

# TEST REPORT

**Applicant:** Xiaomi Communications Co., Ltd.  
**Address:** #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road,  
Haidian District, Beijing, China, 100085  
**Equipment Type:** Mobile Phone  
**Model Name:** 25098RA98G  
**Brand Name:** Redmi  
**FCC ID:** 2AFZZ98GWQ  
**Test Standard:** 47 CFR Part 15 Subpart E  
(refer to section 3.1)  
**Sample Arrival Date:** Jul. 17, 2025  
**Test Date:** Jul. 22, 2025 - Aug. 07, 2025  
**Date of Issue:** Aug. 22, 2025

**ISSUED BY:**

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(Technical Director)

He Yu Yang

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| <b>Revision History</b> |                      |                      |
|-------------------------|----------------------|----------------------|
| Version                 | Issue Date           | Revisions            |
| <u>Rev. 01</u>          | <u>Aug. 22, 2025</u> | <u>Initial Issue</u> |

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# 1 GENERAL INFORMATION

## 1.1 Test Laboratory

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

## 1.2 Test Location

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

## 2 PRODUCT INFORMATION

### 2.1 Applicant Information

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

### 2.2 Manufacturer Information

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

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

|                                           |                                                                       |
|-------------------------------------------|-----------------------------------------------------------------------|
| EUT Name                                  | Mobile Phone                                                          |
| Model Name Under Test                     | 25098RA98G                                                            |
| Series Model Name                         | N/A                                                                   |
| Description of Model name differentiation | N/A                                                                   |
| Hardware Version                          | 135300P17                                                             |
| Software Version                          | Xiaomi HyperOS 2.0                                                    |
| Dimensions (Approx.)                      | N/A                                                                   |
| Weight (Approx.)                          | N/A                                                                   |
| EUT ID                                    | SC-SZ2560532: S31, S33, S34                                           |
| IMEI Number                               | SC-SZ2560532-S31:<br>IMEI 1: 861950070041441; IMEI 2: 861950070041458 |
|                                           | SC-SZ2560532-S33:<br>IMEI 1: 861950070038744; IMEI 2: 861950070038751 |
|                                           | SC-SZ2560532-S34:<br>IMEI 1: 861950070023100; IMEI 2: 861950070023118 |

## 2.4 Technical Information

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network and Wireless connectivity | <p>2G Network GSM/GPRS/EDGE850/1900</p> <p>3G Network WCDMA/HSDPA/HSUPA Band 2/4/5</p> <p>4G Network FDD LTE Band 2/4/5/7/12/13/17/18/19/26/66<br/>TDD LTE Band38/41/42/48</p> <p>LTE CA Uplink (UL): CA_38C, CA_7C, CA_2A-4A, CA_2A-7A, CA_4A-5A, CA_4A-7A</p> <p>5G Network<br/>SA: NR n2/5/7/12/26/38/41/48/66/77/78<br/>NSA(EN-DC):<br/>DC_4A_n2A, DC_7A_n2A, DC_66A_n2A, DC_7A_n5A, DC_2A_n7A, DC_4A_n7A, DC_5A_n7A, DC_66A_n7A, DC_4A_n38A, DC_5A_n38A, DC_2A_n38A, DC_66A_n38A, DC_2A_n41A, DC_4A_n41A, DC_5A_n41A, DC_66A_n41A, DC_2A_n66A, DC_5A_n66A, DC_7A_n66A, DC_2A_n77A, DC_18A_n77A, DC_2A_n78A, DC_4A_n78A, DC_5A_n78A, DC_7A_n78A, DC_19A_n78A, DC_26A_n78A, DC_38A_n78A, DC_41A_n78A, DC_66A_n78A</p> <p>Bluetooth (BR+EDR+BLE)</p> <p>2.4G WIFI 802.11b, 802.11g, 802.11n(HT20)</p> <p>5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80)</p> <p>GPS, GLONASS, Galileo, BDS, NFC</p> |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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                          | 246QAM, 64QAM, 16QAM, BPSK, QPSK                                                                                                      |
| Transfer Rate (Mbps)<br>(Single RF path) | 802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps<br>802.11n: up to 150 Mbps<br>802.11ac: up to VHT-MCS9                                     |
| Channel Bandwidth                        | 802.11a: 20 MHz<br>802.11n: 20 MHz, 40 MHz<br>802.11ac: 20 MHz, 40 MHz, 80 MHz                                                        |
| Maximum Output Power                     | U-NII-1: 52.60 mW<br>U-NII-2A: 53.33 mW<br>U-NII-2C: 60.26 mW<br>U-NII-3: 59.98 mW                                                    |
| Antenna Type                             | PIFA Antenna                                                                                                                          |

|                   |                                                                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Antenna Gain      | U-NII-1: 5150 MHz to 5250 MHz: -1.6 dBi<br>U-NII-2A: 5250 MHz to 5350 MHz: -1.5 dBi<br>U-NII-2C: 5470 MHz to 5725 MHz: -1.2 dBi<br>U-NII-3: 5725 MHz to 5850 MHz: -1.4 dBi |
| About the Product | The equipment is Mobile Phone, intended for used with information technology equipment.                                                                                    |

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

## 2.5 Channel List

| 20 MHz         |                 | 40 MHz         |                 | 80 MHz         |                 |
|----------------|-----------------|----------------|-----------------|----------------|-----------------|
| Channel Number | Frequency (MHz) | Channel Number | Frequency (MHz) | Channel Number | Frequency (MHz) |
| <b>36</b>      | <b>5180</b>     | <b>38</b>      | <b>5190</b>     | <b>42</b>      | <b>5210</b>     |
| 40             | 5200            | <b>46</b>      | <b>5230</b>     | <b>58</b>      | <b>5290</b>     |
| <b>44</b>      | <b>5220</b>     | <b>54</b>      | <b>5270</b>     | <b>106</b>     | <b>5530</b>     |
| <b>48</b>      | <b>5240</b>     | <b>62</b>      | <b>5310</b>     | <b>122</b>     | <b>5610</b>     |
| <b>52</b>      | <b>5260</b>     | <b>102</b>     | <b>5510</b>     | <b>138</b>     | <b>5690</b>     |
| 56             | 5280            | 110            | 5550            | <b>155</b>     | <b>5775</b>     |
| <b>60</b>      | <b>5300</b>     | <b>118</b>     | <b>5590</b>     |                |                 |
| <b>64</b>      | <b>5320</b>     | <b>126</b>     | <b>5630</b>     |                |                 |
| <b>100</b>     | <b>5500</b>     | <b>134</b>     | <b>5670</b>     |                |                 |
| 104            | 5520            | <b>142</b>     | <b>5710</b>     |                |                 |
| 108            | 5540            | <b>151</b>     | <b>5755</b>     |                |                 |
| 112            | 5560            | <b>159</b>     | <b>5795</b>     |                |                 |
| <b>116</b>     | <b>5580</b>     |                |                 |                |                 |
| <b>120</b>     | <b>5600</b>     |                |                 |                |                 |
| <b>124</b>     | <b>5620</b>     |                |                 |                |                 |
| <b>128</b>     | <b>5640</b>     |                |                 |                |                 |
| <b>132</b>     | <b>5660</b>     |                |                 |                |                 |
| 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)/ax(HE20)/be(EHT20)

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

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

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

| Test Items                                  | Mode         | Data Rate | Modulation Type | U-NII-1  | U-NII-2A | U-NII-2C        | U-NII-3         |
|---------------------------------------------|--------------|-----------|-----------------|----------|----------|-----------------|-----------------|
|                                             |              |           |                 | Channel  | Channel  | Channel         | Channel         |
| RF Output Power                             | 11a          | 6         | BPSK            | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(20 MHz)  | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(40 MHz)  | 13.5      |                 | 46/38    | 62/54    | 142/134/118/102 | 159/151/142     |
|                                             | 11ac(20 MHz) | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11ac(40 MHz) | 13.5      |                 | 46/38    | 62/54    | 142/134/118/102 | 159/151/142     |
|                                             | 11ac(80 MHz) | 29.3      |                 | 42       | 58       | 138/122/106     | 155/138         |
| Emission Bandwidth & 99% Occupied Bandwidth | 11a          | 6         | BPSK            | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(20 MHz)  | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(40 MHz)  | 13.5      |                 | 46/38    | 62/54    | 142/134/118/102 | 159/151/142     |
|                                             | 11ac(20 MHz) | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11ac(40 MHz) | 13.5      |                 | 46/38    | 62/54    | 142/134/118/102 | 159/151/142     |
|                                             | 11ac(80 MHz) | 29.3      |                 | 42       | 58       | 138/122/106     | 155/138         |
| 6 dB bandwidth                              | 11a          | 6         | BPSK            | N/A      | N/A      | N/A             | 165/157/149/144 |
|                                             | 11n(20 MHz)  | 6.5       |                 | N/A      | N/A      | N/A             | 165/157/149/144 |
|                                             | 11n(40 MHz)  | 13.5      |                 | N/A      | N/A      | N/A             | 159/151/142     |
|                                             | 11ac(20 MHz) | 6.5       |                 | N/A      | N/A      | N/A             | 165/157/149/144 |
|                                             | 11ac(40 MHz) | 13.5      |                 | N/A      | N/A      | N/A             | 159/151/142     |
|                                             | 11ac(80 MHz) | 29.3      |                 | N/A      | N/A      | N/A             | 155/138         |
| Power Spectral Density                      | 11a          | 6         | BPSK            | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(20 MHz)  | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(40 MHz)  | 13.5      |                 | 46/38    | 62/54    | 142/134/118/102 | 159/151/142     |
|                                             | 11ac(20 MHz) | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11ac(40 MHz) | 13.5      |                 | 46/38    | 62/54    | 142/134/118/102 | 159/151/142     |
|                                             | 11ac(80 MHz) | 29.3      |                 | 42       | 58       | 138/122/106     | 155/138         |
| Radiated Spurious Emissions                 | 11a          | 6         | BPSK            | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(20 MHz)  | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11n(40 MHz)  | 13.5      |                 | 46/38    | 62/54    | 142/134/118/102 | 159/151/142     |
|                                             | 11ac(20 MHz) | 6.5       |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11ac(40 MHz) | 13.5      |                 | 46/38    | 62/54    | 142/134/118/102 | 159/151/142     |
|                                             | 11ac(80 MHz) | 29.3      |                 | 42       | 58       | 138/122/106     | 155/138         |
|                                             | 11ax(20 MHz) | 4         |                 | 48/44/36 | 64/60/52 | 144/140/116/100 | 165/157/149/144 |
|                                             | 11ax(40 MHz) | 8         |                 | 46/38    | 62/54    | 142/134/118/102 | 159/151/142     |
|                                             | 11ax(80 MHz) | 17        |                 | 42       | 58       | 138/122/106     | 155/138         |
| Band Edge (Restricted-band)                 | 11a          | 6         | BPSK            | 48/36    | 64/52    | 144/140/100     | 165/149/144     |
|                                             | 11n(20 MHz)  | 6.5       |                 | 48/36    | 64/52    | 144/140/100     | 165/149/144     |
|                                             | 11n(40 MHz)  | 13.5      |                 | 46/38    | 62/54    | 142/134/102     | 159/151/142     |
|                                             | 11ac(20 MHz) | 6.5       |                 | 48/36    | 64/52    | 144/140/100     | 165/149/144     |
|                                             | 11ac(40 MHz) | 13.5      |                 | 46/38    | 62/54    | 142/134/102     | 159/151/142     |
|                                             | 11ac(80 MHz) | 29.3      |                 | 42       | 58       | 138/122/106     | 155/138         |

### 3 SUMMARY OF TEST RESULTS

#### 3.1 Test Standards

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

#### 3.2 Test Verdict

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

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

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

## 4 GENERAL TEST CONFIGURATIONS

### 4.1 Test Environments

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

|                            |                         |                    |
|----------------------------|-------------------------|--------------------|
| Relative Humidity          | 45% to 67%              |                    |
| Atmospheric Pressure       | 100 kPa to 102 kPa      |                    |
| Temperature                | NT (Normal Temperature) | +21.2°C to +25.9°C |
| Working Voltage of the EUT | NV (Normal Voltage)     | 3.87 V             |

### 4.2 Test Equipment List

| Description         | Manufacturer               | Model             | Serial No.  | Cal. Date  | Cal. Due   |
|---------------------|----------------------------|-------------------|-------------|------------|------------|
| Spectrum Analyzer   | KEYSIGHT                   | N9020A            | MY46471071  | 2025.06.16 | 2026.06.15 |
| Power Sensor        | KEYSIGHT                   | U2063XA           | MY58000247  | 2025.06.16 | 2026.06.15 |
| Spectrum Analyzer   | KEYSIGHT                   | N9020A            | MY50531259  | 2025.06.16 | 2026.06.15 |
| Test Antenna-Horn   | SCHWARZBECK                | BBHA 9120D        | 02460       | 2024.05.16 | 2027.05.15 |
| Test Antenna-Horn   | A-INFO                     | LB-180400KF       | J211060273  | 2024.06.15 | 2027.06.14 |
| Anechoic Chamber    | RAINFORD                   | 9m*6m*6m          | 140         | 2024.07.28 | 2027.07.27 |
| Amplifier           | COM-MV                     | LSCX_LNA1-12G-01  | 7210214     | 2025.06.17 | 2026.06.16 |
| Amplifier           | COM-MV                     | XKu_LNA7-18G-01   | 7210209     | 2025.06.17 | 2026.06.16 |
| EMI Receiver        | ROHDE&SCHWARZ              | ESRP              | 101036      | 2025.06.16 | 2026.06.15 |
| Test Antenna-Bi-Log | SCHWARZBECK                | VULB 9168         | 9168-01162  | 2023.08.04 | 2026.08.03 |
| Test Antenna-Loop   | SCHWARZBECK                | FMZB 1519         | 1519-037    | 2024.01.23 | 2027.01.22 |
| Amplifier           | COM-MV                     | ZT30-1000M        | B2018054558 | 2024.11.28 | 2025.11.27 |
| Anechoic Chamber    | EMC Electronic Co., Ltd    | 20.10*11.60*7.35m | 130         | 2024.07.13 | 2027.07.12 |
| EMI Receiver        | KEYSIGHT                   | N9010B            | MY57110309  | 2025.06.16 | 2026.06.15 |
| LISN                | SCHWARZBECK                | NSLK 8127         | 8127-687    | 2025.04.29 | 2026.04.28 |
| Shielded Enclosure  | YiHeng Electronic Co., Ltd | 3.5m*3.1m*2.8m    | 112         | 2025.02.14 | 2028.02.13 |

### 4.3 Test Software List

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

### 4.4 Measurement Uncertainty

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

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

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

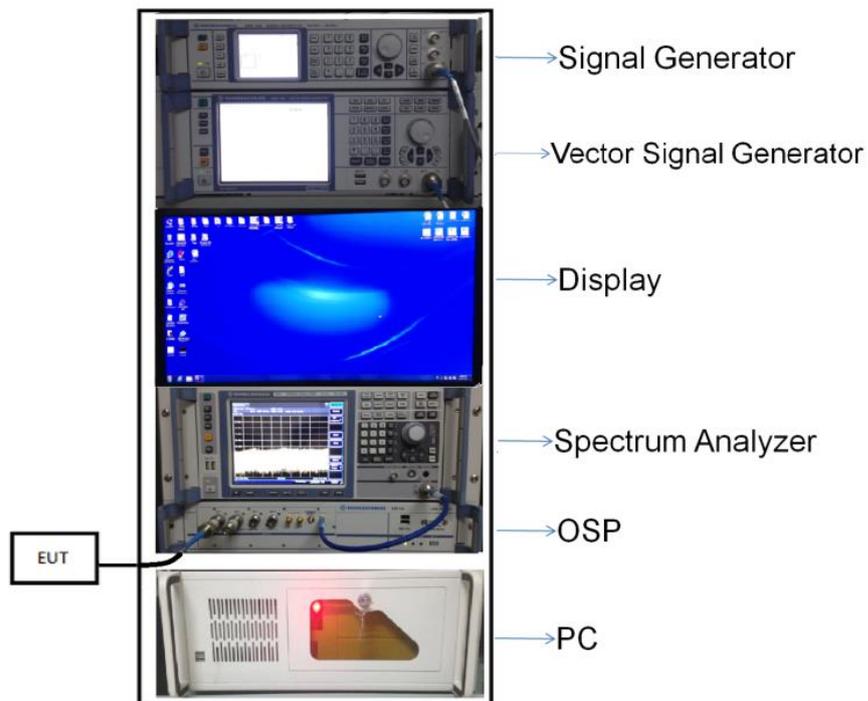
### 4.5 Description of Test Setup

#### 4.5.1 For Antenna Port Test

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

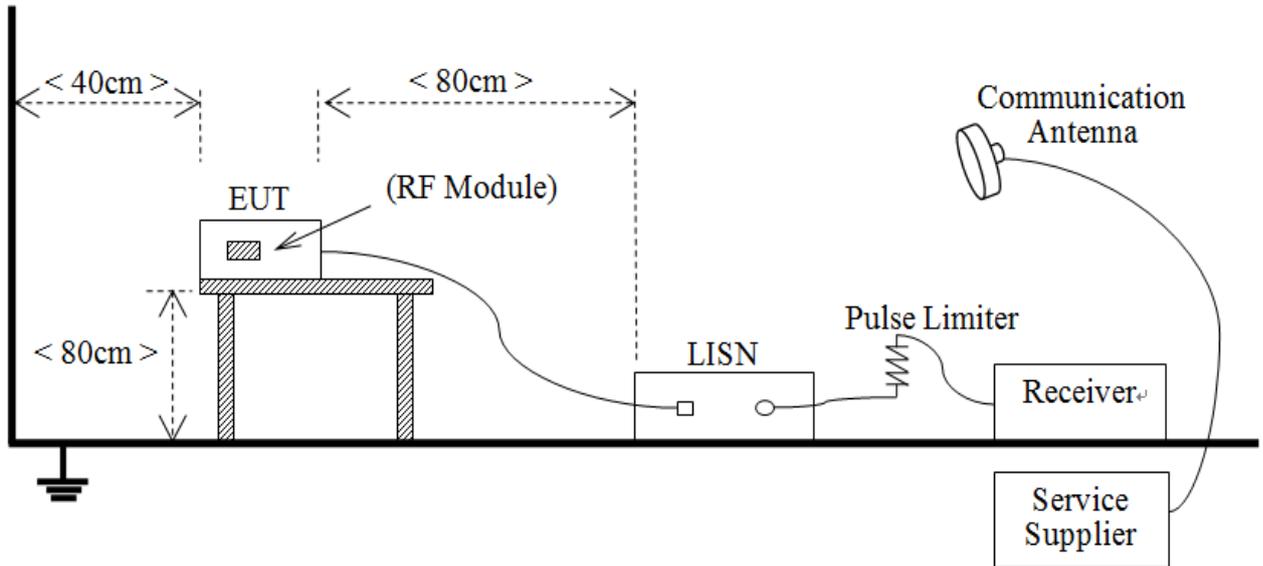
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



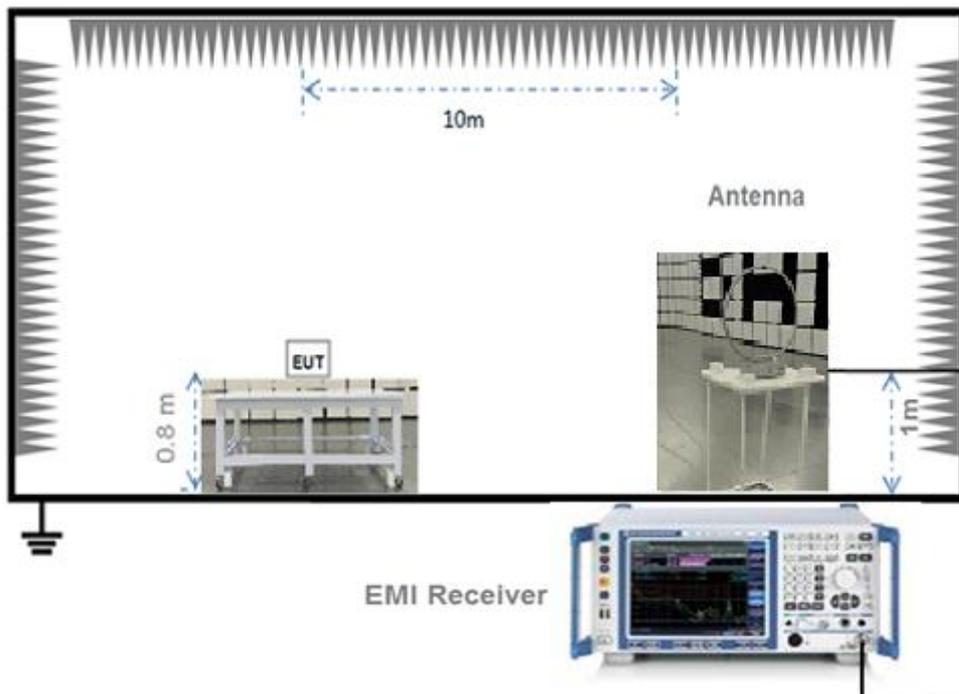
(Diagram 1)

### 4.5.2 For AC Power Supply Port Test



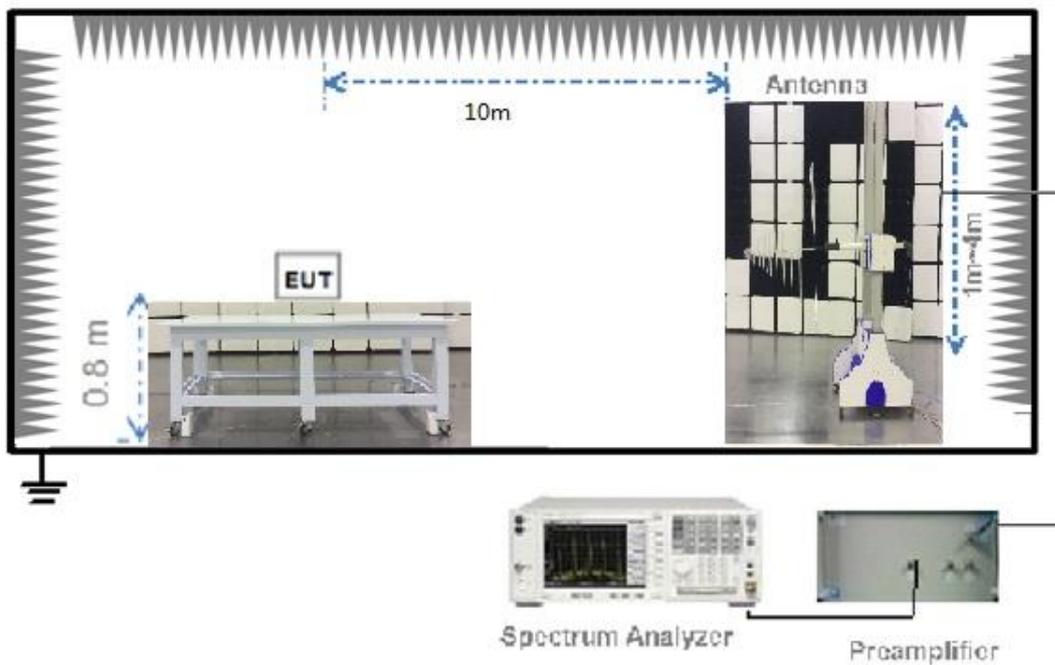
(Diagram 2)

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



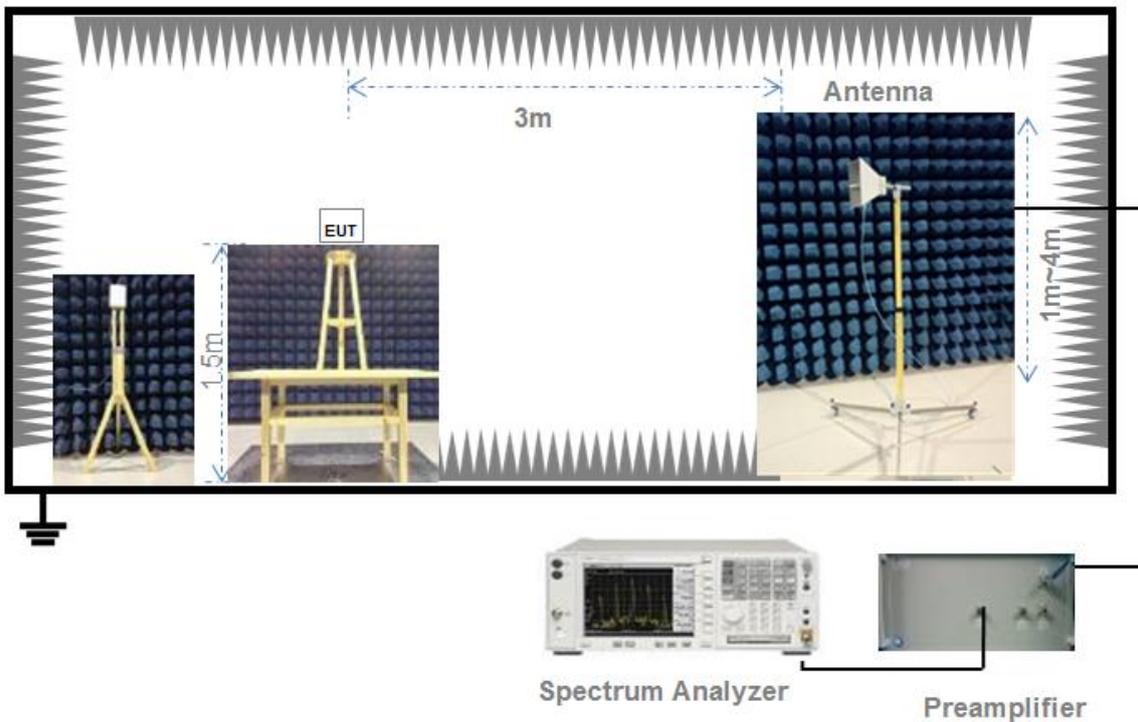
(Diagram 3)

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



(Diagram 4)

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



(Diagram 5)

## 5 TEST ITEMS

### 5.1 RF Output Power

#### 5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

RSS-247, 6.2

The maximum conducted output power shall not exceed:

| Frequency Band (MHz)                                   | Limit                                          |
|--------------------------------------------------------|------------------------------------------------|
| 5150-5250                                              | N/A                                            |
| 5250-5350                                              | 250 mW or 11 dBm + 10log B, whichever is less. |
| 5470-5725                                              | 250 mW or 11 dBm + 10log B, whichever is less. |
| 5725-5850                                              | 1 W                                            |
| Note: Where "B" is the 99% emissions bandwidth in MHz. |                                                |

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

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

#### 5.1.2 Test Setup

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

#### 5.1.3 Test Procedure

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

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

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

at least a factor of five.

- b) If the transmitter does not transmit continuously, measure the duty cycle (x) of the transmitter output signal.
- c) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
- d) Adjust the measurement in dBm by adding  $10 \log (1/x)$  where x is the duty cycle.

#### Measurements of duty cycle

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

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

Set  $RBW \geq OBW$  if possible; otherwise, set RBW to the largest available value.

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

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

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

#### 5.1.4 Test Result

Please refer to ANNEX A.1.

## 5.2 Emission Bandwidth and 6 dB Bandwidth

### 5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

### 5.2.2 Test Setup

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

### 5.2.3 Test Procedure

#### Emission bandwidth

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

#### Occupied Bandwidth

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

#### 6 dB bandwidth

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

### 5.2.4 Test Result

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

## 5.3 Power Spectral density (PSD)

### 5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

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

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

### 5.3.2 Test Setup

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

### 5.3.3 Test Procedure

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

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

### 5.3.4 Test Result

Please refer to ANNEX A.4.

## 5.4 Conducted Emission

### 5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

### 5.4.2 Test Setup

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

### 5.4.3 Test Procedure

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

### 5.4.4 Test Result

Please refer to ANNEX A.5.

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

### 5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

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

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

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

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

## 5.5.2 Test Setup

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

## 5.5.3 Test Procedure

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

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

### General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

### Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

#### Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

#### Determining the applicable transmit antenna gain

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

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

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

#### Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

#### 5.5.4 Test Result

Please refer to ANNEX A.6.

## ANNEX A TEST RESULT

### A.1 RF Output Power

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

#### Duty Cycle

| Test Mode             | On Time (ms) | On+Off time (ms) | Duty Cycle | Duty Factor |
|-----------------------|--------------|------------------|------------|-------------|
| 11a                   | 2.20         | 2.24             | 98.04%     | 0.09        |
| 11n(HT20)/11ac(VHT20) | 2.06         | 2.09             | 98.80%     | 0.05        |
| 11n(HT40)/11ac(VHT40) | 0.97         | 1.05             | 92.74%     | 0.33        |
| 11ac(VHT80)           | 0.49         | 0.52             | 92.70%     | 0.33        |

Test DataConducted Power

| U-NII-1 (5150 - 5250 MHz) |         |                       |                      |                |         |
|---------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                      | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                       | CH36    | 17.15                 | 51.88                | 250            | Pass    |
| 11a                       | CH44    | 17.14                 | 51.76                | 250            | Pass    |
| 11a                       | CH48    | 17.21                 | 52.60                | 250            | Pass    |
| 11n(HT20)                 | CH36    | 16.19                 | 41.59                | 250            | Pass    |
| 11n(HT20)                 | CH44    | 16.14                 | 41.11                | 250            | Pass    |
| 11n(HT20)                 | CH48    | 16.15                 | 41.21                | 250            | Pass    |
| 11n(HT40)                 | CH38    | 14.65                 | 29.17                | 250            | Pass    |
| 11n(HT40)                 | CH46    | 15.36                 | 34.36                | 250            | Pass    |
| 11ac(VHT20)               | CH36    | 16.21                 | 41.78                | 250            | Pass    |
| 11ac(VHT20)               | CH44    | 16.11                 | 40.83                | 250            | Pass    |
| 11ac(VHT20)               | CH48    | 16.17                 | 41.40                | 250            | Pass    |
| 11ac(VHT40)               | CH38    | 14.85                 | 30.55                | 250            | Pass    |
| 11ac(VHT40)               | CH46    | 15.69                 | 37.07                | 250            | Pass    |
| 11ac(VHT80)               | CH42    | 14.52                 | 28.31                | 250            | Pass    |

| U-NII-2A (5250 - 5350 MHz) |         |                       |                      |                |         |
|----------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                       | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                        | CH52    | 17.27                 | 53.33                | 250            | Pass    |
| 11a                        | CH60    | 16.84                 | 48.31                | 250            | Pass    |
| 11a                        | CH64    | 16.67                 | 46.45                | 250            | Pass    |
| 11n(HT20)                  | CH52    | 16.08                 | 40.55                | 250            | Pass    |
| 11n(HT20)                  | CH60    | 15.80                 | 38.02                | 250            | Pass    |
| 11n(HT20)                  | CH64    | 15.55                 | 35.89                | 250            | Pass    |
| 11n(HT40)                  | CH54    | 15.59                 | 36.22                | 250            | Pass    |
| 11n(HT40)                  | CH62    | 13.68                 | 23.33                | 250            | Pass    |
| 11ac(VHT20)                | CH52    | 16.07                 | 40.46                | 250            | Pass    |
| 11ac(VHT20)                | CH60    | 15.79                 | 37.93                | 250            | Pass    |
| 11ac(VHT20)                | CH64    | 15.55                 | 35.89                | 250            | Pass    |
| 11ac(VHT40)                | CH54    | 15.52                 | 35.65                | 250            | Pass    |
| 11ac(VHT40)                | CH62    | 13.68                 | 23.33                | 250            | Pass    |
| 11ac(VHT80)                | CH58    | 14.23                 | 26.49                | 250            | Pass    |

| U-NII-2C (5470 - 5725 MHz) |         |                       |                      |                |         |
|----------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                       | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                        | CH100   | 17.26                 | 53.21                | 250            | Pass    |
| 11a                        | CH116   | 17.37                 | 54.58                | 250            | Pass    |
| 11a                        | CH140   | 17.80                 | 60.26                | 250            | Pass    |
| 11n(HT20)                  | CH100   | 15.95                 | 39.36                | 250            | Pass    |
| 11n(HT20)                  | CH116   | 16.20                 | 41.69                | 250            | Pass    |
| 11n(HT20)                  | CH140   | 16.80                 | 47.86                | 250            | Pass    |
| 11n(HT40)                  | CH102   | 15.75                 | 37.58                | 250            | Pass    |
| 11n(HT40)                  | CH118   | 15.98                 | 39.63                | 250            | Pass    |
| 11n(HT40)                  | CH134   | 16.12                 | 40.93                | 250            | Pass    |
| 11ac(VHT20)                | CH100   | 15.96                 | 39.45                | 250            | Pass    |
| 11ac(VHT20)                | CH116   | 16.12                 | 40.93                | 250            | Pass    |
| 11ac(VHT20)                | CH140   | 16.86                 | 48.53                | 250            | Pass    |
| 11ac(VHT40)                | CH102   | 15.74                 | 37.50                | 250            | Pass    |
| 11ac(VHT40)                | CH118   | 15.94                 | 39.26                | 250            | Pass    |
| 11ac(VHT40)                | CH134   | 16.10                 | 40.74                | 250            | Pass    |
| 11ac(VHT80)                | CH106   | 14.62                 | 28.97                | 250            | Pass    |
| 11ac(VHT80)                | CH122   | 14.71                 | 29.58                | 250            | Pass    |

| U-NII-3 (5725 - 5850 MHz) |         |                       |                      |                |         |
|---------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                      | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                       | CH149   | 17.78                 | 59.98                | 1000           | Pass    |
| 11a                       | CH157   | 17.63                 | 57.94                | 1000           | Pass    |
| 11a                       | CH165   | 17.45                 | 55.59                | 1000           | Pass    |
| 11n(HT20)                 | CH149   | 16.61                 | 45.81                | 1000           | Pass    |
| 11n(HT20)                 | CH157   | 16.62                 | 45.92                | 1000           | Pass    |
| 11n(HT20)                 | CH165   | 16.45                 | 44.16                | 1000           | Pass    |
| 11n(HT40)                 | CH151   | 16.07                 | 40.46                | 1000           | Pass    |
| 11n(HT40)                 | CH159   | 16.21                 | 41.78                | 1000           | Pass    |
| 11ac(VHT20)               | CH149   | 15.74                 | 37.50                | 1000           | Pass    |
| 11ac(VHT20)               | CH157   | 16.55                 | 45.19                | 1000           | Pass    |
| 11ac(VHT20)               | CH165   | 16.30                 | 42.66                | 1000           | Pass    |
| 11ac(VHT40)               | CH151   | 16.17                 | 41.40                | 1000           | Pass    |
| 11ac(VHT40)               | CH159   | 16.07                 | 40.46                | 1000           | Pass    |
| 11ac(VHT80)               | CH155   | 15.09                 | 32.28                | 1000           | Pass    |

| U-NII-2C straddle channel (5470 - 5725 MHz) |         |                       |                      |                |         |
|---------------------------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                                        | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                                         | CH144   | 16.66                 | 46.34                | 208            | Pass    |
| 11n(HT20)                                   | CH144   | 15.33                 | 34.12                | 214            | Pass    |
| 11n(HT40)                                   | CH142   | 15.54                 | 35.81                | 250            | Pass    |
| 11ac(VHT20)                                 | CH144   | 15.32                 | 34.04                | 213            | Pass    |
| 11ac(VHT40)                                 | CH142   | 15.50                 | 35.48                | 250            | Pass    |
| 11ac(VHT80)                                 | CH138   | 14.39                 | 27.48                | 250            | Pass    |

| U-NII-3 straddle channel (5725 - 5850 MHz) |         |                       |                      |                |         |
|--------------------------------------------|---------|-----------------------|----------------------|----------------|---------|
| Mode                                       | Channel | Conducted Power (dBm) | Conducted Power (mW) | FCC Limit (mW) | Verdict |
| 11a                                        | CH144   | 14.43                 | 27.73                | 1000           | Pass    |
| 11n(HT20)                                  | CH144   | 13.73                 | 23.60                | 1000           | Pass    |
| 11n(HT40)                                  | CH142   | 9.09                  | 8.11                 | 1000           | Pass    |
| 11ac(VHT20)                                | CH144   | 13.79                 | 23.93                | 1000           | Pass    |
| 11ac(VHT40)                                | CH142   | 9.06                  | 8.05                 | 1000           | Pass    |
| 11ac(VHT80)                                | CH138   | 4.93                  | 3.11                 | 1000           | Pass    |

## A.2 Emission Bandwidth & 99% Bandwidth

Note 1: Test plots please refer to the document "Annex No.: BL-SZ2570858-604 Data Part 1.pdf".

