. The photo of test

setup please refer to ANNEX B.

### 5.5.3 Test Procedure

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

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

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

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

#### Quasi-Peak measurement procedure

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

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable emission limits using a peak detector.

#### Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle,  $x$ , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW  $\geq 3 \times$  RBW.
- e) Detector = RMS, if  $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$ . Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
  - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
  - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.
- h) Perform a trace average of at least 100 traces.
- i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:
  - 1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is  $10 \log(1/x)$ , where  $x$  is the duty cycle.
  - 2) If linear voltage averaging mode was used in step f), then the applicable correction factor is  $20 \log(1/x)$ , where

x is the duty cycle.

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

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

#### Determining the applicable transmit antenna gain

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

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

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

#### Radiated spurious emission test

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

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

The measurement frequency range is from 30 MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from  $0^\circ$  to  $360^\circ$ , 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.

#### Test Data

##### Conducted Power

| U-NII-1 (5150 - 5250 MHz) |         |                       |                      |                |         |
|---------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                      | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                       | CH36    | 15.26                 | 33.57                | 250            | Pass    |
| 11a                       | CH44    | 17.83                 | 60.67                | 250            | Pass    |
| 11a                       | CH48    | 17.79                 | 60.12                | 250            | Pass    |
| 11n (HT20)                | CH36    | 15.27                 | 33.65                | 250            | Pass    |
| 11n (HT20)                | CH44    | 16.35                 | 43.15                | 250            | Pass    |
| 11n (HT20)                | CH48    | 16.34                 | 43.05                | 250            | Pass    |
| 11n (HT40)                | CH38    | 15.34                 | 34.20                | 250            | Pass    |
| 11n (HT40)                | CH46    | 15.33                 | 34.12                | 250            | Pass    |
| 11ac (VHT20)              | CH36    | 15.89                 | 38.82                | 250            | Pass    |
| 11ac (VHT20)              | CH44    | 15.93                 | 39.17                | 250            | Pass    |
| 11ac (HVT20)              | CH48    | 15.85                 | 38.46                | 250            | Pass    |
| 11ac (VHT40)              | CH38    | 14.33                 | 27.10                | 250            | Pass    |
| 11ac (VHT40)              | CH46    | 14.36                 | 27.29                | 250            | Pass    |
| 11ac (VHT80)              | CH42    | 13.31                 | 21.43                | 250            | Pass    |

| U-NII-2A (5250 - 5350 MHz) |         |                       |                      |                |         |
|----------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                       | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                        | CH52    | 17.81                 | 60.39                | 250            | Pass    |
| 11a                        | CH60    | 17.95                 | 62.37                | 250            | Pass    |
| 11a                        | CH64    | 17.46                 | 55.72                | 250            | Pass    |
| 11n (HT20)                 | CH52    | 16.31                 | 42.76                | 250            | Pass    |
| 11n (HT20)                 | CH60    | 16.52                 | 44.87                | 250            | Pass    |
| 11n (HT20)                 | CH64    | 16.50                 | 44.67                | 250            | Pass    |
| 11n (HT40)                 | CH54    | 15.38                 | 34.51                | 250            | Pass    |
| 11n (HT40)                 | CH62    | 13.36                 | 21.68                | 250            | Pass    |
| 11ac (VHT20)               | CH52    | 15.81                 | 38.11                | 250            | Pass    |
| 11ac (VHT20)               | CH60    | 16.01                 | 39.90                | 250            | Pass    |
| 11ac (HVT20)               | CH64    | 16.09                 | 40.64                | 250            | Pass    |
| 11ac (VHT40)               | CH54    | 14.41                 | 27.61                | 250            | Pass    |
| 11ac (VHT40)               | CH62    | 13.37                 | 21.73                | 250            | Pass    |
| 11ac (VHT80)               | CH58    | 12.88                 | 19.41                | 250            | Pass    |

| U-NII-2C (5470 - 5725 MHz) |         |                       |                      |                |         |
|----------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                       | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                        | CH100   | 16.20                 | 41.69                | 250            | Pass    |
| 11a                        | CH116   | 17.78                 | 59.98                | 250            | Pass    |
| 11a                        | CH140   | 14.72                 | 29.65                | 250            | Pass    |
| 11a                        | CH144   | 17.46                 | 55.72                | 250            | Pass    |
| 11n (HT20)                 | CH100   | 16.29                 | 42.56                | 250            | Pass    |
| 11n (HT20)                 | CH116   | 16.47                 | 44.36                | 250            | Pass    |
| 11n (HT20)                 | CH140   | 14.63                 | 29.04                | 250            | Pass    |
| 11n (HT20)                 | CH144   | 16.38                 | 43.45                | 250            | Pass    |
| 11n (HT40)                 | CH102   | 12.73                 | 18.75                | 250            | Pass    |
| 11n (HT40)                 | CH118   | 15.34                 | 34.20                | 250            | Pass    |
| 11n (HT40)                 | CH134   | 15.39                 | 34.59                | 250            | Pass    |
| 11n (HT40)                 | CH142   | 15.35                 | 34.28                | 250            | Pass    |
| 11ac (VHT20)               | CH100   | 15.39                 | 34.59                | 250            | Pass    |
| 11ac (VHT20)               | CH116   | 15.93                 | 39.17                | 250            | Pass    |
| 11ac (VHT20)               | CH140   | 16.50                 | 44.67                | 250            | Pass    |
| 11ac (VHT20)               | CH144   | 15.40                 | 34.67                | 250            | Pass    |
| 11ac (VHT40)               | CH102   | 14.48                 | 28.05                | 250            | Pass    |
| 11ac (VHT40)               | CH118   | 14.45                 | 27.86                | 250            | Pass    |
| 11ac (VHT40)               | CH134   | 14.39                 | 27.48                | 250            | Pass    |
| 11ac (VHT40)               | CH142   | 14.36                 | 27.29                | 250            | Pass    |
| 11ac (VHT80)               | CH106   | 13.39                 | 21.83                | 250            | Pass    |
| 11ac (VHT80)               | CH122   | 13.45                 | 22.13                | 250            | Pass    |
| 11ac (VHT80)               | CH138   | 13.29                 | 21.33                | 250            | Pass    |

| U-NII-3 (5725 - 5850 MHz) |         |                       |                      |                |         |
|---------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                      | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                       | CH144   | 17.46                 | 55.72                | 1000           | Pass    |
| 11a                       | CH149   | 17.66                 | 58.34                | 1000           | Pass    |
| 11a                       | CH157   | 17.55                 | 56.89                | 1000           | Pass    |
| 11a                       | CH165   | 17.51                 | 56.36                | 1000           | Pass    |
| 11n (HT20)                | CH144   | 16.38                 | 43.45                | 1000           | Pass    |
| 11n (HT20)                | CH149   | 16.00                 | 39.81                | 1000           | Pass    |
| 11n (HT20)                | CH157   | 15.82                 | 38.19                | 1000           | Pass    |
| 11n (HT20)                | CH165   | 15.74                 | 37.50                | 1000           | Pass    |
| 11n (HT40)                | CH142   | 15.35                 | 34.28                | 1000           | Pass    |
| 11n (HT40)                | CH151   | 14.95                 | 31.26                | 1000           | Pass    |
| 11n (HT40)                | CH159   | 14.84                 | 30.48                | 1000           | Pass    |
| 11ac (VHT20)              | CH144   | 15.40                 | 34.67                | 1000           | Pass    |
| 11ac (VHT20)              | CH149   | 15.59                 | 36.22                | 1000           | Pass    |
| 11ac (VHT20)              | CH157   | 15.51                 | 35.56                | 1000           | Pass    |
| 11ac (VHT20)              | CH165   | 14.87                 | 30.69                | 1000           | Pass    |
| 11ac (VHT40)              | CH142   | 14.36                 | 27.29                | 1000           | Pass    |
| 11ac (VHT40)              | CH151   | 14.09                 | 25.64                | 1000           | Pass    |
| 11ac (VHT40)              | CH159   | 13.89                 | 24.49                | 1000           | Pass    |
| 11ac (VHT80)              | CH138   | 13.29                 | 21.33                | 1000           | Pass    |
| 11ac (VHT80)              | CH155   | 13.31                 | 21.43                | 1000           | Pass    |

## A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2150617-604 Data Part 1.pdf”.

### Test Data

| U-NII-1 (5150 - 5250 MHz) |         |                       |                     |
|---------------------------|---------|-----------------------|---------------------|
| Mode                      | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                       | CH36    | 16.61                 | 16.58               |
| 11a                       | CH44    | 16.84                 | 16.77               |
| 11a                       | CH48    | 16.85                 | 16.80               |
| 11n (HT20)                | CH36    | 17.70                 | 16.67               |
| 11n (HT20)                | CH44    | 17.73                 | 17.70               |
| 11n (HT20)                | CH48    | 17.72                 | 17.69               |
| 11n (HT40)                | CH38    | 36.13                 | 36.12               |
| 11n (HT40)                | CH46    | 36.15                 | 36.11               |
| 11ac (VHT20)              | CH36    | 17.68                 | 17.68               |
| 11ac (VHT20)              | CH44    | 17.68                 | 17.65               |
| 11ac (HVT20)              | CH48    | 17.67                 | 17.64               |
| 11ac (VHT40)              | CH38    | 36.00                 | 36.02               |
| 11ac (VHT40)              | CH46    | 36.05                 | 36.04               |
| 11ac (VHT80)              | CH42    | 75.24                 | 75.31               |

| U-NII-2A (5250 - 5350 MHz) |         |                       |                     |
|----------------------------|---------|-----------------------|---------------------|
| Mode                       | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                        | CH52    | 16.81                 | 16.75               |
| 11a                        | CH60    | 16.83                 | 16.80               |
| 11a                        | CH64    | 16.86                 | 16.81               |
| 11n (HT20)                 | CH52    | 17.70                 | 17.70               |
| 11n (HT20)                 | CH60    | 17.73                 | 17.69               |
| 11n (HT20)                 | CH64    | 17.73                 | 17.70               |
| 11n (HT40)                 | CH54    | 36.13                 | 36.14               |
| 11n (HT40)                 | CH62    | 36.12                 | 36.15               |
| 11ac (VHT20)               | CH52    | 17.67                 | 17.65               |
| 11ac (VHT20)               | CH60    | 17.69                 | 17.64               |
| 11ac (VHT20)               | CH64    | 17.68                 | 17.64               |
| 11ac (VHT40)               | CH54    | 36.05                 | 36.05               |
| 11ac (VHT40)               | CH62    | 36.01                 | 36.00               |
| 11ac (VHT80)               | CH58    | 75.26                 | 75.34               |

| U-NII-2C (5470 - 5725 MHz) |         |                       |                     |
|----------------------------|---------|-----------------------|---------------------|
| Mode                       | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                        | CH100   | 16.66                 | 16.66               |
| 11a                        | CH116   | 16.93                 | 16.81               |
| 11a                        | CH140   | 16.59                 | 16.56               |
| 11a                        | CH144   | 16.81                 | 16.76               |
| 11n (HT20)                 | CH100   | 17.77                 | 17.72               |
| 11n (HT20)                 | CH116   | 17.73                 | 17.71               |
| 11n (HT20)                 | CH140   | 17.64                 | 17.63               |
| 11n (HT20)                 | CH144   | 17.72                 | 17.69               |
| 11n (HT40)                 | CH102   | 36.07                 | 36.06               |
| 11n (HT40)                 | CH118   | 36.13                 | 36.14               |
| 11n (HT40)                 | CH134   | 36.14                 | 36.14               |
| 11n (HT40)                 | CH142   | 36.16                 | 36.17               |
| 11ac (VHT20)               | CH100   | 17.71                 | 17.69               |
| 11ac (VHT20)               | CH116   | 17.66                 | 17.63               |
| 11ac (VHT20)               | CH140   | 17.69                 | 17.64               |
| 11ac (VHT20)               | CH144   | 17.68                 | 17.67               |
| 11ac (VHT40)               | CH102   | 36.11                 | 36.02               |
| 11ac (VHT40)               | CH118   | 36.10                 | 36.06               |
| 11ac (VHT40)               | CH134   | 36.06                 | 36.03               |
| 11ac (VHT40)               | CH142   | 36.08                 | 36.01               |
| 11ac (VHT80)               | CH106   | 75.28                 | 75.33               |
| 11ac (VHT80)               | CH122   | 75.31                 | 75.31               |
| 11ac (VHT80)               | CH138   | 75.20                 | 75.25               |

| U-NII-3 (5725 - 5850 MHz) |         |                       |                     |
|---------------------------|---------|-----------------------|---------------------|
| Mode                      | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                       | CH149   | 16.60                 | 16.57               |
| 11a                       | CH157   | 16.63                 | 16.58               |
| 11a                       | CH165   | 16.59                 | 16.57               |
| 11n (HT20)                | CH149   | 17.67                 | 16.68               |
| 11n (HT20)                | CH157   | 17.72                 | 17.68               |
| 11n (HT20)                | CH165   | 17.67                 | 17.66               |
| 11n (HT40)                | CH151   | 36.12                 | 36.11               |
| 11n (HT40)                | CH159   | 36.10                 | 36.02               |
| 11ac (VHT20)              | CH149   | 17.67                 | 17.64               |
| 11ac (VHT20)              | CH157   | 17.69                 | 17.66               |
| 11ac (VHT20)              | CH165   | 17.67                 | 17.64               |
| 11ac (VHT40)              | CH151   | 35.66                 | 36.00               |
| 11ac (VHT40)              | CH159   | 36.07                 | 36.09               |
| 11ac (VHT80)              | CH155   | 75.34                 | 75.34               |

### A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2150617-604 Data Part 2.pdf”.

#### Test Data

| U-NII-3 (5725 - 5850 MHz) |         |                      |             |         |
|---------------------------|---------|----------------------|-------------|---------|
| Mode                      | Channel | 6 dB Bandwidth (MHz) | Limit (kHz) | Verdict |
| 11a                       | CH149   | 15.27                | 500.00      | Pass    |
| 11a                       | CH157   | 15.12                | 500.00      | Pass    |
| 11a                       | CH165   | 15.22                | 500.00      | Pass    |
| 11n (HT20)                | CH149   | 15.12                | 500.00      | Pass    |
| 11n (HT20)                | CH157   | 15.07                | 500.00      | Pass    |
| 11n (HT20)                | CH165   | 15.17                | 500.00      | Pass    |
| 11n (HT40)                | CH151   | 35.07                | 500.00      | Pass    |
| 11n (HT40)                | CH159   | 35.12                | 500.00      | Pass    |
| 11ac (VHT20)              | CH149   | 15.17                | 500.00      | Pass    |
| 11ac (VHT20)              | CH157   | 15.17                | 500.00      | Pass    |
| 11ac (VHT20)              | CH165   | 15.22                | 500.00      | Pass    |
| 11ac (VHT40)              | CH151   | 35.22                | 500.00      | Pass    |
| 11ac (VHT40)              | CH159   | 35.17                | 500.00      | Pass    |
| 11ac (VHT80)              | CH155   | 75.22                | 500.00      | Pass    |

## A.4 Power Spectral Density

Note <sup>1</sup>: Test plots please refer to the document “Annex No.: BL-SZ2150617-604 Data Part 3.pdf”.

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

### Test Data

| U-NII-1 (5150 - 5250 MHz) |         |               |                 |         |
|---------------------------|---------|---------------|-----------------|---------|
| Mode                      | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                       | CH36    | 5.84          | 11.00           | Pass    |
| 11a                       | CH44    | 7.50          | 11.00           | Pass    |
| 11a                       | CH48    | 7.54          | 11.00           | Pass    |
| 11n (HT20)                | CH36    | 5.36          | 11.00           | Pass    |
| 11n (HT20)                | CH44    | 5.77          | 11.00           | Pass    |
| 11n (HT20)                | CH48    | 5.83          | 11.00           | Pass    |
| 11n (HT40)                | CH38    | 1.44          | 11.00           | Pass    |
| 11n (HT40)                | CH46    | 0.94          | 11.00           | Pass    |
| 11ac (VHT20)              | CH36    | 4.85          | 11.00           | Pass    |
| 11ac (VHT20)              | CH44    | 5.28          | 11.00           | Pass    |
| 11ac (VHT20)              | CH48    | 5.46          | 11.00           | Pass    |
| 11ac (VHT40)              | CH38    | 0.11          | 11.00           | Pass    |
| 11ac (VHT40)              | CH46    | 0.65          | 11.00           | Pass    |
| 11ac (VHT80)              | CH42    | -4.27         | 11.00           | Pass    |

| U-NII-2A (5250 - 5350 MHz) |         |               |                 |         |
|----------------------------|---------|---------------|-----------------|---------|
| Mode                       | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                        | CH52    | 7.33          | 11.00           | Pass    |
| 11a                        | CH60    | 7.71          | 11.00           | Pass    |
| 11a                        | CH64    | 7.58          | 11.00           | Pass    |
| 11n (HT20)                 | CH52    | 5.81          | 11.00           | Pass    |
| 11n (HT20)                 | CH60    | 6.23          | 11.00           | Pass    |
| 11n (HT20)                 | CH64    | 6.11          | 11.00           | Pass    |
| 11n (HT40)                 | CH54    | 1.81          | 11.00           | Pass    |
| 11n (HT40)                 | CH62    | 0.67          | 11.00           | Pass    |
| 11ac (VHT20)               | CH52    | 5.26          | 11.00           | Pass    |
| 11ac (VHT20)               | CH60    | 5.70          | 11.00           | Pass    |
| 11ac (VHT20)               | CH64    | 5.50          | 11.00           | Pass    |
| 11ac (VHT40)               | CH54    | 0.89          | 11.00           | Pass    |
| 11ac (VHT40)               | CH62    | 0.61          | 11.00           | Pass    |
| 11ac (VHT80)               | CH58    | -3.36         | 11.00           | Pass    |

| U-NII-2C (5470 - 5725 MHz) |         |               |                 |         |
|----------------------------|---------|---------------|-----------------|---------|
| Mode                       | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                        | CH100   | 6.47          | 11.00           | Pass    |
| 11a                        | CH116   | 7.07          | 11.00           | Pass    |
| 11a                        | CH140   | 4.45          | 11.00           | Pass    |
| 11a                        | CH144   | 7.38          | 11.00           | Pass    |
| 11n (HT20)                 | CH100   | 6.96          | 11.00           | Pass    |
| 11n (HT20)                 | CH116   | 5.88          | 11.00           | Pass    |
| 11n (HT20)                 | CH140   | 4.18          | 11.00           | Pass    |
| 11n (HT20)                 | CH144   | 5.81          | 11.00           | Pass    |
| 11n (HT40)                 | CH102   | -0.74         | 11.00           | Pass    |
| 11n (HT40)                 | CH118   | 1.30          | 11.00           | Pass    |
| 11n (HT40)                 | CH134   | 1.41          | 11.00           | Pass    |
| 11n (HT40)                 | CH142   | 1.26          | 11.00           | Pass    |
| 11ac (VHT20)               | CH100   | 4.69          | 11.00           | Pass    |
| 11ac (VHT20)               | CH116   | 5.36          | 11.00           | Pass    |
| 11ac (VHT20)               | CH140   | 4.40          | 11.00           | Pass    |
| 11ac (VHT20)               | CH144   | 4.83          | 11.00           | Pass    |
| 11ac (VHT40)               | CH102   | 0.20          | 11.00           | Pass    |
| 11ac (VHT40)               | CH118   | 1.04          | 11.00           | Pass    |
| 11ac (VHT40)               | CH134   | 0.46          | 11.00           | Pass    |
| 11ac (VHT40)               | CH142   | 0.13          | 11.00           | Pass    |
| 11ac (VHT80)               | CH106   | -3.75         | 11.00           | Pass    |
| 11ac (VHT80)               | CH122   | -4.02         | 11.00           | Pass    |
| 11ac (VHT80)               | CH138   | -3.91         | 11.00           | Pass    |

| U-NII-3 (5725 - 5850 MHz) |         |                  |                    |         |
|---------------------------|---------|------------------|--------------------|---------|
| Mode                      | Channel | PSD (dBm/500kHz) | Limit (dBm/500kHz) | Verdict |
| 11a                       | CH144   | 4.26             | 30.00              | Pass    |
| 11a                       | CH149   | 4.46             | 30.00              | Pass    |
| 11a                       | CH157   | 3.78             | 30.00              | Pass    |
| 11a                       | CH165   | 5.03             | 30.00              | Pass    |
| 11n (HT20)                | CH144   | 2.88             | 30.00              | Pass    |
| 11n (HT20)                | CH149   | 3.13             | 30.00              | Pass    |
| 11n (HT20)                | CH157   | 2.42             | 30.00              | Pass    |
| 11n (HT20)                | CH165   | 3.26             | 30.00              | Pass    |
| 11n (HT40)                | CH142   | -0.61            | 30.00              | Pass    |
| 11n (HT40)                | CH151   | -1.94            | 30.00              | Pass    |
| 11n (HT40)                | CH159   | -1.81            | 30.00              | Pass    |
| 11ac (VHT20)              | CH144   | 2.44             | 30.00              | Pass    |
| 11ac (VHT20)              | CH149   | 2.73             | 30.00              | Pass    |
| 11ac (VHT20)              | CH157   | 2.02             | 30.00              | Pass    |
| 11ac (VHT20)              | CH165   | 2.67             | 30.00              | Pass    |
| 11ac (VHT40)              | CH142   | -2.22            | 30.00              | Pass    |
| 11ac (VHT40)              | CH151   | -1.83            | 30.00              | Pass    |
| 11ac (VHT40)              | CH159   | -2.14            | 30.00              | Pass    |
| 11ac (VHT80)              | CH138   | -7.07            | 30.00              | Pass    |
| 11ac (VHT80)              | CH155   | -7.07            | 30.00              | Pass    |

## A.5 Conducted Emissions

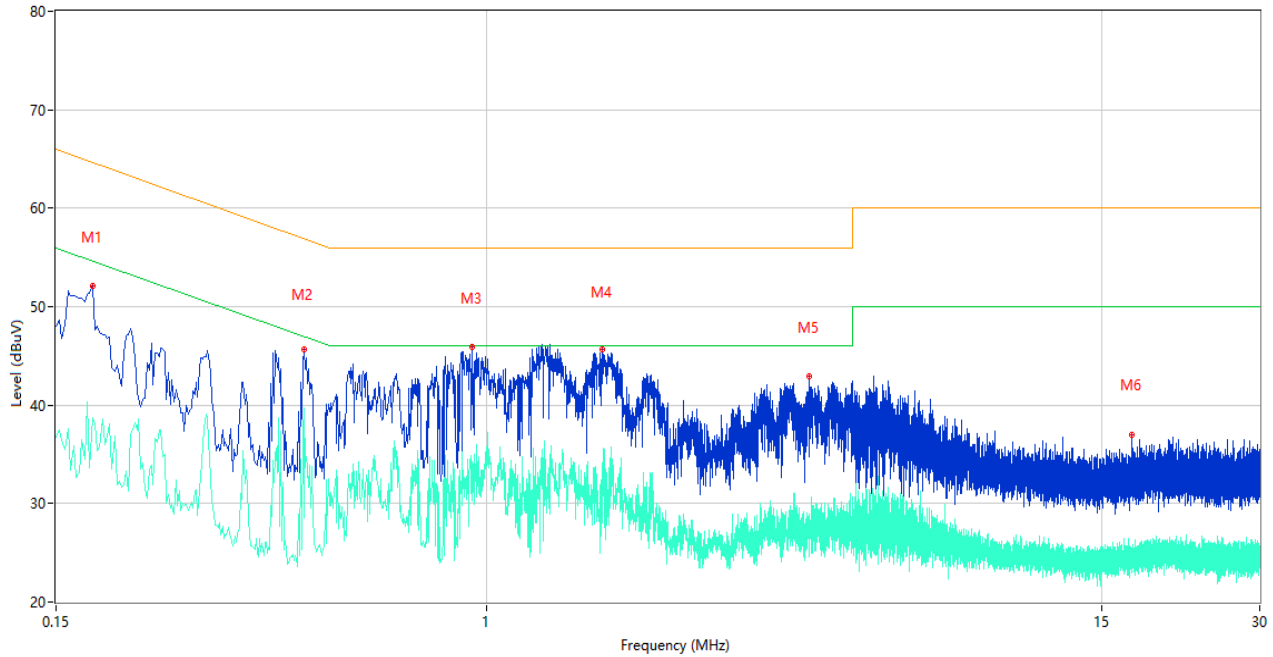
Note <sup>1</sup>: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

### Test Data and Plots

#### PHASE L

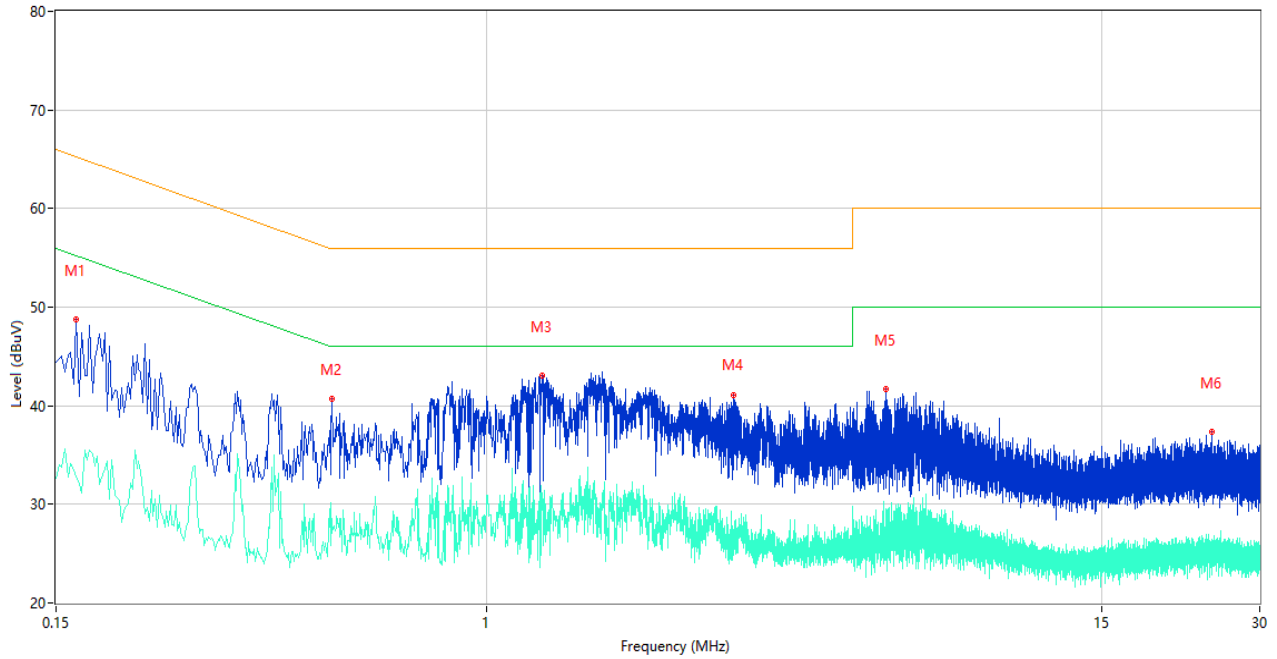
CE Test case\_FCC\_CE\_FCC PART 15B\_Class B



| No. | Frequency (MHz) | Results (dBUV) | Factor (dB) | Limit (dBUV) | Over Limit (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-----------------|----------|------|---------|
| 1   | 0.176           | 52.10          | 10.39       | 64.67        | -12.57          | Peak     | L    | Pass    |
| 1** | 0.176           | 38.73          | 10.39       | 54.67        | -15.94          | AV       | L    | Pass    |
| 2   | 0.448           | 45.65          | 10.30       | 56.91        | -11.26          | Peak     | L    | Pass    |
| 2** | 0.448           | 39.65          | 10.30       | 46.91        | -7.26           | AV       | L    | Pass    |
| 3   | 0.938           | 45.86          | 10.24       | 56.00        | -10.14          | Peak     | L    | Pass    |
| 3** | 0.938           | 34.25          | 10.24       | 46.00        | -11.75          | AV       | L    | Pass    |
| 4   | 1.664           | 45.69          | 10.26       | 56.00        | -10.31          | Peak     | L    | Pass    |
| 4** | 1.664           | 34.14          | 10.26       | 46.00        | -11.86          | AV       | L    | Pass    |
| 5   | 4.126           | 42.95          | 10.31       | 56.00        | -13.05          | Peak     | L    | Pass    |
| 5** | 4.126           | 28.47          | 10.31       | 46.00        | -17.53          | AV       | L    | Pass    |
| 6   | 17.058          | 37.04          | 10.46       | 60.00        | -22.96          | Peak     | L    | Pass    |
| 6** | 17.058          | 25.15          | 10.46       | 50.00        | -24.85          | AV       | L    | Pass    |

## PHASE N

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



| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Over Limit (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-----------------|----------|------|---------|
| 1   | 0.164           | 48.81          | 10.40       | 65.26        | -16.45          | Peak     | N    | Pass    |
| 1** | 0.164           | 32.71          | 10.40       | 55.26        | -22.55          | AV       | N    | Pass    |
| 2   | 0.506           | 40.65          | 10.30       | 56.00        | -15.35          | Peak     | N    | Pass    |
| 2** | 0.506           | 27.11          | 10.30       | 46.00        | -18.89          | AV       | N    | Pass    |
| 3   | 1.274           | 43.05          | 10.25       | 56.00        | -12.95          | Peak     | N    | Pass    |
| 3** | 1.274           | 31.19          | 10.25       | 46.00        | -14.81          | AV       | N    | Pass    |
| 4   | 2.960           | 41.10          | 10.28       | 56.00        | -14.90          | Peak     | N    | Pass    |
| 4** | 2.960           | 27.39          | 10.28       | 46.00        | -18.61          | AV       | N    | Pass    |
| 5   | 5.800           | 41.70          | 10.32       | 60.00        | -18.30          | Peak     | N    | Pass    |
| 5** | 5.800           | 27.25          | 10.32       | 50.00        | -22.75          | AV       | N    | Pass    |
| 6   | 24.312          | 37.33          | 10.64       | 60.00        | -22.67          | Peak     | N    | Pass    |
| 6** | 24.312          | 25.26          | 10.64       | 50.00        | -24.74          | AV       | N    | Pass    |

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

### Test Data

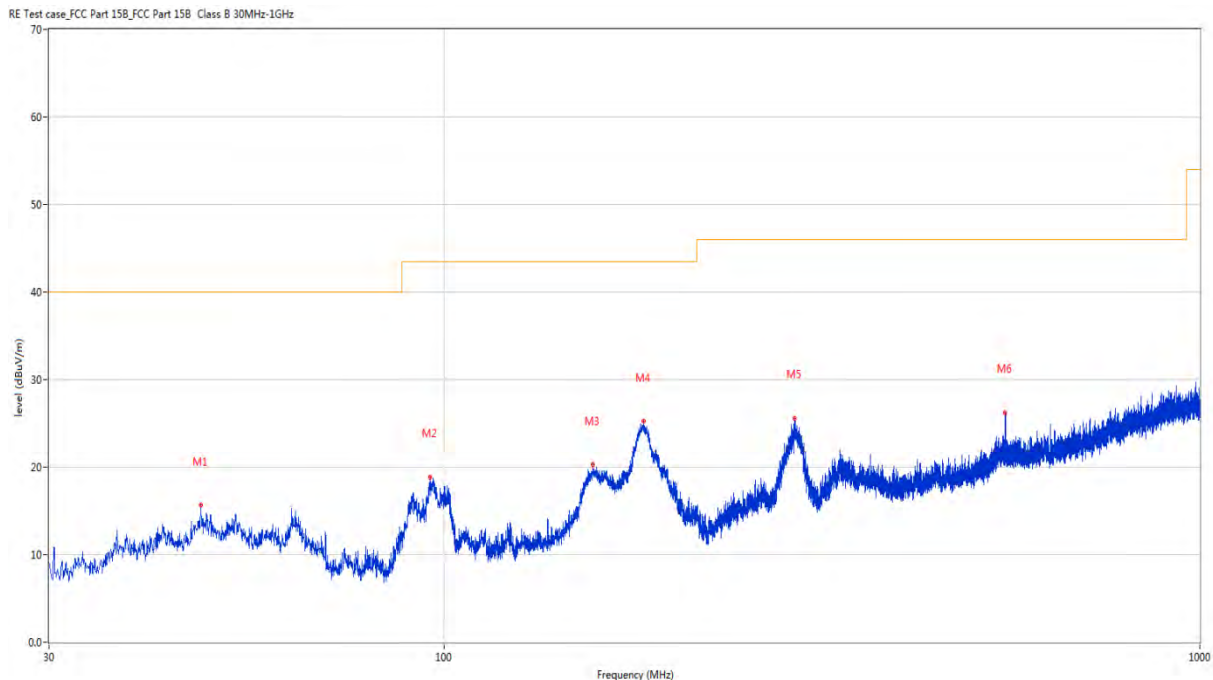
Note<sup>1</sup>: The symbol of “--” in the table which means not application.

