

# 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:** 2508CRN2BE  
**Brand Name:** Redmi  
**FCC ID:** 2AFZZRN2BE  
**Test Standard:** 47 CFR Part 15 Subpart E  
(refer to section 3.1)  
**Sample Arrival Date:** Jun. 03, 2025  
**Test Date:** Jun. 07, 2025 - Jul. 31, 2025  
**Date of Issue:** Aug. 04, 2025

**ISSUED BY:**

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Li Ganming

**Checked by:** Ye Hongji

**Approved by:** Sunny Zou

(Technical Director)

*Li Ganming*

*Ye Hongji*

*Sunny Zou*

Revision History		
Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jul. 02, 2025</u>	<u>Initial Issue</u>
<u>Rev. 02</u>	<u>Aug. 04, 2025</u>	<u>Update the test date, test equipment, temperature and humidity of the test environment, UNII-3 power &amp; PSD data, and add all the data of the straddle channel of UNII-2C &amp; UNII-3.</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	2508CRN2BE
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	135100P15
Software Version	Xiaomi HyperOS 2.0
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A
EUT ID	SC-SZ2550278: S13, S14
IMEI Number	SC-SZ2550278-S13: IMEI 1: 868544070047582; IMEI 2: 868544070047590
	SC-SZ2550278-S14: IMEI 1: 868544070063308; IMEI 2: 868544070063316

## 2.4 Technical Information

Network and Wireless connectivity	<p>2G Network GSM/GPRS/EDGE 850/1900</p> <p>3G Network WCDMA/HSDPA/HSUPA/DC-HSDPA/HSPA+ Band 2/4/5</p> <p>4G Network FDD LTE Band 2/4/5/7/12/13/17/18/19/26/66/71 TDD LTE Band 38/41/42/48</p> <p>LTE CA Uplink (UL): CA_7C, CA_38C, CA_2A-4A, CA_2A-7A, CA_4A-5A, CA_4A-7A</p> <p>5G Network</p> <p>SA: NR n2/n5/n7/n12/n26/n38/n41/n48/n66/n71/n77/n78</p> <p>NSA(EN-DC): DC_2A_n78A, DC_2A_n77A, DC_2A_n66A, DC_2A_n41A, DC_2A_n38A, DC_2A_n7A, DC_4A_n78A, DC_4A_n66A, DC_4A_n41A, DC_4A_n38A, DC_4A_n7A, DC_4A_n2A, DC_5A_n78A, DC_5A_n66A, DC_5A_n41A, DC_5A_n7A, DC_7A_n78A, DC_7A_n66A, DC_7A_n5A, DC_18A_n77A, DC_19A_n78A, DC_26A_n78A, DC_66A_n78A, DC_66A_n41A, DC_66A_n38A, DC_66A_n7A, DC_66A_n2A, DC_38A_n78A, DC_41A_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) and 802.11ac(VHT20/40/80)</p> <p>GPS, Beidou, Galileo, Glonass, NFC, FM receiver</p>
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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, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	<input type="checkbox"/> Mobile <input checked="" type="checkbox"/> Portable <input type="checkbox"/> Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 9.55 mW U-NII-2A: 9.42 mW U-NII-2C: 9.57 mW U-NII-3: 10.57 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A

Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: -1.30 dBi U-NII-2A: 5250 MHz to 5350 MHz: -0.50 dBi U-NII-2C: 5470 MHz to 5725 MHz: 0.20 dBi U-NII-3: 5725 MHz to 5850 MHz: -0.20 dBi
About the Product	The equipment is Mobile Phone, intended for used with information technology equipment.

## 2.5 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
<b>36</b>	<b>5180</b>	<b>38</b>	<b>5190</b>	<b>42</b>	<b>5210</b>
40	5200	<b>46</b>	<b>5230</b>	<b>58</b>	<b>5290</b>
<b>44</b>	<b>5220</b>	<b>54</b>	<b>5270</b>	<b>106</b>	<b>5530</b>
<b>48</b>	<b>5240</b>	<b>62</b>	<b>5310</b>	<b>122</b>	<b>5610</b>
<b>52</b>	<b>5260</b>	<b>102</b>	<b>5510</b>	<b>138</b>	<b>5690</b>
56	5280	110	5550	<b>155</b>	<b>5775</b>
<b>60</b>	<b>5300</b>	<b>118</b>	<b>5590</b>		
<b>64</b>	<b>5320</b>	126	5630		
<b>100</b>	<b>5500</b>	<b>134</b>	<b>5670</b>		
104	5520	<b>142</b>	<b>5710</b>		
108	5540	<b>151</b>	<b>5755</b>		
112	5560	<b>159</b>	<b>5795</b>		
<b>116</b>	<b>5580</b>				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
<b>140</b>	<b>5700</b>				
<b>144</b>	<b>5720</b>				
<b>149</b>	<b>5745</b>				
153	5765				
<b>157</b>	<b>5785</b>				
161	5805				
<b>165</b>	<b>5825</b>				

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
106	Low	5530	138	--	5690
122	High	5610	155	Mid	5775
138	--	5690			

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

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

### 3 SUMMARY OF TEST RESULTS

#### 3.1 Test Standards

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

#### 3.2 Test Verdict

No.	Description	FCC Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass <sup>Note1</sup>
2	RF Output Power	15.407(a)	ANNEX A.1	Pass
3	Emission Bandwidth & 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 Edge (Restricted-band)	15.407(b)	ANNEX A.6	Pass

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

Note 3: 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	40% to 69%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+19.8°C to +26.1°C
Working Voltage of the EUT	NV (Normal Voltage)	3.91V

### 4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2024.12.16	2025.12.15
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2026.04.28	2026.04.27
Spectrum Analyzer	KEYSIGHT	N9020A	MY56060183	2024.08.01	2025.07.31
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2024.07.04	2025.07.03
				2025.06.16	2026.06.15
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2024.08.01	2025.07.31
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2024.05.16	2027.05.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2024.07.28	2027.07.27
Amplifier	COM-MV	LSCX_LNA1-12G-01	7210214	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2024.08.01	2025.07.31
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2024.12.05	2025.12.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2024.08.01	2025.07.31
Test Antenna-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	2024.08.01	2025.07.31
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%

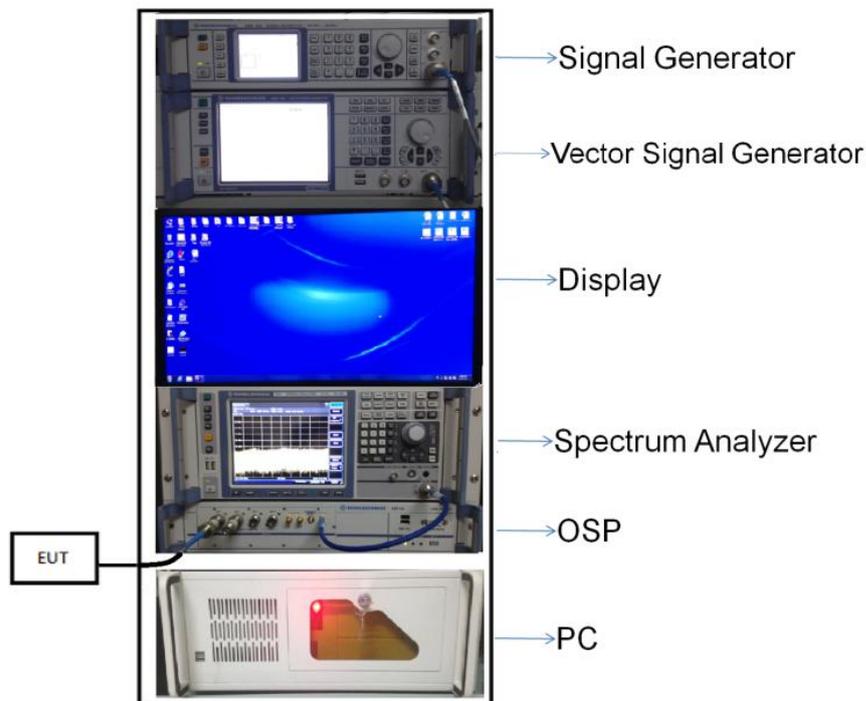
### 4.5 Description of Test Setup

#### 4.5.1 For Antenna Port Test

$$\text{Conducted value (dBm)} = \text{Measurement value (dBm)} + \text{cable loss (dB)}$$

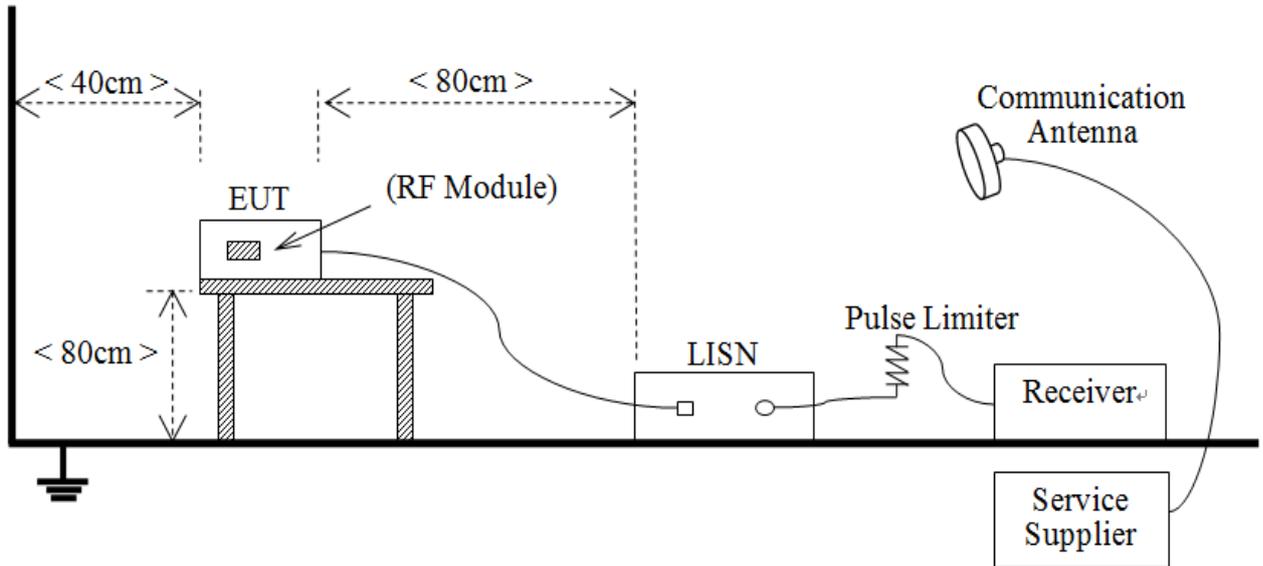
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

$$\text{Conducted value (dBm)} = 10 \text{ dBm} + 0.5 \text{ dB} = 10.5 \text{ dBm}$$



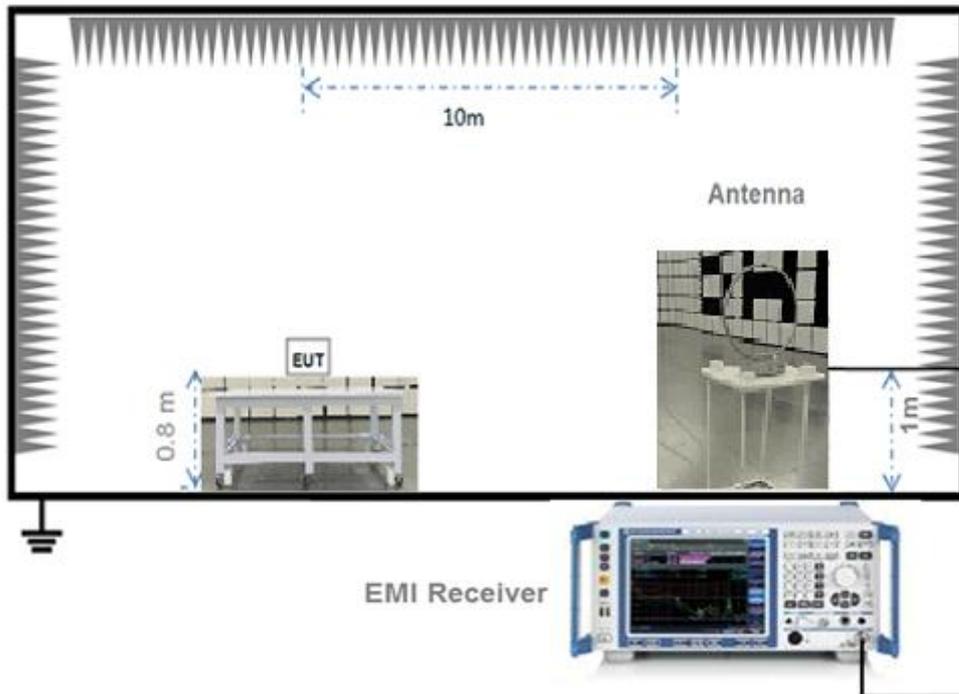
(Diagram 1)

### 4.5.2 For AC Power Supply Port Test



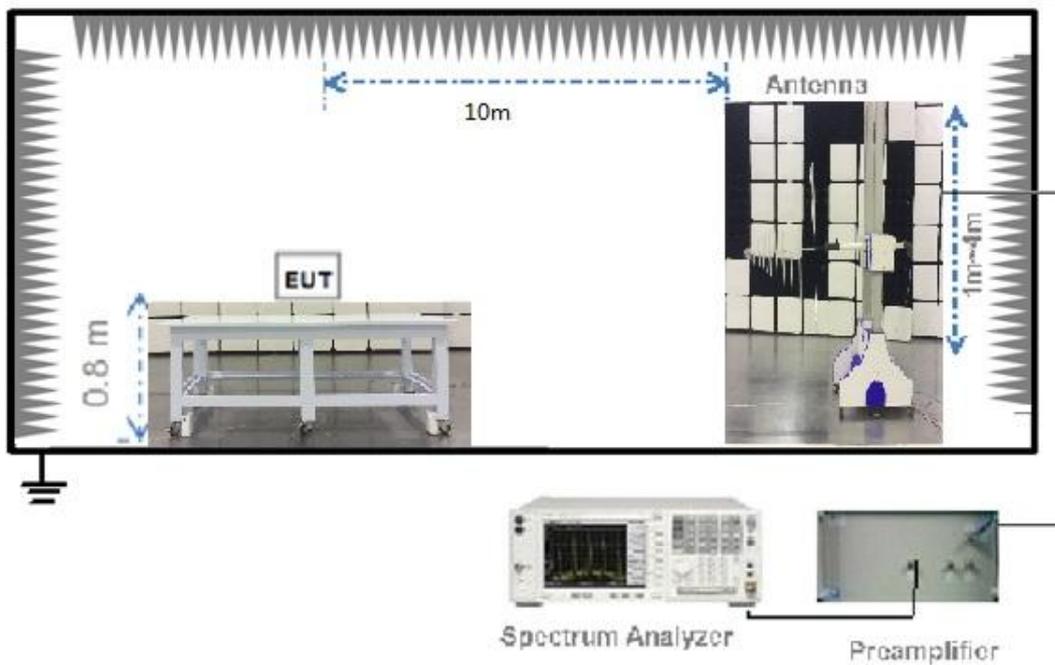
(Diagram 2)

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



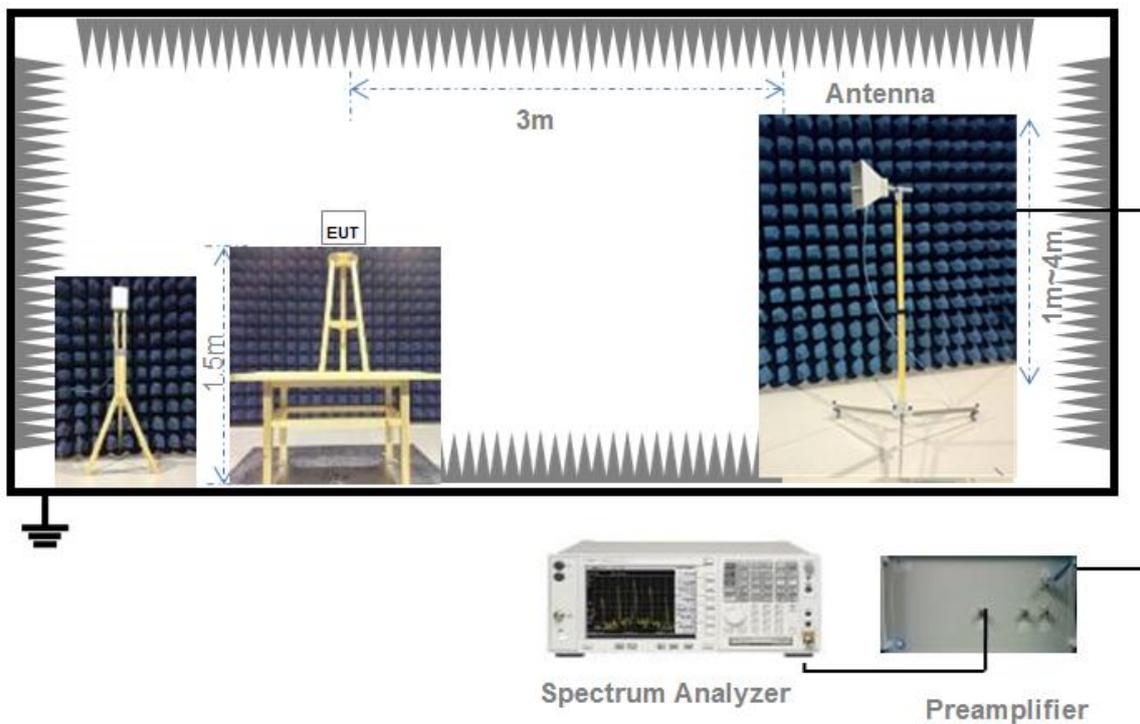
(Diagram 3)

#### 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.	

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

### 5.4.2 Test Setup

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

### 5.4.3 Test Procedure

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

### 5.4.4 Test Result

Please refer to ANNEX A.5.

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

### 5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

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

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

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

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

## 5.5.2 Test Setup

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

## 5.5.3 Test Procedure

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

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

### General Procedure for conducted measurements in restricted bands

a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).

b) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies  $\leq 30$  MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies  $> 1000$  MHz).

c) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).

d) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

e) Compare the resultant electric field strength level to the applicable limit.

f) Perform radiated spurious emission test.

### Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

#### Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

#### Determining the applicable transmit antenna gain

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

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

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

#### Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

#### 5.5.4 Test Result

Please refer to ANNEX A.6.

## ANNEX A TEST RESULT

### A.1 RF Output Power

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

#### Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.39	1.43	97.13%	0.13
11n(HT20)/11ac(VHT20)	1.30	1.34	97.31%	0.12
11n(HT40)/11ac(VHT40)	0.65	0.68	94.79%	0.23
11ac(VHT80)	0.32	0.39	81.88%	0.87

Test DataConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	9.70	9.33	250	Pass
11a	CH44	9.64	9.20	250	Pass
11a	CH48	9.58	9.08	250	Pass
11n(HT20)	CH36	9.80	9.55	250	Pass
11n(HT20)	CH44	9.76	9.46	250	Pass
11n(HT20)	CH48	9.64	9.20	250	Pass
11n(HT40)	CH38	9.54	8.99	250	Pass
11n(HT40)	CH46	9.50	8.91	250	Pass
11ac(VHT20)	CH36	9.50	8.91	250	Pass
11ac(VHT20)	CH44	9.54	8.99	250	Pass
11ac(VHT20)	CH48	9.58	9.08	250	Pass
11ac(VHT40)	CH38	9.50	8.91	250	Pass
11ac(VHT40)	CH46	9.61	9.14	250	Pass
11ac(VHT80)	CH42	8.54	7.14	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	9.68	9.29	250	Pass
11a	CH60	9.61	9.14	250	Pass
11a	CH64	9.50	8.91	250	Pass
11n(HT20)	CH52	9.74	9.42	250	Pass
11n(HT20)	CH60	9.68	9.29	250	Pass
11n(HT20)	CH64	9.60	9.12	250	Pass
11n(HT40)	CH54	9.71	9.35	250	Pass
11n(HT40)	CH62	9.64	9.20	250	Pass
11ac(VHT20)	CH52	9.68	9.29	250	Pass
11ac(VHT20)	CH60	9.60	9.12	250	Pass
11ac(VHT20)	CH64	9.60	9.12	250	Pass
11ac(VHT40)	CH54	9.67	9.27	250	Pass
11ac(VHT40)	CH62	9.61	9.14	250	Pass
11ac(VHT80)	CH58	9.30	8.51	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	9.71	9.35	250	Pass
11a	CH116	9.81	9.57	250	Pass
11a	CH140	9.54	8.99	250	Pass
11n(HT20)	CH100	9.64	9.20	250	Pass
11n(HT20)	CH116	9.65	9.23	250	Pass
11n(HT20)	CH140	9.63	9.18	250	Pass
11n(HT40)	CH102	9.20	8.32	250	Pass
11n(HT40)	CH118	9.56	9.04	250	Pass
11n(HT40)	CH134	9.50	8.91	250	Pass
11ac(VHT20)	CH100	9.60	9.12	250	Pass
11ac(VHT20)	CH116	9.58	9.08	250	Pass
11ac(VHT20)	CH140	9.73	9.40	250	Pass
11ac(VHT40)	CH102	9.81	9.57	250	Pass
11ac(VHT40)	CH118	9.69	9.31	250	Pass
11ac(VHT40)	CH134	9.72	9.38	250	Pass
11ac(VHT80)	CH106	8.61	7.26	250	Pass
11ac(VHT80)	CH122	9.34	8.59	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	9.71	9.35	1000	Pass
11a	CH157	9.84	9.64	1000	Pass
11a	CH165	9.88	9.73	1000	Pass
11n(HT20)	CH149	9.60	9.12	1000	Pass
11n(HT20)	CH157	10.19	10.45	1000	Pass
11n(HT20)	CH165	10.24	10.57	1000	Pass
11n(HT40)	CH151	10.07	10.16	1000	Pass
11n(HT40)	CH159	10.15	10.35	1000	Pass
11ac(VHT20)	CH149	9.55	9.02	1000	Pass
11ac(VHT20)	CH157	9.71	9.35	1000	Pass
11ac(VHT20)	CH165	9.58	9.08	1000	Pass
11ac(VHT40)	CH151	9.76	9.46	1000	Pass
11ac(VHT40)	CH159	10.10	10.23	1000	Pass
11ac(VHT80)	CH155	8.65	7.33	1000	Pass

U-NII-2C straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	8.33	6.81	189	Pass
11n(HT20)	CH144	8.06	6.40	191	Pass
11n(HT40)	CH142	8.76	7.52	250	Pass
11ac(VHT20)	CH144	8.08	6.43	190	Pass
11ac(VHT40)	CH142	8.75	7.50	250	Pass
11ac(VHT80)	CH138	8.81	7.60	250	Pass

U-NII-3 straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	0.93	1.24	1000	Pass
11n(HT20)	CH144	1.18	1.31	1000	Pass
11n(HT40)	CH142	-3.27	0.47	1000	Pass
11ac(VHT20)	CH144	1.11	1.29	1000	Pass
11ac(VHT40)	CH142	-3.25	0.47	1000	Pass
11ac(VHT80)	CH138	-6.60	0.22	1000	Pass

## A.2 Emission Bandwidth & 99% Bandwidth

Note 1: Test plots please refer to the document "Annex No.: BL-SZ2560099-604 Data Part 1.pdf".

### Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.15	16.48
11a	CH44	20.08	16.50
11a	CH48	20.75	16.49
11n(HT20)	CH36	20.25	17.61
11n(HT20)	CH44	20.29	17.58
11n(HT20)	CH48	20.28	17.59
11n(HT40)	CH38	40.33	36.05
11n(HT40)	CH46	40.22	36.04
11ac(VHT20)	CH36	20.29	17.56
11ac(VHT20)	CH44	20.22	17.57
11ac(VHT20)	CH48	20.23	17.56
11ac(VHT40)	CH38	40.41	36.01
11ac(VHT40)	CH46	40.50	36.02
11ac(VHT80)	CH42	81.08	75.30

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.12	16.53
11a	CH60	22.69	16.55
11a	CH64	20.01	16.50
11n(HT20)	CH52	20.22	17.63
11n(HT20)	CH60	20.41	17.63
11n(HT20)	CH64	20.35	17.62
11n(HT40)	CH54	40.50	36.11
11n(HT40)	CH62	40.45	36.13
11ac(VHT20)	CH52	20.26	17.57
11ac(VHT20)	CH60	20.36	17.58
11ac(VHT20)	CH64	20.31	17.59
11ac(VHT40)	CH54	40.53	36.02
11ac(VHT40)	CH62	40.54	36.00
11ac(VHT80)	CH58	80.73	75.28

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.04	16.49
11a	CH116	20.07	16.51
11a	CH140	19.97	16.48
11n(HT20)	CH100	20.26	17.57
11n(HT20)	CH116	20.34	17.58
11n(HT20)	CH140	20.21	17.57
11n(HT40)	CH102	40.75	36.02
11n(HT40)	CH118	40.61	36.05
11n(HT40)	CH134	40.44	36.05
11ac(VHT20)	CH100	20.36	17.55
11ac(VHT20)	CH116	20.29	17.56
11ac(VHT20)	CH140	20.21	17.54
11ac(VHT40)	CH102	40.53	36.00
11ac(VHT40)	CH118	40.70	36.05
11ac(VHT40)	CH134	40.42	36.03
11ac(VHT80)	CH106	80.81	75.32
11ac(VHT80)	CH122	81.23	75.30

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	19.97	16.47
11a	CH157	19.94	16.48
11a	CH165	20.01	16.46
11n(HT20)	CH149	20.21	17.60
11n(HT20)	CH157	20.27	17.60
11n(HT20)	CH165	20.19	17.60
11n(HT40)	CH151	40.42	36.02
11n(HT40)	CH159	40.92	36.05
11ac(VHT20)	CH149	20.21	17.55
11ac(VHT20)	CH157	20.26	17.56
11ac(VHT20)	CH165	20.20	17.55
11ac(VHT40)	CH151	40.53	36.00
11ac(VHT40)	CH159	40.58	35.99
11ac(VHT80)	CH155	80.68	75.33

U-NII-2C straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	14.98	13.24
11n(HT20)	CH144	15.14	13.78
11n(HT40)	CH142	35.36	33.01
11ac(VHT20)	CH144	15.09	13.78
11ac(VHT40)	CH142	35.15	32.99
11ac(VHT80)	CH138	75.67	72.65

U-NII-3 straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	5.04	3.24
11n(HT20)	CH144	5.13	3.79
11n(HT40)	CH142	5.36	3.03
11ac(VHT20)	CH144	5.14	3.78
11ac(VHT40)	CH142	5.49	3.01
11ac(VHT80)	CH138	5.51	2.67

### A.3 6 dB Bandwidth

Note 1: Test plots please refer to the document "Annex No.: BL-SZ2560099-604 Data Part 2.pdf".

#### Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.15	500.00	Pass
11a	CH157	15.15	500.00	Pass
11a	CH165	14.25	500.00	Pass
11n(HT20)	CH149	15.20	500.00	Pass
11n(HT20)	CH157	15.25	500.00	Pass
11n(HT20)	CH165	13.90	500.00	Pass
11n(HT40)	CH151	35.20	500.00	Pass
11n(HT40)	CH159	35.20	500.00	Pass
11ac(VHT20)	CH149	15.10	500.00	Pass
11ac(VHT20)	CH157	14.50	500.00	Pass
11ac(VHT20)	CH165	13.95	500.00	Pass
11ac(VHT40)	CH151	35.15	500.00	Pass
11ac(VHT40)	CH159	35.15	500.00	Pass
11ac(VHT80)	CH155	75.20	500.00	Pass

U-NII-3 straddle channel				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH144	2.60	500.00	Pass
11n(HT20)	CH144	2.60	500.00	Pass
11n(HT40)	CH142	2.60	500.00	Pass
11ac(VHT20)	CH144	2.55	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 1: Test plots please refer to the document "Annex No.: BL-SZ2560099-604 Data Part 3.pdf".

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	-1.52	11.00	Pass
11a	CH44	-1.62	11.00	Pass
11a	CH48	-1.69	11.00	Pass
11n(HT20)	CH36	-1.70	11.00	Pass
11n(HT20)	CH44	-1.95	11.00	Pass
11n(HT20)	CH48	-2.00	11.00	Pass
11n(HT40)	CH38	-4.82	11.00	Pass
11n(HT40)	CH46	-4.97	11.00	Pass
11ac(VHT20)	CH36	-1.76	11.00	Pass
11ac(VHT20)	CH44	-1.48	11.00	Pass
11ac(VHT20)	CH48	-1.61	11.00	Pass
11ac(VHT40)	CH38	-4.80	11.00	Pass
11ac(VHT40)	CH46	-4.52	11.00	Pass
11ac(VHT80)	CH42	-9.09	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH52	-0.78	11.00	Pass
11a	CH60	-1.13	11.00	Pass
11a	CH64	-0.70	11.00	Pass
11n(HT20)	CH52	-1.11	11.00	Pass
11n(HT20)	CH60	-0.92	11.00	Pass
11n(HT20)	CH64	-0.97	11.00	Pass
11n(HT40)	CH54	-4.25	11.00	Pass
11n(HT40)	CH62	-4.10	11.00	Pass
11ac(VHT20)	CH52	-1.20	11.00	Pass
11ac(VHT20)	CH60	-0.97	11.00	Pass
11ac(VHT20)	CH64	-0.93	11.00	Pass
11ac(VHT40)	CH54	-4.32	11.00	Pass
11ac(VHT40)	CH62	-3.91	11.00	Pass
11ac(VHT80)	CH58	-7.91	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH100	-1.95	11.00	Pass
11a	CH116	-0.97	11.00	Pass
11a	CH140	-1.74	11.00	Pass
11n(HT20)	CH100	-2.36	11.00	Pass
11n(HT20)	CH116	-1.17	11.00	Pass
11n(HT20)	CH140	-2.47	11.00	Pass
11n(HT40)	CH102	-5.26	11.00	Pass
11n(HT40)	CH118	-4.15	11.00	Pass
11n(HT40)	CH134	-4.76	11.00	Pass
11ac(VHT20)	CH100	-2.36	11.00	Pass
11ac(VHT20)	CH116	-1.20	11.00	Pass
11ac(VHT20)	CH140	-2.47	11.00	Pass
11ac(VHT40)	CH102	-5.19	11.00	Pass
11ac(VHT40)	CH118	-4.28	11.00	Pass
11ac(VHT40)	CH134	-4.76	11.00	Pass
11ac(VHT80)	CH106	-9.29	11.00	Pass
11ac(VHT80)	CH122	-8.97	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	-4.83	30.00	Pass
11a	CH157	-4.93	30.00	Pass
11a	CH165	-5.08	30.00	Pass
11n(HT20)	CH149	-5.12	30.00	Pass
11n(HT20)	CH157	-5.35	30.00	Pass
11n(HT20)	CH165	-5.35	30.00	Pass
11n(HT40)	CH151	-8.09	30.00	Pass
11n(HT40)	CH159	-8.27	30.00	Pass
11ac(VHT20)	CH149	-5.36	30.00	Pass
11ac(VHT20)	CH157	-5.23	30.00	Pass
11ac(VHT20)	CH165	-5.39	30.00	Pass
11ac(VHT40)	CH151	-8.13	30.00	Pass
11ac(VHT40)	CH159	-8.20	30.00	Pass
11ac(VHT80)	CH155	-11.58	30.00	Pass

U-NII-2C straddle channel				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH144	-1.67	11.00	Pass
11n(HT20)	CH144	-1.99	11.00	Pass
11n(HT40)	CH142	-4.76	11.00	Pass
11ac(VHT20)	CH144	-2.01	11.00	Pass
11ac(VHT40)	CH142	-4.84	11.00	Pass
11ac(VHT80)	CH138	-8.08	11.00	Pass

U-NII-3 straddle channel				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	-4.40	30.00	Pass
11n(HT20)	CH144	-4.80	30.00	Pass
11n(HT40)	CH142	-7.70	30.00	Pass
11ac(VHT20)	CH144	-4.73	30.00	Pass
11ac(VHT40)	CH142	-7.48	30.00	Pass
11ac(VHT80)	CH138	-10.78	30.00	Pass

## A.5 Conducted Emissions

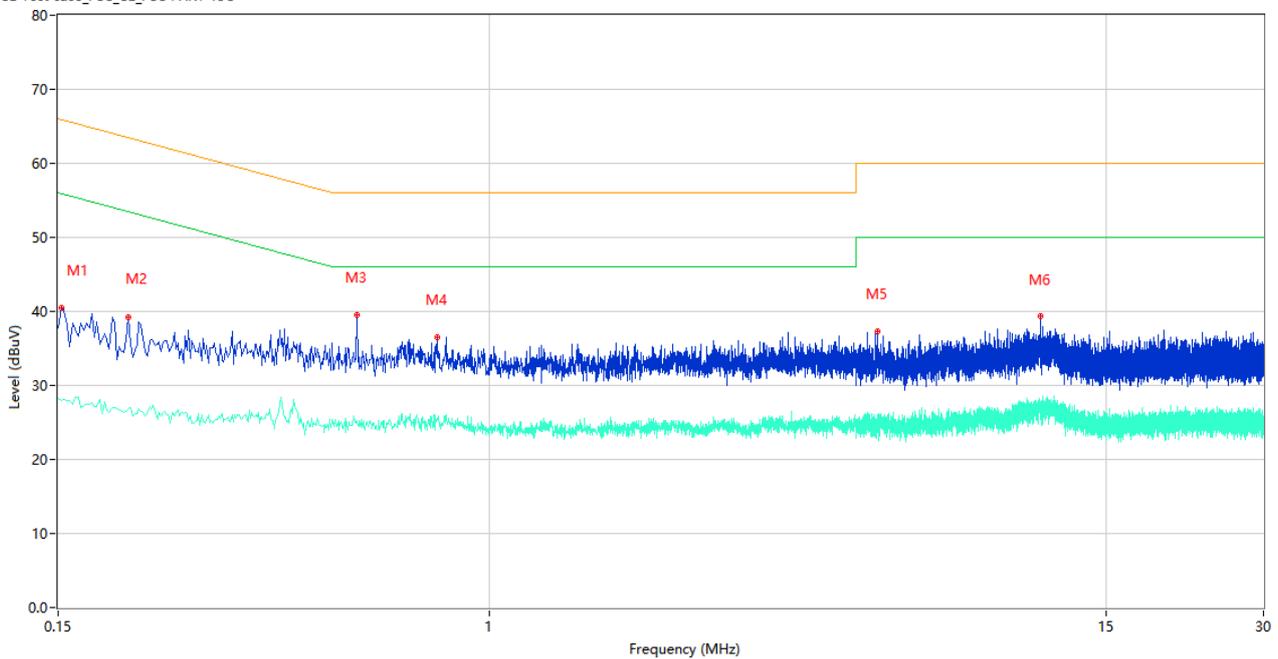
Note<sup>1</sup>: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

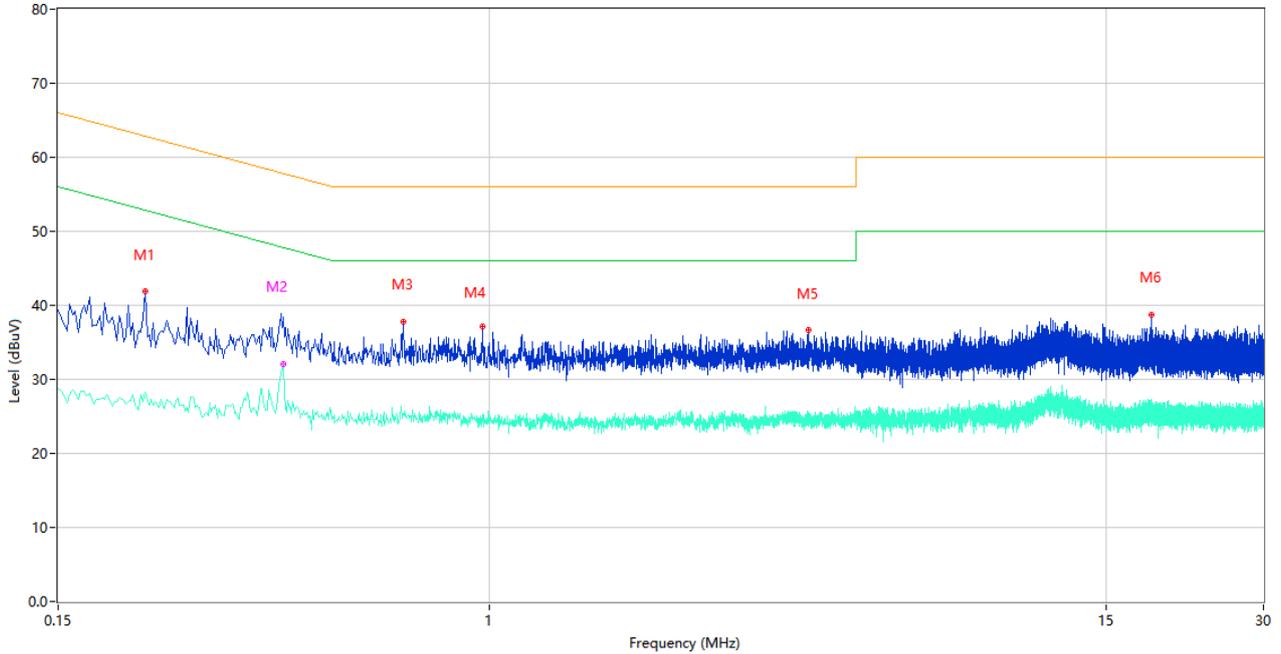
CE Test case\_FCC\_CE\_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.152	40.52	9.86	65.89	25.37	Peak	L	Pass
1**	0.152	27.98	9.86	55.89	27.91	AV	L	Pass
2	0.204	39.16	9.84	63.45	24.29	Peak	L	Pass
2**	0.204	26.89	9.84	53.45	26.56	AV	L	Pass
3	0.558	39.60	10.11	56.00	16.40	Peak	L	Pass
3**	0.558	25.28	10.11	46.00	20.72	AV	L	Pass
4	0.794	36.55	10.55	56.00	19.45	Peak	L	Pass
4**	0.794	25.46	10.55	46.00	20.54	AV	L	Pass
5	5.500	37.37	10.42	60.00	22.63	Peak	L	Pass
5**	5.500	24.43	10.42	50.00	25.57	AV	L	Pass
6	11.268	39.32	10.61	60.00	20.68	Peak	L	Pass
6**	11.268	27.58	10.61	50.00	22.42	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	0.220	41.85	9.84	62.82	20.97	Peak	N	Pass
1**	0.220	28.19	9.84	52.82	24.63	AV	N	Pass
2	0.404	38.46	10.57	57.77	19.31	Peak	N	Pass
2**	0.404	32.01	10.57	47.77	15.76	AV	N	Pass
3	0.684	37.81	10.57	56.00	18.19	Peak	N	Pass
3**	0.684	25.37	10.57	46.00	20.63	AV	N	Pass
4	0.970	37.20	10.09	56.00	18.80	Peak	N	Pass
4**	0.970	25.21	10.09	46.00	20.79	AV	N	Pass
5	4.064	36.66	10.43	56.00	19.34	Peak	N	Pass
5**	4.064	25.23	10.43	46.00	20.77	AV	N	Pass
6	18.288	38.79	11.18	60.00	21.21	Peak	N	Pass
6**	18.288	27.32	11.18	50.00	22.68	AV	N	Pass

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

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

Note 2: 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.

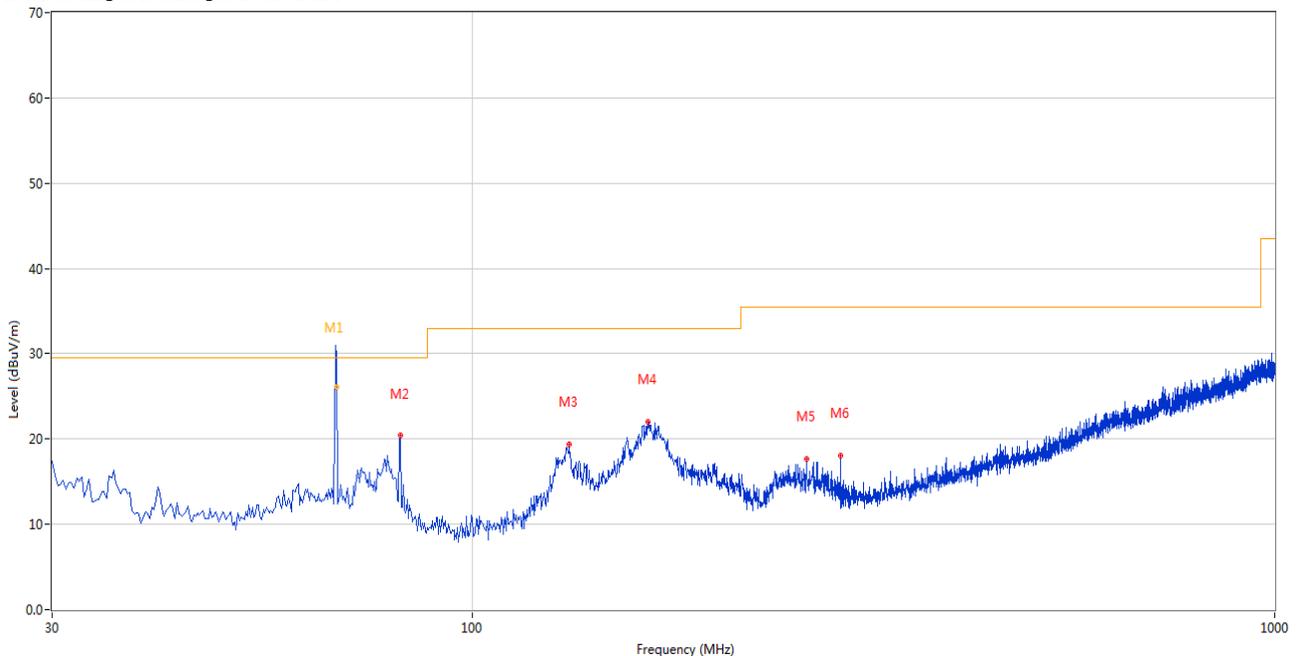
Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note 4: 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