### Test Data

| U-NII-1 (5150 - 5250 MHz) |         |                       |                     |
|---------------------------|---------|-----------------------|---------------------|
| Mode                      | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                       | CH36    | 20.58                 | 16.55               |
| 11a                       | CH44    | 20.58                 | 16.58               |
| 11a                       | CH48    | 20.71                 | 16.75               |
| 11n(HT20)                 | CH36    | 21.04                 | 17.68               |
| 11n(HT20)                 | CH44    | 21.10                 | 17.69               |
| 11n(HT20)                 | CH48    | 20.99                 | 17.69               |
| 11n(HT40)                 | CH38    | 41.11                 | 36.22               |
| 11n(HT40)                 | CH46    | 41.42                 | 36.26               |
| 11ac(VHT20)               | CH36    | 20.97                 | 17.69               |
| 11ac(VHT20)               | CH44    | 20.91                 | 17.67               |
| 11ac(VHT20)               | CH48    | 20.97                 | 17.68               |
| 11ac(VHT40)               | CH38    | 41.47                 | 36.20               |
| 11ac(VHT40)               | CH46    | 41.06                 | 36.26               |
| 11ac(VHT80)               | CH42    | 84.44                 | 75.80               |

| U-NII-2A (5250 - 5350 MHz) |         |                       |                     |
|----------------------------|---------|-----------------------|---------------------|
| Mode                       | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                        | CH52    | 20.77                 | 16.57               |
| 11a                        | CH60    | 20.59                 | 16.56               |
| 11a                        | CH64    | 20.91                 | 16.57               |
| 11n(HT20)                  | CH52    | 20.87                 | 17.71               |
| 11n(HT20)                  | CH60    | 20.97                 | 17.68               |
| 11n(HT20)                  | CH64    | 20.93                 | 17.67               |
| 11n(HT40)                  | CH54    | 41.73                 | 36.21               |
| 11n(HT40)                  | CH62    | 41.19                 | 36.22               |
| 11ac(VHT20)                | CH52    | 20.98                 | 17.70               |
| 11ac(VHT20)                | CH60    | 20.90                 | 17.69               |
| 11ac(VHT20)                | CH64    | 20.90                 | 17.69               |
| 11ac(VHT40)                | CH54    | 41.78                 | 36.22               |
| 11ac(VHT40)                | CH62    | 41.55                 | 36.22               |
| 11ac(VHT80)                | CH58    | 83.79                 | 75.97               |

| U-NII-2C (5470 - 5725 MHz) |         |                       |                     |
|----------------------------|---------|-----------------------|---------------------|
| Mode                       | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                        | CH100   | 20.69                 | 16.58               |
| 11a                        | CH116   | 20.61                 | 16.57               |
| 11a                        | CH140   | 20.96                 | 16.56               |
| 11n(HT20)                  | CH100   | 21.03                 | 17.68               |
| 11n(HT20)                  | CH116   | 21.01                 | 17.69               |
| 11n(HT20)                  | CH140   | 20.90                 | 17.67               |
| 11n(HT40)                  | CH102   | 41.10                 | 36.22               |
| 11n(HT40)                  | CH118   | 41.26                 | 36.24               |
| 11n(HT40)                  | CH134   | 41.14                 | 36.21               |
| 11ac(VHT20)                | CH100   | 20.92                 | 17.67               |
| 11ac(VHT20)                | CH116   | 20.89                 | 17.68               |
| 11ac(VHT20)                | CH140   | 20.98                 | 17.71               |
| 11ac(VHT40)                | CH102   | 41.14                 | 36.24               |
| 11ac(VHT40)                | CH118   | 41.43                 | 36.24               |
| 11ac(VHT40)                | CH134   | 40.94                 | 36.23               |
| 11ac(VHT80)                | CH106   | 84.59                 | 75.84               |
| 11ac(VHT80)                | CH122   | 84.68                 | 75.83               |

| U-NII-3 (5725 - 5850 MHz) |         |                       |                     |
|---------------------------|---------|-----------------------|---------------------|
| Mode                      | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                       | CH149   | 20.68                 | 16.57               |
| 11a                       | CH157   | 20.78                 | 16.57               |
| 11a                       | CH165   | 20.91                 | 16.56               |
| 11n(HT20)                 | CH149   | 20.93                 | 17.71               |
| 11n(HT20)                 | CH157   | 20.99                 | 17.69               |
| 11n(HT20)                 | CH165   | 20.88                 | 17.70               |
| 11n(HT40)                 | CH151   | 41.24                 | 36.24               |
| 11n(HT40)                 | CH159   | 41.65                 | 36.25               |
| 11ac(VHT20)               | CH149   | 20.97                 | 17.69               |
| 11ac(VHT20)               | CH157   | 20.90                 | 17.69               |
| 11ac(VHT20)               | CH165   | 21.03                 | 17.69               |
| 11ac(VHT40)               | CH151   | 41.44                 | 36.23               |
| 11ac(VHT40)               | CH159   | 41.09                 | 36.22               |
| 11ac(VHT80)               | CH155   | 84.63                 | 75.78               |

| U-NII-2C straddle channel |         |                       |                     |
|---------------------------|---------|-----------------------|---------------------|
| Mode                      | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                       | CH144   | 16.50                 | 13.33               |
| 11n(HT20)                 | CH144   | 16.98                 | 13.91               |
| 11n(HT40)                 | CH142   | 35.70                 | 33.13               |
| 11ac(VHT20)               | CH144   | 16.94                 | 13.91               |
| 11ac(VHT40)               | CH142   | 35.82                 | 33.16               |
| 11ac(VHT80)               | CH138   | 76.93                 | 72.91               |

| U-NII-3 straddle channel |         |                       |                     |
|--------------------------|---------|-----------------------|---------------------|
| Mode                     | Channel | 26 dB Bandwidth (MHz) | 99% Bandwidth (MHz) |
| 11a                      | CH144   | 6.18                  | 3.29                |
| 11n(HT20)                | CH144   | 6.69                  | 3.88                |
| 11n(HT40)                | CH142   | 5.64                  | 3.08                |
| 11ac(VHT20)              | CH144   | 7.32                  | 3.87                |
| 11ac(VHT40)              | CH142   | 5.87                  | 3.09                |
| 11ac(VHT80)              | CH138   | 7.06                  | 2.91                |

### A.3 6 dB Bandwidth

Note 1: Test plots please refer to the document "Annex No.: BL-SZ2570858-604 Data Part 2.pdf".

#### Test Data

| U-NII-3 (5725 - 5850 MHz) |         |                      |             |         |
|---------------------------|---------|----------------------|-------------|---------|
| Mode                      | Channel | 6 dB Bandwidth (MHz) | Limit (kHz) | Verdict |
| 11a                       | CH149   | 16.00                | 500.00      | Pass    |
| 11a                       | CH157   | 16.10                | 500.00      | Pass    |
| 11a                       | CH165   | 15.60                | 500.00      | Pass    |
| 11n(HT20)                 | CH149   | 15.20                | 500.00      | Pass    |
| 11n(HT20)                 | CH157   | 17.40                | 500.00      | Pass    |
| 11n(HT20)                 | CH165   | 14.00                | 500.00      | Pass    |
| 11n(HT40)                 | CH151   | 35.40                | 500.00      | Pass    |
| 11n(HT40)                 | CH159   | 36.50                | 500.00      | Pass    |
| 11ac(VHT20)               | CH149   | 14.90                | 500.00      | Pass    |
| 11ac(VHT20)               | CH157   | 17.30                | 500.00      | Pass    |
| 11ac(VHT20)               | CH165   | 17.00                | 500.00      | Pass    |
| 11ac(VHT40)               | CH151   | 35.70                | 500.00      | Pass    |
| 11ac(VHT40)               | CH159   | 35.50                | 500.00      | Pass    |
| 11ac(VHT80)               | CH155   | 75.20                | 500.00      | Pass    |

| U-NII-2C straddle channel |         |                      |             |         |
|---------------------------|---------|----------------------|-------------|---------|
| Mode                      | Channel | 6 dB Bandwidth (MHz) | Limit (kHz) | Verdict |
| 11a                       | CH144   | 2.55                 | 500.00      | Pass    |
| 11n(HT20)                 | CH144   | 2.95                 | 500.00      | Pass    |
| 11n(HT40)                 | CH142   | 2.80                 | 500.00      | Pass    |
| 11ac(VHT20)               | CH144   | 2.60                 | 500.00      | Pass    |
| 11ac(VHT40)               | CH142   | 2.60                 | 500.00      | Pass    |
| 11ac(VHT80)               | CH138   | 2.60                 | 500.00      | Pass    |

## A.4 Power Spectral Density

Note <sup>1</sup>: Test plots please refer to the document "Annex No.: BL-SZ2570858-604 Data Part 3.pdf".

| U-NII-1 (5150 - 5250 MHz) |         |               |                     |         |
|---------------------------|---------|---------------|---------------------|---------|
| Mode                      | Channel | PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Verdict |
| 11a                       | CH36    | 5.52          | 11.00               | Pass    |
| 11a                       | CH44    | 5.39          | 11.00               | Pass    |
| 11a                       | CH48    | 5.29          | 11.00               | Pass    |
| 11n(HT20)                 | CH36    | 4.31          | 11.00               | Pass    |
| 11n(HT20)                 | CH44    | 4.09          | 11.00               | Pass    |
| 11n(HT20)                 | CH48    | 3.93          | 11.00               | Pass    |
| 11n(HT40)                 | CH38    | -0.46         | 11.00               | Pass    |
| 11n(HT40)                 | CH46    | 0.27          | 11.00               | Pass    |
| 11ac(VHT20)               | CH36    | 4.25          | 11.00               | Pass    |
| 11ac(VHT20)               | CH44    | 4.10          | 11.00               | Pass    |
| 11ac(VHT20)               | CH48    | 3.97          | 11.00               | Pass    |
| 11ac(VHT40)               | CH38    | -0.42         | 11.00               | Pass    |
| 11ac(VHT40)               | CH46    | 0.20          | 11.00               | Pass    |
| 11ac(VHT80)               | CH42    | -4.05         | 11.00               | Pass    |

| U-NII-2A (5250 - 5350 MHz) |         |               |                     |         |
|----------------------------|---------|---------------|---------------------|---------|
| Mode                       | Channel | PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Verdict |
| 11a                        | CH52    | 5.09          | 11.00               | Pass    |
| 11a                        | CH60    | 4.79          | 11.00               | Pass    |
| 11a                        | CH64    | 4.62          | 11.00               | Pass    |
| 11n(HT20)                  | CH52    | 3.82          | 11.00               | Pass    |
| 11n(HT20)                  | CH60    | 3.47          | 11.00               | Pass    |
| 11n(HT20)                  | CH64    | 3.32          | 11.00               | Pass    |
| 11n(HT40)                  | CH54    | -0.12         | 11.00               | Pass    |
| 11n(HT40)                  | CH62    | -0.42         | 11.00               | Pass    |
| 11ac(VHT20)                | CH52    | 3.78          | 11.00               | Pass    |
| 11ac(VHT20)                | CH60    | 3.49          | 11.00               | Pass    |
| 11ac(VHT20)                | CH64    | 3.38          | 11.00               | Pass    |
| 11ac(VHT40)                | CH54    | -0.17         | 11.00               | Pass    |
| 11ac(VHT40)                | CH62    | -0.40         | 11.00               | Pass    |
| 11ac(VHT80)                | CH58    | -4.73         | 11.00               | Pass    |

| U-NII-2C (5470 - 5725 MHz) |         |               |                     |         |
|----------------------------|---------|---------------|---------------------|---------|
| Mode                       | Channel | PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Verdict |
| 11a                        | CH100   | 5.77          | 11.00               | Pass    |
| 11a                        | CH116   | 5.89          | 11.00               | Pass    |
| 11a                        | CH140   | 6.57          | 11.00               | Pass    |
| 11n(HT20)                  | CH100   | 4.27          | 11.00               | Pass    |
| 11n(HT20)                  | CH116   | 4.50          | 11.00               | Pass    |
| 11n(HT20)                  | CH140   | 5.32          | 11.00               | Pass    |
| 11n(HT40)                  | CH102   | 0.79          | 11.00               | Pass    |
| 11n(HT40)                  | CH118   | 0.82          | 11.00               | Pass    |
| 11n(HT40)                  | CH134   | 1.12          | 11.00               | Pass    |
| 11ac(VHT20)                | CH100   | 4.32          | 11.00               | Pass    |
| 11ac(VHT20)                | CH116   | 4.46          | 11.00               | Pass    |
| 11ac(VHT20)                | CH140   | 5.25          | 11.00               | Pass    |
| 11ac(VHT40)                | CH102   | 0.73          | 11.00               | Pass    |
| 11ac(VHT40)                | CH118   | 0.82          | 11.00               | Pass    |
| 11ac(VHT40)                | CH134   | 1.15          | 11.00               | Pass    |
| 11ac(VHT80)                | CH106   | -3.55         | 11.00               | Pass    |
| 11ac(VHT80)                | CH122   | -3.65         | 11.00               | Pass    |

| U-NII-3 (5725 - 5850 MHz) |         |                  |                        |         |
|---------------------------|---------|------------------|------------------------|---------|
| Mode                      | Channel | PSD (dBm/500kHz) | FCC Limit (dBm/500kHz) | Verdict |
| 11a                       | CH149   | 3.30             | 30.00                  | Pass    |
| 11a                       | CH157   | 2.94             | 30.00                  | Pass    |
| 11a                       | CH165   | 2.73             | 30.00                  | Pass    |
| 11n(HT20)                 | CH149   | 1.89             | 30.00                  | Pass    |
| 11n(HT20)                 | CH157   | 1.67             | 30.00                  | Pass    |
| 11n(HT20)                 | CH165   | 1.49             | 30.00                  | Pass    |
| 11n(HT40)                 | CH151   | -1.98            | 30.00                  | Pass    |
| 11n(HT40)                 | CH159   | -2.20            | 30.00                  | Pass    |
| 11ac(VHT20)               | CH149   | 1.05             | 30.00                  | Pass    |
| 11ac(VHT20)               | CH157   | 1.64             | 30.00                  | Pass    |
| 11ac(VHT20)               | CH165   | 1.45             | 30.00                  | Pass    |
| 11ac(VHT40)               | CH151   | -1.99            | 30.00                  | Pass    |
| 11ac(VHT40)               | CH159   | -2.12            | 30.00                  | Pass    |
| 11ac(VHT80)               | CH155   | -6.30            | 30.00                  | Pass    |

| U-NII-2C straddle channel |         |               |                 |         |
|---------------------------|---------|---------------|-----------------|---------|
| Mode                      | Channel | PSD (dBm/MHz) | Limit (dBm/MHz) | Verdict |
| 11a                       | CH144   | 6.17          | 11.00           | Pass    |
| 11n(HT20)                 | CH144   | 4.88          | 11.00           | Pass    |
| 11n(HT40)                 | CH142   | 1.25          | 11.00           | Pass    |
| 11ac(VHT20)               | CH144   | 4.94          | 11.00           | Pass    |
| 11ac(VHT40)               | CH142   | 1.35          | 11.00           | Pass    |
| 11ac(VHT80)               | CH138   | -2.93         | 11.00           | Pass    |

| U-NII-3 straddle channel |         |                  |                    |         |
|--------------------------|---------|------------------|--------------------|---------|
| Mode                     | Channel | PSD (dBm/500kHz) | Limit (dBm/500kHz) | Verdict |
| 11a                      | CH144   | 3.42             | 30.00              | Pass    |
| 11n(HT20)                | CH144   | 2.17             | 30.00              | Pass    |
| 11n(HT40)                | CH142   | -1.59            | 30.00              | Pass    |
| 11ac(VHT20)              | CH144   | 2.16             | 30.00              | Pass    |
| 11ac(VHT40)              | CH142   | -1.57            | 30.00              | Pass    |
| 11ac(VHT80)              | CH138   | -5.69            | 30.00              | Pass    |

## A.5 Conducted Emissions

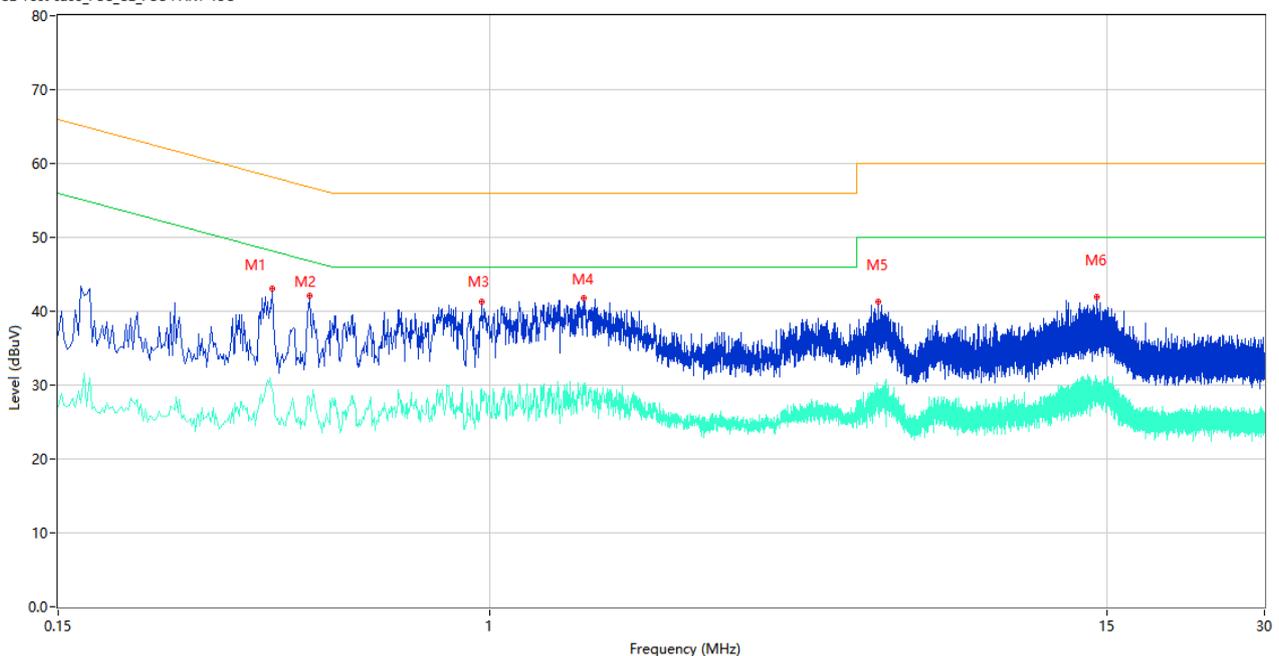
Note<sup>1</sup>: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

### Test Data and Plots

#### PHASE L

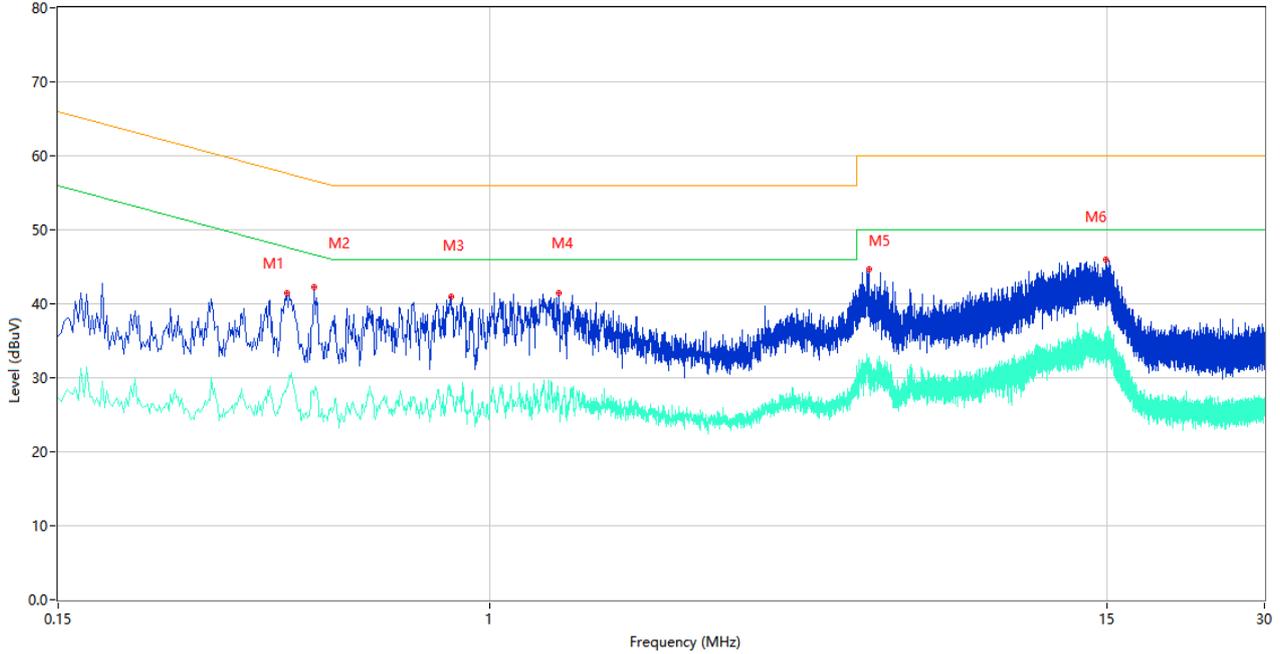
CE Test case\_FCC\_CE\_FCC PART 15C



| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Over Limit (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-----------------|----------|------|---------|
| 1   | 0.384           | 43.14          | 10.68       | 58.19        | 15.05           | Peak     | L    | Pass    |
| 1** | 0.384           | 29.51          | 10.68       | 48.19        | 18.68           | AV       | L    | Pass    |
| 2   | 0.452           | 42.10          | 10.09       | 56.84        | 14.74           | Peak     | L    | Pass    |
| 2** | 0.452           | 28.24          | 10.09       | 46.84        | 18.60           | AV       | L    | Pass    |
| 3   | 0.966           | 41.23          | 10.09       | 56.00        | 14.77           | Peak     | L    | Pass    |
| 3** | 0.966           | 27.75          | 10.09       | 46.00        | 18.25           | AV       | L    | Pass    |
| 4   | 1.510           | 41.70          | 10.30       | 56.00        | 14.30           | Peak     | L    | Pass    |
| 4** | 1.510           | 29.46          | 10.30       | 46.00        | 16.54           | AV       | L    | Pass    |
| 5   | 5.502           | 41.27          | 10.43       | 60.00        | 18.73           | Peak     | L    | Pass    |
| 5** | 5.502           | 29.47          | 10.43       | 50.00        | 20.53           | AV       | L    | Pass    |
| 6   | 14.392          | 41.87          | 10.65       | 60.00        | 18.13           | Peak     | L    | Pass    |
| 6** | 14.392          | 28.37          | 10.65       | 50.00        | 21.63           | AV       | L    | Pass    |

PHASE N

CE Test case\_FCC\_CE\_FCC PART 15C



| No. | Frequency (MHz) | Results (dBuV) | Factor (dB) | Limit (dBuV) | Over Limit (dB) | Detector | Line | Verdict |
|-----|-----------------|----------------|-------------|--------------|-----------------|----------|------|---------|
| 1   | 0.410           | 41.42          | 10.51       | 57.65        | 16.23           | Peak     | N    | Pass    |
| 1** | 0.410           | 28.88          | 10.51       | 47.65        | 18.77           | AV       | N    | Pass    |
| 2   | 0.462           | 42.32          | 10.08       | 56.66        | 14.34           | Peak     | N    | Pass    |
| 2** | 0.462           | 27.56          | 10.08       | 46.66        | 19.10           | AV       | N    | Pass    |
| 3   | 0.842           | 41.02          | 10.67       | 56.00        | 14.98           | Peak     | N    | Pass    |
| 3** | 0.842           | 28.46          | 10.67       | 46.00        | 17.54           | AV       | N    | Pass    |
| 4   | 1.352           | 41.38          | 10.05       | 56.00        | 14.62           | Peak     | N    | Pass    |
| 4** | 1.352           | 26.73          | 10.05       | 46.00        | 19.27           | AV       | N    | Pass    |
| 5   | 5.284           | 44.75          | 10.36       | 60.00        | 15.25           | Peak     | N    | Pass    |
| 5** | 5.284           | 32.77          | 10.36       | 50.00        | 17.23           | AV       | N    | Pass    |
| 6   | 14.964          | 46.03          | 10.71       | 60.00        | 13.97           | Peak     | N    | Pass    |
| 6** | 14.964          | 34.18          | 10.71       | 50.00        | 15.82           | AV       | N    | Pass    |

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

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

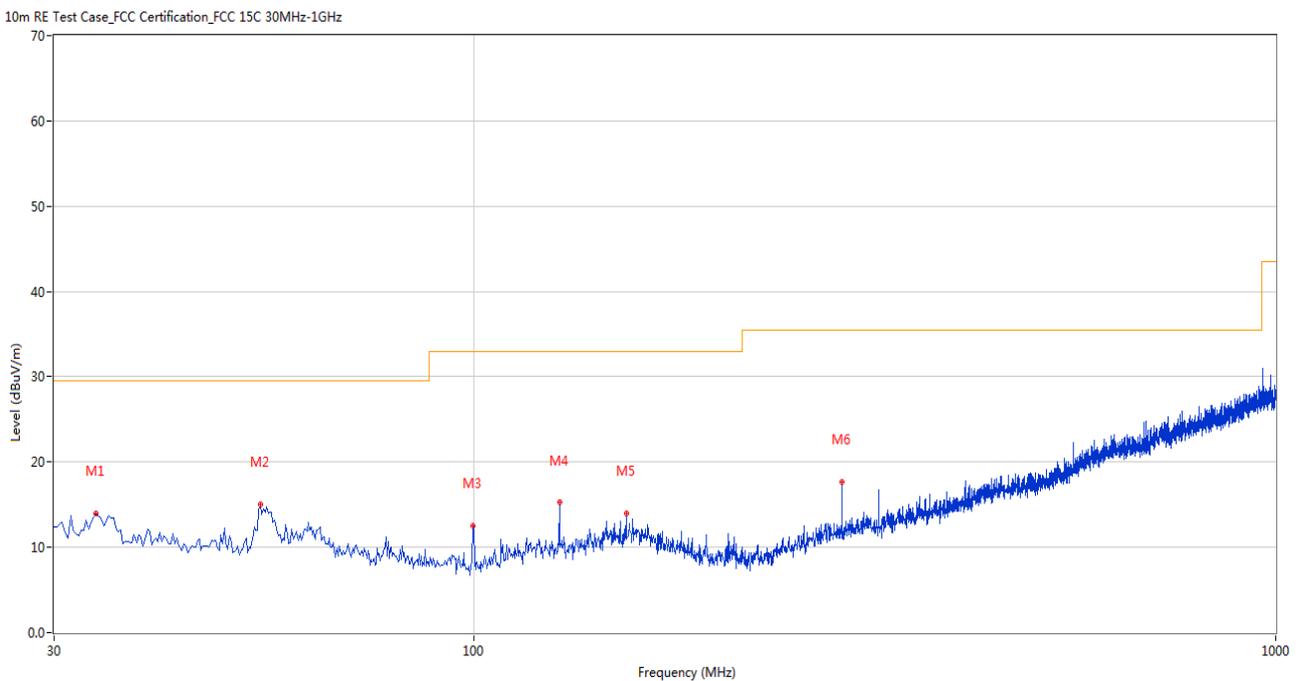
Note<sup>2</sup>: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

### Test Data and Plots

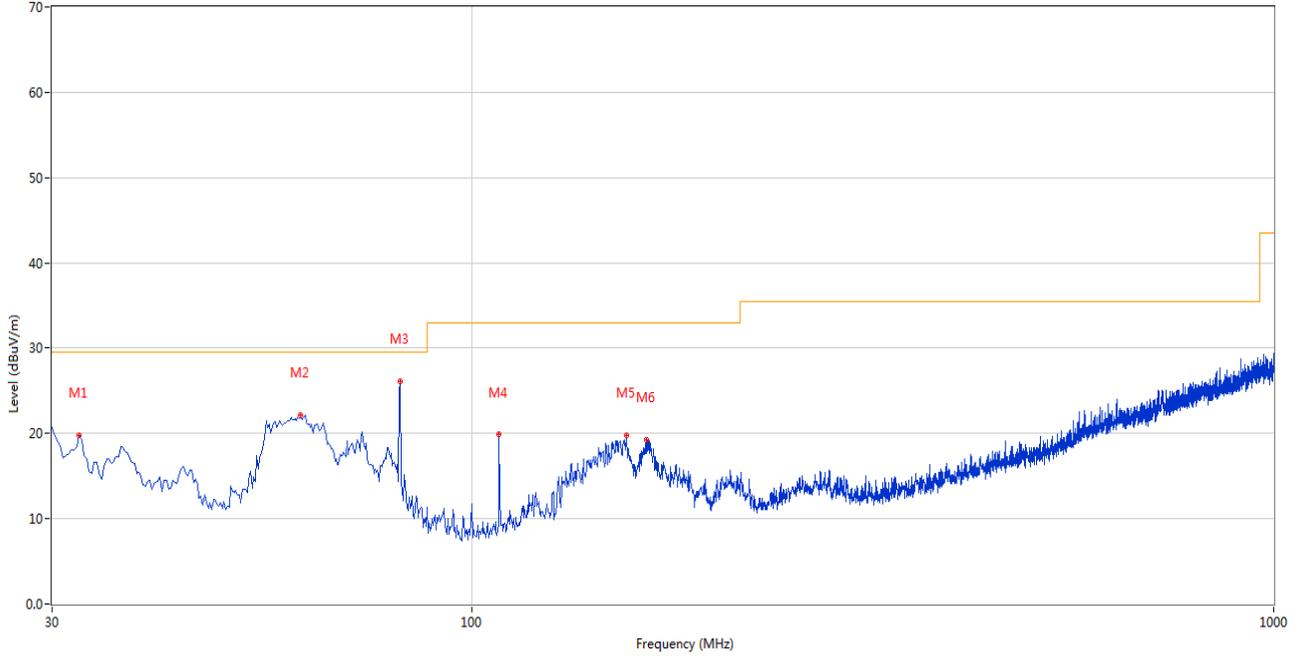
#### 30 MHz to 1 GHz, ANT H



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|------------|---------|
| 1   | 33.879          | 13.93            | -26.96      | 29.5           | 15.57           | Peak     | 0.00           | 200         | Horizontal | Pass    |
| 2   | 54.244          | 15.09            | -27.10      | 29.5           | 14.41           | Peak     | 308.00         | 100         | Horizontal | Pass    |
| 3   | 99.823          | 12.57            | -29.96      | 33.0           | 20.43           | Peak     | 340.00         | 100         | Horizontal | Pass    |
| 4   | 127.946         | 15.23            | -27.47      | 33.0           | 17.77           | Peak     | 10.00          | 100         | Horizontal | Pass    |
| 5   | 155.099         | 13.93            | -26.11      | 33.0           | 19.07           | Peak     | 42.00          | 200         | Horizontal | Pass    |
| 6   | 287.956         | 17.64            | -25.91      | 35.5           | 17.86           | Peak     | 324.00         | 200         | Horizontal | Pass    |

30 MHz to 1 GHz, ANT V

10m RE Test Case\_FCC Certification\_FCC 15C 30MHz-1GHz



| No. | Frequency (MHz) | Results (dBuV/m) | Factor (dB) | Limit (dBuV/m) | Over Limit (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|-------------|----------------|-----------------|----------|----------------|-------------|----------|---------|
| 1   | 32.424          | 19.83            | -27.01      | 29.5           | 9.67            | Peak     | 0.00           | 200         | Vertical | Pass    |
| 2   | 61.275          | 22.15            | -27.61      | 29.5           | 7.35            | Peak     | 280.00         | 100         | Vertical | Pass    |
| 3   | 81.397          | 26.07            | -30.16      | 29.5           | 3.43            | Peak     | 359.00         | 200         | Vertical | Pass    |
| 4   | 108.308         | 19.85            | -29.15      | 33.0           | 13.15           | Peak     | 340.00         | 100         | Vertical | Pass    |
| 5   | 155.826         | 19.76            | -26.12      | 33.0           | 13.24           | Peak     | 313.00         | 200         | Vertical | Pass    |
| 6   | 165.281         | 19.19            | -26.21      | 33.0           | 13.81           | Peak     | 318.00         | 100         | Vertical | Pass    |