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

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

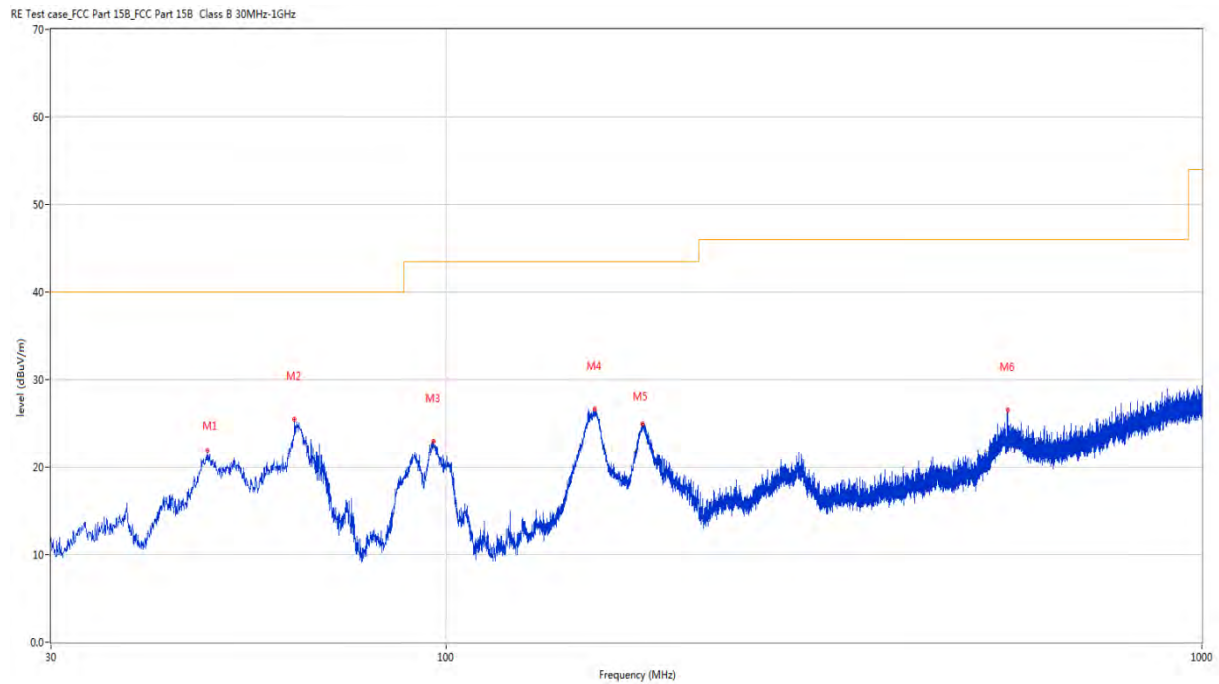
Note<sup>4</sup>: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

### 30 MHz to 1 GHz, ANT H



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 47.654          | 15.64            | -22.72      | 40.0           | -24.36          | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 2   | 95.717          | 18.88            | -24.79      | 43.5           | -24.62          | Peak     | 290.30         | 200         | Horizontal | Pass    |
| 3   | 157.264         | 20.27            | -27.59      | 43.5           | -23.23          | Peak     | 39.80          | 200         | Horizontal | Pass    |
| 4   | 183.600         | 25.23            | -25.30      | 43.5           | -18.27          | Peak     | 95.50          | 200         | Horizontal | Pass    |
| 5   | 290.978         | 25.58            | -21.62      | 46.0           | -20.42          | Peak     | 101.90         | 100         | Horizontal | Pass    |
| 6   | 552.976         | 26.22            | -15.59      | 46.0           | -19.78          | Peak     | 307.10         | 200         | Horizontal | Pass    |