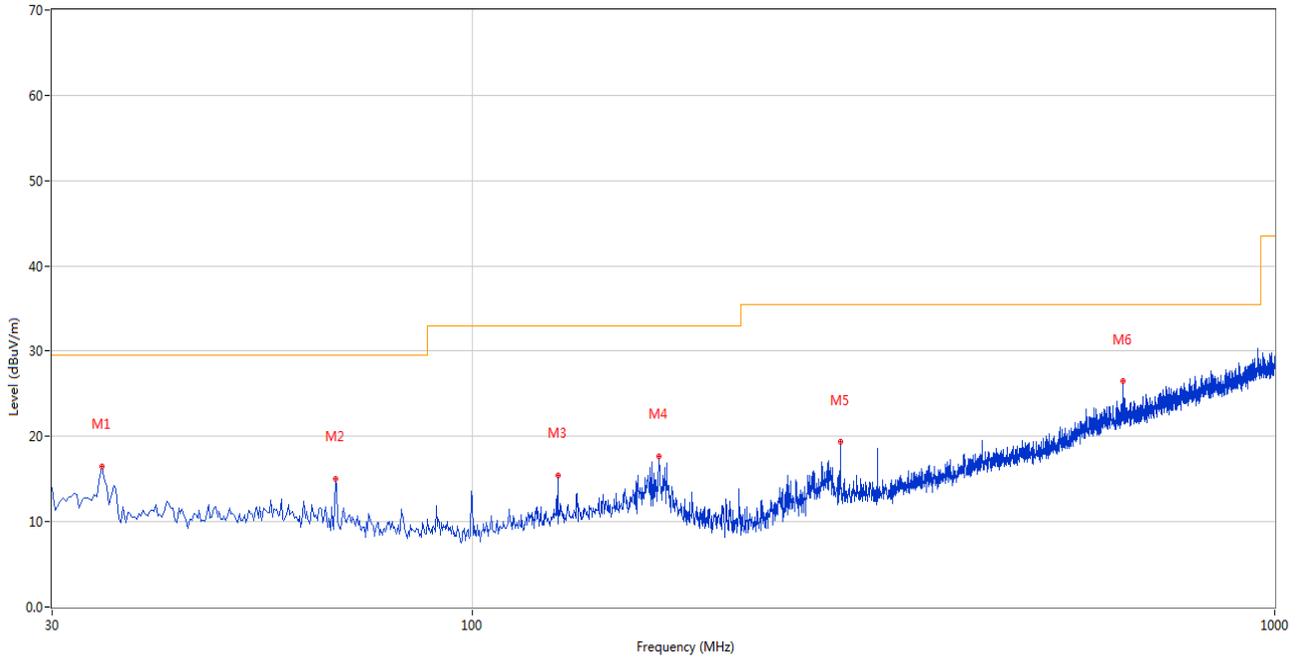
10m RE Test Case\_FCC Certification\_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	67.799	29.70	-28.76	29.5	-0.20	Peak	291.00	115	Vertical	N/A
1*	67.799	26.13	-28.76	29.5	3.37	QP	291.00	115	Vertical	Pass
2	81.397	20.37	-30.16	29.5	9.13	Peak	358.00	200	Vertical	Pass
3	132.309	19.36	-27.19	33.0	13.64	Peak	313.00	100	Vertical	Pass
4	165.524	21.99	-26.21	33.0	11.01	Peak	0.00	100	Vertical	Pass
5	261.045	17.62	-26.92	35.5	17.88	Peak	221.00	100	Vertical	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	34.606	16.48	-26.95	29.5	13.02	Peak	0.00	200	Horizontal	Pass
2	67.578	15.06	-28.76	29.5	14.44	Peak	0.00	200	Horizontal	Pass
3	127.946	15.48	-27.47	33.0	17.52	Peak	232.00	100	Horizontal	Pass
4	171.100	17.61	-26.98	33.0	15.39	Peak	244.00	200	Horizontal	Pass
5	287.956	19.31	-25.91	35.5	16.19	Peak	42.00	200	Horizontal	Pass
6	647.008	26.44	-15.80	35.5	9.06	Peak	253.00	100	Horizontal	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	1485.300	40.34	74.0	33.66	Peak	169.00	100	Horizontal	Pass
1**	1485.300	33.76	54.0	20.24	AV	169.00	100	Horizontal	Pass
2	4246.500	47.75	74.0	26.25	Peak	84.00	400	Horizontal	Pass
2**	4246.500	38.05	54.0	15.95	AV	84.00	400	Horizontal	Pass
3	5180.750	106.37	--	--	Peak	183.00	200	Horizontal	N/A
3**	5180.750	98.87	--	--	AV	183.00	200	Horizontal	N/A
4	7351.250	53.18	74.0	20.82	Peak	64.00	200	Horizontal	Pass
4**	7351.250	43.93	54.0	10.07	AV	64.00	200	Horizontal	Pass
5	12532.688	52.99	74.0	21.01	Peak	96.00	100	Horizontal	Pass
5**	12532.688	43.74	54.0	10.26	AV	96.00	100	Horizontal	Pass
6	15901.575	53.69	74.0	20.31	Peak	23.00	200	Horizontal	Pass
6**	15901.575	44.13	54.0	9.87	AV	23.00	200	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	1484.600	39.94	74.0	34.06	Peak	63.00	300	Vertical	Pass
1**	1484.600	34.11	54.0	19.89	AV	63.00	300	Vertical	Pass
2	4268.750	47.52	74.0	26.48	Peak	125.00	200	Vertical	Pass
2**	4268.750	37.58	54.0	16.42	AV	125.00	200	Vertical	Pass
3	5182.250	102.02	--	--	Peak	45.00	150	Vertical	N/A
3**	5182.250	94.12	--	--	AV	45.00	150	Vertical	N/A
4	7621.750	52.68	74.0	21.32	Peak	205.00	100	Vertical	Pass
4**	7621.750	43.87	54.0	10.13	AV	205.00	100	Vertical	Pass
5	12521.050	53.80	74.0	20.20	Peak	38.00	100	Vertical	Pass
5**	12521.050	44.32	54.0	9.68	AV	38.00	100	Vertical	Pass
6	15901.838	54.23	74.0	19.77	Peak	230.00	300	Vertical	Pass
6**	15901.838	45.01	54.0	8.99	AV	230.00	300	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	1484.500	39.93	74.0	34.07	Peak	125.00	100	Horizontal	Pass
1**	1484.500	33.48	54.0	20.52	AV	125.00	100	Horizontal	Pass
2	4306.000	48.24	74.0	25.76	Peak	307.00	200	Horizontal	Pass
2**	4306.000	37.89	54.0	16.11	AV	307.00	200	Horizontal	Pass
3	5218.750	106.67	--	--	Peak	167.00	200	Horizontal	N/A
3**	5218.750	98.91	--	--	AV	167.00	200	Horizontal	N/A
4	7599.250	52.90	74.0	21.10	Peak	67.00	300	Horizontal	Pass
4**	7599.250	43.38	54.0	10.62	AV	67.00	300	Horizontal	Pass
5	12469.276	52.93	74.0	21.07	Peak	247.00	100	Horizontal	Pass
5**	12469.276	43.89	54.0	10.11	AV	247.00	100	Horizontal	Pass
6	15709.162	54.11	74.0	19.89	Peak	319.00	100	Horizontal	Pass
6**	15709.162	44.45	54.0	9.55	AV	319.00	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	1484.700	39.23	74.0	34.77	Peak	253.00	400	Vertical	Pass
1**	1484.700	32.54	54.0	21.46	AV	253.00	400	Vertical	Pass
2	4353.250	47.25	74.0	26.75	Peak	25.00	100	Vertical	Pass
2**	4353.250	37.55	54.0	16.45	AV	25.00	100	Vertical	Pass
3	5218.250	102.38	--	--	Peak	43.00	200	Vertical	N/A
3**	5218.250	95.04	--	--	AV	43.00	200	Vertical	N/A
4	7675.000	52.57	74.0	21.43	Peak	298.00	300	Vertical	Pass
4**	7675.000	43.32	54.0	10.68	AV	298.00	300	Vertical	Pass
5	12492.313	53.75	74.0	20.25	Peak	171.00	100	Vertical	Pass
5**	12492.313	44.57	54.0	9.43	AV	171.00	100	Vertical	Pass
6	15883.463	54.45	74.0	19.55	Peak	64.00	300	Vertical	Pass
6**	15883.463	44.94	54.0	9.06	AV	64.00	300	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	1485.000	40.21	74.0	33.79	Peak	354.00	100	Horizontal	Pass
1**	1485.000	34.11	54.0	19.89	AV	354.00	100	Horizontal	Pass
2	4331.750	47.38	74.0	26.62	Peak	33.00	100	Horizontal	Pass
2**	4331.750	38.75	54.0	15.25	AV	33.00	100	Horizontal	Pass
3	5237.750	106.14	--	--	Peak	172.00	100	Horizontal	N/A
3**	5237.750	97.84	--	--	AV	172.00	100	Horizontal	N/A
4	7596.250	52.96	74.0	21.04	Peak	273.00	400	Horizontal	Pass
4**	7596.250	43.57	54.0	10.43	AV	273.00	400	Horizontal	Pass
5	12443.625	53.10	74.0	20.90	Peak	329.00	200	Horizontal	Pass
5**	12443.625	43.48	54.0	10.52	AV	329.00	200	Horizontal	Pass
6	15902.888	53.69	74.0	20.31	Peak	360.00	200	Horizontal	Pass
6**	15902.888	45.41	54.0	8.59	AV	360.00	200	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	1484.400	39.53	74.0	34.47	Peak	23.00	300	Vertical	Pass
1**	1484.400	31.41	54.0	22.59	AV	23.00	300	Vertical	Pass
2	4296.000	47.23	74.0	26.77	Peak	360.00	400	Vertical	Pass
2**	4296.000	37.65	54.0	16.35	AV	360.00	400	Vertical	Pass
3	5240.750	99.93	--	--	Peak	33.00	150	Vertical	N/A
3**	5240.750	92.55	--	--	AV	33.00	150	Vertical	N/A
4	7486.500	53.42	74.0	20.58	Peak	190.00	300	Vertical	Pass
4**	7486.500	43.19	54.0	10.81	AV	190.00	300	Vertical	Pass
5	12474.738	53.66	74.0	20.34	Peak	21.00	200	Vertical	Pass
5**	12474.738	44.07	54.0	9.93	AV	21.00	200	Vertical	Pass
6	15894.750	54.21	74.0	19.79	Peak	6.00	100	Vertical	Pass
6**	15894.750	46.03	54.0	7.97	AV	6.00	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	1621.100	39.01	74.0	34.99	Peak	182.00	400	Horizontal	Pass
1**	1621.100	28.97	54.0	25.03	AV	182.00	400	Horizontal	Pass
2	4351.500	47.42	74.0	26.58	Peak	23.00	300	Horizontal	Pass
2**	4351.500	38.50	54.0	15.50	AV	23.00	300	Horizontal	Pass
3	5181.500	107.21	--	--	Peak	162.00	200	Horizontal	N/A
3**	5181.500	99.92	--	--	AV	162.00	200	Horizontal	N/A
4	7599.250	52.99	74.0	21.01	Peak	360.00	400	Horizontal	Pass
4**	7599.250	44.72	54.0	9.28	AV	360.00	400	Horizontal	Pass
5	11502.175	53.30	74.0	20.70	Peak	45.00	100	Horizontal	Pass
5**	11502.175	43.17	54.0	10.83	AV	45.00	100	Horizontal	Pass
6	15923.363	54.34	74.0	19.66	Peak	298.00	400	Horizontal	Pass
6**	15923.363	45.20	54.0	8.80	AV	298.00	400	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	1484.800	38.74	74.0	35.26	Peak	0.00	200	Vertical	Pass
1**	1484.800	32.58	54.0	21.42	AV	0.00	200	Vertical	Pass
2	4314.000	47.08	74.0	26.92	Peak	360.00	400	Vertical	Pass
2**	4314.000	38.51	54.0	15.49	AV	360.00	400	Vertical	Pass
3	5178.750	101.92	--	--	Peak	43.00	200	Vertical	N/A
3**	5178.750	94.41	--	--	AV	43.00	200	Vertical	N/A
4	7625.750	53.14	74.0	20.86	Peak	281.00	100	Vertical	Pass
4**	7625.750	43.92	54.0	10.08	AV	281.00	100	Vertical	Pass
5	12462.862	54.07	74.0	19.93	Peak	139.00	100	Vertical	Pass
5**	12462.862	45.34	54.0	8.66	AV	139.00	100	Vertical	Pass
6	15899.737	54.39	74.0	19.61	Peak	4.00	400	Vertical	Pass
6**	15899.737	45.09	54.0	8.91	AV	4.00	400	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	1485.100	40.19	74.0	33.81	Peak	60.00	300	Horizontal	Pass
1**	1485.100	35.21	54.0	18.79	AV	60.00	300	Horizontal	Pass
2	4324.500	47.57	74.0	26.43	Peak	125.00	100	Horizontal	Pass
2**	4324.500	38.41	54.0	15.59	AV	125.00	100	Horizontal	Pass
3	5217.750	105.83	--	--	Peak	164.00	200	Horizontal	N/A
3**	5217.750	98.91	--	--	AV	164.00	200	Horizontal	N/A
4	7620.250	53.14	74.0	20.86	Peak	184.00	300	Horizontal	Pass
4**	7620.250	45.11	54.0	8.89	AV	184.00	300	Horizontal	Pass
5	12492.075	53.10	74.0	20.90	Peak	283.00	200	Horizontal	Pass
5**	12492.075	43.93	54.0	10.07	AV	283.00	200	Horizontal	Pass
6	15905.250	54.21	74.0	19.79	Peak	99.00	200	Horizontal	Pass
6**	15905.250	45.76	54.0	8.24	AV	99.00	200	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	1484.700	39.77	74.0	34.23	Peak	10.00	200	Vertical	Pass
1**	1484.700	34.54	54.0	19.46	AV	10.00	200	Vertical	Pass
2	4300.500	47.04	74.0	26.96	Peak	106.00	300	Vertical	Pass
2**	4300.500	38.06	54.0	15.94	AV	106.00	300	Vertical	Pass
3	5217.750	102.59	--	--	Peak	26.00	150	Vertical	N/A
3**	5217.750	94.18	--	--	AV	26.00	150	Vertical	N/A
4	7357.000	53.51	74.0	20.49	Peak	263.00	100	Vertical	Pass
4**	7357.000	44.61	54.0	9.39	AV	263.00	100	Vertical	Pass
5	12487.800	53.58	74.0	20.42	Peak	23.00	150	Vertical	Pass
5**	12487.800	44.11	54.0	9.89	AV	23.00	150	Vertical	Pass
6	16130.213	54.04	74.0	19.96	Peak	4.00	200	Vertical	Pass
6**	16130.213	45.67	54.0	8.33	AV	4.00	200	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	1484.400	41.08	74.0	32.92	Peak	265.00	300	Horizontal	Pass
1**	1484.400	32.93	54.0	21.07	AV	265.00	300	Horizontal	Pass
2	4322.250	47.76	74.0	26.24	Peak	188.00	100	Horizontal	Pass
2**	4322.250	37.84	54.0	16.16	AV	188.00	100	Horizontal	Pass
3	5239.000	105.24	--	--	Peak	30.00	200	Horizontal	N/A
3**	5239.000	98.89	--	--	AV	30.00	200	Horizontal	N/A
4	7354.000	53.68	74.0	20.32	Peak	128.00	100	Horizontal	Pass
4**	7354.000	43.61	54.0	10.39	AV	128.00	100	Horizontal	Pass
5	12473.787	52.74	74.0	21.26	Peak	354.00	100	Horizontal	Pass
5**	12473.787	43.92	54.0	10.08	AV	354.00	100	Horizontal	Pass
6	15904.725	53.95	74.0	20.05	Peak	91.00	200	Horizontal	Pass
6**	15904.725	45.60	54.0	8.40	AV	91.00	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	1485.400	39.86	74.0	34.14	Peak	0.00	100	Vertical	Pass
1**	1485.400	34.12	54.0	19.88	AV	0.00	100	Vertical	Pass
2	4345.250	46.98	74.0	27.02	Peak	93.00	100	Vertical	Pass
2**	4345.250	38.62	54.0	15.38	AV	93.00	100	Vertical	Pass
3	5241.250	100.01	--	--	Peak	33.00	150	Vertical	N/A
3**	5241.250	93.10	--	--	AV	33.00	150	Vertical	N/A
4	7648.500	53.09	74.0	20.91	Peak	360.00	400	Vertical	Pass
4**	7648.500	43.39	54.0	10.61	AV	360.00	400	Vertical	Pass
5	12476.162	53.33	74.0	20.67	Peak	14.00	150	Vertical	Pass
5**	12476.162	44.26	54.0	9.74	AV	14.00	150	Vertical	Pass
6	16131.262	54.28	74.0	19.72	Peak	350.00	400	Vertical	Pass
6**	16131.262	45.37	54.0	8.63	AV	350.00	400	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	1484.600	38.69	74.0	35.31	Peak	155.00	400	Horizontal	Pass
1**	1484.600	31.42	54.0	22.58	AV	155.00	400	Horizontal	Pass
2	4112.000	47.22	74.0	26.78	Peak	173.00	200	Horizontal	Pass
2**	4112.000	37.58	54.0	16.42	AV	173.00	200	Horizontal	Pass
3	5191.500	102.45	--	--	Peak	173.00	150	Horizontal	N/A
3**	5191.500	94.75	--	--	AV	173.00	150	Horizontal	N/A
4	7694.500	53.49	74.0	20.51	Peak	8.00	400	Horizontal	Pass
4**	7694.500	43.58	54.0	10.42	AV	8.00	400	Horizontal	Pass
5	12471.175	53.71	74.0	20.29	Peak	110.00	100	Horizontal	Pass
5**	12471.175	44.59	54.0	9.41	AV	110.00	100	Horizontal	Pass
6	16123.650	54.36	74.0	19.64	Peak	55.00	200	Horizontal	Pass
6**	16123.650	44.87	54.0	9.13	AV	55.00	200	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	1484.600	40.42	74.0	33.58	Peak	235.00	100	Vertical	Pass
1**	1484.600	34.16	54.0	19.84	AV	235.00	100	Vertical	Pass
2	4253.500	48.14	74.0	25.86	Peak	360.00	200	Vertical	Pass
2**	4253.500	38.88	54.0	15.12	AV	360.00	200	Vertical	Pass
3	5191.500	96.67	--	--	Peak	33.00	150	Vertical	N/A
3**	5191.500	89.38	--	--	AV	33.00	150	Vertical	N/A
4	7593.250	53.25	74.0	20.75	Peak	311.00	300	Vertical	Pass
4**	7593.250	43.77	54.0	10.23	AV	311.00	300	Vertical	Pass
5	12507.987	53.11	74.0	20.89	Peak	279.00	100	Vertical	Pass
5**	12507.987	44.08	54.0	9.92	AV	279.00	100	Vertical	Pass
6	15888.975	54.33	74.0	19.67	Peak	360.00	400	Vertical	Pass
6**	15888.975	44.95	54.0	9.05	AV	360.00	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	1484.900	40.20	74.0	33.80	Peak	21.00	300	Horizontal	Pass
1**	1484.900	34.67	54.0	19.33	AV	21.00	300	Horizontal	Pass
2	4316.000	47.38	74.0	26.62	Peak	72.00	300	Horizontal	Pass
2**	4316.000	37.91	54.0	16.09	AV	72.00	300	Horizontal	Pass
3	5227.750	101.96	--	--	Peak	156.00	100	Horizontal	N/A
3**	5227.750	94.53	--	--	AV	156.00	100	Horizontal	N/A
4	7612.000	53.46	74.0	20.54	Peak	8.00	400	Horizontal	Pass
4**	7612.000	44.62	54.0	9.38	AV	8.00	400	Horizontal	Pass
5	12443.862	53.67	74.0	20.33	Peak	204.00	200	Horizontal	Pass
5**	12443.862	43.57	54.0	10.43	AV	204.00	200	Horizontal	Pass
6	16107.112	54.91	74.0	19.09	Peak	336.00	400	Horizontal	Pass
6**	16107.112	45.66	54.0	8.34	AV	336.00	400	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	1485.400	40.18	74.0	33.82	Peak	360.00	200	Vertical	Pass
1**	1485.400	34.12	54.0	19.88	AV	360.00	200	Vertical	Pass
2	4249.750	47.13	74.0	26.87	Peak	273.00	100	Vertical	Pass
2**	4249.750	38.83	54.0	15.17	AV	273.00	100	Vertical	Pass
3	5228.250	97.54	--	--	Peak	33.00	150	Vertical	N/A
3**	5228.250	89.87	--	--	AV	33.00	150	Vertical	N/A
4	7352.500	53.38	74.0	20.62	Peak	8.00	200	Vertical	Pass
4**	7352.500	44.59	54.0	9.41	AV	8.00	200	Vertical	Pass
5	12470.462	53.10	74.0	20.90	Peak	313.00	200	Vertical	Pass
5**	12470.462	43.94	54.0	10.06	AV	313.00	200	Vertical	Pass
6	15888.451	53.85	74.0	20.15	Peak	222.00	300	Vertical	Pass
6**	15888.451	44.70	54.0	9.30	AV	222.00	300	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	1485.300	39.87	74.0	34.13	Peak	273.00	100	Horizontal	Pass
1**	1485.300	33.30	54.0	20.70	AV	273.00	100	Horizontal	Pass
2	4169.000	47.67	74.0	26.33	Peak	305.00	400	Horizontal	Pass
2**	4169.000	36.86	54.0	17.14	AV	305.00	400	Horizontal	Pass
3	5181.500	106.84	--	--	Peak	165.00	200	Horizontal	N/A
3**	5181.500	99.45	--	--	AV	165.00	200	Horizontal	N/A
4	7660.250	53.16	74.0	20.84	Peak	266.00	200	Horizontal	Pass
4**	7660.250	44.87	54.0	9.13	AV	266.00	200	Horizontal	Pass
5	12478.537	53.54	74.0	20.46	Peak	298.00	150	Horizontal	Pass
5**	12478.537	44.27	54.0	9.73	AV	298.00	150	Horizontal	Pass
6	16116.300	53.93	74.0	20.07	Peak	33.00	300	Horizontal	Pass
6**	16116.300	44.75	54.0	9.25	AV	33.00	300	Horizontal	PassN