Note 1: 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) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1551.100        | 38.99            | 74.0           | 35.01       | Peak     | 249.00         | 200         | Horizontal | Pass    |
| 1** | 1551.100        | 28.99            | 54.0           | 25.01       | AV       | 249.00         | 200         | Horizontal | Pass    |
| 2   | 4246.500        | 47.55            | 74.0           | 26.45       | Peak     | 177.00         | 100         | Horizontal | Pass    |
| 2** | 4246.500        | 37.94            | 54.0           | 16.06       | AV       | 177.00         | 100         | Horizontal | Pass    |
| 3   | 5182.250        | 107.51           | --             | --          | Peak     | 276.00         | 100         | Horizontal | N/A     |
| 3** | 5182.250        | 100.68           | --             | --          | AV       | 276.00         | 100         | Horizontal | N/A     |
| 4   | 7599.500        | 53.68            | 74.0           | 20.32       | Peak     | 294.00         | 200         | Horizontal | Pass    |
| 4** | 7599.500        | 44.35            | 54.0           | 9.65        | AV       | 294.00         | 200         | Horizontal | Pass    |
| 5   | 12465.713       | 53.52            | 74.0           | 20.48       | Peak     | 109.00         | 100         | Horizontal | Pass    |
| 5** | 12465.713       | 44.11            | 54.0           | 9.89        | AV       | 109.00         | 100         | Horizontal | Pass    |
| 6   | 16123.650       | 54.26            | 74.0           | 19.74       | Peak     | 225.00         | 300         | Horizontal | Pass    |
| 6** | 16123.650       | 45.55            | 54.0           | 8.45        | AV       | 225.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1494.300        | 39.72            | 74.0           | 34.28       | Peak     | 127.00         | 400         | Vertical | Pass    |
| 1** | 1494.300        | 28.85            | 54.0           | 25.15       | AV       | 127.00         | 400         | Vertical | Pass    |
| 2   | 3786.250        | 44.61            | 74.0           | 29.39       | Peak     | 276.00         | 100         | Vertical | Pass    |
| 2** | 3786.250        | 44.63            | 54.0           | 9.37        | AV       | 276.00         | 100         | Vertical | Pass    |
| 3   | 5178.250        | 98.33            | --             | --          | Peak     | 43.00          | 150         | Vertical | N/A     |
| 3** | 5178.250        | 91.08            | --             | --          | AV       | 43.00          | 150         | Vertical | N/A     |
| 4   | 7365.000        | 53.20            | 74.0           | 20.80       | Peak     | 140.00         | 400         | Vertical | Pass    |
| 4** | 7365.000        | 44.52            | 54.0           | 9.48        | AV       | 140.00         | 400         | Vertical | Pass    |
| 5   | 12512.975       | 52.79            | 74.0           | 21.21       | Peak     | 119.00         | 200         | Vertical | Pass    |
| 5** | 12512.975       | 44.81            | 54.0           | 9.19        | AV       | 119.00         | 200         | Vertical | Pass    |
| 6   | 15905.250       | 54.10            | 74.0           | 19.90       | Peak     | 317.00         | 200         | Vertical | Pass    |
| 6** | 15905.250       | 44.83            | 54.0           | 9.17        | AV       | 317.00         | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1458.300        | 38.52            | 74.0           | 35.48       | Peak     | 96.00          | 400         | Horizontal | Pass    |
| 1** | 1458.300        | 28.67            | 54.0           | 25.33       | AV       | 96.00          | 400         | Horizontal | Pass    |
| 2   | 3787.750        | 45.08            | 74.0           | 28.92       | Peak     | 125.00         | 100         | Horizontal | Pass    |
| 2** | 3787.750        | 44.65            | 54.0           | 9.35        | AV       | 125.00         | 100         | Horizontal | Pass    |
| 3   | 5222.500        | 107.48           | --             | --          | Peak     | 266.00         | 200         | Horizontal | N/A     |
| 3** | 5222.500        | 99.59            | --             | --          | AV       | 266.00         | 200         | Horizontal | N/A     |
| 4   | 7358.750        | 53.54            | 74.0           | 20.46       | Peak     | 166.00         | 200         | Horizontal | Pass    |
| 4** | 7358.750        | 44.56            | 54.0           | 9.44        | AV       | 166.00         | 200         | Horizontal | Pass    |
| 5   | 12509.650       | 53.77            | 74.0           | 20.23       | Peak     | 242.00         | 150         | Horizontal | Pass    |
| 5** | 12509.650       | 44.18            | 54.0           | 9.82        | AV       | 242.00         | 150         | Horizontal | Pass    |
| 6   | 16128.375       | 54.05            | 74.0           | 19.95       | Peak     | 77.00          | 100         | Horizontal | Pass    |
| 6** | 16128.375       | 45.61            | 54.0           | 8.39        | AV       | 77.00          | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1499.500        | 38.97            | 74.0           | 35.03       | Peak     | 146.00         | 300         | Vertical | Pass    |
| 1** | 1499.500        | 28.99            | 54.0           | 25.01       | AV       | 146.00         | 300         | Vertical | Pass    |
| 2   | 3638.750        | 43.63            | 74.0           | 30.37       | Peak     | 2.00           | 100         | Vertical | Pass    |
| 2** | 3638.750        | 44.18            | 54.0           | 9.82        | AV       | 2.00           | 100         | Vertical | Pass    |
| 3   | 5217.500        | 98.31            | --             | --          | Peak     | 80.00          | 200         | Vertical | N/A     |
| 3** | 5217.500        | 89.76            | --             | --          | AV       | 80.00          | 200         | Vertical | N/A     |
| 4   | 7646.750        | 53.30            | 74.0           | 20.70       | Peak     | 23.00          | 300         | Vertical | Pass    |
| 4** | 7646.750        | 43.78            | 54.0           | 10.22       | AV       | 23.00          | 300         | Vertical | Pass    |
| 5   | 12439.349       | 53.63            | 74.0           | 20.37       | Peak     | 253.00         | 150         | Vertical | Pass    |
| 5** | 12439.349       | 43.94            | 54.0           | 10.06       | AV       | 253.00         | 150         | Vertical | Pass    |
| 6   | 16095.825       | 53.78            | 74.0           | 20.22       | Peak     | 360.00         | 200         | Vertical | Pass    |
| 6** | 16095.825       | 44.87            | 54.0           | 9.13        | AV       | 360.00         | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1620.000        | 38.78            | 74.0           | 35.22       | Peak     | 281.00         | 100         | Horizontal | Pass    |
| 1** | 1620.000        | 29.02            | 54.0           | 24.98       | AV       | 281.00         | 100         | Horizontal | Pass    |
| 2   | 4331.500        | 48.45            | 74.0           | 25.55       | Peak     | 103.00         | 100         | Horizontal | Pass    |
| 2** | 4331.500        | 38.00            | 54.0           | 16.00       | AV       | 103.00         | 100         | Horizontal | Pass    |
| 3   | 5238.000        | 107.44           | --             | --          | Peak     | 279.00         | 200         | Horizontal | N/A     |
| 3** | 5238.000        | 100.26           | --             | --          | AV       | 279.00         | 200         | Horizontal | N/A     |
| 4   | 7573.500        | 53.97            | 74.0           | 20.03       | Peak     | 338.00         | 300         | Horizontal | Pass    |
| 4** | 7573.500        | 43.52            | 54.0           | 10.48       | AV       | 338.00         | 300         | Horizontal | Pass    |
| 5   | 12525.563       | 53.21            | 74.0           | 20.79       | Peak     | 243.00         | 200         | Horizontal | Pass    |
| 5** | 12525.563       | 44.21            | 54.0           | 9.79        | AV       | 243.00         | 200         | Horizontal | Pass    |
| 6   | 15703.650       | 53.70            | 74.0           | 20.30       | Peak     | 137.00         | 300         | Horizontal | Pass    |
| 6** | 15703.650       | 44.59            | 54.0           | 9.41        | AV       | 137.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1493.800        | 40.57            | 74.0           | 33.43       | Peak     | 131.00         | 400         | Vertical | Pass    |
| 1** | 1493.800        | 28.84            | 54.0           | 25.16       | AV       | 131.00         | 400         | Vertical | Pass    |
| 2   | 3638.250        | 45.65            | 74.0           | 28.35       | Peak     | 4.00           | 100         | Vertical | Pass    |
| 2** | 3638.250        | 44.55            | 54.0           | 9.45        | AV       | 4.00           | 100         | Vertical | Pass    |
| 3   | 5239.250        | 98.60            | --             | --          | Peak     | 142.00         | 200         | Vertical | N/A     |
| 3** | 5239.250        | 91.14            | --             | --          | AV       | 142.00         | 200         | Vertical | N/A     |
| 4   | 7440.000        | 53.21            | 74.0           | 20.79       | Peak     | 258.00         | 300         | Vertical | Pass    |
| 4** | 7440.000        | 42.84            | 54.0           | 11.16       | AV       | 258.00         | 300         | Vertical | Pass    |
| 5   | 12489.700       | 53.24            | 74.0           | 20.76       | Peak     | 356.00         | 150         | Vertical | Pass    |
| 5** | 12489.700       | 43.43            | 54.0           | 10.57       | AV       | 356.00         | 150         | Vertical | Pass    |
| 6   | 16132.575       | 54.09            | 74.0           | 19.91       | Peak     | 93.00          | 100         | Vertical | Pass    |
| 6** | 16132.575       | 44.23            | 54.0           | 9.77        | AV       | 93.00          | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1624.500        | 38.96            | 74.0           | 35.04       | Peak     | 249.00         | 400         | Horizontal | Pass    |
| 1** | 1624.500        | 29.13            | 54.0           | 24.87       | AV       | 249.00         | 400         | Horizontal | Pass    |
| 2   | 3787.250        | 43.26            | 74.0           | 30.74       | Peak     | 318.00         | 100         | Horizontal | Pass    |
| 2** | 3787.250        | 42.52            | 54.0           | 11.48       | AV       | 318.00         | 100         | Horizontal | Pass    |
| 3   | 5181.500        | 108.01           | --             | --          | Peak     | 279.00         | 200         | Horizontal | N/A     |
| 3** | 5181.500        | 100.37           | --             | --          | AV       | 279.00         | 200         | Horizontal | N/A     |
| 4   | 7310.000        | 53.12            | 74.0           | 20.88       | Peak     | 138.00         | 100         | Horizontal | Pass    |
| 4** | 7310.000        | 43.52            | 54.0           | 10.48       | AV       | 138.00         | 100         | Horizontal | Pass    |
| 5   | 12512.975       | 53.68            | 74.0           | 20.32       | Peak     | 356.00         | 150         | Horizontal | Pass    |
| 5** | 12512.975       | 44.50            | 54.0           | 9.50        | AV       | 356.00         | 150         | Horizontal | Pass    |
| 6   | 15922.838       | 54.86            | 74.0           | 19.14       | Peak     | 84.00          | 200         | Horizontal | Pass    |
| 6** | 15922.838       | 44.36            | 54.0           | 9.64        | AV       | 84.00          | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1526.700        | 38.69            | 74.0           | 35.31       | Peak     | 171.00         | 100         | Vertical | Pass    |
| 1** | 1526.700        | 28.69            | 54.0           | 25.31       | AV       | 171.00         | 100         | Vertical | Pass    |
| 2   | 3638.250        | 46.92            | 74.0           | 27.08       | Peak     | 99.00          | 100         | Vertical | Pass    |
| 2** | 3638.250        | 45.93            | 54.0           | 8.07        | AV       | 99.00          | 100         | Vertical | Pass    |
| 3   | 5179.000        | 99.22            | --             | --          | Peak     | 138.00         | 150         | Vertical | N/A     |
| 3** | 5179.000        | 92.03            | --             | --          | AV       | 138.00         | 150         | Vertical | N/A     |
| 4   | 7594.250        | 53.28            | 74.0           | 20.72       | Peak     | 315.00         | 100         | Vertical | Pass    |
| 4** | 7594.250        | 44.64            | 54.0           | 9.36        | AV       | 315.00         | 100         | Vertical | Pass    |
| 5   | 12504.188       | 53.25            | 74.0           | 20.75       | Peak     | 74.00          | 150         | Vertical | Pass    |
| 5** | 12504.188       | 44.06            | 54.0           | 9.94        | AV       | 74.00          | 150         | Vertical | Pass    |
| 6   | 15906.037       | 55.03            | 74.0           | 18.97       | Peak     | 23.00          | 300         | Vertical | Pass    |
| 6** | 15906.037       | 45.25            | 54.0           | 8.75        | AV       | 23.00          | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1442.900        | 38.48            | 74.0           | 35.52       | Peak     | 247.00         | 200         | Horizontal | Pass    |
| 1** | 1442.900        | 29.63            | 54.0           | 24.37       | AV       | 247.00         | 200         | Horizontal | Pass    |
| 2   | 3786.250        | 48.15            | 74.0           | 25.85       | Peak     | 181.00         | 100         | Horizontal | Pass    |
| 2** | 3786.250        | 44.06            | 54.0           | 9.94        | AV       | 181.00         | 100         | Horizontal | Pass    |
| 3   | 5218.250        | 107.80           | --             | --          | Peak     | 278.00         | 150         | Horizontal | N/A     |
| 3** | 5218.250        | 99.59            | --             | --          | AV       | 278.00         | 150         | Horizontal | N/A     |
| 4   | 7646.750        | 53.00            | 74.0           | 21.00       | Peak     | 142.00         | 100         | Horizontal | Pass    |
| 4** | 7646.750        | 43.57            | 54.0           | 10.43       | AV       | 142.00         | 100         | Horizontal | Pass    |
| 5   | 12447.188       | 53.44            | 74.0           | 20.56       | Peak     | 356.00         | 150         | Horizontal | Pass    |
| 5** | 12447.188       | 44.16            | 54.0           | 9.84        | AV       | 356.00         | 150         | Horizontal | Pass    |
| 6   | 16064.850       | 54.23            | 74.0           | 19.77       | Peak     | 76.00          | 100         | Horizontal | Pass    |
| 6** | 16064.850       | 44.10            | 54.0           | 9.90        | AV       | 76.00          | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1522.100        | 39.29            | 74.0           | 34.71       | Peak     | 142.00         | 400         | Vertical | Pass    |
| 1** | 1522.100        | 28.57            | 54.0           | 25.43       | AV       | 142.00         | 400         | Vertical | Pass    |
| 2   | 3787.000        | 49.41            | 74.0           | 24.59       | Peak     | 84.00          | 100         | Vertical | Pass    |
| 2** | 3787.000        | 50.59            | 54.0           | 3.41        | AV       | 84.00          | 100         | Vertical | Pass    |
| 3   | 5221.500        | 98.59            | --             | --          | Peak     | 144.00         | 100         | Vertical | N/A     |
| 3** | 5221.500        | 90.89            | --             | --          | AV       | 144.00         | 100         | Vertical | N/A     |
| 4   | 7351.000        | 53.46            | 74.0           | 20.54       | Peak     | 2.00           | 100         | Vertical | Pass    |
| 4** | 7351.000        | 43.45            | 54.0           | 10.55       | AV       | 2.00           | 100         | Vertical | Pass    |
| 5   | 12507.037       | 54.25            | 74.0           | 19.75       | Peak     | 0.00           | 200         | Vertical | Pass    |
| 5** | 12507.037       | 43.80            | 54.0           | 10.20       | AV       | 0.00           | 200         | Vertical | Pass    |
| 6   | 15677.924       | 53.99            | 74.0           | 20.01       | Peak     | 149.00         | 100         | Vertical | Pass    |
| 6** | 15677.924       | 44.31            | 54.0           | 9.69        | AV       | 149.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1512.000        | 37.99            | 74.0           | 36.01       | Peak     | 232.00         | 100         | Horizontal | Pass    |
| 1** | 1512.000        | 28.97            | 54.0           | 25.03       | AV       | 232.00         | 100         | Horizontal | Pass    |
| 2   | 3787.250        | 49.82            | 74.0           | 24.18       | Peak     | 47.00          | 100         | Horizontal | Pass    |
| 2** | 3787.250        | 48.08            | 54.0           | 5.92        | AV       | 47.00          | 100         | Horizontal | Pass    |
| 3   | 5241.000        | 107.18           | --             | --          | Peak     | 284.00         | 200         | Horizontal | N/A     |
| 3** | 5241.000        | 99.86            | --             | --          | AV       | 284.00         | 200         | Horizontal | N/A     |
| 4   | 7593.250        | 53.68            | 74.0           | 20.32       | Peak     | 204.00         | 100         | Horizontal | Pass    |
| 4** | 7593.250        | 43.99            | 54.0           | 10.01       | AV       | 204.00         | 100         | Horizontal | Pass    |
| 5   | 12488.275       | 54.19            | 74.0           | 19.81       | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 5** | 12488.275       | 44.25            | 54.0           | 9.75        | AV       | 360.00         | 150         | Horizontal | Pass    |
| 6   | 15931.500       | 54.25            | 74.0           | 19.75       | Peak     | 77.00          | 200         | Horizontal | Pass    |
| 6** | 15931.500       | 43.66            | 54.0           | 10.34       | AV       | 77.00          | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1603.800        | 38.95            | 74.0           | 35.05       | Peak     | 271.00         | 100         | Vertical | Pass    |
| 1** | 1603.800        | 29.22            | 54.0           | 24.78       | AV       | 271.00         | 100         | Vertical | Pass    |
| 2   | 4273.750        | 47.86            | 74.0           | 26.14       | Peak     | 120.00         | 100         | Vertical | Pass    |
| 2** | 4273.750        | 38.26            | 54.0           | 15.74       | AV       | 120.00         | 100         | Vertical | Pass    |
| 3   | 5240.750        | 100.37           | --             | --          | Peak     | 43.00          | 100         | Vertical | N/A     |
| 3** | 5240.750        | 92.03            | --             | --          | AV       | 43.00          | 100         | Vertical | N/A     |
| 4   | 7365.500        | 53.54            | 74.0           | 20.46       | Peak     | 238.00         | 400         | Vertical | Pass    |
| 4** | 7365.500        | 44.36            | 54.0           | 9.64        | AV       | 238.00         | 400         | Vertical | Pass    |
| 5   | 12461.674       | 53.65            | 74.0           | 20.35       | Peak     | 360.00         | 150         | Vertical | Pass    |
| 5** | 12461.674       | 44.48            | 54.0           | 9.52        | AV       | 360.00         | 150         | Vertical | Pass    |
| 6   | 16100.287       | 53.79            | 74.0           | 20.21       | Peak     | 77.00          | 200         | Vertical | Pass    |
| 6** | 16100.287       | 45.40            | 54.0           | 8.60        | AV       | 77.00          | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1439.700        | 38.64            | 74.0           | 35.36       | Peak     | 259.00         | 100         | Horizontal | Pass    |
| 1** | 1439.700        | 28.45            | 54.0           | 25.55       | AV       | 259.00         | 100         | Horizontal | Pass    |
| 2   | 3716.750        | 47.71            | 74.0           | 26.29       | Peak     | 227.00         | 400         | Horizontal | Pass    |
| 2** | 3716.750        | 38.51            | 54.0           | 15.49       | AV       | 227.00         | 400         | Horizontal | Pass    |
| 3   | 5187.750        | 102.44           | --             | --          | Peak     | 286.00         | 200         | Horizontal | N/A     |
| 3** | 5187.750        | 95.27            | --             | --          | AV       | 286.00         | 200         | Horizontal | N/A     |
| 4   | 7608.500        | 53.70            | 74.0           | 20.30       | Peak     | 50.00          | 200         | Horizontal | Pass    |
| 4** | 7608.500        | 44.69            | 54.0           | 9.31        | AV       | 50.00          | 200         | Horizontal | Pass    |
| 5   | 12478.537       | 53.30            | 74.0           | 20.70       | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 5** | 12478.537       | 44.90            | 54.0           | 9.10        | AV       | 0.00           | 150         | Horizontal | Pass    |
| 6   | 16132.575       | 54.22            | 74.0           | 19.78       | Peak     | 31.00          | 400         | Horizontal | Pass    |
| 6** | 16132.575       | 44.49            | 54.0           | 9.51        | AV       | 31.00          | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1440.300        | 39.85            | 74.0           | 34.15       | Peak     | 149.00         | 300         | Vertical | Pass    |
| 1** | 1440.300        | 28.74            | 54.0           | 25.26       | AV       | 149.00         | 300         | Vertical | Pass    |
| 2   | 3712.750        | 47.42            | 74.0           | 26.58       | Peak     | 200.00         | 100         | Vertical | Pass    |
| 2** | 3712.750        | 42.27            | 54.0           | 11.73       | AV       | 200.00         | 100         | Vertical | Pass    |
| 3   | 5187.250        | 94.52            | --             | --          | Peak     | 43.00          | 100         | Vertical | N/A     |
| 3** | 5187.250        | 86.46            | --             | --          | AV       | 43.00          | 100         | Vertical | N/A     |
| 4   | 7607.000        | 54.00            | 74.0           | 20.00       | Peak     | 315.00         | 300         | Vertical | Pass    |
| 4** | 7607.000        | 44.34            | 54.0           | 9.66        | AV       | 315.00         | 300         | Vertical | Pass    |
| 5   | 12528.175       | 53.11            | 74.0           | 20.89       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 5** | 12528.175       | 43.76            | 54.0           | 10.24       | AV       | 0.00           | 100         | Vertical | Pass    |
| 6   | 16150.425       | 54.28            | 74.0           | 19.72       | Peak     | 155.00         | 400         | Vertical | Pass    |
| 6** | 16150.425       | 44.43            | 54.0           | 9.57        | AV       | 155.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1597.700        | 38.13            | 74.0           | 35.87       | Peak     | 176.00         | 200         | Horizontal | Pass    |
| 1** | 1597.700        | 29.46            | 54.0           | 24.54       | AV       | 176.00         | 200         | Horizontal | Pass    |
| 2   | 3787.000        | 45.18            | 74.0           | 28.82       | Peak     | 69.00          | 100         | Horizontal | Pass    |
| 2** | 3787.000        | 46.63            | 54.0           | 7.37        | AV       | 69.00          | 100         | Horizontal | Pass    |
| 3   | 5231.250        | 103.23           | --             | --          | Peak     | 149.00         | 200         | Horizontal | N/A     |
| 3** | 5231.250        | 95.17            | --             | --          | AV       | 149.00         | 200         | Horizontal | N/A     |
| 4   | 7598.000        | 53.44            | 74.0           | 20.56       | Peak     | 264.00         | 300         | Horizontal | Pass    |
| 4** | 7598.000        | 44.66            | 54.0           | 9.34        | AV       | 264.00         | 300         | Horizontal | Pass    |
| 5   | 12525.799       | 52.90            | 74.0           | 21.10       | Peak     | 122.00         | 200         | Horizontal | Pass    |
| 5** | 12525.799       | 43.46            | 54.0           | 10.54       | AV       | 122.00         | 200         | Horizontal | Pass    |
| 6   | 15894.225       | 53.94            | 74.0           | 20.06       | Peak     | 161.00         | 100         | Horizontal | Pass    |
| 6** | 15894.225       | 45.42            | 54.0           | 8.58        | AV       | 161.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1523.800        | 39.44            | 74.0           | 34.56       | Peak     | 159.00         | 400         | Vertical | Pass    |
| 1** | 1523.800        | 28.24            | 54.0           | 25.76       | AV       | 159.00         | 400         | Vertical | Pass    |
| 2   | 4289.750        | 47.39            | 74.0           | 26.61       | Peak     | 224.00         | 100         | Vertical | Pass    |
| 2** | 4289.750        | 39.09            | 54.0           | 14.91       | AV       | 224.00         | 100         | Vertical | Pass    |
| 3   | 5234.250        | 94.92            | --             | --          | Peak     | 145.00         | 150         | Vertical | N/A     |
| 3** | 5234.250        | 88.07            | --             | --          | AV       | 145.00         | 150         | Vertical | N/A     |
| 4   | 7612.250        | 53.09            | 74.0           | 20.91       | Peak     | 145.00         | 400         | Vertical | Pass    |
| 4** | 7612.250        | 43.65            | 54.0           | 10.35       | AV       | 145.00         | 400         | Vertical | Pass    |
| 5   | 12468.088       | 53.54            | 74.0           | 20.46       | Peak     | 200.00         | 150         | Vertical | Pass    |
| 5** | 12468.088       | 43.55            | 54.0           | 10.45       | AV       | 200.00         | 150         | Vertical | Pass    |
| 6   | 15932.287       | 54.08            | 74.0           | 19.92       | Peak     | 319.00         | 100         | Vertical | Pass    |
| 6** | 15932.287       | 43.85            | 54.0           | 10.15       | AV       | 319.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1576.100        | 38.54            | 74.0           | 35.46       | Peak     | 141.00         | 400         | Horizontal | Pass    |
| 1** | 1576.100        | 29.20            | 54.0           | 24.80       | AV       | 141.00         | 400         | Horizontal | Pass    |
| 2   | 4038.750        | 47.51            | 74.0           | 26.49       | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 2** | 4038.750        | 38.84            | 54.0           | 15.16       | AV       | 360.00         | 400         | Horizontal | Pass    |
| 3   | 5181.500        | 107.68           | --             | --          | Peak     | 259.00         | 100         | Horizontal | N/A     |
| 3** | 5181.500        | 99.80            | --             | --          | AV       | 259.00         | 100         | Horizontal | N/A     |
| 4   | 7640.500        | 53.66            | 74.0           | 20.34       | Peak     | 277.00         | 200         | Horizontal | Pass    |
| 4** | 7640.500        | 43.84            | 54.0           | 10.16       | AV       | 277.00         | 200         | Horizontal | Pass    |
| 5   | 12481.388       | 53.40            | 74.0           | 20.60       | Peak     | 273.00         | 100         | Horizontal | Pass    |
| 5** | 12481.388       | 44.18            | 54.0           | 9.82        | AV       | 273.00         | 100         | Horizontal | Pass    |
| 6   | 16122.075       | 54.83            | 74.0           | 19.17       | Peak     | 223.00         | 300         | Horizontal | Pass    |
| 6** | 16122.075       | 45.19            | 54.0           | 8.81        | AV       | 223.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1521.000        | 38.90            | 74.0           | 35.10       | Peak     | 146.00         | 300         | Vertical | Pass    |
| 1** | 1521.000        | 29.50            | 54.0           | 24.50       | AV       | 146.00         | 300         | Vertical | Pass    |
| 2   | 3711.750        | 47.94            | 74.0           | 26.06       | Peak     | 101.00         | 100         | Vertical | Pass    |
| 2** | 3711.750        | 38.51            | 54.0           | 15.49       | AV       | 101.00         | 100         | Vertical | Pass    |
| 3   | 5181.500        | 98.83            | --             | --          | Peak     | 161.00         | 200         | Vertical | N/A     |
| 3** | 5181.500        | 90.76            | --             | --          | AV       | 161.00         | 200         | Vertical | N/A     |
| 4   | 7645.750        | 53.40            | 74.0           | 20.60       | Peak     | 101.00         | 200         | Vertical | Pass    |
| 4** | 7645.750        | 44.73            | 54.0           | 9.27        | AV       | 101.00         | 200         | Vertical | Pass    |
| 5   | 12475.213       | 54.57            | 74.0           | 19.43       | Peak     | 47.00          | 200         | Vertical | Pass    |
| 5** | 12475.213       | 44.64            | 54.0           | 9.36        | AV       | 47.00          | 200         | Vertical | Pass    |
| 6   | 16100.025       | 54.08            | 74.0           | 19.92       | Peak     | 295.00         | 400         | Vertical | Pass    |
| 6** | 16100.025       | 46.10            | 54.0           | 7.90        | AV       | 295.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1468.600        | 38.52            | 74.0           | 35.48       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 1** | 1468.600        | 28.47            | 54.0           | 25.53       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 2   | 3709.250        | 48.01            | 74.0           | 25.99       | Peak     | 4.00           | 300         | Horizontal | Pass    |
| 2** | 3709.250        | 38.89            | 54.0           | 15.11       | AV       | 4.00           | 300         | Horizontal | Pass    |
| 3   | 5218.000        | 107.06           | --             | --          | Peak     | 279.00         | 200         | Horizontal | N/A     |
| 3** | 5218.000        | 99.16            | --             | --          | AV       | 279.00         | 200         | Horizontal | N/A     |
| 4   | 7495.250        | 53.79            | 74.0           | 20.21       | Peak     | 25.00          | 100         | Horizontal | Pass    |
| 4** | 7495.250        | 43.43            | 54.0           | 10.57       | AV       | 25.00          | 100         | Horizontal | Pass    |
| 5   | 12483.049       | 53.17            | 74.0           | 20.83       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 5** | 12483.049       | 44.37            | 54.0           | 9.63        | AV       | 360.00         | 200         | Horizontal | Pass    |
| 6   | 15886.875       | 54.24            | 74.0           | 19.76       | Peak     | 120.00         | 400         | Horizontal | Pass    |
| 6** | 15886.875       | 45.29            | 54.0           | 8.71        | AV       | 120.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1498.000        | 40.42            | 74.0           | 33.58       | Peak     | 115.00         | 200         | Vertical | Pass    |
| 1** | 1498.000        | 29.00            | 54.0           | 25.00       | AV       | 115.00         | 200         | Vertical | Pass    |
| 2   | 3713.250        | 47.17            | 74.0           | 26.83       | Peak     | 4.00           | 100         | Vertical | Pass    |
| 2** | 3713.250        | 40.51            | 54.0           | 13.49       | AV       | 4.00           | 100         | Vertical | Pass    |
| 3   | 5220.750        | 97.78            | --             | --          | Peak     | 144.00         | 100         | Vertical | N/A     |
| 3** | 5220.750        | 90.12            | --             | --          | AV       | 144.00         | 100         | Vertical | N/A     |
| 4   | 7611.250        | 53.23            | 74.0           | 20.77       | Peak     | 360.00         | 300         | Vertical | Pass    |
| 4** | 7611.250        | 43.47            | 54.0           | 10.53       | AV       | 360.00         | 300         | Vertical | Pass    |
| 5   | 12497.537       | 53.19            | 74.0           | 20.81       | Peak     | 301.00         | 200         | Vertical | Pass    |
| 5** | 12497.537       | 44.35            | 54.0           | 9.65        | AV       | 301.00         | 200         | Vertical | Pass    |
| 6   | 16059.338       | 53.98            | 74.0           | 20.02       | Peak     | 270.00         | 300         | Vertical | Pass    |
| 6** | 16059.338       | 44.50            | 54.0           | 9.50        | AV       | 270.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1557.700        | 38.57            | 74.0           | 35.43       | Peak     | 64.00          | 200         | Horizontal | Pass    |
| 1** | 1557.700        | 28.46            | 54.0           | 25.54       | AV       | 64.00          | 200         | Horizontal | Pass    |
| 2   | 4326.000        | 47.47            | 74.0           | 26.53       | Peak     | 181.00         | 300         | Horizontal | Pass    |
| 2** | 4326.000        | 38.67            | 54.0           | 15.33       | AV       | 181.00         | 300         | Horizontal | Pass    |
| 3   | 5237.250        | 107.17           | --             | --          | Peak     | 280.00         | 150         | Horizontal | N/A     |
| 3** | 5237.250        | 99.72            | --             | --          | AV       | 280.00         | 150         | Horizontal | N/A     |
| 4   | 7357.250        | 53.54            | 74.0           | 20.46       | Peak     | 2.00           | 300         | Horizontal | Pass    |
| 4** | 7357.250        | 44.24            | 54.0           | 9.76        | AV       | 2.00           | 300         | Horizontal | Pass    |
| 5   | 12519.625       | 53.41            | 74.0           | 20.59       | Peak     | 230.00         | 200         | Horizontal | Pass    |
| 5** | 12519.625       | 44.05            | 54.0           | 9.95        | AV       | 230.00         | 200         | Horizontal | Pass    |
| 6   | 16094.775       | 54.09            | 74.0           | 19.91       | Peak     | 285.00         | 400         | Horizontal | Pass    |
| 6** | 16094.775       | 45.45            | 54.0           | 8.55        | AV       | 285.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1443.600        | 39.03            | 74.0           | 34.97       | Peak     | 169.00         | 200         | Vertical | Pass    |
| 1** | 1443.600        | 30.45            | 54.0           | 23.55       | AV       | 169.00         | 200         | Vertical | Pass    |
| 2   | 4249.500        | 47.02            | 74.0           | 26.98       | Peak     | 2.00           | 400         | Vertical | Pass    |
| 2** | 4249.500        | 37.66            | 54.0           | 16.34       | AV       | 2.00           | 400         | Vertical | Pass    |
| 3   | 5241.000        | 98.30            | --             | --          | Peak     | 43.00          | 150         | Vertical | N/A     |
| 3** | 5241.000        | 91.27            | --             | --          | AV       | 43.00          | 150         | Vertical | N/A     |
| 4   | 7354.750        | 53.29            | 74.0           | 20.71       | Peak     | 82.00          | 400         | Vertical | Pass    |
| 4** | 7354.750        | 44.08            | 54.0           | 9.92        | AV       | 82.00          | 400         | Vertical | Pass    |
| 5   | 12500.388       | 53.32            | 74.0           | 20.68       | Peak     | 291.00         | 150         | Vertical | Pass    |
| 5** | 12500.388       | 44.25            | 54.0           | 9.75        | AV       | 291.00         | 150         | Vertical | Pass    |
| 6   | 16118.925       | 54.82            | 74.0           | 19.18       | Peak     | 290.00         | 200         | Vertical | Pass    |
| 6** | 16118.925       | 44.98            | 54.0           | 9.02        | AV       | 290.00         | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1480.400        | 38.28            | 74.0           | 35.72       | Peak     | 49.00          | 400         | Horizontal | Pass    |
| 1** | 1480.400        | 28.65            | 54.0           | 25.35       | AV       | 49.00          | 400         | Horizontal | Pass    |
| 2   | 3707.000        | 48.41            | 74.0           | 25.59       | Peak     | 358.00         | 200         | Horizontal | Pass    |
| 2** | 3707.000        | 38.70            | 54.0           | 15.30       | AV       | 358.00         | 200         | Horizontal | Pass    |
| 3   | 5192.000        | 102.28           | --             | --          | Peak     | 279.00         | 100         | Horizontal | N/A     |
| 3** | 5192.000        | 94.69            | --             | --          | AV       | 279.00         | 100         | Horizontal | N/A     |
| 4   | 7582.500        | 53.69            | 74.0           | 20.31       | Peak     | 183.00         | 300         | Horizontal | Pass    |
| 4** | 7582.500        | 44.28            | 54.0           | 9.72        | AV       | 183.00         | 300         | Horizontal | Pass    |
| 5   | 12509.175       | 53.90            | 74.0           | 20.10       | Peak     | 356.00         | 150         | Horizontal | Pass    |
| 5** | 12509.175       | 44.09            | 54.0           | 9.91        | AV       | 356.00         | 150         | Horizontal | Pass    |
| 6   | 16129.688       | 54.18            | 74.0           | 19.82       | Peak     | 181.00         | 100         | Horizontal | Pass    |
| 6** | 16129.688       | 44.97            | 54.0           | 9.03        | AV       | 181.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1446.900        | 38.74            | 74.0           | 35.26       | Peak     | 190.00         | 400         | Vertical | Pass    |
| 1** | 1446.900        | 29.88            | 54.0           | 24.12       | AV       | 190.00         | 400         | Vertical | Pass    |
| 2   | 3787.000        | 46.40            | 74.0           | 27.60       | Peak     | 317.00         | 100         | Vertical | Pass    |
| 2** | 3787.000        | 48.53            | 54.0           | 5.47        | AV       | 317.00         | 100         | Vertical | Pass    |
| 3   | 5180.500        | 93.76            | --             | --          | Peak     | 163.00         | 100         | Vertical | N/A     |
| 3** | 5180.500        | 85.01            | --             | --          | AV       | 163.00         | 100         | Vertical | N/A     |
| 4   | 7639.000        | 53.64            | 74.0           | 20.36       | Peak     | 220.00         | 300         | Vertical | Pass    |
| 4** | 7639.000        | 43.82            | 54.0           | 10.18       | AV       | 220.00         | 300         | Vertical | Pass    |
| 5   | 12465.475       | 53.19            | 74.0           | 20.81       | Peak     | 207.00         | 100         | Vertical | Pass    |
| 5** | 12465.475       | 43.85            | 54.0           | 10.15       | AV       | 207.00         | 100         | Vertical | Pass    |
| 6   | 15915.225       | 53.87            | 74.0           | 20.13       | Peak     | 343.00         | 400         | Vertical | Pass    |
| 6** | 15915.225       | 44.85            | 54.0           | 9.15        | AV       | 343.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1447.100        | 38.54            | 74.0           | 35.46       | Peak     | 332.00         | 400         | Horizontal | Pass    |
| 1** | 1447.100        | 28.19            | 54.0           | 25.81       | AV       | 332.00         | 400         | Horizontal | Pass    |
| 2   | 4247.750        | 47.26            | 74.0           | 26.74       | Peak     | 245.00         | 300         | Horizontal | Pass    |
| 2** | 4247.750        | 37.51            | 54.0           | 16.49       | AV       | 245.00         | 300         | Horizontal | Pass    |
| 3   | 5227.500        | 103.17           | --             | --          | Peak     | 147.00         | 200         | Horizontal | N/A     |
| 3** | 5227.500        | 96.08            | --             | --          | AV       | 147.00         | 200         | Horizontal | N/A     |
| 4   | 7694.750        | 52.97            | 74.0           | 21.03       | Peak     | 4.00           | 200         | Horizontal | Pass    |
| 4** | 7694.750        | 43.14            | 54.0           | 10.86       | AV       | 4.00           | 200         | Horizontal | Pass    |
| 5   | 12480.675       | 53.38            | 74.0           | 20.62       | Peak     | 147.00         | 100         | Horizontal | Pass    |
| 5** | 12480.675       | 44.99            | 54.0           | 9.01        | AV       | 147.00         | 100         | Horizontal | Pass    |
| 6   | 15971.925       | 54.74            | 74.0           | 19.26       | Peak     | 4.00           | 400         | Horizontal | Pass    |
| 6** | 15971.925       | 43.42            | 54.0           | 10.58       | AV       | 4.00           | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1497.200        | 40.38            | 74.0           | 33.62       | Peak     | 147.00         | 100         | Vertical | Pass    |
| 1** | 1497.200        | 29.81            | 54.0           | 24.19       | AV       | 147.00         | 100         | Vertical | Pass    |
| 2   | 4325.750        | 47.37            | 74.0           | 26.63       | Peak     | 86.00          | 100         | Vertical | Pass    |
| 2** | 4325.750        | 38.23            | 54.0           | 15.77       | AV       | 86.00          | 100         | Vertical | Pass    |
| 3   | 5232.750        | 96.61            | --             | --          | Peak     | 144.00         | 150         | Vertical | N/A     |
| 3** | 5232.750        | 87.78            | --             | --          | AV       | 144.00         | 150         | Vertical | N/A     |
| 4   | 7481.250        | 53.28            | 74.0           | 20.72       | Peak     | 360.00         | 200         | Vertical | Pass    |
| 4** | 7481.250        | 44.28            | 54.0           | 9.72        | AV       | 360.00         | 200         | Vertical | Pass    |
| 5   | 12464.050       | 53.16            | 74.0           | 20.84       | Peak     | 360.00         | 150         | Vertical | Pass    |
| 5** | 12464.050       | 43.61            | 54.0           | 10.39       | AV       | 360.00         | 150         | Vertical | Pass    |
| 6   | 15681.075       | 53.93            | 74.0           | 20.07       | Peak     | 6.00           | 100         | Vertical | Pass    |