## 30 MHz to 1 GHz, ANT V



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 48.285          | 21.92            | -22.58      | 40.0           | -18.08          | Peak     | 157.00         | 100         | Vertical | Pass    |
| 2   | 62.980          | 25.45            | -24.77      | 40.0           | -14.55          | Peak     | 97.10          | 100         | Vertical | Pass    |
| 3   | 96.154          | 22.99            | -24.75      | 43.5           | -20.51          | Peak     | 16.50          | 100         | Vertical | Pass    |
| 4   | 157.264         | 26.64            | -27.59      | 43.5           | -16.86          | Peak     | 264.60         | 100         | Vertical | Pass    |
| 5   | 181.950         | 24.95            | -25.62      | 43.5           | -18.55          | Peak     | 67.40          | 100         | Vertical | Pass    |
| 6   | 553.024         | 26.57            | -15.59      | 46.0           | -19.43          | Peak     | 12.30          | 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   | 1004.800        | 35.01            | -18.19      | 74.0           | -38.99          | Peak     | 280.00         | 150         | Horizontal | Pass    |
| 1** | 1004.800        | 28.07            | -18.19      | 54.0           | -25.93          | AV       | 280.00         | 150         | Horizontal | Pass    |
| 2   | 1581.600        | 38.96            | -17.55      | 74.0           | -35.04          | Peak     | 146.00         | 150         | Horizontal | Pass    |
| 2** | 1581.600        | 30.27            | -17.55      | 54.0           | -23.73          | AV       | 146.00         | 150         | Horizontal | Pass    |
| 3   | 4267.600        | 48.63            | -4.81       | 74.0           | -25.37          | Peak     | 340.00         | 150         | Horizontal | Pass    |
| 3** | 4267.600        | 38.69            | -4.81       | 54.0           | -15.31          | AV       | 340.00         | 150         | Horizontal | Pass    |
| 4   | 5179.000        | 107.79           | -3.15       | --             | --              | Peak     | 172.00         | 150         | Horizontal | N/A     |
| 4** | 5179.000        | 100.82           | -3.15       | --             | --              | AV       | 172.00         | 150         | Horizontal | N/A     |
| 5   | 7576.437        | 49.19            | -2.14       | 74.0           | -24.81          | Peak     | 307.00         | 150         | Horizontal | Pass    |
| 5** | 7576.437        | 39.36            | -2.14       | 54.0           | -14.64          | AV       | 307.00         | 150         | Horizontal | Pass    |
| 6   | 11688.549       | 51.48            | 2.40        | 74.0           | -22.52          | Peak     | 280.00         | 150         | Horizontal | Pass    |
| 6** | 11688.549       | 41.73            | 2.40        | 54.0           | -12.27          | AV       | 280.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1095.700        | 37.78            | -18.58      | 74.0           | -36.22          | Peak     | 131.00         | 150         | Vertical | Pass    |
| 1** | 1095.700        | 27.80            | -18.58      | 54.0           | -26.20          | AV       | 131.00         | 150         | Vertical | Pass    |
| 2   | 1601.600        | 39.11            | -17.75      | 74.0           | -34.89          | Peak     | 198.00         | 150         | Vertical | Pass    |
| 2** | 1601.600        | 29.88            | -17.75      | 54.0           | -24.12          | AV       | 198.00         | 150         | Vertical | Pass    |
| 3   | 4311.400        | 49.51            | -5.00       | 74.0           | -24.49          | Peak     | 62.00          | 150         | Vertical | Pass    |
| 3** | 4311.400        | 39.33            | -5.00       | 54.0           | -14.67          | AV       | 62.00          | 150         | Vertical | Pass    |
| 4   | 5178.200        | 100.03           | -3.14       | --             | --              | Peak     | 193.00         | 150         | Vertical | N/A     |
| 4** | 5178.200        | 92.37            | -3.14       | --             | --              | AV       | 193.00         | 150         | Vertical | N/A     |
| 5   | 7409.688        | 49.83            | -1.76       | 74.0           | -24.17          | Peak     | 116.00         | 150         | Vertical | Pass    |
| 5** | 7409.688        | 41.03            | -1.76       | 54.0           | -12.97          | AV       | 116.00         | 150         | Vertical | Pass    |
| 6   | 11681.937       | 50.82            | 2.43        | 74.0           | -23.18          | Peak     | 235.00         | 150         | Vertical | Pass    |
| 6** | 11681.937       | 42.56            | 2.43        | 54.0           | -11.44          | AV       | 235.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1142.400        | 37.83            | -18.38      | 74.0           | -36.17          | Peak     | 64.00          | 150         | Horizontal | Pass    |
| 1** | 1142.400        | 28.08            | -18.38      | 54.0           | -25.92          | AV       | 64.00          | 150         | Horizontal | Pass    |
| 2   | 1521.900        | 38.73            | -17.67      | 74.0           | -35.27          | Peak     | 42.00          | 150         | Horizontal | Pass    |
| 2** | 1521.900        | 29.98            | -17.67      | 54.0           | -24.02          | AV       | 42.00          | 150         | Horizontal | Pass    |
| 3   | 4090.000        | 48.63            | -5.03       | 74.0           | -25.37          | Peak     | 289.00         | 150         | Horizontal | Pass    |
| 3** | 4090.000        | 39.30            | -5.03       | 54.0           | -14.70          | AV       | 289.00         | 150         | Horizontal | Pass    |
| 4   | 5221.200        | 108.87           | -3.42       | --             | --              | Peak     | 208.00         | 150         | Horizontal | N/A     |
| 4** | 5221.200        | 101.13           | -3.42       | --             | --              | AV       | 208.00         | 150         | Horizontal | N/A     |
| 5   | 7406.813        | 49.45            | -1.73       | 74.0           | -24.55          | Peak     | 326.00         | 150         | Horizontal | Pass    |
| 5** | 7406.813        | 39.80            | -1.73       | 54.0           | -14.20          | AV       | 326.00         | 150         | Horizontal | Pass    |
| 6   | 11666.125       | 50.85            | 2.49        | 74.0           | -23.15          | Peak     | 76.00          | 150         | Horizontal | Pass    |
| 6** | 11666.125       | 42.31            | 2.49        | 54.0           | -11.69          | AV       | 76.00          | 150         | 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   | 1100.300        | 37.27            | -18.48      | 74.0           | -36.73          | Peak     | 120.00         | 150         | Vertical | Pass    |
| 1** | 1100.300        | 27.21            | -18.48      | 54.0           | -26.79          | AV       | 120.00         | 150         | Vertical | Pass    |
| 2   | 1463.300        | 39.11            | -17.69      | 74.0           | -34.89          | Peak     | 109.00         | 150         | Vertical | Pass    |
| 2** | 1463.300        | 29.62            | -17.69      | 54.0           | -24.38          | AV       | 109.00         | 150         | Vertical | Pass    |
| 3   | 4280.000        | 48.73            | -4.82       | 74.0           | -25.27          | Peak     | 300.00         | 150         | Vertical | Pass    |
| 3** | 4280.000        | 38.76            | -4.82       | 54.0           | -15.24          | AV       | 300.00         | 150         | Vertical | Pass    |
| 4   | 5221.800        | 100.45           | -3.43       | --             | --              | Peak     | 191.00         | 150         | Vertical | N/A     |
| 4** | 5221.800        | 92.89            | -3.43       | --             | --              | AV       | 191.00         | 150         | Vertical | N/A     |
| 5   | 7407.100        | 49.82            | -1.73       | 74.0           | -24.18          | Peak     | 316.00         | 150         | Vertical | Pass    |
| 5** | 7407.100        | 40.04            | -1.73       | 54.0           | -13.96          | AV       | 316.00         | 150         | Vertical | Pass    |
| 6   | 11664.400       | 50.98            | 2.50        | 74.0           | -23.02          | Peak     | 17.00          | 150         | Vertical | Pass    |
| 6** | 11664.400       | 41.89            | 2.50        | 54.0           | -12.11          | AV       | 17.00          | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1187.200        | 37.86            | -18.31      | 74.0           | -36.14          | Peak     | 201.00         | 150         | Horizontal | Pass    |
| 1** | 1187.200        | 28.77            | -18.31      | 54.0           | -25.23          | AV       | 201.00         | 150         | Horizontal | Pass    |
| 2   | 1453.100        | 39.16            | -17.62      | 74.0           | -34.84          | Peak     | 124.00         | 150         | Horizontal | Pass    |
| 2** | 1453.100        | 29.07            | -17.62      | 54.0           | -24.93          | AV       | 124.00         | 150         | Horizontal | Pass    |
| 3   | 4314.800        | 49.24            | -5.03       | 74.0           | -24.76          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 3** | 4314.800        | 40.27            | -5.03       | 54.0           | -13.73          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 4   | 5241.200        | 109.11           | -3.70       | --             | --              | Peak     | 210.00         | 150         | Horizontal | N/A     |
| 4** | 5241.200        | 101.65           | -3.70       | --             | --              | AV       | 210.00         | 150         | Horizontal | N/A     |
| 5   | 7405.663        | 48.64            | -1.74       | 74.0           | -25.36          | Peak     | 234.00         | 150         | Horizontal | Pass    |
| 5** | 7405.663        | 39.81            | -1.74       | 54.0           | -14.19          | AV       | 234.00         | 150         | Horizontal | Pass    |
| 6   | 11696.600       | 50.79            | 2.33        | 74.0           | -23.21          | Peak     | 112.00         | 150         | Horizontal | Pass    |
| 6** | 11696.600       | 42.08            | 2.33        | 54.0           | -11.92          | AV       | 112.00         | 150         | 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   | 1045.800        | 37.52            | -18.43      | 74.0           | -36.48          | Peak     | 285.00         | 150         | Vertical | Pass    |
| 1** | 1045.800        | 27.82            | -18.43      | 54.0           | -26.18          | AV       | 285.00         | 150         | Vertical | Pass    |
| 2   | 1467.900        | 38.85            | -17.69      | 74.0           | -35.15          | Peak     | 81.00          | 150         | Vertical | Pass    |
| 2** | 1467.900        | 29.58            | -17.69      | 54.0           | -24.42          | AV       | 81.00          | 150         | Vertical | Pass    |
| 3   | 4249.600        | 48.65            | -4.72       | 74.0           | -25.35          | Peak     | 210.00         | 150         | Vertical | Pass    |
| 3** | 4249.600        | 40.10            | -4.72       | 54.0           | -13.90          | AV       | 210.00         | 150         | Vertical | Pass    |
| 4   | 5241.800        | 100.19           | -3.71       | --             | --              | Peak     | 188.00         | 150         | Vertical | N/A     |
| 4** | 5241.800        | 93.21            | -3.71       | --             | --              | AV       | 188.00         | 150         | Vertical | N/A     |
| 5   | 7426.075        | 49.09            | -2.12       | 74.0           | -24.91          | Peak     | 178.00         | 150         | Vertical | Pass    |
| 5** | 7426.075        | 39.54            | -2.12       | 54.0           | -14.46          | AV       | 178.00         | 150         | Vertical | Pass    |
| 6   | 11690.849       | 51.15            | 2.38        | 74.0           | -22.85          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 6** | 11690.849       | 41.45            | 2.38        | 54.0           | -12.55          | AV       | 0.00           | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1139.800        | 38.24            | -18.36      | 74.0           | -35.76          | Peak     | 308.00         | 150         | Horizontal | Pass    |
| 1** | 1139.800        | 27.73            | -18.36      | 54.0           | -26.27          | AV       | 308.00         | 150         | Horizontal | Pass    |
| 2   | 1479.900        | 38.75            | -17.76      | 74.0           | -35.25          | Peak     | 341.00         | 150         | Horizontal | Pass    |
| 2** | 1479.900        | 29.28            | -17.76      | 54.0           | -24.72          | AV       | 341.00         | 150         | Horizontal | Pass    |
| 3   | 4076.600        | 49.46            | -5.23       | 74.0           | -24.54          | Peak     | 47.00          | 150         | Horizontal | Pass    |
| 3** | 4076.600        | 39.02            | -5.23       | 54.0           | -14.98          | AV       | 47.00          | 150         | Horizontal | Pass    |
| 4   | 5179.200        | 106.56           | -3.15       | --             | --              | Peak     | 210.00         | 150         | Horizontal | N/A     |
| 4** | 5179.200        | 99.46            | -3.15       | --             | --              | AV       | 210.00         | 150         | Horizontal | N/A     |
| 5   | 7409.400        | 48.83            | -1.75       | 74.0           | -25.17          | Peak     | 28.00          | 150         | Horizontal | Pass    |
| 5** | 7409.400        | 40.39            | -1.75       | 54.0           | -13.61          | AV       | 28.00          | 150         | Horizontal | Pass    |
| 6   | 11681.937       | 51.00            | 2.43        | 74.0           | -23.00          | Peak     | 355.00         | 150         | Horizontal | Pass    |
| 6** | 11681.937       | 41.83            | 2.43        | 54.0           | -12.17          | AV       | 355.00         | 150         | 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   | 1106.700        | 37.47            | -18.39      | 74.0           | -36.53          | Peak     | 270.00         | 150         | Vertical | Pass    |
| 1** | 1106.700        | 28.38            | -18.39      | 54.0           | -25.62          | AV       | 270.00         | 150         | Vertical | Pass    |
| 2   | 1555.300        | 39.01            | -17.77      | 74.0           | -34.99          | Peak     | 159.00         | 150         | Vertical | Pass    |
| 2** | 1555.300        | 29.44            | -17.77      | 54.0           | -24.56          | AV       | 159.00         | 150         | Vertical | Pass    |
| 3   | 4229.800        | 49.31            | -4.95       | 74.0           | -24.69          | Peak     | 129.00         | 150         | Vertical | Pass    |
| 3** | 4229.800        | 38.97            | -4.95       | 54.0           | -15.03          | AV       | 129.00         | 150         | Vertical | Pass    |
| 4   | 5177.400        | 97.56            | -3.15       | --             | --              | Peak     | 203.00         | 150         | Vertical | N/A     |
| 4** | 5177.400        | 89.88            | -3.15       | --             | --              | AV       | 203.00         | 150         | Vertical | N/A     |
| 5   | 7394.737        | 49.32            | -1.59       | 74.0           | -24.68          | Peak     | 223.00         | 150         | Vertical | Pass    |
| 5** | 7394.737        | 40.40            | -1.59       | 54.0           | -13.60          | AV       | 223.00         | 150         | Vertical | Pass    |
| 6   | 11687.687       | 50.84            | 2.40        | 74.0           | -23.16          | Peak     | 289.00         | 150         | Vertical | Pass    |
| 6** | 11687.687       | 41.78            | 2.40        | 54.0           | -12.22          | AV       | 289.00         | 150         | 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   | 1148.500        | 38.02            | -18.39      | 74.0           | -35.98          | Peak     | 140.00         | 150         | Horizontal | Pass    |
| 1** | 1148.500        | 28.37            | -18.39      | 54.0           | -25.63          | AV       | 140.00         | 150         | Horizontal | Pass    |
| 2   | 1544.400        | 39.10            | -17.79      | 74.0           | -34.90          | Peak     | 84.00          | 150         | Horizontal | Pass    |
| 2** | 1544.400        | 29.34            | -17.79      | 54.0           | -24.66          | AV       | 84.00          | 150         | Horizontal | Pass    |
| 3   | 4845.600        | 50.70            | -3.51       | 74.0           | -23.30          | Peak     | 160.00         | 150         | Horizontal | Pass    |
| 3** | 4845.600        | 40.71            | -3.51       | 54.0           | -13.29          | AV       | 160.00         | 150         | Horizontal | Pass    |
| 4   | 5218.600        | 107.63           | -3.47       | --             | --              | Peak     | 211.00         | 150         | Horizontal | N/A     |
| 4** | 5218.600        | 99.43            | -3.47       | --             | --              | AV       | 211.00         | 150         | Horizontal | N/A     |
| 5   | 7408.538        | 50.16            | -1.74       | 74.0           | -23.84          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 5** | 7408.538        | 40.11            | -1.74       | 54.0           | -13.89          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 6   | 11685.100       | 50.49            | 2.42        | 74.0           | -23.51          | Peak     | 252.00         | 150         | Horizontal | Pass    |
| 6** | 11685.100       | 42.31            | 2.42        | 54.0           | -11.69          | AV       | 252.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1095.000        | 37.33            | -18.57      | 74.0           | -36.67          | Peak     | 124.00         | 150         | Vertical | Pass    |
| 1** | 1095.000        | 28.14            | -18.57      | 54.0           | -25.86          | AV       | 124.00         | 150         | Vertical | Pass    |
| 2   | 1490.000        | 38.59            | -17.72      | 74.0           | -35.41          | Peak     | 185.00         | 150         | Vertical | Pass    |
| 2** | 1490.000        | 29.67            | -17.72      | 54.0           | -24.33          | AV       | 185.00         | 150         | Vertical | Pass    |
| 3   | 4017.800        | 48.79            | -5.77       | 74.0           | -25.21          | Peak     | 328.00         | 150         | Vertical | Pass    |
| 3** | 4017.800        | 38.42            | -5.77       | 54.0           | -15.58          | AV       | 328.00         | 150         | Vertical | Pass    |
| 4   | 5219.000        | 98.65            | -3.48       | --             | --              | Peak     | 188.00         | 150         | Vertical | N/A     |
| 4** | 5219.000        | 91.43            | -3.48       | --             | --              | AV       | 188.00         | 150         | Vertical | N/A     |
| 5   | 7418.025        | 49.38            | -2.02       | 74.0           | -24.62          | Peak     | 345.00         | 150         | Vertical | Pass    |
| 5** | 7418.025        | 39.20            | -2.02       | 54.0           | -14.80          | AV       | 345.00         | 150         | Vertical | Pass    |
| 6   | 11694.588       | 50.64            | 2.35        | 74.0           | -23.36          | Peak     | 64.00          | 150         | Vertical | Pass    |
| 6** | 11694.588       | 41.61            | 2.35        | 54.0           | -12.39          | AV       | 64.00          | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1162.200        | 37.28            | -18.41      | 74.0           | -36.72          | Peak     | 272.00         | 150         | Horizontal | Pass    |
| 1** | 1162.200        | 27.63            | -18.41      | 54.0           | -26.37          | AV       | 272.00         | 150         | Horizontal | Pass    |
| 2   | 1509.400        | 38.81            | -17.81      | 74.0           | -35.19          | Peak     | 30.00          | 150         | Horizontal | Pass    |
| 2** | 1509.400        | 29.11            | -17.81      | 54.0           | -24.89          | AV       | 30.00          | 150         | Horizontal | Pass    |
| 3   | 4194.400        | 49.33            | -5.29       | 74.0           | -24.67          | Peak     | 194.00         | 150         | Horizontal | Pass    |
| 3** | 4194.400        | 39.87            | -5.29       | 54.0           | -14.13          | AV       | 194.00         | 150         | Horizontal | Pass    |
| 4   | 5238.200        | 106.15           | -3.65       | --             | --              | Peak     | 186.00         | 150         | Horizontal | N/A     |
| 4** | 5238.200        | 98.50            | -3.65       | --             | --              | AV       | 186.00         | 150         | Horizontal | N/A     |
| 5   | 7439.875        | 49.32            | -2.34       | 74.0           | -24.68          | Peak     | 307.00         | 150         | Horizontal | Pass    |
| 5** | 7439.875        | 38.83            | -2.34       | 54.0           | -15.17          | AV       | 307.00         | 150         | Horizontal | Pass    |
| 6   | 11219.925       | 50.62            | 0.31        | 74.0           | -23.38          | Peak     | 271.00         | 150         | Horizontal | Pass    |
| 6** | 11219.925       | 41.15            | 0.31        | 54.0           | -12.85          | AV       | 271.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1116.700        | 37.13            | -18.44      | 74.0           | -36.87          | Peak     | 197.00         | 150         | Vertical | Pass    |
| 1** | 1116.700        | 28.54            | -18.44      | 54.0           | -25.46          | AV       | 197.00         | 150         | Vertical | Pass    |
| 2   | 1448.400        | 39.08            | -17.66      | 74.0           | -34.92          | Peak     | 185.00         | 150         | Vertical | Pass    |
| 2** | 1448.400        | 29.07            | -17.66      | 54.0           | -24.93          | AV       | 185.00         | 150         | Vertical | Pass    |
| 3   | 4059.200        | 48.67            | -5.49       | 74.0           | -25.33          | Peak     | 26.00          | 150         | Vertical | Pass    |
| 3** | 4059.200        | 39.39            | -5.49       | 54.0           | -14.61          | AV       | 26.00          | 150         | Vertical | Pass    |
| 4   | 5238.200        | 100.07           | -3.65       | --             | --              | Peak     | 189.00         | 150         | Vertical | N/A     |
| 4** | 5238.200        | 92.43            | -3.65       | --             | --              | AV       | 189.00         | 150         | Vertical | N/A     |
| 5   | 7395.025        | 49.57            | -1.57       | 74.0           | -24.43          | Peak     | 41.00          | 150         | Vertical | Pass    |
| 5** | 7395.025        | 40.09            | -1.57       | 54.0           | -13.91          | AV       | 41.00          | 150         | Vertical | Pass    |
| 6   | 11754.675       | 51.14            | 1.50        | 74.0           | -22.86          | Peak     | 202.00         | 150         | Vertical | Pass    |
| 6** | 11754.675       | 40.99            | 1.50        | 54.0           | -13.01          | AV       | 202.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1116.700        | 37.13            | -18.44      | 74.0           | -36.87          | Peak     | 197.00         | 150         | Vertical | Pass    |
| 1** | 1116.700        | 28.54            | -18.44      | 54.0           | -25.46          | AV       | 197.00         | 150         | Vertical | Pass    |
| 2   | 1448.400        | 39.08            | -17.66      | 74.0           | -34.92          | Peak     | 185.00         | 150         | Vertical | Pass    |
| 2** | 1448.400        | 29.07            | -17.66      | 54.0           | -24.93          | AV       | 185.00         | 150         | Vertical | Pass    |
| 3   | 4059.200        | 48.67            | -5.49       | 74.0           | -25.33          | Peak     | 26.00          | 150         | Vertical | Pass    |
| 3** | 4059.200        | 39.39            | -5.49       | 54.0           | -14.61          | AV       | 26.00          | 150         | Vertical | Pass    |
| 4   | 5238.200        | 100.07           | -3.65       | --             | --              | Peak     | 189.00         | 150         | Vertical | N/A     |
| 4** | 5238.200        | 92.43            | -3.65       | --             | --              | AV       | 189.00         | 150         | Vertical | N/A     |
| 5   | 7395.025        | 49.57            | -1.57       | 74.0           | -24.43          | Peak     | 41.00          | 150         | Vertical | Pass    |
| 5** | 7395.025        | 40.09            | -1.57       | 54.0           | -13.91          | AV       | 41.00          | 150         | Vertical | Pass    |
| 6   | 11754.675       | 51.14            | 1.50        | 74.0           | -22.86          | Peak     | 202.00         | 150         | Vertical | Pass    |
| 6** | 11754.675       | 40.99            | 1.50        | 54.0           | -13.01          | AV       | 202.00         | 150         | Vertical | 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   | 1041.400        | 37.77            | -18.57      | 74.0           | -36.23          | Peak     | 32.00          | 150         | Vertical | Pass    |
| 1** | 1041.400        | 26.97            | -18.57      | 54.0           | -27.03          | AV       | 32.00          | 150         | Vertical | Pass    |
| 2   | 1528.200        | 38.43            | -17.73      | 74.0           | -35.57          | Peak     | 49.00          | 150         | Vertical | Pass    |
| 2** | 1528.200        | 28.67            | -17.73      | 54.0           | -25.33          | AV       | 49.00          | 150         | Vertical | Pass    |
| 3   | 4218.600        | 48.85            | -4.76       | 74.0           | -25.15          | Peak     | 128.00         | 150         | Vertical | Pass    |
| 3** | 4218.600        | 39.20            | -4.76       | 54.0           | -14.80          | AV       | 128.00         | 150         | Vertical | Pass    |
| 4   | 5193.000        | 97.02            | -3.29       | --             | --              | Peak     | 180.00         | 150         | Vertical | N/A     |
| 4** | 5193.000        | 89.01            | -3.29       | --             | --              | AV       | 180.00         | 150         | Vertical | N/A     |
| 5   | 7421.475        | 48.88            | -2.07       | 74.0           | -25.12          | Peak     | 5.00           | 150         | Vertical | Pass    |
| 5** | 7421.475        | 39.71            | -2.07       | 54.0           | -14.29          | AV       | 5.00           | 150         | Vertical | Pass    |
| 6   | 11679.925       | 51.24            | 2.44        | 74.0           | -22.76          | Peak     | 241.00         | 150         | Vertical | Pass    |
| 6** | 11679.925       | 42.30            | 2.44        | 54.0           | -11.70          | AV       | 241.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1154.400        | 38.19            | -18.41      | 74.0           | -35.81          | Peak     | 126.00         | 150         | Horizontal | Pass    |
| 1** | 1154.400        | 28.00            | -18.41      | 54.0           | -26.00          | AV       | 126.00         | 150         | Horizontal | Pass    |
| 2   | 1515.400        | 39.07            | -17.77      | 74.0           | -34.93          | Peak     | 286.00         | 150         | Horizontal | Pass    |
| 2** | 1515.400        | 29.37            | -17.77      | 54.0           | -24.63          | AV       | 286.00         | 150         | Horizontal | Pass    |
| 3   | 4087.600        | 48.74            | -4.97       | 74.0           | -25.26          | Peak     | 264.00         | 150         | Horizontal | Pass    |
| 3** | 4087.600        | 39.33            | -4.97       | 54.0           | -14.67          | AV       | 264.00         | 150         | Horizontal | Pass    |
| 4   | 5227.600        | 103.17           | -3.50       | --             | -100.83         | Peak     | 204.00         | 150         | Horizontal | N/A     |
| 4** | 5227.600        | 94.89            | -3.50       | --             | 94.89           | AV       | 204.00         | 150         | Horizontal | N/A     |
| 5   | 7551.138        | 49.31            | -1.58       | 74.0           | -24.69          | Peak     | 290.00         | 150         | Horizontal | Pass    |
| 5** | 7551.138        | 39.86            | -1.58       | 54.0           | -14.14          | AV       | 290.00         | 150         | Horizontal | Pass    |
| 6   | 11677.338       | 52.44            | 2.45        | 74.0           | -21.56          | Peak     | 196.00         | 150         | Horizontal | Pass    |
| 6** | 11677.338       | 42.90            | 2.45        | 54.0           | -11.10          | AV       | 196.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1107.200        | 36.93            | -18.37      | 74.0           | -37.07          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 1** | 1107.200        | 27.93            | -18.37      | 54.0           | -26.07          | AV       | 360.00         | 150         | Vertical | Pass    |
| 2   | 1489.900        | 38.87            | -17.72      | 74.0           | -35.13          | Peak     | 73.00          | 150         | Vertical | Pass    |
| 2** | 1489.900        | 29.76            | -17.72      | 54.0           | -24.24          | AV       | 73.00          | 150         | Vertical | Pass    |
| 3   | 3660.000        | 47.71            | -6.92       | 74.0           | -26.29          | Peak     | 86.00          | 150         | Vertical | Pass    |
| 3** | 3660.000        | 38.82            | -6.92       | 54.0           | -15.18          | AV       | 86.00          | 150         | Vertical | Pass    |
| 4   | 5233.800        | 96.29            | -3.62       | --             | --              | Peak     | 176.00         | 150         | Vertical | N/A     |
| 4** | 5233.800        | 88.68            | -3.62       | --             | --              | AV       | 176.00         | 150         | Vertical | N/A     |
| 5   | 7406.237        | 49.13            | -1.74       | 74.0           | -24.87          | Peak     | 91.00          | 150         | Vertical | Pass    |
| 5** | 7406.237        | 41.13            | -1.74       | 54.0           | -12.87          | AV       | 91.00          | 150         | Vertical | Pass    |
| 6   | 11689.125       | 50.91            | 2.39        | 74.0           | -23.09          | Peak     | 101.00         | 150         | Vertical | Pass    |
| 6** | 11689.125       | 41.76            | 2.39        | 54.0           | -12.24          | AV       | 101.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1031.400        | 37.55            | -18.42      | 74.0           | -36.45          | Peak     | 135.00         | 150         | Horizontal | Pass    |
| 1** | 1031.400        | 27.65            | -18.42      | 54.0           | -26.35          | AV       | 135.00         | 150         | Horizontal | Pass    |
| 2   | 1464.700        | 39.43            | -17.69      | 74.0           | -34.57          | Peak     | 239.00         | 150         | Horizontal | Pass    |
| 2** | 1464.700        | 29.60            | -17.69      | 54.0           | -24.40          | AV       | 239.00         | 150         | Horizontal | Pass    |
| 3   | 4224.800        | 48.83            | -4.80       | 74.0           | -25.17          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 3** | 4224.800        | 40.21            | -4.80       | 54.0           | -13.79          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 4   | 5178.400        | 105.91           | -3.14       | --             | --              | Peak     | 190.00         | 150         | Horizontal | N/A     |
| 4** | 5178.400        | 98.38            | -3.14       | --             | --              | AV       | 190.00         | 150         | Horizontal | N/A     |
| 5   | 7422.913        | 49.35            | -2.12       | 74.0           | -24.65          | Peak     | 55.00          | 150         | Horizontal | Pass    |
| 5** | 7422.913        | 40.08            | -2.12       | 54.0           | -13.92          | AV       | 55.00          | 150         | Horizontal | Pass    |
| 6   | 11673.600       | 51.77            | 2.46        | 74.0           | -22.23          | Peak     | 355.00         | 150         | Horizontal | Pass    |
| 6** | 11673.600       | 41.98            | 2.46        | 54.0           | -12.02          | AV       | 355.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1216.100        | 38.61            | -17.98      | 74.0           | -35.39          | Peak     | 109.00         | 150         | Vertical | Pass    |
| 1** | 1216.100        | 28.37            | -17.98      | 54.0           | -25.63          | AV       | 109.00         | 150         | Vertical | Pass    |
| 2   | 1525.300        | 38.62            | -17.73      | 74.0           | -35.38          | Peak     | 87.00          | 150         | Vertical | Pass    |
| 2** | 1525.300        | 29.66            | -17.73      | 54.0           | -24.34          | AV       | 87.00          | 150         | Vertical | Pass    |
| 3   | 4014.800        | 48.20            | -5.77       | 74.0           | -25.80          | Peak     | 182.00         | 150         | Vertical | Pass    |
| 3** | 4014.800        | 38.19            | -5.77       | 54.0           | -15.81          | AV       | 182.00         | 150         | Vertical | Pass    |
| 4   | 5177.600        | 98.19            | -3.15       | --             | --              | Peak     | 182.00         | 150         | Vertical | N/A     |
| 4** | 5177.600        | 91.08            | -3.15       | --             | --              | AV       | 182.00         | 150         | Vertical | N/A     |
| 5   | 7342.987        | 49.04            | -2.52       | 74.0           | -24.96          | Peak     | 271.00         | 150         | Vertical | Pass    |
| 5** | 7342.987        | 39.90            | -2.52       | 54.0           | -14.10          | AV       | 271.00         | 150         | Vertical | Pass    |
| 6   | 12193.974       | 51.03            | 2.47        | 74.0           | -22.97          | Peak     | 336.00         | 150         | Vertical | Pass    |
| 6** | 12193.974       | 41.18            | 2.47        | 54.0           | -12.82          | AV       | 336.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1042.300        | 37.06            | -18.54      | 74.0           | -36.94          | Peak     | 186.00         | 150         | Horizontal | Pass    |
| 1** | 1042.300        | 28.49            | -18.54      | 54.0           | -25.51          | AV       | 186.00         | 150         | Horizontal | Pass    |
| 2   | 1534.000        | 39.50            | -17.80      | 74.0           | -34.50          | Peak     | 340.00         | 150         | Horizontal | Pass    |
| 2** | 1534.000        | 29.24            | -17.80      | 54.0           | -24.76          | AV       | 340.00         | 150         | Horizontal | Pass    |
| 3   | 4291.600        | 49.13            | -4.76       | 74.0           | -24.87          | Peak     | 20.00          | 150         | Horizontal | Pass    |
| 3** | 4291.600        | 39.75            | -4.76       | 54.0           | -14.25          | AV       | 20.00          | 150         | Horizontal | Pass    |
| 4   | 5218.400        | 106.58           | -3.46       | --             | --              | Peak     | 211.00         | 150         | Horizontal | N/A     |
| 4** | 5218.400        | 99.39            | -3.46       | --             | --              | AV       | 211.00         | 150         | Horizontal | N/A     |
| 5   | 7386.975        | 49.04            | -1.73       | 74.0           | -24.96          | Peak     | 83.00          | 150         | Horizontal | Pass    |
| 5** | 7386.975        | 40.06            | -1.73       | 54.0           | -13.94          | AV       | 83.00          | 150         | Horizontal | Pass    |
| 6   | 11681.075       | 51.57            | 2.43        | 74.0           | -22.43          | Peak     | 289.00         | 150         | Horizontal | Pass    |
| 6** | 11681.075       | 43.03            | 2.43        | 54.0           | -10.97          | AV       | 289.00         | 150         | 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   | 1092.900        | 38.19            | -18.62      | 74.0           | -35.81          | Peak     | 51.00          | 150         | Vertical | Pass    |
| 1** | 1092.900        | 27.92            | -18.62      | 54.0           | -26.08          | AV       | 51.00          | 150         | Vertical | Pass    |
| 2   | 1553.400        | 38.66            | -17.71      | 74.0           | -35.34          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 2** | 1553.400        | 29.75            | -17.71      | 54.0           | -24.25          | AV       | 0.00           | 150         | Vertical | Pass    |
| 3   | 4003.600        | 48.05            | -5.59       | 74.0           | -25.95          | Peak     | 210.00         | 150         | Vertical | Pass    |
| 3** | 4003.600        | 38.30            | -5.59       | 54.0           | -15.70          | AV       | 210.00         | 150         | Vertical | Pass    |
| 4   | 5222.400        | 98.73            | -3.45       | --             | --              | Peak     | 210.00         | 150         | Vertical | N/A     |
| 4** | 5222.400        | 91.28            | -3.45       | --             | --              | AV       | 210.00         | 150         | Vertical | N/A     |
| 5   | 7437.287        | 49.16            | -2.34       | 74.0           | -24.84          | Peak     | 316.00         | 150         | Vertical | Pass    |
| 5** | 7437.287        | 38.99            | -2.34       | 54.0           | -15.01          | AV       | 316.00         | 150         | Vertical | Pass    |
| 6   | 12233.362       | 51.56            | 2.63        | 74.0           | -22.44          | Peak     | 270.00         | 150         | Vertical | Pass    |
| 6** | 12233.362       | 41.54            | 2.63        | 54.0           | -12.46          | AV       | 270.00         | 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   | 1064.700        | 37.43            | -18.58      | 74.0           | -36.57          | Peak     | 10.00          | 150         | Horizontal | Pass    |
| 1** | 1064.700        | 27.48            | -18.58      | 54.0           | -26.52          | AV       | 10.00          | 150         | Horizontal | Pass    |
| 2   | 1516.000        | 39.63            | -17.76      | 74.0           | -34.37          | Peak     | 226.00         | 150         | Horizontal | Pass    |
| 2** | 1516.000        | 30.07            | -17.76      | 54.0           | -23.93          | AV       | 226.00         | 150         | Horizontal | Pass    |
| 3   | 4285.200        | 49.37            | -4.71       | 74.0           | -24.63          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 3** | 4285.200        | 39.62            | -4.71       | 54.0           | -14.38          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 4   | 5241.200        | 105.54           | -3.70       | --             | --              | Peak     | 188.00         | 150         | Horizontal | N/A     |
| 4** | 5241.200        | 98.12            | -3.70       | --             | --              | AV       | 188.00         | 150         | Horizontal | N/A     |
| 5   | 7387.262        | 49.69            | -1.73       | 74.0           | -24.31          | Peak     | 2.00           | 150         | Horizontal | Pass    |
| 5** | 7387.262        | 39.81            | -1.73       | 54.0           | -14.19          | AV       | 2.00           | 150         | Horizontal | Pass    |
| 6   | 11702.925       | 51.46            | 2.26        | 74.0           | -22.54          | Peak     | 210.00         | 150         | Horizontal | Pass    |
| 6** | 11702.925       | 41.89            | 2.26        | 54.0           | -12.11          | AV       | 210.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1109.500        | 37.82            | -18.51      | 74.0           | -36.18          | Peak     | 155.00         | 150         | Vertical | Pass    |
| 1** | 1109.500        | 27.69            | -18.51      | 54.0           | -26.31          | AV       | 155.00         | 150         | Vertical | Pass    |
| 2   | 1532.800        | 38.33            | -17.77      | 74.0           | -35.67          | Peak     | 21.00          | 150         | Vertical | Pass    |
| 2** | 1532.800        | 29.06            | -17.77      | 54.0           | -24.94          | AV       | 21.00          | 150         | Vertical | Pass    |
| 3   | 4000.800        | 48.64            | -5.67       | 74.0           | -25.36          | Peak     | 355.00         | 150         | Vertical | Pass    |
| 3** | 4000.800        | 38.14            | -5.67       | 54.0           | -15.86          | AV       | 355.00         | 150         | Vertical | Pass    |
| 4   | 5238.400        | 99.37            | -3.65       | --             | --              | Peak     | 184.00         | 150         | Vertical | N/A     |
| 4** | 5238.400        | 91.39            | -3.65       | --             | --              | AV       | 184.00         | 150         | Vertical | N/A     |
| 5   | 7426.362        | 48.75            | -2.12       | 74.0           | -25.25          | Peak     | 316.00         | 150         | Vertical | Pass    |
| 5** | 7426.362        | 39.86            | -2.12       | 54.0           | -14.14          | AV       | 316.00         | 150         | Vertical | Pass    |
| 6   | 11675.900       | 51.49            | 2.45        | 74.0           | -22.51          | Peak     | 316.00         | 150         | Vertical | Pass    |
| 6** | 11675.900       | 42.76            | 2.45        | 54.0           | -11.24          | AV       | 316.00         | 150         | 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   | 1128.400        | 37.82            | -18.41      | 74.0           | -36.18          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 1** | 1128.400        | 28.29            | -18.41      | 54.0           | -25.71          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 2   | 1511.900        | 38.63            | -17.80      | 74.0           | -35.37          | Peak     | 97.00          | 150         | Horizontal | Pass    |
| 2** | 1511.900        | 29.87            | -17.80      | 54.0           | -24.13          | AV       | 97.00          | 150         | Horizontal | Pass    |
| 3   | 4320.200        | 48.99            | -4.91       | 74.0           | -25.01          | Peak     | 89.00          | 150         | Horizontal | Pass    |
| 3** | 4320.200        | 39.10            | -4.91       | 54.0           | -14.90          | AV       | 89.00          | 150         | Horizontal | Pass    |
| 4   | 5192.000        | 100.96           | -3.25       | --             | --              | Peak     | 189.00         | 150         | Horizontal | N/A     |
| 4** | 5192.000        | 93.84            | -3.25       | --             | --              | AV       | 189.00         | 150         | Horizontal | N/A     |
| 5   | 7408.538        | 49.78            | -1.74       | 74.0           | -24.22          | Peak     | 325.00         | 150         | Horizontal | Pass    |
| 5** | 7408.538        | 40.97            | -1.74       | 54.0           | -13.03          | AV       | 325.00         | 150         | Horizontal | Pass    |
| 6   | 12235.662       | 51.47            | 2.63        | 74.0           | -22.53          | Peak     | 56.00          | 150         | Horizontal | Pass    |
| 6** | 12235.662       | 41.55            | 2.63        | 54.0           | -12.45          | AV       | 56.00          | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1162.300        | 37.37            | -18.41      | 74.0           | -36.63          | Peak     | 271.00         | 150         | Vertical | Pass    |
| 1** | 1162.300        | 28.66            | -18.41      | 54.0           | -25.34          | AV       | 271.00         | 150         | Vertical | Pass    |
| 2   | 1530.900        | 39.06            | -17.77      | 74.0           | -34.94          | Peak     | 79.00          | 150         | Vertical | Pass    |
| 2** | 1530.900        | 29.67            | -17.77      | 54.0           | -24.33          | AV       | 79.00          | 150         | Vertical | Pass    |
| 3   | 4034.800        | 48.77            | -5.35       | 74.0           | -25.23          | Peak     | 35.00          | 150         | Vertical | Pass    |
| 3** | 4034.800        | 38.52            | -5.35       | 54.0           | -15.48          | AV       | 35.00          | 150         | Vertical | Pass    |
| 4   | 5193.200        | 93.55            | -3.29       | --             | --              | Peak     | 184.00         | 150         | Vertical | N/A     |
| 4** | 5193.200        | 85.49            | -3.29       | --             | --              | AV       | 184.00         | 150         | Vertical | N/A     |
| 5   | 7382.950        | 48.89            | -1.73       | 74.0           | -25.11          | Peak     | 180.00         | 150         | Vertical | Pass    |
| 5** | 7382.950        | 39.53            | -1.73       | 54.0           | -14.47          | AV       | 180.00         | 150         | Vertical | Pass    |
| 6   | 11657.500       | 51.07            | 2.53        | 74.0           | -22.93          | Peak     | 189.00         | 150         | Vertical | Pass    |
| 6** | 11657.500       | 42.09            | 2.53        | 54.0           | -11.91          | AV       | 189.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1130.800        | 37.30            | -18.34      | 74.0           | -36.70          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 1** | 1130.800        | 28.73            | -18.34      | 54.0           | -25.27          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 2   | 1463.600        | 38.74            | -17.68      | 74.0           | -35.26          | Peak     | 169.00         | 150         | Horizontal | Pass    |
| 2** | 1463.600        | 28.71            | -17.68      | 54.0           | -25.29          | AV       | 169.00         | 150         | Horizontal | Pass    |
| 3   | 3688.800        | 47.03            | -7.32       | 74.0           | -26.97          | Peak     | 123.00         | 150         | Horizontal | Pass    |
| 3** | 3688.800        | 37.60            | -7.32       | 54.0           | -16.40          | AV       | 123.00         | 150         | Horizontal | Pass    |
| 4   | 5225.200        | 101.09           | -3.48       | --             | --              | Peak     | 182.00         | 150         | Horizontal | N/A     |
| 4** | 5225.200        | 93.77            | -3.48       | --             | --              | AV       | 182.00         | 150         | Horizontal | N/A     |
| 5   | 7425.212        | 49.51            | -2.11       | 74.0           | -24.49          | Peak     | 274.00         | 150         | Horizontal | Pass    |
| 5** | 7425.212        | 40.17            | -2.11       | 54.0           | -13.83          | AV       | 274.00         | 150         | Horizontal | Pass    |
| 6   | 11676.763       | 50.79            | 2.45        | 74.0           | -23.21          | Peak     | 274.00         | 150         | Horizontal | Pass    |
| 6** | 11676.763       | 41.93            | 2.45        | 54.0           | -12.07          | AV       | 274.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1129.000        | 37.68            | -18.39      | 74.0           | -36.32          | Peak     | 155.00         | 150         | Vertical | Pass    |
| 1** | 1129.000        | 28.59            | -18.39      | 54.0           | -25.41          | AV       | 155.00         | 150         | Vertical | Pass    |
| 2   | 1503.100        | 39.07            | -17.75      | 74.0           | -34.93          | Peak     | 269.00         | 150         | Vertical | Pass    |
| 2** | 1503.100        | 29.39            | -17.75      | 54.0           | -24.61          | AV       | 269.00         | 150         | Vertical | Pass    |
| 3   | 4212.400        | 49.66            | -4.92       | 74.0           | -24.34          | Peak     | 161.00         | 150         | Vertical | Pass    |
| 3** | 4212.400        | 39.06            | -4.92       | 54.0           | -14.94          | AV       | 161.00         | 150         | Vertical | Pass    |
| 4   | 5232.400        | 94.83            | -3.60       | --             | --              | Peak     | 190.00         | 150         | Vertical | N/A     |
| 4** | 5232.400        | 87.79            | -3.60       | --             | --              | AV       | 190.00         | 150         | Vertical | N/A     |
| 5   | 7422.913        | 49.17            | -2.12       | 74.0           | -24.83          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 5** | 7422.913        | 40.31            | -2.12       | 54.0           | -13.69          | AV       | 0.00           | 150         | Vertical | Pass    |
| 6   | 11693.725       | 51.23            | 2.35        | 74.0           | -22.77          | Peak     | 24.00          | 150         | Vertical | Pass    |
| 6** | 11693.725       | 41.72            | 2.35        | 54.0           | -12.28          | AV       | 24.00          | 150         | 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   | 1118.200        | 37.60            | -18.38      | 74.0           | -36.40          | Peak     | 192.00         | 150         | Horizontal | Pass    |
| 1** | 1118.200        | 28.36            | -18.38      | 54.0           | -25.64          | AV       | 192.00         | 150         | Horizontal | Pass    |
| 2   | 1523.400        | 38.43            | -17.67      | 74.0           | -35.57          | Peak     | 1.00           | 150         | Horizontal | Pass    |
| 2** | 1523.400        | 29.74            | -17.67      | 54.0           | -24.26          | AV       | 1.00           | 150         | Horizontal | Pass    |
| 3   | 4031.400        | 47.94            | -5.38       | 74.0           | -26.06          | Peak     | 17.00          | 150         | Horizontal | Pass    |
| 3** | 4031.400        | 38.69            | -5.38       | 54.0           | -15.31          | AV       | 17.00          | 150         | Horizontal | Pass    |
| 4   | 5216.000        | 97.18            | -3.41       | --             | --              | Peak     | 191.00         | 150         | Horizontal | N/A     |
| 4** | 5216.000        | 89.08            | -3.41       | --             | --              | AV       | 191.00         | 150         | Horizontal | N/A     |
| 5   | 7477.538        | 48.82            | -1.96       | 74.0           | -25.18          | Peak     | 217.00         | 150         | Horizontal | Pass    |
| 5** | 7477.538        | 39.50            | -1.96       | 54.0           | -14.50          | AV       | 217.00         | 150         | Horizontal | Pass    |
| 6   | 11695.162       | 51.09            | 2.34        | 74.0           | -22.91          | Peak     | 61.00          | 150         | Horizontal | Pass    |
| 6** | 11695.162       | 42.47            | 2.34        | 54.0           | -11.53          | AV       | 61.00          | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1167.200        | 37.61            | -18.50      | 74.0           | -36.39          | Peak     | 342.00         | 150         | Vertical | Pass    |
| 1** | 1167.200        | 28.78            | -18.50      | 54.0           | -25.22          | AV       | 342.00         | 150         | Vertical | Pass    |
| 2   | 1462.200        | 38.39            | -17.71      | 74.0           | -35.61          | Peak     | 239.00         | 150         | Vertical | Pass    |
| 2** | 1462.200        | 28.74            | -17.71      | 54.0           | -25.26          | AV       | 239.00         | 150         | Vertical | Pass    |
| 3   | 4263.600        | 49.33            | -4.81       | 74.0           | -24.67          | Peak     | 359.00         | 150         | Vertical | Pass    |
| 3** | 4263.600        | 39.37            | -4.81       | 54.0           | -14.63          | AV       | 359.00         | 150         | Vertical | Pass    |
| 4   | 5213.800        | 89.80            | -3.42       | --             | --              | Peak     | 183.00         | 150         | Vertical | N/A     |
| 4** | 5213.800        | 81.48            | -3.42       | --             | --              | AV       | 183.00         | 150         | Vertical | N/A     |
| 5   | 7487.600        | 48.76            | -1.85       | 74.0           | -25.24          | Peak     | 173.00         | 150         | Vertical | Pass    |
| 5** | 7487.600        | 39.67            | -1.85       | 54.0           | -14.33          | AV       | 173.00         | 150         | Vertical | Pass    |
| 6   | 11650.600       | 50.82            | 2.55        | 74.0           | -23.18          | Peak     | 99.00          | 150         | Vertical | Pass    |
| 6** | 11650.600       | 42.24            | 2.55        | 54.0           | -11.76          | AV       | 99.00          | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1104.800        | 37.15            | -18.46      | 74.0           | -36.85          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 1** | 1104.800        | 27.85            | -18.46      | 54.0           | -26.15          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 2   | 1524.200        | 38.37            | -17.69      | 74.0           | -35.63          | Peak     | 269.00         | 150         | Horizontal | Pass    |
| 2** | 1524.200        | 28.83            | -17.69      | 54.0           | -25.17          | AV       | 269.00         | 150         | Horizontal | Pass    |
| 3   | 4126.200        | 48.15            | -5.62       | 74.0           | -25.85          | Peak     | 279.00         | 150         | Horizontal | Pass    |
| 3** | 4126.200        | 39.17            | -5.62       | 54.0           | -14.83          | AV       | 279.00         | 150         | Horizontal | Pass    |
| 4   | 5261.000        | 106.96           | -3.81       | --             | --              | Peak     | 214.00         | 150         | Horizontal | N/A     |
| 4** | 5261.000        | 99.66            | -3.81       | --             | --              | AV       | 214.00         | 150         | Horizontal | N/A     |
| 5   | 7540.500        | 49.18            | -1.66       | 74.0           | -24.82          | Peak     | 23.00          | 150         | Horizontal | Pass    |
| 5** | 7540.500        | 39.26            | -1.66       | 54.0           | -14.74          | AV       | 23.00          | 150         | Horizontal | Pass    |
| 6   | 11694.300       | 51.74            | 2.35        | 74.0           | -22.26          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 6** | 11694.300       | 42.10            | 2.35        | 54.0           | -11.90          | AV       | 0.00           | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1152.600        | 37.87            | -18.34      | 74.0           | -36.13          | Peak     | 331.00         | 150         | Vertical | Pass    |
| 1** | 1152.600        | 28.07            | -18.34      | 54.0           | -25.93          | AV       | 331.00         | 150         | Vertical | Pass    |
| 2   | 1493.800        | 38.38            | -17.80      | 74.0           | -35.62          | Peak     | 195.00         | 150         | Vertical | Pass    |
| 2** | 1493.800        | 29.53            | -17.80      | 54.0           | -24.47          | AV       | 195.00         | 150         | Vertical | Pass    |
| 3   | 4162.400        | 48.61            | -5.09       | 74.0           | -25.39          | Peak     | 18.00          | 150         | Vertical | Pass    |
| 3** | 4162.400        | 38.86            | -5.09       | 54.0           | -15.14          | AV       | 18.00          | 150         | Vertical | Pass    |
| 4   | 5259.200        | 100.43           | -3.81       | --             | --              | Peak     | 189.00         | 150         | Vertical | N/A     |
| 4** | 5259.200        | 92.96            | -3.81       | --             | --              | AV       | 189.00         | 150         | Vertical | N/A     |
| 5   | 7428.663        | 49.31            | -2.20       | 74.0           | -24.69          | Peak     | 309.00         | 150         | Vertical | Pass    |
| 5** | 7428.663        | 39.27            | -2.20       | 54.0           | -14.73          | AV       | 309.00         | 150         | Vertical | Pass    |
| 6   | 11672.450       | 51.57            | 2.47        | 74.0           | -22.43          | Peak     | 71.00          | 150         | Vertical | Pass    |
| 6** | 11672.450       | 42.28            | 2.47        | 54.0           | -11.72          | AV       | 71.00          | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1131.900        | 37.34            | -18.34      | 74.0           | -36.66          | Peak     | 85.00          | 150         | Horizontal | Pass    |
| 1** | 1131.900        | 28.25            | -18.34      | 54.0           | -25.75          | AV       | 85.00          | 150         | Horizontal | Pass    |
| 2   | 1548.200        | 38.92            | -17.72      | 74.0           | -35.08          | Peak     | 241.00         | 150         | Horizontal | Pass    |
| 2** | 1548.200        | 29.73            | -17.72      | 54.0           | -24.27          | AV       | 241.00         | 150         | Horizontal | Pass    |
| 3   | 4106.800        | 48.34            | -5.35       | 74.0           | -25.66          | Peak     | 299.00         | 150         | Horizontal | Pass    |
| 3** | 4106.800        | 39.32            | -5.35       | 54.0           | -14.68          | AV       | 299.00         | 150         | Horizontal | Pass    |
| 4   | 5298.600        | 108.29           | -3.35       | --             | --              | Peak     | 210.00         | 150         | Horizontal | N/A     |
| 4** | 5298.600        | 100.54           | -3.35       | --             | --              | AV       | 210.00         | 150         | Horizontal | N/A     |
| 5   | 7399.337        | 49.30            | -1.60       | 74.0           | -24.70          | Peak     | 149.00         | 150         | Horizontal | Pass    |
| 5** | 7399.337        | 40.53            | -1.60       | 54.0           | -13.47          | AV       | 149.00         | 150         | Horizontal | Pass    |
| 6   | 11655.487       | 51.38            | 2.53        | 74.0           | -22.62          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 6** | 11655.487       | 41.84            | 2.53        | 54.0           | -12.16          | AV       | 0.00           | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1061.700        | 37.10            | -18.64      | 74.0           | -36.90          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 1** | 1061.700        | 28.46            | -18.64      | 54.0           | -25.54          | AV       | 360.00         | 150         | Vertical | Pass    |
| 2   | 1544.100        | 38.80            | -17.77      | 74.0           | -35.20          | Peak     | 250.00         | 150         | Vertical | Pass    |
| 2** | 1544.100        | 28.98            | -17.77      | 54.0           | -25.02          | AV       | 250.00         | 150         | Vertical | Pass    |
| 3   | 4107.200        | 48.30            | -5.36       | 74.0           | -25.70          | Peak     | 181.00         | 150         | Vertical | Pass    |
| 3** | 4107.200        | 38.34            | -5.36       | 54.0           | -15.66          | AV       | 181.00         | 150         | Vertical | Pass    |
| 4   | 5298.800        | 102.11           | -3.34       | --             | --              | Peak     | 192.00         | 150         | Vertical | N/A     |
| 4** | 5298.800        | 94.84            | -3.34       | --             | --              | AV       | 192.00         | 150         | Vertical | N/A     |
| 5   | 7474.950        | 49.34            | -1.96       | 74.0           | -24.66          | Peak     | 39.00          | 150         | Vertical | Pass    |
| 5** | 7474.950        | 39.99            | -1.96       | 54.0           | -14.01          | AV       | 39.00          | 150         | Vertical | Pass    |
| 6   | 10996.250       | 51.26            | 0.69        | 74.0           | -22.74          | Peak     | 215.00         | 150         | Vertical | Pass    |
| 6** | 10996.250       | 40.25            | 0.69        | 54.0           | -13.75          | AV       | 215.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1209.600        | 37.88            | -18.12      | 74.0           | -36.12          | Peak     | 280.00         | 150         | Horizontal | Pass    |
| 1** | 1209.600        | 28.12            | -18.12      | 54.0           | -25.88          | AV       | 280.00         | 150         | Horizontal | Pass    |
| 2   | 1513.800        | 38.68            | -17.80      | 74.0           | -35.32          | Peak     | 221.00         | 150         | Horizontal | Pass    |
| 2** | 1513.800        | 29.86            | -17.80      | 54.0           | -24.14          | AV       | 221.00         | 150         | Horizontal | Pass    |
| 3   | 4258.600        | 49.14            | -4.77       | 74.0           | -24.86          | Peak     | 8.00           | 150         | Horizontal | Pass    |
| 3** | 4258.600        | 39.57            | -4.77       | 54.0           | -14.43          | AV       | 8.00           | 150         | Horizontal | Pass    |
| 4   | 5317.400        | 107.21           | -3.23       | --             | --              | Peak     | 212.00         | 150         | Horizontal | N/A     |
| 4** | 5317.400        | 99.90            | -3.23       | --             | --              | AV       | 212.00         | 150         | Horizontal | N/A     |
| 5   | 7388.125        | 49.59            | -1.73       | 74.0           | -24.41          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 5** | 7388.125        | 40.10            | -1.73       | 54.0           | -13.90          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 6   | 11712.412       | 51.72            | 2.11        | 74.0           | -22.28          | Peak     | 315.00         | 150         | Horizontal | Pass    |
| 6** | 11712.412       | 41.97            | 2.11        | 54.0           | -12.03          | AV       | 315.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1106.400        | 36.90            | -18.40      | 74.0           | -37.10          | Peak     | 352.00         | 150         | Vertical | Pass    |
| 1** | 1106.400        | 28.99            | -18.40      | 54.0           | -25.01          | AV       | 352.00         | 150         | Vertical | Pass    |
| 2   | 1501.600        | 39.19            | -17.69      | 74.0           | -34.81          | Peak     | 340.00         | 150         | Vertical | Pass    |
| 2** | 1501.600        | 29.38            | -17.69      | 54.0           | -24.62          | AV       | 340.00         | 150         | Vertical | Pass    |
| 3   | 3783.800        | 47.99            | -5.55       | 74.0           | -26.01          | Peak     | 264.00         | 150         | Vertical | Pass    |
| 3** | 3783.800        | 37.74            | -5.55       | 54.0           | -16.26          | AV       | 264.00         | 150         | Vertical | Pass    |
| 4   | 5321.000        | 100.16           | -3.24       | --             | --              | Peak     | 170.00         | 150         | Vertical | N/A     |
| 4** | 5321.000        | 93.25            | -3.24       | --             | --              | AV       | 170.00         | 150         | Vertical | N/A     |
| 5   | 7487.025        | 48.54            | -1.85       | 74.0           | -25.46          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 5** | 7487.025        | 39.52            | -1.85       | 54.0           | -14.48          | AV       | 0.00           | 150         | Vertical | Pass    |
| 6   | 11685.963       | 51.57            | 2.41        | 74.0           | -22.43          | Peak     | 267.00         | 150         | Vertical | Pass    |
| 6** | 11685.963       | 42.82            | 2.41        | 54.0           | -11.18          | AV       | 267.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1214.000        | 37.99            | -17.96      | 74.0           | -36.01          | Peak     | 160.00         | 150         | Horizontal | Pass    |
| 1** | 1214.000        | 28.80            | -17.96      | 54.0           | -25.20          | AV       | 160.00         | 150         | Horizontal | Pass    |
| 2   | 1548.000        | 38.30            | -17.73      | 74.0           | -35.70          | Peak     | 292.00         | 150         | Horizontal | Pass    |
| 2** | 1548.000        | 29.12            | -17.73      | 54.0           | -24.88          | AV       | 292.00         | 150         | Horizontal | Pass    |
| 3   | 4304.800        | 48.98            | -4.90       | 74.0           | -25.02          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 3** | 4304.800        | 39.31            | -4.90       | 54.0           | -14.69          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 4   | 5260.800        | 104.89           | -3.81       | --             | --              | Peak     | 215.00         | 150         | Horizontal | N/A     |
| 4** | 5260.800        | 97.62            | -3.81       | --             | --              | AV       | 215.00         | 150         | Horizontal | N/A     |
| 5   | 7395.888        | 48.62            | -1.61       | 74.0           | -25.38          | Peak     | 44.00          | 150         | Horizontal | Pass    |
| 5** | 7395.888        | 40.41            | -1.61       | 54.0           | -13.59          | AV       | 44.00          | 150         | Horizontal | Pass    |
| 6   | 11667.276       | 50.98            | 2.49        | 74.0           | -23.02          | Peak     | 57.00          | 150         | Horizontal | Pass    |
| 6** | 11667.276       | 42.41            | 2.49        | 54.0           | -11.59          | AV       | 57.00          | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1196.400        | 38.29            | -18.19      | 74.0           | -35.71          | Peak     | 169.00         | 150         | Vertical | Pass    |
| 1** | 1196.400        | 28.59            | -18.19      | 54.0           | -25.41          | AV       | 169.00         | 150         | Vertical | Pass    |
| 2   | 1535.300        | 38.24            | -17.73      | 74.0           | -35.76          | Peak     | 266.00         | 150         | Vertical | Pass    |
| 2** | 1535.300        | 29.33            | -17.73      | 54.0           | -24.67          | AV       | 266.00         | 150         | Vertical | Pass    |
| 3   | 3996.600        | 47.98            | -5.70       | 74.0           | -26.02          | Peak     | 270.00         | 150         | Vertical | Pass    |
| 3** | 3996.600        | 38.29            | -5.70       | 54.0           | -15.71          | AV       | 270.00         | 150         | Vertical | Pass    |
| 4   | 5261.600        | 99.09            | -3.81       | --             | --              | Peak     | 183.00         | 150         | Vertical | N/A     |
| 4** | 5261.600        | 91.67            | -3.81       | --             | --              | AV       | 183.00         | 150         | Vertical | N/A     |
| 5   | 7540.788        | 49.94            | -1.66       | 74.0           | -24.06          | Peak     | 130.00         | 150         | Vertical | Pass    |
| 5** | 7540.788        | 40.02            | -1.66       | 54.0           | -13.98          | AV       | 130.00         | 150         | Vertical | Pass    |
| 6   | 11747.200       | 51.73            | 1.59        | 74.0           | -22.27          | Peak     | 313.00         | 150         | Vertical | Pass    |
| 6** | 11747.200       | 41.29            | 1.59        | 54.0           | -12.71          | AV       | 313.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1141.000        | 37.57            | -18.38      | 74.0           | -36.43          | Peak     | 223.00         | 150         | Horizontal | Pass    |
| 1** | 1141.000        | 28.13            | -18.38      | 54.0           | -25.87          | AV       | 223.00         | 150         | Horizontal | Pass    |
| 2   | 1541.600        | 38.44            | -17.73      | 74.0           | -35.56          | Peak     | 260.00         | 150         | Horizontal | Pass    |
| 2** | 1541.600        | 29.47            | -17.73      | 54.0           | -24.53          | AV       | 260.00         | 150         | Horizontal | Pass    |
| 3   | 3790.600        | 47.79            | -5.46       | 74.0           | -26.21          | Peak     | 253.00         | 150         | Horizontal | Pass    |
| 3** | 3790.600        | 38.01            | -5.46       | 54.0           | -15.99          | AV       | 253.00         | 150         | Horizontal | Pass    |
| 4   | 5301.200        | 105.64           | -3.30       | --             | --              | Peak     | 202.00         | 150         | Horizontal | N/A     |
| 4** | 5301.200        | 98.52            | -3.30       | --             | --              | AV       | 202.00         | 150         | Horizontal | N/A     |
| 5   | 7383.813        | 49.14            | -1.75       | 74.0           | -24.86          | Peak     | 89.00          | 150         | Horizontal | Pass    |
| 5** | 7383.813        | 40.11            | -1.75       | 54.0           | -13.89          | AV       | 89.00          | 150         | Horizontal | Pass    |
| 6   | 11694.875       | 51.25            | 2.34        | 74.0           | -22.75          | Peak     | 337.00         | 150         | Horizontal | Pass    |
| 6** | 11694.875       | 41.63            | 2.34        | 54.0           | -12.37          | AV       | 337.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1144.100        | 37.69            | -18.38      | 74.0           | -36.31          | Peak     | 57.00          | 150         | Vertical | Pass    |
| 1** | 1144.100        | 28.74            | -18.38      | 54.0           | -25.26          | AV       | 57.00          | 150         | Vertical | Pass    |
| 2   | 1485.400        | 38.50            | -17.75      | 74.0           | -35.50          | Peak     | 287.00         | 150         | Vertical | Pass    |
| 2** | 1485.400        | 28.58            | -17.75      | 54.0           | -25.42          | AV       | 287.00         | 150         | Vertical | Pass    |
| 3   | 4084.800        | 49.38            | -5.04       | 74.0           | -24.62          | Peak     | 60.00          | 150         | Vertical | Pass    |
| 3** | 4084.800        | 38.46            | -5.04       | 54.0           | -15.54          | AV       | 60.00          | 150         | Vertical | Pass    |
| 4   | 5299.000        | 98.07            | -3.33       | --             | --              | Peak     | 22.00          | 150         | Vertical | N/A     |
| 4** | 5299.000        | 91.57            | -3.33       | --             | --              | AV       | 22.00          | 150         | Vertical | N/A     |
| 5   | 7428.375        | 49.16            | -2.19       | 74.0           | -24.84          | Peak     | 95.00          | 150         | Vertical | Pass    |
| 5** | 7428.375        | 40.33            | -2.19       | 54.0           | -13.67          | AV       | 95.00          | 150         | Vertical | Pass    |
| 6   | 11688.838       | 50.67            | 2.39        | 74.0           | -23.33          | Peak     | 41.00          | 150         | Vertical | Pass    |
| 6** | 11688.838       | 41.79            | 2.39        | 54.0           | -12.21          | AV       | 41.00          | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1220.000        | 38.36            | -18.01      | 74.0           | -35.64          | Peak     | 182.00         | 150         | Horizontal | Pass    |
| 1** | 1220.000        | 28.43            | -18.01      | 54.0           | -25.57          | AV       | 182.00         | 150         | Horizontal | Pass    |
| 2   | 1530.200        | 39.81            | -17.78      | 74.0           | -34.19          | Peak     | 207.00         | 150         | Horizontal | Pass    |
| 2** | 1530.200        | 29.24            | -17.78      | 54.0           | -24.76          | AV       | 207.00         | 150         | Horizontal | Pass    |
| 3   | 4159.200        | 48.02            | -5.10       | 74.0           | -25.98          | Peak     | 141.00         | 150         | Horizontal | Pass    |
| 3** | 4159.200        | 39.04            | -5.10       | 54.0           | -14.96          | AV       | 141.00         | 150         | Horizontal | Pass    |
| 4   | 5318.600        | 105.13           | -3.27       | --             | --              | Peak     | 184.00         | 150         | Horizontal | N/A     |
| 4** | 5318.600        | 97.64            | -3.27       | --             | --              | AV       | 184.00         | 150         | Horizontal | N/A     |
| 5   | 7416.587        | 48.71            | -2.01       | 74.0           | -25.29          | Peak     | 74.00          | 150         | Horizontal | Pass    |
| 5** | 7416.587        | 39.34            | -2.01       | 54.0           | -14.66          | AV       | 74.00          | 150         | Horizontal | Pass    |
| 6   | 12261.826       | 50.82            | 2.56        | 74.0           | -23.18          | Peak     | 231.00         | 150         | Horizontal | Pass    |
| 6** | 12261.826       | 41.12            | 2.56        | 54.0           | -12.88          | AV       | 231.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1073.400        | 37.34            | -18.75      | 74.0           | -36.66          | Peak     | 112.00         | 150         | Vertical | Pass    |
| 1** | 1073.400        | 28.61            | -18.75      | 54.0           | -25.39          | AV       | 112.00         | 150         | Vertical | Pass    |
| 2   | 1487.600        | 38.52            | -17.73      | 74.0           | -35.48          | Peak     | 5.00           | 150         | Vertical | Pass    |
| 2** | 1487.600        | 29.26            | -17.73      | 54.0           | -24.74          | AV       | 5.00           | 150         | Vertical | Pass    |
| 3   | 4271.200        | 48.97            | -4.79       | 74.0           | -25.03          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 3** | 4271.200        | 40.08            | -4.79       | 54.0           | -13.92          | AV       | 360.00         | 150         | Vertical | Pass    |
| 4   | 5320.800        | 98.73            | -3.24       | --             | --              | Peak     | 191.00         | 150         | Vertical | N/A     |
| 4** | 5320.800        | 92.17            | -3.24       | --             | --              | AV       | 191.00         | 150         | Vertical | N/A     |
| 5   | 7407.388        | 49.17            | -1.73       | 74.0           | -24.83          | Peak     | 336.00         | 150         | Vertical | Pass    |
| 5** | 7407.388        | 39.84            | -1.73       | 54.0           | -14.16          | AV       | 336.00         | 150         | Vertical | Pass    |
| 6   | 11708.387       | 51.08            | 2.18        | 74.0           | -22.92          | Peak     | 254.00         | 150         | Vertical | Pass    |
| 6** | 11708.387       | 41.44            | 2.18        | 54.0           | -12.56          | AV       | 254.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1207.000        | 37.86            | -18.22      | 74.0           | -36.14          | Peak     | 177.00         | 150         | Horizontal | Pass    |
| 1** | 1207.000        | 28.81            | -18.22      | 54.0           | -25.19          | AV       | 177.00         | 150         | Horizontal | Pass    |
| 2   | 1549.600        | 38.98            | -17.69      | 74.0           | -35.02          | Peak     | 144.00         | 150         | Horizontal | Pass    |
| 2** | 1549.600        | 29.61            | -17.69      | 54.0           | -24.39          | AV       | 144.00         | 150         | Horizontal | Pass    |
| 3   | 4000.200        | 48.18            | -5.64       | 74.0           | -25.82          | Peak     | 204.00         | 150         | Horizontal | Pass    |
| 3** | 4000.200        | 37.89            | -5.64       | 54.0           | -16.11          | AV       | 204.00         | 150         | Horizontal | Pass    |
| 4   | 5267.800        | 101.53           | -3.78       | --             | --              | Peak     | 210.00         | 150         | Horizontal | N/A     |
| 4** | 5267.800        | 94.05            | -3.78       | --             | --              | AV       | 210.00         | 150         | Horizontal | N/A     |
| 5   | 7534.750        | 48.99            | -1.75       | 74.0           | -25.01          | Peak     | 316.00         | 150         | Horizontal | Pass    |
| 5** | 7534.750        | 39.77            | -1.75       | 54.0           | -14.23          | AV       | 316.00         | 150         | Horizontal | Pass    |
| 6   | 11667.562       | 51.51            | 2.49        | 74.0           | -22.49          | Peak     | 175.00         | 150         | Horizontal | Pass    |
| 6** | 11667.562       | 42.21            | 2.49        | 54.0           | -11.79          | AV       | 175.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1110.600        | 37.22            | -18.47      | 74.0           | -36.78          | Peak     | 103.00         | 150         | Vertical | Pass    |
| 1** | 1110.600        | 27.92            | -18.47      | 54.0           | -26.08          | AV       | 103.00         | 150         | Vertical | Pass    |
| 2   | 1543.000        | 39.41            | -17.72      | 74.0           | -34.59          | Peak     | 25.00          | 150         | Vertical | Pass    |
| 2** | 1543.000        | 29.86            | -17.72      | 54.0           | -24.14          | AV       | 25.00          | 150         | Vertical | Pass    |
| 3   | 4026.600        | 48.08            | -5.49       | 74.0           | -25.92          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 3** | 4026.600        | 38.18            | -5.49       | 54.0           | -15.82          | AV       | 0.00           | 150         | Vertical | Pass    |
| 4   | 5268.400        | 93.55            | -3.76       | --             | --              | Peak     | 158.00         | 150         | Vertical | N/A     |
| 4** | 5268.400        | 85.96            | -3.76       | --             | --              | AV       | 158.00         | 150         | Vertical | N/A     |
| 5   | 7339.250        | 49.19            | -2.56       | 74.0           | -24.81          | Peak     | 359.00         | 150         | Vertical | Pass    |
| 5** | 7339.250        | 39.53            | -2.56       | 54.0           | -14.47          | AV       | 359.00         | 150         | Vertical | Pass    |
| 6   | 11657.213       | 50.86            | 2.53        | 74.0           | -23.14          | Peak     | 99.00          | 150         | Vertical | Pass    |
| 6** | 11657.213       | 41.81            | 2.53        | 54.0           | -12.19          | AV       | 99.00          | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1118.000        | 37.31            | -18.38      | 74.0           | -36.69          | Peak     | 164.00         | 150         | Horizontal | Pass    |
| 1** | 1118.000        | 28.33            | -18.38      | 54.0           | -25.67          | AV       | 164.00         | 150         | Horizontal | Pass    |
| 2   | 1525.200        | 38.75            | -17.73      | 74.0           | -35.25          | Peak     | 25.00          | 150         | Horizontal | Pass    |
| 2** | 1525.200        | 29.27            | -17.73      | 54.0           | -24.73          | AV       | 25.00          | 150         | Horizontal | Pass    |
| 3   | 4060.600        | 48.71            | -5.50       | 74.0           | -25.29          | Peak     | 247.00         | 150         | Horizontal | Pass    |
| 3** | 4060.600        | 38.62            | -5.50       | 54.0           | -15.38          | AV       | 247.00         | 150         | Horizontal | Pass    |
| 4   | 5307.400        | 101.20           | -3.30       | --             | --              | Peak     | 209.00         | 150         | Horizontal | N/A     |
| 4** | 5307.400        | 93.63            | -3.30       | --             | --              | AV       | 209.00         | 150         | Horizontal | N/A     |
| 5   | 7396.175        | 49.36            | -1.62       | 74.0           | -24.64          | Peak     | 155.00         | 150         | Horizontal | Pass    |
| 5** | 7396.175        | 39.87            | -1.62       | 54.0           | -14.13          | AV       | 155.00         | 150         | Horizontal | Pass    |
| 6   | 11663.825       | 51.66            | 2.50        | 74.0           | -22.34          | Peak     | 296.00         | 150         | Horizontal | Pass    |
| 6** | 11663.825       | 42.35            | 2.50        | 54.0           | -11.65          | AV       | 296.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1106.100        | 37.05            | -18.42      | 74.0           | -36.95          | Peak     | 272.00         | 150         | Vertical | Pass    |
| 1** | 1106.100        | 28.50            | -18.42      | 54.0           | -25.50          | AV       | 272.00         | 150         | Vertical | Pass    |
| 2   | 1487.900        | 38.54            | -17.73      | 74.0           | -35.46          | Peak     | 155.00         | 150         | Vertical | Pass    |
| 2** | 1487.900        | 29.25            | -17.73      | 54.0           | -24.75          | AV       | 155.00         | 150         | Vertical | Pass    |
| 3   | 4007.800        | 48.63            | -5.78       | 74.0           | -25.37          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 3** | 4007.800        | 38.37            | -5.78       | 54.0           | -15.63          | AV       | 360.00         | 150         | Vertical | Pass    |
| 4   | 5313.600        | 95.62            | -3.25       | --             | --              | Peak     | 187.00         | 150         | Vertical | N/A     |
| 4** | 5313.600        | 87.81            | -3.25       | --             | --              | AV       | 187.00         | 150         | Vertical | N/A     |
| 5   | 7375.187        | 48.98            | -1.77       | 74.0           | -25.02          | Peak     | 213.00         | 150         | Vertical | Pass    |
| 5** | 7375.187        | 40.52            | -1.77       | 54.0           | -13.48          | AV       | 213.00         | 150         | Vertical | Pass    |
| 6   | 11647.725       | 50.67            | 2.53        | 74.0           | -23.33          | Peak     | 34.00          | 150         | Vertical | Pass    |
| 6** | 11647.725       | 41.07            | 2.53        | 54.0           | -12.93          | AV       | 34.00          | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1195.700        | 37.98            | -18.19      | 74.0           | -36.02          | Peak     | 103.00         | 150         | Horizontal | Pass    |
| 1** | 1195.700        | 28.84            | -18.19      | 54.0           | -25.16          | AV       | 103.00         | 150         | Horizontal | Pass    |
| 2   | 1560.600        | 38.79            | -17.63      | 74.0           | -35.21          | Peak     | 120.00         | 150         | Horizontal | Pass    |
| 2** | 1560.600        | 29.97            | -17.63      | 54.0           | -24.03          | AV       | 120.00         | 150         | Horizontal | Pass    |
| 3   | 4263.600        | 49.75            | -4.81       | 74.0           | -24.25          | Peak     | 10.00          | 150         | Horizontal | Pass    |
| 3** | 4263.600        | 39.24            | -4.81       | 54.0           | -14.76          | AV       | 10.00          | 150         | Horizontal | Pass    |
| 4   | 5258.200        | 105.91           | -3.82       | --             | --              | Peak     | 201.00         | 150         | Horizontal | N/A     |
| 4** | 5258.200        | 98.31            | -3.82       | --             | --              | AV       | 201.00         | 150         | Horizontal | N/A     |
| 5   | 7391.288        | 48.82            | -1.73       | 74.0           | -25.18          | Peak     | 268.00         | 150         | Horizontal | Pass    |
| 5** | 7391.288        | 40.11            | -1.73       | 54.0           | -13.89          | AV       | 268.00         | 150         | Horizontal | Pass    |
| 6   | 11676.474       | 50.90            | 2.45        | 74.0           | -23.10          | Peak     | 343.00         | 150         | Horizontal | Pass    |
| 6** | 11676.474       | 42.85            | 2.45        | 54.0           | -11.15          | AV       | 343.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1175.900        | 38.18            | -18.48      | 74.0           | -35.82          | Peak     | 259.00         | 150         | Vertical | Pass    |
| 1** | 1175.900        | 28.70            | -18.48      | 54.0           | -25.30          | AV       | 259.00         | 150         | Vertical | Pass    |
| 2   | 1517.200        | 38.56            | -17.74      | 74.0           | -35.44          | Peak     | 276.00         | 150         | Vertical | Pass    |
| 2** | 1517.200        | 29.31            | -17.74      | 54.0           | -24.69          | AV       | 276.00         | 150         | Vertical | Pass    |
| 3   | 4256.800        | 48.82            | -4.76       | 74.0           | -25.18          | Peak     | 129.00         | 150         | Vertical | Pass    |
| 3** | 4256.800        | 39.63            | -4.76       | 54.0           | -14.37          | AV       | 129.00         | 150         | Vertical | Pass    |
| 4   | 5262.000        | 98.60            | -3.80       | --             | --              | Peak     | 181.00         | 150         | Vertical | N/A     |
| 4** | 5262.000        | 90.80            | -3.80       | --             | --              | AV       | 181.00         | 150         | Vertical | N/A     |
| 5   | 7398.475        | 49.33            | -1.62       | 74.0           | -24.67          | Peak     | 304.00         | 150         | Vertical | Pass    |
| 5** | 7398.475        | 39.62            | -1.62       | 54.0           | -14.38          | AV       | 304.00         | 150         | Vertical | Pass    |
| 6   | 11675.900       | 50.84            | 2.45        | 74.0           | -23.16          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 6** | 11675.900       | 41.81            | 2.45        | 54.0           | -12.19          | AV       | 360.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1012.600        | 37.51            | -18.18      | 74.0           | -36.49          | Peak     | 70.00          | 150         | Horizontal | Pass    |
| 1** | 1012.600        | 27.25            | -18.18      | 54.0           | -26.75          | AV       | 70.00          | 150         | Horizontal | Pass    |
| 2   | 1486.500        | 38.46            | -17.74      | 74.0           | -35.54          | Peak     | 351.00         | 150         | Horizontal | Pass    |
| 2** | 1486.500        | 28.94            | -17.74      | 54.0           | -25.06          | AV       | 351.00         | 150         | Horizontal | Pass    |
| 3   | 3909.800        | 47.43            | -5.94       | 74.0           | -26.57          | Peak     | 209.00         | 150         | Horizontal | Pass    |
| 3** | 3909.800        | 37.47            | -5.94       | 54.0           | -16.53          | AV       | 209.00         | 150         | Horizontal | Pass    |
| 4   | 5299.000        | 105.46           | -3.33       | --             | --              | Peak     | 173.00         | 150         | Horizontal | N/A     |
| 4** | 5299.000        | 98.05            | -3.33       | --             | --              | AV       | 173.00         | 150         | Horizontal | N/A     |
| 5   | 7408.825        | 49.11            | -1.75       | 74.0           | -24.89          | Peak     | 285.00         | 150         | Horizontal | Pass    |
| 5** | 7408.825        | 40.00            | -1.75       | 54.0           | -14.00          | AV       | 285.00         | 150         | Horizontal | Pass    |
| 6   | 11685.963       | 50.88            | 2.41        | 74.0           | -23.12          | Peak     | 70.00          | 150         | Horizontal | Pass    |
| 6** | 11685.963       | 42.05            | 2.41        | 54.0           | -11.95          | AV       | 70.00          | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1084.000        | 37.23            | -18.66      | 74.0           | -36.77          | Peak     | 142.00         | 150         | Vertical | Pass    |
| 1** | 1084.000        | 27.92            | -18.66      | 54.0           | -26.08          | AV       | 142.00         | 150         | Vertical | Pass    |
| 2   | 1515.300        | 38.56            | -17.77      | 74.0           | -35.44          | Peak     | 278.00         | 150         | Vertical | Pass    |
| 2** | 1515.300        | 29.21            | -17.77      | 54.0           | -24.79          | AV       | 278.00         | 150         | Vertical | Pass    |
| 3   | 4190.400        | 49.33            | -5.29       | 74.0           | -24.67          | Peak     | 156.00         | 150         | Vertical | Pass    |
| 3** | 4190.400        | 38.94            | -5.29       | 54.0           | -15.06          | AV       | 156.00         | 150         | Vertical | Pass    |
| 4   | 5302.600        | 98.85            | -3.28       | --             | --              | Peak     | 179.00         | 150         | Vertical | N/A     |
| 4** | 5302.600        | 91.35            | -3.28       | --             | --              | AV       | 179.00         | 150         | Vertical | N/A     |
| 5   | 7407.100        | 49.89            | -1.73       | 74.0           | -24.11          | Peak     | 109.00         | 150         | Vertical | Pass    |
| 5** | 7407.100        | 39.63            | -1.73       | 54.0           | -14.37          | AV       | 109.00         | 150         | Vertical | Pass    |
| 6   | 11683.951       | 51.21            | 2.42        | 74.0           | -22.79          | Peak     | 81.00          | 150         | Vertical | Pass    |
| 6** | 11683.951       | 42.12            | 2.42        | 54.0           | -11.88          | AV       | 81.00          | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1139.100        | 37.39            | -18.34      | 74.0           | -36.61          | Peak     | 338.00         | 150         | Horizontal | Pass    |
| 1** | 1139.100        | 28.62            | -18.34      | 54.0           | -25.38          | AV       | 338.00         | 150         | Horizontal | Pass    |
| 2   | 1468.800        | 38.93            | -17.66      | 74.0           | -35.07          | Peak     | 25.00          | 150         | Horizontal | Pass    |
| 2** | 1468.800        | 29.60            | -17.66      | 54.0           | -24.40          | AV       | 25.00          | 150         | Horizontal | Pass    |
| 3   | 4244.200        | 49.55            | -4.87       | 74.0           | -24.45          | Peak     | 267.00         | 150         | Horizontal | Pass    |
| 3** | 4244.200        | 39.01            | -4.87       | 54.0           | -14.99          | AV       | 267.00         | 150         | Horizontal | Pass    |
| 4   | 5321.000        | 105.46           | -3.24       | --             | --              | Peak     | 208.00         | 150         | Horizontal | N/A     |
| 4** | 5321.000        | 97.62            | -3.24       | --             | --              | AV       | 208.00         | 150         | Horizontal | N/A     |
| 5   | 7493.350        | 49.21            | -1.86       | 74.0           | -24.79          | Peak     | 5.00           | 150         | Horizontal | Pass    |
| 5** | 7493.350        | 39.71            | -1.86       | 54.0           | -14.29          | AV       | 5.00           | 150         | Horizontal | Pass    |
| 6   | 11765.888       | 50.93            | 1.39        | 74.0           | -23.07          | Peak     | 348.00         | 150         | Horizontal | Pass    |
| 6** | 11765.888       | 41.45            | 1.39        | 54.0           | -12.55          | AV       | 348.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1150.100        | 37.63            | -18.33      | 74.0           | -36.37          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 1** | 1150.100        | 28.02            | -18.33      | 54.0           | -25.98          | AV       | 0.00           | 150         | Vertical | Pass    |
| 2   | 1452.800        | 38.84            | -17.63      | 74.0           | -35.16          | Peak     | 243.00         | 150         | Vertical | Pass    |
| 2** | 1452.800        | 29.72            | -17.63      | 54.0           | -24.28          | AV       | 243.00         | 150         | Vertical | Pass    |
| 3   | 4189.800        | 48.64            | -5.27       | 74.0           | -25.36          | Peak     | 17.00          | 150         | Vertical | Pass    |
| 3** | 4189.800        | 39.38            | -5.27       | 54.0           | -14.62          | AV       | 17.00          | 150         | Vertical | Pass    |
| 4   | 5318.400        | 99.38            | -3.27       | --             | --              | Peak     | 165.00         | 150         | Vertical | N/A     |
| 4** | 5318.400        | 92.21            | -3.27       | --             | --              | AV       | 165.00         | 150         | Vertical | N/A     |
| 5   | 7507.438        | 48.59            | -1.84       | 74.0           | -25.41          | Peak     | 307.00         | 150         | Vertical | Pass    |
| 5** | 7507.438        | 39.17            | -1.84       | 54.0           | -14.83          | AV       | 307.00         | 150         | Vertical | Pass    |
| 6   | 11690.276       | 50.82            | 2.38        | 74.0           | -23.18          | Peak     | 307.00         | 150         | Vertical | Pass    |
| 6** | 11690.276       | 42.28            | 2.38        | 54.0           | -11.72          | AV       | 307.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1582.400        | 39.19            | -17.59      | 74.0           | -34.81          | Peak     | 91.00          | 150         | Horizontal | Pass    |
| 1** | 1582.400        | 29.13            | -17.59      | 54.0           | -24.87          | AV       | 91.00          | 150         | Horizontal | Pass    |
| 2   | 2792.200        | 44.22            | -11.15      | 74.0           | -29.78          | Peak     | 85.00          | 150         | Horizontal | Pass    |
| 2** | 2792.200        | 35.06            | -11.15      | 54.0           | -18.94          | AV       | 85.00          | 150         | Horizontal | Pass    |
| 3   | 4031.600        | 48.10            | -5.38       | 74.0           | -25.90          | Peak     | 268.00         | 150         | Horizontal | Pass    |
| 3** | 4031.600        | 38.91            | -5.38       | 54.0           | -15.09          | AV       | 268.00         | 150         | Horizontal | Pass    |
| 4   | 5275.200        | 102.13           | -3.64       | --             | --              | Peak     | 174.00         | 150         | Horizontal | N/A     |
| 4** | 5275.200        | 94.75            | -3.64       | --             | --              | AV       | 174.00         | 150         | Horizontal | N/A     |
| 5   | 7392.150        | 49.36            | -1.71       | 74.0           | -24.64          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 5** | 7392.150        | 40.40            | -1.71       | 54.0           | -13.60          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 6   | 11688.549       | 51.68            | 2.40        | 74.0           | -22.32          | Peak     | 173.00         | 150         | Horizontal | Pass    |
| 6** | 11688.549       | 42.12            | 2.40        | 54.0           | -11.88          | AV       | 173.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1486.900        | 38.77            | -17.74      | 74.0           | -35.23          | Peak     | 192.00         | 150         | Vertical | Pass    |
| 1** | 1486.900        | 29.51            | -17.74      | 54.0           | -24.49          | AV       | 192.00         | 150         | Vertical | Pass    |
| 2   | 2877.300        | 45.84            | -10.43      | 74.0           | -28.16          | Peak     | 287.00         | 150         | Vertical | Pass    |
| 2** | 2877.300        | 35.46            | -10.43      | 54.0           | -18.54          | AV       | 287.00         | 150         | Vertical | Pass    |
| 3   | 4309.400        | 49.38            | -5.03       | 74.0           | -24.62          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 3** | 4309.400        | 39.02            | -5.03       | 54.0           | -14.98          | AV       | 360.00         | 150         | Vertical | Pass    |
| 4   | 5267.800        | 93.81            | -3.78       | --             | --              | Peak     | 39.00          | 150         | Vertical | N/A     |
| 4** | 5267.800        | 86.36            | -3.78       | --             | --              | AV       | 39.00          | 150         | Vertical | N/A     |
| 5   | 7482.713        | 49.11            | -1.83       | 74.0           | -24.89          | Peak     | 359.00         | 150         | Vertical | Pass    |
| 5** | 7482.713        | 39.72            | -1.83       | 54.0           | -14.28          | AV       | 359.00         | 150         | Vertical | Pass    |
| 6   | 11673.312       | 51.17            | 2.46        | 74.0           | -22.83          | Peak     | 90.00          | 150         | Vertical | Pass    |
| 6** | 11673.312       | 41.52            | 2.46        | 54.0           | -12.48          | AV       | 90.00          | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1568.700        | 39.13            | -17.58      | 74.0           | -34.87          | Peak     | 19.00          | 150         | Horizontal | Pass    |
| 1** | 1568.700        | 28.97            | -17.58      | 54.0           | -25.03          | AV       | 19.00          | 150         | Horizontal | Pass    |
| 2   | 2805.000        | 44.41            | -11.05      | 74.0           | -29.59          | Peak     | 359.00         | 150         | Horizontal | Pass    |
| 2** | 2805.000        | 34.83            | -11.05      | 54.0           | -19.17          | AV       | 359.00         | 150         | Horizontal | Pass    |
| 3   | 3768.000        | 47.47            | -6.20       | 74.0           | -26.53          | Peak     | 122.00         | 150         | Horizontal | Pass    |
| 3** | 3768.000        | 38.04            | -6.20       | 54.0           | -15.96          | AV       | 122.00         | 150         | Horizontal | Pass    |
| 4   | 5305.800        | 101.79           | -3.32       | --             | --              | Peak     | 181.00         | 150         | Horizontal | N/A     |
| 4** | 5305.800        | 92.97            | -3.32       | --             | --              | AV       | 181.00         | 150         | Horizontal | N/A     |
| 5   | 7507.438        | 49.09            | -1.84       | 74.0           | -24.91          | Peak     | 126.00         | 150         | Horizontal | Pass    |
| 5** | 7507.438        | 38.48            | -1.84       | 54.0           | -15.52          | AV       | 126.00         | 150         | Horizontal | Pass    |
| 6   | 11656.637       | 51.00            | 2.53        | 74.0           | -23.00          | Peak     | 191.00         | 150         | Horizontal | Pass    |
| 6** | 11656.637       | 42.06            | 2.53        | 54.0           | -11.94          | AV       | 191.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1571.100        | 39.56            | -17.59      | 74.0           | -34.44          | Peak     | 92.00          | 150         | Vertical | Pass    |
| 1** | 1571.100        | 29.46            | -17.59      | 54.0           | -24.54          | AV       | 92.00          | 150         | Vertical | Pass    |
| 2   | 2738.900        | 43.92            | -10.68      | 74.0           | -30.08          | Peak     | 97.00          | 150         | Vertical | Pass    |
| 2** | 2738.900        | 34.62            | -10.68      | 54.0           | -19.38          | AV       | 97.00          | 150         | Vertical | Pass    |
| 3   | 3796.600        | 47.27            | -5.69       | 74.0           | -26.73          | Peak     | 203.00         | 150         | Vertical | Pass    |
| 3** | 3796.600        | 38.38            | -5.69       | 54.0           | -15.62          | AV       | 203.00         | 150         | Vertical | Pass    |
| 4   | 5311.200        | 94.79            | -3.26       | --             | --              | Peak     | 188.00         | 150         | Vertical | N/A     |
| 4** | 5311.200        | 86.96            | -3.26       | --             | --              | AV       | 188.00         | 150         | Vertical | N/A     |
| 5   | 7532.450        | 49.44            | -1.68       | 74.0           | -24.56          | Peak     | 109.00         | 150         | Vertical | Pass    |
| 5** | 7532.450        | 39.36            | -1.68       | 54.0           | -14.64          | AV       | 109.00         | 150         | Vertical | Pass    |
| 6   | 11235.162       | 50.42            | 0.28        | 74.0           | -23.58          | Peak     | 268.00         | 150         | Vertical | Pass    |
| 6** | 11235.162       | 40.42            | 0.28        | 54.0           | -13.58          | AV       | 268.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1149.400        | 38.35            | -18.35      | 74.0           | -35.65          | Peak     | 282.00         | 150         | Horizontal | Pass    |
| 1** | 1149.400        | 28.09            | -18.35      | 54.0           | -25.91          | AV       | 282.00         | 150         | Horizontal | Pass    |
| 2   | 2858.700        | 44.83            | -10.57      | 74.0           | -29.17          | Peak     | 226.00         | 150         | Horizontal | Pass    |
| 2** | 2858.700        | 35.95            | -10.57      | 54.0           | -18.05          | AV       | 226.00         | 150         | Horizontal | Pass    |
| 3   | 4090.800        | 48.39            | -5.06       | 74.0           | -25.61          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 3** | 4090.800        | 39.02            | -5.06       | 54.0           | -14.98          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 4   | 5283.400        | 98.03            | -3.52       | --             | --              | Peak     | 172.00         | 150         | Horizontal | N/A     |
| 4** | 5283.400        | 89.72            | -3.52       | --             | --              | AV       | 172.00         | 150         | Horizontal | N/A     |
| 5   | 7404.225        | 48.67            | -1.69       | 74.0           | -25.33          | Peak     | 72.00          | 150         | Horizontal | Pass    |
| 5** | 7404.225        | 39.92            | -1.69       | 54.0           | -14.08          | AV       | 72.00          | 150         | Horizontal | Pass    |
| 6   | 11720.750       | 51.15            | 1.99        | 74.0           | -22.85          | Peak     | 34.00          | 150         | Horizontal | Pass    |
| 6** | 11720.750       | 41.96            | 1.99        | 54.0           | -12.04          | AV       | 34.00          | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1354.500        | 39.05            | -17.57      | 74.0           | -34.95          | Peak     | 305.00         | 150         | Vertical | Pass    |
| 1** | 1354.500        | 29.26            | -17.57      | 54.0           | -24.74          | AV       | 305.00         | 150         | Vertical | Pass    |
| 2   | 2752.200        | 45.06            | -10.86      | 74.0           | -28.94          | Peak     | 222.00         | 150         | Vertical | Pass    |
| 2** | 2752.200        | 34.71            | -10.86      | 54.0           | -19.29          | AV       | 222.00         | 150         | Vertical | Pass    |
| 3   | 4198.400        | 49.61            | -5.25       | 74.0           | -24.39          | Peak     | 284.00         | 150         | Vertical | Pass    |
| 3** | 4198.400        | 39.34            | -5.25       | 54.0           | -14.66          | AV       | 284.00         | 150         | Vertical | Pass    |
| 4   | 5292.800        | 90.85            | -3.37       | --             | --              | Peak     | 188.00         | 150         | Vertical | N/A     |
| 4** | 5292.800        | 83.37            | -3.37       | --             | --              | AV       | 188.00         | 150         | Vertical | N/A     |
| 5   | 7475.812        | 48.62            | -1.95       | 74.0           | -25.38          | Peak     | 323.00         | 150         | Vertical | Pass    |
| 5** | 7475.812        | 39.52            | -1.95       | 54.0           | -14.48          | AV       | 323.00         | 150         | Vertical | Pass    |
| 6   | 11686.537       | 50.86            | 2.41        | 74.0           | -23.14          | Peak     | 5.00           | 150         | Vertical | Pass    |
| 6** | 11686.537       | 42.30            | 2.41        | 54.0           | -11.70          | AV       | 5.00           | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1203.100        | 40.13            | -18.11      | 74.0           | -33.87          | Peak     | 41.00          | 150         | Horizontal | Pass    |
| 1** | 1203.100        | 28.73            | -18.11      | 54.0           | -25.27          | AV       | 41.00          | 150         | Horizontal | Pass    |
| 2   | 2834.400        | 44.40            | -10.77      | 74.0           | -29.60          | Peak     | 179.00         | 150         | Horizontal | Pass    |
| 2** | 2834.400        | 34.88            | -10.77      | 54.0           | -19.12          | AV       | 179.00         | 150         | Horizontal | Pass    |
| 3   | 4028.000        | 47.66            | -5.47       | 74.0           | -26.34          | Peak     | 48.00          | 150         | Horizontal | Pass    |
| 3** | 4028.000        | 38.00            | -5.47       | 54.0           | -16.00          | AV       | 48.00          | 150         | Horizontal | Pass    |
| 4   | 5498.000        | 107.56           | -2.81       | --             | --              | Peak     | 189.00         | 150         | Horizontal | N/A     |
| 4** | 5498.000        | 99.57            | -2.81       | --             | --              | AV       | 189.00         | 150         | Horizontal | N/A     |
| 5   | 7541.362        | 48.10            | -1.65       | 74.0           | -25.90          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 5** | 7541.362        | 39.11            | -1.65       | 54.0           | -14.89          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 6   | 11637.088       | 50.44            | 2.41        | 74.0           | -23.56          | Peak     | 80.00          | 150         | Horizontal | Pass    |
| 6** | 11637.088       | 41.33            | 2.41        | 54.0           | -12.67          | AV       | 80.00          | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1333.500        | 40.82            | -17.75      | 74.0           | -33.18          | Peak     | 351.00         | 150         | Vertical | Pass    |
| 1** | 1333.500        | 34.61            | -17.75      | 54.0           | -19.39          | AV       | 351.00         | 150         | Vertical | Pass    |
| 2   | 2802.000        | 44.28            | -11.11      | 74.0           | -29.72          | Peak     | 324.00         | 150         | Vertical | Pass    |
| 2** | 2802.000        | 34.19            | -11.11      | 54.0           | -19.81          | AV       | 324.00         | 150         | Vertical | Pass    |
| 3   | 4044.400        | 48.32            | -5.39       | 74.0           | -25.68          | Peak     | 47.00          | 150         | Vertical | Pass    |
| 3** | 4044.400        | 38.63            | -5.39       | 54.0           | -15.37          | AV       | 47.00          | 150         | Vertical | Pass    |
| 4   | 5502.000        | 102.33           | -2.88       | --             | --              | Peak     | 357.00         | 150         | Vertical | N/A     |
| 4** | 5502.000        | 94.66            | -2.88       | --             | --              | AV       | 357.00         | 150         | Vertical | N/A     |
| 5   | 7606.050        | 48.57            | -2.29       | 74.0           | -25.43          | Peak     | 177.00         | 150         | Vertical | Pass    |
| 5** | 7606.050        | 38.71            | -2.29       | 54.0           | -15.29          | AV       | 177.00         | 150         | Vertical | Pass    |
| 6   | 11623.576       | 51.01            | 2.26        | 74.0           | -22.99          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 6** | 11623.576       | 41.14            | 2.26        | 54.0           | -12.86          | AV       | 360.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1198.600        | 40.38            | -18.18      | 74.0           | -33.62          | Peak     | 22.00          | 150         | Horizontal | Pass    |
| 1** | 1198.600        | 29.51            | -18.18      | 54.0           | -24.49          | AV       | 22.00          | 150         | Horizontal | Pass    |
| 2   | 2862.100        | 45.05            | -10.60      | 74.0           | -28.95          | Peak     | 145.00         | 150         | Horizontal | Pass    |
| 2** | 2862.100        | 34.60            | -10.60      | 54.0           | -19.40          | AV       | 145.00         | 150         | Horizontal | Pass    |
| 3   | 4033.800        | 47.42            | -5.36       | 74.0           | -26.58          | Peak     | 41.00          | 150         | Horizontal | Pass    |
| 3** | 4033.800        | 38.55            | -5.36       | 54.0           | -15.45          | AV       | 41.00          | 150         | Horizontal | Pass    |
| 4   | 5582.600        | 106.16           | -3.26       | --             | --              | Peak     | 211.00         | 150         | Horizontal | N/A     |
| 4** | 5582.600        | 98.37            | -3.26       | --             | --              | AV       | 211.00         | 150         | Horizontal | N/A     |
| 5   | 7545.388        | 48.78            | -1.59       | 74.0           | -25.22          | Peak     | 113.00         | 150         | Horizontal | Pass    |
| 5** | 7545.388        | 38.75            | -1.59       | 54.0           | -15.25          | AV       | 113.00         | 150         | Horizontal | Pass    |
| 6   | 11630.188       | 50.63            | 2.34        | 74.0           | -23.37          | Peak     | 298.00         | 150         | Horizontal | Pass    |
| 6** | 11630.188       | 40.80            | 2.34        | 54.0           | -13.20          | AV       | 298.00         | 150         | 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   | 1330.800        | 41.97            | -17.71      | 74.0           | -32.03          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 1** | 1330.800        | 28.71            | -17.71      | 54.0           | -25.29          | AV       | 0.00           | 150         | Vertical | Pass    |
| 2   | 2740.700        | 44.36            | -10.70      | 74.0           | -29.64          | Peak     | 212.00         | 150         | Vertical | Pass    |
| 2** | 2740.700        | 35.53            | -10.70      | 54.0           | -18.47          | AV       | 212.00         | 150         | Vertical | Pass    |
| 3   | 4045.000        | 47.79            | -5.39       | 74.0           | -26.21          | Peak     | 143.00         | 150         | Vertical | Pass    |
| 3** | 4045.000        | 38.42            | -5.39       | 54.0           | -15.58          | AV       | 143.00         | 150         | Vertical | Pass    |
| 4   | 5578.600        | 105.19           | -3.15       | --             | --              | Peak     | 173.00         | 150         | Vertical | N/A     |
| 4** | 5578.600        | 96.85            | -3.15       | --             | --              | AV       | 173.00         | 150         | Vertical | N/A     |
| 5   | 7550.562        | 49.03            | -1.60       | 74.0           | -24.97          | Peak     | 102.00         | 150         | Vertical | Pass    |
| 5** | 7550.562        | 38.74            | -1.60       | 54.0           | -15.26          | AV       | 102.00         | 150         | Vertical | Pass    |
| 6   | 12234.800       | 50.64            | 2.63        | 74.0           | -23.36          | Peak     | 344.00         | 150         | Vertical | Pass    |
| 6** | 12234.800       | 41.12            | 2.63        | 54.0           | -12.88          | AV       | 344.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1195.800        | 40.76            | -18.19      | 74.0           | -33.24          | Peak     | 45.00          | 150         | Horizontal | Pass    |
| 1** | 1195.800        | 29.28            | -18.19      | 54.0           | -24.72          | AV       | 45.00          | 150         | Horizontal | Pass    |
| 2   | 2818.900        | 44.58            | -10.62      | 74.0           | -29.42          | Peak     | 275.00         | 150         | Horizontal | Pass    |
| 2** | 2818.900        | 35.43            | -10.62      | 54.0           | -18.57          | AV       | 275.00         | 150         | Horizontal | Pass    |
| 3   | 4220.600        | 48.83            | -4.75       | 74.0           | -25.17          | Peak     | 305.00         | 150         | Horizontal | Pass    |
| 3** | 4220.600        | 38.95            | -4.75       | 54.0           | -15.05          | AV       | 305.00         | 150         | Horizontal | Pass    |
| 4   | 5697.800        | 107.69           | -3.93       | --             | --              | Peak     | 254.00         | 150         | Horizontal | N/A     |
| 4** | 5697.800        | 100.20           | -3.93       | --             | --              | AV       | 254.00         | 150         | Horizontal | N/A     |
| 5   | 7548.837        | 48.13            | -1.59       | 74.0           | -25.87          | Peak     | 120.00         | 150         | Horizontal | Pass    |
| 5** | 7548.837        | 39.69            | -1.59       | 54.0           | -14.31          | AV       | 120.00         | 150         | Horizontal | Pass    |
| 6   | 11620.700       | 50.72            | 2.23        | 74.0           | -23.28          | Peak     | 252.00         | 150         | Horizontal | Pass    |
| 6** | 11620.700       | 41.49            | 2.23        | 54.0           | -12.51          | AV       | 252.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1330.600        | 43.96            | -17.71      | 74.0           | -30.04          | Peak     | 352.00         | 150         | Vertical | Pass    |
| 1** | 1330.600        | 28.94            | -17.71      | 54.0           | -25.06          | AV       | 352.00         | 150         | Vertical | Pass    |
| 2   | 2877.500        | 44.77            | -10.42      | 74.0           | -29.23          | Peak     | 129.00         | 150         | Vertical | Pass    |
| 2** | 2877.500        | 34.62            | -10.42      | 54.0           | -19.38          | AV       | 129.00         | 150         | Vertical | Pass    |
| 3   | 4167.000        | 48.54            | -4.92       | 74.0           | -25.46          | Peak     | 174.00         | 150         | Vertical | Pass    |
| 3** | 4167.000        | 38.43            | -4.92       | 54.0           | -15.57          | AV       | 174.00         | 150         | Vertical | Pass    |
| 4   | 5699.000        | 103.14           | -3.93       | --             | --              | Peak     | 159.00         | 150         | Vertical | N/A     |
| 4** | 5699.000        | 95.57            | -3.93       | --             | --              | AV       | 159.00         | 150         | Vertical | N/A     |
| 5   | 7391.288        | 47.72            | -1.73       | 74.0           | -26.28          | Peak     | 56.00          | 150         | Vertical | Pass    |
| 5** | 7391.288        | 38.91            | -1.73       | 54.0           | -15.09          | AV       | 56.00          | 150         | Vertical | Pass    |
| 6   | 11002.287       | 50.42            | 0.72        | 74.0           | -23.58          | Peak     | 243.00         | 150         | Vertical | Pass    |
| 6** | 11002.287       | 40.74            | 0.72        | 54.0           | -13.26          | AV       | 243.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1201.900        | 40.14            | -18.13      | 74.0           | -33.86          | Peak     | 15.00          | 150         | Horizontal | Pass    |
| 1** | 1201.900        | 28.58            | -18.13      | 54.0           | -25.42          | AV       | 15.00          | 150         | Horizontal | Pass    |
| 2   | 2730.400        | 44.49            | -10.67      | 74.0           | -29.51          | Peak     | 211.00         | 150         | Horizontal | Pass    |
| 2** | 2730.400        | 34.63            | -10.67      | 54.0           | -19.37          | AV       | 211.00         | 150         | Horizontal | Pass    |
| 3   | 4207.800        | 48.96            | -5.09       | 74.0           | -25.04          | Peak     | 343.00         | 150         | Horizontal | Pass    |
| 3** | 4207.800        | 38.82            | -5.09       | 54.0           | -15.18          | AV       | 343.00         | 150         | Horizontal | Pass    |
| 4   | 5722.000        | 108.32           | -3.67       | --             | --              | Peak     | 255.00         | 150         | Horizontal | N/A     |
| 4** | 5722.000        | 101.24           | -3.67       | --             | --              | AV       | 255.00         | 150         | Horizontal | N/A     |
| 5   | 7387.550        | 48.48            | -1.73       | 74.0           | -25.52          | Peak     | 66.00          | 150         | Horizontal | Pass    |
| 5** | 7387.550        | 39.51            | -1.73       | 54.0           | -14.49          | AV       | 66.00          | 150         | Horizontal | Pass    |
| 6   | 12219.275       | 50.73            | 2.60        | 74.0           | -23.27          | Peak     | 234.00         | 150         | Horizontal | Pass    |
| 6** | 12219.275       | 41.01            | 2.60        | 54.0           | -12.99          | AV       | 234.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1328.000        | 39.86            | -17.65      | 74.0           | -34.14          | Peak     | 172.00         | 150         | Vertical | Pass    |
| 1** | 1328.000        | 28.84            | -17.65      | 54.0           | -25.16          | AV       | 172.00         | 150         | Vertical | Pass    |
| 2   | 2733.900        | 43.64            | -10.77      | 74.0           | -30.36          | Peak     | 150.00         | 150         | Vertical | Pass    |
| 2** | 2733.900        | 34.83            | -10.77      | 54.0           | -19.17          | AV       | 150.00         | 150         | Vertical | Pass    |
| 3   | 4008.400        | 47.78            | -5.79       | 74.0           | -26.22          | Peak     | 165.00         | 150         | Vertical | Pass    |
| 3** | 4008.400        | 38.21            | -5.79       | 54.0           | -15.79          | AV       | 165.00         | 150         | Vertical | Pass    |
| 4   | 5722.000        | 102.66           | -3.67       | --             | --              | Peak     | 165.00         | 150         | Vertical | N/A     |
| 4** | 5722.000        | 95.15            | -3.67       | --             | --              | AV       | 165.00         | 150         | Vertical | N/A     |
| 5   | 7543.375        | 48.10            | -1.63       | 74.0           | -25.90          | Peak     | 297.00         | 150         | Vertical | Pass    |
| 5** | 7543.375        | 39.60            | -1.63       | 54.0           | -14.40          | AV       | 297.00         | 150         | Vertical | Pass    |
| 6   | 11677.625       | 51.63            | 2.45        | 74.0           | -22.37          | Peak     | 155.00         | 150         | Vertical | Pass    |
| 6** | 11677.625       | 42.06            | 2.45        | 54.0           | -11.94          | AV       | 155.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1328.000        | 39.86            | -17.65      | 74.0           | -34.14          | Peak     | 172.00         | 150         | Vertical | Pass    |
| 1** | 1328.000        | 28.84            | -17.65      | 54.0           | -25.16          | AV       | 172.00         | 150         | Vertical | Pass    |
| 2   | 2733.900        | 43.64            | -10.77      | 74.0           | -30.36          | Peak     | 150.00         | 150         | Vertical | Pass    |
| 2** | 2733.900        | 34.83            | -10.77      | 54.0           | -19.17          | AV       | 150.00         | 150         | Vertical | Pass    |
| 3   | 4008.400        | 47.78            | -5.79       | 74.0           | -26.22          | Peak     | 165.00         | 150         | Vertical | Pass    |
| 3** | 4008.400        | 38.21            | -5.79       | 54.0           | -15.79          | AV       | 165.00         | 150         | Vertical | Pass    |
| 4   | 5722.000        | 102.66           | -3.67       | --             | --              | Peak     | 165.00         | 150         | Vertical | N/A     |
| 4** | 5722.000        | 95.15            | -3.67       | --             | --              | AV       | 165.00         | 150         | Vertical | N/A     |
| 5   | 7543.375        | 48.10            | -1.63       | 74.0           | -25.90          | Peak     | 297.00         | 150         | Vertical | Pass    |
| 5** | 7543.375        | 39.60            | -1.63       | 54.0           | -14.40          | AV       | 297.00         | 150         | Vertical | Pass    |
| 6   | 11677.625       | 51.63            | 2.45        | 74.0           | -22.37          | Peak     | 155.00         | 150         | Vertical | Pass    |
| 6** | 11677.625       | 42.06            | 2.45        | 54.0           | -11.94          | AV       | 155.00         | 150         | Vertical | 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   | 1327.200        | 41.67            | -17.65      | 74.0           | -32.33          | Peak     | 173.00         | 150         | Vertical | Pass    |
| 1** | 1327.200        | 32.04            | -17.65      | 54.0           | -21.96          | AV       | 173.00         | 150         | Vertical | Pass    |
| 2   | 2804.500        | 45.82            | -11.06      | 74.0           | -28.18          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 2** | 2804.500        | 34.60            | -11.06      | 54.0           | -19.40          | AV       | 360.00         | 150         | Vertical | Pass    |
| 3   | 4288.000        | 48.95            | -4.76       | 74.0           | -25.05          | Peak     | 268.00         | 150         | Vertical | Pass    |
| 3** | 4288.000        | 38.79            | -4.76       | 54.0           | -15.21          | AV       | 268.00         | 150         | Vertical | Pass    |
| 4   | 5502.200        | 101.14           | -2.89       | --             | --              | Peak     | 356.00         | 150         | Vertical | N/A     |
| 4** | 5502.200        | 93.09            | -2.89       | --             | --              | AV       | 356.00         | 150         | Vertical | N/A     |
| 5   | 7552.575        | 48.60            | -1.56       | 74.0           | -25.40          | Peak     | 271.00         | 150         | Vertical | Pass    |
| 5** | 7552.575        | 39.14            | -1.56       | 54.0           | -14.86          | AV       | 271.00         | 150         | Vertical | Pass    |
| 6   | 11657.500       | 50.68            | 2.53        | 74.0           | -23.32          | Peak     | 271.00         | 150         | Vertical | Pass    |
| 6** | 11657.500       | 41.56            | 2.53        | 54.0           | -12.44          | AV       | 271.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1200.100        | 39.91            | -18.16      | 74.0           | -34.09          | Peak     | 28.00          | 150         | Horizontal | Pass    |
| 1** | 1200.100        | 27.94            | -18.16      | 54.0           | -26.06          | AV       | 28.00          | 150         | Horizontal | Pass    |
| 2   | 2748.200        | 43.60            | -10.79      | 74.0           | -30.40          | Peak     | 168.00         | 150         | Horizontal | Pass    |
| 2** | 2748.200        | 34.41            | -10.79      | 54.0           | -19.59          | AV       | 168.00         | 150         | Horizontal | Pass    |
| 3   | 4211.000        | 48.89            | -4.97       | 74.0           | -25.11          | Peak     | 197.00         | 150         | Horizontal | Pass    |
| 3** | 4211.000        | 40.27            | -4.97       | 54.0           | -13.73          | AV       | 197.00         | 150         | Horizontal | Pass    |
| 4   | 5578.400        | 105.65           | -3.15       | --             | --              | Peak     | 212.00         | 150         | Horizontal | N/A     |
| 4** | 5578.400        | 97.51            | -3.15       | --             | --              | AV       | 212.00         | 150         | Horizontal | N/A     |
| 5   | 7388.412        | 47.99            | -1.74       | 74.0           | -26.01          | Peak     | 167.00         | 150         | Horizontal | Pass    |
| 5** | 7388.412        | 39.19            | -1.74       | 54.0           | -14.81          | AV       | 167.00         | 150         | Horizontal | Pass    |
| 6   | 11659.513       | 50.79            | 2.52        | 74.0           | -23.21          | Peak     | 270.00         | 150         | Horizontal | Pass    |
| 6** | 11659.513       | 41.28            | 2.52        | 54.0           | -12.72          | AV       | 270.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1328.300        | 45.39            | -17.65      | 74.0           | -28.61          | Peak     | 357.00         | 150         | Vertical | Pass    |
| 1** | 1328.300        | 30.37            | -17.65      | 54.0           | -23.63          | AV       | 357.00         | 150         | Vertical | Pass    |
| 2   | 2860.900        | 44.78            | -10.56      | 74.0           | -29.22          | Peak     | 245.00         | 150         | Vertical | Pass    |
| 2** | 2860.900        | 34.75            | -10.56      | 54.0           | -19.25          | AV       | 245.00         | 150         | Vertical | Pass    |
| 3   | 4105.400        | 48.22            | -5.31       | 74.0           | -25.78          | Peak     | 183.00         | 150         | Vertical | Pass    |
| 3** | 4105.400        | 37.96            | -5.31       | 54.0           | -16.04          | AV       | 183.00         | 150         | Vertical | Pass    |
| 4   | 5577.600        | 103.45           | -3.15       | --             | --              | Peak     | 175.00         | 150         | Vertical | N/A     |
| 4** | 5577.600        | 95.68            | -3.15       | --             | --              | AV       | 175.00         | 150         | Vertical | N/A     |
| 5   | 7552.288        | 48.56            | -1.56       | 74.0           | -25.44          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 5** | 7552.288        | 39.58            | -1.56       | 54.0           | -14.42          | AV       | 0.00           | 150         | Vertical | Pass    |
| 6   | 11656.925       | 50.57            | 2.53        | 74.0           | -23.43          | Peak     | 232.00         | 150         | Vertical | Pass    |
| 6** | 11656.925       | 41.48            | 2.53        | 54.0           | -12.52          | AV       | 232.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1202.700        | 39.83            | -18.11      | 74.0           | -34.17          | Peak     | 34.00          | 150         | Horizontal | Pass    |
| 1** | 1202.700        | 29.10            | -18.11      | 54.0           | -24.90          | AV       | 34.00          | 150         | Horizontal | Pass    |
| 2   | 2814.300        | 43.99            | -10.78      | 74.0           | -30.01          | Peak     | 118.00         | 150         | Horizontal | Pass    |
| 2** | 2814.300        | 34.62            | -10.78      | 54.0           | -19.38          | AV       | 118.00         | 150         | Horizontal | Pass    |
| 3   | 4101.000        | 47.96            | -5.29       | 74.0           | -26.04          | Peak     | 332.00         | 150         | Horizontal | Pass    |
| 3** | 4101.000        | 39.26            | -5.29       | 54.0           | -14.74          | AV       | 332.00         | 150         | Horizontal | Pass    |
| 4   | 5698.800        | 106.30           | -3.93       | --             | --              | Peak     | 256.00         | 150         | Horizontal | N/A     |
| 4** | 5698.800        | 98.56            | -3.93       | --             | --              | AV       | 256.00         | 150         | Horizontal | N/A     |
| 5   | 7488.750        | 48.16            | -1.84       | 74.0           | -25.84          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 5** | 7488.750        | 38.75            | -1.84       | 54.0           | -15.25          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 6   | 10840.713       | 49.69            | 0.21        | 74.0           | -24.31          | Peak     | 1.00           | 150         | Horizontal | Pass    |
| 6** | 10840.713       | 39.95            | 0.21        | 54.0           | -14.05          | AV       | 1.00           | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1330.800        | 41.29            | -17.71      | 74.0           | -32.71          | Peak     | 352.00         | 150         | Vertical | Pass    |
| 1** | 1330.800        | 29.70            | -17.71      | 54.0           | -24.30          | AV       | 352.00         | 150         | Vertical | Pass    |
| 2   | 2747.400        | 43.73            | -10.78      | 74.0           | -30.27          | Peak     | 4.00           | 150         | Vertical | Pass    |
| 2** | 2747.400        | 34.47            | -10.78      | 54.0           | -19.53          | AV       | 4.00           | 150         | Vertical | Pass    |
| 3   | 4215.800        | 48.57            | -4.81       | 74.0           | -25.43          | Peak     | 219.00         | 150         | Vertical | Pass    |
| 3** | 4215.800        | 38.78            | -4.81       | 54.0           | -15.22          | AV       | 219.00         | 150         | Vertical | Pass    |
| 4   | 5701.800        | 101.71           | -3.89       | --             | --              | Peak     | 174.00         | 150         | Vertical | N/A     |
| 4** | 5701.800        | 94.10            | -3.89       | --             | --              | AV       | 174.00         | 150         | Vertical | N/A     |
| 5   | 7609.500        | 48.37            | -2.27       | 74.0           | -25.63          | Peak     | 141.00         | 150         | Vertical | Pass    |
| 5** | 7609.500        | 38.47            | -2.27       | 54.0           | -15.53          | AV       | 141.00         | 150         | Vertical | Pass    |
| 6   | 11625.588       | 50.62            | 2.29        | 74.0           | -23.38          | Peak     | 169.00         | 150         | Vertical | Pass    |
| 6** | 11625.588       | 41.38            | 2.29        | 54.0           | -12.62          | AV       | 169.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1329.000        | 40.98            | -17.67      | 74.0           | -33.02          | Peak     | 61.00          | 150         | Horizontal | Pass    |
| 1** | 1329.000        | 29.23            | -17.67      | 54.0           | -24.77          | AV       | 61.00          | 150         | Horizontal | Pass    |
| 2   | 2851.700        | 44.34            | -10.71      | 74.0           | -29.66          | Peak     | 118.00         | 150         | Horizontal | Pass    |
| 2** | 2851.700        | 34.65            | -10.71      | 54.0           | -19.35          | AV       | 118.00         | 150         | Horizontal | Pass    |
| 3   | 3973.200        | 47.13            | -5.47       | 74.0           | -26.87          | Peak     | 48.00          | 150         | Horizontal | Pass    |
| 3** | 3973.200        | 37.56            | -5.47       | 54.0           | -16.44          | AV       | 48.00          | 150         | Horizontal | Pass    |
| 4   | 5719.200        | 106.71           | -3.74       | --             | --              | Peak     | 249.00         | 150         | Horizontal | N/A     |
| 4** | 5719.200        | 100.38           | -3.74       | --             | --              | AV       | 249.00         | 150         | Horizontal | N/A     |
| 5   | 7533.600        | 48.17            | -1.72       | 74.0           | -25.83          | Peak     | 166.00         | 150         | Horizontal | Pass    |
| 5** | 7533.600        | 38.43            | -1.72       | 54.0           | -15.57          | AV       | 166.00         | 150         | Horizontal | Pass    |
| 6   | 11659.225       | 50.77            | 2.52        | 74.0           | -23.23          | Peak     | 307.00         | 150         | Horizontal | Pass    |
| 6** | 11659.225       | 41.57            | 2.52        | 54.0           | -12.43          | AV       | 307.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1331.500        | 42.22            | -17.73      | 74.0           | -31.78          | Peak     | 346.00         | 150         | Vertical | Pass    |
| 1** | 1331.500        | 28.99            | -17.73      | 54.0           | -25.01          | AV       | 346.00         | 150         | Vertical | Pass    |
| 2   | 2779.300        | 44.31            | -11.19      | 74.0           | -29.69          | Peak     | 194.00         | 150         | Vertical | Pass    |
| 2** | 2779.300        | 33.98            | -11.19      | 54.0           | -20.02          | AV       | 194.00         | 150         | Vertical | Pass    |
| 3   | 4033.400        | 47.71            | -5.36       | 74.0           | -26.29          | Peak     | 26.00          | 150         | Vertical | Pass    |
| 3** | 4033.400        | 38.48            | -5.36       | 54.0           | -15.52          | AV       | 26.00          | 150         | Vertical | Pass    |
| 4   | 5719.000        | 100.24           | -3.75       | --             | --              | Peak     | 161.00         | 150         | Vertical | N/A     |
| 4** | 5719.000        | 93.34            | -3.75       | --             | --              | AV       | 161.00         | 150         | Vertical | N/A     |
| 5   | 7545.675        | 47.84            | -1.58       | 74.0           | -26.16          | Peak     | 223.00         | 150         | Vertical | Pass    |
| 5** | 7545.675        | 39.57            | -1.58       | 54.0           | -14.43          | AV       | 223.00         | 150         | Vertical | Pass    |
| 6   | 11654.625       | 51.06            | 2.54        | 74.0           | -22.94          | Peak     | 270.00         | 150         | Vertical | Pass    |
| 6** | 11654.625       | 41.75            | 2.54        | 54.0           | -12.25          | AV       | 270.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1202.300        | 39.83            | -18.12      | 74.0           | -34.17          | Peak     | 27.00          | 150         | Horizontal | Pass    |
| 1** | 1202.300        | 28.37            | -18.12      | 54.0           | -25.63          | AV       | 27.00          | 150         | Horizontal | Pass    |
| 2   | 2796.200        | 43.83            | -11.15      | 74.0           | -30.17          | Peak     | 298.00         | 150         | Horizontal | Pass    |
| 2** | 2796.200        | 34.82            | -11.15      | 54.0           | -19.18          | AV       | 298.00         | 150         | Horizontal | Pass    |
| 3   | 4176.200        | 48.54            | -4.86       | 74.0           | -25.46          | Peak     | 307.00         | 150         | Horizontal | Pass    |
| 3** | 4176.200        | 39.18            | -4.86       | 54.0           | -14.82          | AV       | 307.00         | 150         | Horizontal | Pass    |
| 4   | 5506.200        | 101.94           | -2.95       | --             | --              | Peak     | 190.00         | 150         | Horizontal | N/A     |
| 4** | 5506.200        | 94.21            | -2.95       | --             | --              | AV       | 190.00         | 150         | Horizontal | N/A     |
| 5   | 7487.312        | 47.99            | -1.85       | 74.0           | -26.01          | Peak     | 271.00         | 150         | Horizontal | Pass    |
| 5** | 7487.312        | 38.26            | -1.85       | 54.0           | -15.74          | AV       | 271.00         | 150         | Horizontal | Pass    |
| 6   | 11617.250       | 50.47            | 2.19        | 74.0           | -23.53          | Peak     | 289.00         | 150         | Horizontal | Pass    |
| 6** | 11617.250       | 40.68            | 2.19        | 54.0           | -13.32          | AV       | 289.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1331.100        | 40.68            | -17.72      | 74.0           | -33.32          | Peak     | 358.00         | 150         | Vertical | Pass    |
| 1** | 1331.100        | 31.87            | -17.72      | 54.0           | -22.13          | AV       | 358.00         | 150         | Vertical | Pass    |
| 2   | 2735.600        | 44.23            | -10.77      | 74.0           | -29.77          | Peak     | 69.00          | 150         | Vertical | Pass    |
| 2** | 2735.600        | 34.44            | -10.77      | 54.0           | -19.56          | AV       | 69.00          | 150         | Vertical | Pass    |
| 3   | 3775.400        | 47.72            | -5.87       | 74.0           | -26.28          | Peak     | 56.00          | 150         | Vertical | Pass    |
| 3** | 3775.400        | 37.89            | -5.87       | 54.0           | -16.11          | AV       | 56.00          | 150         | Vertical | Pass    |
| 4   | 5508.600        | 97.50            | -2.95       | --             | --              | Peak     | 145.00         | 150         | Vertical | N/A     |
| 4** | 5508.600        | 89.63            | -2.95       | --             | --              | AV       | 145.00         | 150         | Vertical | N/A     |
| 5   | 7545.100        | 48.74            | -1.60       | 74.0           | -25.26          | Peak     | 165.00         | 150         | Vertical | Pass    |
| 5** | 7545.100        | 38.88            | -1.60       | 54.0           | -15.12          | AV       | 165.00         | 150         | Vertical | Pass    |
| 6   | 11639.099       | 50.68            | 2.44        | 74.0           | -23.32          | Peak     | 241.00         | 150         | Vertical | Pass    |
| 6** | 11639.099       | 41.09            | 2.44        | 54.0           | -12.91          | AV       | 241.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1204.500        | 40.17            | -18.16      | 74.0           | -33.83          | Peak     | 298.00         | 150         | Horizontal | Pass    |
| 1** | 1204.500        | 30.40            | -18.16      | 54.0           | -23.60          | AV       | 298.00         | 150         | Horizontal | Pass    |
| 2   | 2832.700        | 44.17            | -10.72      | 74.0           | -29.83          | Peak     | 96.00          | 150         | Horizontal | Pass    |
| 2** | 2832.700        | 34.38            | -10.72      | 54.0           | -19.62          | AV       | 96.00          | 150         | Horizontal | Pass    |
| 3   | 4076.400        | 48.50            | -5.24       | 74.0           | -25.50          | Peak     | 79.00          | 150         | Horizontal | Pass    |
| 3** | 4076.400        | 38.21            | -5.24       | 54.0           | -15.79          | AV       | 79.00          | 150         | Horizontal | Pass    |
| 4   | 5588.000        | 102.09           | -3.23       | --             | --              | Peak     | 237.00         | 150         | Horizontal | N/A     |
| 4** | 5588.000        | 94.03            | -3.23       | --             | --              | AV       | 237.00         | 150         | Horizontal | N/A     |
| 5   | 7556.025        | 48.65            | -1.63       | 74.0           | -25.35          | Peak     | 243.00         | 150         | Horizontal | Pass    |
| 5** | 7556.025        | 39.33            | -1.63       | 54.0           | -14.67          | AV       | 243.00         | 150         | Horizontal | Pass    |
| 6   | 11644.562       | 50.27            | 2.50        | 74.0           | -23.73          | Peak     | 131.00         | 150         | Horizontal | Pass    |
| 6** | 11644.562       | 41.17            | 2.50        | 54.0           | -12.83          | AV       | 131.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1595.300        | 41.87            | -17.83      | 74.0           | -32.13          | Peak     | 95.00          | 150         | Vertical | Pass    |
| 1** | 1595.300        | 30.39            | -17.83      | 54.0           | -23.61          | AV       | 95.00          | 150         | Vertical | Pass    |
| 2   | 2796.600        | 45.97            | -11.13      | 74.0           | -28.03          | Peak     | 120.00         | 150         | Vertical | Pass    |
| 2** | 2796.600        | 34.49            | -11.13      | 54.0           | -19.51          | AV       | 120.00         | 150         | Vertical | Pass    |
| 3   | 4201.400        | 48.30            | -5.23       | 74.0           | -25.70          | Peak     | 42.00          | 150         | Vertical | Pass    |
| 3** | 4201.400        | 38.83            | -5.23       | 54.0           | -15.17          | AV       | 42.00          | 150         | Vertical | Pass    |
| 4   | 5587.000        | 100.13           | -3.22       | --             | --              | Peak     | 176.00         | 150         | Vertical | N/A     |
| 4** | 5587.000        | 92.74            | -3.22       | --             | --              | AV       | 176.00         | 150         | Vertical | N/A     |
| 5   | 7414.000        | 48.54            | -1.88       | 74.0           | -25.46          | Peak     | 181.00         | 150         | Vertical | Pass    |
| 5** | 7414.000        | 39.01            | -1.88       | 54.0           | -14.99          | AV       | 181.00         | 150         | Vertical | Pass    |
| 6   | 11646.287       | 50.85            | 2.51        | 74.0           | -23.15          | Peak     | 190.00         | 150         | Vertical | Pass    |
| 6** | 11646.287       | 42.70            | 2.51        | 54.0           | -11.30          | AV       | 190.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1199.800        | 39.57            | -18.17      | 74.0           | -34.43          | Peak     | 24.00          | 150         | Horizontal | Pass    |
| 1** | 1199.800        | 29.89            | -18.17      | 54.0           | -24.11          | AV       | 24.00          | 150         | Horizontal | Pass    |
| 2   | 2799.600        | 44.23            | -11.13      | 74.0           | -29.77          | Peak     | 245.00         | 150         | Horizontal | Pass    |
| 2** | 2799.600        | 34.75            | -11.13      | 54.0           | -19.25          | AV       | 245.00         | 150         | Horizontal | Pass    |
| 3   | 3890.800        | 46.89            | -6.45       | 74.0           | -27.11          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 3** | 3890.800        | 38.05            | -6.45       | 54.0           | -15.95          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 4   | 5675.600        | 101.71           | -3.78       | --             | --              | Peak     | 254.00         | 150         | Horizontal | N/A     |
| 4** | 5675.600        | 95.16            | -3.78       | --             | --              | AV       | 254.00         | 150         | Horizontal | N/A     |
| 5   | 7411.412        | 48.18            | -1.85       | 74.0           | -25.82          | Peak     | 231.00         | 150         | Horizontal | Pass    |
| 5** | 7411.412        | 38.74            | -1.85       | 54.0           | -15.26          | AV       | 231.00         | 150         | Horizontal | Pass    |
| 6   | 11668.712       | 50.44            | 2.48        | 74.0           | -23.56          | Peak     | 297.00         | 150         | Horizontal | Pass    |
| 6** | 11668.712       | 41.55            | 2.48        | 54.0           | -12.45          | AV       | 297.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1332.800        | 46.14            | -17.75      | 74.0           | -27.86          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 1** | 1332.800        | 33.07            | -17.75      | 54.0           | -20.93          | AV       | 360.00         | 150         | Vertical | Pass    |
| 2   | 2793.900        | 44.28            | -11.20      | 74.0           | -29.72          | Peak     | 284.00         | 150         | Vertical | Pass    |
| 2** | 2793.900        | 33.97            | -11.20      | 54.0           | -20.03          | AV       | 284.00         | 150         | Vertical | Pass    |
| 3   | 4136.800        | 47.86            | -5.54       | 74.0           | -26.14          | Peak     | 150.00         | 150         | Vertical | Pass    |
| 3** | 4136.800        | 38.71            | -5.54       | 54.0           | -15.29          | AV       | 150.00         | 150         | Vertical | Pass    |
| 4   | 5672.800        | 98.02            | -3.72       | --             | --              | Peak     | 166.00         | 150         | Vertical | N/A     |
| 4** | 5672.800        | 90.29            | -3.72       | --             | --              | AV       | 166.00         | 150         | Vertical | N/A     |
| 5   | 7276.000        | 47.80            | -2.52       | 74.0           | -26.20          | Peak     | 53.00          | 150         | Vertical | Pass    |
| 5** | 7276.000        | 38.56            | -2.52       | 54.0           | -15.44          | AV       | 53.00          | 150         | Vertical | Pass    |
| 6   | 11657.787       | 51.02            | 2.52        | 74.0           | -22.98          | Peak     | 287.00         | 150         | Vertical | Pass    |
| 6** | 11657.787       | 41.96            | 2.52        | 54.0           | -12.04          | AV       | 287.00         | 150         | Vertical | Pass    |