## 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	1484.700	38.53	74.0	35.47	Peak	63.00	200	Vertical	Pass
1**	1484.700	31.31	54.0	22.69	AV	63.00	200	Vertical	Pass
2	4334.000	47.70	74.0	26.30	Peak	106.00	300	Vertical	Pass
2**	4334.000	38.03	54.0	15.97	AV	106.00	300	Vertical	Pass
3	5182.250	102.05	--	--	Peak	26.00	150	Vertical	N/A
3**	5182.250	94.58	--	--	AV	26.00	150	Vertical	N/A
4	7604.250	52.72	74.0	21.28	Peak	264.00	100	Vertical	Pass
4**	7604.250	43.94	54.0	10.06	AV	264.00	100	Vertical	Pass
5	12466.187	53.36	74.0	20.64	Peak	334.00	100	Vertical	Pass
5**	12466.187	44.30	54.0	9.70	AV	334.00	100	Vertical	Pass
6	16127.325	54.17	74.0	19.83	Peak	125.00	400	Vertical	Pass
6**	16127.325	45.82	54.0	8.18	AV	125.00	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	1485.200	39.21	74.0	34.79	Peak	235.00	300	Horizontal	Pass
1**	1485.200	32.76	54.0	21.24	AV	235.00	300	Horizontal	Pass
2	4281.750	47.43	74.0	26.57	Peak	26.00	300	Horizontal	Pass
2**	4281.750	39.29	54.0	14.71	AV	26.00	300	Horizontal	Pass
3	5218.250	106.53	--	--	Peak	166.00	200	Horizontal	N/A
3**	5218.250	99.33	--	--	AV	166.00	200	Horizontal	N/A
4	7625.500	53.11	74.0	20.89	Peak	184.00	100	Horizontal	Pass
4**	7625.500	44.20	54.0	9.80	AV	184.00	100	Horizontal	Pass
5	12491.600	53.48	74.0	20.52	Peak	30.00	150	Horizontal	Pass
5**	12491.600	43.56	54.0	10.44	AV	30.00	150	Horizontal	Pass
6	15901.838	54.40	74.0	19.60	Peak	86.00	200	Horizontal	Pass
6**	15901.838	46.82	54.0	7.18	AV	86.00	200	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	1484.800	40.38	74.0	33.62	Peak	201.00	100	Vertical	Pass
1**	1484.800	34.29	54.0	19.71	AV	201.00	100	Vertical	Pass
2	4137.000	47.57	74.0	26.43	Peak	358.00	400	Vertical	Pass
2**	4137.000	37.74	54.0	16.26	AV	358.00	400	Vertical	Pass
3	5218.500	102.39	--	--	Peak	43.00	150	Vertical	N/A
3**	5218.500	94.77	--	--	AV	43.00	150	Vertical	N/A
4	7627.250	53.37	74.0	20.63	Peak	360.00	200	Vertical	Pass
4**	7627.250	44.06	54.0	9.94	AV	360.00	200	Vertical	Pass
5	12495.875	53.22	74.0	20.78	Peak	123.00	100	Vertical	Pass
5**	12495.875	45.05	54.0	8.95	AV	123.00	100	Vertical	Pass
6	15908.662	54.88	74.0	19.12	Peak	360.00	200	Vertical	Pass
6**	15908.662	45.05	54.0	8.95	AV	360.00	200	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	1484.900	41.26	74.0	32.74	Peak	104.00	300	Horizontal	Pass
1**	1484.900	36.91	54.0	17.09	AV	104.00	300	Horizontal	Pass
2	4338.250	47.21	74.0	26.79	Peak	229.00	400	Horizontal	Pass
2**	4338.250	38.86	54.0	15.14	AV	229.00	400	Horizontal	Pass
3	5241.250	105.29	--	--	Peak	168.00	100	Horizontal	N/A
3**	5241.250	98.23	--	--	AV	168.00	100	Horizontal	N/A
4	7356.250	52.58	74.0	21.42	Peak	307.00	300	Horizontal	Pass
4**	7356.250	43.89	54.0	10.11	AV	307.00	300	Horizontal	Pass
5	11799.287	53.03	74.0	20.97	Peak	81.00	100	Horizontal	Pass
5**	11799.287	43.58	54.0	10.42	AV	81.00	100	Horizontal	Pass
6	15777.937	53.77	74.0	20.23	Peak	6.00	100	Horizontal	Pass
6**	15777.937	44.24	54.0	9.76	AV	6.00	100	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	1485.200	40.24	74.0	33.76	Peak	89.00	300	Vertical	Pass
1**	1485.200	35.01	54.0	18.99	AV	89.00	300	Vertical	Pass
2	4320.750	47.67	74.0	26.33	Peak	7.00	100	Vertical	Pass
2**	4320.750	38.43	54.0	15.57	AV	7.00	100	Vertical	Pass
3	5239.000	99.97	--	--	Peak	33.00	150	Vertical	N/A
3**	5239.000	93.23	--	--	AV	33.00	150	Vertical	N/A
4	7599.500	53.29	74.0	20.71	Peak	132.00	300	Vertical	Pass
4**	7599.500	44.49	54.0	9.51	AV	132.00	300	Vertical	Pass
5	12526.037	53.46	74.0	20.54	Peak	126.00	200	Vertical	Pass
5**	12526.037	44.28	54.0	9.72	AV	126.00	200	Vertical	Pass
6	16106.063	54.22	74.0	19.78	Peak	8.00	100	Vertical	Pass
6**	16106.063	45.14	54.0	8.86	AV	8.00	100	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	1485.000	40.33	74.0	33.67	Peak	118.00	200	Horizontal	Pass
1**	1485.000	35.16	54.0	18.84	AV	118.00	200	Horizontal	Pass
2	4365.250	47.58	74.0	26.42	Peak	331.00	200	Horizontal	Pass
2**	4365.250	37.77	54.0	16.23	AV	331.00	200	Horizontal	Pass
3	5191.750	102.12	--	--	Peak	171.00	200	Horizontal	N/A
3**	5191.750	94.11	--	--	AV	171.00	200	Horizontal	N/A
4	7630.750	52.46	74.0	21.54	Peak	171.00	100	Horizontal	Pass
4**	7630.750	43.27	54.0	10.73	AV	171.00	100	Horizontal	Pass
5	12450.987	53.37	74.0	20.63	Peak	137.00	100	Horizontal	Pass
5**	12450.987	43.80	54.0	10.20	AV	137.00	100	Horizontal	Pass
6	15396.263	54.63	74.0	19.37	Peak	132.00	300	Horizontal	Pass
6**	15396.263	45.57	54.0	8.43	AV	132.00	300	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	1484.700	39.85	74.0	34.15	Peak	159.00	300	Vertical	Pass
1**	1484.700	33.89	54.0	20.11	AV	159.00	300	Vertical	Pass
2	4279.250	47.04	74.0	26.96	Peak	137.00	100	Vertical	Pass
2**	4279.250	37.71	54.0	16.29	AV	137.00	100	Vertical	Pass
3	5186.250	96.92	--	--	Peak	33.00	150	Vertical	N/A
3**	5186.250	89.04	--	--	AV	33.00	150	Vertical	N/A
4	7423.750	53.19	74.0	20.81	Peak	137.00	200	Vertical	Pass
4**	7423.750	43.52	54.0	10.48	AV	137.00	200	Vertical	Pass
5	12512.975	53.62	74.0	20.38	Peak	142.00	150	Vertical	Pass
5**	12512.975	44.60	54.0	9.40	AV	142.00	150	Vertical	Pass
6	16131.526	54.11	74.0	19.89	Peak	48.00	400	Vertical	Pass
6**	16131.526	45.77	54.0	8.23	AV	48.00	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	1484.700	40.07	74.0	33.93	Peak	21.00	200	Horizontal	Pass
1**	1484.700	33.50	54.0	20.50	AV	21.00	200	Horizontal	Pass
2	4040.250	47.69	74.0	26.31	Peak	8.00	200	Horizontal	Pass
2**	4040.250	37.95	54.0	16.05	AV	8.00	200	Horizontal	Pass
3	5227.000	102.02	--	--	Peak	173.00	100	Horizontal	N/A
3**	5227.000	94.18	--	--	AV	173.00	100	Horizontal	N/A
4	7583.250	53.20	74.0	20.80	Peak	54.00	100	Horizontal	Pass
4**	7583.250	44.17	54.0	9.83	AV	54.00	100	Horizontal	Pass
5	12459.300	53.10	74.0	20.90	Peak	116.00	150	Horizontal	Pass
5**	12459.300	45.00	54.0	9.00	AV	116.00	150	Horizontal	Pass
6	15901.050	54.54	74.0	19.46	Peak	93.00	300	Horizontal	Pass
6**	15901.050	45.13	54.0	8.87	AV	93.00	300	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	1485.600	39.82	74.0	34.18	Peak	55.00	100	Vertical	Pass
1**	1485.600	32.13	54.0	21.87	AV	55.00	100	Vertical	Pass
2	4243.250	47.50	74.0	26.50	Peak	312.00	200	Vertical	Pass
2**	4243.250	37.56	54.0	16.44	AV	312.00	200	Vertical	Pass
3	5232.000	96.54	--	--	Peak	35.00	100	Vertical	N/A
3**	5232.000	89.25	--	--	AV	35.00	100	Vertical	N/A
4	7632.750	53.09	74.0	20.91	Peak	35.00	100	Vertical	Pass
4**	7632.750	43.72	54.0	10.28	AV	35.00	100	Vertical	Pass
5	12474.500	53.48	74.0	20.52	Peak	70.00	200	Vertical	Pass
5**	12474.500	44.48	54.0	9.52	AV	70.00	200	Vertical	Pass
6	16077.187	54.10	74.0	19.90	Peak	232.00	300	Vertical	Pass
6**	16077.187	44.14	54.0	9.86	AV	232.00	300	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	1484.800	41.04	74.0	32.96	Peak	87.00	100	Horizontal	Pass
1**	1484.800	36.72	54.0	17.28	AV	87.00	100	Horizontal	Pass
2	4304.000	47.78	74.0	26.22	Peak	195.00	300	Horizontal	Pass
2**	4304.000	37.39	54.0	16.61	AV	195.00	300	Horizontal	Pass
3	5213.750	97.87	--	--	Peak	154.00	200	Horizontal	N/A
3**	5213.750	91.35	--	--	AV	154.00	200	Horizontal	N/A
4	7607.500	53.51	74.0	20.49	Peak	360.00	300	Horizontal	Pass
4**	7607.500	44.32	54.0	9.68	AV	360.00	300	Horizontal	Pass
5	12469.037	53.05	74.0	20.95	Peak	360.00	100	Horizontal	Pass
5**	12469.037	44.32	54.0	9.68	AV	360.00	100	Horizontal	Pass
6	15928.088	53.81	74.0	20.19	Peak	8.00	200	Horizontal	Pass
6**	15928.088	45.18	54.0	8.82	AV	8.00	200	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	1484.800	40.37	74.0	33.63	Peak	208.00	100	Vertical	Pass
1**	1484.800	35.48	54.0	18.52	AV	208.00	100	Vertical	Pass
2	4399.500	47.40	74.0	26.60	Peak	9.00	300	Vertical	Pass
2**	4399.500	38.00	54.0	16.00	AV	9.00	300	Vertical	Pass
3	5213.500	94.24	--	--	Peak	37.00	200	Vertical	N/A
3**	5213.500	86.55	--	--	AV	37.00	200	Vertical	N/A
4	7599.750	53.20	74.0	20.80	Peak	326.00	100	Vertical	Pass
4**	7599.750	43.50	54.0	10.50	AV	326.00	100	Vertical	Pass
5	12473.075	53.88	74.0	20.12	Peak	231.00	100	Vertical	Pass
5**	12473.075	43.75	54.0	10.25	AV	231.00	100	Vertical	Pass
6	16129.688	54.51	74.0	19.49	Peak	234.00	200	Vertical	Pass
6**	16129.688	45.16	54.0	8.84	AV	234.00	200	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	1484.800	41.67	74.0	32.33	Peak	0.00	400	Horizontal	Pass
1**	1484.800	35.47	54.0	18.53	AV	0.00	400	Horizontal	Pass
2	4338.750	47.35	74.0	26.65	Peak	115.00	300	Horizontal	Pass
2**	4338.750	37.88	54.0	16.12	AV	115.00	300	Horizontal	Pass
3	5259.250	106.85	--	--	Peak	176.00	100	Horizontal	N/A
3**	5259.250	100.54	--	--	AV	176.00	100	Horizontal	N/A
4	7605.000	52.58	74.0	21.42	Peak	33.00	400	Horizontal	Pass
4**	7605.000	43.72	54.0	10.28	AV	33.00	400	Horizontal	Pass
5	12499.675	53.78	74.0	20.22	Peak	80.00	100	Horizontal	Pass
5**	12499.675	44.19	54.0	9.81	AV	80.00	100	Horizontal	Pass
6	15886.875	54.18	74.0	19.82	Peak	299.00	100	Horizontal	Pass
6**	15886.875	45.52	54.0	8.48	AV	299.00	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	1484.400	39.84	74.0	34.16	Peak	247.00	400	Vertical	Pass
1**	1484.400	32.23	54.0	21.77	AV	247.00	400	Vertical	Pass
2	4337.500	47.09	74.0	26.91	Peak	74.00	200	Vertical	Pass
2**	4337.500	38.11	54.0	15.89	AV	74.00	200	Vertical	Pass
3	5261.000	101.49	--	--	Peak	35.00	100	Vertical	N/A
3**	5261.000	95.08	--	--	AV	35.00	100	Vertical	N/A
4	7254.750	53.18	74.0	20.82	Peak	9.00	300	Vertical	Pass
4**	7254.750	42.71	54.0	11.29	AV	9.00	300	Vertical	Pass
5	12465.950	52.79	74.0	21.21	Peak	351.00	150	Vertical	Pass
5**	12465.950	44.08	54.0	9.92	AV	351.00	150	Vertical	Pass
6	15907.088	54.54	74.0	19.46	Peak	184.00	100	Vertical	Pass
6**	15907.088	45.16	54.0	8.84	AV	184.00	100	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	1485.100	40.91	74.0	33.09	Peak	285.00	100	Horizontal	Pass
1**	1485.100	36.01	54.0	17.99	AV	285.00	100	Horizontal	Pass
2	4291.750	48.04	74.0	25.96	Peak	314.00	400	Horizontal	Pass
2**	4291.750	38.63	54.0	15.37	AV	314.00	400	Horizontal	Pass
3	5298.500	106.47	--	--	Peak	176.00	200	Horizontal	N/A
3**	5298.500	99.11	--	--	AV	176.00	200	Horizontal	N/A
4	7712.250	52.87	74.0	21.13	Peak	353.00	300	Horizontal	Pass
4**	7712.250	42.54	54.0	11.46	AV	353.00	300	Horizontal	Pass
5	12444.812	52.82	74.0	21.18	Peak	26.00	200	Horizontal	Pass
5**	12444.812	43.79	54.0	10.21	AV	26.00	200	Horizontal	Pass
6	15919.425	54.15	74.0	19.85	Peak	134.00	200	Horizontal	Pass
6**	15919.425	44.48	54.0	9.52	AV	134.00	200	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	1484.900	39.90	74.0	34.10	Peak	279.00	200	Vertical	Pass
1**	1484.900	34.75	54.0	19.25	AV	279.00	200	Vertical	Pass
2	4205.000	47.27	74.0	26.73	Peak	175.00	100	Vertical	Pass
2**	4205.000	37.41	54.0	16.59	AV	175.00	100	Vertical	Pass
3	5301.750	102.07	--	--	Peak	33.00	150	Vertical	N/A
3**	5301.750	94.21	--	--	AV	33.00	150	Vertical	N/A
4	7351.750	52.71	74.0	21.29	Peak	353.00	400	Vertical	Pass
4**	7351.750	44.21	54.0	9.79	AV	353.00	400	Vertical	Pass
5	12531.500	52.80	74.0	21.20	Peak	232.00	200	Vertical	Pass
5**	12531.500	43.59	54.0	10.41	AV	232.00	200	Vertical	Pass
6	15877.687	54.72	74.0	19.28	Peak	180.00	200	Vertical	Pass
6**	15877.687	44.85	54.0	9.15	AV	180.00	200	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	1484.800	41.03	74.0	32.97	Peak	319.00	300	Horizontal	Pass
1**	1484.800	36.79	54.0	17.21	AV	319.00	300	Horizontal	Pass
2	4377.000	47.15	74.0	26.85	Peak	275.00	100	Horizontal	Pass
2**	4377.000	38.34	54.0	15.66	AV	275.00	100	Horizontal	Pass
3	5318.250	106.33	--	--	Peak	154.00	200	Horizontal	N/A
3**	5318.250	98.90	--	--	AV	154.00	200	Horizontal	N/A
4	7529.500	52.76	74.0	21.24	Peak	336.00	200	Horizontal	Pass
4**	7529.500	42.72	54.0	11.28	AV	336.00	200	Horizontal	Pass
5	12470.938	53.21	74.0	20.79	Peak	104.00	150	Horizontal	Pass
5**	12470.938	44.10	54.0	9.90	AV	104.00	150	Horizontal	Pass
6	15902.099	54.42	74.0	19.58	Peak	55.00	300	Horizontal	Pass
6**	15902.099	44.71	54.0	9.29	AV	55.00	300	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	1484.800	40.41	74.0	33.59	Peak	254.00	100	Vertical	Pass
1**	1484.800	33.63	54.0	20.37	AV	254.00	100	Vertical	Pass
2	4055.750	47.76	74.0	26.24	Peak	36.00	400	Vertical	Pass
2**	4055.750	37.18	54.0	16.82	AV	36.00	400	Vertical	Pass
3	5321.250	102.93	--	--	Peak	36.00	100	Vertical	N/A
3**	5321.250	96.07	--	--	AV	36.00	100	Vertical	N/A
4	7644.250	52.71	74.0	21.29	Peak	360.00	100	Vertical	Pass
4**	7644.250	43.75	54.0	10.25	AV	360.00	100	Vertical	Pass
5	11802.138	53.49	74.0	20.51	Peak	0.00	200	Vertical	Pass
5**	11802.138	43.03	54.0	10.97	AV	0.00	200	Vertical	Pass
6	16133.363	54.17	74.0	19.83	Peak	35.00	100	Vertical	Pass
6**	16133.363	44.65	54.0	9.35	AV	35.00	100	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	1484.900	40.57	74.0	33.43	Peak	351.00	300	Horizontal	Pass
1**	1484.900	35.97	54.0	18.03	AV	351.00	300	Horizontal	Pass
2	4380.250	47.24	74.0	26.76	Peak	91.00	300	Horizontal	Pass
2**	4380.250	38.12	54.0	15.88	AV	91.00	300	Horizontal	Pass
3	5258.750	106.34	--	--	Peak	171.00	150	Horizontal	N/A
3**	5258.750	99.17	--	--	AV	171.00	150	Horizontal	N/A
4	7645.000	53.37	74.0	20.63	Peak	132.00	100	Horizontal	Pass
4**	7645.000	44.33	54.0	9.67	AV	132.00	100	Horizontal	Pass
5	11770.313	53.46	74.0	20.54	Peak	352.00	100	Horizontal	Pass
5**	11770.313	43.10	54.0	10.90	AV	352.00	100	Horizontal	Pass
6	15661.388	54.80	74.0	19.20	Peak	8.00	100	Horizontal	Pass
6**	15661.388	44.32	54.0	9.68	AV	8.00	100	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	1484.800	42.15	74.0	31.85	Peak	154.00	200	Vertical	Pass
1**	1484.800	37.52	54.0	16.48	AV	154.00	200	Vertical	Pass
2	4387.000	48.42	74.0	25.58	Peak	333.00	200	Vertical	Pass
2**	4387.000	38.26	54.0	15.74	AV	333.00	200	Vertical	Pass
3	5262.750	101.91	--	--	Peak	54.00	100	Vertical	N/A
3**	5262.750	94.31	--	--	AV	54.00	100	Vertical	N/A
4	7620.250	53.50	74.0	20.50	Peak	360.00	300	Vertical	Pass
4**	7620.250	44.35	54.0	9.65	AV	360.00	300	Vertical	Pass
5	12472.362	53.60	74.0	20.40	Peak	72.00	150	Vertical	Pass
5**	12472.362	44.31	54.0	9.69	AV	72.00	150	Vertical	Pass
6	15908.924	54.59	74.0	19.41	Peak	9.00	400	Vertical	Pass
6**	15908.924	44.94	54.0	9.06	AV	9.00	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	1484.900	39.37	74.0	34.63	Peak	128.00	100	Horizontal	Pass
1**	1484.900	33.26	54.0	20.74	AV	128.00	100	Horizontal	Pass
2	4157.750	47.22	74.0	26.78	Peak	33.00	300	Horizontal	Pass
2**	4157.750	38.08	54.0	15.92	AV	33.00	300	Horizontal	Pass
3	5301.000	105.96	--	--	Peak	173.00	100	Horizontal	N/A
3**	5301.000	98.66	--	--	AV	173.00	100	Horizontal	N/A
4	7435.000	53.44	74.0	20.56	Peak	173.00	300	Horizontal	Pass
4**	7435.000	43.78	54.0	10.22	AV	173.00	300	Horizontal	Pass
5	12492.550	52.80	74.0	21.20	Peak	353.00	200	Horizontal	Pass
5**	12492.550	44.15	54.0	9.85	AV	353.00	200	Horizontal	Pass
6	15914.963	54.08	74.0	19.92	Peak	159.00	200	Horizontal	Pass
6**	15914.963	45.93	54.0	8.07	AV	159.00	200	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	1484.700	39.48	74.0	34.52	Peak	349.00	400	Vertical	Pass
1**	1484.700	33.80	54.0	20.20	AV	349.00	400	Vertical	Pass
2	4325.500	47.92	74.0	26.08	Peak	96.00	400	Vertical	Pass
2**	4325.500	38.01	54.0	15.99	AV	96.00	400	Vertical	Pass
3	5297.500	102.00	--	--	Peak	37.00	100	Vertical	N/A
3**	5297.500	94.74	--	--	AV	37.00	100	Vertical	N/A
4	7628.750	53.11	74.0	20.89	Peak	139.00	200	Vertical	Pass
4**	7628.750	43.31	54.0	10.69	AV	139.00	200	Vertical	Pass
5	12465.000	53.63	74.0	20.37	Peak	360.00	100	Vertical	Pass
5**	12465.000	44.52	54.0	9.48	AV	360.00	100	Vertical	Pass
6	15908.138	54.24	74.0	19.76	Peak	193.00	100	Vertical	Pass
6**	15908.138	45.40	54.0	8.60	AV	193.00	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	1485.000	40.30	74.0	33.70	Peak	351.00	400	Horizontal	Pass
1**	1485.000	35.30	54.0	18.70	AV	351.00	400	Horizontal	Pass
2	4277.000	47.11	74.0	26.89	Peak	276.00	400	Horizontal	Pass
2**	4277.000	38.14	54.0	15.86	AV	276.00	400	Horizontal	Pass
3	5321.500	106.01	--	--	Peak	157.00	100	Horizontal	N/A
3**	5321.500	99.19	--	--	AV	157.00	100	Horizontal	N/A
4	7601.500	53.03	74.0	20.97	Peak	237.00	100	Horizontal	Pass
4**	7601.500	44.17	54.0	9.83	AV	237.00	100	Horizontal	Pass
5	12515.588	53.09	74.0	20.91	Peak	222.00	200	Horizontal	Pass
5**	12515.588	43.93	54.0	10.07	AV	222.00	200	Horizontal	Pass
6	15903.938	53.45	74.0	20.55	Peak	120.00	100	Horizontal	Pass
6**	15903.938	45.04	54.0	8.96	AV	120.00	100	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	1485.300	39.89	74.0	34.11	Peak	121.00	100	Vertical	Pass
1**	1485.300	33.08	54.0	20.92	AV	121.00	100	Vertical	Pass
2	4197.750	47.40	74.0	26.60	Peak	57.00	200	Vertical	Pass
2**	4197.750	37.90	54.0	16.10	AV	57.00	200	Vertical	Pass
3	5318.500	102.99	--	--	Peak	37.00	150	Vertical	N/A
3**	5318.500	95.32	--	--	AV	37.00	150	Vertical	N/A
4	7430.000	52.90	74.0	21.10	Peak	137.00	400	Vertical	Pass
4**	7430.000	43.04	54.0	10.96	AV	137.00	400	Vertical	Pass
5	12506.563	53.07	74.0	20.93	Peak	222.00	150	Vertical	Pass
5**	12506.563	44.46	54.0	9.54	AV	222.00	150	Vertical	Pass
6	15914.174	53.96	74.0	20.04	Peak	127.00	400	Vertical	Pass
6**	15914.174	45.24	54.0	8.76	AV	127.00	400	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	1485.000	40.18	74.0	33.82	Peak	111.00	300	Horizontal	Pass
1**	1485.000	34.68	54.0	19.32	AV	111.00	300	Horizontal	Pass
2	4386.000	47.27	74.0	26.73	Peak	40.00	100	Horizontal	Pass
2**	4386.000	37.17	54.0	16.83	AV	40.00	100	Horizontal	Pass
3	5266.000	102.09	--	--	Peak	163.00	100	Horizontal	N/A
3**	5266.000	95.05	--	--	AV	163.00	100	Horizontal	N/A
4	7364.750	52.79	74.0	21.21	Peak	306.00	200	Horizontal	Pass