| 6** | 15681.075       | 43.86            | 54.0           | 10.14       | AV       | 6.00           | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1488.200        | 38.52            | 74.0           | 35.48       | Peak     | 222.00         | 200         | Horizontal | Pass    |
| 1** | 1488.200        | 28.46            | 54.0           | 25.54       | AV       | 222.00         | 200         | Horizontal | Pass    |
| 2   | 4308.250        | 48.38            | 74.0           | 25.62       | Peak     | 341.00         | 200         | Horizontal | Pass    |
| 2** | 4308.250        | 37.50            | 54.0           | 16.50       | AV       | 341.00         | 200         | Horizontal | Pass    |
| 3   | 5209.250        | 98.99            | --             | --          | Peak     | 261.00         | 200         | Horizontal | N/A     |
| 3** | 5209.250        | 90.78            | --             | --          | AV       | 261.00         | 200         | Horizontal | N/A     |
| 4   | 7613.500        | 53.31            | 74.0           | 20.69       | Peak     | 67.00          | 400         | Horizontal | Pass    |
| 4** | 7613.500        | 44.01            | 54.0           | 9.99        | AV       | 67.00          | 400         | Horizontal | Pass    |
| 5   | 12496.113       | 53.76            | 74.0           | 20.24       | Peak     | 50.00          | 200         | Horizontal | Pass    |
| 5** | 12496.113       | 45.12            | 54.0           | 8.88        | AV       | 50.00          | 200         | Horizontal | Pass    |
| 6   | 16129.162       | 53.82            | 74.0           | 20.18       | Peak     | 139.00         | 100         | Horizontal | Pass    |
| 6** | 16129.162       | 45.28            | 54.0           | 8.72        | AV       | 139.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1494.100        | 40.60            | 74.0           | 33.40       | Peak     | 123.00         | 200         | Vertical | Pass    |
| 1** | 1494.100        | 29.25            | 54.0           | 24.75       | AV       | 123.00         | 200         | Vertical | Pass    |
| 2   | 3787.500        | 43.88            | 74.0           | 30.12       | Peak     | 210.00         | 100         | Vertical | Pass    |
| 2** | 3787.500        | 47.89            | 54.0           | 6.11        | AV       | 210.00         | 100         | Vertical | Pass    |
| 3   | 5202.000        | 89.90            | --             | --          | Peak     | 149.00         | 200         | Vertical | N/A     |
| 3** | 5202.000        | 82.91            | --             | --          | AV       | 149.00         | 200         | Vertical | N/A     |
| 4   | 7589.250        | 52.94            | 74.0           | 21.06       | Peak     | 28.00          | 300         | Vertical | Pass    |
| 4** | 7589.250        | 44.36            | 54.0           | 9.64        | AV       | 28.00          | 300         | Vertical | Pass    |
| 5   | 12496.113       | 54.04            | 74.0           | 19.96       | Peak     | 170.00         | 200         | Vertical | Pass    |
| 5** | 12496.113       | 43.69            | 54.0           | 10.31       | AV       | 170.00         | 200         | Vertical | Pass    |
| 6   | 16095.037       | 54.15            | 74.0           | 19.85       | Peak     | 300.00         | 100         | Vertical | Pass    |
| 6** | 16095.037       | 45.06            | 54.0           | 8.94        | AV       | 300.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1618.700        | 38.21            | 74.0           | 35.79       | Peak     | 8.00           | 100         | Horizontal | Pass    |
| 1** | 1618.700        | 28.97            | 54.0           | 25.03       | AV       | 8.00           | 100         | Horizontal | Pass    |
| 2   | 3786.500        | 51.25            | 74.0           | 22.75       | Peak     | 104.00         | 100         | Horizontal | Pass    |
| 2** | 3786.500        | 46.79            | 54.0           | 7.21        | AV       | 104.00         | 100         | Horizontal | Pass    |
| 3   | 5258.750        | 107.20           | --             | --          | Peak     | 144.00         | 100         | Horizontal | N/A     |
| 3** | 5258.750        | 100.56           | --             | --          | AV       | 144.00         | 100         | Horizontal | N/A     |
| 4   | 7414.000        | 53.52            | 74.0           | 20.48       | Peak     | 203.00         | 100         | Horizontal | Pass    |
| 4** | 7414.000        | 43.91            | 54.0           | 10.09       | AV       | 203.00         | 100         | Horizontal | Pass    |
| 5   | 12454.550       | 53.71            | 74.0           | 20.29       | Peak     | 2.00           | 100         | Horizontal | Pass    |
| 5** | 12454.550       | 44.56            | 54.0           | 9.44        | AV       | 2.00           | 100         | Horizontal | Pass    |
| 6   | 15901.312       | 54.54            | 74.0           | 19.46       | Peak     | 343.00         | 100         | Horizontal | Pass    |
| 6** | 15901.312       | 44.86            | 54.0           | 9.14        | AV       | 343.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1499.200        | 40.21            | 74.0           | 33.79       | Peak     | 122.00         | 200         | Vertical | Pass    |
| 1** | 1499.200        | 29.76            | 54.0           | 24.24       | AV       | 122.00         | 200         | Vertical | Pass    |
| 2   | 4335.750        | 47.06            | 74.0           | 26.94       | Peak     | 360.00         | 400         | Vertical | Pass    |
| 2** | 4335.750        | 38.39            | 54.0           | 15.61       | AV       | 360.00         | 400         | Vertical | Pass    |
| 3   | 5261.250        | 98.91            | --             | --          | Peak     | 144.00         | 200         | Vertical | N/A     |
| 3** | 5261.250        | 91.56            | --             | --          | AV       | 144.00         | 200         | Vertical | N/A     |
| 4   | 7709.750        | 53.19            | 74.0           | 20.81       | Peak     | 65.00          | 200         | Vertical | Pass    |
| 4** | 7709.750        | 43.80            | 54.0           | 10.20       | AV       | 65.00          | 200         | Vertical | Pass    |
| 5   | 12475.213       | 53.11            | 74.0           | 20.89       | Peak     | 178.00         | 150         | Vertical | Pass    |
| 5** | 12475.213       | 45.05            | 54.0           | 8.95        | AV       | 178.00         | 150         | Vertical | Pass    |
| 6   | 16089.000       | 54.20            | 74.0           | 19.80       | Peak     | 322.00         | 300         | Vertical | Pass    |
| 6** | 16089.000       | 44.62            | 54.0           | 9.38        | AV       | 322.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1601.700        | 38.60            | 74.0           | 35.40       | Peak     | 169.00         | 400         | Horizontal | Pass    |
| 1** | 1601.700        | 29.06            | 54.0           | 24.94       | AV       | 169.00         | 400         | Horizontal | Pass    |
| 2   | 3786.750        | 44.75            | 74.0           | 29.25       | Peak     | 234.00         | 100         | Horizontal | Pass    |
| 2** | 3786.750        | 47.60            | 54.0           | 6.40        | AV       | 234.00         | 100         | Horizontal | Pass    |
| 3   | 5298.750        | 106.49           | --             | --          | Peak     | 254.00         | 100         | Horizontal | N/A     |
| 3** | 5298.750        | 98.85            | --             | --          | AV       | 254.00         | 100         | Horizontal | N/A     |
| 4   | 7418.750        | 53.73            | 74.0           | 20.27       | Peak     | 234.00         | 300         | Horizontal | Pass    |
| 4** | 7418.750        | 43.54            | 54.0           | 10.46       | AV       | 234.00         | 300         | Horizontal | Pass    |
| 5   | 12496.113       | 53.45            | 74.0           | 20.55       | Peak     | 28.00          | 200         | Horizontal | Pass    |
| 5** | 12496.113       | 43.90            | 54.0           | 10.10       | AV       | 28.00          | 200         | Horizontal | Pass    |
| 6   | 15678.188       | 53.67            | 74.0           | 20.33       | Peak     | 302.00         | 100         | Horizontal | Pass    |
| 6** | 15678.188       | 43.27            | 54.0           | 10.73       | AV       | 302.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1563.100        | 39.77            | 74.0           | 34.23       | Peak     | 136.00         | 400         | Vertical | Pass    |
| 1** | 1563.100        | 29.28            | 54.0           | 24.72       | AV       | 136.00         | 400         | Vertical | Pass    |
| 2   | 3787.000        | 46.20            | 74.0           | 27.80       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 2** | 3787.000        | 44.63            | 54.0           | 9.37        | AV       | 360.00         | 100         | Vertical | Pass    |
| 3   | 5297.500        | 99.63            | --             | --          | Peak     | 0.00           | 100         | Vertical | N/A     |
| 3** | 5297.500        | 91.58            | --             | --          | AV       | 0.00           | 100         | Vertical | N/A     |
| 4   | 7489.000        | 53.14            | 74.0           | 20.86       | Peak     | 360.00         | 300         | Vertical | Pass    |
| 4** | 7489.000        | 44.00            | 54.0           | 10.00       | AV       | 360.00         | 300         | Vertical | Pass    |
| 5   | 12493.025       | 54.50            | 74.0           | 19.50       | Peak     | 234.00         | 200         | Vertical | Pass    |
| 5** | 12493.025       | 44.38            | 54.0           | 9.62        | AV       | 234.00         | 200         | Vertical | Pass    |
| 6   | 16091.099       | 53.99            | 74.0           | 20.01       | Peak     | 280.00         | 400         | Vertical | Pass    |
| 6** | 16091.099       | 44.33            | 54.0           | 9.67        | AV       | 280.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1527.800        | 38.11            | 74.0           | 35.89       | Peak     | 31.00          | 300         | Horizontal | Pass    |
| 1** | 1527.800        | 28.60            | 54.0           | 25.40       | AV       | 31.00          | 300         | Horizontal | Pass    |
| 2   | 3786.250        | 43.80            | 74.0           | 30.20       | Peak     | 212.00         | 100         | Horizontal | Pass    |
| 2** | 3786.250        | 43.89            | 54.0           | 10.11       | AV       | 212.00         | 100         | Horizontal | Pass    |
| 3   | 5322.000        | 106.26           | --             | --          | Peak     | 251.00         | 150         | Horizontal | N/A     |
| 3** | 5322.000        | 98.56            | --             | --          | AV       | 251.00         | 150         | Horizontal | N/A     |
| 4   | 7418.000        | 53.62            | 74.0           | 20.38       | Peak     | 92.00          | 200         | Horizontal | Pass    |
| 4** | 7418.000        | 44.09            | 54.0           | 9.91        | AV       | 92.00          | 200         | Horizontal | Pass    |
| 5   | 12514.875       | 53.39            | 74.0           | 20.61       | Peak     | 142.00         | 200         | Horizontal | Pass    |
| 5** | 12514.875       | 44.46            | 54.0           | 9.54        | AV       | 142.00         | 200         | Horizontal | Pass    |
| 6   | 15915.487       | 54.29            | 74.0           | 19.71       | Peak     | 144.00         | 400         | Horizontal | Pass    |
| 6** | 15915.487       | 45.77            | 54.0           | 8.23        | AV       | 144.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1494.200        | 39.98            | 74.0           | 34.02       | Peak     | 141.00         | 200         | Vertical | Pass    |
| 1** | 1494.200        | 29.71            | 54.0           | 24.29       | AV       | 141.00         | 200         | Vertical | Pass    |
| 2   | 4321.000        | 47.75            | 74.0           | 26.25       | Peak     | 70.00          | 300         | Vertical | Pass    |
| 2** | 4321.000        | 38.91            | 54.0           | 15.09       | AV       | 70.00          | 300         | Vertical | Pass    |
| 3   | 5321.500        | 99.51            | --             | --          | Peak     | 167.00         | 150         | Vertical | N/A     |
| 3** | 5321.500        | 92.89            | --             | --          | AV       | 167.00         | 150         | Vertical | N/A     |
| 4   | 7374.500        | 53.37            | 74.0           | 20.63       | Peak     | 91.00          | 300         | Vertical | Pass    |
| 4** | 7374.500        | 43.17            | 54.0           | 10.83       | AV       | 91.00          | 300         | Vertical | Pass    |
| 5   | 12459.775       | 52.96            | 74.0           | 21.04       | Peak     | 261.00         | 100         | Vertical | Pass    |
| 5** | 12459.775       | 44.35            | 54.0           | 9.65        | AV       | 261.00         | 100         | Vertical | Pass    |
| 6   | 15893.701       | 53.65            | 74.0           | 20.35       | Peak     | 144.00         | 200         | Vertical | Pass    |
| 6** | 15893.701       | 44.66            | 54.0           | 9.34        | AV       | 144.00         | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1595.600        | 38.55            | 74.0           | 35.45       | Peak     | 132.00         | 100         | Horizontal | Pass    |
| 1** | 1595.600        | 28.59            | 54.0           | 25.41       | AV       | 132.00         | 100         | Horizontal | Pass    |
| 2   | 4120.250        | 47.55            | 74.0           | 26.45       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 2** | 4120.250        | 37.75            | 54.0           | 16.25       | AV       | 360.00         | 200         | Horizontal | Pass    |
| 3   | 5261.750        | 107.28           | --             | --          | Peak     | 144.00         | 200         | Horizontal | N/A     |
| 3** | 5261.750        | 99.95            | --             | --          | AV       | 144.00         | 200         | Horizontal | N/A     |
| 4   | 7618.250        | 53.59            | 74.0           | 20.41       | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 4** | 7618.250        | 43.69            | 54.0           | 10.31       | AV       | 360.00         | 400         | Horizontal | Pass    |
| 5   | 12454.313       | 53.16            | 74.0           | 20.84       | Peak     | 285.00         | 100         | Horizontal | Pass    |
| 5** | 12454.313       | 44.13            | 54.0           | 9.87        | AV       | 285.00         | 100         | Horizontal | Pass    |
| 6   | 15904.987       | 53.79            | 74.0           | 20.21       | Peak     | 57.00          | 400         | Horizontal | Pass    |
| 6** | 15904.987       | 44.95            | 54.0           | 9.05        | AV       | 57.00          | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1619.300        | 39.23            | 74.0           | 34.77       | Peak     | 118.00         | 400         | Vertical | Pass    |
| 1** | 1619.300        | 29.93            | 54.0           | 24.07       | AV       | 118.00         | 400         | Vertical | Pass    |
| 2   | 3786.500        | 51.60            | 74.0           | 22.40       | Peak     | 145.00         | 100         | Vertical | Pass    |
| 2** | 3786.500        | 47.98            | 54.0           | 6.02        | AV       | 145.00         | 100         | Vertical | Pass    |
| 3   | 5262.000        | 98.23            | --             | --          | Peak     | 184.00         | 200         | Vertical | N/A     |
| 3** | 5262.000        | 91.95            | --             | --          | AV       | 184.00         | 200         | Vertical | N/A     |
| 4   | 7594.750        | 53.09            | 74.0           | 20.91       | Peak     | 223.00         | 200         | Vertical | Pass    |
| 4** | 7594.750        | 44.55            | 54.0           | 9.45        | AV       | 223.00         | 200         | Vertical | Pass    |
| 5   | 12535.775       | 54.15            | 74.0           | 19.85       | Peak     | 174.00         | 100         | Vertical | Pass    |
| 5** | 12535.775       | 43.93            | 54.0           | 10.07       | AV       | 174.00         | 100         | Vertical | Pass    |
| 6   | 16153.312       | 53.43            | 74.0           | 20.57       | Peak     | 30.00          | 400         | Vertical | Pass    |
| 6** | 16153.312       | 44.48            | 54.0           | 9.52        | AV       | 30.00          | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1609.500        | 38.37            | 74.0           | 35.63       | Peak     | 240.00         | 400         | Horizontal | Pass    |
| 1** | 1609.500        | 29.13            | 54.0           | 24.87       | AV       | 240.00         | 400         | Horizontal | Pass    |
| 2   | 4338.500        | 47.34            | 74.0           | 26.66       | Peak     | 0.00           | 300         | Horizontal | Pass    |
| 2** | 4338.500        | 37.86            | 54.0           | 16.14       | AV       | 0.00           | 300         | Horizontal | Pass    |
| 3   | 5302.750        | 107.15           | --             | --          | Peak     | 118.00         | 150         | Horizontal | N/A     |
| 3** | 5302.750        | 98.36            | --             | --          | AV       | 118.00         | 150         | Horizontal | N/A     |
| 4   | 7359.750        | 54.35            | 74.0           | 19.65       | Peak     | 312.00         | 300         | Horizontal | Pass    |
| 4** | 7359.750        | 44.20            | 54.0           | 9.80        | AV       | 312.00         | 300         | Horizontal | Pass    |
| 5   | 12441.250       | 53.12            | 74.0           | 20.88       | Peak     | 178.00         | 100         | Horizontal | Pass    |
| 5** | 12441.250       | 43.92            | 54.0           | 10.08       | AV       | 178.00         | 100         | Horizontal | Pass    |
| 6   | 16088.212       | 54.01            | 74.0           | 19.99       | Peak     | 265.00         | 100         | Horizontal | Pass    |
| 6** | 16088.212       | 44.85            | 54.0           | 9.15        | AV       | 265.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1495.800        | 40.19            | 74.0           | 33.81       | Peak     | 154.00         | 200         | Vertical | Pass    |
| 1** | 1495.800        | 30.72            | 54.0           | 23.28       | AV       | 154.00         | 200         | Vertical | Pass    |
| 2   | 4038.250        | 47.80            | 74.0           | 26.20       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 2** | 4038.250        | 38.01            | 54.0           | 15.99       | AV       | 360.00         | 100         | Vertical | Pass    |
| 3   | 5299.000        | 99.32            | --             | --          | Peak     | 277.00         | 200         | Vertical | N/A     |
| 3** | 5299.000        | 92.70            | --             | --          | AV       | 277.00         | 200         | Vertical | N/A     |
| 4   | 7253.750        | 53.27            | 74.0           | 20.73       | Peak     | 0.00           | 300         | Vertical | Pass    |
| 4** | 7253.750        | 43.44            | 54.0           | 10.56       | AV       | 0.00           | 300         | Vertical | Pass    |
| 5   | 12438.875       | 53.35            | 74.0           | 20.65       | Peak     | 65.00          | 150         | Vertical | Pass    |
| 5** | 12438.875       | 43.76            | 54.0           | 10.24       | AV       | 65.00          | 150         | Vertical | Pass    |
| 6   | 15899.475       | 54.20            | 74.0           | 19.80       | Peak     | 142.00         | 100         | Vertical | Pass    |
| 6** | 15899.475       | 45.02            | 54.0           | 8.98        | AV       | 142.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1620.700        | 38.78            | 74.0           | 35.22       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 1** | 1620.700        | 28.78            | 54.0           | 25.22       | AV       | 360.00         | 200         | Horizontal | Pass    |
| 2   | 3712.750        | 45.50            | 74.0           | 28.50       | Peak     | 269.00         | 100         | Horizontal | Pass    |
| 2** | 3712.750        | 43.35            | 54.0           | 10.65       | AV       | 269.00         | 100         | Horizontal | Pass    |
| 3   | 5321.750        | 105.99           | --             | --          | Peak     | 115.00         | 150         | Horizontal | N/A     |
| 3** | 5321.750        | 98.91            | --             | --          | AV       | 115.00         | 150         | Horizontal | N/A     |
| 4   | 7592.000        | 53.13            | 74.0           | 20.87       | Peak     | 18.00          | 400         | Horizontal | Pass    |
| 4** | 7592.000        | 44.80            | 54.0           | 9.20        | AV       | 18.00          | 400         | Horizontal | Pass    |
| 5   | 12528.175       | 53.44            | 74.0           | 20.56       | Peak     | 145.00         | 150         | Horizontal | Pass    |
| 5** | 12528.175       | 43.98            | 54.0           | 10.02       | AV       | 145.00         | 150         | Horizontal | Pass    |
| 6   | 16113.150       | 54.46            | 74.0           | 19.54       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 6** | 16113.150       | 44.60            | 54.0           | 9.40        | AV       | 360.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1533.200        | 38.91            | 74.0           | 35.09       | Peak     | 198.00         | 400         | Vertical | Pass    |
| 1** | 1533.200        | 29.11            | 54.0           | 24.89       | AV       | 198.00         | 400         | Vertical | Pass    |
| 2   | 3786.500        | 44.38            | 74.0           | 29.62       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 2** | 3786.500        | 42.06            | 54.0           | 11.94       | AV       | 0.00           | 100         | Vertical | Pass    |
| 3   | 5317.250        | 98.70            | --             | --          | Peak     | 291.00         | 100         | Vertical | N/A     |
| 3** | 5317.250        | 90.92            | --             | --          | AV       | 291.00         | 100         | Vertical | N/A     |
| 4   | 7363.750        | 53.64            | 74.0           | 20.36       | Peak     | 291.00         | 300         | Vertical | Pass    |
| 4** | 7363.750        | 43.86            | 54.0           | 10.14       | AV       | 291.00         | 300         | Vertical | Pass    |
| 5   | 12483.049       | 53.29            | 74.0           | 20.71       | Peak     | 86.00          | 200         | Vertical | Pass    |
| 5** | 12483.049       | 44.61            | 54.0           | 9.39        | AV       | 86.00          | 200         | Vertical | Pass    |
| 6   | 16136.250       | 54.22            | 74.0           | 19.78       | Peak     | 43.00          | 200         | Vertical | Pass    |
| 6** | 16136.250       | 45.66            | 54.0           | 8.34        | AV       | 43.00          | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1478.800        | 38.37            | 74.0           | 35.63       | Peak     | 192.00         | 100         | Horizontal | Pass    |
| 1** | 1478.800        | 28.34            | 54.0           | 25.66       | AV       | 192.00         | 100         | Horizontal | Pass    |
| 2   | 3787.250        | 48.55            | 74.0           | 25.45       | Peak     | 17.00          | 100         | Horizontal | Pass    |
| 2** | 3787.250        | 48.88            | 54.0           | 5.12        | AV       | 17.00          | 100         | Horizontal | Pass    |
| 3   | 5267.500        | 102.38           | --             | --          | Peak     | 116.00         | 150         | Horizontal | N/A     |
| 3** | 5267.500        | 95.44            | --             | --          | AV       | 116.00         | 150         | Horizontal | N/A     |
| 4   | 7425.500        | 53.07            | 74.0           | 20.93       | Peak     | 329.00         | 100         | Horizontal | Pass    |
| 4** | 7425.500        | 44.23            | 54.0           | 9.77        | AV       | 329.00         | 100         | Horizontal | Pass    |
| 5   | 12457.875       | 53.54            | 74.0           | 20.46       | Peak     | 31.00          | 150         | Horizontal | Pass    |
| 5** | 12457.875       | 43.94            | 54.0           | 10.06       | AV       | 31.00          | 150         | Horizontal | Pass    |
| 6   | 15412.799       | 53.48            | 74.0           | 20.52       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 6** | 15412.799       | 44.11            | 54.0           | 9.89        | AV       | 360.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1497.500        | 40.16            | 74.0           | 33.84       | Peak     | 154.00         | 300         | Vertical | Pass    |
| 1** | 1497.500        | 29.80            | 54.0           | 24.20       | AV       | 154.00         | 300         | Vertical | Pass    |
| 2   | 3861.500        | 44.20            | 74.0           | 29.80       | Peak     | 271.00         | 100         | Vertical | Pass    |
| 2** | 3861.500        | 42.92            | 54.0           | 11.08       | AV       | 271.00         | 100         | Vertical | Pass    |
| 3   | 5272.500        | 94.87            | --             | --          | Peak     | 14.00          | 150         | Vertical | N/A     |
| 3** | 5272.500        | 88.07            | --             | --          | AV       | 14.00          | 150         | Vertical | N/A     |
| 4   | 7360.000        | 53.15            | 74.0           | 20.85       | Peak     | 308.00         | 300         | Vertical | Pass    |
| 4** | 7360.000        | 44.02            | 54.0           | 9.98        | AV       | 308.00         | 300         | Vertical | Pass    |
| 5   | 12543.375       | 53.29            | 74.0           | 20.71       | Peak     | 193.00         | 150         | Vertical | Pass    |
| 5** | 12543.375       | 43.43            | 54.0           | 10.57       | AV       | 193.00         | 150         | Vertical | Pass    |
| 6   | 16149.900       | 54.46            | 74.0           | 19.54       | Peak     | 17.00          | 400         | Vertical | Pass    |
| 6** | 16149.900       | 44.60            | 54.0           | 9.40        | AV       | 17.00          | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1532.300        | 38.32            | 74.0           | 35.68       | Peak     | 8.00           | 400         | Horizontal | Pass    |
| 1** | 1532.300        | 28.72            | 54.0           | 25.28       | AV       | 8.00           | 400         | Horizontal | Pass    |
| 2   | 4399.750        | 47.80            | 74.0           | 26.20       | Peak     | 115.00         | 300         | Horizontal | Pass    |
| 2** | 4399.750        | 38.94            | 54.0           | 15.06       | AV       | 115.00         | 300         | Horizontal | Pass    |
| 3   | 5306.000        | 102.10           | --             | --          | Peak     | 115.00         | 150         | Horizontal | N/A     |
| 3** | 5306.000        | 95.04            | --             | --          | AV       | 115.00         | 150         | Horizontal | N/A     |
| 4   | 7595.000        | 53.11            | 74.0           | 20.89       | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 4** | 7595.000        | 44.32            | 54.0           | 9.68        | AV       | 0.00           | 400         | Horizontal | Pass    |
| 5   | 12522.474       | 52.95            | 74.0           | 21.05       | Peak     | 110.00         | 100         | Horizontal | Pass    |
| 5** | 12522.474       | 44.94            | 54.0           | 9.06        | AV       | 110.00         | 100         | Horizontal | Pass    |
| 6   | 15893.437       | 54.25            | 74.0           | 19.75       | Peak     | 138.00         | 200         | Horizontal | Pass    |
| 6** | 15893.437       | 45.14            | 54.0           | 8.86        | AV       | 138.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1488.200        | 40.59            | 74.0           | 33.41       | Peak     | 163.00         | 200         | Vertical | Pass    |
| 1** | 1488.200        | 28.87            | 54.0           | 25.13       | AV       | 163.00         | 200         | Vertical | Pass    |
| 2   | 3879.250        | 46.98            | 74.0           | 27.02       | Peak     | 354.00         | 200         | Vertical | Pass    |
| 2** | 3879.250        | 38.33            | 54.0           | 15.67       | AV       | 354.00         | 200         | Vertical | Pass    |
| 3   | 5306.500        | 94.18            | --             | --          | Peak     | 57.00          | 200         | Vertical | N/A     |
| 3** | 5306.500        | 88.11            | --             | --          | AV       | 57.00          | 200         | Vertical | N/A     |
| 4   | 7655.500        | 53.05            | 74.0           | 20.95       | Peak     | 0.00           | 300         | Vertical | Pass    |
| 4** | 7655.500        | 43.41            | 54.0           | 10.59       | AV       | 0.00           | 300         | Vertical | Pass    |
| 5   | 12523.900       | 53.58            | 74.0           | 20.42       | Peak     | 249.00         | 100         | Vertical | Pass    |
| 5** | 12523.900       | 45.31            | 54.0           | 8.69        | AV       | 249.00         | 100         | Vertical | Pass    |
| 6   | 15885.563       | 54.15            | 74.0           | 19.85       | Peak     | 308.00         | 400         | Vertical | Pass    |
| 6** | 15885.563       | 45.22            | 54.0           | 8.78        | AV       | 308.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1497.800        | 39.53            | 74.0           | 34.47       | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 1** | 1497.800        | 29.41            | 54.0           | 24.59       | AV       | 360.00         | 400         | Horizontal | Pass    |
| 2   | 3638.250        | 47.28            | 74.0           | 26.72       | Peak     | 4.00           | 100         | Horizontal | Pass    |
| 2** | 3638.250        | 45.88            | 54.0           | 8.12        | AV       | 4.00           | 100         | Horizontal | Pass    |
| 3   | 5259.250        | 107.99           | --             | --          | Peak     | 144.00         | 150         | Horizontal | N/A     |
| 3** | 5259.250        | 99.80            | --             | --          | AV       | 144.00         | 150         | Horizontal | N/A     |
| 4   | 7584.500        | 53.39            | 74.0           | 20.61       | Peak     | 123.00         | 100         | Horizontal | Pass    |
| 4** | 7584.500        | 44.29            | 54.0           | 9.71        | AV       | 123.00         | 100         | Horizontal | Pass    |
| 5   | 12525.799       | 54.04            | 74.0           | 19.96       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 5** | 12525.799       | 44.18            | 54.0           | 9.82        | AV       | 360.00         | 200         | Horizontal | Pass    |
| 6   | 15874.275       | 54.27            | 74.0           | 19.73       | Peak     | 40.00          | 400         | Horizontal | Pass    |
| 6** | 15874.275       | 43.97            | 54.0           | 10.03       | AV       | 40.00          | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1619.300        | 39.23            | 74.0           | 34.77       | Peak     | 118.00         | 400         | Vertical | Pass    |
| 1** | 1619.300        | 29.93            | 54.0           | 24.07       | AV       | 118.00         | 400         | Vertical | Pass    |
| 2   | 3786.500        | 51.60            | 74.0           | 22.40       | Peak     | 145.00         | 100         | Vertical | Pass    |
| 2** | 3786.500        | 47.98            | 54.0           | 6.02        | AV       | 145.00         | 100         | Vertical | Pass    |
| 3   | 5262.000        | 98.23            | --             | --          | Peak     | 184.00         | 200         | Vertical | N/A     |
| 3** | 5262.000        | 91.95            | --             | --          | AV       | 184.00         | 200         | Vertical | N/A     |
| 4   | 7594.750        | 53.09            | 74.0           | 20.91       | Peak     | 223.00         | 200         | Vertical | Pass    |
| 4** | 7594.750        | 44.55            | 54.0           | 9.45        | AV       | 223.00         | 200         | Vertical | Pass    |
| 5   | 12535.775       | 54.15            | 74.0           | 19.85       | Peak     | 174.00         | 100         | Vertical | Pass    |
| 5** | 12535.775       | 43.93            | 54.0           | 10.07       | AV       | 174.00         | 100         | Vertical | Pass    |
| 6   | 16153.312       | 53.43            | 74.0           | 20.57       | Peak     | 30.00          | 400         | Vertical | Pass    |
| 6** | 16153.312       | 44.48            | 54.0           | 9.52        | AV       | 30.00          | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1608.200        | 38.73            | 74.0           | 35.27       | Peak     | 6.00           | 100         | Horizontal | Pass    |
| 1** | 1608.200        | 28.87            | 54.0           | 25.13       | AV       | 6.00           | 100         | Horizontal | Pass    |
| 2   | 4357.750        | 47.90            | 74.0           | 26.10       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 2** | 4357.750        | 37.94            | 54.0           | 16.06       | AV       | 0.00           | 100         | Horizontal | Pass    |
| 3   | 5301.000        | 107.07           | --             | --          | Peak     | 113.00         | 200         | Horizontal | N/A     |
| 3** | 5301.000        | 99.19            | --             | --          | AV       | 113.00         | 200         | Horizontal | N/A     |
| 4   | 7422.250        | 53.22            | 74.0           | 20.78       | Peak     | 173.00         | 200         | Horizontal | Pass    |
| 4** | 7422.250        | 43.97            | 54.0           | 10.03       | AV       | 173.00         | 200         | Horizontal | Pass    |
| 5   | 12501.812       | 53.53            | 74.0           | 20.47       | Peak     | 302.00         | 200         | Horizontal | Pass    |
| 5** | 12501.812       | 44.29            | 54.0           | 9.71        | AV       | 302.00         | 200         | Horizontal | Pass    |
| 6   | 15900.262       | 55.14            | 74.0           | 18.86       | Peak     | 184.00         | 200         | Horizontal | Pass    |
| 6** | 15900.262       | 44.51            | 54.0           | 9.49        | AV       | 184.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1505.200        | 39.54            | 74.0           | 34.46       | Peak     | 48.00          | 200         | Vertical | Pass    |
| 1** | 1505.200        | 29.54            | 54.0           | 24.46       | AV       | 48.00          | 200         | Vertical | Pass    |
| 2   | 3638.250        | 45.12            | 74.0           | 28.88       | Peak     | 130.00         | 100         | Vertical | Pass    |
| 2** | 3638.250        | 43.70            | 54.0           | 10.30       | AV       | 130.00         | 100         | Vertical | Pass    |
| 3   | 5299.000        | 99.60            | --             | --          | Peak     | 271.00         | 200         | Vertical | N/A     |
| 3** | 5299.000        | 92.41            | --             | --          | AV       | 271.00         | 200         | Vertical | N/A     |
| 4   | 7649.500        | 53.08            | 74.0           | 20.92       | Peak     | 130.00         | 300         | Vertical | Pass    |
| 4** | 7649.500        | 43.47            | 54.0           | 10.53       | AV       | 130.00         | 300         | Vertical | Pass    |
| 5   | 12503.950       | 53.55            | 74.0           | 20.45       | Peak     | 360.00         | 150         | Vertical | Pass    |
| 5** | 12503.950       | 44.41            | 54.0           | 9.59        | AV       | 360.00         | 150         | Vertical | Pass    |
| 6   | 15890.813       | 54.92            | 74.0           | 19.08       | Peak     | 354.00         | 400         | Vertical | Pass    |
| 6** | 15890.813       | 44.85            | 54.0           | 9.15        | AV       | 354.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1619.100        | 38.60            | 74.0           | 35.40       | Peak     | 6.00           | 100         | Horizontal | Pass    |
| 1** | 1619.100        | 28.61            | 54.0           | 25.39       | AV       | 6.00           | 100         | Horizontal | Pass    |
| 2   | 3861.500        | 43.99            | 74.0           | 30.01       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 2** | 3861.500        | 42.46            | 54.0           | 11.54       | AV       | 0.00           | 100         | Horizontal | Pass    |
| 3   | 5317.750        | 105.80           | --             | --          | Peak     | 124.00         | 150         | Horizontal | N/A     |
| 3** | 5317.750        | 98.51            | --             | --          | AV       | 124.00         | 150         | Horizontal | N/A     |
| 4   | 7601.000        | 54.03            | 74.0           | 19.97       | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 4** | 7601.000        | 44.80            | 54.0           | 9.20        | AV       | 360.00         | 400         | Horizontal | Pass    |
| 5   | 12536.487       | 53.49            | 74.0           | 20.51       | Peak     | 235.00         | 200         | Horizontal | Pass    |
| 5** | 12536.487       | 43.75            | 54.0           | 10.25       | AV       | 235.00         | 200         | Horizontal | Pass    |
| 6   | 15911.550       | 54.18            | 74.0           | 19.82       | Peak     | 157.00         | 100         | Horizontal | Pass    |
| 6** | 15911.550       | 45.16            | 54.0           | 8.84        | AV       | 157.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1542.700        | 38.95            | 74.0           | 35.05       | Peak     | 224.00         | 400         | Vertical | Pass    |
| 1** | 1542.700        | 28.99            | 54.0           | 25.01       | AV       | 224.00         | 400         | Vertical | Pass    |
| 2   | 3786.750        | 47.93            | 74.0           | 26.07       | Peak     | 232.00         | 100         | Vertical | Pass    |
| 2** | 3786.750        | 46.14            | 54.0           | 7.86        | AV       | 232.00         | 100         | Vertical | Pass    |
| 3   | 5324.250        | 99.16            | --             | --          | Peak     | 290.00         | 150         | Vertical | N/A     |
| 3** | 5324.250        | 90.91            | --             | --          | AV       | 290.00         | 150         | Vertical | N/A     |
| 4   | 7354.750        | 53.63            | 74.0           | 20.37       | Peak     | 271.00         | 100         | Vertical | Pass    |
| 4** | 7354.750        | 43.52            | 54.0           | 10.48       | AV       | 271.00         | 100         | Vertical | Pass    |
| 5   | 12520.575       | 54.37            | 74.0           | 19.63       | Peak     | 117.00         | 200         | Vertical | Pass    |
| 5** | 12520.575       | 44.12            | 54.0           | 9.88        | AV       | 117.00         | 200         | Vertical | Pass    |
| 6   | 16125.225       | 54.72            | 74.0           | 19.28       | Peak     | 360.00         | 400         | Vertical | Pass    |
| 6** | 16125.225       | 46.26            | 54.0           | 7.74        | AV       | 360.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1498.000        | 38.90            | 74.0           | 35.10       | Peak     | 200.00         | 200         | Horizontal | Pass    |
| 1** | 1498.000        | 29.50            | 54.0           | 24.50       | AV       | 200.00         | 200         | Horizontal | Pass    |
| 2   | 4017.750        | 47.90            | 74.0           | 26.10       | Peak     | 191.00         | 400         | Horizontal | Pass    |
| 2** | 4017.750        | 36.59            | 54.0           | 17.41       | AV       | 191.00         | 400         | Horizontal | Pass    |
| 3   | 5276.250        | 102.72           | --             | --          | Peak     | 251.00         | 100         | Horizontal | N/A     |
| 3** | 5276.250        | 94.81            | --             | --          | AV       | 251.00         | 100         | Horizontal | N/A     |
| 4   | 7313.250        | 53.46            | 74.0           | 20.54       | Peak     | 212.00         | 200         | Horizontal | Pass    |
| 4** | 7313.250        | 44.03            | 54.0           | 9.97        | AV       | 212.00         | 200         | Horizontal | Pass    |
| 5   | 12453.363       | 53.58            | 74.0           | 20.42       | Peak     | 273.00         | 200         | Horizontal | Pass    |
| 5** | 12453.363       | 44.18            | 54.0           | 9.82        | AV       | 273.00         | 200         | Horizontal | Pass    |
| 6   | 16112.625       | 54.14            | 74.0           | 19.86       | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 6** | 16112.625       | 44.90            | 54.0           | 9.10        | AV       | 360.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1498.200        | 39.66            | 74.0           | 34.34       | Peak     | 127.00         | 200         | Vertical | Pass    |
| 1** | 1498.200        | 29.63            | 54.0           | 24.37       | AV       | 127.00         | 200         | Vertical | Pass    |
| 2   | 4334.000        | 47.69            | 74.0           | 26.31       | Peak     | 252.00         | 200         | Vertical | Pass    |
| 2** | 4334.000        | 38.35            | 54.0           | 15.65       | AV       | 252.00         | 200         | Vertical | Pass    |
| 3   | 5273.500        | 94.97            | --             | --          | Peak     | 154.00         | 150         | Vertical | N/A     |
| 3** | 5273.500        | 87.72            | --             | --          | AV       | 154.00         | 150         | Vertical | N/A     |
| 4   | 7305.750        | 53.14            | 74.0           | 20.86       | Peak     | 329.00         | 400         | Vertical | Pass    |
| 4** | 7305.750        | 43.27            | 54.0           | 10.73       | AV       | 329.00         | 400         | Vertical | Pass    |
| 5   | 12536.724       | 52.98            | 74.0           | 21.02       | Peak     | 209.00         | 100         | Vertical | Pass    |
| 5** | 12536.724       | 43.86            | 54.0           | 10.14       | AV       | 209.00         | 100         | Vertical | Pass    |
| 6   | 15937.800       | 53.85            | 74.0           | 20.15       | Peak     | 329.00         | 100         | Vertical | Pass    |
| 6** | 15937.800       | 42.91            | 54.0           | 11.09       | AV       | 329.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1520.000        | 38.72            | 74.0           | 35.28       | Peak     | 207.00         | 300         | Horizontal | Pass    |