## 11n40, U-NII-2C, 1 GHz to 18 GHz, 142 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   | 1209.100        | 40.29            | -18.16      | 74.0           | -33.71          | Peak     | 36.00          | 150         | Horizontal | Pass    |
| 1** | 1209.100        | 29.95            | -18.16      | 54.0           | -24.05          | AV       | 36.00          | 150         | Horizontal | Pass    |
| 2   | 2852.200        | 45.22            | -10.70      | 74.0           | -28.78          | Peak     | 169.00         | 150         | Horizontal | Pass    |
| 2** | 2852.200        | 34.84            | -10.70      | 54.0           | -19.16          | AV       | 169.00         | 150         | Horizontal | Pass    |
| 3   | 3768.600        | 47.38            | -6.17       | 74.0           | -26.62          | Peak     | 309.00         | 150         | Horizontal | Pass    |
| 3** | 3768.600        | 37.51            | -6.17       | 54.0           | -16.49          | AV       | 309.00         | 150         | Horizontal | Pass    |
| 4   | 5713.200        | 102.31           | -3.76       | --             | --              | Peak     | 253.00         | 150         | Horizontal | N/A     |
| 4** | 5713.200        | 94.66            | -3.76       | --             | --              | AV       | 253.00         | 150         | Horizontal | N/A     |
| 5   | 7527.850        | 48.39            | -1.63       | 74.0           | -25.61          | Peak     | 336.00         | 150         | Horizontal | Pass    |
| 5** | 7527.850        | 38.46            | -1.63       | 54.0           | -15.54          | AV       | 336.00         | 150         | Horizontal | Pass    |
| 6   | 11683.088       | 51.05            | 2.42        | 74.0           | -22.95          | Peak     | 66.00          | 150         | Horizontal | Pass    |
| 6** | 11683.088       | 41.85            | 2.42        | 54.0           | -12.15          | AV       | 66.00          | 150         | Horizontal | Pass    |