4**	7364.750	43.61	54.0	10.39	AV	306.00	200	Horizontal	Pass
5	12506.563	53.41	74.0	20.59	Peak	0.00	100	Horizontal	Pass
5**	12506.563	43.49	54.0	10.51	AV	0.00	100	Horizontal	Pass
6	15680.026	54.10	74.0	19.90	Peak	152.00	200	Horizontal	Pass
6**	15680.026	45.04	54.0	8.96	AV	152.00	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	1485.200	40.91	74.0	33.09	Peak	351.00	200	Vertical	Pass
1**	1485.200	36.12	54.0	17.88	AV	351.00	200	Vertical	Pass
2	4387.000	47.54	74.0	26.46	Peak	232.00	100	Vertical	Pass
2**	4387.000	38.97	54.0	15.03	AV	232.00	100	Vertical	Pass
3	5272.250	98.81	--	--	Peak	13.00	100	Vertical	N/A
3**	5272.250	90.96	--	--	AV	13.00	100	Vertical	N/A
4	7352.000	52.74	74.0	21.26	Peak	360.00	100	Vertical	Pass
4**	7352.000	44.92	54.0	9.08	AV	360.00	100	Vertical	Pass
5	12519.862	53.06	74.0	20.94	Peak	0.00	200	Vertical	Pass
5**	12519.862	43.93	54.0	10.07	AV	0.00	200	Vertical	Pass
6	15890.550	54.66	74.0	19.34	Peak	337.00	100	Vertical	Pass
6**	15890.550	45.44	54.0	8.56	AV	337.00	100	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	1484.900	41.12	74.0	32.88	Peak	320.00	400	Horizontal	Pass
1**	1484.900	35.62	54.0	18.38	AV	320.00	400	Horizontal	Pass
2	4181.750	47.15	74.0	26.85	Peak	360.00	400	Horizontal	Pass
2**	4181.750	37.94	54.0	16.06	AV	360.00	400	Horizontal	Pass
3	5311.750	102.36	--	--	Peak	164.00	200	Horizontal	N/A
3**	5311.750	94.89	--	--	AV	164.00	200	Horizontal	N/A
4	7657.750	53.08	74.0	20.92	Peak	351.00	300	Horizontal	Pass
4**	7657.750	42.93	54.0	11.07	AV	351.00	300	Horizontal	Pass
5	12507.987	53.49	74.0	20.51	Peak	0.00	100	Horizontal	Pass
5**	12507.987	44.07	54.0	9.93	AV	0.00	100	Horizontal	Pass
6	16066.950	54.30	74.0	19.70	Peak	118.00	400	Horizontal	Pass
6**	16066.950	44.12	54.0	9.88	AV	118.00	400	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	1484.800	40.32	74.0	33.68	Peak	246.00	300	Vertical	Pass
1**	1484.800	35.94	54.0	18.06	AV	246.00	300	Vertical	Pass
2	4139.000	47.53	74.0	26.47	Peak	320.00	400	Vertical	Pass
2**	4139.000	38.03	54.0	15.97	AV	320.00	400	Vertical	Pass
3	5311.750	98.17	--	--	Peak	45.00	150	Vertical	N/A
3**	5311.750	90.63	--	--	AV	45.00	150	Vertical	N/A
4	7618.250	53.08	74.0	20.92	Peak	12.00	300	Vertical	Pass
4**	7618.250	44.53	54.0	9.47	AV	12.00	300	Vertical	Pass
5	12427.000	53.36	74.0	20.64	Peak	47.00	200	Vertical	Pass
5**	12427.000	44.77	54.0	9.23	AV	47.00	200	Vertical	Pass
6	16127.062	54.51	74.0	19.49	Peak	157.00	200	Vertical	Pass
6**	16127.062	45.36	54.0	8.64	AV	157.00	200	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	1484.900	39.64	74.0	34.36	Peak	254.00	100	Horizontal	Pass
1**	1484.900	34.91	54.0	19.09	AV	254.00	100	Horizontal	Pass
2	4351.500	47.56	74.0	26.44	Peak	154.00	200	Horizontal	Pass
2**	4351.500	37.66	54.0	16.34	AV	154.00	200	Horizontal	Pass
3	5259.250	106.51	--	--	Peak	174.00	200	Horizontal	N/A
3**	5259.250	99.18	--	--	AV	174.00	200	Horizontal	N/A
4	7703.750	52.71	74.0	21.29	Peak	35.00	200	Horizontal	Pass
4**	7703.750	43.64	54.0	10.36	AV	35.00	200	Horizontal	Pass
5	12500.150	53.25	74.0	20.75	Peak	0.00	200	Horizontal	Pass
5**	12500.150	44.00	54.0	10.00	AV	0.00	200	Horizontal	Pass
6	15902.099	53.84	74.0	20.16	Peak	185.00	400	Horizontal	Pass
6**	15902.099	45.07	54.0	8.93	AV	185.00	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	1484.800	40.88	74.0	33.12	Peak	0.00	200	Vertical	Pass
1**	1484.800	35.47	54.0	18.53	AV	0.00	200	Vertical	Pass
2	4294.500	47.82	74.0	26.18	Peak	76.00	200	Vertical	Pass
2**	4294.500	38.22	54.0	15.78	AV	76.00	200	Vertical	Pass
3	5261.750	102.09	--	--	Peak	35.00	150	Vertical	N/A
3**	5261.750	94.99	--	--	AV	35.00	150	Vertical	N/A
4	7601.750	53.03	74.0	20.97	Peak	55.00	100	Vertical	Pass
4**	7601.750	44.43	54.0	9.57	AV	55.00	100	Vertical	Pass
5	12428.425	53.40	74.0	20.60	Peak	353.00	200	Vertical	Pass
5**	12428.425	43.41	54.0	10.59	AV	353.00	200	Vertical	Pass
6	15966.412	53.96	74.0	20.04	Peak	50.00	400	Vertical	Pass
6**	15966.412	43.84	54.0	10.16	AV	50.00	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	1484.500	40.73	74.0	33.27	Peak	80.00	100	Horizontal	Pass
1**	1484.500	33.97	54.0	20.03	AV	80.00	100	Horizontal	Pass
2	4046.750	48.27	74.0	25.73	Peak	256.00	200	Horizontal	Pass
2**	4046.750	37.54	54.0	16.46	AV	256.00	200	Horizontal	Pass
3	5298.500	106.49	--	--	Peak	197.00	200	Horizontal	N/A
3**	5298.500	98.19	--	--	AV	197.00	200	Horizontal	N/A
4	7600.250	52.89	74.0	21.11	Peak	316.00	100	Horizontal	Pass
4**	7600.250	44.21	54.0	9.79	AV	316.00	100	Horizontal	Pass
5	12527.938	53.07	74.0	20.93	Peak	101.00	150	Horizontal	Pass
5**	12527.938	43.69	54.0	10.31	AV	101.00	150	Horizontal	Pass
6	16117.613	54.86	74.0	19.14	Peak	9.00	300	Horizontal	Pass
6**	16117.613	44.67	54.0	9.33	AV	9.00	300	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	1485.700	39.51	74.0	34.49	Peak	57.00	400	Vertical	Pass
1**	1485.700	30.65	54.0	23.35	AV	57.00	400	Vertical	Pass
2	4338.500	47.53	74.0	26.47	Peak	113.00	400	Vertical	Pass
2**	4338.500	38.27	54.0	15.73	AV	113.00	400	Vertical	Pass
3	5297.250	102.24	--	--	Peak	33.00	200	Vertical	N/A
3**	5297.250	94.33	--	--	AV	33.00	200	Vertical	N/A
4	7598.000	53.22	74.0	20.78	Peak	113.00	100	Vertical	Pass
4**	7598.000	43.56	54.0	10.44	AV	113.00	100	Vertical	Pass
5	12476.162	53.39	74.0	20.61	Peak	252.00	200	Vertical	Pass
5**	12476.162	44.22	54.0	9.78	AV	252.00	200	Vertical	Pass
6	15461.625	54.02	74.0	19.98	Peak	7.00	200	Vertical	Pass
6**	15461.625	43.80	54.0	10.20	AV	7.00	200	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	1485.000	40.57	74.0	33.43	Peak	133.00	100	Horizontal	Pass
1**	1485.000	35.85	54.0	18.15	AV	133.00	100	Horizontal	Pass
2	4255.250	47.18	74.0	26.82	Peak	36.00	100	Horizontal	Pass
2**	4255.250	38.17	54.0	15.83	AV	36.00	100	Horizontal	Pass
3	5321.500	106.05	--	--	Peak	156.00	150	Horizontal	N/A
3**	5321.500	99.27	--	--	AV	156.00	150	Horizontal	N/A
4	7620.750	54.06	74.0	19.94	Peak	156.00	400	Horizontal	Pass
4**	7620.750	44.13	54.0	9.87	AV	156.00	400	Horizontal	Pass
5	12479.487	52.80	74.0	21.20	Peak	82.00	150	Horizontal	Pass
5**	12479.487	45.13	54.0	8.87	AV	82.00	150	Horizontal	Pass
6	15900.526	54.18	74.0	19.82	Peak	258.00	400	Horizontal	Pass
6**	15900.526	45.16	54.0	8.84	AV	258.00	400	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	1484.700	40.39	74.0	33.61	Peak	179.00	300	Vertical	Pass
1**	1484.700	34.88	54.0	19.12	AV	179.00	300	Vertical	Pass
2	4373.750	47.09	74.0	26.91	Peak	297.00	300	Vertical	Pass
2**	4373.750	37.59	54.0	16.41	AV	297.00	300	Vertical	Pass
3	5321.750	102.86	--	--	Peak	37.00	200	Vertical	N/A
3**	5321.750	96.33	--	--	AV	37.00	200	Vertical	N/A
4	7356.750	52.72	74.0	21.28	Peak	158.00	300	Vertical	Pass
4**	7356.750	44.23	54.0	9.77	AV	158.00	300	Vertical	Pass
5	12460.724	52.93	74.0	21.07	Peak	106.00	200	Vertical	Pass
5**	12460.724	44.43	54.0	9.57	AV	106.00	200	Vertical	Pass
6	16113.412	54.21	74.0	19.79	Peak	168.00	400	Vertical	Pass
6**	16113.412	44.95	54.0	9.05	AV	168.00	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	1484.700	39.86	74.0	34.14	Peak	220.00	300	Horizontal	Pass
1**	1484.700	34.11	54.0	19.89	AV	220.00	300	Horizontal	Pass
2	4314.750	47.31	74.0	26.69	Peak	11.00	400	Horizontal	Pass
2**	4314.750	38.25	54.0	15.75	AV	11.00	400	Horizontal	Pass
3	5268.250	102.52	--	--	Peak	162.00	150	Horizontal	N/A
3**	5268.250	95.13	--	--	AV	162.00	150	Horizontal	N/A
4	7604.500	52.89	74.0	21.11	Peak	244.00	100	Horizontal	Pass
4**	7604.500	43.78	54.0	10.22	AV	244.00	100	Horizontal	Pass
5	12518.438	53.52	74.0	20.48	Peak	196.00	200	Horizontal	Pass
5**	12518.438	44.08	54.0	9.92	AV	196.00	200	Horizontal	Pass
6	16124.963	54.09	74.0	19.91	Peak	326.00	400	Horizontal	Pass
6**	16124.963	44.82	54.0	9.18	AV	326.00	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	1484.700	40.74	74.0	33.26	Peak	314.00	300	Vertical	Pass
1**	1484.700	35.18	54.0	18.82	AV	314.00	300	Vertical	Pass
2	4255.250	47.60	74.0	26.40	Peak	205.00	100	Vertical	Pass
2**	4255.250	38.87	54.0	15.13	AV	205.00	100	Vertical	Pass
3	5271.750	98.45	--	--	Peak	40.00	200	Vertical	N/A
3**	5271.750	91.20	--	--	AV	40.00	200	Vertical	N/A
4	7604.500	52.75	74.0	21.25	Peak	360.00	400	Vertical	Pass
4**	7604.500	43.60	54.0	10.40	AV	360.00	400	Vertical	Pass
5	12475.924	53.76	74.0	20.24	Peak	349.00	150	Vertical	Pass
5**	12475.924	44.41	54.0	9.59	AV	349.00	150	Vertical	Pass
6	16162.500	54.29	74.0	19.71	Peak	314.00	400	Vertical	Pass
6**	16162.500	43.90	54.0	10.10	AV	314.00	400	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	1485.000	40.19	74.0	33.81	Peak	240.00	100	Horizontal	Pass
1**	1485.000	36.55	54.0	17.45	AV	240.00	100	Horizontal	Pass
2	4259.500	47.79	74.0	26.21	Peak	265.00	200	Horizontal	Pass
2**	4259.500	37.96	54.0	16.04	AV	265.00	200	Horizontal	Pass
3	5312.000	102.30	--	--	Peak	163.00	150	Horizontal	N/A
3**	5312.000	94.51	--	--	AV	163.00	150	Horizontal	N/A
4	7418.250	52.81	74.0	21.19	Peak	224.00	300	Horizontal	Pass
4**	7418.250	43.03	54.0	10.97	AV	224.00	300	Horizontal	Pass
5	12476.162	52.88	74.0	21.12	Peak	293.00	150	Horizontal	Pass
5**	12476.162	44.13	54.0	9.87	AV	293.00	150	Horizontal	Pass
6	16071.412	54.75	74.0	19.25	Peak	146.00	400	Horizontal	Pass
6**	16071.412	44.76	54.0	9.24	AV	146.00	400	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	1485.600	40.96	74.0	33.04	Peak	237.00	400	Vertical	Pass
1**	1485.600	33.79	54.0	20.21	AV	237.00	400	Vertical	Pass
2	4309.250	46.96	74.0	27.04	Peak	271.00	300	Vertical	Pass
2**	4309.250	38.50	54.0	15.50	AV	271.00	300	Vertical	Pass
3	5312.750	98.28	--	--	Peak	40.00	150	Vertical	N/A
3**	5312.750	91.67	--	--	AV	40.00	150	Vertical	N/A
4	7699.750	52.60	74.0	21.40	Peak	185.00	200	Vertical	Pass
4**	7699.750	43.79	54.0	10.21	AV	185.00	200	Vertical	Pass
5	12458.350	53.47	74.0	20.53	Peak	261.00	150	Vertical	Pass
5**	12458.350	43.99	54.0	10.01	AV	261.00	150	Vertical	Pass
6	15665.588	54.68	74.0	19.32	Peak	64.00	400	Vertical	Pass
6**	15665.588	44.41	54.0	9.59	AV	64.00	400	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	1484.900	41.08	74.0	32.92	Peak	13.00	400	Horizontal	Pass
1**	1484.900	36.03	54.0	17.97	AV	13.00	400	Horizontal	Pass
2	4347.750	46.92	74.0	27.08	Peak	99.00	300	Horizontal	Pass
2**	4347.750	38.02	54.0	15.98	AV	99.00	300	Horizontal	Pass
3	5291.500	98.28	--	--	Peak	162.00	100	Horizontal	N/A
3**	5291.500	90.59	--	--	AV	162.00	100	Horizontal	N/A
4	7359.000	53.44	74.0	20.56	Peak	205.00	300	Horizontal	Pass
4**	7359.000	43.48	54.0	10.52	AV	205.00	300	Horizontal	Pass
5	12485.662	53.27	74.0	20.73	Peak	347.00	100	Horizontal	Pass
5**	12485.662	44.94	54.0	9.06	AV	347.00	100	Horizontal	Pass
6	16127.849	55.15	74.0	18.85	Peak	9.00	200	Horizontal	Pass
6**	16127.849	45.47	54.0	8.53	AV	9.00	200	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	1485.000	40.56	74.0	33.44	Peak	0.00	200	Vertical	Pass
1**	1485.000	36.13	54.0	17.87	AV	0.00	200	Vertical	Pass
2	4203.500	47.58	74.0	26.42	Peak	190.00	400	Vertical	Pass
2**	4203.500	37.79	54.0	16.21	AV	190.00	400	Vertical	Pass
3	5292.000	93.90	--	--	Peak	42.00	150	Vertical	N/A
3**	5292.000	85.59	--	--	AV	42.00	150	Vertical	N/A
4	7620.000	53.49	74.0	20.51	Peak	360.00	300	Vertical	Pass
4**	7620.000	43.79	54.0	10.21	AV	360.00	300	Vertical	Pass
5	12458.112	53.08	74.0	20.92	Peak	93.00	200	Vertical	Pass
5**	12458.112	43.78	54.0	10.22	AV	93.00	200	Vertical	Pass
6	15674.776	54.00	74.0	20.00	Peak	195.00	400	Vertical	Pass
6**	15674.776	44.08	54.0	9.92	AV	195.00	400	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	1484.900	40.09	74.0	33.91	Peak	215.00	100	Horizontal	Pass
1**	1484.900	35.17	54.0	18.83	AV	215.00	100	Horizontal	Pass
2	4256.000	46.85	74.0	27.15	Peak	38.00	400	Horizontal	Pass
2**	4256.000	38.42	54.0	15.58	AV	38.00	400	Horizontal	Pass
3	5499.500	104.83	--	--	Peak	179.00	200	Horizontal	N/A
3**	5499.500	98.33	--	--	AV	179.00	200	Horizontal	N/A
4	7356.250	52.89	74.0	21.11	Peak	321.00	200	Horizontal	Pass
4**	7356.250	43.83	54.0	10.17	AV	321.00	200	Horizontal	Pass
5	11512.625	53.49	74.0	20.51	Peak	349.00	150	Horizontal	Pass
5**	11512.625	43.24	54.0	10.76	AV	349.00	150	Horizontal	Pass
6	16119.451	54.09	74.0	19.91	Peak	205.00	400	Horizontal	Pass
6**	16119.451	45.77	54.0	8.23	AV	205.00	400	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	1484.900	39.02	74.0	34.98	Peak	23.00	400	Vertical	Pass
1**	1484.900	32.13	54.0	21.87	AV	23.00	400	Vertical	Pass
2	4325.250	48.88	74.0	25.12	Peak	161.00	100	Vertical	Pass
2**	4325.250	38.27	54.0	15.73	AV	161.00	100	Vertical	Pass
3	5502.250	101.81	--	--	Peak	11.00	200	Vertical	N/A
3**	5502.250	94.28	--	--	AV	11.00	200	Vertical	N/A
4	7606.000	52.96	74.0	21.04	Peak	40.00	100	Vertical	Pass
4**	7606.000	43.75	54.0	10.25	AV	40.00	100	Vertical	Pass
5	12494.687	53.30	74.0	20.70	Peak	308.00	200	Vertical	Pass
5**	12494.687	44.00	54.0	10.00	AV	308.00	200	Vertical	Pass
6	16121.813	54.26	74.0	19.74	Peak	11.00	100	Vertical	Pass
6**	16121.813	45.29	54.0	8.71	AV	11.00	100	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	1485.000	39.87	74.0	34.13	Peak	0.00	100	Horizontal	Pass
1**	1485.000	34.17	54.0	19.83	AV	0.00	100	Horizontal	Pass
2	4398.500	47.28	74.0	26.72	Peak	244.00	200	Horizontal	Pass
2**	4398.500	38.94	54.0	15.06	AV	244.00	200	Horizontal	Pass
3	5579.500	107.03	--	--	Peak	183.00	200	Horizontal	N/A
3**	5579.500	100.34	--	--	AV	183.00	200	Horizontal	N/A
4	7623.250	52.71	74.0	21.29	Peak	144.00	200	Horizontal	Pass
4**	7623.250	43.63	54.0	10.37	AV	144.00	200	Horizontal	Pass
5	12463.813	53.66	74.0	20.34	Peak	180.00	150	Horizontal	Pass
5**	12463.813	43.77	54.0	10.23	AV	180.00	150	Horizontal	Pass
6	16105.275	54.51	74.0	19.49	Peak	11.00	300	Horizontal	Pass
6**	16105.275	45.23	54.0	8.77	AV	11.00	300	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	1485.000	40.01	74.0	33.99	Peak	349.00	100	Vertical	Pass
1**	1485.000	35.42	54.0	18.58	AV	349.00	100	Vertical	Pass
2	4196.000	47.51	74.0	26.49	Peak	98.00	100	Vertical	Pass
2**	4196.000	37.20	54.0	16.80	AV	98.00	100	Vertical	Pass
3	5579.000	102.10	--	--	Peak	9.00	150	Vertical	N/A
3**	5579.000	95.15	--	--	AV	9.00	150	Vertical	N/A
4	7374.000	53.00	74.0	21.00	Peak	280.00	300	Vertical	Pass
4**	7374.000	42.92	54.0	11.08	AV	280.00	300	Vertical	Pass
5	12396.599	53.09	74.0	20.91	Peak	170.00	100	Vertical	Pass
5**	12396.599	43.91	54.0	10.09	AV	170.00	100	Vertical	Pass
6	16090.050	54.19	74.0	19.81	Peak	343.00	100	Vertical	Pass
6**	16090.050	44.92	54.0	9.08	AV	343.00	100	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	1484.700	40.73	74.0	33.27	Peak	349.00	400	Horizontal	Pass
1**	1484.700	34.68	54.0	19.32	AV	349.00	400	Horizontal	Pass
2	4120.750	47.18	74.0	26.82	Peak	302.00	400	Horizontal	Pass
2**	4120.750	37.33	54.0	16.67	AV	302.00	400	Horizontal	Pass
3	5701.750	105.74	--	--	Peak	181.00	150	Horizontal	N/A
3**	5701.750	98.47	--	--	AV	181.00	150	Horizontal	N/A
4	7607.250	53.54	74.0	20.46	Peak	40.00	200	Horizontal	Pass
4**	7607.250	44.18	54.0	9.82	AV	40.00	200	Horizontal	Pass
5	12510.125	53.37	74.0	20.63	Peak	0.00	150	Horizontal	Pass
5**	12510.125	44.14	54.0	9.86	AV	0.00	150	Horizontal	Pass
6	15702.600	54.26	74.0	19.74	Peak	200.00	100	Horizontal	Pass
6**	15702.600	44.13	54.0	9.87	AV	200.00	100	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	1484.600	39.45	74.0	34.55	Peak	320.00	200	Vertical	Pass
1**	1484.600	33.02	54.0	20.98	AV	320.00	200	Vertical	Pass
2	3739.500	47.39	74.0	26.61	Peak	360.00	400	Vertical	Pass
2**	3739.500	36.26	54.0	17.74	AV	360.00	400	Vertical	Pass
3	5701.750	100.64	--	--	Peak	40.00	200	Vertical	N/A
3**	5701.750	93.35	--	--	AV	40.00	200	Vertical	N/A
4	7321.000	53.51	74.0	20.49	Peak	345.00	100	Vertical	Pass
4**	7321.000	43.38	54.0	10.62	AV	345.00	100	Vertical	Pass
5	12519.388	52.92	74.0	21.08	Peak	284.00	100	Vertical	Pass
5**	12519.388	44.12	54.0	9.88	AV	284.00	100	Vertical	Pass
6	16098.713	54.73	74.0	19.27	Peak	352.00	200	Vertical	Pass
6**	16098.713	44.71	54.0	9.29	AV	352.00	200	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	1484.900	40.61	74.0	33.39	Peak	18.00	300	Horizontal	Pass
1**	1484.900	35.33	54.0	18.67	AV	18.00	300	Horizontal	Pass
2	4196.250	47.82	74.0	26.18	Peak	101.00	400	Horizontal	Pass
2**	4196.250	37.96	54.0	16.04	AV	101.00	400	Horizontal	Pass
3	5498.500	104.81	--	--	Peak	183.00	150	Horizontal	N/A
3**	5498.500	97.54	--	--	AV	183.00	150	Horizontal	N/A
4	7605.500	53.30	74.0	20.70	Peak	81.00	300	Horizontal	Pass
4**	7605.500	44.24	54.0	9.76	AV	81.00	300	Horizontal	Pass
5	12469.037	53.18	74.0	20.82	Peak	106.00	200	Horizontal	Pass
5**	12469.037	43.80	54.0	10.20	AV	106.00	200	Horizontal	Pass
6	15904.987	54.08	74.0	19.92	Peak	278.00	200	Horizontal	Pass
6**	15904.987	45.09	54.0	8.91	AV	278.00	200	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	1500.500	38.87	74.0	35.13	Peak	38.00	300	Vertical	Pass
1**	1500.500	32.41	54.0	21.59	AV	38.00	300	Vertical	Pass
2	4125.250	48.08	74.0	25.92	Peak	360.00	400	Vertical	Pass
2**	4125.250	37.55	54.0	16.45	AV	360.00	400	Vertical	Pass
3	5500.750	100.57	--	--	Peak	38.00	200	Vertical	N/A
3**	5500.750	93.96	--	--	AV	38.00	200	Vertical	N/A
4	7610.750	53.48	74.0	20.52	Peak	241.00	200	Vertical	Pass
4**	7610.750	44.27	54.0	9.73	AV	241.00	200	Vertical	Pass
5	12483.049	52.50	74.0	21.50	Peak	0.00	200	Vertical	Pass
5**	12483.049	43.44	54.0	10.56	AV	0.00	200	Vertical	Pass
6	15898.687	55.24	74.0	18.76	Peak	331.00	100	Vertical	Pass
6**	15898.687	45.58	54.0	8.42	AV	331.00	100	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	1485.100	39.81	74.0	34.19	Peak	136.00	200	Horizontal	Pass
1**	1485.100	34.37	54.0	19.63	AV	136.00	200	Horizontal	Pass