| 1** | 1520.000        | 28.24            | 54.0           | 25.76       | AV       | 207.00         | 300         | Horizontal | Pass    |
| 2   | 3787.250        | 47.48            | 74.0           | 26.52       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 2** | 3787.250        | 49.11            | 54.0           | 4.89        | AV       | 360.00         | 100         | Horizontal | Pass    |
| 3   | 5306.750        | 101.90           | --             | --          | Peak     | 116.00         | 100         | Horizontal | N/A     |
| 3** | 5306.750        | 95.11            | --             | --          | AV       | 116.00         | 100         | Horizontal | N/A     |
| 4   | 7604.250        | 53.58            | 74.0           | 20.42       | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 4** | 7604.250        | 44.43            | 54.0           | 9.57        | AV       | 360.00         | 300         | Horizontal | Pass    |
| 5   | 12503.713       | 53.51            | 74.0           | 20.49       | Peak     | 287.00         | 200         | Horizontal | Pass    |
| 5** | 12503.713       | 44.14            | 54.0           | 9.86        | AV       | 287.00         | 200         | Horizontal | Pass    |
| 6   | 16097.401       | 54.76            | 74.0           | 19.24       | Peak     | 51.00          | 100         | Horizontal | Pass    |
| 6** | 16097.401       | 44.63            | 54.0           | 9.37        | AV       | 51.00          | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1498.500        | 39.11            | 74.0           | 34.89       | Peak     | 156.00         | 200         | Vertical | Pass    |
| 1** | 1498.500        | 30.21            | 54.0           | 23.79       | AV       | 156.00         | 200         | Vertical | Pass    |
| 2   | 3787.500        | 44.34            | 74.0           | 29.66       | Peak     | 155.00         | 100         | Vertical | Pass    |
| 2** | 3787.500        | 43.70            | 54.0           | 10.30       | AV       | 155.00         | 100         | Vertical | Pass    |
| 3   | 5305.500        | 95.42            | --             | --          | Peak     | 57.00          | 200         | Vertical | N/A     |
| 3** | 5305.500        | 87.78            | --             | --          | AV       | 57.00          | 200         | Vertical | N/A     |
| 4   | 7711.500        | 53.02            | 74.0           | 20.98       | Peak     | 331.00         | 200         | Vertical | Pass    |
| 4** | 7711.500        | 43.58            | 54.0           | 10.42       | AV       | 331.00         | 200         | Vertical | Pass    |
| 5   | 12514.875       | 53.28            | 74.0           | 20.72       | Peak     | 302.00         | 100         | Vertical | Pass    |
| 5** | 12514.875       | 43.83            | 54.0           | 10.17       | AV       | 302.00         | 100         | Vertical | Pass    |
| 6   | 15663.750       | 53.87            | 74.0           | 20.13       | Peak     | 263.00         | 100         | Vertical | Pass    |
| 6** | 15663.750       | 44.59            | 54.0           | 9.41        | AV       | 263.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1446.600        | 38.47            | 74.0           | 35.53       | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 1** | 1446.600        | 28.92            | 54.0           | 25.08       | AV       | 360.00         | 300         | Horizontal | Pass    |
| 2   | 3787.000        | 44.06            | 74.0           | 29.94       | Peak     | 354.00         | 100         | Horizontal | Pass    |
| 2** | 3787.000        | 47.54            | 54.0           | 6.46        | AV       | 354.00         | 100         | Horizontal | Pass    |
| 3   | 5283.250        | 99.01            | --             | --          | Peak     | 251.00         | 100         | Horizontal | N/A     |
| 3** | 5283.250        | 90.63            | --             | --          | AV       | 251.00         | 100         | Horizontal | N/A     |
| 4   | 7355.500        | 54.17            | 74.0           | 19.83       | Peak     | 57.00          | 400         | Horizontal | Pass    |
| 4** | 7355.500        | 44.59            | 54.0           | 9.41        | AV       | 57.00          | 400         | Horizontal | Pass    |
| 5   | 12531.974       | 53.38            | 74.0           | 20.62       | Peak     | 222.00         | 100         | Horizontal | Pass    |
| 5** | 12531.974       | 44.01            | 54.0           | 9.99        | AV       | 222.00         | 100         | Horizontal | Pass    |
| 6   | 16109.475       | 54.41            | 74.0           | 19.59       | Peak     | 283.00         | 400         | Horizontal | Pass    |
| 6** | 16109.475       | 44.49            | 54.0           | 9.51        | AV       | 283.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1496.100        | 39.52            | 74.0           | 34.48       | Peak     | 122.00         | 100         | Vertical | Pass    |
| 1** | 1496.100        | 32.40            | 54.0           | 21.60       | AV       | 122.00         | 100         | Vertical | Pass    |
| 2   | 4086.000        | 47.74            | 74.0           | 26.26       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 2** | 4086.000        | 37.75            | 54.0           | 16.25       | AV       | 0.00           | 100         | Vertical | Pass    |
| 3   | 5288.750        | 91.39            | --             | --          | Peak     | 0.00           | 150         | Vertical | N/A     |
| 3** | 5288.750        | 83.18            | --             | --          | AV       | 0.00           | 150         | Vertical | N/A     |
| 4   | 7603.250        | 53.82            | 74.0           | 20.18       | Peak     | 147.00         | 200         | Vertical | Pass    |
| 4** | 7603.250        | 43.88            | 54.0           | 10.12       | AV       | 147.00         | 200         | Vertical | Pass    |
| 5   | 12512.263       | 53.15            | 74.0           | 20.85       | Peak     | 207.00         | 150         | Vertical | Pass    |
| 5** | 12512.263       | 44.49            | 54.0           | 9.51        | AV       | 207.00         | 150         | Vertical | Pass    |
| 6   | 15428.025       | 54.22            | 74.0           | 19.78       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 6** | 15428.025       | 43.64            | 54.0           | 10.36       | AV       | 360.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1592.600        | 38.72            | 74.0           | 35.28       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 1** | 1592.600        | 28.77            | 54.0           | 25.23       | AV       | 360.00         | 200         | Horizontal | Pass    |
| 2   | 3787.750        | 43.71            | 74.0           | 30.29       | Peak     | 53.00          | 100         | Horizontal | Pass    |
| 2** | 3787.750        | 43.27            | 54.0           | 10.73       | AV       | 53.00          | 100         | Horizontal | Pass    |
| 3   | 5499.000        | 105.47           | --             | --          | Peak     | 92.00          | 150         | Horizontal | N/A     |
| 3** | 5499.000        | 99.14            | --             | --          | AV       | 92.00          | 150         | Horizontal | N/A     |
| 4   | 7485.500        | 53.57            | 74.0           | 20.43       | Peak     | 14.00          | 400         | Horizontal | Pass    |
| 4** | 7485.500        | 43.99            | 54.0           | 10.01       | AV       | 14.00          | 400         | Horizontal | Pass    |
| 5   | 12507.987       | 53.67            | 74.0           | 20.33       | Peak     | 334.00         | 200         | Horizontal | Pass    |
| 5** | 12507.987       | 44.15            | 54.0           | 9.85        | AV       | 334.00         | 200         | Horizontal | Pass    |
| 6   | 16034.925       | 54.15            | 74.0           | 19.85       | Peak     | 45.00          | 300         | Horizontal | Pass    |
| 6** | 16034.925       | 43.73            | 54.0           | 10.27       | AV       | 45.00          | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1440.400        | 39.42            | 74.0           | 34.58       | Peak     | 209.00         | 200         | Vertical | Pass    |
| 1** | 1440.400        | 29.19            | 54.0           | 24.81       | AV       | 209.00         | 200         | Vertical | Pass    |
| 2   | 4348.750        | 47.81            | 74.0           | 26.19       | Peak     | 350.00         | 400         | Vertical | Pass    |
| 2** | 4348.750        | 38.15            | 54.0           | 15.85       | AV       | 350.00         | 400         | Vertical | Pass    |
| 3   | 5498.750        | 99.36            | --             | --          | Peak     | 151.00         | 150         | Vertical | N/A     |
| 3** | 5498.750        | 91.57            | --             | --          | AV       | 151.00         | 150         | Vertical | N/A     |
| 4   | 7430.000        | 52.92            | 74.0           | 21.08       | Peak     | 350.00         | 400         | Vertical | Pass    |
| 4** | 7430.000        | 44.17            | 54.0           | 9.83        | AV       | 350.00         | 400         | Vertical | Pass    |
| 5   | 12406.100       | 53.22            | 74.0           | 20.78       | Peak     | 7.00           | 200         | Vertical | Pass    |
| 5** | 12406.100       | 43.98            | 54.0           | 10.02       | AV       | 7.00           | 200         | Vertical | Pass    |
| 6   | 16096.349       | 54.80            | 74.0           | 19.20       | Peak     | 95.00          | 200         | Vertical | Pass    |
| 6** | 16096.349       | 44.67            | 54.0           | 9.33        | AV       | 95.00          | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1618.300        | 38.38            | 74.0           | 35.62       | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 1** | 1618.300        | 29.63            | 54.0           | 24.37       | AV       | 360.00         | 300         | Horizontal | Pass    |
| 2   | 3861.500        | 44.71            | 74.0           | 29.29       | Peak     | 80.00          | 100         | Horizontal | Pass    |
| 2** | 3861.500        | 43.33            | 54.0           | 10.67       | AV       | 80.00          | 100         | Horizontal | Pass    |
| 3   | 5581.250        | 105.68           | --             | --          | Peak     | 142.00         | 200         | Horizontal | N/A     |
| 3** | 5581.250        | 98.76            | --             | --          | AV       | 142.00         | 200         | Horizontal | N/A     |
| 4   | 7351.500        | 53.15            | 74.0           | 20.85       | Peak     | 223.00         | 100         | Horizontal | Pass    |
| 4** | 7351.500        | 43.93            | 54.0           | 10.07       | AV       | 223.00         | 100         | Horizontal | Pass    |
| 5   | 12485.662       | 52.83            | 74.0           | 21.17       | Peak     | 137.00         | 100         | Horizontal | Pass    |
| 5** | 12485.662       | 44.14            | 54.0           | 9.86        | AV       | 137.00         | 100         | Horizontal | Pass    |
| 6   | 15832.537       | 54.35            | 74.0           | 19.65       | Peak     | 15.00          | 200         | Horizontal | Pass    |
| 6** | 15832.537       | 44.04            | 54.0           | 9.96        | AV       | 15.00          | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1516.500        | 38.68            | 74.0           | 35.32       | Peak     | 173.00         | 300         | Vertical | Pass    |
| 1** | 1516.500        | 29.56            | 54.0           | 24.44       | AV       | 173.00         | 300         | Vertical | Pass    |
| 2   | 4034.750        | 48.62            | 74.0           | 25.38       | Peak     | 121.00         | 100         | Vertical | Pass    |
| 2** | 4034.750        | 37.36            | 54.0           | 16.64       | AV       | 121.00         | 100         | Vertical | Pass    |
| 3   | 5578.000        | 98.86            | --             | --          | Peak     | 142.00         | 150         | Vertical | N/A     |
| 3** | 5578.000        | 90.28            | --             | --          | AV       | 142.00         | 150         | Vertical | N/A     |
| 4   | 7593.250        | 53.95            | 74.0           | 20.05       | Peak     | 101.00         | 200         | Vertical | Pass    |
| 4** | 7593.250        | 44.24            | 54.0           | 9.76        | AV       | 101.00         | 200         | Vertical | Pass    |
| 5   | 12530.312       | 53.74            | 74.0           | 20.26       | Peak     | 7.00           | 150         | Vertical | Pass    |
| 5** | 12530.312       | 43.51            | 54.0           | 10.49       | AV       | 7.00           | 150         | Vertical | Pass    |
| 6   | 16120.237       | 53.81            | 74.0           | 20.19       | Peak     | 147.00         | 200         | Vertical | Pass    |
| 6** | 16120.237       | 44.91            | 54.0           | 9.09        | AV       | 147.00         | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1604.300        | 38.31            | 74.0           | 35.69       | Peak     | 316.00         | 100         | Horizontal | Pass    |
| 1** | 1604.300        | 28.54            | 54.0           | 25.46       | AV       | 316.00         | 100         | Horizontal | Pass    |
| 2   | 3786.500        | 43.55            | 74.0           | 30.45       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 2** | 3786.500        | 44.46            | 54.0           | 9.54        | AV       | 0.00           | 100         | Horizontal | Pass    |
| 3   | 5701.750        | 105.26           | --             | --          | Peak     | 140.00         | 200         | Horizontal | N/A     |
| 3** | 5701.750        | 97.57            | --             | --          | AV       | 140.00         | 200         | Horizontal | N/A     |
| 4   | 7358.750        | 53.69            | 74.0           | 20.31       | Peak     | 120.00         | 400         | Horizontal | Pass    |
| 4** | 7358.750        | 43.93            | 54.0           | 10.07       | AV       | 120.00         | 400         | Horizontal | Pass    |
| 5   | 12481.388       | 53.61            | 74.0           | 20.39       | Peak     | 217.00         | 100         | Horizontal | Pass    |
| 5** | 12481.388       | 43.89            | 54.0           | 10.11       | AV       | 217.00         | 100         | Horizontal | Pass    |
| 6   | 15890.550       | 54.35            | 74.0           | 19.65       | Peak     | 17.00          | 300         | Horizontal | Pass    |
| 6** | 15890.550       | 45.16            | 54.0           | 8.84        | AV       | 17.00          | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1496.300        | 39.40            | 74.0           | 34.60       | Peak     | 147.00         | 200         | Vertical | Pass    |
| 1** | 1496.300        | 30.07            | 54.0           | 23.93       | AV       | 147.00         | 200         | Vertical | Pass    |
| 2   | 3638.750        | 46.16            | 74.0           | 27.84       | Peak     | 353.00         | 100         | Vertical | Pass    |
| 2** | 3638.750        | 44.26            | 54.0           | 9.74        | AV       | 353.00         | 100         | Vertical | Pass    |
| 3   | 5699.000        | 98.09            | --             | --          | Peak     | 28.00          | 200         | Vertical | N/A     |
| 3** | 5699.000        | 90.03            | --             | --          | AV       | 28.00          | 200         | Vertical | N/A     |
| 4   | 7604.500        | 54.07            | 74.0           | 19.93       | Peak     | 0.00           | 200         | Vertical | Pass    |
| 4** | 7604.500        | 44.17            | 54.0           | 9.83        | AV       | 0.00           | 200         | Vertical | Pass    |
| 5   | 12544.088       | 53.71            | 74.0           | 20.29       | Peak     | 168.00         | 150         | Vertical | Pass    |
| 5** | 12544.088       | 43.90            | 54.0           | 10.10       | AV       | 168.00         | 150         | Vertical | Pass    |
| 6   | 15631.988       | 54.39            | 74.0           | 19.61       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 6** | 15631.988       | 43.42            | 54.0           | 10.58       | AV       | 360.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1497.100        | 38.53            | 74.0           | 35.47       | Peak     | 8.00           | 200         | Horizontal | Pass    |
| 1** | 1497.100        | 29.03            | 54.0           | 24.97       | AV       | 8.00           | 200         | Horizontal | Pass    |
| 2   | 3787.000        | 50.46            | 74.0           | 23.54       | Peak     | 271.00         | 100         | Horizontal | Pass    |
| 2** | 3787.000        | 45.93            | 54.0           | 8.07        | AV       | 271.00         | 100         | Horizontal | Pass    |
| 3   | 5498.500        | 105.38           | --             | --          | Peak     | 94.00          | 100         | Horizontal | N/A     |
| 3** | 5498.500        | 98.72            | --             | --          | AV       | 94.00          | 100         | Horizontal | N/A     |
| 4   | 7587.500        | 53.10            | 74.0           | 20.90       | Peak     | 13.00          | 400         | Horizontal | Pass    |
| 4** | 7587.500        | 43.97            | 54.0           | 10.03       | AV       | 13.00          | 400         | Horizontal | Pass    |
| 5   | 12529.599       | 53.65            | 74.0           | 20.35       | Peak     | 111.00         | 200         | Horizontal | Pass    |
| 5** | 12529.599       | 44.80            | 54.0           | 9.20        | AV       | 111.00         | 200         | Horizontal | Pass    |
| 6   | 15919.950       | 54.10            | 74.0           | 19.90       | Peak     | 133.00         | 400         | Horizontal | Pass    |
| 6** | 15919.950       | 45.11            | 54.0           | 8.89        | AV       | 133.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1626.400        | 39.00            | 74.0           | 35.00       | Peak     | 8.00           | 400         | Vertical | Pass    |
| 1** | 1626.400        | 29.68            | 54.0           | 24.32       | AV       | 8.00           | 400         | Vertical | Pass    |
| 2   | 3638.000        | 47.06            | 74.0           | 26.94       | Peak     | 353.00         | 100         | Vertical | Pass    |
| 2** | 3638.000        | 43.41            | 54.0           | 10.59       | AV       | 353.00         | 100         | Vertical | Pass    |
| 3   | 5496.750        | 98.77            | --             | --          | Peak     | 150.00         | 100         | Vertical | N/A     |
| 3** | 5496.750        | 90.83            | --             | --          | AV       | 150.00         | 100         | Vertical | N/A     |
| 4   | 7354.000        | 52.88            | 74.0           | 21.12       | Peak     | 249.00         | 300         | Vertical | Pass    |
| 4** | 7354.000        | 44.01            | 54.0           | 9.99        | AV       | 249.00         | 300         | Vertical | Pass    |
| 5   | 12452.650       | 53.11            | 74.0           | 20.89       | Peak     | 6.00           | 200         | Vertical | Pass    |
| 5** | 12452.650       | 43.58            | 54.0           | 10.42       | AV       | 6.00           | 200         | Vertical | Pass    |
| 6   | 16146.224       | 53.84            | 74.0           | 20.16       | Peak     | 185.00         | 300         | Vertical | Pass    |
| 6** | 16146.224       | 44.72            | 54.0           | 9.28        | AV       | 185.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1626.200        | 38.77            | 74.0           | 35.23       | Peak     | 124.00         | 100         | Horizontal | Pass    |
| 1** | 1626.200        | 29.75            | 54.0           | 24.25       | AV       | 124.00         | 100         | Horizontal | Pass    |
| 2   | 3637.750        | 47.78            | 74.0           | 26.22       | Peak     | 266.00         | 400         | Horizontal | Pass    |
| 2** | 3637.750        | 36.49            | 54.0           | 17.51       | AV       | 266.00         | 400         | Horizontal | Pass    |
| 3   | 5581.000        | 106.36           | --             | --          | Peak     | 126.00         | 100         | Horizontal | N/A     |
| 3** | 5581.000        | 98.68            | --             | --          | AV       | 126.00         | 100         | Horizontal | N/A     |
| 4   | 7711.750        | 53.71            | 74.0           | 20.29       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 4** | 7711.750        | 43.75            | 54.0           | 10.25       | AV       | 0.00           | 100         | Horizontal | Pass    |
| 5   | 12526.750       | 52.84            | 74.0           | 21.16       | Peak     | 62.00          | 100         | Horizontal | Pass    |
| 5** | 12526.750       | 44.21            | 54.0           | 9.79        | AV       | 62.00          | 100         | Horizontal | Pass    |
| 6   | 16092.412       | 54.03            | 74.0           | 19.97       | Peak     | 199.00         | 400         | Horizontal | Pass    |
| 6** | 16092.412       | 44.91            | 54.0           | 9.09        | AV       | 199.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1608.400        | 38.43            | 74.0           | 35.57       | Peak     | 91.00          | 300         | Vertical | Pass    |
| 1** | 1608.400        | 29.41            | 54.0           | 24.59       | AV       | 91.00          | 300         | Vertical | Pass    |
| 2   | 3638.500        | 47.73            | 74.0           | 26.27       | Peak     | 196.00         | 100         | Vertical | Pass    |
| 2** | 3638.500        | 45.36            | 54.0           | 8.64        | AV       | 196.00         | 100         | Vertical | Pass    |
| 3   | 5581.500        | 99.07            | --             | --          | Peak     | 174.00         | 150         | Vertical | N/A     |
| 3** | 5581.500        | 91.59            | --             | --          | AV       | 174.00         | 150         | Vertical | N/A     |
| 4   | 7598.750        | 53.54            | 74.0           | 20.46       | Peak     | 257.00         | 200         | Vertical | Pass    |
| 4** | 7598.750        | 44.82            | 54.0           | 9.18        | AV       | 257.00         | 200         | Vertical | Pass    |
| 5   | 12482.813       | 52.95            | 74.0           | 21.05       | Peak     | 301.00         | 100         | Vertical | Pass    |
| 5** | 12482.813       | 44.27            | 54.0           | 9.73        | AV       | 301.00         | 100         | Vertical | Pass    |
| 6   | 16137.037       | 54.78            | 74.0           | 19.22       | Peak     | 290.00         | 400         | Vertical | Pass    |
| 6** | 16137.037       | 45.26            | 54.0           | 8.74        | AV       | 290.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1530.900        | 39.49            | 74.0           | 34.51       | Peak     | 144.00         | 200         | Horizontal | Pass    |
| 1** | 1530.900        | 30.06            | 54.0           | 23.94       | AV       | 144.00         | 200         | Horizontal | Pass    |
| 2   | 4327.750        | 47.21            | 74.0           | 26.79       | Peak     | 121.00         | 100         | Horizontal | Pass    |
| 2** | 4327.750        | 38.46            | 54.0           | 15.54       | AV       | 121.00         | 100         | Horizontal | Pass    |
| 3   | 5701.000        | 104.55           | --             | --          | Peak     | 101.00         | 100         | Horizontal | N/A     |
| 3** | 5701.000        | 97.61            | --             | --          | AV       | 101.00         | 100         | Horizontal | N/A     |
| 4   | 7600.250        | 53.00            | 74.0           | 21.00       | Peak     | 351.00         | 100         | Horizontal | Pass    |
| 4** | 7600.250        | 44.61            | 54.0           | 9.39        | AV       | 351.00         | 100         | Horizontal | Pass    |
| 5   | 12522.951       | 53.16            | 74.0           | 20.84       | Peak     | 144.00         | 150         | Horizontal | Pass    |
| 5** | 12522.951       | 44.05            | 54.0           | 9.95        | AV       | 144.00         | 150         | Horizontal | Pass    |
| 6   | 16121.550       | 54.32            | 74.0           | 19.68       | Peak     | 216.00         | 300         | Horizontal | Pass    |
| 6** | 16121.550       | 44.84            | 54.0           | 9.16        | AV       | 216.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1496.200        | 39.45            | 74.0           | 34.55       | Peak     | 198.00         | 100         | Vertical | Pass    |
| 1** | 1496.200        | 29.59            | 54.0           | 24.41       | AV       | 198.00         | 100         | Vertical | Pass    |
| 2   | 4327.500        | 47.60            | 74.0           | 26.40       | Peak     | 32.00          | 100         | Vertical | Pass    |
| 2** | 4327.500        | 38.46            | 54.0           | 15.54       | AV       | 32.00          | 100         | Vertical | Pass    |
| 3   | 5701.250        | 97.30            | --             | --          | Peak     | 192.00         | 100         | Vertical | N/A     |
| 3** | 5701.250        | 89.92            | --             | --          | AV       | 192.00         | 100         | Vertical | N/A     |
| 4   | 7365.750        | 53.72            | 74.0           | 20.28       | Peak     | 338.00         | 300         | Vertical | Pass    |
| 4** | 7365.750        | 43.92            | 54.0           | 10.08       | AV       | 338.00         | 300         | Vertical | Pass    |
| 5   | 12489.224       | 53.80            | 74.0           | 20.20       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 5** | 12489.224       | 44.22            | 54.0           | 9.78        | AV       | 360.00         | 100         | Vertical | Pass    |
| 6   | 16103.700       | 54.69            | 74.0           | 19.31       | Peak     | 127.00         | 300         | Vertical | Pass    |
| 6** | 16103.700       | 44.91            | 54.0           | 9.09        | AV       | 127.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBUV/m) | Limit (dBUV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1530.200        | 38.33            | 74.0           | 35.67       | Peak     | 130.00         | 400         | Horizontal | Pass    |
| 1** | 1530.200        | 28.86            | 54.0           | 25.14       | AV       | 130.00         | 400         | Horizontal | Pass    |
| 2   | 3786.750        | 51.23            | 74.0           | 22.77       | Peak     | 237.00         | 100         | Horizontal | Pass    |
| 2** | 3786.750        | 47.77            | 54.0           | 6.23        | AV       | 237.00         | 100         | Horizontal | Pass    |
| 3   | 5508.500        | 101.73           | --             | --          | Peak     | 133.00         | 100         | Horizontal | N/A     |
| 3** | 5508.500        | 93.46            | --             | --          | AV       | 133.00         | 100         | Horizontal | N/A     |
| 4   | 7597.250        | 53.30            | 74.0           | 20.70       | Peak     | 72.00          | 100         | Horizontal | Pass    |
| 4** | 7597.250        | 44.40            | 54.0           | 9.60        | AV       | 72.00          | 100         | Horizontal | Pass    |
| 5   | 12508.225       | 54.44            | 74.0           | 19.56       | Peak     | 67.00          | 150         | Horizontal | Pass    |
| 5** | 12508.225       | 44.15            | 54.0           | 9.85        | AV       | 67.00          | 150         | Horizontal | Pass    |
| 6   | 15905.776       | 53.97            | 74.0           | 20.03       | Peak     | 145.00         | 400         | Horizontal | Pass    |
| 6** | 15905.776       | 45.63            | 54.0           | 8.37        | AV       | 145.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBUV/m) | Limit (dBUV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1529.800        | 38.52            | 74.0           | 35.48       | Peak     | 183.00         | 100         | Vertical | Pass    |
| 1** | 1529.800        | 28.93            | 54.0           | 25.07       | AV       | 183.00         | 100         | Vertical | Pass    |
| 2   | 3879.000        | 48.23            | 74.0           | 25.77       | Peak     | 98.00          | 200         | Vertical | Pass    |
| 2** | 3879.000        | 38.28            | 54.0           | 15.72       | AV       | 98.00          | 200         | Vertical | Pass    |
| 3   | 5508.750        | 93.84            | --             | --          | Peak     | 159.00         | 150         | Vertical | N/A     |
| 3** | 5508.750        | 86.62            | --             | --          | AV       | 159.00         | 150         | Vertical | N/A     |
| 4   | 7647.750        | 52.85            | 74.0           | 21.15       | Peak     | 79.00          | 200         | Vertical | Pass    |
| 4** | 7647.750        | 44.46            | 54.0           | 9.54        | AV       | 79.00          | 200         | Vertical | Pass    |
| 5   | 12473.787       | 54.06            | 74.0           | 19.94       | Peak     | 9.00           | 150         | Vertical | Pass    |
| 5** | 12473.787       | 43.87            | 54.0           | 10.13       | AV       | 9.00           | 150         | Vertical | Pass    |
| 6   | 15900.526       | 54.45            | 74.0           | 19.55       | Peak     | 195.00         | 100         | Vertical | Pass    |
| 6** | 15900.526       | 44.53            | 54.0           | 9.47        | AV       | 195.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1439.000        | 38.27            | 74.0           | 35.73       | Peak     | 206.00         | 200         | Horizontal | Pass    |
| 1** | 1439.000        | 28.43            | 54.0           | 25.57       | AV       | 206.00         | 200         | Horizontal | Pass    |
| 2   | 4397.750        | 47.72            | 74.0           | 26.28       | Peak     | 0.00           | 400         | Horizontal | Pass    |
| 2** | 4397.750        | 37.65            | 54.0           | 16.35       | AV       | 0.00           | 400         | Horizontal | Pass    |
| 3   | 5586.250        | 101.03           | --             | --          | Peak     | 99.00          | 150         | Horizontal | N/A     |
| 3** | 5586.250        | 93.40            | --             | --          | AV       | 99.00          | 150         | Horizontal | N/A     |
| 4   | 7592.250        | 53.40            | 74.0           | 20.60       | Peak     | 349.00         | 100         | Horizontal | Pass    |
| 4** | 7592.250        | 44.45            | 54.0           | 9.55        | AV       | 349.00         | 100         | Horizontal | Pass    |
| 5   | 12495.875       | 53.25            | 74.0           | 20.75       | Peak     | 219.00         | 100         | Horizontal | Pass    |
| 5** | 12495.875       | 43.86            | 54.0           | 10.14       | AV       | 219.00         | 100         | Horizontal | Pass    |
| 6   | 16110.262       | 54.15            | 74.0           | 19.85       | Peak     | 56.00          | 300         | Horizontal | Pass    |
| 6** | 16110.262       | 44.65            | 54.0           | 9.35        | AV       | 56.00          | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1559.900        | 38.78            | 74.0           | 35.22       | Peak     | 125.00         | 200         | Vertical | Pass    |
| 1** | 1559.900        | 29.02            | 54.0           | 24.98       | AV       | 125.00         | 200         | Vertical | Pass    |
| 2   | 4239.500        | 47.75            | 74.0           | 26.25       | Peak     | 0.00           | 400         | Vertical | Pass    |
| 2** | 4239.500        | 38.37            | 54.0           | 15.63       | AV       | 0.00           | 400         | Vertical | Pass    |
| 3   | 5584.500        | 92.83            | --             | --          | Peak     | 179.00         | 200         | Vertical | N/A     |
| 3** | 5584.500        | 85.42            | --             | --          | AV       | 179.00         | 200         | Vertical | N/A     |
| 4   | 7354.750        | 53.69            | 74.0           | 20.31       | Peak     | 179.00         | 300         | Vertical | Pass    |
| 4** | 7354.750        | 44.23            | 54.0           | 9.77        | AV       | 179.00         | 300         | Vertical | Pass    |
| 5   | 12480.201       | 52.98            | 74.0           | 21.02       | Peak     | 214.00         | 200         | Vertical | Pass    |
| 5** | 12480.201       | 44.11            | 54.0           | 9.89        | AV       | 214.00         | 200         | Vertical | Pass    |
| 6   | 15899.737       | 54.39            | 74.0           | 19.61       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 6** | 15899.737       | 45.57            | 54.0           | 8.43        | AV       | 360.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1607.300        | 38.14            | 74.0           | 35.86       | Peak     | 37.00          | 100         | Horizontal | Pass    |
| 1** | 1607.300        | 28.83            | 54.0           | 25.17       | AV       | 37.00          | 100         | Horizontal | Pass    |
| 2   | 3638.750        | 45.23            | 74.0           | 28.77       | Peak     | 51.00          | 100         | Horizontal | Pass    |
| 2** | 3638.750        | 44.16            | 54.0           | 9.84        | AV       | 51.00          | 100         | Horizontal | Pass    |
| 3   | 5666.000        | 100.43           | --             | --          | Peak     | 113.00         | 150         | Horizontal | N/A     |
| 3** | 5666.000        | 91.95            | --             | --          | AV       | 113.00         | 150         | Horizontal | N/A     |
| 4   | 7587.250        | 54.41            | 74.0           | 19.59       | Peak     | 351.00         | 200         | Horizontal | Pass    |
| 4** | 7587.250        | 43.41            | 54.0           | 10.59       | AV       | 351.00         | 200         | Horizontal | Pass    |
| 5   | 12516.062       | 53.35            | 74.0           | 20.65       | Peak     | 11.00          | 200         | Horizontal | Pass    |
| 5** | 12516.062       | 44.45            | 54.0           | 9.55        | AV       | 11.00          | 200         | Horizontal | Pass    |
| 6   | 16129.162       | 54.77            | 74.0           | 19.23       | Peak     | 224.00         | 200         | Horizontal | Pass    |
| 6** | 16129.162       | 45.19            | 54.0           | 8.81        | AV       | 224.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1501.000        | 39.17            | 74.0           | 34.83       | Peak     | 111.00         | 100         | Vertical | Pass    |
| 1** | 1501.000        | 28.63            | 54.0           | 25.37       | AV       | 111.00         | 100         | Vertical | Pass    |
| 2   | 3861.000        | 44.91            | 74.0           | 29.09       | Peak     | 317.00         | 100         | Vertical | Pass    |
| 2** | 3861.000        | 43.03            | 54.0           | 10.97       | AV       | 317.00         | 100         | Vertical | Pass    |
| 3   | 5685.500        | 92.76            | --             | --          | Peak     | 196.00         | 200         | Vertical | N/A     |
| 3** | 5685.500        | 84.10            | --             | --          | AV       | 196.00         | 200         | Vertical | N/A     |
| 4   | 7422.000        | 53.53            | 74.0           | 20.47       | Peak     | 74.00          | 300         | Vertical | Pass    |
| 4** | 7422.000        | 43.32            | 54.0           | 10.68       | AV       | 74.00          | 300         | Vertical | Pass    |
| 5   | 12479.250       | 53.45            | 74.0           | 20.55       | Peak     | 316.00         | 200         | Vertical | Pass    |
| 5** | 12479.250       | 44.16            | 54.0           | 9.84        | AV       | 316.00         | 200         | Vertical | Pass    |
| 6   | 15900.526       | 54.37            | 74.0           | 19.63       | Peak     | 0.00           | 200         | Vertical | Pass    |
| 6** | 15900.526       | 45.09            | 54.0           | 8.91        | AV       | 0.00           | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1483.800        | 38.53            | 74.0           | 35.47       | Peak     | 195.00         | 100         | Horizontal | Pass    |
| 1** | 1483.800        | 28.89            | 54.0           | 25.11       | AV       | 195.00         | 100         | Horizontal | Pass    |
| 2   | 3786.500        | 47.06            | 74.0           | 26.94       | Peak     | 65.00          | 100         | Horizontal | Pass    |
| 2** | 3786.500        | 47.20            | 54.0           | 6.80        | AV       | 65.00          | 100         | Horizontal | Pass    |
| 3   | 5497.750        | 105.67           | --             | --          | Peak     | 144.00         | 150         | Horizontal | N/A     |
| 3** | 5497.750        | 97.42            | --             | --          | AV       | 144.00         | 150         | Horizontal | N/A     |
| 4   | 7639.250        | 53.22            | 74.0           | 20.78       | Peak     | 144.00         | 200         | Horizontal | Pass    |
| 4** | 7639.250        | 43.78            | 54.0           | 10.22       | AV       | 144.00         | 200         | Horizontal | Pass    |
| 5   | 12521.287       | 53.85            | 74.0           | 20.15       | Peak     | 331.00         | 200         | Horizontal | Pass    |
| 5** | 12521.287       | 43.48            | 54.0           | 10.52       | AV       | 331.00         | 200         | Horizontal | Pass    |
| 6   | 16079.287       | 54.53            | 74.0           | 19.47       | Peak     | 327.00         | 100         | Horizontal | Pass    |
| 6** | 16079.287       | 45.01            | 54.0           | 8.99        | AV       | 327.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1514.100        | 39.02            | 74.0           | 34.98       | Peak     | 185.00         | 300         | Vertical | Pass    |
| 1** | 1514.100        | 28.97            | 54.0           | 25.03       | AV       | 185.00         | 300         | Vertical | Pass    |
| 2   | 3787.250        | 46.43            | 74.0           | 27.57       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 2** | 3787.250        | 47.79            | 54.0           | 6.21        | AV       | 0.00           | 100         | Vertical | Pass    |
| 3   | 5502.500        | 98.04            | --             | --          | Peak     | 152.00         | 200         | Vertical | N/A     |
| 3** | 5502.500        | 91.63            | --             | --          | AV       | 152.00         | 200         | Vertical | N/A     |
| 4   | 7594.500        | 53.48            | 74.0           | 20.52       | Peak     | 288.00         | 300         | Vertical | Pass    |
| 4** | 7594.500        | 44.71            | 54.0           | 9.29        | AV       | 288.00         | 300         | Vertical | Pass    |
| 5   | 12471.888       | 53.79            | 74.0           | 20.21       | Peak     | 360.00         | 200         | Vertical | Pass    |
| 5** | 12471.888       | 44.03            | 54.0           | 9.97        | AV       | 360.00         | 200         | Vertical | Pass    |
| 6   | 16091.362       | 54.77            | 74.0           | 19.23       | Peak     | 237.00         | 400         | Vertical | Pass    |
| 6** | 16091.362       | 44.55            | 54.0           | 9.45        | AV       | 237.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1607.500        | 38.04            | 74.0           | 35.96       | Peak     | 297.00         | 100         | Horizontal | Pass    |
| 1** | 1607.500        | 28.90            | 54.0           | 25.10       | AV       | 297.00         | 100         | Horizontal | Pass    |
| 2   | 3786.750        | 52.33            | 74.0           | 21.67       | Peak     | 92.00          | 300         | Horizontal | Pass    |
| 2** | 3786.750        | 49.15            | 54.0           | 4.85        | AV       | 92.00          | 300         | Horizontal | Pass    |
| 3   | 5581.000        | 105.83           | --             | --          | Peak     | 92.00          | 200         | Horizontal | N/A     |
| 3** | 5581.000        | 98.38            | --             | --          | AV       | 92.00          | 200         | Horizontal | N/A     |
| 4   | 7594.750        | 53.89            | 74.0           | 20.11       | Peak     | 286.00         | 100         | Horizontal | Pass    |
| 4** | 7594.750        | 44.72            | 54.0           | 9.28        | AV       | 286.00         | 100         | Horizontal | Pass    |
| 5   | 12463.575       | 53.06            | 74.0           | 20.94       | Peak     | 323.00         | 100         | Horizontal | Pass    |
| 5** | 12463.575       | 44.57            | 54.0           | 9.43        | AV       | 323.00         | 100         | Horizontal | Pass    |
| 6   | 15898.424       | 54.63            | 74.0           | 19.37       | Peak     | 41.00          | 200         | Horizontal | Pass    |
| 6** | 15898.424       | 44.82            | 54.0           | 9.18        | AV       | 41.00          | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1495.000        | 40.67            | 74.0           | 33.33       | Peak     | 137.00         | 400         | Vertical | Pass    |
| 1** | 1495.000        | 29.24            | 54.0           | 24.76       | AV       | 137.00         | 400         | Vertical | Pass    |
| 2   | 3787.000        | 51.44            | 74.0           | 22.56       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 2** | 3787.000        | 48.58            | 54.0           | 5.42        | AV       | 360.00         | 100         | Vertical | Pass    |
| 3   | 5581.500        | 98.38            | --             | --          | Peak     | 165.00         | 100         | Vertical | N/A     |
| 3** | 5581.500        | 91.03            | --             | --          | AV       | 165.00         | 100         | Vertical | N/A     |
| 4   | 7483.750        | 53.18            | 74.0           | 20.82       | Peak     | 309.00         | 300         | Vertical | Pass    |
| 4** | 7483.750        | 44.05            | 54.0           | 9.95        | AV       | 309.00         | 300         | Vertical | Pass    |
| 5   | 12460.488       | 53.75            | 74.0           | 20.25       | Peak     | 57.00          | 100         | Vertical | Pass    |
| 5** | 12460.488       | 43.47            | 54.0           | 10.53       | AV       | 57.00          | 100         | Vertical | Pass    |
| 6   | 16131.526       | 53.87            | 74.0           | 20.13       | Peak     | 351.00         | 400         | Vertical | Pass    |
| 6** | 16131.526       | 44.89            | 54.0           | 9.11        | AV       | 351.00         | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1458.700        | 38.47            | 74.0           | 35.53       | Peak     | 57.00          | 100         | Horizontal | Pass    |