## 11n40, U-NII-2C, 1 GHz to 18 GHz, 142 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   | 1332.700        | 42.15            | -17.75      | 74.0           | -31.85          | Peak     | 293.00         | 150         | Vertical | Pass    |
| 1** | 1332.700        | 29.31            | -17.75      | 54.0           | -24.69          | AV       | 293.00         | 150         | Vertical | Pass    |
| 2   | 2762.900        | 43.30            | -11.12      | 74.0           | -30.70          | Peak     | 196.00         | 150         | Vertical | Pass    |
| 2** | 2762.900        | 34.21            | -11.12      | 54.0           | -19.79          | AV       | 196.00         | 150         | Vertical | Pass    |
| 3   | 4655.200        | 49.43            | -4.19       | 74.0           | -24.57          | Peak     | 256.00         | 150         | Vertical | Pass    |
| 3** | 4655.200        | 40.35            | -4.19       | 54.0           | -13.65          | AV       | 256.00         | 150         | Vertical | Pass    |
| 4   | 5708.000        | 98.22            | -3.80       | --             | --              | Peak     | 180.00         | 150         | Vertical | N/A     |
| 4** | 5708.000        | 90.17            | -3.80       | --             | --              | AV       | 180.00         | 150         | Vertical | N/A     |
| 5   | 7548.263        | 48.51            | -1.59       | 74.0           | -25.49          | Peak     | 80.00          | 150         | Vertical | Pass    |
| 5** | 7548.263        | 39.29            | -1.59       | 54.0           | -14.71          | AV       | 80.00          | 150         | Vertical | Pass    |
| 6   | 11651.174       | 50.61            | 2.55        | 74.0           | -23.39          | Peak     | 108.00         | 150         | Vertical | Pass    |
| 6** | 11651.174       | 40.98            | 2.55        | 54.0           | -13.02          | AV       | 108.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1200.100        | 39.82            | -18.16      | 74.0           | -34.18          | Peak     | 28.00          | 150         | Horizontal | Pass    |
| 1** | 1200.100        | 29.13            | -18.16      | 54.0           | -24.87          | AV       | 28.00          | 150         | Horizontal | Pass    |
| 2   | 2738.400        | 44.17            | -10.70      | 74.0           | -29.83          | Peak     | 102.00         | 150         | Horizontal | Pass    |
| 2** | 2738.400        | 34.75            | -10.70      | 54.0           | -19.25          | AV       | 102.00         | 150         | Horizontal | Pass    |
| 3   | 4257.800        | 49.44            | -4.77       | 74.0           | -24.56          | Peak     | 359.00         | 150         | Horizontal | Pass    |
| 3** | 4257.800        | 39.09            | -4.77       | 54.0           | -14.91          | AV       | 359.00         | 150         | Horizontal | Pass    |
| 4   | 5501.200        | 105.53           | -2.86       | --             | --              | Peak     | 187.00         | 150         | Horizontal | N/A     |
| 4** | 5501.200        | 98.47            | -2.86       | --             | --              | AV       | 187.00         | 150         | Horizontal | N/A     |
| 5   | 7589.663        | 48.16            | -2.31       | 74.0           | -25.84          | Peak     | 281.00         | 150         | Horizontal | Pass    |
| 5** | 7589.663        | 38.63            | -2.31       | 54.0           | -15.37          | AV       | 281.00         | 150         | Horizontal | Pass    |
| 6   | 11668.712       | 51.42            | 2.48        | 74.0           | -22.58          | Peak     | 231.00         | 150         | Horizontal | Pass    |
| 6** | 11668.712       | 41.72            | 2.48        | 54.0           | -12.28          | AV       | 231.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1594.800        | 40.71            | -17.82      | 74.0           | -33.29          | Peak     | 83.00          | 150         | Vertical | Pass    |
| 1** | 1594.800        | 29.67            | -17.82      | 54.0           | -24.33          | AV       | 83.00          | 150         | Vertical | Pass    |
| 2   | 2767.400        | 44.51            | -11.24      | 74.0           | -29.49          | Peak     | 303.00         | 150         | Vertical | Pass    |
| 2** | 2767.400        | 34.93            | -11.24      | 54.0           | -19.07          | AV       | 303.00         | 150         | Vertical | Pass    |
| 3   | 4220.800        | 48.47            | -4.74       | 74.0           | -25.53          | Peak     | 153.00         | 150         | Vertical | Pass    |
| 3** | 4220.800        | 38.82            | -4.74       | 54.0           | -15.18          | AV       | 153.00         | 150         | Vertical | Pass    |
| 4   | 5501.600        | 100.83           | -2.86       | --             | --              | Peak     | 153.00         | 150         | Vertical | N/A     |
| 4** | 5501.600        | 92.67            | -2.86       | --             | --              | AV       | 153.00         | 150         | Vertical | N/A     |
| 5   | 7414.000        | 48.24            | -1.88       | 74.0           | -25.76          | Peak     | 165.00         | 150         | Vertical | Pass    |
| 5** | 7414.000        | 38.61            | -1.88       | 54.0           | -15.39          | AV       | 165.00         | 150         | Vertical | Pass    |
| 6   | 11680.787       | 50.41            | 2.43        | 74.0           | -23.59          | Peak     | 52.00          | 150         | Vertical | Pass    |
| 6** | 11680.787       | 41.44            | 2.43        | 54.0           | -12.56          | AV       | 52.00          | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1208.200        | 41.82            | -18.19      | 74.0           | -32.18          | Peak     | 49.00          | 150         | Horizontal | Pass    |
| 1** | 1208.200        | 29.27            | -18.19      | 54.0           | -24.73          | AV       | 49.00          | 150         | Horizontal | Pass    |
| 2   | 2804.500        | 43.96            | -11.06      | 74.0           | -30.04          | Peak     | 175.00         | 150         | Horizontal | Pass    |
| 2** | 2804.500        | 34.29            | -11.06      | 54.0           | -19.71          | AV       | 175.00         | 150         | Horizontal | Pass    |
| 3   | 4084.200        | 48.80            | -5.06       | 74.0           | -25.20          | Peak     | 243.00         | 150         | Horizontal | Pass    |
| 3** | 4084.200        | 38.28            | -5.06       | 54.0           | -15.72          | AV       | 243.00         | 150         | Horizontal | Pass    |
| 4   | 5578.400        | 103.87           | -3.15       | --             | --              | Peak     | 206.00         | 150         | Horizontal | N/A     |
| 4** | 5578.400        | 96.57            | -3.15       | --             | --              | AV       | 206.00         | 150         | Horizontal | N/A     |
| 5   | 7415.150        | 47.79            | -1.94       | 74.0           | -26.21          | Peak     | 64.00          | 150         | Horizontal | Pass    |
| 5** | 7415.150        | 39.33            | -1.94       | 54.0           | -14.67          | AV       | 64.00          | 150         | Horizontal | Pass    |
| 6   | 11617.825       | 50.44            | 2.20        | 74.0           | -23.56          | Peak     | 74.00          | 150         | Horizontal | Pass    |
| 6** | 11617.825       | 41.07            | 2.20        | 54.0           | -12.93          | AV       | 74.00          | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1327.900        | 44.80            | -17.65      | 74.0           | -29.20          | Peak     | 356.00         | 150         | Vertical | Pass    |
| 1** | 1327.900        | 29.11            | -17.65      | 54.0           | -24.89          | AV       | 356.00         | 150         | Vertical | Pass    |
| 2   | 2802.700        | 44.37            | -11.10      | 74.0           | -29.63          | Peak     | 310.00         | 150         | Vertical | Pass    |
| 2** | 2802.700        | 35.34            | -11.10      | 54.0           | -18.66          | AV       | 310.00         | 150         | Vertical | Pass    |
| 3   | 4290.400        | 48.65            | -4.78       | 74.0           | -25.35          | Peak     | 77.00          | 150         | Vertical | Pass    |
| 3** | 4290.400        | 38.91            | -4.78       | 54.0           | -15.09          | AV       | 77.00          | 150         | Vertical | Pass    |
| 4   | 5578.800        | 102.58           | -3.16       | --             | --              | Peak     | 174.00         | 150         | Vertical | N/A     |
| 4** | 5578.800        | 94.95            | -3.16       | --             | --              | AV       | 174.00         | 150         | Vertical | N/A     |
| 5   | 7404.800        | 48.51            | -1.71       | 74.0           | -25.49          | Peak     | 116.00         | 150         | Vertical | Pass    |
| 5** | 7404.800        | 39.06            | -1.71       | 54.0           | -14.94          | AV       | 116.00         | 150         | Vertical | Pass    |
| 6   | 11622.425       | 51.12            | 2.25        | 74.0           | -22.88          | Peak     | 203.00         | 150         | Vertical | Pass    |
| 6** | 11622.425       | 40.85            | 2.25        | 54.0           | -13.15          | AV       | 203.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1204.300        | 39.63            | -18.15      | 74.0           | -34.37          | Peak     | 296.00         | 150         | Horizontal | Pass    |
| 1** | 1204.300        | 29.51            | -18.15      | 54.0           | -24.49          | AV       | 296.00         | 150         | Horizontal | Pass    |
| 2   | 2745.800        | 43.73            | -10.77      | 74.0           | -30.27          | Peak     | 77.00          | 150         | Horizontal | Pass    |
| 2** | 2745.800        | 34.80            | -10.77      | 54.0           | -19.20          | AV       | 77.00          | 150         | Horizontal | Pass    |
| 3   | 4281.200        | 49.12            | -4.76       | 74.0           | -24.88          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 3** | 4281.200        | 39.36            | -4.76       | 54.0           | -14.64          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 4   | 5696.400        | 105.16           | -3.92       | --             | --              | Peak     | 255.00         | 150         | Horizontal | N/A     |
| 4** | 5696.400        | 96.59            | -3.92       | --             | --              | AV       | 255.00         | 150         | Horizontal | N/A     |
| 5   | 7409.400        | 48.82            | -1.75       | 74.0           | -25.18          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 5** | 7409.400        | 38.74            | -1.75       | 54.0           | -15.26          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 6   | 11631.337       | 50.74            | 2.35        | 74.0           | -23.26          | Peak     | 158.00         | 150         | Horizontal | Pass    |
| 6** | 11631.337       | 41.21            | 2.35        | 54.0           | -12.79          | AV       | 158.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1329.700        | 41.56            | -17.69      | 74.0           | -32.44          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 1** | 1329.700        | 32.71            | -17.69      | 54.0           | -21.29          | AV       | 360.00         | 150         | Vertical | Pass    |
| 2   | 2813.300        | 44.27            | -10.82      | 74.0           | -29.73          | Peak     | 208.00         | 150         | Vertical | Pass    |
| 2** | 2813.300        | 35.26            | -10.82      | 54.0           | -18.74          | AV       | 208.00         | 150         | Vertical | Pass    |
| 3   | 4034.400        | 47.79            | -5.35       | 74.0           | -26.21          | Peak     | 337.00         | 150         | Vertical | Pass    |
| 3** | 4034.400        | 38.46            | -5.35       | 54.0           | -15.54          | AV       | 337.00         | 150         | Vertical | Pass    |
| 4   | 5698.600        | 101.06           | -3.93       | --             | --              | Peak     | 166.00         | 150         | Vertical | N/A     |
| 4** | 5698.600        | 93.58            | -3.93       | --             | --              | AV       | 166.00         | 150         | Vertical | N/A     |
| 5   | 7488.750        | 48.06            | -1.84       | 74.0           | -25.94          | Peak     | 49.00          | 150         | Vertical | Pass    |
| 5** | 7488.750        | 38.79            | -1.84       | 54.0           | -15.21          | AV       | 49.00          | 150         | Vertical | Pass    |
| 6   | 11652.612       | 50.91            | 2.55        | 74.0           | -23.09          | Peak     | 252.00         | 150         | Vertical | Pass    |
| 6** | 11652.612       | 41.35            | 2.55        | 54.0           | -12.65          | AV       | 252.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1202.800        | 40.09            | -18.10      | 74.0           | -33.91          | Peak     | 17.00          | 150         | Horizontal | Pass    |
| 1** | 1202.800        | 28.90            | -18.10      | 54.0           | -25.10          | AV       | 17.00          | 150         | Horizontal | Pass    |
| 2   | 2812.500        | 44.32            | -10.82      | 74.0           | -29.68          | Peak     | 135.00         | 150         | Horizontal | Pass    |
| 2** | 2812.500        | 34.40            | -10.82      | 54.0           | -19.60          | AV       | 135.00         | 150         | Horizontal | Pass    |
| 3   | 4167.200        | 48.23            | -4.91       | 74.0           | -25.77          | Peak     | 11.00          | 150         | Horizontal | Pass    |
| 3** | 4167.200        | 39.23            | -4.91       | 54.0           | -14.77          | AV       | 11.00          | 150         | Horizontal | Pass    |
| 4   | 5720.600        | 105.51           | -3.70       | --             | --              | Peak     | 256.00         | 150         | Horizontal | N/A     |
| 4** | 5720.600        | 97.64            | -3.70       | --             | --              | AV       | 256.00         | 150         | Horizontal | N/A     |
| 5   | 7621.862        | 48.81            | -2.17       | 74.0           | -25.19          | Peak     | 56.00          | 150         | Horizontal | Pass    |
| 5** | 7621.862        | 41.19            | -2.17       | 54.0           | -12.81          | AV       | 56.00          | 150         | Horizontal | Pass    |
| 6   | 11675.037       | 51.42            | 2.46        | 74.0           | -22.58          | Peak     | 102.00         | 150         | Horizontal | Pass    |
| 6** | 11675.037       | 42.09            | 2.46        | 54.0           | -11.91          | AV       | 102.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1511.300        | 38.90            | -17.80      | 74.0           | -35.10          | Peak     | 240.00         | 150         | Vertical | Pass    |
| 1** | 1511.300        | 29.13            | -17.80      | 54.0           | -24.87          | AV       | 240.00         | 150         | Vertical | Pass    |
| 2   | 2729.100        | 44.41            | -10.68      | 74.0           | -29.59          | Peak     | 318.00         | 150         | Vertical | Pass    |
| 2** | 2729.100        | 34.93            | -10.68      | 54.0           | -19.07          | AV       | 318.00         | 150         | Vertical | Pass    |
| 3   | 4171.400        | 48.48            | -4.90       | 74.0           | -25.52          | Peak     | 59.00          | 150         | Vertical | Pass    |
| 3** | 4171.400        | 38.85            | -4.90       | 54.0           | -15.15          | AV       | 59.00          | 150         | Vertical | Pass    |
| 4   | 5721.200        | 99.37            | -3.69       | --             | --              | Peak     | 163.00         | 150         | Vertical | N/A     |
| 4** | 5721.200        | 91.82            | -3.69       | --             | --              | AV       | 163.00         | 150         | Vertical | N/A     |
| 5   | 7550.562        | 48.01            | -1.60       | 74.0           | -25.99          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 5** | 7550.562        | 39.31            | -1.60       | 54.0           | -14.69          | AV       | 0.00           | 150         | Vertical | Pass    |
| 6   | 11654.912       | 50.54            | 2.54        | 74.0           | -23.46          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 6** | 11654.912       | 41.32            | 2.54        | 54.0           | -12.68          | AV       | 360.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1193.500        | 41.05            | -18.18      | 74.0           | -32.95          | Peak     | 44.00          | 150         | Horizontal | Pass    |
| 1** | 1193.500        | 28.41            | -18.18      | 54.0           | -25.59          | AV       | 44.00          | 150         | Horizontal | Pass    |
| 2   | 2799.200        | 44.40            | -11.14      | 74.0           | -29.60          | Peak     | 324.00         | 150         | Horizontal | Pass    |
| 2** | 2799.200        | 34.02            | -11.14      | 54.0           | -19.98          | AV       | 324.00         | 150         | Horizontal | Pass    |
| 3   | 4005.000        | 47.98            | -5.68       | 74.0           | -26.02          | Peak     | 197.00         | 150         | Horizontal | Pass    |
| 3** | 4005.000        | 38.45            | -5.68       | 54.0           | -15.55          | AV       | 197.00         | 150         | Horizontal | Pass    |
| 4   | 5511.400        | 100.88           | -2.90       | --             | --              | Peak     | 190.00         | 150         | Horizontal | N/A     |
| 4** | 5511.400        | 93.00            | -2.90       | --             | --              | AV       | 190.00         | 150         | Horizontal | N/A     |
| 5   | 7561.775        | 48.38            | -1.81       | 74.0           | -25.62          | Peak     | 63.00          | 150         | Horizontal | Pass    |
| 5** | 7561.775        | 39.16            | -1.81       | 54.0           | -14.84          | AV       | 63.00          | 150         | Horizontal | Pass    |
| 6   | 12229.913       | 50.24            | 2.62        | 74.0           | -23.76          | Peak     | 232.00         | 150         | Horizontal | Pass    |
| 6** | 12229.913       | 41.44            | 2.62        | 54.0           | -12.56          | AV       | 232.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1332.600        | 41.08            | -17.75      | 74.0           | -32.92          | Peak     | 358.00         | 150         | Vertical | Pass    |
| 1** | 1332.600        | 28.68            | -17.75      | 54.0           | -25.32          | AV       | 358.00         | 150         | Vertical | Pass    |
| 2   | 2785.100        | 44.11            | -11.12      | 74.0           | -29.89          | Peak     | 107.00         | 150         | Vertical | Pass    |
| 2** | 2785.100        | 34.29            | -11.12      | 54.0           | -19.71          | AV       | 107.00         | 150         | Vertical | Pass    |
| 3   | 3788.600        | 47.81            | -5.50       | 74.0           | -26.19          | Peak     | 48.00          | 150         | Vertical | Pass    |
| 3** | 3788.600        | 37.78            | -5.50       | 54.0           | -16.22          | AV       | 48.00          | 150         | Vertical | Pass    |
| 4   | 5511.400        | 96.68            | -2.90       | --             | --              | Peak     | 144.00         | 150         | Vertical | N/A     |
| 4** | 5511.400        | 88.89            | -2.90       | --             | --              | AV       | 144.00         | 150         | Vertical | N/A     |
| 5   | 7555.450        | 48.37            | -1.61       | 74.0           | -25.63          | Peak     | 56.00          | 150         | Vertical | Pass    |
| 5** | 7555.450        | 39.34            | -1.61       | 54.0           | -14.66          | AV       | 56.00          | 150         | Vertical | Pass    |
| 6   | 12170.401       | 50.43            | 2.15        | 74.0           | -23.57          | Peak     | 243.00         | 150         | Vertical | Pass    |
| 6** | 12170.401       | 40.75            | 2.15        | 54.0           | -13.25          | AV       | 243.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1199.800        | 39.62            | -18.17      | 74.0           | -34.38          | Peak     | 17.00          | 150         | Horizontal | Pass    |
| 1** | 1199.800        | 28.33            | -18.17      | 54.0           | -25.67          | AV       | 17.00          | 150         | Horizontal | Pass    |
| 2   | 2801.800        | 44.33            | -11.11      | 74.0           | -29.67          | Peak     | 269.00         | 150         | Horizontal | Pass    |
| 2** | 2801.800        | 34.54            | -11.11      | 54.0           | -19.46          | AV       | 269.00         | 150         | Horizontal | Pass    |
| 3   | 4303.200        | 48.45            | -4.92       | 74.0           | -25.55          | Peak     | 84.00          | 150         | Horizontal | Pass    |
| 3** | 4303.200        | 39.04            | -4.92       | 54.0           | -14.96          | AV       | 84.00          | 150         | Horizontal | Pass    |
| 4   | 5587.600        | 100.34           | -3.23       | --             | --              | Peak     | 218.00         | 150         | Horizontal | N/A     |
| 4** | 5587.600        | 93.83            | -3.23       | --             | --              | AV       | 218.00         | 150         | Horizontal | N/A     |
| 5   | 7558.900        | 48.12            | -1.69       | 74.0           | -25.88          | Peak     | 159.00         | 150         | Horizontal | Pass    |
| 5** | 7558.900        | 39.39            | -1.69       | 54.0           | -14.61          | AV       | 159.00         | 150         | Horizontal | Pass    |
| 6   | 11683.951       | 50.24            | 2.42        | 74.0           | -23.76          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 6** | 11683.951       | 41.75            | 2.42        | 54.0           | -12.25          | AV       | 0.00           | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1194.600        | 41.74            | -18.19      | 74.0           | -32.26          | Peak     | 89.00          | 150         | Vertical | Pass    |
| 1** | 1194.600        | 28.44            | -18.19      | 54.0           | -25.56          | AV       | 89.00          | 150         | Vertical | Pass    |
| 2   | 2792.300        | 44.47            | -11.16      | 74.0           | -29.53          | Peak     | 207.00         | 150         | Vertical | Pass    |
| 2** | 2792.300        | 34.54            | -11.16      | 54.0           | -19.46          | AV       | 207.00         | 150         | Vertical | Pass    |
| 3   | 4245.600        | 48.84            | -4.87       | 74.0           | -25.16          | Peak     | 100.00         | 150         | Vertical | Pass    |
| 3** | 4245.600        | 38.46            | -4.87       | 54.0           | -15.54          | AV       | 100.00         | 150         | Vertical | Pass    |
| 4   | 5587.600        | 98.91            | -3.23       | --             | --              | Peak     | 175.00         | 150         | Vertical | N/A     |
| 4** | 5587.600        | 91.77            | -3.23       | --             | --              | AV       | 175.00         | 150         | Vertical | N/A     |
| 5   | 7380.362        | 48.55            | -1.74       | 74.0           | -25.45          | Peak     | 27.00          | 150         | Vertical | Pass    |
| 5** | 7380.362        | 38.39            | -1.74       | 54.0           | -15.61          | AV       | 27.00          | 150         | Vertical | Pass    |
| 6   | 12216.974       | 50.56            | 2.59        | 74.0           | -23.44          | Peak     | 186.00         | 150         | Vertical | Pass    |
| 6** | 12216.974       | 41.05            | 2.59        | 54.0           | -12.95          | AV       | 186.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1198.200        | 41.06            | -18.18      | 74.0           | -32.94          | Peak     | 297.00         | 150         | Horizontal | Pass    |
| 1** | 1198.200        | 31.01            | -18.18      | 54.0           | -22.99          | AV       | 297.00         | 150         | Horizontal | Pass    |
| 2   | 2732.700        | 43.97            | -10.75      | 74.0           | -30.03          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 2** | 2732.700        | 34.47            | -10.75      | 54.0           | -19.53          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 3   | 4202.800        | 48.75            | -5.20       | 74.0           | -25.25          | Peak     | 86.00          | 150         | Horizontal | Pass    |
| 3** | 4202.800        | 38.67            | -5.20       | 54.0           | -15.33          | AV       | 86.00          | 150         | Horizontal | Pass    |
| 4   | 5671.600        | 100.82           | -3.72       | --             | --              | Peak     | 248.00         | 150         | Horizontal | N/A     |
| 4** | 5671.600        | 92.96            | -3.72       | --             | --              | AV       | 248.00         | 150         | Horizontal | N/A     |
| 5   | 7406.813        | 49.14            | -1.73       | 74.0           | -24.86          | Peak     | 186.00         | 150         | Horizontal | Pass    |
| 5** | 7406.813        | 39.27            | -1.73       | 54.0           | -14.73          | AV       | 186.00         | 150         | Horizontal | Pass    |
| 6   | 12238.537       | 51.34            | 2.64        | 74.0           | -22.66          | Peak     | 336.00         | 150         | Horizontal | Pass    |
| 6** | 12238.537       | 41.58            | 2.64        | 54.0           | -12.42          | AV       | 336.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1330.800        | 42.74            | -17.71      | 74.0           | -31.26          | Peak     | 1.00           | 150         | Vertical | Pass    |
| 1** | 1330.800        | 29.60            | -17.71      | 54.0           | -24.40          | AV       | 1.00           | 150         | Vertical | Pass    |
| 2   | 2737.900        | 44.09            | -10.72      | 74.0           | -29.91          | Peak     | 290.00         | 150         | Vertical | Pass    |
| 2** | 2737.900        | 34.27            | -10.72      | 54.0           | -19.73          | AV       | 290.00         | 150         | Vertical | Pass    |
| 3   | 3889.400        | 47.36            | -6.44       | 74.0           | -26.64          | Peak     | 99.00          | 150         | Vertical | Pass    |
| 3** | 3889.400        | 37.22            | -6.44       | 54.0           | -16.78          | AV       | 99.00          | 150         | Vertical | Pass    |
| 4   | 5667.400        | 96.88            | -3.57       | --             | --              | Peak     | 188.00         | 150         | Vertical | N/A     |
| 4** | 5667.400        | 89.03            | -3.57       | --             | --              | AV       | 188.00         | 150         | Vertical | N/A     |
| 5   | 7425.500        | 48.04            | -2.11       | 74.0           | -25.96          | Peak     | 42.00          | 150         | Vertical | Pass    |
| 5** | 7425.500        | 38.54            | -2.11       | 54.0           | -15.46          | AV       | 42.00          | 150         | Vertical | Pass    |
| 6   | 11658.937       | 50.46            | 2.52        | 74.0           | -23.54          | Peak     | 163.00         | 150         | Vertical | Pass    |
| 6** | 11658.937       | 42.16            | 2.52        | 54.0           | -11.84          | AV       | 163.00         | 150         | Vertical | Pass    |