2	4395.750	47.12	74.0	26.88	Peak	81.00	100	Horizontal	Pass
2**	4395.750	38.28	54.0	15.72	AV	81.00	100	Horizontal	Pass
3	5578.750	106.09	--	--	Peak	181.00	150	Horizontal	N/A
3**	5578.750	98.52	--	--	AV	181.00	150	Horizontal	N/A
4	7625.500	53.31	74.0	20.69	Peak	81.00	300	Horizontal	Pass
4**	7625.500	44.16	54.0	9.84	AV	81.00	300	Horizontal	Pass
5	12446.238	53.15	74.0	20.85	Peak	319.00	150	Horizontal	Pass
5**	12446.238	43.48	54.0	10.52	AV	319.00	150	Horizontal	Pass
6	15933.338	54.60	74.0	19.40	Peak	123.00	100	Horizontal	Pass
6**	15933.338	44.81	54.0	9.19	AV	123.00	100	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	1485.100	39.08	74.0	34.92	Peak	274.00	100	Vertical	Pass
1**	1485.100	33.44	54.0	20.56	AV	274.00	100	Vertical	Pass
2	4211.250	47.07	74.0	26.93	Peak	62.00	200	Vertical	Pass
2**	4211.250	37.58	54.0	16.42	AV	62.00	200	Vertical	Pass
3	5578.250	101.01	--	--	Peak	13.00	100	Vertical	N/A
3**	5578.250	93.59	--	--	AV	13.00	100	Vertical	N/A
4	7619.250	52.96	74.0	21.04	Peak	183.00	400	Vertical	Pass
4**	7619.250	44.10	54.0	9.90	AV	183.00	400	Vertical	Pass
5	12515.350	52.96	74.0	21.04	Peak	0.00	150	Vertical	Pass
5**	12515.350	43.73	54.0	10.27	AV	0.00	150	Vertical	Pass
6	15823.350	53.66	74.0	20.34	Peak	147.00	400	Vertical	Pass
6**	15823.350	44.59	54.0	9.41	AV	147.00	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	1532.200	39.61	74.0	34.39	Peak	16.00	200	Horizontal	Pass
1**	1532.200	28.59	54.0	25.41	AV	16.00	200	Horizontal	Pass
2	4325.000	47.36	74.0	26.64	Peak	13.00	300	Horizontal	Pass
2**	4325.000	38.40	54.0	15.60	AV	13.00	300	Horizontal	Pass
3	5698.000	104.91	--	--	Peak	184.00	150	Horizontal	N/A
3**	5698.000	96.44	--	--	AV	184.00	150	Horizontal	N/A
4	7612.500	52.46	74.0	21.54	Peak	360.00	300	Horizontal	Pass
4**	7612.500	43.56	54.0	10.44	AV	360.00	300	Horizontal	Pass
5	12493.975	53.26	74.0	20.74	Peak	346.00	200	Horizontal	Pass
5**	12493.975	44.74	54.0	9.26	AV	346.00	200	Horizontal	Pass
6	15636.975	54.18	74.0	19.82	Peak	288.00	400	Horizontal	Pass
6**	15636.975	44.98	54.0	9.02	AV	288.00	400	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	1485.400	39.08	74.0	34.92	Peak	0.00	400	Vertical	Pass
1**	1485.400	31.61	54.0	22.39	AV	0.00	400	Vertical	Pass
2	4259.000	47.68	74.0	26.32	Peak	202.00	200	Vertical	Pass
2**	4259.000	37.72	54.0	16.28	AV	202.00	200	Vertical	Pass
3	5703.500	99.48	--	--	Peak	42.00	200	Vertical	N/A
3**	5703.500	91.41	--	--	AV	42.00	200	Vertical	N/A
4	7594.500	52.87	74.0	21.13	Peak	101.00	400	Vertical	Pass
4**	7594.500	44.15	54.0	9.85	AV	101.00	400	Vertical	Pass
5	12458.588	53.35	74.0	20.65	Peak	360.00	150	Vertical	Pass
5**	12458.588	45.13	54.0	8.87	AV	360.00	150	Vertical	Pass
6	15910.762	54.52	74.0	19.48	Peak	13.00	100	Vertical	Pass
6**	15910.762	44.76	54.0	9.24	AV	13.00	100	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	1484.700	41.14	74.0	32.86	Peak	335.00	300	Horizontal	Pass
1**	1484.700	36.29	54.0	17.71	AV	335.00	300	Horizontal	Pass
2	4209.500	47.60	74.0	26.40	Peak	240.00	300	Horizontal	Pass
2**	4209.500	37.97	54.0	16.03	AV	240.00	300	Horizontal	Pass
3	5508.000	100.40	--	--	Peak	181.00	200	Horizontal	N/A
3**	5508.000	92.86	--	--	AV	181.00	200	Horizontal	N/A
4	7357.250	52.99	74.0	21.01	Peak	40.00	200	Horizontal	Pass
4**	7357.250	43.99	54.0	10.01	AV	40.00	200	Horizontal	Pass
5	12458.350	53.72	74.0	20.28	Peak	114.00	150	Horizontal	Pass
5**	12458.350	43.94	54.0	10.06	AV	114.00	150	Horizontal	Pass
6	16111.050	54.50	74.0	19.50	Peak	208.00	200	Horizontal	Pass
6**	16111.050	45.15	54.0	8.85	AV	208.00	200	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	1484.700	41.03	74.0	32.97	Peak	0.00	300	Vertical	Pass
1**	1484.700	35.93	54.0	18.07	AV	0.00	300	Vertical	Pass
2	4368.000	47.76	74.0	26.24	Peak	144.00	100	Vertical	Pass
2**	4368.000	39.18	54.0	14.82	AV	144.00	100	Vertical	Pass
3	5507.000	97.20	--	--	Peak	11.00	150	Vertical	N/A
3**	5507.000	89.57	--	--	AV	11.00	150	Vertical	N/A
4	7600.500	53.32	74.0	20.68	Peak	11.00	100	Vertical	Pass
4**	7600.500	43.87	54.0	10.13	AV	11.00	100	Vertical	Pass
5	11539.700	53.49	74.0	20.51	Peak	266.00	100	Vertical	Pass
5**	11539.700	42.28	54.0	11.72	AV	266.00	100	Vertical	Pass
6	15895.537	53.95	74.0	20.05	Peak	11.00	100	Vertical	Pass
6**	15895.537	44.74	54.0	9.26	AV	11.00	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	1484.800	42.58	74.0	31.42	Peak	318.00	300	Horizontal	Pass
1**	1484.800	39.22	54.0	14.78	AV	318.00	300	Horizontal	Pass
2	4090.000	47.06	74.0	26.94	Peak	186.00	400	Horizontal	Pass
2**	4090.000	37.06	54.0	16.94	AV	186.00	400	Horizontal	Pass
3	5592.750	101.33	--	--	Peak	166.00	100	Horizontal	N/A
3**	5592.750	93.85	--	--	AV	166.00	100	Horizontal	N/A
4	7686.000	52.75	74.0	21.25	Peak	248.00	400	Horizontal	Pass
4**	7686.000	43.45	54.0	10.55	AV	248.00	400	Horizontal	Pass
5	12512.263	52.99	74.0	21.01	Peak	238.00	150	Horizontal	Pass
5**	12512.263	44.31	54.0	9.69	AV	238.00	150	Horizontal	Pass
6	16156.987	55.54	74.0	18.46	Peak	43.00	400	Horizontal	Pass
6**	16156.987	45.33	54.0	8.67	AV	43.00	400	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	1499.800	39.75	74.0	34.25	Peak	271.00	300	Vertical	Pass
1**	1499.800	31.83	54.0	22.17	AV	271.00	300	Vertical	Pass
2	4292.250	47.01	74.0	26.99	Peak	360.00	100	Vertical	Pass
2**	4292.250	39.21	54.0	14.79	AV	360.00	100	Vertical	Pass
3	5586.750	95.93	--	--	Peak	41.00	150	Vertical	N/A
3**	5586.750	88.22	--	--	AV	41.00	150	Vertical	N/A
4	7355.250	53.22	74.0	20.78	Peak	144.00	100	Vertical	Pass
4**	7355.250	43.91	54.0	10.09	AV	144.00	100	Vertical	Pass
5	12455.737	52.85	74.0	21.15	Peak	10.00	200	Vertical	Pass
5**	12455.737	44.48	54.0	9.52	AV	10.00	200	Vertical	Pass
6	16099.763	54.22	74.0	19.78	Peak	163.00	300	Vertical	Pass
6**	16099.763	44.68	54.0	9.32	AV	163.00	300	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	1485.400	41.41	74.0	32.59	Peak	290.00	200	Horizontal	Pass
1**	1485.400	37.23	54.0	16.77	AV	290.00	200	Horizontal	Pass
2	4309.000	47.73	74.0	26.27	Peak	360.00	200	Horizontal	Pass
2**	4309.000	39.18	54.0	14.82	AV	360.00	200	Horizontal	Pass
3	5668.250	101.59	--	--	Peak	164.00	200	Horizontal	N/A
3**	5668.250	94.05	--	--	AV	164.00	200	Horizontal	N/A
4	7354.500	52.52	74.0	21.48	Peak	42.00	300	Horizontal	Pass
4**	7354.500	43.40	54.0	10.60	AV	42.00	300	Horizontal	Pass
5	12510.599	53.13	74.0	20.87	Peak	128.00	100	Horizontal	Pass
5**	12510.599	44.23	54.0	9.77	AV	128.00	100	Horizontal	Pass
6	15653.250	54.64	74.0	19.36	Peak	290.00	400	Horizontal	Pass
6**	15653.250	44.73	54.0	9.27	AV	290.00	400	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	1485.000	40.90	74.0	33.10	Peak	252.00	400	Vertical	Pass
1**	1485.000	36.86	54.0	17.14	AV	252.00	400	Vertical	Pass
2	4000.500	47.09	74.0	26.91	Peak	166.00	200	Vertical	Pass
2**	4000.500	38.11	54.0	15.89	AV	166.00	200	Vertical	Pass
3	5668.500	96.98	--	--	Peak	13.00	100	Vertical	N/A
3**	5668.500	89.57	--	--	AV	13.00	100	Vertical	N/A
4	7600.500	52.97	74.0	21.03	Peak	13.00	300	Vertical	Pass
4**	7600.500	44.83	54.0	9.17	AV	13.00	300	Vertical	Pass
5	12462.151	53.14	74.0	20.86	Peak	75.00	100	Vertical	Pass
5**	12462.151	43.93	54.0	10.07	AV	75.00	100	Vertical	Pass
6	15883.201	54.24	74.0	19.76	Peak	74.00	400	Vertical	Pass
6**	15883.201	44.36	54.0	9.64	AV	74.00	400	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	1484.800	40.19	74.0	33.81	Peak	83.00	400	Horizontal	Pass
1**	1484.800	35.07	54.0	18.93	AV	83.00	400	Horizontal	Pass
2	4118.000	47.40	74.0	26.60	Peak	82.00	100	Horizontal	Pass
2**	4118.000	38.11	54.0	15.89	AV	82.00	100	Horizontal	Pass
3	5502.500	105.13	--	--	Peak	163.00	150	Horizontal	N/A
3**	5502.500	97.49	--	--	AV	163.00	150	Horizontal	N/A
4	7624.000	53.28	74.0	20.72	Peak	101.00	200	Horizontal	Pass
4**	7624.000	44.57	54.0	9.43	AV	101.00	200	Horizontal	Pass
5	12484.950	53.14	74.0	20.86	Peak	33.00	150	Horizontal	Pass
5**	12484.950	44.11	54.0	9.89	AV	33.00	150	Horizontal	Pass
6	15888.975	54.81	74.0	19.19	Peak	164.00	400	Horizontal	Pass
6**	15888.975	45.11	54.0	8.89	AV	164.00	400	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	1485.300	38.55	74.0	35.45	Peak	322.00	200	Vertical	Pass
1**	1485.300	31.51	54.0	22.49	AV	322.00	200	Vertical	Pass
2	4250.250	46.93	74.0	27.07	Peak	323.00	100	Vertical	Pass
2**	4250.250	37.54	54.0	16.46	AV	323.00	100	Vertical	Pass
3	5502.750	100.87	--	--	Peak	11.00	200	Vertical	N/A
3**	5502.750	93.75	--	--	AV	11.00	200	Vertical	N/A
4	7599.000	52.79	74.0	21.21	Peak	241.00	300	Vertical	Pass
4**	7599.000	43.88	54.0	10.12	AV	241.00	300	Vertical	Pass
5	12455.500	52.85	74.0	21.15	Peak	138.00	100	Vertical	Pass
5**	12455.500	43.40	54.0	10.60	AV	138.00	100	Vertical	Pass
6	15911.026	54.55	74.0	19.45	Peak	108.00	200	Vertical	Pass
6**	15911.026	45.80	54.0	8.20	AV	108.00	200	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	1485.100	40.85	74.0	33.15	Peak	360.00	200	Horizontal	Pass
1**	1485.100	36.19	54.0	17.81	AV	360.00	200	Horizontal	Pass
2	4127.250	47.22	74.0	26.78	Peak	161.00	300	Horizontal	Pass
2**	4127.250	37.93	54.0	16.07	AV	161.00	300	Horizontal	Pass
3	5578.750	105.92	--	--	Peak	181.00	200	Horizontal	N/A
3**	5578.750	99.11	--	--	AV	181.00	200	Horizontal	N/A
4	7598.000	53.45	74.0	20.55	Peak	81.00	100	Horizontal	Pass
4**	7598.000	43.74	54.0	10.26	AV	81.00	100	Horizontal	Pass
5	12500.862	53.34	74.0	20.66	Peak	297.00	200	Horizontal	Pass
5**	12500.862	43.78	54.0	10.22	AV	297.00	200	Horizontal	Pass
6	16148.062	54.40	74.0	19.60	Peak	232.00	400	Horizontal	Pass
6**	16148.062	44.86	54.0	9.14	AV	232.00	400	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	1485.300	39.09	74.0	34.91	Peak	274.00	100	Vertical	Pass
1**	1485.300	32.35	54.0	21.65	AV	274.00	100	Vertical	Pass
2	4136.500	47.36	74.0	26.64	Peak	13.00	100	Vertical	Pass
2**	4136.500	37.43	54.0	16.57	AV	13.00	100	Vertical	Pass
3	5579.500	101.38	--	--	Peak	360.00	100	Vertical	N/A
3**	5579.500	94.07	--	--	AV	360.00	100	Vertical	N/A
4	7620.000	53.24	74.0	20.76	Peak	360.00	200	Vertical	Pass
4**	7620.000	44.07	54.0	9.93	AV	360.00	200	Vertical	Pass
5	12472.600	54.43	74.0	19.57	Peak	0.00	200	Vertical	Pass
5**	12472.600	44.51	54.0	9.49	AV	0.00	200	Vertical	Pass
6	16116.037	54.22	74.0	19.78	Peak	42.00	200	Vertical	Pass
6**	16116.037	44.78	54.0	9.22	AV	42.00	200	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	1484.700	39.38	74.0	34.62	Peak	219.00	400	Horizontal	Pass
1**	1484.700	33.81	54.0	20.19	AV	219.00	400	Horizontal	Pass
2	4208.000	47.22	74.0	26.78	Peak	266.00	100	Horizontal	Pass
2**	4208.000	38.26	54.0	15.74	AV	266.00	100	Horizontal	Pass
3	5701.500	105.06	--	--	Peak	164.00	200	Horizontal	N/A
3**	5701.500	97.14	--	--	AV	164.00	200	Horizontal	N/A
4	7410.250	53.14	74.0	20.86	Peak	103.00	100	Horizontal	Pass
4**	7410.250	43.25	54.0	10.75	AV	103.00	100	Horizontal	Pass
5	12495.400	53.37	74.0	20.63	Peak	0.00	100	Horizontal	Pass
5**	12495.400	44.30	54.0	9.70	AV	0.00	100	Horizontal	Pass
6	16136.250	54.48	74.0	19.52	Peak	179.00	300	Horizontal	Pass
6**	16136.250	45.54	54.0	8.46	AV	179.00	300	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	1484.900	39.61	74.0	34.39	Peak	264.00	100	Vertical	Pass
1**	1484.900	33.29	54.0	20.71	AV	264.00	100	Vertical	Pass
2	4150.750	47.76	74.0	26.24	Peak	225.00	400	Vertical	Pass
2**	4150.750	37.15	54.0	16.85	AV	225.00	400	Vertical	Pass
3	5698.500	99.06	--	--	Peak	41.00	200	Vertical	N/A
3**	5698.500	91.45	--	--	AV	41.00	200	Vertical	N/A
4	7490.750	53.36	74.0	20.64	Peak	205.00	100	Vertical	Pass
4**	7490.750	43.14	54.0	10.86	AV	205.00	100	Vertical	Pass
5	12505.612	53.20	74.0	20.80	Peak	312.00	200	Vertical	Pass
5**	12505.612	45.15	54.0	8.85	AV	312.00	200	Vertical	Pass
6	16095.300	54.58	74.0	19.42	Peak	118.00	300	Vertical	Pass
6**	16095.300	44.33	54.0	9.67	AV	118.00	300	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	1485.000	39.97	74.0	34.03	Peak	264.00	200	Horizontal	Pass
1**	1485.000	35.58	54.0	18.42	AV	264.00	200	Horizontal	Pass
2	4309.500	47.32	74.0	26.68	Peak	84.00	300	Horizontal	Pass
2**	4309.500	38.56	54.0	15.44	AV	84.00	300	Horizontal	Pass
3	5512.750	100.52	--	--	Peak	166.00	150	Horizontal	N/A
3**	5512.750	94.25	--	--	AV	166.00	150	Horizontal	N/A
4	7584.750	53.36	74.0	20.64	Peak	43.00	200	Horizontal	Pass
4**	7584.750	43.38	54.0	10.62	AV	43.00	200	Horizontal	Pass
5	12523.900	52.93	74.0	21.07	Peak	290.00	200	Horizontal	Pass
5**	12523.900	43.55	54.0	10.45	AV	290.00	200	Horizontal	Pass
6	15904.987	53.81	74.0	20.19	Peak	230.00	400	Horizontal	Pass
6**	15904.987	45.12	54.0	8.88	AV	230.00	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	1484.800	41.92	74.0	32.08	Peak	263.00	200	Vertical	Pass
1**	1484.800	36.73	54.0	17.27	AV	263.00	200	Vertical	Pass
2	4118.500	47.44	74.0	26.56	Peak	286.00	200	Vertical	Pass
2**	4118.500	38.12	54.0	15.88	AV	286.00	200	Vertical	Pass
3	5508.250	97.31	--	--	Peak	41.00	150	Vertical	N/A
3**	5508.250	90.35	--	--	AV	41.00	150	Vertical	N/A
4	7430.500	54.12	74.0	19.88	Peak	307.00	100	Vertical	Pass
4**	7430.500	43.70	54.0	10.30	AV	307.00	100	Vertical	Pass
5	12492.313	53.89	74.0	20.11	Peak	349.00	150	Vertical	Pass
5**	12492.313	43.90	54.0	10.10	AV	349.00	150	Vertical	Pass
6	15890.288	54.38	74.0	19.62	Peak	43.00	300	Vertical	Pass
6**	15890.288	44.52	54.0	9.48	AV	43.00	300	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	1485.000	41.85	74.0	32.15	Peak	98.00	400	Horizontal	Pass
1**	1485.000	38.18	54.0	15.82	AV	98.00	400	Horizontal	Pass
2	4258.000	47.19	74.0	26.81	Peak	360.00	400	Horizontal	Pass
2**	4258.000	38.26	54.0	15.74	AV	360.00	400	Horizontal	Pass
3	5587.500	101.77	--	--	Peak	185.00	200	Horizontal	N/A
3**	5587.500	93.82	--	--	AV	185.00	200	Horizontal	N/A
4	7620.500	53.17	74.0	20.83	Peak	43.00	300	Horizontal	Pass
4**	7620.500	44.28	54.0	9.72	AV	43.00	300	Horizontal	Pass
5	12499.200	53.38	74.0	20.62	Peak	235.00	150	Horizontal	Pass
5**	12499.200	43.88	54.0	10.12	AV	235.00	150	Horizontal	Pass
6	16124.701	54.28	74.0	19.72	Peak	50.00	300	Horizontal	Pass
6**	16124.701	45.15	54.0	8.85	AV	50.00	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	1500.200	40.03	74.0	33.97	Peak	72.00	200	Vertical	Pass
1**	1500.200	33.67	54.0	20.33	AV	72.00	200	Vertical	Pass
2	4320.750	47.49	74.0	26.51	Peak	205.00	400	Vertical	Pass
2**	4320.750	38.06	54.0	15.94	AV	205.00	400	Vertical	Pass
3	5587.750	95.66	--	--	Peak	43.00	150	Vertical	N/A
3**	5587.750	88.02	--	--	AV	43.00	150	Vertical	N/A
4	7594.500	53.95	74.0	20.05	Peak	13.00	400	Vertical	Pass
4**	7594.500	44.19	54.0	9.81	AV	13.00	400	Vertical	Pass
5	12498.013	53.16	74.0	20.84	Peak	10.00	100	Vertical	Pass
5**	12498.013	45.54	54.0	8.46	AV	10.00	100	Vertical	Pass
6	16094.250	54.52	74.0	19.48	Peak	360.00	400	Vertical	Pass
6**	16094.250	44.99	54.0	9.01	AV	360.00	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	1484.600	39.68	74.0	34.32	Peak	0.00	300	Horizontal	Pass
1**	1484.600	32.53	54.0	21.47	AV	0.00	300	Horizontal	Pass
2	4086.750	47.61	74.0	26.39	Peak	327.00	400	Horizontal	Pass
2**	4086.750	37.67	54.0	16.33	AV	327.00	400	Horizontal	Pass
3	5667.500	101.40	--	--	Peak	164.00	150	Horizontal	N/A
3**	5667.500	93.86	--	--	AV	164.00	150	Horizontal	N/A
4	7500.750	52.58	74.0	21.42	Peak	43.00	100	Horizontal	Pass
4**	7500.750	44.07	54.0	9.93	AV	43.00	100	Horizontal	Pass
5	11747.037	53.14	74.0	20.86	Peak	0.00	100	Horizontal	Pass
5**	11747.037	42.82	54.0	11.18	AV	0.00	100	Horizontal	Pass
6	16089.787	54.46	74.0	19.54	Peak	212.00	300	Horizontal	Pass
6**	16089.787	44.66	54.0	9.34	AV	212.00	300	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	1484.900	41.48	74.0	32.52	Peak	0.00	200	Vertical	Pass
1**	1484.900	36.34	54.0	17.66	AV	0.00	200	Vertical	Pass
2	4287.500	47.74	74.0	26.26	Peak	42.00	100	Vertical	Pass
2**	4287.500	37.94	54.0	16.06	AV	42.00	100	Vertical	Pass
3	5671.750	96.82	--	--	Peak	13.00	200	Vertical	N/A
3**	5671.750	89.34	--	--	AV	13.00	200	Vertical	N/A
4	7601.750	53.20	74.0	20.80	Peak	203.00	400	Vertical	Pass
4**	7601.750	43.86	54.0	10.14	AV	203.00	400	Vertical	Pass
5	12476.162	53.30	74.0	20.70	Peak	348.00	150	Vertical	Pass
5**	12476.162	44.31	54.0	9.69	AV	348.00	150	Vertical	Pass
6	16106.849	54.80	74.0	19.20	Peak	236.00	300	Vertical	Pass
6**	16106.849	45.42	54.0	8.58	AV	236.00	300	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	1484.600	41.43	74.0	32.57	Peak	346.00	200	Horizontal	Pass
1**	1484.600	36.49	54.0	17.51	AV	346.00	200	Horizontal	Pass
2	4314.000	49.26	74.0	24.74	Peak	145.00	400	Horizontal	Pass
2**	4314.000	38.23	54.0	15.77	AV	145.00	400	Horizontal	Pass
3	5535.750	96.69	--	--	Peak	145.00	150	Horizontal	N/A
3**	5535.750	88.86	--	--	AV	145.00	150	Horizontal	N/A
4	7599.250	53.26	74.0	20.74	Peak	268.00	200	Horizontal	Pass
4**	7599.250	44.13	54.0	9.87	AV	268.00	200	Horizontal	Pass
5	12535.063	53.12	74.0	20.88	Peak	67.00	100	Horizontal	Pass
5**	12535.063	43.18	54.0	10.82	AV	67.00	100	Horizontal	Pass
6	16106.849	54.63	74.0	19.37	Peak	13.00	200	Horizontal	Pass
6**	16106.849	45.74	54.0	8.26	AV	13.00	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	1484.800	42.12	74.0	31.88	Peak	347.00	100	Vertical	Pass
1**	1484.800	38.74	54.0	15.26	AV	347.00	100	Vertical	Pass
2	4314.500	47.43	74.0	26.57	Peak	13.00	300	Vertical	Pass
2**	4314.500	38.28	54.0	15.72	AV	13.00	300	Vertical	Pass
3	5523.250	93.48	--	--	Peak	13.00	150	Vertical	N/A
3**	5523.250	85.56	--	--	AV	13.00	150	Vertical	N/A
4	7327.000	52.91	74.0	21.09	Peak	45.00	300	Vertical	Pass
4**	7327.000	43.07	54.0	10.93	AV	45.00	300	Vertical	Pass
5	12451.937	53.52	74.0	20.48	Peak	333.00	100	Vertical	Pass
5**	12451.937	43.46	54.0	10.54	AV	333.00	100	Vertical	Pass