| 1** | 1458.700        | 28.28            | 54.0           | 25.72       | AV       | 57.00          | 100         | Horizontal | Pass    |
| 2   | 3786.750        | 43.56            | 74.0           | 30.44       | Peak     | 61.00          | 100         | Horizontal | Pass    |
| 2** | 3786.750        | 46.81            | 54.0           | 7.19        | AV       | 61.00          | 100         | Horizontal | Pass    |
| 3   | 5698.000        | 104.26           | --             | --          | Peak     | 104.00         | 100         | Horizontal | N/A     |
| 3** | 5698.000        | 96.42            | --             | --          | AV       | 104.00         | 100         | Horizontal | N/A     |
| 4   | 7358.750        | 53.45            | 74.0           | 20.55       | Peak     | 267.00         | 400         | Horizontal | Pass    |
| 4** | 7358.750        | 45.00            | 54.0           | 9.00        | AV       | 267.00         | 400         | Horizontal | Pass    |
| 5   | 12524.137       | 53.96            | 74.0           | 20.04       | Peak     | 140.00         | 100         | Horizontal | Pass    |
| 5** | 12524.137       | 43.97            | 54.0           | 10.03       | AV       | 140.00         | 100         | Horizontal | Pass    |
| 6   | 15900.526       | 54.87            | 74.0           | 19.13       | Peak     | 55.00          | 200         | Horizontal | Pass    |
| 6** | 15900.526       | 46.00            | 54.0           | 8.00        | AV       | 55.00          | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1501.400        | 39.07            | 74.0           | 34.93       | Peak     | 135.00         | 300         | Vertical | Pass    |
| 1** | 1501.400        | 29.48            | 54.0           | 24.52       | AV       | 135.00         | 300         | Vertical | Pass    |
| 2   | 4399.750        | 47.53            | 74.0           | 26.47       | Peak     | 353.00         | 300         | Vertical | Pass    |
| 2** | 4399.750        | 38.39            | 54.0           | 15.61       | AV       | 353.00         | 300         | Vertical | Pass    |
| 3   | 5698.500        | 97.45            | --             | --          | Peak     | 203.00         | 200         | Vertical | N/A     |
| 3** | 5698.500        | 90.04            | --             | --          | AV       | 203.00         | 200         | Vertical | N/A     |
| 4   | 7640.250        | 52.87            | 74.0           | 21.13       | Peak     | 62.00          | 200         | Vertical | Pass    |
| 4** | 7640.250        | 44.41            | 54.0           | 9.59        | AV       | 62.00          | 200         | Vertical | Pass    |
| 5   | 12431.513       | 53.45            | 74.0           | 20.55       | Peak     | 128.00         | 150         | Vertical | Pass    |
| 5** | 12431.513       | 43.48            | 54.0           | 10.52       | AV       | 128.00         | 150         | Vertical | Pass    |
| 6   | 15656.138       | 54.09            | 74.0           | 19.91       | Peak     | 84.00          | 100         | Vertical | Pass    |
| 6** | 15656.138       | 44.96            | 54.0           | 9.04        | AV       | 84.00          | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1605.300        | 38.67            | 74.0           | 35.33       | Peak     | 146.00         | 200         | Horizontal | Pass    |
| 1** | 1605.300        | 29.81            | 54.0           | 24.19       | AV       | 146.00         | 200         | Horizontal | Pass    |
| 2   | 4032.250        | 47.50            | 74.0           | 26.50       | Peak     | 13.00          | 100         | Horizontal | Pass    |
| 2** | 4032.250        | 37.69            | 54.0           | 16.31       | AV       | 13.00          | 100         | Horizontal | Pass    |
| 3   | 5511.500        | 101.20           | --             | --          | Peak     | 138.00         | 200         | Horizontal | N/A     |
| 3** | 5511.500        | 93.79            | --             | --          | AV       | 138.00         | 200         | Horizontal | N/A     |
| 4   | 7363.000        | 53.28            | 74.0           | 20.72       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 4** | 7363.000        | 44.08            | 54.0           | 9.92        | AV       | 360.00         | 200         | Horizontal | Pass    |
| 5   | 12522.237       | 53.70            | 74.0           | 20.30       | Peak     | 9.00           | 150         | Horizontal | Pass    |
| 5** | 12522.237       | 44.11            | 54.0           | 9.89        | AV       | 9.00           | 150         | Horizontal | Pass    |
| 6   | 15685.276       | 54.07            | 74.0           | 19.93       | Peak     | 80.00          | 400         | Horizontal | Pass    |
| 6** | 15685.276       | 44.46            | 54.0           | 9.54        | AV       | 80.00          | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1529.800        | 38.52            | 74.0           | 35.48       | Peak     | 183.00         | 100         | Vertical | Pass    |
| 1** | 1529.800        | 28.93            | 54.0           | 25.07       | AV       | 183.00         | 100         | Vertical | Pass    |
| 2   | 3879.000        | 48.23            | 74.0           | 25.77       | Peak     | 98.00          | 200         | Vertical | Pass    |
| 2** | 3879.000        | 38.28            | 54.0           | 15.72       | AV       | 98.00          | 200         | Vertical | Pass    |
| 3   | 5508.750        | 93.84            | --             | --          | Peak     | 159.00         | 150         | Vertical | N/A     |
| 3** | 5508.750        | 86.62            | --             | --          | AV       | 159.00         | 150         | Vertical | N/A     |
| 4   | 7647.750        | 52.85            | 74.0           | 21.15       | Peak     | 79.00          | 200         | Vertical | Pass    |
| 4** | 7647.750        | 44.46            | 54.0           | 9.54        | AV       | 79.00          | 200         | Vertical | Pass    |
| 5   | 12473.787       | 54.06            | 74.0           | 19.94       | Peak     | 9.00           | 150         | Vertical | Pass    |
| 5** | 12473.787       | 43.87            | 54.0           | 10.13       | AV       | 9.00           | 150         | Vertical | Pass    |
| 6   | 15900.526       | 54.45            | 74.0           | 19.55       | Peak     | 195.00         | 100         | Vertical | Pass    |
| 6** | 15900.526       | 44.53            | 54.0           | 9.47        | AV       | 195.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1606.700        | 38.88            | 74.0           | 35.12       | Peak     | 173.00         | 100         | Horizontal | Pass    |
| 1** | 1606.700        | 29.33            | 54.0           | 24.67       | AV       | 173.00         | 100         | Horizontal | Pass    |
| 2   | 3787.500        | 44.87            | 74.0           | 29.13       | Peak     | 88.00          | 100         | Horizontal | Pass    |
| 2** | 3787.500        | 43.76            | 54.0           | 10.24       | AV       | 88.00          | 100         | Horizontal | Pass    |
| 3   | 5579.500        | 101.11           | --             | --          | Peak     | 88.00          | 150         | Horizontal | N/A     |
| 3** | 5579.500        | 92.82            | --             | --          | AV       | 88.00          | 150         | Horizontal | N/A     |
| 4   | 7480.250        | 53.37            | 74.0           | 20.63       | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 4** | 7480.250        | 43.84            | 54.0           | 10.16       | AV       | 360.00         | 400         | Horizontal | Pass    |
| 5   | 12541.712       | 53.68            | 74.0           | 20.32       | Peak     | 282.00         | 150         | Horizontal | Pass    |
| 5** | 12541.712       | 44.81            | 54.0           | 9.19        | AV       | 282.00         | 150         | Horizontal | Pass    |
| 6   | 16094.513       | 54.34            | 74.0           | 19.66       | Peak     | 310.00         | 300         | Horizontal | Pass    |
| 6** | 16094.513       | 45.99            | 54.0           | 8.01        | AV       | 310.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1558.700        | 39.59            | 74.0           | 34.41       | Peak     | 127.00         | 200         | Vertical | Pass    |
| 1** | 1558.700        | 29.13            | 54.0           | 24.87       | AV       | 127.00         | 200         | Vertical | Pass    |
| 2   | 3786.250        | 48.71            | 74.0           | 25.29       | Peak     | 198.00         | 100         | Vertical | Pass    |
| 2** | 3786.250        | 44.89            | 54.0           | 9.11        | AV       | 198.00         | 100         | Vertical | Pass    |
| 3   | 5581.250        | 93.59            | --             | --          | Peak     | 178.00         | 100         | Vertical | N/A     |
| 3** | 5581.250        | 85.47            | --             | --          | AV       | 178.00         | 100         | Vertical | N/A     |
| 4   | 7368.250        | 53.34            | 74.0           | 20.66       | Peak     | 76.00          | 400         | Vertical | Pass    |
| 4** | 7368.250        | 43.83            | 54.0           | 10.17       | AV       | 76.00          | 400         | Vertical | Pass    |
| 5   | 12472.125       | 53.45            | 74.0           | 20.55       | Peak     | 190.00         | 150         | Vertical | Pass    |
| 5** | 12472.125       | 44.89            | 54.0           | 9.11        | AV       | 190.00         | 150         | Vertical | Pass    |
| 6   | 16099.763       | 54.29            | 74.0           | 19.71       | Peak     | 9.00           | 400         | Vertical | Pass    |
| 6** | 16099.763       | 44.88            | 54.0           | 9.12        | AV       | 9.00           | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1616.100        | 38.93            | 74.0           | 35.07       | Peak     | 260.00         | 200         | Horizontal | Pass    |
| 1** | 1616.100        | 30.44            | 54.0           | 23.56       | AV       | 260.00         | 200         | Horizontal | Pass    |
| 2   | 3861.250        | 46.02            | 74.0           | 27.98       | Peak     | 201.00         | 100         | Horizontal | Pass    |
| 2** | 3861.250        | 43.66            | 54.0           | 10.34       | AV       | 201.00         | 100         | Horizontal | Pass    |
| 3   | 5679.750        | 100.12           | --             | --          | Peak     | 119.00         | 200         | Horizontal | N/A     |
| 3** | 5679.750        | 92.52            | --             | --          | AV       | 119.00         | 200         | Horizontal | N/A     |
| 4   | 7476.000        | 52.98            | 74.0           | 21.02       | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 4** | 7476.000        | 43.88            | 54.0           | 10.12       | AV       | 360.00         | 300         | Horizontal | Pass    |
| 5   | 12531.738       | 53.27            | 74.0           | 20.73       | Peak     | 89.00          | 100         | Horizontal | Pass    |
| 5** | 12531.738       | 44.48            | 54.0           | 9.52        | AV       | 89.00          | 100         | Horizontal | Pass    |
| 6   | 15907.875       | 54.12            | 74.0           | 19.88       | Peak     | 321.00         | 100         | Horizontal | Pass    |
| 6** | 15907.875       | 45.37            | 54.0           | 8.63        | AV       | 321.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1517.000        | 39.49            | 74.0           | 34.51       | Peak     | 151.00         | 200         | Vertical | Pass    |
| 1** | 1517.000        | 28.67            | 54.0           | 25.33       | AV       | 151.00         | 200         | Vertical | Pass    |
| 2   | 4325.250        | 47.86            | 74.0           | 26.14       | Peak     | 139.00         | 200         | Vertical | Pass    |
| 2** | 4325.250        | 38.60            | 54.0           | 15.40       | AV       | 139.00         | 200         | Vertical | Pass    |
| 3   | 5674.000        | 92.73            | --             | --          | Peak     | 139.00         | 200         | Vertical | N/A     |
| 3** | 5674.000        | 85.35            | --             | --          | AV       | 139.00         | 200         | Vertical | N/A     |
| 4   | 7491.000        | 53.89            | 74.0           | 20.11       | Peak     | 0.00           | 400         | Vertical | Pass    |
| 4** | 7491.000        | 44.02            | 54.0           | 9.98        | AV       | 0.00           | 400         | Vertical | Pass    |
| 5   | 12472.362       | 53.36            | 74.0           | 20.64       | Peak     | 9.00           | 100         | Vertical | Pass    |
| 5** | 12472.362       | 43.75            | 54.0           | 10.25       | AV       | 9.00           | 100         | Vertical | Pass    |
| 6   | 15709.688       | 54.73            | 74.0           | 19.27       | Peak     | 156.00         | 100         | Vertical | Pass    |
| 6** | 15709.688       | 44.61            | 54.0           | 9.39        | AV       | 156.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1614.100        | 38.66            | 74.0           | 35.34       | Peak     | 176.00         | 100         | Horizontal | Pass    |
| 1** | 1614.100        | 29.80            | 54.0           | 24.20       | AV       | 176.00         | 100         | Horizontal | Pass    |
| 2   | 4048.000        | 47.02            | 74.0           | 26.98       | Peak     | 349.00         | 300         | Horizontal | Pass    |
| 2** | 4048.000        | 37.49            | 54.0           | 16.51       | AV       | 349.00         | 300         | Horizontal | Pass    |
| 3   | 5541.500        | 97.16            | --             | --          | Peak     | 116.00         | 150         | Horizontal | N/A     |
| 3** | 5541.500        | 88.41            | --             | --          | AV       | 116.00         | 150         | Horizontal | N/A     |
| 4   | 7705.500        | 52.85            | 74.0           | 21.15       | Peak     | 220.00         | 200         | Horizontal | Pass    |
| 4** | 7705.500        | 44.35            | 54.0           | 9.65        | AV       | 220.00         | 200         | Horizontal | Pass    |
| 5   | 12518.912       | 54.08            | 74.0           | 19.92       | Peak     | 120.00         | 150         | Horizontal | Pass    |
| 5** | 12518.912       | 43.81            | 54.0           | 10.19       | AV       | 120.00         | 150         | Horizontal | Pass    |
| 6   | 16095.563       | 54.10            | 74.0           | 19.90       | Peak     | 30.00          | 200         | Horizontal | Pass    |
| 6** | 16095.563       | 45.02            | 54.0           | 8.98        | AV       | 30.00          | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1437.800        | 39.56            | 74.0           | 34.44       | Peak     | 142.00         | 400         | Vertical | Pass    |
| 1** | 1437.800        | 30.12            | 54.0           | 23.88       | AV       | 142.00         | 400         | Vertical | Pass    |
| 2   | 4334.250        | 47.47            | 74.0           | 26.53       | Peak     | 137.00         | 400         | Vertical | Pass    |
| 2** | 4334.250        | 38.62            | 54.0           | 15.38       | AV       | 137.00         | 400         | Vertical | Pass    |
| 3   | 5523.500        | 90.06            | --             | --          | Peak     | 176.00         | 100         | Vertical | N/A     |
| 3** | 5523.500        | 82.24            | --             | --          | AV       | 176.00         | 100         | Vertical | N/A     |
| 4   | 7429.500        | 53.32            | 74.0           | 20.68       | Peak     | 96.00          | 100         | Vertical | Pass    |
| 4** | 7429.500        | 43.63            | 54.0           | 10.37       | AV       | 96.00          | 100         | Vertical | Pass    |
| 5   | 12474.263       | 53.23            | 74.0           | 20.77       | Peak     | 304.00         | 150         | Vertical | Pass    |
| 5** | 12474.263       | 44.11            | 54.0           | 9.89        | AV       | 304.00         | 150         | Vertical | Pass    |
| 6   | 16092.675       | 55.07            | 74.0           | 18.93       | Peak     | 0.00           | 300         | Vertical | Pass    |
| 6** | 16092.675       | 44.98            | 54.0           | 9.02        | AV       | 0.00           | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1513.100        | 39.06            | 74.0           | 34.94       | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 1** | 1513.100        | 28.98            | 54.0           | 25.02       | AV       | 360.00         | 300         | Horizontal | Pass    |
| 2   | 3638.750        | 45.10            | 74.0           | 28.90       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 2** | 3638.750        | 44.69            | 54.0           | 9.31        | AV       | 0.00           | 100         | Horizontal | Pass    |
| 3   | 5582.250        | 96.27            | --             | --          | Peak     | 133.00         | 150         | Horizontal | N/A     |
| 3** | 5582.250        | 89.05            | --             | --          | AV       | 133.00         | 150         | Horizontal | N/A     |
| 4   | 7420.000        | 53.44            | 74.0           | 20.56       | Peak     | 257.00         | 100         | Horizontal | Pass    |
| 4** | 7420.000        | 44.61            | 54.0           | 9.39        | AV       | 257.00         | 100         | Horizontal | Pass    |
| 5   | 12543.612       | 53.14            | 74.0           | 20.86       | Peak     | 243.00         | 200         | Horizontal | Pass    |
| 5** | 12543.612       | 43.32            | 54.0           | 10.68       | AV       | 243.00         | 200         | Horizontal | Pass    |
| 6   | 16149.112       | 53.86            | 74.0           | 20.14       | Peak     | 15.00          | 200         | Horizontal | Pass    |
| 6** | 16149.112       | 44.06            | 54.0           | 9.94        | AV       | 15.00          | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1450.700        | 39.64            | 74.0           | 34.36       | Peak     | 207.00         | 100         | Vertical | Pass    |
| 1** | 1450.700        | 28.65            | 54.0           | 25.35       | AV       | 207.00         | 100         | Vertical | Pass    |
| 2   | 3787.000        | 50.64            | 74.0           | 23.36       | Peak     | 69.00          | 100         | Vertical | Pass    |
| 2** | 3787.000        | 48.46            | 54.0           | 5.54        | AV       | 69.00          | 100         | Vertical | Pass    |
| 3   | 5584.250        | 88.90            | --             | --          | Peak     | 171.00         | 100         | Vertical | N/A     |
| 3** | 5584.250        | 81.06            | --             | --          | AV       | 171.00         | 100         | Vertical | N/A     |
| 4   | 7705.500        | 54.07            | 74.0           | 19.93       | Peak     | 10.00          | 400         | Vertical | Pass    |
| 4** | 7705.500        | 43.83            | 54.0           | 10.17       | AV       | 10.00          | 400         | Vertical | Pass    |
| 5   | 12501.576       | 53.25            | 74.0           | 20.75       | Peak     | 277.00         | 100         | Vertical | Pass    |
| 5** | 12501.576       | 44.00            | 54.0           | 10.00       | AV       | 277.00         | 100         | Vertical | Pass    |
| 6   | 16150.425       | 53.75            | 74.0           | 20.25       | Peak     | 84.00          | 100         | Vertical | Pass    |
| 6** | 16150.425       | 44.40            | 54.0           | 9.60        | AV       | 84.00          | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1453.800        | 38.54            | 74.0           | 35.46       | Peak     | 149.00         | 300         | Horizontal | Pass    |
| 1** | 1453.800        | 28.99            | 54.0           | 25.01       | AV       | 149.00         | 300         | Horizontal | Pass    |
| 2   | 4246.500        | 47.78            | 74.0           | 26.22       | Peak     | 14.00          | 100         | Horizontal | Pass    |
| 2** | 4246.500        | 38.29            | 54.0           | 15.71       | AV       | 14.00          | 100         | Horizontal | Pass    |
| 3   | 5744.500        | 103.94           | --             | --          | Peak     | 116.00         | 150         | Horizontal | N/A     |
| 3** | 5744.500        | 96.51            | --             | --          | AV       | 116.00         | 150         | Horizontal | N/A     |
| 4   | 7608.500        | 53.46            | 74.0           | 20.54       | Peak     | 157.00         | 300         | Horizontal | Pass    |
| 4** | 7608.500        | 43.85            | 54.0           | 10.15       | AV       | 157.00         | 300         | Horizontal | Pass    |
| 5   | 12531.974       | 53.07            | 74.0           | 20.93       | Peak     | 326.00         | 150         | Horizontal | Pass    |
| 5** | 12531.974       | 44.34            | 54.0           | 9.66        | AV       | 326.00         | 150         | Horizontal | Pass    |
| 6   | 15895.276       | 54.15            | 74.0           | 19.85       | Peak     | 217.00         | 100         | Horizontal | Pass    |
| 6** | 15895.276       | 44.52            | 54.0           | 9.48        | AV       | 217.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1494.100        | 40.42            | 74.0           | 33.58       | Peak     | 137.00         | 300         | Vertical | Pass    |
| 1** | 1494.100        | 29.35            | 54.0           | 24.65       | AV       | 137.00         | 300         | Vertical | Pass    |
| 2   | 3787.000        | 43.80            | 74.0           | 30.20       | Peak     | 239.00         | 100         | Vertical | Pass    |
| 2** | 3787.000        | 49.70            | 54.0           | 4.30        | AV       | 239.00         | 100         | Vertical | Pass    |
| 3   | 5747.000        | 98.63            | --             | --          | Peak     | 138.00         | 150         | Vertical | N/A     |
| 3** | 5747.000        | 89.48            | --             | --          | AV       | 138.00         | 150         | Vertical | N/A     |
| 4   | 7420.250        | 53.40            | 74.0           | 20.60       | Peak     | 18.00          | 300         | Vertical | Pass    |
| 4** | 7420.250        | 44.88            | 54.0           | 9.12        | AV       | 18.00          | 300         | Vertical | Pass    |
| 5   | 12492.550       | 53.14            | 74.0           | 20.86       | Peak     | 328.00         | 100         | Vertical | Pass    |
| 5** | 12492.550       | 44.36            | 54.0           | 9.64        | AV       | 328.00         | 100         | Vertical | Pass    |
| 6   | 16062.750       | 53.98            | 74.0           | 20.02       | Peak     | 349.00         | 200         | Vertical | Pass    |
| 6** | 16062.750       | 43.70            | 54.0           | 10.30       | AV       | 349.00         | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1612.400        | 38.17            | 74.0           | 35.83       | Peak     | 241.00         | 200         | Horizontal | Pass    |
| 1** | 1612.400        | 29.10            | 54.0           | 24.90       | AV       | 241.00         | 200         | Horizontal | Pass    |
| 2   | 3786.500        | 44.51            | 74.0           | 29.49       | Peak     | 83.00          | 100         | Horizontal | Pass    |
| 2** | 3786.500        | 44.55            | 54.0           | 9.45        | AV       | 83.00          | 100         | Horizontal | Pass    |
| 3   | 5787.750        | 104.27           | --             | --          | Peak     | 124.00         | 150         | Horizontal | N/A     |
| 3** | 5787.750        | 96.04            | --             | --          | AV       | 124.00         | 150         | Horizontal | N/A     |
| 4   | 7319.750        | 54.44            | 74.0           | 19.56       | Peak     | 333.00         | 400         | Horizontal | Pass    |
| 4** | 7319.750        | 43.98            | 54.0           | 10.02       | AV       | 333.00         | 400         | Horizontal | Pass    |
| 5   | 12497.537       | 53.19            | 74.0           | 20.81       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 5** | 12497.537       | 43.92            | 54.0           | 10.08       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 6   | 16103.963       | 54.26            | 74.0           | 19.74       | Peak     | 335.00         | 300         | Horizontal | Pass    |
| 6** | 16103.963       | 45.02            | 54.0           | 8.98        | AV       | 335.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1455.400        | 38.77            | 74.0           | 35.23       | Peak     | 175.00         | 400         | Vertical | Pass    |
| 1** | 1455.400        | 28.89            | 54.0           | 25.11       | AV       | 175.00         | 400         | Vertical | Pass    |
| 2   | 4336.750        | 47.73            | 74.0           | 26.27       | Peak     | 342.00         | 100         | Vertical | Pass    |
| 2** | 4336.750        | 38.34            | 54.0           | 15.66       | AV       | 342.00         | 100         | Vertical | Pass    |
| 3   | 5786.750        | 96.89            | --             | --          | Peak     | 145.00         | 100         | Vertical | N/A     |
| 3** | 5786.750        | 90.77            | --             | --          | AV       | 145.00         | 100         | Vertical | N/A     |
| 4   | 7490.750        | 54.59            | 74.0           | 19.41       | Peak     | 41.00          | 300         | Vertical | Pass    |
| 4** | 7490.750        | 45.56            | 54.0           | 8.44        | AV       | 41.00          | 300         | Vertical | Pass    |
| 5   | 12455.737       | 53.75            | 74.0           | 20.25       | Peak     | 171.00         | 150         | Vertical | Pass    |
| 5** | 12455.737       | 44.62            | 54.0           | 9.38        | AV       | 171.00         | 150         | Vertical | Pass    |
| 6   | 16097.662       | 54.13            | 74.0           | 19.87       | Peak     | 290.00         | 100         | Vertical | Pass    |
| 6** | 16097.662       | 45.09            | 54.0           | 8.91        | AV       | 290.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1512.900        | 38.70            | 74.0           | 35.30       | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 1** | 1512.900        | 29.06            | 54.0           | 24.94       | AV       | 360.00         | 300         | Horizontal | Pass    |
| 2   | 3787.250        | 51.06            | 74.0           | 22.94       | Peak     | 163.00         | 100         | Horizontal | Pass    |
| 2** | 3787.250        | 47.05            | 54.0           | 6.95        | AV       | 163.00         | 100         | Horizontal | Pass    |
| 3   | 5825.250        | 104.21           | --             | --          | Peak     | 143.00         | 200         | Horizontal | N/A     |
| 3** | 5825.250        | 95.65            | --             | --          | AV       | 143.00         | 200         | Horizontal | N/A     |
| 4   | 7647.250        | 53.18            | 74.0           | 20.82       | Peak     | 1.00           | 400         | Horizontal | Pass    |
| 4** | 7647.250        | 43.51            | 54.0           | 10.49       | AV       | 1.00           | 400         | Horizontal | Pass    |
| 5   | 12425.813       | 54.18            | 74.0           | 19.82       | Peak     | 360.00         | 150         | Horizontal | Pass    |
| 5** | 12425.813       | 45.62            | 54.0           | 8.38        | AV       | 360.00         | 150         | Horizontal | Pass    |
| 6   | 15903.938       | 54.46            | 74.0           | 19.54       | Peak     | 251.00         | 200         | Horizontal | Pass    |
| 6** | 15903.938       | 45.25            | 54.0           | 8.75        | AV       | 251.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1461.600        | 38.54            | 74.0           | 35.46       | Peak     | 220.00         | 200         | Vertical | Pass    |
| 1** | 1461.600        | 28.74            | 54.0           | 25.26       | AV       | 220.00         | 200         | Vertical | Pass    |
| 2   | 3638.750        | 43.70            | 74.0           | 30.30       | Peak     | 179.00         | 100         | Vertical | Pass    |
| 2** | 3638.750        | 44.88            | 54.0           | 9.12        | AV       | 179.00         | 100         | Vertical | Pass    |
| 3   | 5823.000        | 98.74            | --             | --          | Peak     | 139.00         | 100         | Vertical | N/A     |
| 3** | 5823.000        | 92.12            | --             | --          | AV       | 139.00         | 100         | Vertical | N/A     |
| 4   | 7607.250        | 53.83            | 74.0           | 20.17       | Peak     | 298.00         | 100         | Vertical | Pass    |
| 4** | 7607.250        | 44.17            | 54.0           | 9.83        | AV       | 298.00         | 100         | Vertical | Pass    |
| 5   | 12521.287       | 53.24            | 74.0           | 20.76       | Peak     | 41.00          | 100         | Vertical | Pass    |
| 5** | 12521.287       | 43.70            | 54.0           | 10.30       | AV       | 41.00          | 100         | Vertical | Pass    |
| 6   | 16105.538       | 53.94            | 74.0           | 20.06       | Peak     | 52.00          | 300         | Vertical | Pass    |
| 6** | 16105.538       | 44.97            | 54.0           | 9.03        | AV       | 52.00          | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1546.800        | 38.39            | 74.0           | 35.61       | Peak     | 204.00         | 200         | Horizontal | Pass    |
| 1** | 1546.800        | 28.73            | 54.0           | 25.27       | AV       | 204.00         | 200         | Horizontal | Pass    |
| 2   | 3787.500        | 46.15            | 74.0           | 27.85       | Peak     | 351.00         | 100         | Horizontal | Pass    |
| 2** | 3787.500        | 47.00            | 54.0           | 7.00        | AV       | 351.00         | 100         | Horizontal | Pass    |
| 3   | 5746.000        | 105.30           | --             | --          | Peak     | 140.00         | 150         | Horizontal | N/A     |
| 3** | 5746.000        | 96.44            | --             | --          | AV       | 140.00         | 150         | Horizontal | N/A     |
| 4   | 7607.750        | 53.42            | 74.0           | 20.58       | Peak     | 79.00          | 200         | Horizontal | Pass    |
| 4** | 7607.750        | 44.42            | 54.0           | 9.58        | AV       | 79.00          | 200         | Horizontal | Pass    |
| 5   | 12460.250       | 53.25            | 74.0           | 20.75       | Peak     | 77.00          | 100         | Horizontal | Pass    |
| 5** | 12460.250       | 43.85            | 54.0           | 10.15       | AV       | 77.00          | 100         | Horizontal | Pass    |
| 6   | 15927.825       | 54.15            | 74.0           | 19.85       | Peak     | 320.00         | 200         | Horizontal | Pass    |
| 6** | 15927.825       | 43.83            | 54.0           | 10.17       | AV       | 320.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1574.400        | 40.05            | 74.0           | 33.95       | Peak     | 130.00         | 300         | Vertical | Pass    |
| 1** | 1574.400        | 28.66            | 54.0           | 25.34       | AV       | 130.00         | 300         | Vertical | Pass    |
| 2   | 3787.750        | 44.56            | 74.0           | 29.44       | Peak     | 281.00         | 100         | Vertical | Pass    |
| 2** | 3787.750        | 41.70            | 54.0           | 12.30       | AV       | 281.00         | 100         | Vertical | Pass    |
| 3   | 5746.250        | 97.33            | --             | --          | Peak     | 0.00           | 150         | Vertical | N/A     |
| 3** | 5746.250        | 89.67            | --             | --          | AV       | 0.00           | 150         | Vertical | N/A     |
| 4   | 7604.500        | 53.76            | 74.0           | 20.24       | Peak     | 0.00           | 300         | Vertical | Pass    |
| 4** | 7604.500        | 44.01            | 54.0           | 9.99        | AV       | 0.00           | 300         | Vertical | Pass    |
| 5   | 12526.513       | 53.29            | 74.0           | 20.71       | Peak     | 268.00         | 150         | Vertical | Pass    |
| 5** | 12526.513       | 45.59            | 54.0           | 8.41        | AV       | 268.00         | 150         | Vertical | Pass    |
| 6   | 16151.213       | 54.35            | 74.0           | 19.65       | Peak     | 322.00         | 100         | Vertical | Pass    |
| 6** | 16151.213       | 44.61            | 54.0           | 9.39        | AV       | 322.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1598.400        | 38.29            | 74.0           | 35.71       | Peak     | 266.00         | 300         | Horizontal | Pass    |
| 1** | 1598.400        | 28.56            | 54.0           | 25.44       | AV       | 266.00         | 300         | Horizontal | Pass    |
| 2   | 3876.500        | 46.95            | 74.0           | 27.05       | Peak     | 351.00         | 100         | Horizontal | Pass    |
| 2** | 3876.500        | 38.77            | 54.0           | 15.23       | AV       | 351.00         | 100         | Horizontal | Pass    |
| 3   | 5786.500        | 103.46           | --             | --          | Peak     | 281.00         | 150         | Horizontal | N/A     |
| 3** | 5786.500        | 97.61            | --             | --          | AV       | 281.00         | 150         | Horizontal | N/A     |
| 4   | 7611.750        | 52.70            | 74.0           | 21.30       | Peak     | 322.00         | 200         | Horizontal | Pass    |
| 4** | 7611.750        | 43.97            | 54.0           | 10.03       | AV       | 322.00         | 200         | Horizontal | Pass    |
| 5   | 12482.338       | 53.19            | 74.0           | 20.81       | Peak     | 210.00         | 200         | Horizontal | Pass    |
| 5** | 12482.338       | 43.82            | 54.0           | 10.18       | AV       | 210.00         | 200         | Horizontal | Pass    |
| 6   | 16126.800       | 53.92            | 74.0           | 20.08       | Peak     | 305.00         | 300         | Horizontal | Pass    |
| 6** | 16126.800       | 44.62            | 54.0           | 9.38        | AV       | 305.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1495.500        | 39.69            | 74.0           | 34.31       | Peak     | 139.00         | 100         | Vertical | Pass    |
| 1** | 1495.500        | 29.87            | 54.0           | 24.13       | AV       | 139.00         | 100         | Vertical | Pass    |
| 2   | 4278.250        | 47.29            | 74.0           | 26.71       | Peak     | 220.00         | 300         | Vertical | Pass    |
| 2** | 4278.250        | 38.02            | 54.0           | 15.98       | AV       | 220.00         | 300         | Vertical | Pass    |
| 3   | 5786.000        | 96.55            | --             | --          | Peak     | 138.00         | 150         | Vertical | N/A     |
| 3** | 5786.000        | 89.63            | --             | --          | AV       | 138.00         | 150         | Vertical | N/A     |
| 4   | 7640.750        | 53.81            | 74.0           | 20.19       | Peak     | 58.00          | 200         | Vertical | Pass    |
| 4** | 7640.750        | 43.94            | 54.0           | 10.06       | AV       | 58.00          | 200         | Vertical | Pass    |
| 5   | 12467.138       | 53.10            | 74.0           | 20.90       | Peak     | 40.00          | 200         | Vertical | Pass    |
| 5** | 12467.138       | 43.76            | 54.0           | 10.24       | AV       | 40.00          | 200         | Vertical | Pass    |
| 6   | 15874.275       | 53.71            | 74.0           | 20.29       | Peak     | 198.00         | 100         | Vertical | Pass    |
| 6** | 15874.275       | 44.38            | 54.0           | 9.62        | AV       | 198.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1577.000        | 38.54            | 74.0           | 35.46       | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 1** | 1577.000        | 29.20            | 54.0           | 24.80       | AV       | 360.00         | 400         | Horizontal | Pass    |
| 2   | 4328.000        | 47.20            | 74.0           | 26.80       | Peak     | 55.00          | 400         | Horizontal | Pass    |
| 2** | 4328.000        | 37.77            | 54.0           | 16.23       | AV       | 55.00          | 400         | Horizontal | Pass    |
| 3   | 5822.750        | 103.97           | --             | --          | Peak     | 116.00         | 200         | Horizontal | N/A     |
| 3** | 5822.750        | 95.91            | --             | --          | AV       | 116.00         | 200         | Horizontal | N/A     |
| 4   | 7629.000        | 53.23            | 74.0           | 20.77       | Peak     | 347.00         | 100         | Horizontal | Pass    |
| 4** | 7629.000        | 43.03            | 54.0           | 10.97       | AV       | 347.00         | 100         | Horizontal | Pass    |
| 5   | 12501.812       | 53.38            | 74.0           | 20.62       | Peak     | 54.00          | 150         | Horizontal | Pass    |
| 5** | 12501.812       | 44.70            | 54.0           | 9.30        | AV       | 54.00          | 150         | Horizontal | Pass    |
| 6   | 16112.362       | 53.67            | 74.0           | 20.33       | Peak     | 290.00         | 400         | Horizontal | Pass    |
| 6** | 16112.362       | 44.68            | 54.0           | 9.32        | AV       | 290.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1522.500        | 39.51            | 74.0           | 34.49       | Peak     | 128.00         | 200         | Vertical | Pass    |
| 1** | 1522.500        | 28.66            | 54.0           | 25.34       | AV       | 128.00         | 200         | Vertical | Pass    |
| 2   | 3711.250        | 47.83            | 74.0           | 26.17       | Peak     | 278.00         | 400         | Vertical | Pass    |
| 2** | 3711.250        | 39.66            | 54.0           | 14.34       | AV       | 278.00         | 400         | Vertical | Pass    |
| 3   | 5829.250        | 97.09            | --             | --          | Peak     | 137.00         | 100         | Vertical | N/A     |
| 3** | 5829.250        | 88.98            | --             | --          | AV       | 137.00         | 100         | Vertical | N/A     |
| 4   | 7607.750        | 53.99            | 74.0           | 20.01       | Peak     | 137.00         | 400         | Vertical | Pass    |
| 4** | 7607.750        | 44.12            | 54.0           | 9.88        | AV       | 137.00         | 400         | Vertical | Pass    |
| 5   | 12548.600       | 53.08            | 74.0           | 20.92       | Peak     | 121.00         | 200         | Vertical | Pass    |
| 5** | 12548.600       | 43.20            | 54.0           | 10.80       | AV       | 121.00         | 200         | Vertical | Pass    |
| 6   | 15374.737       | 53.70            | 74.0           | 20.30       | Peak     | 0.00           | 100         | Vertical | Pass    |
| 6** | 15374.737       | 43.35            | 54.0           | 10.65       | AV       | 0.00           | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1437.500        | 38.93            | 74.0           | 35.07       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 1** | 1437.500        | 28.76            | 54.0           | 25.24       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 2   | 3638.500        | 48.34            | 74.0           | 25.66       | Peak     | 105.00         | 100         | Horizontal | Pass    |
| 2** | 3638.500        | 48.81            | 54.0           | 5.19        | AV       | 105.00         | 100         | Horizontal | Pass    |
| 3   | 5753.750        | 99.97            | --             | --          | Peak     | 144.00         | 100         | Horizontal | N/A     |
| 3** | 5753.750        | 91.81            | --             | --          | AV       | 144.00         | 100         | Horizontal | N/A     |
| 4   | 7488.000        | 53.40            | 74.0           | 20.60       | Peak     | 86.00          | 100         | Horizontal | Pass    |
| 4** | 7488.000        | 45.03            | 54.0           | 8.97        | AV       | 86.00          | 100         | Horizontal | Pass    |
| 5   | 12495.162       | 53.38            | 74.0           | 20.62       | Peak     | 178.00         | 200         | Horizontal | Pass    |
| 5** | 12495.162       | 44.07            | 54.0           | 9.93        | AV       | 178.00         | 200         | Horizontal | Pass    |
| 6   | 16107.900       | 54.46            | 74.0           | 19.54       | Peak     | 347.00         | 400         | Horizontal | Pass    |
| 6** | 16107.900       | 45.52            | 54.0           | 8.48        | AV       | 347.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1525.700        | 40.19            | 74.0           | 33.81       | Peak     | 158.00         | 200         | Vertical | Pass    |
| 1** | 1525.700        | 29.40            | 54.0           | 24.60       | AV       | 158.00         | 200         | Vertical | Pass    |
| 2   | 3786.750        | 44.57            | 74.0           | 29.43       | Peak     | 144.00         | 100         | Vertical | Pass    |
| 2** | 3786.750        | 46.74            | 54.0           | 7.26        | AV       | 144.00         | 100         | Vertical | Pass    |
| 3   | 5758.750        | 93.02            | --             | --          | Peak     | 144.00         | 100         | Vertical | N/A     |
| 3** | 5758.750        | 84.70            | --             | --          | AV       | 144.00         | 100         | Vertical | N/A     |
| 4   | 7421.000        | 53.97            | 74.0           | 20.03       | Peak     | 261.00         | 100         | Vertical | Pass    |
| 4** | 7421.000        | 44.46            | 54.0           | 9.54        | AV       | 261.00         | 100         | Vertical | Pass    |
| 5   | 11721.388       | 53.09            | 74.0           | 20.91       | Peak     | 276.00         | 100         | Vertical | Pass    |
| 5** | 11721.388       | 42.67            | 54.0           | 11.33       | AV       | 276.00         | 100         | Vertical | Pass    |
| 6   | 16123.388       | 53.90            | 74.0           | 20.10       | Peak     | 20.00          | 200         | Vertical | Pass    |
| 6** | 16123.388       | 45.07            | 54.0           | 8.93        | AV       | 20.00          | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1517.300        | 38.69            | 74.0           | 35.31       | Peak     | 263.00         | 200         | Horizontal | Pass    |