## 11ac40, U-NII-2C, 1 GHz to 18 GHz, 142 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   | 1592.900        | 40.25            | -17.80      | 74.0           | -33.75          | Peak     | 226.00         | 150         | Horizontal | Pass    |
| 1** | 1592.900        | 29.46            | -17.80      | 54.0           | -24.54          | AV       | 226.00         | 150         | Horizontal | Pass    |
| 2   | 2739.500        | 44.10            | -10.67      | 74.0           | -29.90          | Peak     | 157.00         | 150         | Horizontal | Pass    |
| 2** | 2739.500        | 34.14            | -10.67      | 54.0           | -19.86          | AV       | 157.00         | 150         | Horizontal | Pass    |
| 3   | 4219.400        | 48.35            | -4.76       | 74.0           | -25.65          | Peak     | 167.00         | 150         | Horizontal | Pass    |
| 3** | 4219.400        | 38.79            | -4.76       | 54.0           | -15.21          | AV       | 167.00         | 150         | Horizontal | Pass    |
| 4   | 5713.200        | 101.85           | -3.76       | --             | --              | Peak     | 248.00         | 150         | Horizontal | N/A     |
| 4** | 5713.200        | 94.32            | -3.76       | --             | --              | AV       | 248.00         | 150         | Horizontal | N/A     |
| 5   | 7539.638        | 47.81            | -1.68       | 74.0           | -26.19          | Peak     | 56.00          | 150         | Horizontal | Pass    |
| 5** | 7539.638        | 38.60            | -1.68       | 54.0           | -15.40          | AV       | 56.00          | 150         | Horizontal | Pass    |
| 6   | 12341.463       | 51.30            | 2.08        | 74.0           | -22.70          | Peak     | 299.00         | 150         | Horizontal | Pass    |
| 6** | 12341.463       | 39.78            | 2.08        | 54.0           | -14.22          | AV       | 299.00         | 150         | Horizontal | Pass    |

## 11ac40, U-NII-2C, 1 GHz to 18 GHz, 142 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   | 1331.300        | 42.44            | -17.72      | 74.0           | -31.56          | Peak     | 161.00         | 150         | Vertical | Pass    |
| 1** | 1331.300        | 30.95            | -17.72      | 54.0           | -23.05          | AV       | 161.00         | 150         | Vertical | Pass    |
| 2   | 2736.400        | 44.39            | -10.77      | 74.0           | -29.61          | Peak     | 167.00         | 150         | Vertical | Pass    |
| 2** | 2736.400        | 34.64            | -10.77      | 54.0           | -19.36          | AV       | 167.00         | 150         | Vertical | Pass    |
| 3   | 4856.600        | 50.77            | -3.46       | 74.0           | -23.23          | Peak     | 143.00         | 150         | Vertical | Pass    |
| 3** | 4856.600        | 40.49            | -3.46       | 54.0           | -13.51          | AV       | 143.00         | 150         | Vertical | Pass    |
| 4   | 5711.600        | 96.80            | -3.78       | --             | --              | Peak     | 173.00         | 150         | Vertical | N/A     |
| 4** | 5711.600        | 89.00            | -3.78       | --             | --              | AV       | 173.00         | 150         | Vertical | N/A     |
| 5   | 7411.987        | 48.12            | -1.89       | 74.0           | -25.88          | Peak     | 297.00         | 150         | Vertical | Pass    |
| 5** | 7411.987        | 38.59            | -1.89       | 54.0           | -15.41          | AV       | 297.00         | 150         | Vertical | Pass    |
| 6   | 11180.537       | 50.07            | 0.41        | 74.0           | -23.93          | Peak     | 7.00           | 150         | Vertical | Pass    |
| 6** | 11180.537       | 40.10            | 0.41        | 54.0           | -13.90          | AV       | 7.00           | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1206.800        | 40.22            | -18.21      | 74.0           | -33.78          | Peak     | 23.00          | 150         | Horizontal | Pass    |
| 1** | 1206.800        | 29.16            | -18.21      | 54.0           | -24.84          | AV       | 23.00          | 150         | Horizontal | Pass    |
| 2   | 2743.800        | 44.43            | -10.67      | 74.0           | -29.57          | Peak     | 263.00         | 150         | Horizontal | Pass    |
| 2** | 2743.800        | 34.46            | -10.67      | 54.0           | -19.54          | AV       | 263.00         | 150         | Horizontal | Pass    |
| 3   | 4012.600        | 47.88            | -5.80       | 74.0           | -26.12          | Peak     | 73.00          | 150         | Horizontal | Pass    |
| 3** | 4012.600        | 37.69            | -5.80       | 54.0           | -16.31          | AV       | 73.00          | 150         | Horizontal | Pass    |
| 4   | 5535.800        | 96.58            | -2.88       | --             | --              | Peak     | 192.00         | 150         | Horizontal | N/A     |
| 4** | 5535.800        | 88.31            | -2.88       | --             | --              | AV       | 192.00         | 150         | Horizontal | N/A     |
| 5   | 7539.638        | 48.30            | -1.68       | 74.0           | -25.70          | Peak     | 214.00         | 150         | Horizontal | Pass    |
| 5** | 7539.638        | 38.68            | -1.68       | 54.0           | -15.32          | AV       | 214.00         | 150         | Horizontal | Pass    |
| 6   | 12198.575       | 50.70            | 2.54        | 74.0           | -23.30          | Peak     | 56.00          | 150         | Horizontal | Pass    |
| 6** | 12198.575       | 40.94            | 2.54        | 54.0           | -13.06          | AV       | 56.00          | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1195.700        | 41.71            | -18.19      | 74.0           | -32.29          | Peak     | 226.00         | 150         | Vertical | Pass    |
| 1** | 1195.700        | 28.23            | -18.19      | 54.0           | -25.77          | AV       | 226.00         | 150         | Vertical | Pass    |
| 2   | 2833.100        | 44.12            | -10.74      | 74.0           | -29.88          | Peak     | 149.00         | 150         | Vertical | Pass    |
| 2** | 2833.100        | 34.50            | -10.74      | 54.0           | -19.50          | AV       | 149.00         | 150         | Vertical | Pass    |
| 3   | 4189.200        | 48.07            | -5.25       | 74.0           | -25.93          | Peak     | 175.00         | 150         | Vertical | Pass    |
| 3** | 4189.200        | 38.46            | -5.25       | 54.0           | -15.54          | AV       | 175.00         | 150         | Vertical | Pass    |
| 4   | 5536.200        | 93.52            | -2.87       | --             | --              | Peak     | 145.00         | 150         | Vertical | N/A     |
| 4** | 5536.200        | 85.30            | -2.87       | --             | --              | AV       | 145.00         | 150         | Vertical | N/A     |
| 5   | 7545.100        | 47.78            | -1.60       | 74.0           | -26.22          | Peak     | 299.00         | 150         | Vertical | Pass    |
| 5** | 7545.100        | 39.59            | -1.60       | 54.0           | -14.41          | AV       | 299.00         | 150         | Vertical | Pass    |
| 6   | 11690.849       | 50.61            | 2.38        | 74.0           | -23.39          | Peak     | 195.00         | 150         | Vertical | Pass    |
| 6** | 11690.849       | 40.90            | 2.38        | 54.0           | -13.10          | AV       | 195.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1199.500        | 41.49            | -18.17      | 74.0           | -32.51          | Peak     | 316.00         | 150         | Horizontal | Pass    |
| 1** | 1199.500        | 29.07            | -18.17      | 54.0           | -24.93          | AV       | 316.00         | 150         | Horizontal | Pass    |
| 2   | 2828.500        | 44.90            | -10.61      | 74.0           | -29.10          | Peak     | 238.00         | 150         | Horizontal | Pass    |
| 2** | 2828.500        | 34.76            | -10.61      | 54.0           | -19.24          | AV       | 238.00         | 150         | Horizontal | Pass    |
| 3   | 4029.600        | 47.98            | -5.45       | 74.0           | -26.02          | Peak     | 53.00          | 150         | Horizontal | Pass    |
| 3** | 4029.600        | 38.98            | -5.45       | 54.0           | -15.02          | AV       | 53.00          | 150         | Horizontal | Pass    |
| 4   | 5616.400        | 96.94            | -3.09       | --             | --              | Peak     | 231.00         | 150         | Horizontal | N/A     |
| 4** | 5616.400        | 89.15            | -3.09       | --             | --              | AV       | 231.00         | 150         | Horizontal | N/A     |
| 5   | 7335.513        | 47.99            | -2.57       | 74.0           | -26.01          | Peak     | 71.00          | 150         | Horizontal | Pass    |
| 5** | 7335.513        | 38.32            | -2.57       | 54.0           | -15.68          | AV       | 71.00          | 150         | Horizontal | Pass    |
| 6   | 11637.088       | 50.74            | 2.41        | 74.0           | -23.26          | Peak     | 240.00         | 150         | Horizontal | Pass    |
| 6** | 11637.088       | 41.02            | 2.41        | 54.0           | -12.98          | AV       | 240.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1327.900        | 45.93            | -17.65      | 74.0           | -28.07          | Peak     | 352.00         | 150         | Vertical | Pass    |
| 1** | 1327.900        | 30.65            | -17.65      | 54.0           | -23.35          | AV       | 352.00         | 150         | Vertical | Pass    |
| 2   | 2813.000        | 44.24            | -10.82      | 74.0           | -29.76          | Peak     | 329.00         | 150         | Vertical | Pass    |
| 2** | 2813.000        | 34.88            | -10.82      | 54.0           | -19.12          | AV       | 329.00         | 150         | Vertical | Pass    |
| 3   | 3954.400        | 47.80            | -5.86       | 74.0           | -26.20          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 3** | 3954.400        | 38.21            | -5.86       | 54.0           | -15.79          | AV       | 0.00           | 150         | Vertical | Pass    |
| 4   | 5615.800        | 93.98            | -3.07       | --             | --              | Peak     | 170.00         | 150         | Vertical | N/A     |
| 4** | 5615.800        | 86.43            | -3.07       | --             | --              | AV       | 170.00         | 150         | Vertical | N/A     |
| 5   | 7544.525        | 48.66            | -1.61       | 74.0           | -25.34          | Peak     | 71.00          | 150         | Vertical | Pass    |
| 5** | 7544.525        | 39.55            | -1.61       | 54.0           | -14.45          | AV       | 71.00          | 150         | Vertical | Pass    |
| 6   | 12202.599       | 51.09            | 2.56        | 74.0           | -22.91          | Peak     | 5.00           | 150         | Vertical | Pass    |
| 6** | 12202.599       | 41.55            | 2.56        | 54.0           | -12.45          | AV       | 5.00           | 150         | Vertical | Pass    |

## 11ac80, U-NII-2C, 1 GHz to 18 GHz, 138 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   | 1204.300        | 42.49            | -18.15      | 74.0           | -31.51          | Peak     | 312.00         | 150         | Horizontal | Pass    |
| 1** | 1204.300        | 28.87            | -18.15      | 54.0           | -25.13          | AV       | 312.00         | 150         | Horizontal | Pass    |
| 2   | 2799.500        | 43.64            | -11.13      | 74.0           | -30.36          | Peak     | 178.00         | 150         | Horizontal | Pass    |
| 2** | 2799.500        | 33.95            | -11.13      | 54.0           | -20.05          | AV       | 178.00         | 150         | Horizontal | Pass    |
| 3   | 4016.600        | 47.66            | -5.78       | 74.0           | -26.34          | Peak     | 288.00         | 150         | Horizontal | Pass    |
| 3** | 4016.600        | 38.45            | -5.78       | 54.0           | -15.55          | AV       | 288.00         | 150         | Horizontal | Pass    |
| 4   | 5696.000        | 96.88            | -3.92       | --             | --              | Peak     | 236.00         | 150         | Horizontal | N/A     |
| 4** | 5696.000        | 89.42            | -3.92       | --             | --              | AV       | 236.00         | 150         | Horizontal | N/A     |
| 5   | 7544.237        | 48.08            | -1.62       | 74.0           | -25.92          | Peak     | 194.00         | 150         | Horizontal | Pass    |
| 5** | 7544.237        | 39.28            | -1.62       | 54.0           | -14.72          | AV       | 194.00         | 150         | Horizontal | Pass    |
| 6   | 11695.162       | 51.16            | 2.34        | 74.0           | -22.84          | Peak     | 204.00         | 150         | Horizontal | Pass    |
| 6** | 11695.162       | 41.82            | 2.34        | 54.0           | -12.18          | AV       | 204.00         | 150         | Horizontal | Pass    |

## 11ac80, U-NII-2C, 1 GHz to 18 GHz, 138 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   | 1327.200        | 42.48            | -17.65      | 74.0           | -31.52          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 1** | 1327.200        | 29.11            | -17.65      | 54.0           | -24.89          | AV       | 0.00           | 150         | Vertical | Pass    |
| 2   | 2742.500        | 44.31            | -10.68      | 74.0           | -29.69          | Peak     | 261.00         | 150         | Vertical | Pass    |
| 2** | 2742.500        | 34.27            | -10.68      | 54.0           | -19.73          | AV       | 261.00         | 150         | Vertical | Pass    |
| 3   | 4048.200        | 48.24            | -5.43       | 74.0           | -25.76          | Peak     | 260.00         | 150         | Vertical | Pass    |
| 3** | 4048.200        | 37.54            | -5.43       | 54.0           | -16.46          | AV       | 260.00         | 150         | Vertical | Pass    |
| 4   | 5682.800        | 91.22            | -3.85       | --             | --              | Peak     | 125.00         | 150         | Vertical | N/A     |
| 4** | 5682.800        | 84.75            | -3.85       | --             | --              | AV       | 125.00         | 150         | Vertical | N/A     |
| 5   | 7552.862        | 48.01            | -1.56       | 74.0           | -25.99          | Peak     | 278.00         | 150         | Vertical | Pass    |
| 5** | 7552.862        | 39.17            | -1.56       | 54.0           | -14.83          | AV       | 278.00         | 150         | Vertical | Pass    |
| 6   | 12360.724       | 50.74            | 1.98        | 74.0           | -23.26          | Peak     | 119.00         | 150         | Vertical | Pass    |
| 6** | 12360.724       | 40.27            | 1.98        | 54.0           | -13.73          | AV       | 119.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1483.700        | 36.58            | -17.50      | 74.0           | -37.42          | Peak     | 272.00         | 150         | Horizontal | Pass    |
| 1** | 1483.700        | 28.21            | -17.50      | 54.0           | -25.79          | AV       | 272.00         | 150         | Horizontal | Pass    |
| 2   | 2810.600        | 42.33            | -10.21      | 74.0           | -31.67          | Peak     | 102.00         | 150         | Horizontal | Pass    |
| 2** | 2810.600        | 32.81            | -10.21      | 54.0           | -21.19          | AV       | 102.00         | 150         | Horizontal | Pass    |
| 3   | 4065.000        | 45.87            | -5.30       | 74.0           | -28.13          | Peak     | 13.00          | 150         | Horizontal | Pass    |
| 3** | 4065.000        | 38.24            | -5.30       | 54.0           | -15.76          | AV       | 13.00          | 150         | Horizontal | Pass    |
| 4   | 5743.400        | 103.34           | -2.28       | --             | --              | Peak     | 134.00         | 150         | Horizontal | N/A     |
| 4** | 5743.400        | 97.32            | -2.28       | --             | --              | AV       | 134.00         | 150         | Horizontal | N/A     |
| 5   | 11315.662       | 49.66            | 0.47        | 74.0           | -24.34          | Peak     | 54.00          | 150         | Horizontal | Pass    |
| 5** | 11315.662       | 41.74            | 0.47        | 54.0           | -12.26          | AV       | 54.00          | 150         | Horizontal | Pass    |
| 6   | 15604.950       | 53.25            | 1.10        | 74.0           | -20.75          | Peak     | 62.00          | 150         | Horizontal | Pass    |
| 6** | 15604.950       | 43.85            | 1.10        | 54.0           | -10.15          | AV       | 62.00          | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1545.900        | 36.68            | -17.51      | 74.0           | -37.32          | Peak     | 363.00         | 150         | Vertical | Pass    |
| 1** | 1545.900        | 27.00            | -17.51      | 54.0           | -27.00          | AV       | 363.00         | 150         | Vertical | Pass    |
| 2   | 2773.900        | 42.52            | -10.48      | 74.0           | -31.48          | Peak     | 151.00         | 150         | Vertical | Pass    |
| 2** | 2773.900        | 34.91            | -10.48      | 54.0           | -19.09          | AV       | 151.00         | 150         | Vertical | Pass    |
| 3   | 4090.600        | 46.66            | -5.58       | 74.0           | -27.34          | Peak     | 61.00          | 150         | Vertical | Pass    |
| 3** | 4090.600        | 37.46            | -5.58       | 54.0           | -16.54          | AV       | 61.00          | 150         | Vertical | Pass    |
| 4   | 5747.000        | 97.06            | -2.34       | --             | --              | Peak     | 73.00          | 150         | Vertical | N/A     |
| 4** | 5747.000        | 91.14            | -2.34       | --             | --              | AV       | 73.00          | 150         | Vertical | N/A     |
| 5   | 12128.713       | 50.74            | 0.41        | 74.0           | -23.26          | Peak     | 232.00         | 150         | Vertical | Pass    |
| 5** | 12128.713       | 39.70            | 0.41        | 54.0           | -14.30          | AV       | 232.00         | 150         | Vertical | Pass    |
| 6   | 15803.400       | 53.33            | 2.29        | 74.0           | -20.67          | Peak     | 243.00         | 150         | Vertical | Pass    |
| 6** | 15803.400       | 46.46            | 2.29        | 54.0           | -7.54           | AV       | 243.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1528.800        | 36.86            | -17.48      | 74.0           | -37.14          | Peak     | 362.00         | 150         | Horizontal | Pass    |
| 1** | 1528.800        | 28.20            | -17.48      | 54.0           | -25.80          | AV       | 362.00         | 150         | Horizontal | Pass    |
| 2   | 2800.400        | 42.34            | -10.55      | 74.0           | -31.66          | Peak     | 40.00          | 150         | Horizontal | Pass    |
| 2** | 2800.400        | 33.62            | -10.55      | 54.0           | -20.38          | AV       | 40.00          | 150         | Horizontal | Pass    |
| 3   | 4055.200        | 46.58            | -4.89       | 74.0           | -27.42          | Peak     | 328.00         | 150         | Horizontal | Pass    |
| 3** | 4055.200        | 37.57            | -4.89       | 54.0           | -16.43          | AV       | 328.00         | 150         | Horizontal | Pass    |
| 4   | 5784.000        | 103.74           | -2.30       | --             | --              | Peak     | 145.00         | 150         | Horizontal | N/A     |
| 4** | 5784.000        | 97.37            | -2.30       | --             | --              | AV       | 145.00         | 150         | Horizontal | N/A     |
| 5   | 11487.300       | 50.38            | 0.07        | 74.0           | -23.62          | Peak     | 279.00         | 150         | Horizontal | Pass    |
| 5** | 11487.300       | 40.76            | 0.07        | 54.0           | -13.24          | AV       | 279.00         | 150         | Horizontal | Pass    |
| 6   | 15803.400       | 53.25            | 2.29        | 74.0           | -20.75          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 6** | 15803.400       | 43.45            | 2.29        | 54.0           | -10.55          | AV       | 360.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1549.200        | 35.99            | -17.50      | 74.0           | -38.01          | Peak     | 328.00         | 150         | Vertical | Pass    |
| 1** | 1549.200        | 27.25            | -17.50      | 54.0           | -26.75          | AV       | 328.00         | 150         | Vertical | Pass    |
| 2   | 2780.600        | 43.03            | -10.41      | 74.0           | -30.97          | Peak     | 52.00          | 150         | Vertical | Pass    |
| 2** | 2780.600        | 33.40            | -10.41      | 54.0           | -20.60          | AV       | 52.00          | 150         | Vertical | Pass    |
| 3   | 4012.400        | 46.63            | -5.12       | 74.0           | -27.37          | Peak     | 132.00         | 150         | Vertical | Pass    |
| 3** | 4012.400        | 37.21            | -5.12       | 54.0           | -16.79          | AV       | 132.00         | 150         | Vertical | Pass    |
| 4   | 5786.400        | 95.08            | -2.46       | --             | --              | Peak     | 96.00          | 150         | Vertical | N/A     |
| 4** | 5786.400        | 88.67            | -2.46       | --             | --              | AV       | 96.00          | 150         | Vertical | N/A     |
| 5   | 11727.651       | 49.41            | 0.86        | 74.0           | -24.59          | Peak     | 267.00         | 150         | Vertical | Pass    |
| 5** | 11727.651       | 40.36            | 0.86        | 54.0           | -13.64          | AV       | 267.00         | 150         | Vertical | Pass    |
| 6   | 15793.688       | 53.04            | 2.13        | 74.0           | -20.96          | Peak     | 244.00         | 150         | Vertical | Pass    |
| 6** | 15793.688       | 44.87            | 2.13        | 54.0           | -9.13           | AV       | 244.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1490.600        | 36.06            | -17.48      | 74.0           | -37.94          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 1** | 1490.600        | 27.48            | -17.48      | 54.0           | -26.52          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 2   | 2797.700        | 40.92            | -10.60      | 74.0           | -33.08          | Peak     | 44.00          | 150         | Horizontal | Pass    |
| 2** | 2797.700        | 32.19            | -10.60      | 54.0           | -21.81          | AV       | 44.00          | 150         | Horizontal | Pass    |
| 3   | 4139.400        | 46.34            | -4.85       | 74.0           | -27.66          | Peak     | 112.00         | 150         | Horizontal | Pass    |
| 3** | 4139.400        | 37.36            | -4.85       | 54.0           | -16.64          | AV       | 112.00         | 150         | Horizontal | Pass    |
| 4   | 5823.800        | 104.78           | -2.41       | --             | --              | Peak     | 149.00         | 150         | Horizontal | N/A     |
| 4** | 5823.800        | 98.40            | -2.41       | --             | --              | AV       | 149.00         | 150         | Horizontal | N/A     |
| 5   | 11903.887       | 49.65            | 1.63        | 74.0           | -24.35          | Peak     | 184.00         | 150         | Horizontal | Pass    |
| 5** | 11903.887       | 40.77            | 1.63        | 54.0           | -13.23          | AV       | 184.00         | 150         | Horizontal | Pass    |
| 6   | 15783.975       | 53.03            | 1.75        | 74.0           | -20.97          | Peak     | 198.00         | 150         | Horizontal | Pass    |
| 6** | 15783.975       | 44.35            | 1.75        | 54.0           | -9.65           | AV       | 198.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1541.400        | 36.97            | -17.54      | 74.0           | -37.03          | Peak     | 314.00         | 150         | Vertical | Pass    |
| 1** | 1541.400        | 28.20            | -17.54      | 54.0           | -25.80          | AV       | 314.00         | 150         | Vertical | Pass    |
| 2   | 2804.100        | 42.20            | -10.39      | 74.0           | -31.80          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 2** | 2804.100        | 32.41            | -10.39      | 54.0           | -21.59          | AV       | 0.00           | 150         | Vertical | Pass    |
| 3   | 4157.000        | 47.52            | -4.99       | 74.0           | -26.48          | Peak     | 206.00         | 150         | Vertical | Pass    |
| 3** | 4157.000        | 37.67            | -4.99       | 54.0           | -16.33          | AV       | 206.00         | 150         | Vertical | Pass    |
| 4   | 5823.600        | 95.05            | -2.41       | --             | --              | Peak     | 46.00          | 150         | Vertical | N/A     |
| 4** | 5823.600        | 88.74            | -2.41       | --             | --              | AV       | 46.00          | 150         | Vertical | N/A     |
| 5   | 11269.088       | 49.40            | -0.27       | 74.0           | -24.60          | Peak     | 174.00         | 150         | Vertical | Pass    |
| 5** | 11269.088       | 40.43            | -0.27       | 54.0           | -13.57          | AV       | 174.00         | 150         | Vertical | Pass    |
| 6   | 15782.138       | 53.17            | 1.65        | 74.0           | -20.83          | Peak     | 214.00         | 150         | Vertical | Pass    |
| 6** | 15782.138       | 44.06            | 1.65        | 54.0           | -9.94           | AV       | 214.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1551.400        | 36.60            | -17.34      | 74.0           | -37.40          | Peak     | 104.00         | 150         | Horizontal | Pass    |
| 1** | 1551.400        | 27.72            | -17.34      | 54.0           | -26.28          | AV       | 104.00         | 150         | Horizontal | Pass    |
| 2   | 2781.400        | 42.22            | -10.39      | 74.0           | -31.78          | Peak     | 313.00         | 150         | Horizontal | Pass    |
| 2** | 2781.400        | 33.11            | -10.39      | 54.0           | -20.89          | AV       | 313.00         | 150         | Horizontal | Pass    |
| 3   | 4054.600        | 46.49            | -4.89       | 74.0           | -27.51          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 3** | 4054.600        | 37.57            | -4.89       | 54.0           | -16.43          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 4   | 5749.400        | 102.13           | -2.16       | --             | --              | Peak     | 148.00         | 150         | Horizontal | N/A     |
| 4** | 5749.400        | 94.60            | -2.16       | --             | --              | AV       | 148.00         | 150         | Horizontal | N/A     |
| 5   | 11950.175       | 49.90            | 1.39        | 74.0           | -24.10          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 5** | 11950.175       | 40.63            | 1.39        | 54.0           | -13.37          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 6   | 15805.763       | 53.28            | 2.25        | 74.0           | -20.72          | Peak     | 214.00         | 150         | Horizontal | Pass    |
| 6** | 15805.763       | 44.37            | 2.25        | 54.0           | -9.63           | AV       | 214.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1545.000        | 38.22            | -17.49      | 74.0           | -35.78          | Peak     | 362.00         | 150         | Vertical | Pass    |
| 1** | 1545.000        | 27.68            | -17.49      | 54.0           | -26.32          | AV       | 362.00         | 150         | Vertical | Pass    |
| 2   | 2793.800        | 42.55            | -10.61      | 74.0           | -31.45          | Peak     | 197.00         | 150         | Vertical | Pass    |
| 2** | 2793.800        | 32.48            | -10.61      | 54.0           | -21.52          | AV       | 197.00         | 150         | Vertical | Pass    |
| 3   | 4045.200        | 46.23            | -4.86       | 74.0           | -27.77          | Peak     | 254.00         | 150         | Vertical | Pass    |
| 3** | 4045.200        | 36.87            | -4.86       | 54.0           | -17.13          | AV       | 254.00         | 150         | Vertical | Pass    |
| 4   | 5744.600        | 95.43            | -2.35       | --             | --              | Peak     | 43.00          | 150         | Vertical | N/A     |
| 4** | 5744.600        | 89.11            | -2.35       | --             | --              | AV       | 43.00          | 150         | Vertical | N/A     |
| 5   | 12045.912       | 49.83            | 0.94        | 74.0           | -24.17          | Peak     | 209.00         | 150         | Vertical | Pass    |
| 5** | 12045.912       | 40.63            | 0.94        | 54.0           | -13.37          | AV       | 209.00         | 150         | Vertical | Pass    |
| 6   | 15797.363       | 53.07            | 2.25        | 74.0           | -20.93          | Peak     | 219.00         | 150         | Vertical | Pass    |
| 6** | 15797.363       | 45.01            | 2.25        | 54.0           | -8.99           | AV       | 219.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1499.700        | 36.41            | -17.56      | 74.0           | -37.59          | Peak     | 241.00         | 150         | Horizontal | Pass    |
| 1** | 1499.700        | 26.41            | -17.56      | 54.0           | -27.59          | AV       | 241.00         | 150         | Horizontal | Pass    |
| 2   | 2812.100        | 42.46            | -10.12      | 74.0           | -31.54          | Peak     | 117.00         | 150         | Horizontal | Pass    |
| 2** | 2812.100        | 33.80            | -10.12      | 54.0           | -20.20          | AV       | 117.00         | 150         | Horizontal | Pass    |
| 3   | 4059.400        | 46.99            | -4.93       | 74.0           | -27.01          | Peak     | 139.00         | 150         | Horizontal | Pass    |
| 3** | 4059.400        | 38.35            | -4.93       | 54.0           | -15.65          | AV       | 139.00         | 150         | Horizontal | Pass    |
| 4   | 5786.200        | 102.77           | -2.45       | --             | --              | Peak     | 152.00         | 150         | Horizontal | N/A     |
| 4** | 5786.200        | 96.24            | -2.45       | --             | --              | AV       | 152.00         | 150         | Horizontal | N/A     |
| 5   | 11502.537       | 49.17            | -0.02       | 74.0           | -24.83          | Peak     | 33.00          | 150         | Horizontal | Pass    |
| 5** | 11502.537       | 41.19            | -0.02       | 54.0           | -12.81          | AV       | 33.00          | 150         | Horizontal | Pass    |
| 6   | 15806.812       | 53.40            | 2.23        | 74.0           | -20.60          | Peak     | 210.00         | 150         | Horizontal | Pass    |
| 6** | 15806.812       | 44.30            | 2.23        | 54.0           | -9.70           | AV       | 210.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1503.100        | 36.53            | -17.52      | 74.0           | -37.47          | Peak     | 5.00           | 150         | Vertical | Pass    |
| 1** | 1503.100        | 27.67            | -17.52      | 54.0           | -26.33          | AV       | 5.00           | 150         | Vertical | Pass    |
| 2   | 2809.500        | 41.91            | -10.27      | 74.0           | -32.09          | Peak     | 361.00         | 150         | Vertical | Pass    |
| 2** | 2809.500        | 33.54            | -10.27      | 54.0           | -20.46          | AV       | 361.00         | 150         | Vertical | Pass    |
| 3   | 4060.800        | 46.57            | -5.05       | 74.0           | -27.43          | Peak     | 89.00          | 150         | Vertical | Pass    |
| 3** | 4060.800        | 38.10            | -5.05       | 54.0           | -15.90          | AV       | 89.00          | 150         | Vertical | Pass    |
| 4   | 5787.600        | 94.35            | -2.46       | --             | --              | Peak     | 52.00          | 150         | Vertical | N/A     |
| 4** | 5787.600        | 87.63            | -2.46       | --             | --              | AV       | 52.00          | 150         | Vertical | N/A     |
| 5   | 11573.838       | 49.71            | -0.40       | 74.0           | -24.29          | Peak     | 218.00         | 150         | Vertical | Pass    |
| 5** | 11573.838       | 40.04            | -0.40       | 54.0           | -13.96          | AV       | 218.00         | 150         | Vertical | Pass    |
| 6   | 15800.250       | 53.16            | 2.33        | 74.0           | -20.84          | Peak     | 33.00          | 150         | Vertical | Pass    |
| 6** | 15800.250       | 45.44            | 2.33        | 54.0           | -8.56           | AV       | 33.00          | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1489.500        | 36.87            | -17.51      | 74.0           | -37.13          | Peak     | 262.00         | 150         | Horizontal | Pass    |
| 1** | 1489.500        | 28.70            | -17.51      | 54.0           | -25.30          | AV       | 262.00         | 150         | Horizontal | Pass    |
| 2   | 2776.000        | 42.76            | -10.47      | 74.0           | -31.24          | Peak     | 363.00         | 150         | Horizontal | Pass    |
| 2** | 2776.000        | 33.35            | -10.47      | 54.0           | -20.65          | AV       | 363.00         | 150         | Horizontal | Pass    |
| 3   | 4058.600        | 46.21            | -4.89       | 74.0           | -27.79          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 3** | 4058.600        | 36.81            | -4.89       | 54.0           | -17.19          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 4   | 5824.000        | 103.21           | -2.40       | --             | --              | Peak     | 135.00         | 150         | Horizontal | N/A     |
| 4** | 5824.000        | 97.06            | -2.40       | --             | --              | AV       | 135.00         | 150         | Horizontal | N/A     |
| 5   | 12274.763       | 50.27            | 1.61        | 74.0           | -23.73          | Peak     | 141.00         | 150         | Horizontal | Pass    |
| 5** | 12274.763       | 41.34            | 1.61        | 54.0           | -12.66          | AV       | 141.00         | 150         | Horizontal | Pass    |
| 6   | 15797.100       | 53.33            | 2.24        | 74.0           | -20.67          | Peak     | 4.00           | 150         | Horizontal | Pass    |
| 6** | 15797.100       | 45.09            | 2.24        | 54.0           | -8.91           | AV       | 4.00           | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1550.600        | 36.64            | -17.40      | 74.0           | -37.36          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 1** | 1550.600        | 27.65            | -17.40      | 54.0           | -26.35          | AV       | 360.00         | 150         | Vertical | Pass    |
| 2   | 2788.700        | 42.02            | -10.57      | 74.0           | -31.98          | Peak     | 340.00         | 150         | Vertical | Pass    |
| 2** | 2788.700        | 32.71            | -10.57      | 54.0           | -21.29          | AV       | 340.00         | 150         | Vertical | Pass    |
| 3   | 4202.200        | 47.83            | -5.13       | 74.0           | -26.17          | Peak     | 309.00         | 150         | Vertical | Pass    |
| 3** | 4202.200        | 36.77            | -5.13       | 54.0           | -17.23          | AV       | 309.00         | 150         | Vertical | Pass    |
| 4   | 5821.400        | 93.24            | -2.51       | --             | --              | Peak     | 110.00         | 150         | Vertical | N/A     |
| 4** | 5821.400        | 86.98            | -2.51       | --             | --              | AV       | 110.00         | 150         | Vertical | N/A     |
| 5   | 11449.925       | 49.56            | -0.05       | 74.0           | -24.44          | Peak     | 34.00          | 150         | Vertical | Pass    |
| 5** | 11449.925       | 40.67            | -0.05       | 54.0           | -13.33          | AV       | 34.00          | 150         | Vertical | Pass    |
| 6   | 15838.312       | 52.95            | 1.45        | 74.0           | -21.05          | Peak     | 33.00          | 150         | Vertical | Pass    |
| 6** | 15838.312       | 44.92            | 1.45        | 54.0           | -9.08           | AV       | 33.00          | 150         | 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   | 1532.400        | 38.55            | -17.76      | 74.0           | -35.45          | Peak     | 287.00         | 150         | Horizontal | Pass    |
| 1** | 1532.400        | 29.47            | -17.76      | 54.0           | -24.53          | AV       | 287.00         | 150         | Horizontal | Pass    |
| 2   | 2833.600        | 43.95            | -10.75      | 74.0           | -30.05          | Peak     | 199.00         | 150         | Horizontal | Pass    |
| 2** | 2833.600        | 34.19            | -10.75      | 54.0           | -19.81          | AV       | 199.00         | 150         | Horizontal | Pass    |
| 3   | 3792.200        | 46.59            | -5.52       | 74.0           | -27.41          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 3** | 3792.200        | 37.16            | -5.52       | 54.0           | -16.84          | AV       | 360.00         | 150         | Horizontal | Pass    |
| 4   | 5752.000        | 102.46           | -3.52       | --             | --              | Peak     | 252.00         | 150         | Horizontal | N/A     |
| 4** | 5752.000        | 96.23            | -3.52       | --             | --              | AV       | 252.00         | 150         | Horizontal | N/A     |
| 5   | 7401.638        | 48.70            | -1.64       | 74.0           | -25.30          | Peak     | 15.00          | 150         | Horizontal | Pass    |
| 5** | 7401.638        | 40.18            | -1.64       | 54.0           | -13.82          | AV       | 15.00          | 150         | Horizontal | Pass    |
| 6   | 11654.912       | 51.31            | 2.54        | 74.0           | -22.69          | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 6** | 11654.912       | 42.38            | 2.54        | 54.0           | -11.62          | AV       | 360.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1364.800        | 38.64            | -17.51      | 74.0           | -35.36          | Peak     | 45.00          | 150         | Vertical | Pass    |
| 1** | 1364.800        | 28.80            | -17.51      | 54.0           | -25.20          | AV       | 45.00          | 150         | Vertical | Pass    |
| 2   | 2823.100        | 43.24            | -10.52      | 74.0           | -30.76          | Peak     | 163.00         | 150         | Vertical | Pass    |
| 2** | 2823.100        | 34.39            | -10.52      | 54.0           | -19.61          | AV       | 163.00         | 150         | Vertical | Pass    |
| 3   | 4319.600        | 48.46            | -4.92       | 74.0           | -25.54          | Peak     | 188.00         | 150         | Vertical | Pass    |
| 3** | 4319.600        | 38.84            | -4.92       | 54.0           | -15.16          | AV       | 188.00         | 150         | Vertical | Pass    |
| 4   | 5752.200        | 96.13            | -3.52       | --             | --              | Peak     | 188.00         | 150         | Vertical | N/A     |
| 4** | 5752.200        | 88.36            | -3.52       | --             | --              | AV       | 188.00         | 150         | Vertical | N/A     |
| 5   | 7537.337        | 48.61            | -1.70       | 74.0           | -25.39          | Peak     | 147.00         | 150         | Vertical | Pass    |
| 5** | 7537.337        | 40.02            | -1.70       | 54.0           | -13.98          | AV       | 147.00         | 150         | Vertical | Pass    |
| 6   | 11661.813       | 51.47            | 2.51        | 74.0           | -22.53          | Peak     | 100.00         | 150         | Vertical | Pass    |
| 6** | 11661.813       | 42.11            | 2.51        | 54.0           | -11.89          | AV       | 100.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1500.100        | 38.61            | -17.70      | 74.0           | -35.39          | Peak     | 345.00         | 150         | Horizontal | Pass    |
| 1** | 1500.100        | 29.57            | -17.70      | 54.0           | -24.43          | AV       | 345.00         | 150         | Horizontal | Pass    |
| 2   | 2735.000        | 43.76            | -10.78      | 74.0           | -30.24          | Peak     | 65.00          | 150         | Horizontal | Pass    |
| 2** | 2735.000        | 33.60            | -10.78      | 54.0           | -20.40          | AV       | 65.00          | 150         | Horizontal | Pass    |
| 3   | 4785.400        | 49.84            | -3.67       | 74.0           | -24.16          | Peak     | 259.00         | 150         | Horizontal | Pass    |
| 3** | 4785.400        | 40.48            | -3.67       | 54.0           | -13.52          | AV       | 259.00         | 150         | Horizontal | Pass    |
| 4   | 5797.000        | 103.07           | -2.72       | --             | --              | Peak     | 99.00          | 150         | Horizontal | N/A     |
| 4** | 5797.000        | 95.87            | -2.72       | --             | --              | AV       | 99.00          | 150         | Horizontal | N/A     |
| 5   | 7403.075        | 49.26            | -1.66       | 74.0           | -24.74          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 5** | 7403.075        | 40.20            | -1.66       | 54.0           | -13.80          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 6   | 11622.425       | 50.83            | 2.25        | 74.0           | -23.17          | Peak     | 289.00         | 150         | Horizontal | Pass    |
| 6** | 11622.425       | 41.41            | 2.25        | 54.0           | -12.59          | AV       | 289.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1520.600        | 38.51            | -17.70      | 74.0           | -35.49          | Peak     | 187.00         | 150         | Vertical | Pass    |
| 1** | 1520.600        | 28.67            | -17.70      | 54.0           | -25.33          | AV       | 187.00         | 150         | Vertical | Pass    |
| 2   | 2736.000        | 43.33            | -10.77      | 74.0           | -30.67          | Peak     | 73.00          | 150         | Vertical | Pass    |
| 2** | 2736.000        | 33.89            | -10.77      | 54.0           | -20.11          | AV       | 73.00          | 150         | Vertical | Pass    |
| 3   | 4151.600        | 47.92            | -5.20       | 74.0           | -26.08          | Peak     | 238.00         | 150         | Vertical | Pass    |
| 3** | 4151.600        | 38.89            | -5.20       | 54.0           | -15.11          | AV       | 238.00         | 150         | Vertical | Pass    |
| 4   | 5792.000        | 94.75            | -2.85       | --             | --              | Peak     | 128.00         | 150         | Vertical | N/A     |
| 4** | 5792.000        | 87.79            | -2.85       | --             | --              | AV       | 128.00         | 150         | Vertical | N/A     |
| 5   | 7408.250        | 48.78            | -1.74       | 74.0           | -25.22          | Peak     | 91.00          | 150         | Vertical | Pass    |
| 5** | 7408.250        | 40.24            | -1.74       | 54.0           | -13.76          | AV       | 91.00          | 150         | Vertical | Pass    |
| 6   | 11678.775       | 51.28            | 2.44        | 74.0           | -22.72          | Peak     | 261.00         | 150         | Vertical | Pass    |
| 6** | 11678.775       | 41.99            | 2.44        | 54.0           | -12.01          | AV       | 261.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1378.700        | 38.55            | -17.52      | 74.0           | -35.45          | Peak     | 115.00         | 150         | Horizontal | Pass    |
| 1** | 1378.700        | 28.27            | -17.52      | 54.0           | -25.73          | AV       | 115.00         | 150         | Horizontal | Pass    |
| 2   | 2839.200        | 43.44            | -10.80      | 74.0           | -30.56          | Peak     | 64.00          | 150         | Horizontal | Pass    |
| 2** | 2839.200        | 33.76            | -10.80      | 54.0           | -20.24          | AV       | 64.00          | 150         | Horizontal | Pass    |
| 3   | 5111.800        | 51.34            | -3.15       | 74.0           | -22.66          | Peak     | 76.00          | 150         | Horizontal | Pass    |
| 3** | 5111.800        | 40.69            | -3.15       | 54.0           | -13.31          | AV       | 76.00          | 150         | Horizontal | Pass    |
| 4   | 5743.600        | 105.47           | -3.60       | --             | --              | Peak     | 245.00         | 150         | Horizontal | N/A     |
| 4** | 5743.600        | 98.00            | -3.60       | --             | --              | AV       | 245.00         | 150         | Horizontal | N/A     |
| 5   | 7422.625        | 48.98            | -2.12       | 74.0           | -25.02          | Peak     | 257.00         | 150         | Horizontal | Pass    |
| 5** | 7422.625        | 41.22            | -2.12       | 54.0           | -12.78          | AV       | 257.00         | 150         | Horizontal | Pass    |
| 6   | 11698.900       | 51.69            | 2.31        | 74.0           | -22.31          | Peak     | 285.00         | 150         | Horizontal | Pass    |
| 6** | 11698.900       | 41.54            | 2.31        | 54.0           | -12.46          | AV       | 285.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1377.700        | 39.06            | -17.56      | 74.0           | -34.94          | Peak     | 153.00         | 150         | Vertical | Pass    |
| 1** | 1377.700        | 28.69            | -17.56      | 54.0           | -25.31          | AV       | 153.00         | 150         | Vertical | Pass    |
| 2   | 2778.800        | 43.69            | -11.19      | 74.0           | -30.31          | Peak     | 283.00         | 150         | Vertical | Pass    |
| 2** | 2778.800        | 34.15            | -11.19      | 54.0           | -19.85          | AV       | 283.00         | 150         | Vertical | Pass    |
| 3   | 4841.600        | 49.88            | -3.52       | 74.0           | -24.12          | Peak     | 0.00           | 150         | Vertical | Pass    |
| 3** | 4841.600        | 40.15            | -3.52       | 54.0           | -13.85          | AV       | 0.00           | 150         | Vertical | Pass    |
| 4   | 5747.200        | 98.76            | -3.59       | --             | --              | Peak     | 174.00         | 150         | Vertical | N/A     |
| 4** | 5747.200        | 91.41            | -3.59       | --             | --              | AV       | 174.00         | 150         | Vertical | N/A     |
| 5   | 7403.075        | 49.20            | -1.66       | 74.0           | -24.80          | Peak     | 286.00         | 150         | Vertical | Pass    |
| 5** | 7403.075        | 39.75            | -1.66       | 54.0           | -14.25          | AV       | 286.00         | 150         | Vertical | Pass    |
| 6   | 11653.188       | 50.99            | 2.54        | 74.0           | -23.01          | Peak     | 89.00          | 150         | Vertical | Pass    |
| 6** | 11653.188       | 41.98            | 2.54        | 54.0           | -12.02          | AV       | 89.00          | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1490.600        | 39.15            | -17.73      | 74.0           | -34.85          | Peak     | 130.00         | 150         | Horizontal | Pass    |
| 1** | 1490.600        | 28.21            | -17.73      | 54.0           | -25.79          | AV       | 130.00         | 150         | Horizontal | Pass    |
| 2   | 2808.900        | 42.80            | -10.87      | 74.0           | -31.20          | Peak     | 141.00         | 150         | Horizontal | Pass    |
| 2** | 2808.900        | 34.61            | -10.87      | 54.0           | -19.39          | AV       | 141.00         | 150         | Horizontal | Pass    |
| 3   | 4319.200        | 48.45            | -4.94       | 74.0           | -25.55          | Peak     | 268.00         | 150         | Horizontal | Pass    |
| 3** | 4319.200        | 38.64            | -4.94       | 54.0           | -15.36          | AV       | 268.00         | 150         | Horizontal | Pass    |
| 4   | 5783.600        | 105.68           | -3.05       | --             | --              | Peak     | 261.00         | 150         | Horizontal | N/A     |
| 4** | 5783.600        | 98.31            | -3.05       | --             | --              | AV       | 261.00         | 150         | Horizontal | N/A     |
| 5   | 7382.087        | 49.11            | -1.72       | 74.0           | -24.89          | Peak     | 277.00         | 150         | Horizontal | Pass    |
| 5** | 7382.087        | 40.14            | -1.72       | 54.0           | -13.86          | AV       | 277.00         | 150         | Horizontal | Pass    |
| 6   | 11664.113       | 51.29            | 2.50        | 74.0           | -22.71          | Peak     | 230.00         | 150         | Horizontal | Pass    |
| 6** | 11664.113       | 42.91            | 2.50        | 54.0           | -11.09          | AV       | 230.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1479.000        | 38.59            | -17.77      | 74.0           | -35.41          | Peak     | 2.00           | 150         | Vertical | Pass    |
| 1** | 1479.000        | 29.22            | -17.77      | 54.0           | -24.78          | AV       | 2.00           | 150         | Vertical | Pass    |
| 2   | 2813.700        | 42.89            | -10.81      | 74.0           | -31.11          | Peak     | 120.00         | 150         | Vertical | Pass    |
| 2** | 2813.700        | 35.05            | -10.81      | 54.0           | -18.95          | AV       | 120.00         | 150         | Vertical | Pass    |
| 3   | 4658.400        | 49.33            | -4.31       | 74.0           | -24.67          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 3** | 4658.400        | 39.67            | -4.31       | 54.0           | -14.33          | AV       | 360.00         | 150         | Vertical | Pass    |
| 4   | 5783.800        | 99.69            | -3.04       | --             | --              | Peak     | 127.00         | 150         | Vertical | N/A     |
| 4** | 5783.800        | 92.24            | -3.04       | --             | --              | AV       | 127.00         | 150         | Vertical | N/A     |
| 5   | 7414.862        | 49.00            | -1.92       | 74.0           | -25.00          | Peak     | 229.00         | 150         | Vertical | Pass    |
| 5** | 7414.862        | 39.33            | -1.92       | 54.0           | -14.67          | AV       | 229.00         | 150         | Vertical | Pass    |
| 6   | 11687.975       | 51.28            | 2.40        | 74.0           | -22.72          | Peak     | 15.00          | 150         | Vertical | Pass    |
| 6** | 11687.975       | 42.25            | 2.40        | 54.0           | -11.75          | AV       | 15.00          | 150         | 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   | 1480.000        | 38.16            | -17.76      | 74.0           | -35.84          | Peak     | 166.00         | 150         | Horizontal | Pass    |
| 1** | 1480.000        | 29.17            | -17.76      | 54.0           | -24.83          | AV       | 166.00         | 150         | Horizontal | Pass    |
| 2   | 2723.400        | 43.13            | -10.86      | 74.0           | -30.87          | Peak     | 54.00          | 150         | Horizontal | Pass    |
| 2** | 2723.400        | 33.71            | -10.86      | 54.0           | -20.29          | AV       | 54.00          | 150         | Horizontal | Pass    |
| 3   | 3759.400        | 46.20            | -6.68       | 74.0           | -27.80          | Peak     | 90.00          | 150         | Horizontal | Pass    |
| 3** | 3759.400        | 37.51            | -6.68       | 54.0           | -16.49          | AV       | 90.00          | 150         | Horizontal | Pass    |
| 4   | 5823.600        | 106.34           | -2.75       | --             | --              | Peak     | 237.00         | 150         | Horizontal | N/A     |
| 4** | 5823.600        | 98.66            | -2.75       | --             | --              | AV       | 237.00         | 150         | Horizontal | N/A     |
| 5   | 7391.575        | 48.74            | -1.72       | 74.0           | -25.26          | Peak     | 359.00         | 150         | Horizontal | Pass    |
| 5** | 7391.575        | 40.54            | -1.72       | 54.0           | -13.46          | AV       | 359.00         | 150         | Horizontal | Pass    |
| 6   | 12241.125       | 51.37            | 2.64        | 74.0           | -22.63          | Peak     | 89.00          | 150         | Horizontal | Pass    |
| 6** | 12241.125       | 41.55            | 2.64        | 54.0           | -12.45          | AV       | 89.00          | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1378.900        | 38.42            | -17.51      | 74.0           | -35.58          | Peak     | 47.00          | 150         | Vertical | Pass    |
| 1** | 1378.900        | 28.35            | -17.51      | 54.0           | -25.65          | AV       | 47.00          | 150         | Vertical | Pass    |
| 2   | 2758.200        | 43.11            | -10.96      | 74.0           | -30.89          | Peak     | 204.00         | 150         | Vertical | Pass    |
| 2** | 2758.200        | 34.06            | -10.96      | 54.0           | -19.94          | AV       | 204.00         | 150         | Vertical | Pass    |
| 3   | 4789.400        | 50.30            | -3.67       | 74.0           | -23.70          | Peak     | 320.00         | 150         | Vertical | Pass    |
| 3** | 4789.400        | 40.70            | -3.67       | 54.0           | -13.30          | AV       | 320.00         | 150         | Vertical | Pass    |
| 4   | 5823.400        | 98.48            | -2.75       | --             | --              | Peak     | 129.00         | 150         | Vertical | N/A     |
| 4** | 5823.400        | 91.47            | -2.75       | --             | --              | AV       | 129.00         | 150         | Vertical | N/A     |
| 5   | 7408.825        | 49.02            | -1.75       | 74.0           | -24.98          | Peak     | 52.00          | 150         | Vertical | Pass    |
| 5** | 7408.825        | 39.93            | -1.75       | 54.0           | -14.07          | AV       | 52.00          | 150         | Vertical | Pass    |
| 6   | 12209.787       | 50.73            | 2.58        | 74.0           | -23.27          | Peak     | 258.00         | 150         | Vertical | Pass    |
| 6** | 12209.787       | 41.21            | 2.58        | 54.0           | -12.79          | AV       | 258.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1346.800        | 38.55            | -17.67      | 74.0           | -35.45          | Peak     | 1.00           | 150         | Horizontal | Pass    |
| 1** | 1346.800        | 28.70            | -17.67      | 54.0           | -25.30          | AV       | 1.00           | 150         | Horizontal | Pass    |
| 2   | 2843.000        | 43.51            | -10.82      | 74.0           | -30.49          | Peak     | 58.00          | 150         | Horizontal | Pass    |
| 2** | 2843.000        | 33.61            | -10.82      | 54.0           | -20.39          | AV       | 58.00          | 150         | Horizontal | Pass    |
| 3   | 4041.800        | 47.78            | -5.38       | 74.0           | -26.22          | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 3** | 4041.800        | 37.97            | -5.38       | 54.0           | -16.03          | AV       | 0.00           | 150         | Horizontal | Pass    |
| 4   | 5753.400        | 101.54           | -3.50       | --             | --              | Peak     | 238.00         | 150         | Horizontal | N/A     |
| 4** | 5753.400        | 93.95            | -3.50       | --             | --              | AV       | 238.00         | 150         | Horizontal | N/A     |
| 5   | 7395.313        | 48.94            | -1.58       | 74.0           | -25.06          | Peak     | 6.00           | 150         | Horizontal | Pass    |
| 5** | 7395.313        | 40.01            | -1.58       | 54.0           | -13.99          | AV       | 6.00           | 150         | Horizontal | Pass    |
| 6   | 11785.437       | 50.76            | 1.20        | 74.0           | -23.24          | Peak     | 81.00          | 150         | Horizontal | Pass    |
| 6** | 11785.437       | 40.73            | 1.20        | 54.0           | -13.27          | AV       | 81.00          | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1381.800        | 38.79            | -17.51      | 74.0           | -35.21          | Peak     | 36.00          | 150         | Vertical | Pass    |
| 1** | 1381.800        | 28.31            | -17.51      | 54.0           | -25.69          | AV       | 36.00          | 150         | Vertical | Pass    |
| 2   | 2860.200        | 43.69            | -10.55      | 74.0           | -30.31          | Peak     | 143.00         | 150         | Vertical | Pass    |
| 2** | 2860.200        | 33.85            | -10.55      | 54.0           | -20.15          | AV       | 143.00         | 150         | Vertical | Pass    |
| 3   | 4232.000        | 48.20            | -5.03       | 74.0           | -25.80          | Peak     | 123.00         | 150         | Vertical | Pass    |
| 3** | 4232.000        | 38.86            | -5.03       | 54.0           | -15.14          | AV       | 123.00         | 150         | Vertical | Pass    |
| 4   | 5757.000        | 94.39            | -3.51       | --             | --              | Peak     | 188.00         | 150         | Vertical | N/A     |
| 4** | 5757.000        | 87.19            | -3.51       | --             | --              | AV       | 188.00         | 150         | Vertical | N/A     |
| 5   | 7421.188        | 49.00            | -2.06       | 74.0           | -25.00          | Peak     | 61.00          | 150         | Vertical | Pass    |
| 5** | 7421.188        | 39.33            | -2.06       | 54.0           | -14.67          | AV       | 61.00          | 150         | Vertical | Pass    |
| 6   | 11663.825       | 51.04            | 2.50        | 74.0           | -22.96          | Peak     | 24.00          | 150         | Vertical | Pass    |
| 6** | 11663.825       | 41.74            | 2.50        | 54.0           | -12.26          | AV       | 24.00          | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1534.900        | 38.53            | -17.77      | 74.0           | -35.47          | Peak     | 58.00          | 150         | Horizontal | Pass    |
| 1** | 1534.900        | 29.27            | -17.77      | 54.0           | -24.73          | AV       | 58.00          | 150         | Horizontal | Pass    |
| 2   | 2737.700        | 42.73            | -10.73      | 74.0           | -31.27          | Peak     | 42.00          | 150         | Horizontal | Pass    |
| 2** | 2737.700        | 33.36            | -10.73      | 54.0           | -20.64          | AV       | 42.00          | 150         | Horizontal | Pass    |
| 3   | 3979.800        | 47.54            | -5.82       | 74.0           | -26.46          | Peak     | 196.00         | 150         | Horizontal | Pass    |
| 3** | 3979.800        | 37.44            | -5.82       | 54.0           | -16.56          | AV       | 196.00         | 150         | Horizontal | Pass    |
| 4   | 5792.200        | 101.66           | -2.85       | --             | --              | Peak     | 239.00         | 150         | Horizontal | N/A     |
| 4** | 5792.200        | 93.86            | -2.85       | --             | --              | AV       | 239.00         | 150         | Horizontal | N/A     |
| 5   | 7473.800        | 48.95            | -1.97       | 74.0           | -25.05          | Peak     | 202.00         | 150         | Horizontal | Pass    |
| 5** | 7473.800        | 38.94            | -1.97       | 54.0           | -15.06          | AV       | 202.00         | 150         | Horizontal | Pass    |
| 6   | 11693.725       | 51.40            | 2.35        | 74.0           | -22.60          | Peak     | 175.00         | 150         | Horizontal | Pass    |
| 6** | 11693.725       | 42.32            | 2.35        | 54.0           | -11.68          | AV       | 175.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1539.400        | 38.68            | -17.75      | 74.0           | -35.32          | Peak     | 1.00           | 150         | Vertical | Pass    |
| 1** | 1539.400        | 28.75            | -17.75      | 54.0           | -25.25          | AV       | 1.00           | 150         | Vertical | Pass    |
| 2   | 2874.500        | 44.25            | -10.58      | 74.0           | -29.75          | Peak     | 360.00         | 150         | Vertical | Pass    |
| 2** | 2874.500        | 34.40            | -10.58      | 54.0           | -19.60          | AV       | 360.00         | 150         | Vertical | Pass    |
| 3   | 4161.400        | 48.20            | -5.11       | 74.0           | -25.80          | Peak     | 343.00         | 150         | Vertical | Pass    |
| 3** | 4161.400        | 38.33            | -5.11       | 54.0           | -15.67          | AV       | 343.00         | 150         | Vertical | Pass    |
| 4   | 5790.600        | 93.96            | -2.87       | --             | --              | Peak     | 128.00         | 150         | Vertical | N/A     |
| 4** | 5790.600        | 86.50            | -2.87       | --             | --              | AV       | 128.00         | 150         | Vertical | N/A     |
| 5   | 7541.650        | 49.35            | -1.64       | 74.0           | -24.65          | Peak     | 15.00          | 150         | Vertical | Pass    |
| 5** | 7541.650        | 40.43            | -1.64       | 54.0           | -13.57          | AV       | 15.00          | 150         | Vertical | Pass    |
| 6   | 11704.362       | 50.66            | 2.24        | 74.0           | -23.34          | Peak     | 248.00         | 150         | Vertical | Pass    |
| 6** | 11704.362       | 42.94            | 2.24        | 54.0           | -11.06          | AV       | 248.00         | 150         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 1590.100        | 38.57            | -17.73      | 74.0           | -35.43          | Peak     | 181.00         | 150         | Horizontal | Pass    |
| 1** | 1590.100        | 28.70            | -17.73      | 54.0           | -25.30          | AV       | 181.00         | 150         | Horizontal | Pass    |
| 2   | 2817.900        | 44.30            | -10.61      | 74.0           | -29.70          | Peak     | 25.00          | 150         | Horizontal | Pass    |
| 2** | 2817.900        | 33.84            | -10.61      | 54.0           | -20.16          | AV       | 25.00          | 150         | Horizontal | Pass    |
| 3   | 3683.400        | 46.35            | -7.30       | 74.0           | -27.65          | Peak     | 33.00          | 150         | Horizontal | Pass    |
| 3** | 3683.400        | 36.45            | -7.30       | 54.0           | -17.55          | AV       | 33.00          | 150         | Horizontal | Pass    |
| 4   | 5768.200        | 98.70            | -3.38       | --             | --              | Peak     | 261.00         | 150         | Horizontal | N/A     |
| 4** | 5768.200        | 90.22            | -3.38       | --             | --              | AV       | 261.00         | 150         | Horizontal | N/A     |
| 5   | 7428.375        | 48.68            | -2.19       | 74.0           | -25.32          | Peak     | 267.00         | 150         | Horizontal | Pass    |
| 5** | 7428.375        | 39.38            | -2.19       | 54.0           | -14.62          | AV       | 267.00         | 150         | Horizontal | Pass    |
| 6   | 11652.901       | 51.26            | 2.54        | 74.0           | -22.74          | Peak     | 331.00         | 150         | Horizontal | Pass    |
| 6** | 11652.901       | 41.99            | 2.54        | 54.0           | -12.01          | AV       | 331.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 1558.600        | 38.68            | -17.67      | 74.0           | -35.32          | Peak     | 230.00         | 150         | Vertical | Pass    |
| 1** | 1558.600        | 29.04            | -17.67      | 54.0           | -24.96          | AV       | 230.00         | 150         | Vertical | Pass    |
| 2   | 2790.300        | 42.94            | -11.10      | 74.0           | -31.06          | Peak     | 150.00         | 150         | Vertical | Pass    |
| 2** | 2790.300        | 34.03            | -11.10      | 54.0           | -19.97          | AV       | 150.00         | 150         | Vertical | Pass    |
| 3   | 4255.600        | 48.22            | -4.74       | 74.0           | -25.78          | Peak     | 217.00         | 150         | Vertical | Pass    |
| 3** | 4255.600        | 38.72            | -4.74       | 54.0           | -15.28          | AV       | 217.00         | 150         | Vertical | Pass    |
| 4   | 5777.600        | 90.99            | -3.17       | --             | --              | Peak     | 129.00         | 150         | Vertical | N/A     |
| 4** | 5777.600        | 83.53            | -3.17       | --             | --              | AV       | 129.00         | 150         | Vertical | N/A     |
| 5   | 7334.362        | 49.32            | -2.64       | 74.0           | -24.68          | Peak     | 341.00         | 150         | Vertical | Pass    |
| 5** | 7334.362        | 38.14            | -2.64       | 54.0           | -15.86          | AV       | 341.00         | 150         | Vertical | Pass    |
| 6   | 11660.375       | 51.77            | 2.51        | 74.0           | -22.23          | Peak     | 164.00         | 150         | Vertical | Pass    |
| 6** | 11660.375       | 42.17            | 2.51        | 54.0           | -11.83          | AV       | 164.00         | 150         | Vertical | Pass    |