6	15886.349	55.08	74.0	18.92	Peak	43.00	400	Vertical	Pass
6**	15886.349	45.43	54.0	8.57	AV	43.00	400	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	1484.800	42.12	74.0	31.88	Peak	346.00	400	Horizontal	Pass
1**	1484.800	37.88	54.0	16.12	AV	346.00	400	Horizontal	Pass
2	4078.750	47.21	74.0	26.79	Peak	265.00	200	Horizontal	Pass
2**	4078.750	37.48	54.0	16.52	AV	265.00	200	Horizontal	Pass
3	5603.250	98.04	--	--	Peak	164.00	100	Horizontal	N/A
3**	5603.250	89.54	--	--	AV	164.00	100	Horizontal	N/A
4	7704.500	53.34	74.0	20.66	Peak	304.00	400	Horizontal	Pass
4**	7704.500	43.93	54.0	10.07	AV	304.00	400	Horizontal	Pass
5	12515.350	53.94	74.0	20.06	Peak	360.00	200	Horizontal	Pass
5**	12515.350	44.76	54.0	9.24	AV	360.00	200	Horizontal	Pass
6	16125.225	54.26	74.0	19.74	Peak	297.00	200	Horizontal	Pass
6**	16125.225	45.28	54.0	8.72	AV	297.00	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	1485.100	40.65	74.0	33.35	Peak	347.00	200	Vertical	Pass
1**	1485.100	36.57	54.0	17.43	AV	347.00	200	Vertical	Pass
2	4252.750	47.12	74.0	26.88	Peak	185.00	300	Vertical	Pass
2**	4252.750	37.58	54.0	16.42	AV	185.00	300	Vertical	Pass
3	5618.000	91.87	--	--	Peak	13.00	150	Vertical	N/A
3**	5618.000	84.03	--	--	AV	13.00	150	Vertical	N/A
4	7324.000	53.89	74.0	20.11	Peak	205.00	300	Vertical	Pass
4**	7324.000	43.56	54.0	10.44	AV	205.00	300	Vertical	Pass
5	12496.588	53.19	74.0	20.81	Peak	45.00	100	Vertical	Pass
5**	12496.588	44.31	54.0	9.69	AV	45.00	100	Vertical	Pass
6	16097.662	54.66	74.0	19.34	Peak	332.00	300	Vertical	Pass
6**	16097.662	45.70	54.0	8.30	AV	332.00	300	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	1484.800	43.45	74.0	30.55	Peak	52.00	100	Horizontal	Pass
1**	1484.800	40.22	54.0	13.78	AV	52.00	100	Horizontal	Pass
2	4205.250	47.54	74.0	26.46	Peak	164.00	200	Horizontal	Pass
2**	4205.250	38.17	54.0	15.83	AV	164.00	200	Horizontal	Pass
3	5743.000	105.05	--	--	Peak	164.00	150	Horizontal	N/A
3**	5743.000	97.51	--	--	AV	164.00	150	Horizontal	N/A
4	7606.500	53.36	74.0	20.64	Peak	326.00	200	Horizontal	Pass
4**	7606.500	43.50	54.0	10.50	AV	326.00	200	Horizontal	Pass
5	12448.612	53.12	74.0	20.88	Peak	67.00	200	Horizontal	Pass
5**	12448.612	43.18	54.0	10.82	AV	67.00	200	Horizontal	Pass
6	16118.662	54.50	74.0	19.50	Peak	360.00	100	Horizontal	Pass
6**	16118.662	45.51	54.0	8.49	AV	360.00	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	1484.800	42.72	74.0	31.28	Peak	166.00	200	Vertical	Pass
1**	1484.800	37.58	54.0	16.42	AV	166.00	200	Vertical	Pass
2	4137.000	47.32	74.0	26.68	Peak	300.00	400	Vertical	Pass
2**	4137.000	37.16	54.0	16.84	AV	300.00	400	Vertical	Pass
3	5743.500	99.98	--	--	Peak	11.00	200	Vertical	N/A
3**	5743.500	92.76	--	--	AV	11.00	200	Vertical	N/A
4	7615.250	53.05	74.0	20.95	Peak	360.00	400	Vertical	Pass
4**	7615.250	43.22	54.0	10.78	AV	360.00	400	Vertical	Pass
5	12504.662	53.47	74.0	20.53	Peak	9.00	100	Vertical	Pass
5**	12504.662	44.01	54.0	9.99	AV	9.00	100	Vertical	Pass
6	16106.849	54.18	74.0	19.82	Peak	142.00	400	Vertical	Pass
6**	16106.849	45.68	54.0	8.32	AV	142.00	400	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	1485.200	41.28	74.0	32.72	Peak	35.00	200	Horizontal	Pass
1**	1485.200	36.77	54.0	17.23	AV	35.00	200	Horizontal	Pass
2	4345.750	47.38	74.0	26.62	Peak	13.00	100	Horizontal	Pass
2**	4345.750	37.92	54.0	16.08	AV	13.00	100	Horizontal	Pass
3	5786.000	104.59	--	--	Peak	125.00	100	Horizontal	N/A
3**	5786.000	97.73	--	--	AV	125.00	100	Horizontal	N/A
4	7599.500	53.09	74.0	20.91	Peak	225.00	400	Horizontal	Pass
4**	7599.500	44.08	54.0	9.92	AV	225.00	400	Horizontal	Pass
5	12494.925	53.45	74.0	20.55	Peak	360.00	100	Horizontal	Pass
5**	12494.925	44.71	54.0	9.29	AV	360.00	100	Horizontal	Pass
6	16149.112	55.12	74.0	18.88	Peak	360.00	300	Horizontal	Pass
6**	16149.112	44.54	54.0	9.46	AV	360.00	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	1485.200	40.90	74.0	33.10	Peak	271.00	400	Vertical	Pass
1**	1485.200	36.37	54.0	17.63	AV	271.00	400	Vertical	Pass
2	4207.250	47.27	74.0	26.73	Peak	43.00	400	Vertical	Pass
2**	4207.250	37.64	54.0	16.36	AV	43.00	400	Vertical	Pass
3	5786.500	100.35	--	--	Peak	360.00	150	Vertical	N/A
3**	5786.500	92.94	--	--	AV	360.00	150	Vertical	N/A
4	7641.000	52.59	74.0	21.41	Peak	164.00	200	Vertical	Pass
4**	7641.000	43.70	54.0	10.30	AV	164.00	200	Vertical	Pass
5	12460.488	52.71	74.0	21.29	Peak	235.00	100	Vertical	Pass
5**	12460.488	43.45	54.0	10.55	AV	235.00	100	Vertical	Pass
6	15904.725	53.95	74.0	20.05	Peak	304.00	400	Vertical	Pass
6**	15904.725	44.68	54.0	9.32	AV	304.00	400	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	1485.000	40.87	74.0	33.13	Peak	114.00	300	Horizontal	Pass
1**	1485.000	36.57	54.0	17.43	AV	114.00	300	Horizontal	Pass
2	4277.000	47.10	74.0	26.90	Peak	313.00	300	Horizontal	Pass
2**	4277.000	37.77	54.0	16.23	AV	313.00	300	Horizontal	Pass
3	5824.000	104.44	--	--	Peak	170.00	200	Horizontal	N/A
3**	5824.000	97.63	--	--	AV	170.00	200	Horizontal	N/A
4	7604.250	52.96	74.0	21.04	Peak	333.00	100	Horizontal	Pass
4**	7604.250	43.65	54.0	10.35	AV	333.00	100	Horizontal	Pass
5	11816.388	52.93	74.0	21.07	Peak	103.00	100	Horizontal	Pass
5**	11816.388	42.78	54.0	11.22	AV	103.00	100	Horizontal	Pass
6	15835.688	53.63	74.0	20.37	Peak	45.00	300	Horizontal	Pass
6**	15835.688	43.90	54.0	10.10	AV	45.00	300	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	1484.800	40.58	74.0	33.42	Peak	55.00	400	Vertical	Pass
1**	1484.800	33.97	54.0	20.03	AV	55.00	400	Vertical	Pass
2	4215.250	47.18	74.0	26.82	Peak	13.00	100	Vertical	Pass
2**	4215.250	37.76	54.0	16.24	AV	13.00	100	Vertical	Pass
3	5823.500	98.84	--	--	Peak	45.00	100	Vertical	N/A
3**	5823.500	91.01	--	--	AV	45.00	100	Vertical	N/A
4	7315.000	52.72	74.0	21.28	Peak	328.00	200	Vertical	Pass
4**	7315.000	44.07	54.0	9.93	AV	328.00	200	Vertical	Pass
5	12515.350	53.03	74.0	20.97	Peak	310.00	100	Vertical	Pass
5**	12515.350	44.23	54.0	9.77	AV	310.00	100	Vertical	Pass
6	16148.588	53.67	74.0	20.33	Peak	106.00	400	Vertical	Pass
6**	16148.588	45.68	54.0	8.32	AV	106.00	400	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	1485.100	41.53	74.0	32.47	Peak	0.00	200	Horizontal	Pass
1**	1485.100	38.04	54.0	15.96	AV	0.00	200	Horizontal	Pass
2	4164.250	46.94	74.0	27.06	Peak	360.00	200	Horizontal	Pass
2**	4164.250	37.80	54.0	16.20	AV	360.00	200	Horizontal	Pass
3	5743.500	104.13	--	--	Peak	183.00	200	Horizontal	N/A
3**	5743.500	96.50	--	--	AV	183.00	200	Horizontal	N/A
4	7596.750	53.22	74.0	20.78	Peak	82.00	300	Horizontal	Pass
4**	7596.750	43.45	54.0	10.55	AV	82.00	300	Horizontal	Pass
5	12512.500	53.40	74.0	20.60	Peak	200.00	150	Horizontal	Pass
5**	12512.500	43.55	54.0	10.45	AV	200.00	150	Horizontal	Pass
6	15892.388	53.42	74.0	20.58	Peak	135.00	200	Horizontal	Pass
6**	15892.388	44.78	54.0	9.22	AV	135.00	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	1485.000	39.74	74.0	34.26	Peak	344.00	100	Vertical	Pass
1**	1485.000	34.93	54.0	19.07	AV	344.00	100	Vertical	Pass
2	4191.250	47.10	74.0	26.90	Peak	258.00	200	Vertical	Pass
2**	4191.250	37.71	54.0	16.29	AV	258.00	200	Vertical	Pass
3	5744.500	99.41	--	--	Peak	14.00	100	Vertical	N/A
3**	5744.500	91.73	--	--	AV	14.00	100	Vertical	N/A
4	7617.250	52.57	74.0	21.43	Peak	237.00	100	Vertical	Pass
4**	7617.250	44.44	54.0	9.56	AV	237.00	100	Vertical	Pass
5	12487.088	52.92	74.0	21.08	Peak	1.00	200	Vertical	Pass
5**	12487.088	44.04	54.0	9.96	AV	1.00	200	Vertical	Pass
6	16102.912	53.67	74.0	20.33	Peak	120.00	300	Vertical	Pass
6**	16102.912	44.80	54.0	9.20	AV	120.00	300	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	1484.900	40.85	74.0	33.15	Peak	75.00	100	Horizontal	Pass
1**	1484.900	36.68	54.0	17.32	AV	75.00	100	Horizontal	Pass
2	4323.500	47.80	74.0	26.20	Peak	360.00	100	Horizontal	Pass
2**	4323.500	39.29	54.0	14.71	AV	360.00	100	Horizontal	Pass
3	5786.000	103.17	--	--	Peak	135.00	200	Horizontal	N/A
3**	5786.000	95.87	--	--	AV	135.00	200	Horizontal	N/A
4	7606.000	53.61	74.0	20.39	Peak	50.00	400	Horizontal	Pass
4**	7606.000	44.27	54.0	9.73	AV	50.00	400	Horizontal	Pass
5	12496.349	52.72	74.0	21.28	Peak	101.00	200	Horizontal	Pass
5**	12496.349	44.72	54.0	9.28	AV	101.00	200	Horizontal	Pass
6	15901.838	53.70	74.0	20.30	Peak	86.00	100	Horizontal	Pass
6**	15901.838	45.63	54.0	8.37	AV	86.00	100	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	1484.900	43.14	74.0	30.86	Peak	344.00	300	Vertical	Pass
1**	1484.900	38.98	54.0	15.02	AV	344.00	300	Vertical	Pass
2	4293.000	47.03	74.0	26.97	Peak	217.00	200	Vertical	Pass
2**	4293.000	37.48	54.0	16.52	AV	217.00	200	Vertical	Pass
3	5787.250	99.14	--	--	Peak	360.00	200	Vertical	N/A
3**	5787.250	91.55	--	--	AV	360.00	200	Vertical	N/A
4	7588.250	52.89	74.0	21.11	Peak	323.00	200	Vertical	Pass
4**	7588.250	43.44	54.0	10.56	AV	323.00	200	Vertical	Pass
5	12472.125	52.78	74.0	21.22	Peak	157.00	100	Vertical	Pass
5**	12472.125	44.66	54.0	9.34	AV	157.00	100	Vertical	Pass
6	16072.200	54.02	74.0	19.98	Peak	178.00	200	Vertical	Pass
6**	16072.200	44.30	54.0	9.70	AV	178.00	200	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	1484.600	40.63	74.0	33.37	Peak	104.00	400	Horizontal	Pass
1**	1484.600	34.49	54.0	19.51	AV	104.00	400	Horizontal	Pass
2	4364.500	46.83	74.0	27.17	Peak	342.00	100	Horizontal	Pass
2**	4364.500	37.59	54.0	16.41	AV	342.00	100	Horizontal	Pass
3	5827.000	103.08	--	--	Peak	175.00	200	Horizontal	N/A
3**	5827.000	96.05	--	--	AV	175.00	200	Horizontal	N/A
4	7315.750	53.25	74.0	20.75	Peak	299.00	100	Horizontal	Pass
4**	7315.750	42.92	54.0	11.08	AV	299.00	100	Horizontal	Pass
5	12499.438	52.93	74.0	21.07	Peak	360.00	200	Horizontal	Pass
5**	12499.438	43.94	54.0	10.06	AV	360.00	200	Horizontal	Pass
6	16117.613	54.20	74.0	19.80	Peak	64.00	400	Horizontal	Pass
6**	16117.613	44.53	54.0	9.47	AV	64.00	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	1484.500	40.08	74.0	33.92	Peak	29.00	100	Vertical	Pass
1**	1484.500	33.31	54.0	20.69	AV	29.00	100	Vertical	Pass
2	4309.250	47.45	74.0	26.55	Peak	47.00	300	Vertical	Pass
2**	4309.250	38.77	54.0	15.23	AV	47.00	300	Vertical	Pass
3	5826.500	98.48	--	--	Peak	47.00	200	Vertical	N/A
3**	5826.500	91.12	--	--	AV	47.00	200	Vertical	N/A
4	7627.000	52.71	74.0	21.29	Peak	14.00	100	Vertical	Pass
4**	7627.000	43.71	54.0	10.29	AV	14.00	100	Vertical	Pass
5	12467.613	53.24	74.0	20.76	Peak	0.00	200	Vertical	Pass
5**	12467.613	43.64	54.0	10.36	AV	0.00	200	Vertical	Pass
6	15891.338	54.69	74.0	19.31	Peak	255.00	200	Vertical	Pass
6**	15891.338	44.71	54.0	9.29	AV	255.00	200	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	1485.000	40.78	74.0	33.22	Peak	118.00	100	Horizontal	Pass
1**	1485.000	35.46	54.0	18.54	AV	118.00	100	Horizontal	Pass
2	4092.750	47.32	74.0	26.68	Peak	360.00	300	Horizontal	Pass
2**	4092.750	37.82	54.0	16.18	AV	360.00	300	Horizontal	Pass
3	5756.250	100.31	--	--	Peak	175.00	100	Horizontal	N/A
3**	5756.250	92.65	--	--	AV	175.00	100	Horizontal	N/A
4	7619.750	53.13	74.0	20.87	Peak	360.00	300	Horizontal	Pass
4**	7619.750	43.62	54.0	10.38	AV	360.00	300	Horizontal	Pass
5	12484.950	52.47	74.0	21.53	Peak	0.00	150	Horizontal	Pass
5**	12484.950	44.13	54.0	9.87	AV	0.00	150	Horizontal	Pass
6	16137.037	53.75	74.0	20.25	Peak	205.00	400	Horizontal	Pass
6**	16137.037	44.92	54.0	9.08	AV	205.00	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	1484.800	41.28	74.0	32.72	Peak	201.00	100	Vertical	Pass
1**	1484.800	36.74	54.0	17.26	AV	201.00	100	Vertical	Pass
2	4341.500	47.74	74.0	26.26	Peak	50.00	400	Vertical	Pass
2**	4341.500	38.19	54.0	15.81	AV	50.00	400	Vertical	Pass
3	5752.000	95.96	--	--	Peak	50.00	200	Vertical	N/A
3**	5752.000	88.03	--	--	AV	50.00	200	Vertical	N/A
4	7663.000	53.02	74.0	20.98	Peak	174.00	400	Vertical	Pass
4**	7663.000	42.65	54.0	11.35	AV	174.00	400	Vertical	Pass
5	12467.375	53.08	74.0	20.92	Peak	27.00	200	Vertical	Pass
5**	12467.375	44.25	54.0	9.75	AV	27.00	200	Vertical	Pass
6	16083.488	54.06	74.0	19.94	Peak	147.00	100	Vertical	Pass
6**	16083.488	44.45	54.0	9.55	AV	147.00	100	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	1484.800	40.32	74.0	33.68	Peak	360.00	200	Horizontal	Pass
1**	1484.800	34.97	54.0	19.03	AV	360.00	200	Horizontal	Pass
2	4242.500	47.24	74.0	26.76	Peak	134.00	300	Horizontal	Pass
2**	4242.500	37.72	54.0	16.28	AV	134.00	300	Horizontal	Pass
3	5793.000	100.06	--	--	Peak	154.00	100	Horizontal	N/A
3**	5793.000	92.76	--	--	AV	154.00	100	Horizontal	N/A
4	7617.000	52.83	74.0	21.17	Peak	71.00	400	Horizontal	Pass
4**	7617.000	43.58	54.0	10.42	AV	71.00	400	Horizontal	Pass
5	11815.675	53.08	74.0	20.92	Peak	153.00	150	Horizontal	Pass
5**	11815.675	42.61	54.0	11.39	AV	153.00	150	Horizontal	Pass
6	16091.888	54.29	74.0	19.71	Peak	178.00	400	Horizontal	Pass
6**	16091.888	44.58	54.0	9.42	AV	178.00	400	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	1484.900	40.98	74.0	33.02	Peak	0.00	400	Vertical	Pass
1**	1484.900	37.48	54.0	16.52	AV	0.00	400	Vertical	Pass
2	4127.250	47.31	74.0	26.69	Peak	360.00	100	Vertical	Pass
2**	4127.250	38.50	54.0	15.50	AV	360.00	100	Vertical	Pass
3	5797.500	95.02	--	--	Peak	360.00	150	Vertical	N/A
3**	5797.500	86.95	--	--	AV	360.00	150	Vertical	N/A
4	7595.750	52.59	74.0	21.41	Peak	132.00	400	Vertical	Pass
4**	7595.750	44.23	54.0	9.77	AV	132.00	400	Vertical	Pass
5	12489.463	53.69	74.0	20.31	Peak	160.00	200	Vertical	Pass
5**	12489.463	44.12	54.0	9.88	AV	160.00	200	Vertical	Pass
6	16105.800	54.32	74.0	19.68	Peak	16.00	400	Vertical	Pass
6**	16105.800	44.84	54.0	9.16	AV	16.00	400	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	1484.600	39.94	74.0	34.06	Peak	110.00	100	Horizontal	Pass
1**	1484.600	33.94	54.0	20.06	AV	110.00	100	Horizontal	Pass
2	4246.250	48.04	74.0	25.96	Peak	193.00	200	Horizontal	Pass
2**	4246.250	38.44	54.0	15.56	AV	193.00	200	Horizontal	Pass
3	5743.250	104.32	--	--	Peak	173.00	100	Horizontal	N/A
3**	5743.250	96.49	--	--	AV	173.00	100	Horizontal	N/A
4	7617.250	53.76	74.0	20.24	Peak	151.00	200	Horizontal	Pass
4**	7617.250	43.83	54.0	10.17	AV	151.00	200	Horizontal	Pass
5	12498.725	52.49	74.0	21.51	Peak	217.00	100	Horizontal	Pass
5**	12498.725	43.86	54.0	10.14	AV	217.00	100	Horizontal	Pass
6	16110.788	53.72	74.0	20.28	Peak	101.00	400	Horizontal	Pass
6**	16110.788	44.97	54.0	9.03	AV	101.00	400	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	1485.200	40.38	74.0	33.62	Peak	115.00	100	Vertical	Pass
1**	1485.200	35.58	54.0	18.42	AV	115.00	100	Vertical	Pass
2	4347.500	48.16	74.0	25.84	Peak	16.00	300	Vertical	Pass
2**	4347.500	38.83	54.0	15.17	AV	16.00	300	Vertical	Pass
3	5743.750	99.15	--	--	Peak	16.00	200	Vertical	N/A
3**	5743.750	91.95	--	--	AV	16.00	200	Vertical	N/A
4	7608.000	53.99	74.0	20.01	Peak	304.00	300	Vertical	Pass
4**	7608.000	43.69	54.0	10.31	AV	304.00	300	Vertical	Pass
5	12457.875	53.24	74.0	20.76	Peak	235.00	100	Vertical	Pass
5**	12457.875	43.84	54.0	10.16	AV	235.00	100	Vertical	Pass
6	16113.412	53.84	74.0	20.16	Peak	161.00	300	Vertical	Pass
6**	16113.412	44.86	54.0	9.14	AV	161.00	300	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	1484.800	41.51	74.0	32.49	Peak	0.00	400	Horizontal	Pass
1**	1484.800	37.36	54.0	16.64	AV	0.00	400	Horizontal	Pass
2	4260.000	47.10	74.0	26.90	Peak	343.00	100	Horizontal	Pass
2**	4260.000	38.14	54.0	15.86	AV	343.00	100	Horizontal	Pass
3	5786.500	103.40	--	--	Peak	132.00	100	Horizontal	N/A
3**	5786.500	95.85	--	--	AV	132.00	100	Horizontal	N/A
4	7340.750	52.88	74.0	21.12	Peak	360.00	100	Horizontal	Pass
4**	7340.750	43.74	54.0	10.26	AV	360.00	100	Horizontal	Pass
5	12514.875	52.42	74.0	21.58	Peak	123.00	150	Horizontal	Pass
5**	12514.875	43.65	54.0	10.35	AV	123.00	150	Horizontal	Pass
6	16135.463	53.42	74.0	20.58	Peak	236.00	200	Horizontal	Pass
6**	16135.463	44.69	54.0	9.31	AV	236.00	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	1484.900	40.24	74.0	33.76	Peak	35.00	300	Vertical	Pass
1**	1484.900	34.02	54.0	19.98	AV	35.00	300	Vertical	Pass
2	4336.000	47.42	74.0	26.58	Peak	227.00	200	Vertical	Pass
2**	4336.000	38.12	54.0	15.88	AV	227.00	200	Vertical	Pass
3	5786.000	98.68	--	--	Peak	14.00	200	Vertical	N/A
3**	5786.000	91.61	--	--	AV	14.00	200	Vertical	N/A
4	7599.000	52.79	74.0	21.21	Peak	266.00	300	Vertical	Pass
4**	7599.000	43.89	54.0	10.11	AV	266.00	300	Vertical	Pass
5	12488.275	52.73	74.0	21.27	Peak	45.00	150	Vertical	Pass
5**	12488.275	43.84	54.0	10.16	AV	45.00	150	Vertical	Pass
6	16111.838	54.28	74.0	19.72	Peak	205.00	300	Vertical	Pass
6**	16111.838	45.30	54.0	8.70	AV	205.00	300	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	1485.000	39.93	74.0	34.07	Peak	0.00	200	Horizontal	Pass
1**	1485.000	34.68	54.0	19.32	AV	0.00	200	Horizontal	Pass
2	4047.750	47.22	74.0	26.78	Peak	16.00	200	Horizontal	Pass
2**	4047.750	37.88	54.0	16.12	AV	16.00	200	Horizontal	Pass
3	5826.750	103.37	--	--	Peak	175.00	100	Horizontal	N/A
3**	5826.750	96.15	--	--	AV	175.00	100	Horizontal	N/A
4	7594.250	53.53	74.0	20.47	Peak	16.00	300	Horizontal	Pass
4**	7594.250	43.92	54.0	10.08	AV	16.00	300	Horizontal	Pass
5	12432.700	53.36	74.0	20.64	Peak	116.00	150	Horizontal	Pass
5**	12432.700	43.76	54.0	10.24	AV	116.00	150	Horizontal	Pass
6	16120.762	54.19	74.0	19.81	Peak	48.00	200	Horizontal	Pass
6**	16120.762	44.56	54.0	9.44	AV	48.00	200	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	1484.500	40.08	74.0	33.92	Peak	29.00	100	Vertical	Pass
1**	1484.500	33.31	54.0	20.69	AV	29.00	100	Vertical	Pass
2	4309.250	47.45	74.0	26.55	Peak	47.00	300	Vertical	Pass
2**	4309.250	38.77	54.0	15.23	AV	47.00	300	Vertical	Pass