| 1** | 1517.300        | 30.37            | 54.0           | 23.63       | AV       | 263.00         | 200         | Horizontal | Pass    |
| 2   | 3787.500        | 44.69            | 74.0           | 29.31       | Peak     | 261.00         | 100         | Horizontal | Pass    |
| 2** | 3787.500        | 43.05            | 54.0           | 10.95       | AV       | 261.00         | 100         | Horizontal | Pass    |
| 3   | 5796.750        | 100.44           | --             | --          | Peak     | 84.00          | 200         | Horizontal | N/A     |
| 3** | 5796.750        | 92.56            | --             | --          | AV       | 84.00          | 200         | Horizontal | N/A     |
| 4   | 7610.000        | 53.14            | 74.0           | 20.86       | Peak     | 319.00         | 100         | Horizontal | Pass    |
| 4** | 7610.000        | 44.33            | 54.0           | 9.67        | AV       | 319.00         | 100         | Horizontal | Pass    |
| 5   | 12512.026       | 54.25            | 74.0           | 19.75       | Peak     | 127.00         | 150         | Horizontal | Pass    |
| 5** | 12512.026       | 43.63            | 54.0           | 10.37       | AV       | 127.00         | 150         | Horizontal | Pass    |
| 6   | 15861.937       | 54.01            | 74.0           | 19.99       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 6** | 15861.937       | 44.93            | 54.0           | 9.07        | AV       | 360.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1497.900        | 39.97            | 74.0           | 34.03       | Peak     | 139.00         | 300         | Vertical | Pass    |
| 1** | 1497.900        | 30.23            | 54.0           | 23.77       | AV       | 139.00         | 300         | Vertical | Pass    |
| 2   | 3638.250        | 46.27            | 74.0           | 27.73       | Peak     | 349.00         | 100         | Vertical | Pass    |
| 2** | 3638.250        | 47.09            | 54.0           | 6.91        | AV       | 349.00         | 100         | Vertical | Pass    |
| 3   | 5798.750        | 93.97            | --             | --          | Peak     | 144.00         | 150         | Vertical | N/A     |
| 3** | 5798.750        | 86.64            | --             | --          | AV       | 144.00         | 150         | Vertical | N/A     |
| 4   | 7644.000        | 53.20            | 74.0           | 20.80       | Peak     | 28.00          | 100         | Vertical | Pass    |
| 4** | 7644.000        | 43.93            | 54.0           | 10.07       | AV       | 28.00          | 100         | Vertical | Pass    |
| 5   | 12470.462       | 53.12            | 74.0           | 20.88       | Peak     | 149.00         | 150         | Vertical | Pass    |
| 5** | 12470.462       | 44.13            | 54.0           | 9.87        | AV       | 149.00         | 150         | Vertical | Pass    |
| 6   | 16144.650       | 54.00            | 74.0           | 20.00       | Peak     | 48.00          | 200         | Vertical | Pass    |
| 6** | 16144.650       | 44.83            | 54.0           | 9.17        | AV       | 48.00          | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1626.300        | 38.87            | 74.0           | 35.13       | Peak     | 161.00         | 200         | Horizontal | Pass    |
| 1** | 1626.300        | 29.53            | 54.0           | 24.47       | AV       | 161.00         | 200         | Horizontal | Pass    |
| 2   | 3861.250        | 46.14            | 74.0           | 27.86       | Peak     | 287.00         | 100         | Horizontal | Pass    |
| 2** | 3861.250        | 43.72            | 54.0           | 10.28       | AV       | 287.00         | 100         | Horizontal | Pass    |
| 3   | 5746.750        | 102.02           | --             | --          | Peak     | 105.00         | 200         | Horizontal | N/A     |
| 3** | 5746.750        | 95.30            | --             | --          | AV       | 105.00         | 200         | Horizontal | N/A     |
| 4   | 7598.250        | 53.33            | 74.0           | 20.67       | Peak     | 87.00          | 300         | Horizontal | Pass    |
| 4** | 7598.250        | 44.35            | 54.0           | 9.65        | AV       | 87.00          | 300         | Horizontal | Pass    |
| 5   | 12484.475       | 53.69            | 74.0           | 20.31       | Peak     | 11.00          | 100         | Horizontal | Pass    |
| 5** | 12484.475       | 43.89            | 54.0           | 10.11       | AV       | 11.00          | 100         | Horizontal | Pass    |
| 6   | 15901.050       | 54.03            | 74.0           | 19.97       | Peak     | 55.00          | 100         | Horizontal | Pass    |
| 6** | 15901.050       | 45.27            | 54.0           | 8.73        | AV       | 55.00          | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1497.300        | 39.50            | 74.0           | 34.50       | Peak     | 127.00         | 100         | Vertical | Pass    |
| 1** | 1497.300        | 28.77            | 54.0           | 25.23       | AV       | 127.00         | 100         | Vertical | Pass    |
| 2   | 3884.500        | 46.84            | 74.0           | 27.16       | Peak     | 160.00         | 100         | Vertical | Pass    |
| 2** | 3884.500        | 38.49            | 54.0           | 15.51       | AV       | 160.00         | 100         | Vertical | Pass    |
| 3   | 5746.250        | 95.26            | --             | --          | Peak     | 19.00          | 150         | Vertical | N/A     |
| 3** | 5746.250        | 88.09            | --             | --          | AV       | 19.00          | 150         | Vertical | N/A     |
| 4   | 7598.750        | 53.07            | 74.0           | 20.93       | Peak     | 0.00           | 400         | Vertical | Pass    |
| 4** | 7598.750        | 44.97            | 54.0           | 9.03        | AV       | 0.00           | 400         | Vertical | Pass    |
| 5   | 12514.638       | 53.17            | 74.0           | 20.83       | Peak     | 112.00         | 100         | Vertical | Pass    |
| 5** | 12514.638       | 43.97            | 54.0           | 10.03       | AV       | 112.00         | 100         | Vertical | Pass    |
| 6   | 15887.662       | 53.87            | 74.0           | 20.13       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 6** | 15887.662       | 44.87            | 54.0           | 9.13        | AV       | 360.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1613.300        | 38.65            | 74.0           | 35.35       | Peak     | 168.00         | 100         | Horizontal | Pass    |
| 1** | 1613.300        | 29.05            | 54.0           | 24.95       | AV       | 168.00         | 100         | Horizontal | Pass    |
| 2   | 3787.000        | 44.08            | 74.0           | 29.92       | Peak     | 259.00         | 100         | Horizontal | Pass    |
| 2** | 3787.000        | 50.19            | 54.0           | 3.81        | AV       | 259.00         | 100         | Horizontal | Pass    |
| 3   | 5786.000        | 103.67           | --             | --          | Peak     | 116.00         | 200         | Horizontal | N/A     |
| 3** | 5786.000        | 96.69            | --             | --          | AV       | 116.00         | 200         | Horizontal | N/A     |
| 4   | 7310.250        | 53.43            | 74.0           | 20.57       | Peak     | 77.00          | 400         | Horizontal | Pass    |
| 4** | 7310.250        | 44.03            | 54.0           | 9.97        | AV       | 77.00          | 400         | Horizontal | Pass    |
| 5   | 12515.588       | 53.22            | 74.0           | 20.78       | Peak     | 40.00          | 200         | Horizontal | Pass    |
| 5** | 12515.588       | 44.38            | 54.0           | 9.62        | AV       | 40.00          | 200         | Horizontal | Pass    |
| 6   | 16112.888       | 54.94            | 74.0           | 19.06       | Peak     | 274.00         | 200         | Horizontal | Pass    |
| 6** | 16112.888       | 45.35            | 54.0           | 8.65        | AV       | 274.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1500.000        | 40.44            | 74.0           | 33.56       | Peak     | 137.00         | 200         | Vertical | Pass    |
| 1** | 1500.000        | 29.10            | 54.0           | 24.90       | AV       | 137.00         | 200         | Vertical | Pass    |
| 2   | 3787.000        | 50.36            | 74.0           | 23.64       | Peak     | 179.00         | 100         | Vertical | Pass    |
| 2** | 3787.000        | 47.80            | 54.0           | 6.20        | AV       | 179.00         | 100         | Vertical | Pass    |
| 3   | 5784.250        | 97.06            | --             | --          | Peak     | 138.00         | 200         | Vertical | N/A     |
| 3** | 5784.250        | 89.63            | --             | --          | AV       | 138.00         | 200         | Vertical | N/A     |
| 4   | 7470.250        | 53.49            | 74.0           | 20.51       | Peak     | 320.00         | 100         | Vertical | Pass    |
| 4** | 7470.250        | 43.09            | 54.0           | 10.91       | AV       | 320.00         | 100         | Vertical | Pass    |
| 5   | 12526.276       | 53.94            | 74.0           | 20.06       | Peak     | 164.00         | 200         | Vertical | Pass    |
| 5** | 12526.276       | 44.36            | 54.0           | 9.64        | AV       | 164.00         | 200         | Vertical | Pass    |
| 6   | 16128.375       | 53.95            | 74.0           | 20.05       | Peak     | 252.00         | 200         | Vertical | Pass    |
| 6** | 16128.375       | 45.59            | 54.0           | 8.41        | AV       | 252.00         | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1575.300        | 38.77            | 74.0           | 35.23       | Peak     | 142.00         | 400         | Horizontal | Pass    |
| 1** | 1575.300        | 29.14            | 54.0           | 24.86       | AV       | 142.00         | 400         | Horizontal | Pass    |
| 2   | 3638.750        | 45.81            | 74.0           | 28.19       | Peak     | 350.00         | 100         | Horizontal | Pass    |
| 2** | 3638.750        | 42.98            | 54.0           | 11.02       | AV       | 350.00         | 100         | Horizontal | Pass    |
| 3   | 5824.000        | 104.00           | --             | --          | Peak     | 139.00         | 200         | Horizontal | N/A     |
| 3** | 5824.000        | 96.07            | --             | --          | AV       | 139.00         | 200         | Horizontal | N/A     |
| 4   | 7603.000        | 53.74            | 74.0           | 20.26       | Peak     | 350.00         | 300         | Horizontal | Pass    |
| 4** | 7603.000        | 44.20            | 54.0           | 9.80        | AV       | 350.00         | 300         | Horizontal | Pass    |
| 5   | 12520.813       | 53.60            | 74.0           | 20.40       | Peak     | 72.00          | 100         | Horizontal | Pass    |
| 5** | 12520.813       | 44.59            | 54.0           | 9.41        | AV       | 72.00          | 100         | Horizontal | Pass    |
| 6   | 16123.125       | 54.01            | 74.0           | 19.99       | Peak     | 127.00         | 300         | Horizontal | Pass    |
| 6** | 16123.125       | 44.69            | 54.0           | 9.31        | AV       | 127.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1497.000        | 39.59            | 74.0           | 34.41       | Peak     | 131.00         | 400         | Vertical | Pass    |
| 1** | 1497.000        | 28.87            | 54.0           | 25.13       | AV       | 131.00         | 400         | Vertical | Pass    |
| 2   | 3712.750        | 48.28            | 74.0           | 25.72       | Peak     | 137.00         | 100         | Vertical | Pass    |
| 2** | 3712.750        | 45.41            | 54.0           | 8.59        | AV       | 137.00         | 100         | Vertical | Pass    |
| 3   | 5828.500        | 97.65            | --             | --          | Peak     | 137.00         | 200         | Vertical | N/A     |
| 3** | 5828.500        | 88.73            | --             | --          | AV       | 137.00         | 200         | Vertical | N/A     |
| 4   | 7591.500        | 53.04            | 74.0           | 20.96       | Peak     | 137.00         | 400         | Vertical | Pass    |
| 4** | 7591.500        | 43.90            | 54.0           | 10.10       | AV       | 137.00         | 400         | Vertical | Pass    |
| 5   | 12533.162       | 52.92            | 74.0           | 21.08       | Peak     | 208.00         | 100         | Vertical | Pass    |
| 5** | 12533.162       | 43.57            | 54.0           | 10.43       | AV       | 208.00         | 100         | Vertical | Pass    |
| 6   | 16119.187       | 53.73            | 74.0           | 20.27       | Peak     | 81.00          | 400         | Vertical | Pass    |
| 6** | 16119.187       | 44.97            | 54.0           | 9.03        | AV       | 81.00          | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1498.700        | 38.39            | 74.0           | 35.61       | Peak     | 42.00          | 400         | Horizontal | Pass    |
| 1** | 1498.700        | 28.77            | 54.0           | 25.23       | AV       | 42.00          | 400         | Horizontal | Pass    |
| 2   | 3786.250        | 47.50            | 74.0           | 26.50       | Peak     | 164.00         | 100         | Horizontal | Pass    |
| 2** | 3786.250        | 42.58            | 54.0           | 11.42       | AV       | 164.00         | 100         | Horizontal | Pass    |
| 3   | 5752.250        | 99.65            | --             | --          | Peak     | 145.00         | 100         | Horizontal | N/A     |
| 3** | 5752.250        | 92.74            | --             | --          | AV       | 145.00         | 100         | Horizontal | N/A     |
| 4   | 7580.500        | 52.91            | 74.0           | 21.09       | Peak     | 203.00         | 400         | Horizontal | Pass    |
| 4** | 7580.500        | 44.18            | 54.0           | 9.82        | AV       | 203.00         | 400         | Horizontal | Pass    |
| 5   | 12492.313       | 52.98            | 74.0           | 21.02       | Peak     | 11.00          | 150         | Horizontal | Pass    |
| 5** | 12492.313       | 43.64            | 54.0           | 10.36       | AV       | 11.00          | 150         | Horizontal | Pass    |
| 6   | 16146.750       | 54.23            | 74.0           | 19.77       | Peak     | 319.00         | 300         | Horizontal | Pass    |
| 6** | 16146.750       | 44.75            | 54.0           | 9.25        | AV       | 319.00         | 300         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1601.000        | 39.63            | 74.0           | 34.37       | Peak     | 166.00         | 200         | Vertical | Pass    |
| 1** | 1601.000        | 30.14            | 54.0           | 23.86       | AV       | 166.00         | 200         | Vertical | Pass    |
| 2   | 3711.750        | 48.63            | 74.0           | 25.37       | Peak     | 0.00           | 400         | Vertical | Pass    |
| 2** | 3711.750        | 41.34            | 54.0           | 12.66       | AV       | 0.00           | 400         | Vertical | Pass    |
| 3   | 5758.500        | 92.86            | --             | --          | Peak     | 145.00         | 150         | Vertical | N/A     |
| 3** | 5758.500        | 85.35            | --             | --          | AV       | 145.00         | 150         | Vertical | N/A     |
| 4   | 7332.000        | 53.68            | 74.0           | 20.32       | Peak     | 47.00          | 300         | Vertical | Pass    |
| 4** | 7332.000        | 43.14            | 54.0           | 10.86       | AV       | 47.00          | 300         | Vertical | Pass    |
| 5   | 12478.537       | 52.88            | 74.0           | 21.12       | Peak     | 57.00          | 150         | Vertical | Pass    |
| 5** | 12478.537       | 43.91            | 54.0           | 10.09       | AV       | 57.00          | 150         | Vertical | Pass    |
| 6   | 16105.538       | 53.82            | 74.0           | 20.18       | Peak     | 21.00          | 400         | Vertical | Pass    |
| 6** | 16105.538       | 45.11            | 54.0           | 8.89        | AV       | 21.00          | 400         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1620.300        | 38.56            | 74.0           | 35.44       | Peak     | 42.00          | 100         | Horizontal | Pass    |
| 1** | 1620.300        | 28.86            | 54.0           | 25.14       | AV       | 42.00          | 100         | Horizontal | Pass    |
| 2   | 3787.000        | 47.33            | 74.0           | 26.67       | Peak     | 43.00          | 100         | Horizontal | Pass    |
| 2** | 3787.000        | 44.15            | 54.0           | 9.85        | AV       | 43.00          | 100         | Horizontal | Pass    |
| 3   | 5800.500        | 100.41           | --             | --          | Peak     | 123.00         | 200         | Horizontal | N/A     |
| 3** | 5800.500        | 93.93            | --             | --          | AV       | 123.00         | 200         | Horizontal | N/A     |
| 4   | 7483.250        | 53.31            | 74.0           | 20.69       | Peak     | 144.00         | 300         | Horizontal | Pass    |
| 4** | 7483.250        | 43.96            | 54.0           | 10.04       | AV       | 144.00         | 300         | Horizontal | Pass    |
| 5   | 12533.638       | 53.56            | 74.0           | 20.44       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 5** | 12533.638       | 44.30            | 54.0           | 9.70        | AV       | 360.00         | 200         | Horizontal | Pass    |
| 6   | 16136.250       | 53.95            | 74.0           | 20.05       | Peak     | 266.00         | 100         | Horizontal | Pass    |
| 6** | 16136.250       | 45.01            | 54.0           | 8.99        | AV       | 266.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1497.500        | 38.80            | 74.0           | 35.20       | Peak     | 147.00         | 300         | Vertical | Pass    |
| 1** | 1497.500        | 28.75            | 54.0           | 25.25       | AV       | 147.00         | 300         | Vertical | Pass    |
| 2   | 3638.250        | 48.06            | 74.0           | 25.94       | Peak     | 128.00         | 100         | Vertical | Pass    |
| 2** | 3638.250        | 45.81            | 54.0           | 8.19        | AV       | 128.00         | 100         | Vertical | Pass    |
| 3   | 3786.750        | 44.79            | 74.0           | 29.21       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 3** | 3786.750        | 46.78            | 54.0           | 7.22        | AV       | 360.00         | 100         | Vertical | Pass    |
| 4   | 5797.250        | 93.98            | --             | --          | Peak     | 146.00         | 150         | Vertical | N/A     |
| 4** | 5797.250        | 85.38            | --             | --          | AV       | 146.00         | 150         | Vertical | N/A     |
| 5   | 12528.412       | 54.11            | 74.0           | 19.89       | Peak     | 11.00          | 100         | Vertical | Pass    |
| 5** | 12528.412       | 44.46            | 54.0           | 9.54        | AV       | 11.00          | 100         | Vertical | Pass    |
| 6   | 16133.888       | 55.29            | 74.0           | 18.71       | Peak     | 319.00         | 100         | Vertical | Pass    |
| 6** | 16133.888       | 45.49            | 54.0           | 8.51        | AV       | 319.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1435.100        | 38.82            | 74.0           | 35.18       | Peak     | 173.00         | 200         | Horizontal | Pass    |
| 1** | 1435.100        | 29.02            | 54.0           | 24.98       | AV       | 173.00         | 200         | Horizontal | Pass    |
| 2   | 3716.750        | 47.60            | 74.0           | 26.40       | Peak     | 300.00         | 200         | Horizontal | Pass    |
| 2** | 3716.750        | 39.76            | 54.0           | 14.24       | AV       | 300.00         | 200         | Horizontal | Pass    |
| 3   | 5768.000        | 95.72            | --             | --          | Peak     | 86.00          | 200         | Horizontal | N/A     |
| 3** | 5768.000        | 88.26            | --             | --          | AV       | 86.00          | 200         | Horizontal | N/A     |
| 4   | 7594.750        | 53.25            | 74.0           | 20.75       | Peak     | 47.00          | 200         | Horizontal | Pass    |
| 4** | 7594.750        | 44.77            | 54.0           | 9.23        | AV       | 47.00          | 200         | Horizontal | Pass    |
| 5   | 12490.888       | 53.31            | 74.0           | 20.69       | Peak     | 64.00          | 150         | Horizontal | Pass    |
| 5** | 12490.888       | 44.37            | 54.0           | 9.63        | AV       | 64.00          | 150         | Horizontal | Pass    |
| 6   | 15912.075       | 54.17            | 74.0           | 19.83       | Peak     | 220.00         | 200         | Horizontal | Pass    |
| 6** | 15912.075       | 45.39            | 54.0           | 8.61        | AV       | 220.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1452.000        | 39.38            | 74.0           | 34.62       | Peak     | 136.00         | 100         | Vertical | Pass    |
| 1** | 1452.000        | 28.95            | 54.0           | 25.05       | AV       | 136.00         | 100         | Vertical | Pass    |
| 2   | 3716.750        | 47.73            | 74.0           | 26.27       | Peak     | 25.00          | 300         | Vertical | Pass    |
| 2** | 3716.750        | 40.12            | 54.0           | 13.88       | AV       | 25.00          | 300         | Vertical | Pass    |
| 3   | 5780.250        | 89.00            | --             | --          | Peak     | 142.00         | 100         | Vertical | N/A     |
| 3** | 5780.250        | 81.34            | --             | --          | AV       | 142.00         | 100         | Vertical | N/A     |
| 4   | 7645.500        | 53.57            | 74.0           | 20.43       | Peak     | 349.00         | 200         | Vertical | Pass    |
| 4** | 7645.500        | 44.99            | 54.0           | 9.01        | AV       | 349.00         | 200         | Vertical | Pass    |
| 5   | 12511.075       | 53.18            | 74.0           | 20.82       | Peak     | 275.00         | 200         | Vertical | Pass    |
| 5** | 12511.075       | 44.59            | 54.0           | 9.41        | AV       | 275.00         | 200         | Vertical | Pass    |
| 6   | 15898.424       | 54.28            | 74.0           | 19.72       | Peak     | 290.00         | 300         | Vertical | Pass    |
| 6** | 15898.424       | 44.81            | 54.0           | 9.19        | AV       | 290.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1471.500        | 38.69            | 74.0           | 35.31       | Peak     | 300.00         | 400         | Horizontal | Pass    |
| 1** | 1471.500        | 29.31            | 54.0           | 24.69       | AV       | 300.00         | 400         | Horizontal | Pass    |
| 2   | 3638.000        | 44.32            | 74.0           | 29.68       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 2** | 3638.000        | 42.44            | 54.0           | 11.56       | AV       | 360.00         | 100         | Horizontal | Pass    |
| 3   | 5718.750        | 104.00           | --             | --          | Peak     | 74.00          | 200         | Horizontal | N/A     |
| 3** | 5718.750        | 95.99            | --             | --          | AV       | 74.00          | 200         | Horizontal | N/A     |
| 4   | 7370.000        | 53.30            | 74.0           | 20.70       | Peak     | 14.00          | 300         | Horizontal | Pass    |
| 4** | 7370.000        | 43.76            | 54.0           | 10.24       | AV       | 14.00          | 300         | Horizontal | Pass    |
| 5   | 12505.375       | 53.01            | 74.0           | 20.99       | Peak     | 36.00          | 150         | Horizontal | Pass    |
| 5** | 12505.375       | 44.08            | 54.0           | 9.92        | AV       | 36.00          | 150         | Horizontal | Pass    |
| 6   | 15898.687       | 54.49            | 74.0           | 19.51       | Peak     | 79.00          | 400         | Horizontal | Pass    |
| 6** | 15898.687       | 44.87            | 54.0           | 9.13        | AV       | 79.00          | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1499.400        | 39.15            | 74.0           | 34.85       | Peak     | 122.00         | 100         | Vertical | Pass    |
| 1** | 1499.400        | 31.99            | 54.0           | 22.01       | AV       | 122.00         | 100         | Vertical | Pass    |
| 2   | 4208.500        | 47.46            | 74.0           | 26.54       | Peak     | 360.00         | 200         | Vertical | Pass    |
| 2** | 4208.500        | 38.22            | 54.0           | 15.78       | AV       | 360.00         | 200         | Vertical | Pass    |
| 3   | 5718.750        | 98.17            | --             | --          | Peak     | 77.00          | 100         | Vertical | N/A     |
| 3** | 5718.750        | 91.60            | --             | --          | AV       | 77.00          | 100         | Vertical | N/A     |
| 4   | 7647.250        | 53.37            | 74.0           | 20.63       | Peak     | 237.00         | 300         | Vertical | Pass    |
| 4** | 7647.250        | 44.09            | 54.0           | 9.91        | AV       | 237.00         | 300         | Vertical | Pass    |
| 5   | 12495.400       | 53.31            | 74.0           | 20.69       | Peak     | 300.00         | 200         | Vertical | Pass    |
| 5** | 12495.400       | 44.48            | 54.0           | 9.52        | AV       | 300.00         | 200         | Vertical | Pass    |
| 6   | 16108.162       | 54.39            | 74.0           | 19.61       | Peak     | 318.00         | 100         | Vertical | Pass    |
| 6** | 16108.162       | 44.37            | 54.0           | 9.63        | AV       | 318.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1592.200        | 38.39            | 74.0           | 35.61       | Peak     | 360.00         | 300         | Horizontal | Pass    |
| 1** | 1592.200        | 28.94            | 54.0           | 25.06       | AV       | 360.00         | 300         | Horizontal | Pass    |
| 2   | 3787.000        | 49.96            | 74.0           | 24.04       | Peak     | 16.00          | 100         | Horizontal | Pass    |
| 2** | 3787.000        | 48.15            | 54.0           | 5.85        | AV       | 16.00          | 100         | Horizontal | Pass    |
| 3   | 5718.750        | 104.45           | --             | --          | Peak     | 36.00          | 200         | Horizontal | N/A     |
| 3** | 5718.750        | 95.88            | --             | --          | AV       | 36.00          | 200         | Horizontal | N/A     |
| 4   | 7591.250        | 54.24            | 74.0           | 19.76       | Peak     | 319.00         | 400         | Horizontal | Pass    |
| 4** | 7591.250        | 43.76            | 54.0           | 10.24       | AV       | 319.00         | 400         | Horizontal | Pass    |
| 5   | 12544.088       | 53.36            | 74.0           | 20.64       | Peak     | 16.00          | 150         | Horizontal | Pass    |
| 5** | 12544.088       | 43.55            | 54.0           | 10.45       | AV       | 16.00          | 150         | Horizontal | Pass    |
| 6   | 16163.812       | 54.55            | 74.0           | 19.45       | Peak     | 64.00          | 200         | Horizontal | Pass    |
| 6** | 16163.812       | 43.85            | 54.0           | 10.15       | AV       | 64.00          | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1472.600        | 40.20            | 74.0           | 33.80       | Peak     | 123.00         | 200         | Vertical | Pass    |
| 1** | 1472.600        | 28.82            | 54.0           | 25.18       | AV       | 123.00         | 200         | Vertical | Pass    |
| 2   | 4320.750        | 47.64            | 74.0           | 26.36       | Peak     | 358.00         | 400         | Vertical | Pass    |
| 2** | 4320.750        | 38.89            | 54.0           | 15.11       | AV       | 358.00         | 400         | Vertical | Pass    |
| 3   | 5722.500        | 96.55            | --             | --          | Peak     | 158.00         | 200         | Vertical | N/A     |
| 3** | 5722.500        | 89.13            | --             | --          | AV       | 158.00         | 200         | Vertical | N/A     |
| 4   | 7359.500        | 53.90            | 74.0           | 20.10       | Peak     | 279.00         | 100         | Vertical | Pass    |
| 4** | 7359.500        | 45.06            | 54.0           | 8.94        | AV       | 279.00         | 100         | Vertical | Pass    |
| 5   | 12490.174       | 52.95            | 74.0           | 21.05       | Peak     | 360.00         | 100         | Vertical | Pass    |
| 5** | 12490.174       | 44.19            | 54.0           | 9.81        | AV       | 360.00         | 100         | Vertical | Pass    |
| 6   | 15896.588       | 54.46            | 74.0           | 19.54       | Peak     | 41.00          | 300         | Vertical | Pass    |
| 6** | 15896.588       | 45.28            | 54.0           | 8.72        | AV       | 41.00          | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1594.400        | 38.31            | 74.0           | 35.69       | Peak     | 192.00         | 300         | Horizontal | Pass    |
| 1** | 1594.400        | 29.22            | 54.0           | 24.78       | AV       | 192.00         | 300         | Horizontal | Pass    |
| 2   | 4141.750        | 47.14            | 74.0           | 26.86       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 2** | 4141.750        | 37.55            | 54.0           | 16.45       | AV       | 360.00         | 200         | Horizontal | Pass    |
| 3   | 5720.500        | 99.03            | --             | --          | Peak     | 75.00          | 200         | Horizontal | N/A     |
| 3** | 5720.500        | 90.39            | --             | --          | AV       | 75.00          | 200         | Horizontal | N/A     |
| 4   | 7312.250        | 53.97            | 74.0           | 20.03       | Peak     | 317.00         | 300         | Horizontal | Pass    |
| 4** | 7312.250        | 44.00            | 54.0           | 10.00       | AV       | 317.00         | 300         | Horizontal | Pass    |
| 5   | 12509.175       | 53.76            | 74.0           | 20.24       | Peak     | 140.00         | 100         | Horizontal | Pass    |
| 5** | 12509.175       | 44.47            | 54.0           | 9.53        | AV       | 140.00         | 100         | Horizontal | Pass    |
| 6   | 15889.500       | 54.86            | 74.0           | 19.14       | Peak     | 103.00         | 200         | Horizontal | Pass    |
| 6** | 15889.500       | 45.23            | 54.0           | 8.77        | AV       | 103.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1497.900        | 39.88            | 74.0           | 34.12       | Peak     | 140.00         | 100         | Vertical | Pass    |
| 1** | 1497.900        | 31.94            | 54.0           | 22.06       | AV       | 140.00         | 100         | Vertical | Pass    |
| 2   | 3638.500        | 44.51            | 74.0           | 29.49       | Peak     | 201.00         | 100         | Vertical | Pass    |
| 2** | 3638.500        | 47.70            | 54.0           | 6.30        | AV       | 201.00         | 100         | Vertical | Pass    |
| 3   | 5700.750        | 92.79            | --             | --          | Peak     | 159.00         | 150         | Vertical | N/A     |
| 3** | 5700.750        | 84.46            | --             | --          | AV       | 159.00         | 150         | Vertical | N/A     |
| 4   | 7484.500        | 53.07            | 74.0           | 20.93       | Peak     | 0.00           | 200         | Vertical | Pass    |
| 4** | 7484.500        | 44.65            | 54.0           | 9.35        | AV       | 0.00           | 200         | Vertical | Pass    |
| 5   | 12409.187       | 53.15            | 74.0           | 20.85       | Peak     | 78.00          | 100         | Vertical | Pass    |
| 5** | 12409.187       | 43.99            | 54.0           | 10.01       | AV       | 78.00          | 100         | Vertical | Pass    |
| 6   | 16107.638       | 54.12            | 74.0           | 19.88       | Peak     | 87.00          | 200         | Vertical | Pass    |
| 6** | 16107.638       | 45.15            | 54.0           | 8.85        | AV       | 87.00          | 200         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1451.700        | 38.36            | 74.0           | 35.64       | Peak     | 23.00          | 200         | Horizontal | Pass    |
| 1** | 1451.700        | 28.68            | 54.0           | 25.32       | AV       | 23.00          | 200         | Horizontal | Pass    |
| 2   | 3787.250        | 46.63            | 74.0           | 27.37       | Peak     | 36.00          | 100         | Horizontal | Pass    |
| 2** | 3787.250        | 45.38            | 54.0           | 8.62        | AV       | 36.00          | 100         | Horizontal | Pass    |
| 3   | 5719.250        | 103.38           | --             | --          | Peak     | 77.00          | 150         | Horizontal | N/A     |
| 3** | 5719.250        | 95.70            | --             | --          | AV       | 77.00          | 150         | Horizontal | N/A     |
| 4   | 7352.000        | 53.32            | 74.0           | 20.68       | Peak     | 175.00         | 300         | Horizontal | Pass    |
| 4** | 7352.000        | 44.02            | 54.0           | 9.98        | AV       | 175.00         | 300         | Horizontal | Pass    |
| 5   | 12476.875       | 53.81            | 74.0           | 20.19       | Peak     | 27.00          | 200         | Horizontal | Pass    |
| 5** | 12476.875       | 45.11            | 54.0           | 8.89        | AV       | 27.00          | 200         | Horizontal | Pass    |
| 6   | 15888.713       | 53.82            | 74.0           | 20.18       | Peak     | 72.00          | 100         | Horizontal | Pass    |
| 6** | 15888.713       | 45.02            | 54.0           | 8.98        | AV       | 72.00          | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1486.200        | 39.87            | 74.0           | 34.13       | Peak     | 128.00         | 300         | Vertical | Pass    |
| 1** | 1486.200        | 30.75            | 54.0           | 23.25       | AV       | 128.00         | 300         | Vertical | Pass    |
| 2   | 3638.000        | 46.45            | 74.0           | 27.55       | Peak     | 94.00          | 100         | Vertical | Pass    |
| 2** | 3638.000        | 43.28            | 54.0           | 10.72       | AV       | 94.00          | 100         | Vertical | Pass    |
| 3   | 5718.750        | 97.56            | --             | --          | Peak     | 154.00         | 100         | Vertical | N/A     |
| 3** | 5718.750        | 89.12            | --             | --          | AV       | 154.00         | 100         | Vertical | N/A     |
| 4   | 7608.000        | 53.48            | 74.0           | 20.52       | Peak     | 74.00          | 400         | Vertical | Pass    |
| 4** | 7608.000        | 44.35            | 54.0           | 9.65        | AV       | 74.00          | 400         | Vertical | Pass    |
| 5   | 12496.349       | 53.33            | 74.0           | 20.67       | Peak     | 30.00          | 100         | Vertical | Pass    |
| 5** | 12496.349       | 44.23            | 54.0           | 9.77        | AV       | 30.00          | 100         | Vertical | Pass    |
| 6   | 16107.900       | 54.33            | 74.0           | 19.67       | Peak     | 354.00         | 100         | Vertical | Pass    |
| 6** | 16107.900       | 44.89            | 54.0           | 9.11        | AV       | 354.00         | 100         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1606.600        | 39.11            | 74.0           | 34.89       | Peak     | 291.00         | 200         | Horizontal | Pass    |
| 1** | 1606.600        | 29.57            | 54.0           | 24.43       | AV       | 291.00         | 200         | Horizontal | Pass    |
| 2   | 3714.250        | 47.91            | 74.0           | 26.09       | Peak     | 55.00          | 400         | Horizontal | Pass    |
| 2** | 3714.250        | 38.78            | 54.0           | 15.22       | AV       | 55.00          | 400         | Horizontal | Pass    |
| 3   | 5708.000        | 98.92            | --             | --          | Peak     | 96.00          | 150         | Horizontal | N/A     |
| 3** | 5708.000        | 91.36            | --             | --          | AV       | 96.00          | 150         | Horizontal | N/A     |
| 4   | 7580.000        | 53.46            | 74.0           | 20.54       | Peak     | 275.00         | 300         | Horizontal | Pass    |
| 4** | 7580.000        | 44.19            | 54.0           | 9.81        | AV       | 275.00         | 300         | Horizontal | Pass    |
| 5   | 12516.537       | 52.97            | 74.0           | 21.03       | Peak     | 188.00         | 200         | Horizontal | Pass    |
| 5** | 12516.537       | 44.44            | 54.0           | 9.56        | AV       | 188.00         | 200         | Horizontal | Pass    |
| 6   | 16121.813       | 54.13            | 74.0           | 19.87       | Peak     | 360.00         | 400         | Horizontal | Pass    |
| 6** | 16121.813       | 45.45            | 54.0           | 8.55        | AV       | 360.00         | 400         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1498.400        | 40.70            | 74.0           | 33.30       | Peak     | 145.00         | 200         | Vertical | Pass    |
| 1** | 1498.400        | 29.84            | 54.0           | 24.16       | AV       | 145.00         | 200         | Vertical | Pass    |
| 2   | 3638.500        | 49.89            | 74.0           | 24.11       | Peak     | 356.00         | 100         | Vertical | Pass    |
| 2** | 3638.500        | 46.33            | 54.0           | 7.67        | AV       | 356.00         | 100         | Vertical | Pass    |
| 3   | 5712.500        | 93.76            | --             | --          | Peak     | 154.00         | 200         | Vertical | N/A     |
| 3** | 5712.500        | 85.63            | --             | --          | AV       | 154.00         | 200         | Vertical | N/A     |
| 4   | 7588.750        | 53.29            | 74.0           | 20.71       | Peak     | 94.00          | 200         | Vertical | Pass    |
| 4** | 7588.750        | 44.03            | 54.0           | 9.97        | AV       | 94.00          | 200         | Vertical | Pass    |
| 5   | 12492.787       | 53.31            | 74.0           | 20.69       | Peak     | 37.00          | 150         | Vertical | Pass    |
| 5** | 12492.787       | 44.80            | 54.0           | 9.20        | AV       | 37.00          | 150         | Vertical | Pass    |
| 6   | 16101.862       | 55.55            | 74.0           | 18.45       | Peak     | 133.00         | 300         | Vertical | Pass    |
| 6** | 16101.862       | 45.15            | 54.0           | 8.85        | AV       | 133.00         | 300         | Vertical | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 1581.500        | 37.98            | 74.0           | 36.02       | Peak     | 200.00         | 300         | Horizontal | Pass    |
| 1** | 1581.500        | 28.65            | 54.0           | 25.35       | AV       | 200.00         | 300         | Horizontal | Pass    |
| 2   | 3638.500        | 48.59            | 74.0           | 25.41       | Peak     | 96.00          | 100         | Horizontal | Pass    |
| 2** | 3638.500        | 43.73            | 54.0           | 10.27       | AV       | 96.00          | 100         | Horizontal | Pass    |
| 3   | 5682.250        | 96.25            | --             | --          | Peak     | 96.00          | 150         | Horizontal | N/A     |
| 3** | 5682.250        | 88.17            | --             | --          | AV       | 96.00          | 150         | Horizontal | N/A     |
| 4   | 7601.500        | 53.53            | 74.0           | 20.47       | Peak     | 235.00         | 400         | Horizontal | Pass    |
| 4** | 7601.500        | 44.57            | 54.0           | 9.43        | AV       | 235.00         | 400         | Horizontal | Pass    |
| 5   | 12624.362       | 53.70            | 74.0           | 20.30       | Peak     | 161.00         | 200         | Horizontal | Pass    |
| 5** | 12624.362       | 42.03            | 54.0           | 11.97       | AV       | 161.00         | 200         | Horizontal | Pass    |
| 6   | 15922.050       | 54.56            | 74.0           | 19.44       | Peak     | 79.00          | 100         | Horizontal | Pass    |
| 6** | 15922.050       | 44.42            | 54.0           | 9.58        | AV       | 79.00          | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna  | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|----------|---------|
| 1   | 1497.700        | 40.00            | 74.0           | 34.00       | Peak     | 124.00         | 100         | Vertical | Pass    |
| 1** | 1497.700        | 30.89            | 54.0           | 23.11       | AV       | 124.00         | 100         | Vertical | Pass    |
| 2   | 3787.250        | 45.25            | 74.0           | 28.75       | Peak     | 356.00         | 100         | Vertical | Pass    |
| 2** | 3787.250        | 45.53            | 54.0           | 8.47        | AV       | 356.00         | 100         | Vertical | Pass    |
| 3   | 5674.750        | 88.61            | --             | --          | Peak     | 157.00         | 100         | Vertical | N/A     |
| 3** | 5674.750        | 79.45            | --             | --          | AV       | 157.00         | 100         | Vertical | N/A     |
| 4   | 7316.500        | 54.42            | 74.0           | 19.58       | Peak     | 176.00         | 200         | Vertical | Pass    |
| 4** | 7316.500        | 44.41            | 54.0           | 9.59        | AV       | 176.00         | 200         | Vertical | Pass    |
| 5   | 12502.762       | 53.24            | 74.0           | 20.76       | Peak     | 96.00          | 100         | Vertical | Pass    |
| 5** | 12502.762       | 44.00            | 54.0           | 10.00       | AV       | 96.00          | 100         | Vertical | Pass    |
| 6   | 15889.500       | 54.05            | 74.0           | 19.95       | Peak     | 0.00           | 400         | Vertical | Pass    |
| 6** | 15889.500       | 44.81            | 54.0           | 9.19        | AV       | 0.00           | 400         | Vertical | Pass    |