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

| Test Band | Mode            | Channel | Verdict |
|-----------|-----------------|---------|---------|
| U-NII-1   | 802.11a         | Low     | Pass    |
|           |                 | High    | Pass    |
|           | 802.11n(HT20)   | Low     | Pass    |
|           |                 | High    | Pass    |
|           | 802.11n(HT40)   | Low     | Pass    |
|           |                 | High    | Pass    |
|           | 802.11ac(VHT20) | Low     | Pass    |
|           |                 | High    | Pass    |
|           | 802.11ac(VHT40) | Low     | Pass    |
|           |                 | High    | Pass    |
|           | 802.11ac(VHT80) | Middle  | Pass    |
| U-NII-2A  | 802.11a         | Low     | Pass    |
|           |                 | High    | Pass    |
|           | 802.11n(HT20)   | Low     | Pass    |
|           |                 | High    | Pass    |
|           | 802.11n(HT40)   | Low     | Pass    |
|           |                 | High    | Pass    |
|           | 802.11ac(VHT20) | Low     | Pass    |
|           |                 | High    | Pass    |
|           | 802.11ac(VHT40) | Low     | Pass    |
|           |                 | High    | Pass    |
|           | 802.11ac(VHT80) | Middle  | Pass    |
| U-NII-2C  | 802.11a         | Low     | Pass    |
|           |                 | High    | Pass    |
|           |                 | 144     | Pass    |
|           | 802.11n(HT20)   | Low     | Pass    |
|           |                 | High    | Pass    |
|           |                 | 144     | Pass    |
|           | 802.11n(HT40)   | Low     | Pass    |
|           |                 | High    | Pass    |
|           |                 | 142     | Pass    |
|           | 802.11ac(VHT20) | Low     | Pass    |
|           |                 | High    | Pass    |
|           |                 | 144     | Pass    |
|           | 802.11ac(VHT40) | Low     | Pass    |
|           |                 | High    | Pass    |
|           |                 | 142     | Pass    |
|           | 802.11ac(VHT80) | Low     | Pass    |
|           |                 | High    | Pass    |
|           |                 | 138     | Pass    |
| U-NII-3   | 802.11a         | Low     | Pass    |
|           |                 | High    | Pass    |
|           | 802.11n(HT20)   | Low     | Pass    |
|           |                 | High    | Pass    |

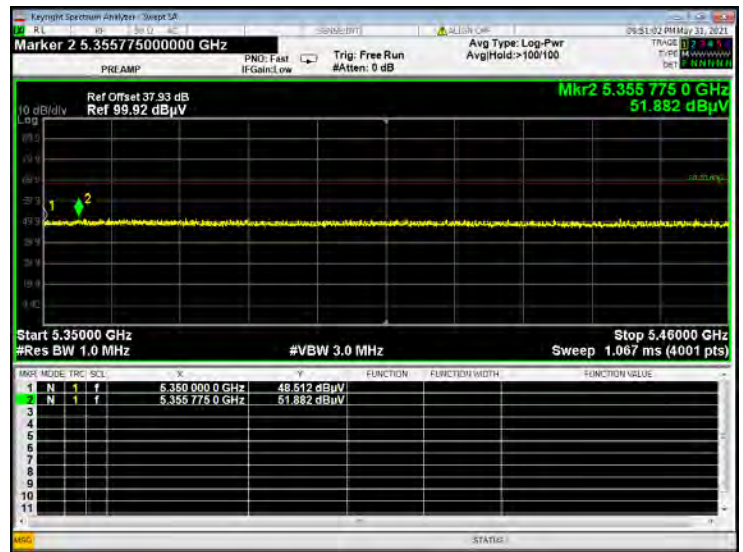
|  |                 |        |      |
|--|-----------------|--------|------|
|  | 802.11n(HT40)   | Low    | Pass |
|  |                 | High   | Pass |
|  | 802.11ac(VHT20) | Low    | Pass |
|  |                 | High   | Pass |
|  | 802.11ac(VHT40) | Low    | Pass |
|  |                 | High   | Pass |
|  | 802.11ac(VHT80) | Middle | Pass |
|  |                 |        |      |