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

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

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

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

Test Data

## U-NII-1 11a Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5145.667        | 58.87            | 74.0           | 15.13       | Peak     | 268.00         | 150         | Horizontal | Pass    |
| 1** | 5145.667        | 46.40            | 54.0           | 7.60        | AV       | 268.00         | 150         | Horizontal | Pass    |
| 2   | 5150.000        | 60.09            | 74.0           | 13.91       | Peak     | 253.00         | 150         | Horizontal | Pass    |
| 2** | 5150.000        | 48.49            | 54.0           | 5.51        | AV       | 253.00         | 150         | Horizontal | Pass    |

## U-NII-1 11a High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.22            | 74.0           | 18.78       | Peak     | 150.00         | 150         | Horizontal | Pass    |
| 1** | 5350.000        | 44.80            | 54.0           | 9.20        | AV       | 150.00         | 150         | Horizontal | Pass    |
| 2   | 5352.933        | 57.12            | 74.0           | 16.88       | Peak     | 240.00         | 200         | Horizontal | Pass    |
| 2** | 5352.933        | 44.92            | 54.0           | 9.08        | AV       | 240.00         | 200         | Horizontal | Pass    |

## U-NII-1 11n20 Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5148.917        | 59.79            | 74.0           | 14.21       | Peak     | 280.00         | 150         | Horizontal | Pass    |
| 1** | 5148.917        | 46.63            | 54.0           | 7.37        | AV       | 280.00         | 150         | Horizontal | Pass    |
| 2   | 5150.000        | 59.46            | 74.0           | 14.54       | Peak     | 102.00         | 150         | Horizontal | Pass    |
| 2** | 5150.000        | 46.78            | 54.0           | 7.22        | AV       | 102.00         | 150         | Horizontal | Pass    |

## U-NII-1 11n20 High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.60            | 74.0           | 18.40       | Peak     | 342.00         | 150         | Horizontal | Pass    |
| 1** | 5350.000        | 44.85            | 54.0           | 9.15        | AV       | 342.00         | 150         | Horizontal | Pass    |
| 2   | 5385.750        | 56.57            | 74.0           | 17.43       | Peak     | 342.00         | 200         | Horizontal | Pass    |
| 2** | 5385.750        | 44.65            | 54.0           | 9.35        | AV       | 342.00         | 200         | Horizontal | Pass    |

## U-NII-1 11n40 Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5125.084        | 57.97            | 74.0           | 16.03       | Peak     | 128.00         | 100         | Horizontal | Pass    |
| 1** | 5125.084        | 45.11            | 54.0           | 8.89        | AV       | 128.00         | 100         | Horizontal | Pass    |
| 2   | 5150.000        | 56.85            | 74.0           | 17.15       | Peak     | 133.00         | 100         | Horizontal | Pass    |
| 2** | 5150.000        | 47.23            | 54.0           | 6.77        | AV       | 133.00         | 100         | Horizontal | Pass    |

## U-NII-1 11n40 High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.61            | 74.0           | 18.39       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 44.84            | 54.0           | 9.16        | AV       | 360.00         | 200         | Horizontal | Pass    |
| 2   | 5358.800        | 57.04            | 74.0           | 16.96       | Peak     | 112.00         | 200         | Horizontal | Pass    |
| 2** | 5358.800        | 44.69            | 54.0           | 9.31        | AV       | 112.00         | 200         | Horizontal | Pass    |

## U-NII-1 11ac20 Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5146.750        | 57.26            | 74.0           | 16.74       | Peak     | 264.00         | 200         | Horizontal | Pass    |
| 1** | 5146.750        | 46.18            | 54.0           | 7.82        | AV       | 264.00         | 200         | Horizontal | Pass    |
| 2   | 5150.000        | 58.20            | 74.0           | 15.80       | Peak     | 259.00         | 150         | Horizontal | Pass    |
| 2** | 5150.000        | 46.90            | 54.0           | 7.10        | AV       | 259.00         | 150         | Horizontal | Pass    |

## U-NII-1 11ac20 High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 54.90            | 74.0           | 19.10       | Peak     | 186.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 45.08            | 54.0           | 8.92        | AV       | 186.00         | 200         | Horizontal | Pass    |
| 2   | 5357.517        | 58.14            | 74.0           | 15.86       | Peak     | 130.00         | 150         | Horizontal | Pass    |
| 2** | 5357.517        | 44.74            | 54.0           | 9.26        | AV       | 130.00         | 150         | Horizontal | Pass    |

## U-NII-1 11ac40 Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5148.917        | 57.39            | 74.0           | 16.61       | Peak     | 266.00         | 200         | Horizontal | Pass    |
| 1** | 5148.917        | 46.82            | 54.0           | 7.18        | AV       | 266.00         | 200         | Horizontal | Pass    |
| 2   | 5150.000        | 57.27            | 74.0           | 16.73       | Peak     | 266.00         | 100         | Horizontal | Pass    |
| 2** | 5150.000        | 47.14            | 54.0           | 6.86        | AV       | 266.00         | 100         | Horizontal | Pass    |

## U-NII-1 11ac40 High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 55.37            | 74.0           | 18.63       | Peak     | 130.00         | 150         | Horizontal | Pass    |
| 1** | 5350.000        | 45.06            | 54.0           | 8.94        | AV       | 130.00         | 150         | Horizontal | Pass    |
| 2   | 5391.800        | 57.45            | 74.0           | 16.55       | Peak     | 110.00         | 150         | Horizontal | Pass    |
| 2** | 5391.800        | 44.41            | 54.0           | 9.59        | AV       | 110.00         | 150         | Horizontal | Pass    |

## U-NII-1 11ac80 Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5131.583        | 58.35            | 74.0           | 15.65       | Peak     | 280.00         | 100         | Horizontal | Pass    |
| 1** | 5131.583        | 45.91            | 54.0           | 8.09        | AV       | 280.00         | 100         | Horizontal | Pass    |
| 2   | 5150.000        | 55.78            | 74.0           | 18.22       | Peak     | 283.00         | 100         | Horizontal | Pass    |
| 2** | 5150.000        | 46.01            | 54.0           | 7.99        | AV       | 283.00         | 100         | Horizontal | Pass    |

## U-NII-1 11ac80 Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 56.28            | 74.0           | 17.72       | Peak     | 225.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 45.39            | 54.0           | 8.61        | AV       | 225.00         | 200         | Horizontal | Pass    |
| 2   | 5355.317        | 56.99            | 74.0           | 17.01       | Peak     | 48.00          | 150         | Horizontal | Pass    |
| 2** | 5355.317        | 45.01            | 54.0           | 8.99        | AV       | 48.00          | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 4883.500        | 56.37            | 74.0           | 17.63       | Peak     | 88.00          | 150         | Horizontal | Pass    |
| 1** | 4883.500        | 44.31            | 54.0           | 9.69        | AV       | 88.00          | 150         | Horizontal | Pass    |
| 2   | 5150.000        | 54.91            | 74.0           | 19.09       | Peak     | 360.00         | 200         | Horizontal | Pass    |
| 2** | 5150.000        | 44.37            | 54.0           | 9.63        | AV       | 360.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 60.87            | 74.0           | 13.13       | Peak     | 105.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 47.86            | 54.0           | 6.14        | AV       | 105.00         | 100         | Horizontal | Pass    |
| 2   | 5351.283        | 62.77            | 74.0           | 11.23       | Peak     | 127.00         | 100         | Horizontal | Pass    |
| 2** | 5351.283        | 47.53            | 54.0           | 6.47        | AV       | 127.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5129.417        | 56.15            | 74.0           | 17.85       | Peak     | 81.00          | 100         | Horizontal | Pass    |
| 1** | 5129.417        | 44.87            | 54.0           | 9.13        | AV       | 81.00          | 100         | Horizontal | Pass    |
| 2   | 5150.000        | 54.85            | 74.0           | 19.15       | Peak     | 360.00         | 100         | Horizontal | Pass    |
| 2** | 5150.000        | 44.24            | 54.0           | 9.76        | AV       | 360.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 59.53            | 74.0           | 14.47       | Peak     | 118.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 47.58            | 54.0           | 6.42        | AV       | 118.00         | 200         | Horizontal | Pass    |
| 2   | 5365.400        | 59.88            | 74.0           | 14.12       | Peak     | 113.00         | 150         | Horizontal | Pass    |
| 2** | 5365.400        | 44.97            | 54.0           | 9.03        | AV       | 113.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5128.333        | 56.90            | 74.0           | 17.10       | Peak     | 359.00         | 150         | Horizontal | Pass    |
| 1** | 5128.333        | 44.82            | 54.0           | 9.18        | AV       | 359.00         | 150         | Horizontal | Pass    |
| 2   | 5150.000        | 54.79            | 74.0           | 19.21       | Peak     | 83.00          | 150         | Horizontal | Pass    |
| 2** | 5150.000        | 44.22            | 54.0           | 9.78        | AV       | 83.00          | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 61.71            | 74.0           | 12.29       | Peak     | 115.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 50.77            | 54.0           | 3.23        | AV       | 115.00         | 100         | Horizontal | Pass    |
| 2   | 5351.283        | 62.64            | 74.0           | 11.36       | Peak     | 156.00         | 200         | Horizontal | Pass    |
| 2** | 5351.283        | 50.64            | 54.0           | 3.36        | AV       | 156.00         | 200         | Horizontal | Pass    |
| 3   | 5350.733        | 61.72            | 74.0           | 12.28       | Peak     | 119.00         | 100         | Horizontal | Pass    |
| 3** | 5350.733        | 50.95            | 54.0           | 3.05        | AV       | 119.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 4877.000        | 56.09            | 74.0           | 17.91       | Peak     | 147.00         | 150         | Horizontal | Pass    |
| 1** | 4877.000        | 44.51            | 54.0           | 9.49        | AV       | 147.00         | 150         | Horizontal | Pass    |
| 2   | 5150.000        | 54.88            | 74.0           | 19.12       | Peak     | 103.00         | 150         | Horizontal | Pass    |
| 2** | 5150.000        | 44.41            | 54.0           | 9.59        | AV       | 103.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 64.37            | 74.0           | 9.63        | Peak     | 154.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 47.74            | 54.0           | 6.26        | AV       | 154.00         | 100         | Horizontal | Pass    |
| 2   | 5350.917        | 64.09            | 74.0           | 9.91        | Peak     | 127.00         | 200         | Horizontal | Pass    |
| 2** | 5350.917        | 47.21            | 54.0           | 6.79        | AV       | 127.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5130.500        | 56.36            | 74.0           | 17.64       | Peak     | 2.00           | 150         | Horizontal | Pass    |
| 1** | 5130.500        | 44.84            | 54.0           | 9.16        | AV       | 2.00           | 150         | Horizontal | Pass    |
| 2   | 5150.000        | 55.12            | 74.0           | 18.88       | Peak     | 310.00         | 150         | Horizontal | Pass    |
| 2** | 5150.000        | 44.53            | 54.0           | 9.47        | AV       | 310.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 61.65            | 74.0           | 12.35       | Peak     | 130.00         | 100         | Horizontal | Pass    |
| 1** | 5350.000        | 50.90            | 54.0           | 3.10        | AV       | 130.00         | 100         | Horizontal | Pass    |
| 2   | 5351.100        | 62.32            | 74.0           | 11.68       | Peak     | 130.00         | 150         | Horizontal | Pass    |
| 2** | 5351.100        | 50.52            | 54.0           | 3.48        | AV       | 130.00         | 150         | Horizontal | Pass    |
| 3   | 5352.016        | 61.85            | 74.0           | 12.15       | Peak     | 110.00         | 100         | Horizontal | Pass    |
| 3** | 5352.016        | 50.79            | 54.0           | 3.21        | AV       | 110.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5135.917        | 56.15            | 74.0           | 17.85       | Peak     | 94.00          | 100         | Horizontal | Pass    |
| 1** | 5135.917        | 44.84            | 54.0           | 9.16        | AV       | 94.00          | 100         | Horizontal | Pass    |
| 2   | 5150.000        | 54.69            | 74.0           | 19.31       | Peak     | 251.00         | 150         | Horizontal | Pass    |
| 2** | 5150.000        | 44.64            | 54.0           | 9.36        | AV       | 251.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5350.000        | 60.86            | 74.0           | 13.14       | Peak     | 127.00         | 200         | Horizontal | Pass    |
| 1** | 5350.000        | 50.06            | 54.0           | 3.94        | AV       | 127.00         | 200         | Horizontal | Pass    |
| 2   | 5353.483        | 61.86            | 74.0           | 12.14       | Peak     | 110.00         | 150         | Horizontal | Pass    |
| 2** | 5353.483        | 50.21            | 54.0           | 3.79        | AV       | 110.00         | 150         | Horizontal | Pass    |
| 3   | 5357.883        | 60.62            | 74.0           | 13.38       | Peak     | 93.00          | 100         | Horizontal | Pass    |
| 3** | 5357.883        | 50.58            | 54.0           | 3.42        | AV       | 93.00          | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5459.400        | 58.04            | 74.0           | 15.96       | Peak     | 127.00         | 100         | Horizontal | Pass    |
| 1** | 5459.400        | 43.64            | 54.0           | 10.36       | AV       | 127.00         | 100         | Horizontal | Pass    |
| 2   | 5460.000        | 56.67            | 74.0           | 17.33       | Peak     | 112.00         | 150         | Horizontal | Pass    |
| 2** | 5460.000        | 43.23            | 54.0           | 10.77       | AV       | 112.00         | 150         | Horizontal | Pass    |
| 3   | 5469.400        | 60.04            | 68.2           | 8.16        | Peak     | 154.00         | 150         | Horizontal | Pass    |
| 3** | 5469.400        | 44.32            | --             | --          | AV       | 154.00         | 150         | Horizontal | N/A     |
| 4   | 5469.800        | 59.19            | 68.2           | 9.01        | Peak     | 112.00         | 200         | Horizontal | Pass    |
| 4** | 5469.800        | 44.41            | --             | --          | AV       | 112.00         | 200         | Horizontal | N/A     |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 60.21            | 68.2           | 7.99        | Peak     | 293.00         | 100         | Horizontal | Pass    |
| 2   | 5725.416        | 61.94            | 68.2           | 6.26        | Peak     | 108.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5459.800        | 57.70            | 74.0           | 16.30       | Peak     | 106.00         | 150         | Horizontal | Pass    |
| 1** | 5459.800        | 43.59            | 54.0           | 10.41       | AV       | 106.00         | 150         | Horizontal | Pass    |
| 2   | 5460.000        | 57.40            | 74.0           | 16.60       | Peak     | 113.00         | 150         | Horizontal | Pass    |
| 2** | 5460.000        | 43.47            | 54.0           | 10.53       | AV       | 113.00         | 150         | Horizontal | Pass    |
| 3   | 5469.600        | 61.71            | 68.2           | 6.49        | Peak     | 108.00         | 100         | Horizontal | Pass    |
| 3** | 5469.600        | 44.49            | --             | --          | AV       | 108.00         | 100         | Horizontal | N/A     |
| 4   | 5469.800        | 58.21            | 68.2           | 9.99        | Peak     | 130.00         | 150         | Horizontal | Pass    |
| 4** | 5469.800        | 44.58            | --             | --          | AV       | 130.00         | 150         | Horizontal | N/A     |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 56.73            | 68.2           | 11.47       | Peak     | 105.00         | 100         | Horizontal | Pass    |
| 2   | 5737.291        | 60.37            | 68.2           | 7.83        | Peak     | 105.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5459.200        | 59.66            | 74.0           | 14.34       | Peak     | 151.00         | 100         | Horizontal | Pass    |
| 1** | 5459.200        | 45.32            | 54.0           | 8.68        | AV       | 151.00         | 100         | Horizontal | Pass    |
| 2   | 5460.000        | 57.19            | 74.0           | 16.81       | Peak     | 105.00         | 100         | Horizontal | Pass    |
| 2** | 5460.000        | 45.27            | 54.0           | 8.73        | AV       | 105.00         | 100         | Horizontal | Pass    |
| 3   | 5466.800        | 62.23            | 68.2           | 5.97        | Peak     | 154.00         | 100         | Horizontal | Pass    |
| 3** | 5466.800        | 49.07            | --             | --          | AV       | 154.00         | 100         | Horizontal | N/A     |
| 4   | 5469.800        | 60.31            | 68.2           | 7.89        | Peak     | 102.00         | 150         | Horizontal | Pass    |
| 4** | 5469.800        | 49.86            | --             | --          | AV       | 102.00         | 150         | Horizontal | N/A     |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 55.09            | 68.2           | 13.11       | Peak     | 286.00         | 150         | Horizontal | Pass    |
| 2   | 5792.500        | 58.12            | 68.2           | 10.08       | Peak     | 335.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5453.400        | 56.97            | 74.0           | 17.03       | Peak     | 129.00         | 150         | Horizontal | Pass    |
| 1** | 5453.400        | 43.01            | 54.0           | 10.99       | AV       | 129.00         | 150         | Horizontal | Pass    |
| 2   | 5460.000        | 53.66            | 74.0           | 20.34       | Peak     | 234.00         | 200         | Horizontal | Pass    |
| 2** | 5460.000        | 43.20            | 54.0           | 10.80       | AV       | 234.00         | 200         | Horizontal | Pass    |
| 3   | 5469.600        | 59.71            | 68.2           | 8.49        | Peak     | 156.00         | 150         | Horizontal | Pass    |
| 3** | 5469.600        | 44.25            | --             | --          | AV       | 156.00         | 150         | Horizontal | N/A     |
| 4   | 5469.800        | 57.12            | 68.2           | 11.08       | Peak     | 113.00         | 150         | Horizontal | Pass    |
| 4** | 5469.800        | 44.42            | --             | --          | AV       | 113.00         | 150         | Horizontal | N/A     |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 58.73            | 68.2           | 9.47        | Peak     | 181.00         | 200         | Horizontal | Pass    |
| 2   | 5727.084        | 62.91            | 68.2           | 5.29        | Peak     | 164.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5459.000        | 59.81            | 74.0           | 14.19       | Peak     | 151.00         | 100         | Horizontal | Pass    |
| 1** | 5459.000        | 44.86            | 54.0           | 9.14        | AV       | 151.00         | 100         | Horizontal | Pass    |
| 2   | 5460.000        | 57.35            | 74.0           | 16.65       | Peak     | 161.00         | 200         | Horizontal | Pass    |
| 2** | 5460.000        | 45.72            | 54.0           | 8.28        | AV       | 161.00         | 200         | Horizontal | Pass    |
| 3   | 5469.200        | 61.81            | 68.2           | 6.39        | Peak     | 154.00         | 200         | Horizontal | Pass    |
| 3** | 5469.200        | 50.23            | --             | --          | AV       | 154.00         | 200         | Horizontal | N/A     |
| 4   | 5469.800        | 60.05            | 68.2           | 8.15        | Peak     | 109.00         | 100         | Horizontal | Pass    |
| 4** | 5469.800        | 50.31            | --             | --          | AV       | 109.00         | 100         | Horizontal | N/A     |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 54.65            | 68.2           | 13.55       | Peak     | 173.00         | 200         | Horizontal | Pass    |
| 2   | 5804.583        | 57.48            | 68.2           | 10.72       | Peak     | 256.00         | 150         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5453.800        | 58.37            | 74.0           | 15.63       | Peak     | 157.00         | 150         | Horizontal | Pass    |
| 1** | 5453.800        | 46.85            | 54.0           | 7.15        | AV       | 157.00         | 150         | Horizontal | Pass    |
| 2   | 5460.000        | 57.84            | 74.0           | 16.16       | Peak     | 112.00         | 100         | Horizontal | Pass    |
| 2** | 5460.000        | 46.63            | 54.0           | 7.37        | AV       | 112.00         | 100         | Horizontal | Pass    |
| 3   | 5463.000        | 58.28            | 68.2           | 9.92        | Peak     | 107.00         | 100         | Horizontal | Pass    |
| 3** | 5463.000        | 47.02            | --             | -47.02      | AV       | 107.00         | 100         | Horizontal | N/A     |
| 4   | 5469.800        | 56.63            | 68.2           | 11.57       | Peak     | 152.00         | 200         | Horizontal | Pass    |
| 4** | 5469.800        | 46.81            | --             | -46.81      | AV       | 152.00         | 200         | Horizontal | N/A     |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5725.000        | 54.94            | 68.2           | 13.26       | Peak     | 280.00         | 150         | Horizontal | Pass    |
| 2   | 5821.042        | 57.27            | 68.2           | 10.93       | Peak     | 96.00          | 150         | Horizontal | Pass    |

## U-NII-3 11a Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5635.000        | 56.56            | 68.2           | 11.64       | Peak     | 288.00         | 150         | Horizontal | Pass    |
| 2   | 5650.000        | 55.22            | 68.2           | 12.98       | Peak     | 132.00         | 100         | Horizontal | Pass    |

## U-NII-3 11a High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 55.15            | 68.4           | 13.25       | Peak     | 86.00          | 100         | Horizontal | Pass    |
| 2   | 5974.250        | 57.71            | 68.2           | 10.49       | Peak     | 307.00         | 100         | Horizontal | Pass    |

## U-NII-3 11n20 Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5622.500        | 56.21            | 68.2           | 11.99       | Peak     | 344.00         | 200         | Horizontal | Pass    |
| 2   | 5650.000        | 55.59            | 68.2           | 12.61       | Peak     | 197.00         | 100         | Horizontal | Pass    |

## U-NII-3 11n20 High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 55.38            | 68.4           | 13.02       | Peak     | 1.00           | 100         | Horizontal | Pass    |
| 2   | 5972.000        | 58.24            | 68.2           | 9.96        | Peak     | 241.00         | 200         | Horizontal | Pass    |

## U-NII-3 11n40 Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5649.375        | 55.95            | 68.2           | 12.25       | Peak     | 0.00           | 100         | Horizontal | Pass    |
| 2   | 5650.000        | 54.71            | 68.2           | 13.49       | Peak     | 0.00           | 100         | Horizontal | Pass    |

## U-NII-3 11n40 High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 55.66            | 68.4           | 12.74       | Peak     | 1.00           | 200         | Horizontal | Pass    |
| 2   | 5978.750        | 56.94            | 68.2           | 11.26       | Peak     | 356.00         | 100         | Horizontal | Pass    |

## U-NII-3 11ac20 Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5636.458        | 56.07            | 68.2           | 12.13       | Peak     | 252.00         | 200         | Horizontal | Pass    |
| 2   | 5650.000        | 55.33            | 68.2           | 12.87       | Peak     | 93.00          | 150         | Horizontal | Pass    |

## U-NII-3 11ac20 High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 55.44            | 68.4           | 12.96       | Peak     | 0.00           | 150         | Horizontal | Pass    |
| 2   | 5933.500        | 56.79            | 68.2           | 11.41       | Peak     | 60.00          | 150         | Horizontal | Pass    |

## U-NII-3 11ac40 Low Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5635.209        | 56.18            | 68.2           | 12.02       | Peak     | 254.00         | 150         | Horizontal | Pass    |
| 2   | 5650.000        | 55.20            | 68.2           | 13.00       | Peak     | 360.00         | 100         | Horizontal | Pass    |

## U-NII-3 11ac40 High Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 55.50            | 68.4           | 12.90       | Peak     | 122.00         | 200         | Horizontal | Pass    |
| 2   | 5970.750        | 57.40            | 68.2           | 10.80       | Peak     | 105.00         | 100         | Horizontal | Pass    |

## U-NII-3 11ac80 Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5636.042        | 56.26            | 68.2           | 11.94       | Peak     | 254.00         | 200         | Horizontal | Pass    |
| 2   | 5650.000        | 55.26            | 68.2           | 12.94       | Peak     | 359.00         | 200         | Horizontal | Pass    |

## U-NII-3 11ac80 Middle Channel

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 55.51            | 68.4           | 12.89       | Peak     | 113.00         | 200         | Horizontal | Pass    |
| 2   | 5997.000        | 57.61            | 68.2           | 10.59       | Peak     | 298.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5378.800        | 56.97            | 74.0           | 17.03       | Peak     | 83.00          | 200         | Horizontal | Pass    |
| 1** | 5378.800        | 44.82            | 54.0           | 9.18        | AV       | 83.00          | 200         | Horizontal | Pass    |
| 2   | 5460.000        | 53.16            | 74.0           | 20.84       | Peak     | 137.00         | 150         | Horizontal | Pass    |
| 2** | 5460.000        | 42.69            | 54.0           | 11.31       | AV       | 137.00         | 150         | Horizontal | Pass    |
| 3   | 5462.000        | 54.00            | 68.2           | 14.20       | Peak     | 118.00         | 100         | Horizontal | Pass    |
| 3** | 5462.000        | 42.77            | --             | --          | AV       | 118.00         | 100         | Horizontal | N/A     |
| 4   | 5469.800        | 52.80            | 68.2           | 15.40       | Peak     | 149.00         | 100         | Horizontal | Pass    |
| 4** | 5469.800        | 42.59            | --             | --          | AV       | 149.00         | 100         | Horizontal | N/A     |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 55.68            | 68.4           | 12.72       | Peak     | 12.00          | 200         | Horizontal | Pass    |
| 2   | 5943.000        | 56.56            | 68.2           | 11.64       | Peak     | 0.00           | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5364.000        | 57.44            | 74.0           | 16.56       | Peak     | 125.00         | 200         | Horizontal | Pass    |
| 1** | 5364.000        | 44.24            | 54.0           | 9.76        | AV       | 125.00         | 200         | Horizontal | Pass    |
| 2   | 5460.000        | 53.47            | 74.0           | 20.53       | Peak     | 359.00         | 100         | Horizontal | Pass    |
| 2** | 5460.000        | 42.63            | 54.0           | 11.37       | AV       | 359.00         | 100         | Horizontal | Pass    |
| 3   | 5465.600        | 54.40            | 68.2           | 13.80       | Peak     | 6.00           | 100         | Horizontal | Pass    |
| 3** | 5465.600        | 43.01            | --             | --          | AV       | 6.00           | 100         | Horizontal | N/A     |
| 4   | 5469.800        | 53.14            | 68.2           | 15.06       | Peak     | 164.00         | 200         | Horizontal | Pass    |
| 4** | 5469.800        | 42.87            | --             | --          | AV       | 164.00         | 200         | Horizontal | N/A     |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 55.74            | 68.4           | 12.66       | Peak     | 286.00         | 100         | Horizontal | Pass    |
| 2   | 5948.250        | 57.49            | 68.2           | 10.71       | Peak     | 59.00          | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5382.000        | 56.34            | 74.0           | 17.66       | Peak     | 18.00          | 200         | Horizontal | Pass    |
| 1** | 5382.000        | 44.77            | 54.0           | 9.23        | AV       | 18.00          | 200         | Horizontal | Pass    |
| 2   | 5460.000        | 52.79            | 74.0           | 21.21       | Peak     | 308.00         | 150         | Horizontal | Pass    |
| 2** | 5460.000        | 42.82            | 54.0           | 11.18       | AV       | 308.00         | 150         | Horizontal | Pass    |
| 3   | 5464.200        | 54.35            | 68.2           | 13.85       | Peak     | 1.00           | 100         | Horizontal | Pass    |
| 3** | 5464.200        | 42.66            | --             | --          | AV       | 1.00           | 100         | Horizontal | N/A     |
| 4   | 5469.800        | 52.79            | 68.2           | 15.41       | Peak     | 1.00           | 200         | Horizontal | Pass    |
| 4** | 5469.800        | 42.55            | --             | --          | AV       | 1.00           | 200         | Horizontal | N/A     |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 55.88            | 68.4           | 12.52       | Peak     | 322.00         | 200         | Horizontal | Pass    |
| 2   | 5945.000        | 57.82            | 68.2           | 10.38       | Peak     | 279.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5357.600        | 56.99            | 74.0           | 17.01       | Peak     | 298.00         | 100         | Horizontal | Pass    |
| 1** | 5357.600        | 44.69            | 54.0           | 9.31        | AV       | 298.00         | 100         | Horizontal | Pass    |
| 2   | 5460.000        | 53.38            | 74.0           | 20.62       | Peak     | 260.00         | 150         | Horizontal | Pass    |
| 2** | 5460.000        | 42.62            | 54.0           | 11.38       | AV       | 260.00         | 150         | Horizontal | Pass    |
| 3   | 5469.400        | 54.65            | 68.2           | 13.55       | Peak     | 63.00          | 100         | Horizontal | Pass    |
| 3** | 5469.400        | 42.75            | --             | --          | AV       | 63.00          | 100         | Horizontal | N/A     |
| 4   | 5469.800        | 52.87            | 68.2           | 15.33       | Peak     | 109.00         | 100         | Horizontal | Pass    |
| 4** | 5469.800        | 42.57            | --             | --          | AV       | 109.00         | 100         | Horizontal | N/A     |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 55.47            | 68.4           | 12.93       | Peak     | 2.00           | 200         | Horizontal | Pass    |
| 2   | 5934.000        | 56.93            | 68.2           | 11.27       | Peak     | 106.00         | 200         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5380.200        | 56.75            | 74.0           | 17.25       | Peak     | 337.00         | 100         | Horizontal | Pass    |
| 1** | 5380.200        | 45.04            | 54.0           | 8.96        | AV       | 337.00         | 100         | Horizontal | Pass    |
| 2   | 5460.000        | 52.92            | 74.0           | 21.08       | Peak     | 356.00         | 200         | Horizontal | Pass    |
| 2** | 5460.000        | 42.63            | 54.0           | 11.37       | AV       | 356.00         | 200         | Horizontal | Pass    |
| 3   | 5464.600        | 54.46            | 68.2           | 13.74       | Peak     | 25.00          | 150         | Horizontal | Pass    |
| 3** | 5464.600        | 42.95            | --             | --          | AV       | 25.00          | 150         | Horizontal | N/A     |
| 4   | 5469.800        | 52.89            | 68.2           | 15.31       | Peak     | 339.00         | 100         | Horizontal | Pass    |
| 4** | 5469.800        | 42.67            | --             | --          | AV       | 339.00         | 100         | Horizontal | N/A     |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 56.59            | 68.4           | 11.81       | Peak     | 29.00          | 200         | Horizontal | Pass    |
| 2   | 5934.000        | 57.10            | 68.2           | 11.10       | Peak     | 270.00         | 100         | Horizontal | Pass    |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5359.000        | 56.84            | 74.0           | 17.16       | Peak     | 358.00         | 200         | Horizontal | Pass    |
| 1** | 5359.000        | 44.63            | 54.0           | 9.37        | AV       | 358.00         | 200         | Horizontal | Pass    |
| 2   | 5460.000        | 53.05            | 74.0           | 20.95       | Peak     | 12.00          | 100         | Horizontal | Pass    |
| 2** | 5460.000        | 42.87            | 54.0           | 11.13       | AV       | 12.00          | 100         | Horizontal | Pass    |
| 3   | 5463.800        | 54.33            | 68.2           | 13.87       | Peak     | 268.00         | 200         | Horizontal | Pass    |
| 3** | 5463.800        | 42.84            | --             | --          | AV       | 268.00         | 200         | Horizontal | N/A     |
| 4   | 5469.800        | 53.26            | 68.2           | 14.94       | Peak     | 230.00         | 150         | Horizontal | Pass    |
| 4** | 5469.800        | 42.86            | --             | --          | AV       | 230.00         | 150         | Horizontal | N/A     |

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

| No. | Frequency (MHz) | Results (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Table (Degree) | Height (cm) | Antenna    | Verdict |
|-----|-----------------|------------------|----------------|-------------|----------|----------------|-------------|------------|---------|
| 1   | 5924.750        | 55.37            | 68.4           | 13.03       | Peak     | 25.00          | 200         | Horizontal | Pass    |
| 2   | 5938.750        | 57.85            | 68.2           | 10.35       | Peak     | 158.00         | 150         | Horizontal | Pass    |

## **ANNEX B TEST SETUP PHOTOS**

Please refer the document “BL-SZ2570858-AR.PDF”.

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document “BL-SZ2570858-AW.PDF”.

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document “BL-SZ2570858-AI.PDF”.

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--END OF REPORT--