## Test Plots

### U-NII-1 11a CH36 Peak



### U-NII-1 11a CH48 Peak



### U-NII-1 11a CH36 AV



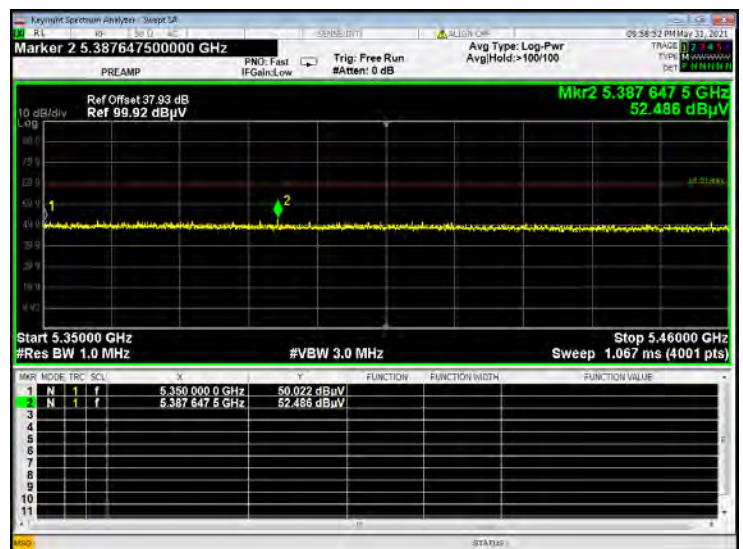
### U-NII-1 11a CH36 AV



### U-NII-1 11n20 CH36 Peak



### U-NII-1 11n20 CH48 Peak



U-NII-1 11n20 CH36 AV



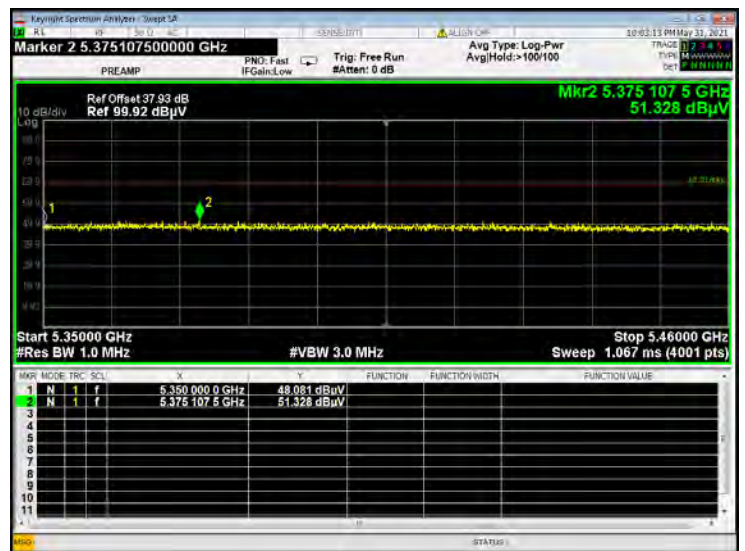
U-NII-1 11n20 CH36 AV



U-NII-1 11n40 CH38 Peak



U-NII-1 11n40 CH46 Peak



U-NII-1 11n40 CH38 AV



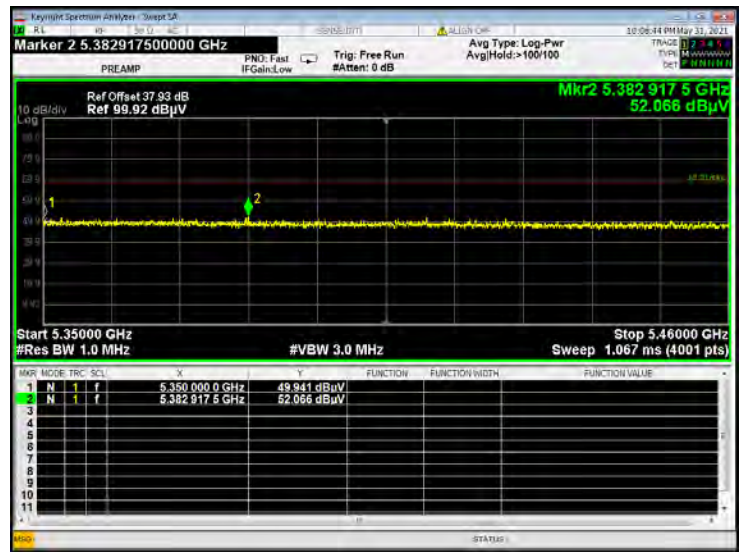
U-NII-1 11n40 CH38 AV



## U-NII-1 11ac20 CH36 Peak



## U-NII-1 11ac20 CH48 Peak



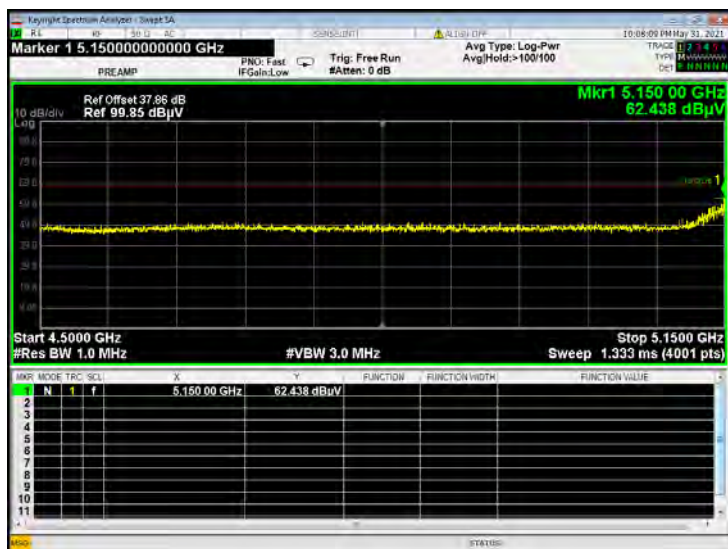
## U-NII-1 11ac20 CH36 AV



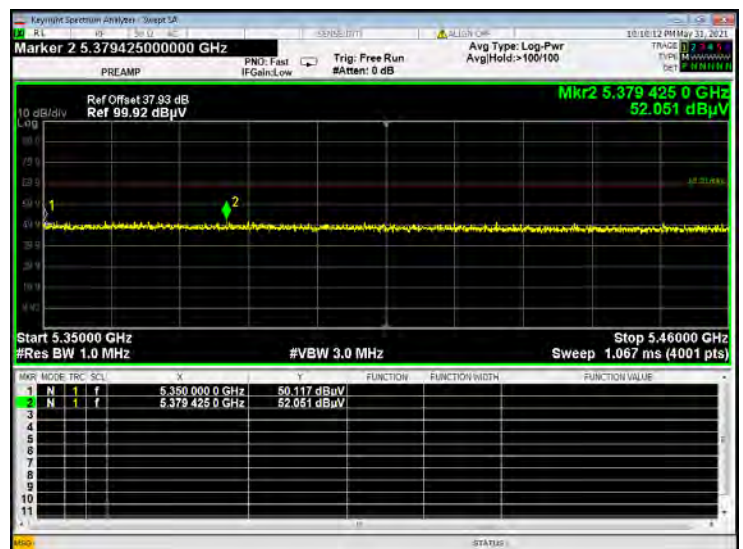
## U-NII-1 11ac20 CH36 AV



## U-NII-1 11ac40 CH38 Peak



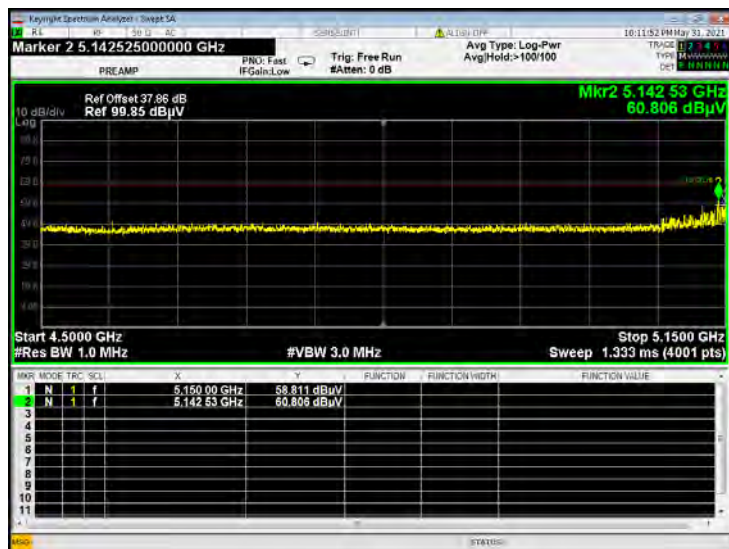
## U-NII-1 11ac40 CH46 Peak



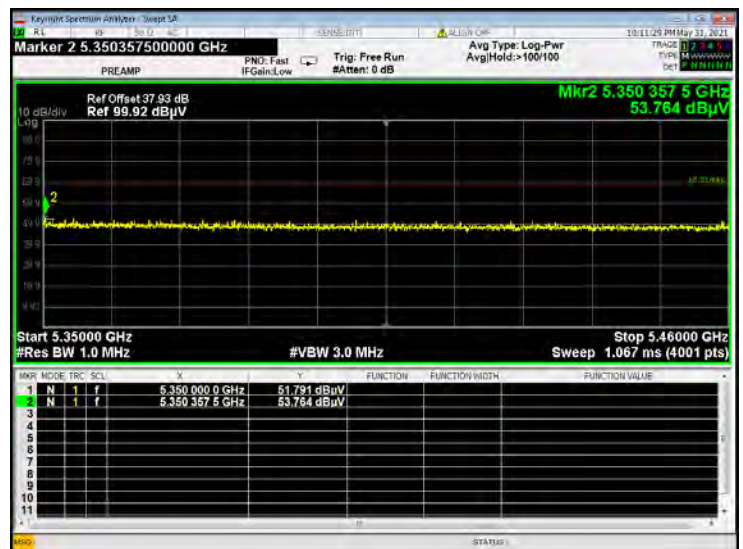
## U-NII-1 11ac40 CH38 AV



## U-NII-1 11ac80 CH42 Peak



## U-NII-1 11ac80 CH42 Peak



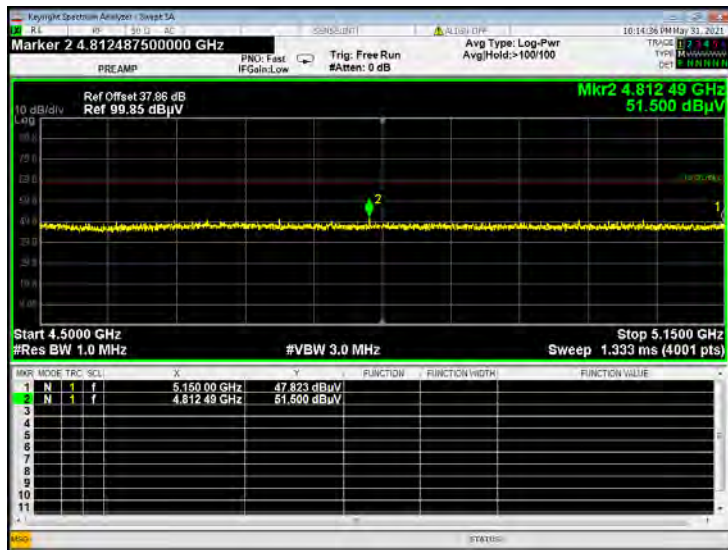
## U-NII-1 11ac80 CH42 AV



## U-NII-1 11ac80 CH42 AV



## U-NII-2A 11a CH52 Peak



## U-NII-2A 11a CH64 Peak



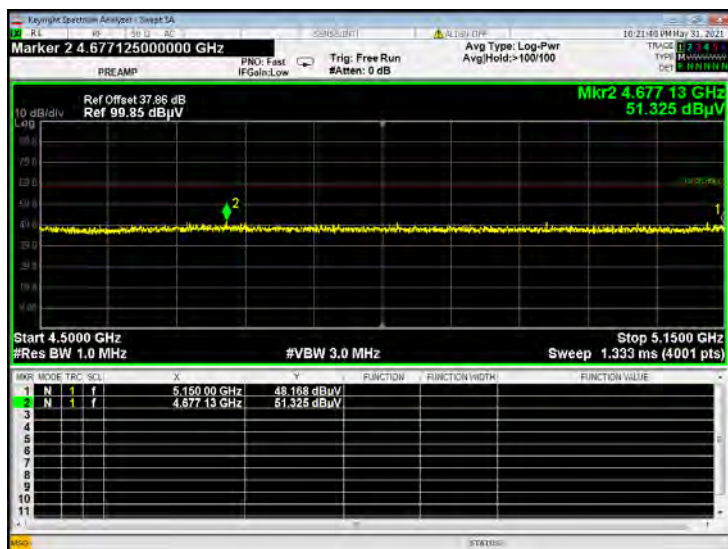
## U-NII-2A 11a CH64 AV



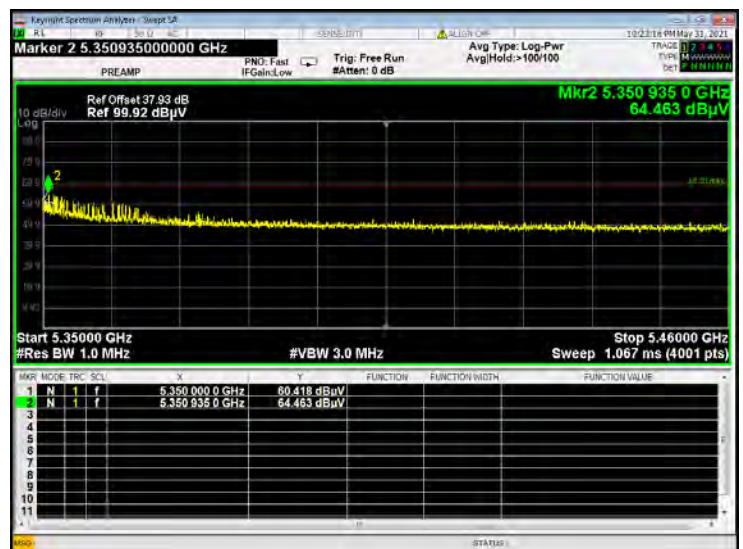
## U-NII-2A 11a CH64 AV



## U-NII-2A 11n20 CH52 Peak



## U-NII-2A 11n20 CH64 Peak



U-NII-2A 11n20 CH64 AV



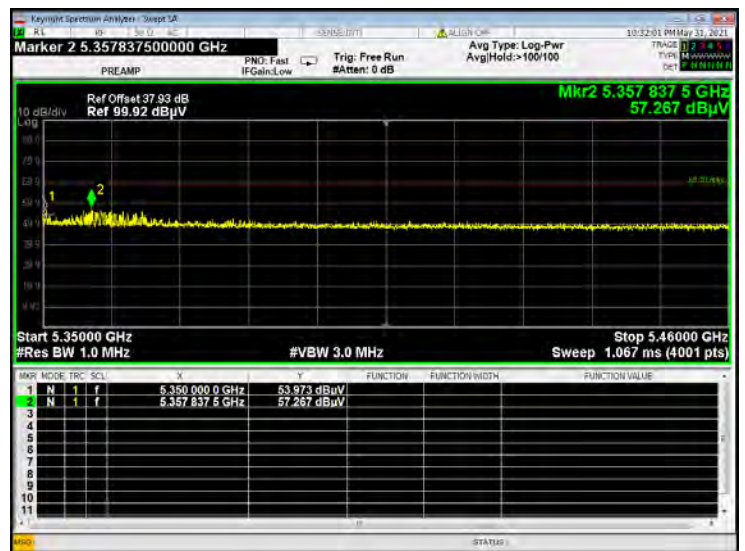
U-NII-2A 11n20 CH64 AV



U-NII-2A 11n40 CH54 Peak



U-NII-2A 11n40 CH54 Peak



U-NII-2A 11n40 CH54 AV



### U-NII-2A 11n40 CH62 Peak



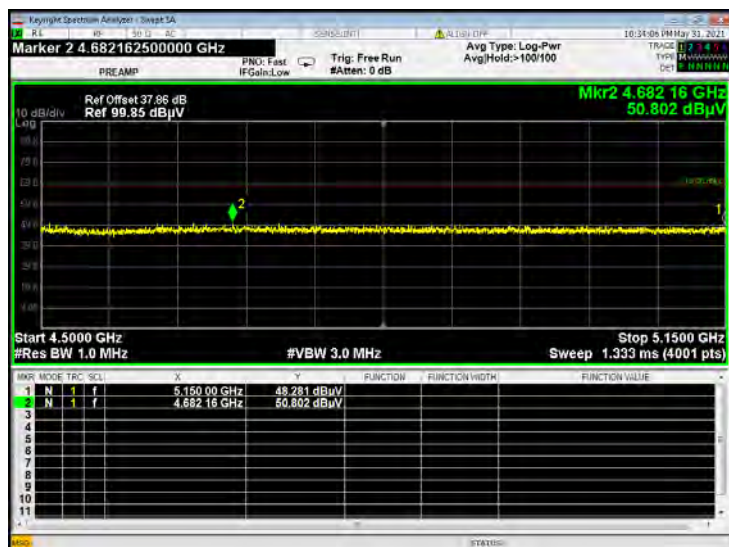
### U-NII-2A 11n40 CH62 AV



### U-NII-2A 11n40 CH62 AV



### U-NII-2A 11ac20 CH52 Peak



### U-NII-2A 11ac20 CH64 Peak



## U-NII-2A 11ac20 CH64 AV



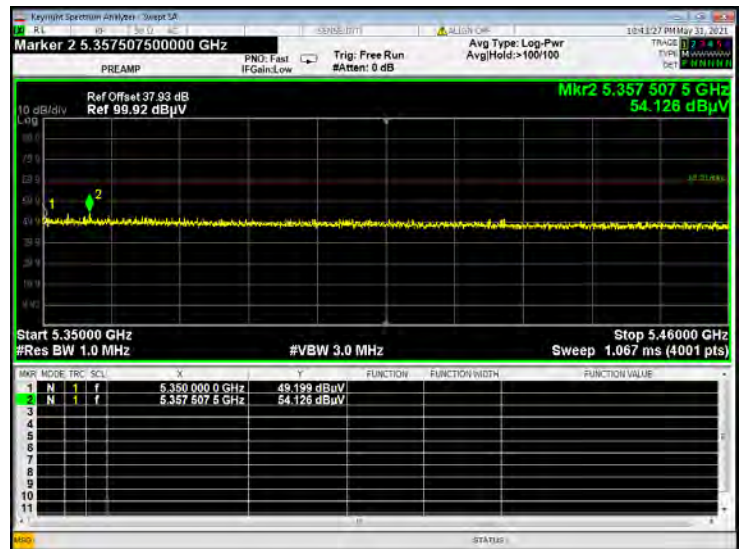
## U-NII-2A 11ac20 CH64 AV



## U-NII-2A 11ac40 CH54 Peak



## U-NII-2A 11ac40 CH54 Peak



## U-NII-2A 11ac40 CH54 AV



## U-NII-2A 11ac40 CH62 Peak



## U-NII-2A 11ac40 CH62 AV



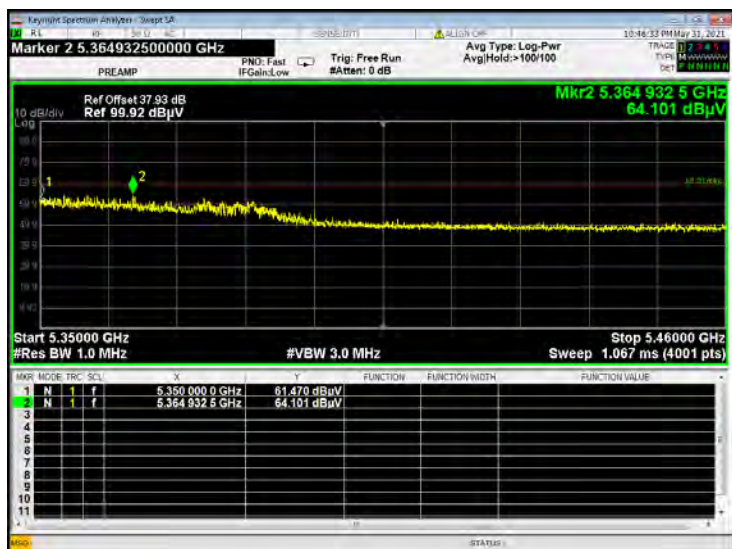
## U-NII-2A 11ac40 CH62 AV



## U-NII-2A 11ac80 CH58 Peak



## U-NII-2A 11ac80 CH58 Peak



U-NII-2A 11ac80 CH58 AV



U-NII-2A 11ac80 CH58 AV



U-NII-2C 11a CH100 Peak



U-NII-2C 11a CH140 Peak



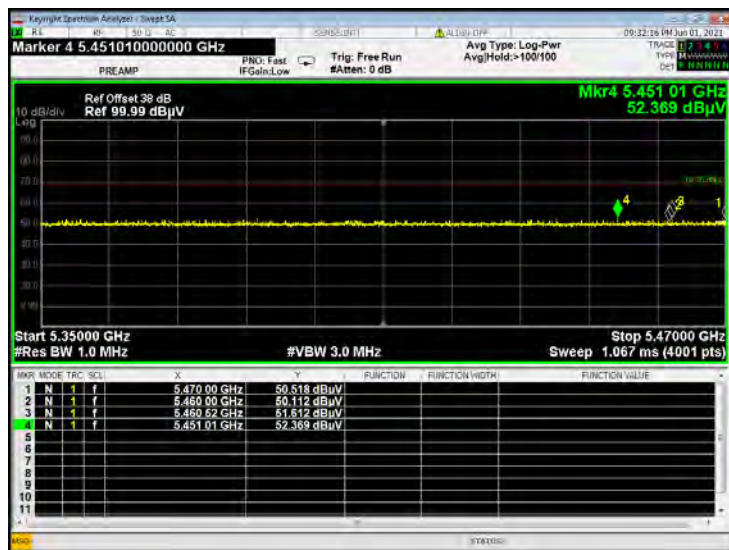
U-NII-2C 11a CH100 AV



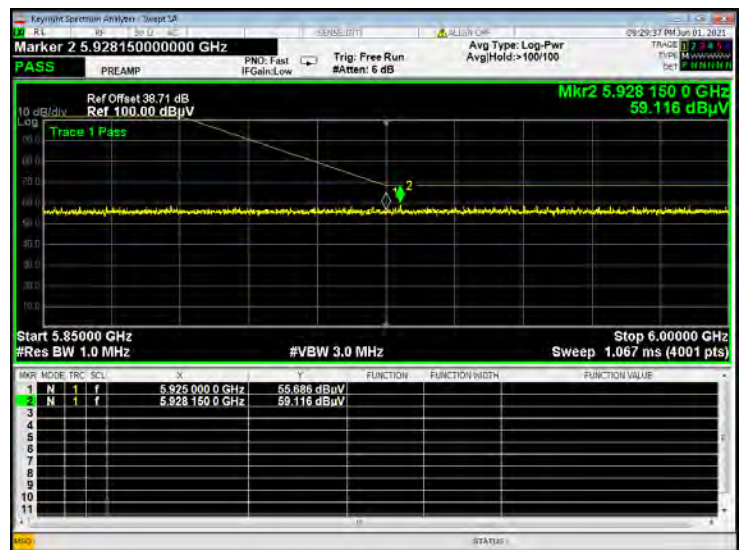
U-NII-2C 11a CH100 AV



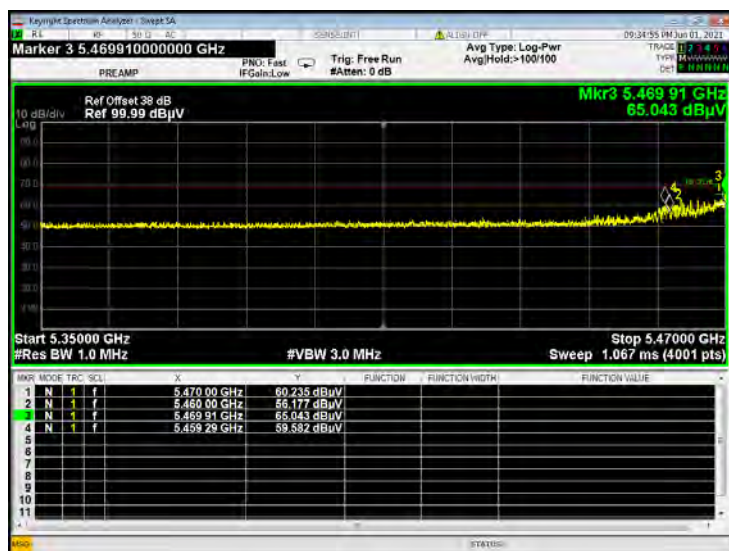
## U-NII-2C 11a CH144 Peak



## U-NII-2C 11a CH144 Peak



## U-NII-2C 11n20 CH100 Peak



## U-NII-2C 11n20 CH140 Peak



## U-NII-2C 11n20 CH100 AV



## U-NII-2C 11n20 CH100 AV



## U-NII-2C 11n20 CH144 Peak



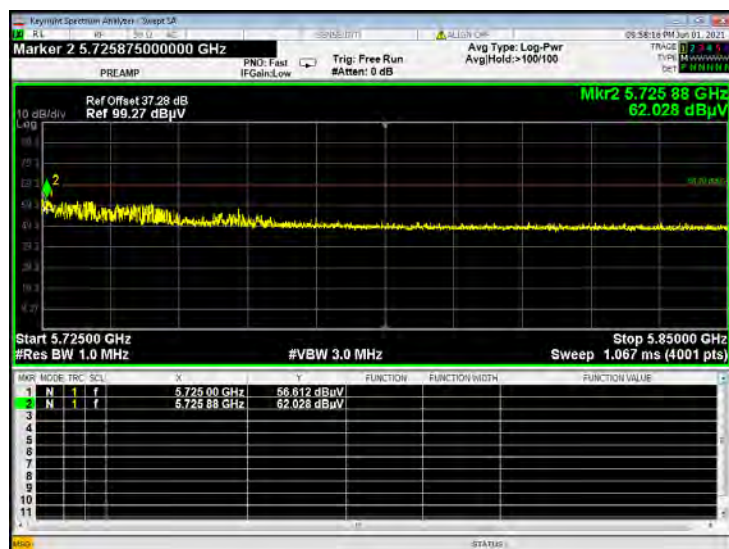
## U-NII-2C 11n20 CH144 Peak



## U-NII-2C 11n40 CH102 Peak



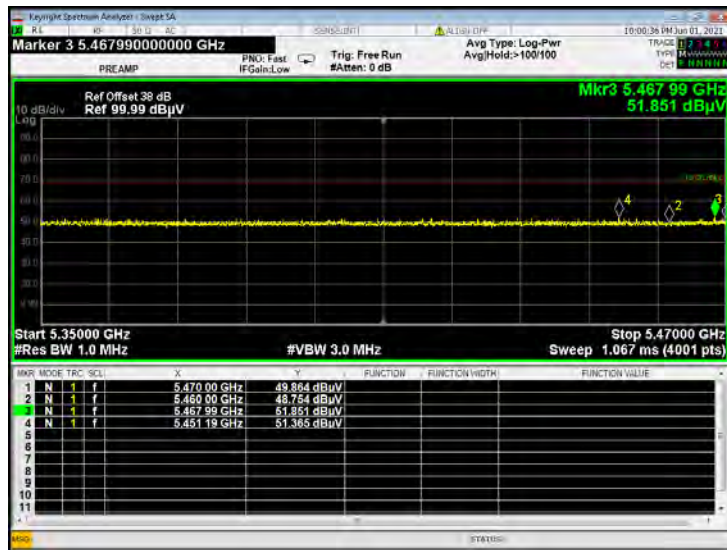
## U-NII-2C 11n40 CH134 Peak



## U-NII-2C 11n40 CH102 AV



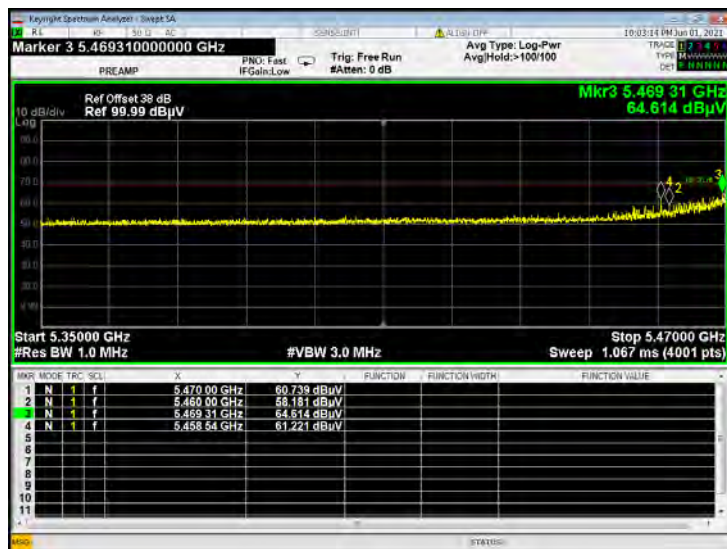
## U-NII-2C 11n40 CH142 Peak



## U-NII-2C 11n40 CH142 Peak



## U-NII-2C 11ac20 CH100 Peak



## U-NII-2C 11ac20 CH140 Peak



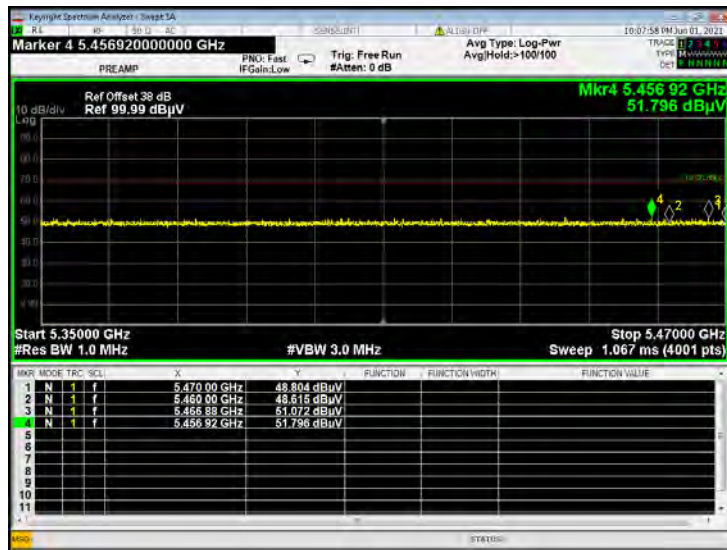
## U-NII-2C 11ac20 CH100 AV



## U-NII-2C 11ac20 CH100 AV



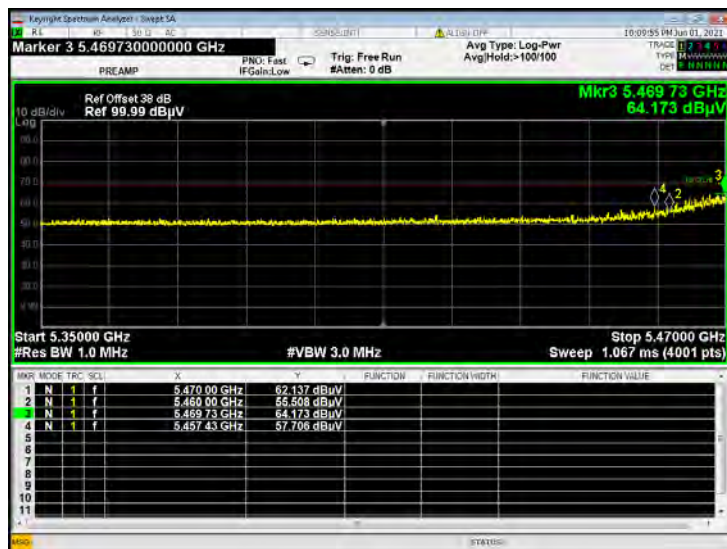
## U-NII-2C 11ac20 CH144 Peak



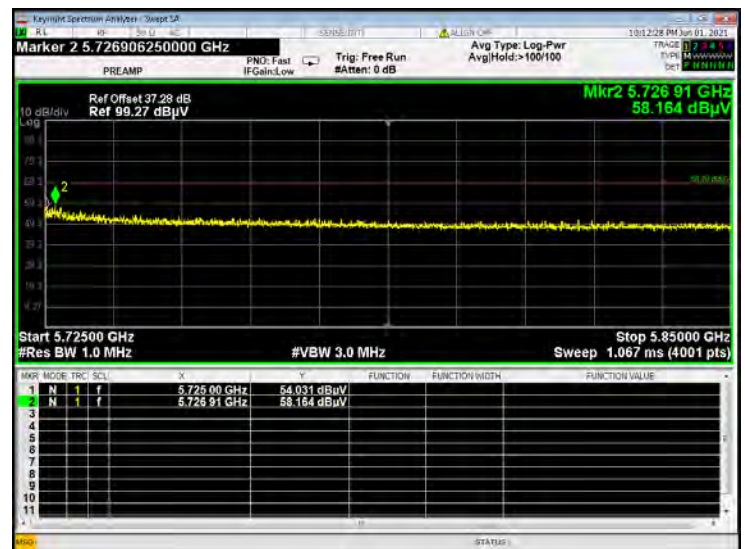
## U-NII-2C 11ac20 CH144 Peak



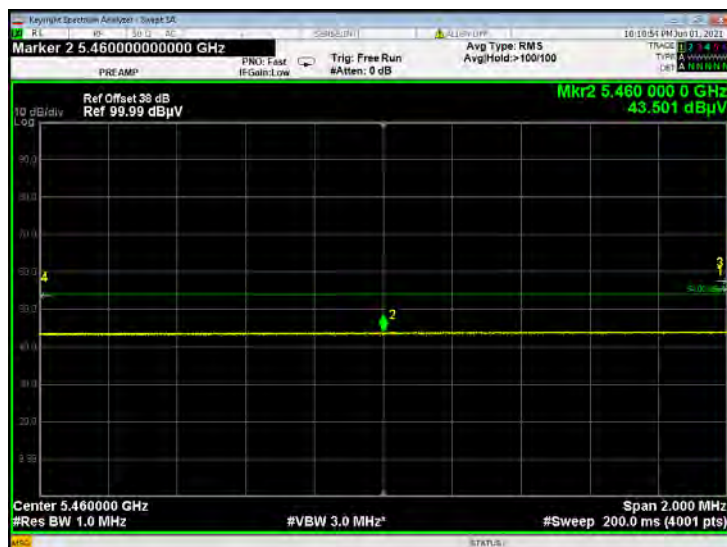
## U-NII-2C 11ac40 CH102 Peak



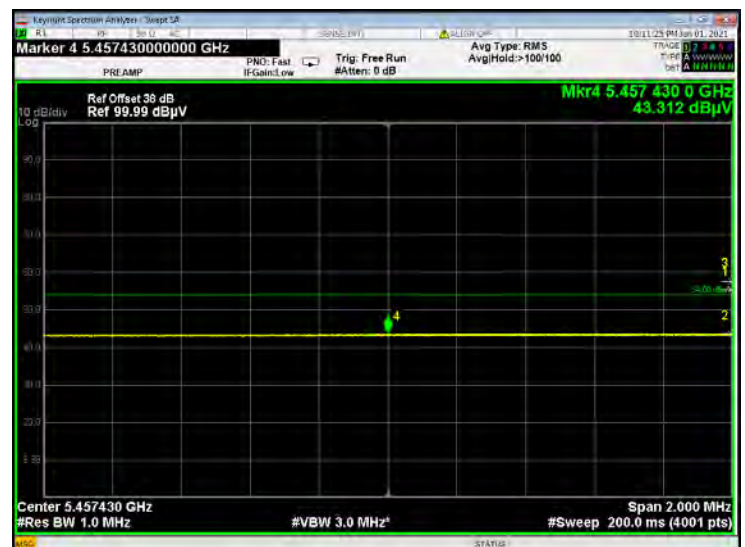
## U-NII-2C 11ac40 CH134 Peak



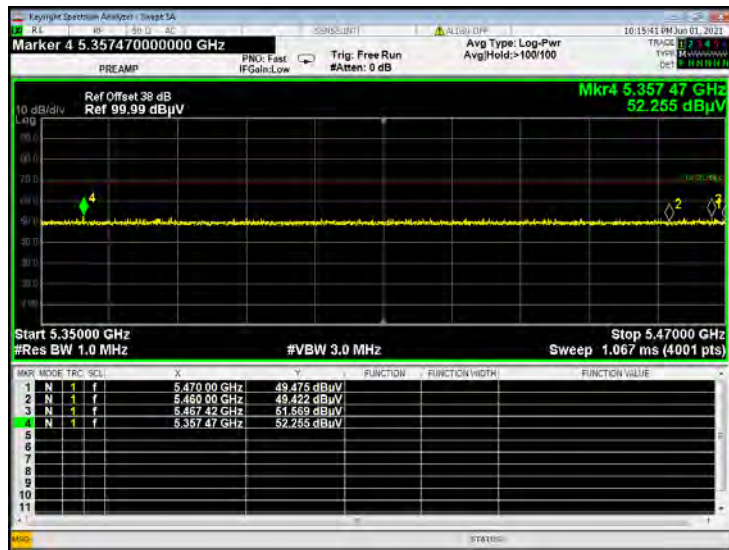
## U-NII-2C 11ac40 CH102 AV



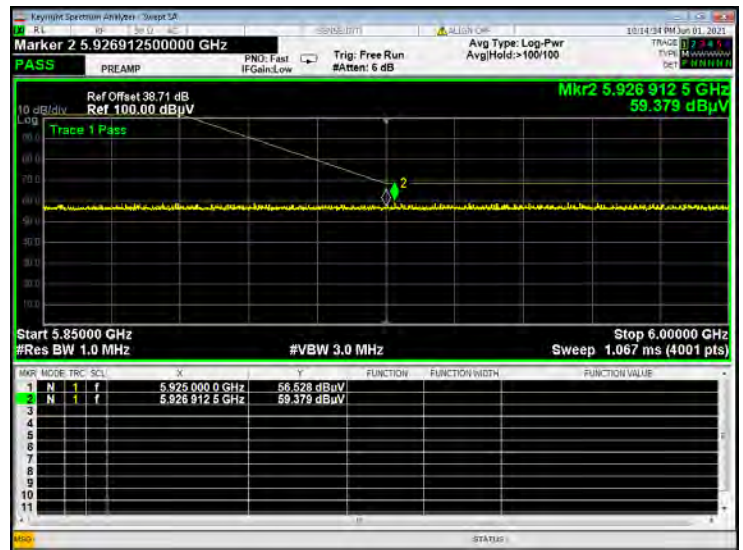
## U-NII-2C 11ac40 CH102 AV



## U-NII-2C 11ac40 CH142 Peak



## U-NII-2C 11ac40 CH142 Peak



## U-NII-2C 11ac80 CH106 Peak



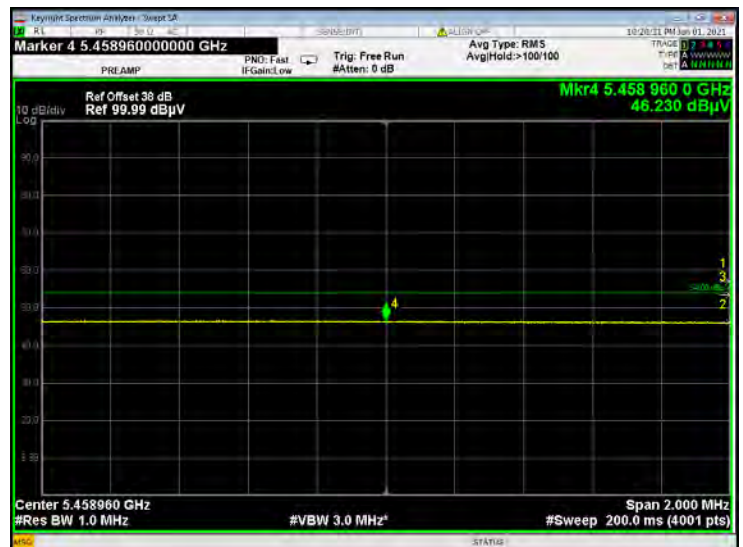
## U-NII-2C 11ac80 CH122 Peak



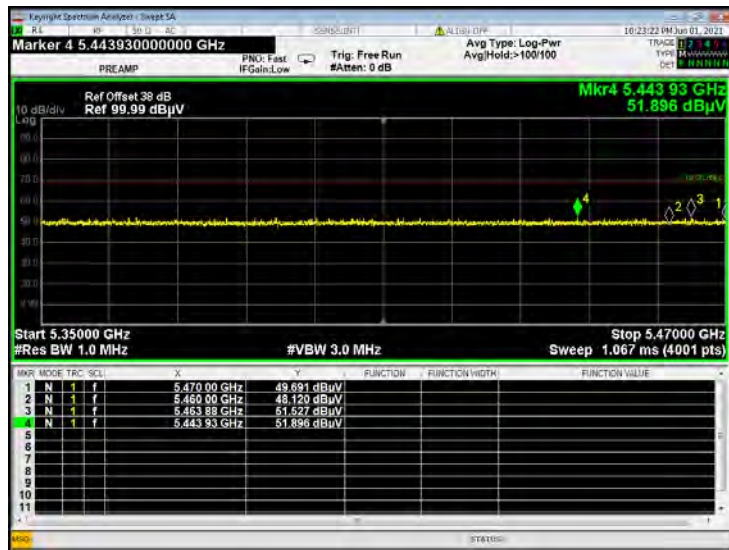
## U-NII-2C 11ac80 CH106 AV



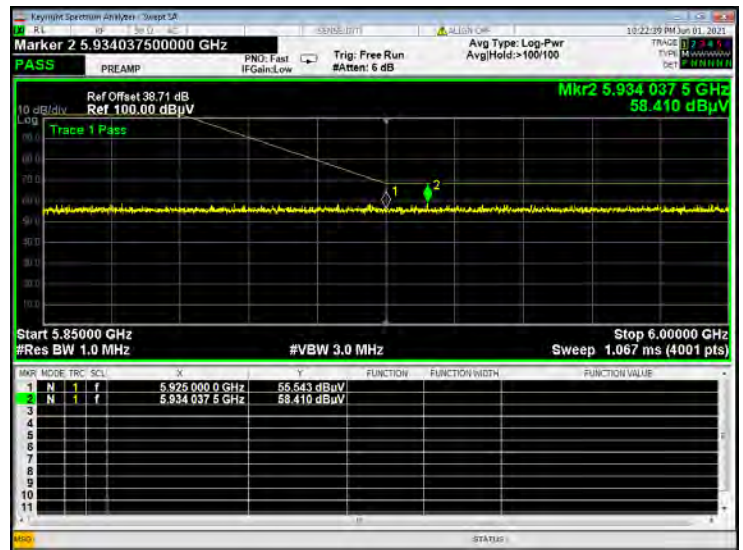
## U-NII-2C 11ac80 CH106 AV



## U-NII-2C 11ac80 CH138 Peak



## U-NII-2C 11ac80 CH138 Peak



## U-NII-3 11a CH149 Peak



## U-NII-3 11a CH165 Peak



## U-NII-3 11n20 CH149 Peak



## U-NII-3 11n20 CH165 Peak



## U-NII-3 11n40 CH151 Peak



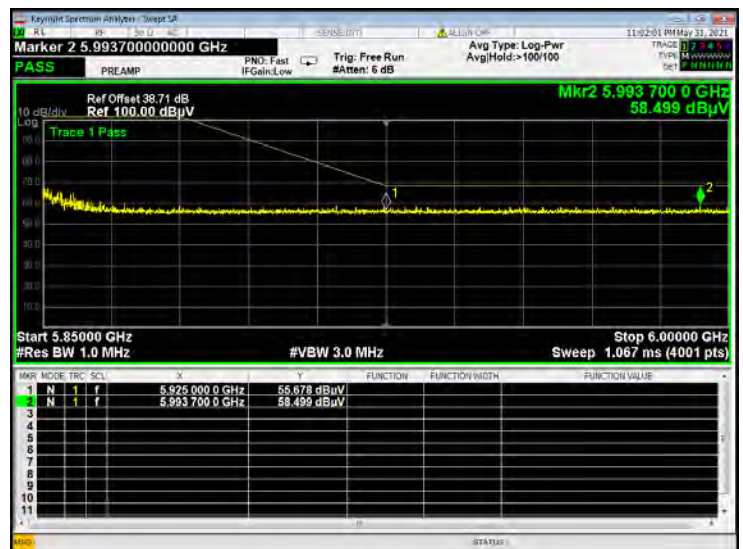
## U-NII-3 11n40 CH159 Peak



## U-NII-3 11ac20 CH149 Peak



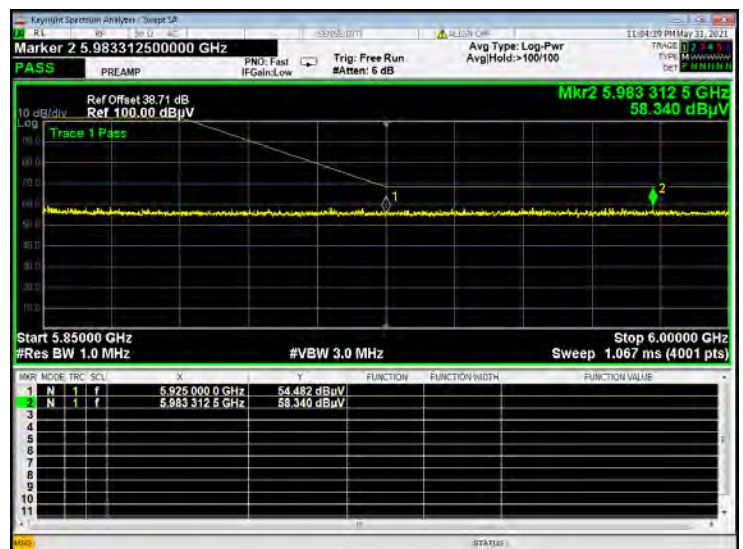
## U-NII-3 11ac20 CH165 Peak



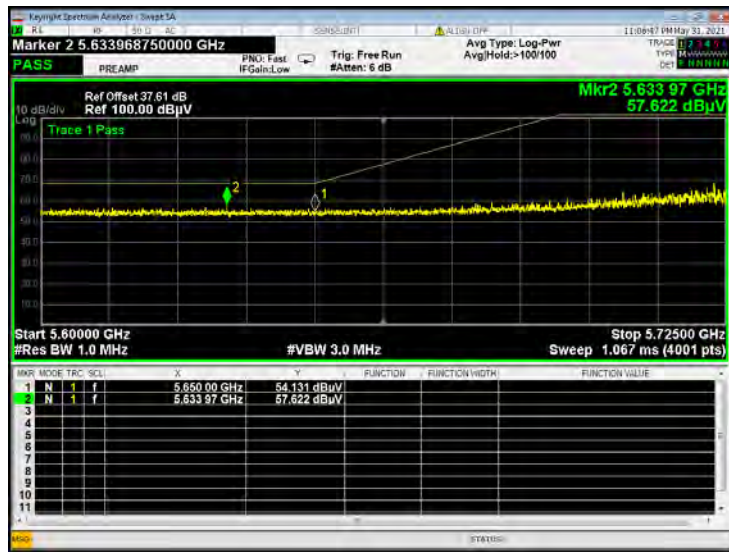
## U-NII-3 11ac40 CH151 Peak



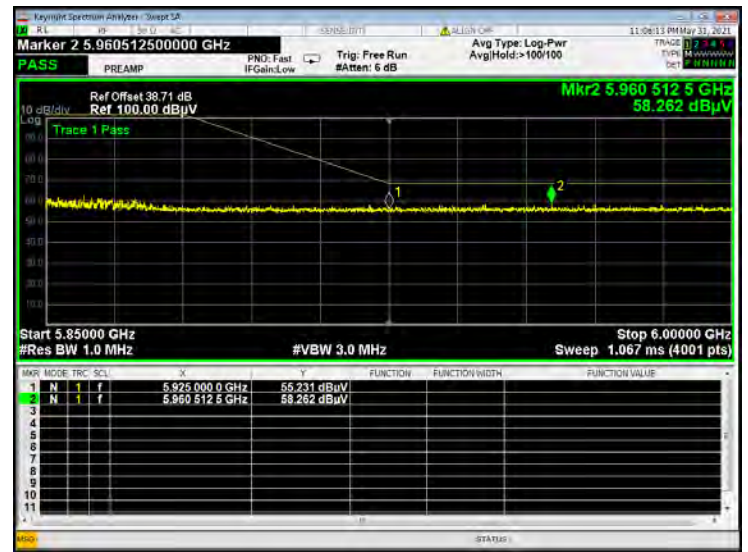
## U-NII-3 11ac40 CH159 Peak



## U-NII-3 11ac80 CH155 Peak



## U-NII-3 11ac80 CH155 Peak



## **ANNEX B TEST SETUP PHOTOS**

Please refer the document "BL-SZ2150617-AR.pdf".

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document "BL-SZ2150617-AW.PDF".

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document "BL-SZ2150617-AI.PDF".

--END OF REPORT--