3	5826.500	98.48	--	--	Peak	47.00	200	Vertical	N/A
3**	5826.500	91.12	--	--	AV	47.00	200	Vertical	N/A
4	7627.000	52.71	74.0	21.29	Peak	14.00	100	Vertical	Pass
4**	7627.000	43.71	54.0	10.29	AV	14.00	100	Vertical	Pass
5	12467.613	53.24	74.0	20.76	Peak	0.00	200	Vertical	Pass
5**	12467.613	43.64	54.0	10.36	AV	0.00	200	Vertical	Pass
6	15891.338	54.69	74.0	19.31	Peak	255.00	200	Vertical	Pass
6**	15891.338	44.71	54.0	9.29	AV	255.00	200	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	1484.500	40.33	74.0	33.67	Peak	0.00	300	Horizontal	Pass
1**	1484.500	33.23	54.0	20.77	AV	0.00	300	Horizontal	Pass
2	4232.500	47.85	74.0	26.15	Peak	16.00	200	Horizontal	Pass
2**	4232.500	37.26	54.0	16.74	AV	16.00	200	Horizontal	Pass
3	5752.000	100.87	--	--	Peak	175.00	200	Horizontal	N/A
3**	5752.000	92.74	--	--	AV	175.00	200	Horizontal	N/A
4	7590.250	53.35	74.0	20.65	Peak	16.00	300	Horizontal	Pass
4**	7590.250	45.41	54.0	8.59	AV	16.00	300	Horizontal	Pass
5	12506.563	52.98	74.0	21.02	Peak	360.00	100	Horizontal	Pass
5**	12506.563	43.85	54.0	10.15	AV	360.00	100	Horizontal	Pass
6	16075.875	53.79	74.0	20.21	Peak	297.00	400	Horizontal	Pass
6**	16075.875	43.64	54.0	10.36	AV	297.00	400	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	1484.700	39.18	74.0	34.82	Peak	16.00	400	Vertical	Pass
1**	1484.700	34.07	54.0	19.93	AV	16.00	400	Vertical	Pass
2	4112.500	46.99	74.0	27.01	Peak	64.00	100	Vertical	Pass
2**	4112.500	36.96	54.0	17.04	AV	64.00	100	Vertical	Pass
3	5752.750	95.46	--	--	Peak	43.00	200	Vertical	N/A
3**	5752.750	87.83	--	--	AV	43.00	200	Vertical	N/A
4	7617.250	53.02	74.0	20.98	Peak	144.00	400	Vertical	Pass
4**	7617.250	43.64	54.0	10.36	AV	144.00	400	Vertical	Pass
5	12498.013	52.68	74.0	21.32	Peak	104.00	150	Vertical	Pass
5**	12498.013	43.89	54.0	10.11	AV	104.00	150	Vertical	Pass
6	16112.888	54.13	74.0	19.87	Peak	14.00	400	Vertical	Pass
6**	16112.888	44.73	54.0	9.27	AV	14.00	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	1484.700	42.36	74.0	31.64	Peak	14.00	200	Horizontal	Pass
1**	1484.700	37.81	54.0	16.19	AV	14.00	200	Horizontal	Pass
2	4186.500	47.01	74.0	26.99	Peak	321.00	100	Horizontal	Pass
2**	4186.500	37.47	54.0	16.53	AV	321.00	100	Horizontal	Pass
3	5793.250	99.86	--	--	Peak	154.00	100	Horizontal	N/A
3**	5793.250	92.25	--	--	AV	154.00	100	Horizontal	N/A
4	7365.750	53.10	74.0	20.90	Peak	258.00	200	Horizontal	Pass
4**	7365.750	43.29	54.0	10.71	AV	258.00	200	Horizontal	Pass
5	12497.063	53.08	74.0	20.92	Peak	214.00	150	Horizontal	Pass
5**	12497.063	44.13	54.0	9.87	AV	214.00	150	Horizontal	Pass
6	15895.537	54.05	74.0	19.95	Peak	64.00	400	Horizontal	Pass
6**	15895.537	44.50	54.0	9.50	AV	64.00	400	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	1484.900	40.34	74.0	33.66	Peak	247.00	300	Vertical	Pass
1**	1484.900	34.32	54.0	19.68	AV	247.00	300	Vertical	Pass
2	4342.750	47.04	74.0	26.96	Peak	16.00	100	Vertical	Pass
2**	4342.750	38.17	54.0	15.83	AV	16.00	100	Vertical	Pass
3	5793.250	94.72	--	--	Peak	360.00	200	Vertical	N/A
3**	5793.250	87.41	--	--	AV	360.00	200	Vertical	N/A
4	7740.000	52.97	74.0	21.03	Peak	282.00	300	Vertical	Pass
4**	7740.000	42.94	54.0	11.06	AV	282.00	300	Vertical	Pass
5	12445.287	53.30	74.0	20.70	Peak	330.00	200	Vertical	Pass
5**	12445.287	43.38	54.0	10.62	AV	330.00	200	Vertical	Pass
6	16126.276	53.79	74.0	20.21	Peak	140.00	300	Vertical	Pass
6**	16126.276	45.20	54.0	8.80	AV	140.00	300	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	1484.900	39.63	74.0	34.37	Peak	215.00	200	Horizontal	Pass
1**	1484.900	34.35	54.0	19.65	AV	215.00	200	Horizontal	Pass
2	4175.500	47.29	74.0	26.71	Peak	18.00	100	Horizontal	Pass
2**	4175.500	38.79	54.0	15.21	AV	18.00	100	Horizontal	Pass
3	5768.250	96.16	--	--	Peak	176.00	200	Horizontal	N/A
3**	5768.250	88.39	--	--	AV	176.00	200	Horizontal	N/A
4	7604.250	52.98	74.0	21.02	Peak	219.00	200	Horizontal	Pass
4**	7604.250	44.51	54.0	9.49	AV	219.00	200	Horizontal	Pass
5	12508.225	53.41	74.0	20.59	Peak	360.00	150	Horizontal	Pass
5**	12508.225	44.12	54.0	9.88	AV	360.00	150	Horizontal	Pass
6	15916.276	53.97	74.0	20.03	Peak	333.00	400	Horizontal	Pass
6**	15916.276	44.82	54.0	9.18	AV	333.00	400	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	1500.500	39.08	74.0	34.92	Peak	6.00	200	Vertical	Pass
1**	1500.500	32.89	54.0	21.11	AV	6.00	200	Vertical	Pass
2	4315.750	47.68	74.0	26.32	Peak	300.00	300	Vertical	Pass
2**	4315.750	37.68	54.0	16.32	AV	300.00	300	Vertical	Pass
3	5788.250	90.86	--	--	Peak	360.00	150	Vertical	N/A
3**	5788.250	83.80	--	--	AV	360.00	150	Vertical	N/A
4	7592.750	52.85	74.0	21.15	Peak	89.00	400	Vertical	Pass
4**	7592.750	43.19	54.0	10.81	AV	89.00	400	Vertical	Pass
5	12476.637	53.35	74.0	20.65	Peak	360.00	200	Vertical	Pass
5**	12476.637	44.86	54.0	9.14	AV	360.00	200	Vertical	Pass
6	16089.525	54.06	74.0	19.94	Peak	317.00	100	Vertical	Pass
6**	16089.525	44.37	54.0	9.63	AV	317.00	100	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	1498.400	38.31	74.0	35.69	Peak	104.00	100	Horizontal	Pass
1**	1498.400	28.59	54.0	25.41	AV	104.00	100	Horizontal	Pass
2	3809.750	47.45	74.0	26.55	Peak	296.00	100	Horizontal	Pass
2**	3809.750	37.43	54.0	16.57	AV	296.00	100	Horizontal	Pass
3	5719.000	101.29	--	--	Peak	118.00	100	Horizontal	N/A
3**	5719.000	93.78	--	--	AV	118.00	100	Horizontal	N/A
4	7423.500	53.14	74.0	20.86	Peak	99.00	100	Horizontal	Pass
4**	7423.500	43.76	54.0	10.24	AV	99.00	100	Horizontal	Pass
5	12481.388	53.42	74.0	20.58	Peak	132.00	100	Horizontal	Pass
5**	12481.388	45.15	54.0	8.85	AV	132.00	100	Horizontal	Pass
6	15873.487	54.12	74.0	19.88	Peak	177.00	100	Horizontal	Pass
6**	15873.487	45.25	54.0	8.75	AV	177.00	100	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	1577.300	38.32	74.0	35.68	Peak	358.00	100	Vertical	Pass
1**	1577.300	28.98	54.0	25.02	AV	358.00	100	Vertical	Pass
2	4323.500	47.21	74.0	26.79	Peak	87.00	300	Vertical	Pass
2**	4323.500	38.82	54.0	15.18	AV	87.00	300	Vertical	Pass
3	5721.000	96.16	--	--	Peak	67.00	150	Vertical	N/A
3**	5721.000	88.82	--	--	AV	67.00	150	Vertical	N/A
4	7591.500	53.11	74.0	20.89	Peak	360.00	300	Vertical	Pass
4**	7591.500	44.20	54.0	9.80	AV	360.00	300	Vertical	Pass
5	12491.837	54.72	74.0	19.28	Peak	270.00	200	Vertical	Pass
5**	12491.837	44.05	54.0	9.95	AV	270.00	200	Vertical	Pass
6	15884.250	54.06	74.0	19.94	Peak	87.00	100	Vertical	Pass
6**	15884.250	44.76	54.0	9.24	AV	87.00	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	1551.200	38.61	74.0	35.39	Peak	283.00	200	Horizontal	Pass
1**	1551.200	29.17	54.0	24.83	AV	283.00	200	Horizontal	Pass
2	3711.750	47.60	74.0	26.40	Peak	162.00	200	Horizontal	Pass
2**	3711.750	38.31	54.0	15.69	AV	162.00	200	Horizontal	Pass
3	5719.000	97.60	--	--	Peak	141.00	150	Horizontal	N/A
3**	5719.000	91.38	--	--	AV	141.00	150	Horizontal	N/A
4	7592.250	53.20	74.0	20.80	Peak	21.00	100	Horizontal	Pass
4**	7592.250	44.15	54.0	9.85	AV	21.00	100	Horizontal	Pass
5	12672.575	53.10	74.0	20.90	Peak	287.00	100	Horizontal	Pass
5**	12672.575	43.98	54.0	10.02	AV	287.00	100	Horizontal	Pass
6	15906.562	54.62	74.0	19.38	Peak	357.00	200	Horizontal	Pass
6**	15906.562	45.69	54.0	8.31	AV	357.00	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	1618.900	38.52	74.0	35.48	Peak	74.00	400	Vertical	Pass
1**	1618.900	29.40	54.0	24.60	AV	74.00	400	Vertical	Pass
2	4394.500	47.83	74.0	26.17	Peak	264.00	100	Vertical	Pass
2**	4394.500	39.78	54.0	14.22	AV	264.00	100	Vertical	Pass
3	5719.000	95.32	--	--	Peak	41.00	100	Vertical	N/A
3**	5719.000	88.08	--	--	AV	41.00	100	Vertical	N/A
4	7584.250	52.97	74.0	21.03	Peak	62.00	100	Vertical	Pass
4**	7584.250	45.42	54.0	8.58	AV	62.00	100	Vertical	Pass
5	12505.612	53.58	74.0	20.42	Peak	295.00	100	Vertical	Pass
5**	12505.612	43.92	54.0	10.08	AV	295.00	100	Vertical	Pass
6	16132.050	54.49	74.0	19.51	Peak	67.00	100	Vertical	Pass
6**	16132.050	45.22	54.0	8.78	AV	67.00	100	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	1618.800	38.33	74.0	35.67	Peak	28.00	400	Horizontal	Pass
1**	1618.800	29.11	54.0	24.89	AV	28.00	400	Horizontal	Pass
2	4315.250	47.26	74.0	26.74	Peak	23.00	300	Horizontal	Pass
2**	4315.250	38.33	54.0	15.67	AV	23.00	300	Horizontal	Pass
3	5713.750	98.85	--	--	Peak	120.00	150	Horizontal	N/A
3**	5713.750	90.85	--	--	AV	120.00	150	Horizontal	N/A
4	7372.750	53.00	74.0	21.00	Peak	360.00	100	Horizontal	Pass
4**	7372.750	43.44	54.0	10.56	AV	360.00	100	Horizontal	Pass
5	12513.450	54.01	74.0	19.99	Peak	359.00	200	Horizontal	Pass
5**	12513.450	45.12	54.0	8.88	AV	359.00	200	Horizontal	Pass
6	15915.487	54.11	74.0	19.89	Peak	281.00	200	Horizontal	Pass
6**	15915.487	45.40	54.0	8.60	AV	281.00	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	1579.300	38.25	74.0	35.75	Peak	3.00	300	Vertical	Pass
1**	1579.300	29.18	54.0	24.82	AV	3.00	300	Vertical	Pass
2	4127.750	47.02	74.0	26.98	Peak	360.00	100	Vertical	Pass
2**	4127.750	37.79	54.0	16.21	AV	360.00	100	Vertical	Pass
3	5712.000	94.10	--	--	Peak	82.00	100	Vertical	N/A
3**	5712.000	86.36	--	--	AV	82.00	100	Vertical	N/A
4	7423.250	53.33	74.0	20.67	Peak	222.00	200	Vertical	Pass
4**	7423.250	44.22	54.0	9.78	AV	222.00	200	Vertical	Pass
5	12503.713	53.45	74.0	20.55	Peak	273.00	100	Vertical	Pass
5**	12503.713	45.01	54.0	8.99	AV	273.00	100	Vertical	Pass
6	16122.863	54.31	74.0	19.69	Peak	111.00	200	Vertical	Pass
6**	16122.863	44.75	54.0	9.25	AV	111.00	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	1484.900	38.91	74.0	35.09	Peak	34.00	200	Horizontal	Pass
1**	1484.900	31.37	54.0	22.63	AV	34.00	200	Horizontal	Pass
2	4173.000	46.70	74.0	27.30	Peak	259.00	100	Horizontal	Pass
2**	4173.000	37.51	54.0	16.49	AV	259.00	100	Horizontal	Pass
3	5719.000	101.07	--	--	Peak	120.00	150	Horizontal	N/A
3**	5719.000	93.78	--	--	AV	120.00	150	Horizontal	N/A
4	7422.750	53.56	74.0	20.44	Peak	120.00	200	Horizontal	Pass
4**	7422.750	44.62	54.0	9.38	AV	120.00	200	Horizontal	Pass
5	12503.000	53.32	74.0	20.68	Peak	281.00	150	Horizontal	Pass
5**	12503.000	44.51	54.0	9.49	AV	281.00	150	Horizontal	Pass
6	15879.525	54.14	74.0	19.86	Peak	43.00	200	Horizontal	Pass
6**	15879.525	44.79	54.0	9.21	AV	43.00	200	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	1515.600	38.52	74.0	35.48	Peak	129.00	100	Vertical	Pass
1**	1515.600	29.15	54.0	24.85	AV	129.00	100	Vertical	Pass
2	4364.500	47.19	74.0	26.81	Peak	21.00	300	Vertical	Pass
2**	4364.500	37.66	54.0	16.34	AV	21.00	300	Vertical	Pass
3	5721.750	95.82	--	--	Peak	333.00	100	Vertical	N/A
3**	5721.750	88.47	--	--	AV	333.00	100	Vertical	N/A
4	7497.500	53.00	74.0	21.00	Peak	333.00	100	Vertical	Pass
4**	7497.500	43.02	54.0	10.98	AV	333.00	100	Vertical	Pass
5	12459.062	53.63	74.0	20.37	Peak	254.00	100	Vertical	Pass
5**	12459.062	44.07	54.0	9.93	AV	254.00	100	Vertical	Pass
6	15897.375	54.61	74.0	19.39	Peak	329.00	400	Vertical	Pass
6**	15897.375	45.43	54.0	8.57	AV	329.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.800	38.01	74.0	35.99	Peak	9.00	100	Horizontal	Pass
1**	1488.800	28.34	54.0	25.66	AV	9.00	100	Horizontal	Pass
2	3710.750	47.29	74.0	26.71	Peak	60.00	100	Horizontal	Pass
2**	3710.750	39.45	54.0	14.55	AV	60.00	100	Horizontal	Pass
3	5707.500	98.48	--	--	Peak	120.00	200	Horizontal	N/A
3**	5707.500	90.47	--	--	AV	120.00	200	Horizontal	N/A
4	7596.500	53.17	74.0	20.83	Peak	314.00	100	Horizontal	Pass
4**	7596.500	43.85	54.0	10.15	AV	314.00	100	Horizontal	Pass
5	12488.037	53.51	74.0	20.49	Peak	191.00	200	Horizontal	Pass
5**	12488.037	44.97	54.0	9.03	AV	191.00	200	Horizontal	Pass
6	15693.150	54.07	74.0	19.93	Peak	251.00	300	Horizontal	Pass
6**	15693.150	44.96	54.0	9.04	AV	251.00	300	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	1480.000	38.55	74.0	35.45	Peak	305.00	300	Vertical	Pass
1**	1480.000	29.37	54.0	24.63	AV	305.00	300	Vertical	Pass
2	4281.750	47.56	74.0	26.44	Peak	118.00	300	Vertical	Pass
2**	4281.750	37.43	54.0	16.57	AV	118.00	300	Vertical	Pass
3	5712.500	93.17	--	--	Peak	81.00	200	Vertical	N/A
3**	5712.500	85.66	--	--	AV	81.00	200	Vertical	N/A
4	7625.250	53.47	74.0	20.53	Peak	177.00	400	Vertical	Pass
4**	7625.250	43.45	54.0	10.55	AV	177.00	400	Vertical	Pass
5	12540.049	53.60	74.0	20.40	Peak	358.00	150	Vertical	Pass
5**	12540.049	44.08	54.0	9.92	AV	358.00	150	Vertical	Pass
6	15895.276	54.35	74.0	19.65	Peak	55.00	100	Vertical	Pass
6**	15895.276	45.27	54.0	8.73	AV	55.00	100	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	1546.500	38.10	74.0	35.90	Peak	118.00	300	Horizontal	Pass
1**	1546.500	29.10	54.0	24.90	AV	118.00	300	Horizontal	Pass
2	4288.000	47.46	74.0	26.54	Peak	286.00	100	Horizontal	Pass
2**	4288.000	39.08	54.0	14.92	AV	286.00	100	Horizontal	Pass
3	5686.500	95.74	--	--	Peak	125.00	200	Horizontal	N/A
3**	5686.500	88.12	--	--	AV	125.00	200	Horizontal	N/A
4	7422.250	53.21	74.0	20.79	Peak	246.00	300	Horizontal	Pass
4**	7422.250	44.54	54.0	9.46	AV	246.00	300	Horizontal	Pass
5	12493.500	53.07	74.0	20.93	Peak	196.00	150	Horizontal	Pass
5**	12493.500	45.05	54.0	8.95	AV	196.00	150	Horizontal	Pass
6	16098.713	54.39	74.0	19.61	Peak	21.00	200	Horizontal	Pass
6**	16098.713	45.41	54.0	8.59	AV	21.00	200	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	1594.500	38.99	74.0	35.01	Peak	20.00	300	Vertical	Pass
1**	1594.500	28.61	54.0	25.39	AV	20.00	300	Vertical	Pass
2	4335.500	47.94	74.0	26.06	Peak	252.00	300	Vertical	Pass
2**	4335.500	38.53	54.0	15.47	AV	252.00	300	Vertical	Pass
3	5687.500	89.26	--	--	Peak	334.00	150	Vertical	N/A
3**	5687.500	81.61	--	--	AV	334.00	150	Vertical	N/A
4	7599.500	53.07	74.0	20.93	Peak	273.00	400	Vertical	Pass
4**	7599.500	45.05	54.0	8.95	AV	273.00	400	Vertical	Pass
5	12451.463	53.64	74.0	20.36	Peak	0.00	100	Vertical	Pass
5**	12451.463	43.32	54.0	10.68	AV	0.00	100	Vertical	Pass
6	15876.112	54.15	74.0	19.85	Peak	239.00	200	Vertical	Pass
6**	15876.112	44.97	54.0	9.03	AV	239.00	200	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	5147.833	65.03	74.0	8.97	Peak	0.00	100	Horizontal	Pass
1**	5147.833	47.70	54.0	6.30	AV	0.00	100	Horizontal	Pass
2	5150.000	65.04	74.0	8.96	Peak	360.00	150	Horizontal	Pass
2**	5150.000	48.40	54.0	5.60	AV	360.00	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	56.14	74.0	17.86	Peak	130.00	200	Horizontal	Pass
1**	5350.000	45.45	54.0	8.55	AV	130.00	200	Horizontal	Pass
2	5374.567	56.93	74.0	17.07	Peak	151.00	150	Horizontal	Pass
2**	5374.567	45.11	54.0	8.89	AV	151.00	150	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	66.76	74.0	7.24	Peak	0.00	200	Horizontal	Pass
1**	5148.917	48.52	54.0	5.48	AV	0.00	200	Horizontal	Pass
2	5150.000	68.75	74.0	5.25	Peak	348.00	100	Horizontal	Pass
2**	5150.000	49.09	54.0	4.91	AV	348.00	100	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	55.48	74.0	18.52	Peak	60.00	150	Horizontal	Pass
1**	5350.000	45.44	54.0	8.56	AV	60.00	150	Horizontal	Pass
2	5353.850	57.24	74.0	16.76	Peak	1.00	150	Horizontal	Pass
2**	5353.850	45.18	54.0	8.82	AV	1.00	150	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	5148.917	67.00	74.0	7.00	Peak	0.00	100	Horizontal	Pass
1**	5148.917	47.04	54.0	6.96	AV	0.00	100	Horizontal	Pass
2	5150.000	68.12	74.0	5.88	Peak	152.00	200	Horizontal	Pass
2**	5150.000	47.51	54.0	6.49	AV	152.00	200	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	55.26	74.0	18.74	Peak	217.00	150	Horizontal	Pass
1**	5350.000	45.38	54.0	8.62	AV	217.00	150	Horizontal	Pass
2	5365.767	56.97	74.0	17.03	Peak	130.00	150	Horizontal	Pass
2**	5365.767	44.79	54.0	9.21	AV	130.00	150	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	5147.833	59.15	74.0	14.85	Peak	162.00	200	Horizontal	Pass
1**	5147.833	46.17	54.0	7.83	AV	162.00	200	Horizontal	Pass
2	5150.000	62.74	74.0	11.26	Peak	155.00	150	Horizontal	Pass
2**	5150.000	46.32	54.0	7.68	AV	155.00	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	55.57	74.0	18.43	Peak	120.00	150	Horizontal	Pass
1**	5350.000	45.47	54.0	8.53	AV	120.00	150	Horizontal	Pass
2	5353.300	57.57	74.0	16.43	Peak	157.00	150	Horizontal	Pass
2**	5353.300	45.28	54.0	8.72	AV	157.00	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	5146.750	66.70	74.0	7.30	Peak	0.00	150	Horizontal	Pass
1**	5146.750	47.81	54.0	6.19	AV	0.00	150	Horizontal	Pass
2	5150.000	64.57	74.0	9.43	Peak	35.00	150	Horizontal	Pass
2**	5150.000	47.96	54.0	6.04	AV	35.00	150	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	55.71	74.0	18.29	Peak	132.00	200	Horizontal	Pass
1**	5350.000	45.39	54.0	8.61	AV	132.00	200	Horizontal	Pass
2	5378.967	56.90	74.0	17.10	Peak	15.00	150	Horizontal	Pass
2**	5378.967	45.43	54.0	8.57	AV	15.00	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	5134.834	64.87	74.0	9.13	Peak	155.00	200	Horizontal	Pass
1**	5134.834	46.82	54.0	7.18	AV	155.00	200	Horizontal	Pass
2	5150.000	62.21	74.0	11.79	Peak	154.00	100	Horizontal	Pass
2**	5150.000	48.00	54.0	6.00	AV	154.00	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	56.73	74.0	17.27	Peak	360.00	100	Horizontal	Pass
1**	5350.000	45.44	54.0	8.56	AV	360.00	100	Horizontal	Pass
2	5373.100	56.90	74.0	17.10	Peak	268.00	100	Horizontal	Pass
2**	5373.100	44.95	54.0	9.05	AV	268.00	100	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	5004.833	56.40	74.0	17.60	Peak	69.00	100	Horizontal	Pass
1**	5004.833	44.16	54.0	9.84	AV	69.00	100	Horizontal	Pass
2	5150.000	55.46	74.0	18.54	Peak	32.00	200	Horizontal	Pass
2**	5150.000	44.72	54.0	9.28	AV	32.00	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	67.43	74.0	6.57	Peak	130.00	200	Horizontal	Pass
1**	5350.000	48.82	54.0	5.18	AV	130.00	200	Horizontal	Pass
2	5351.467	69.15	74.0	4.85	Peak	161.00	150	Horizontal	Pass
2**	5351.467	48.29	54.0	5.71	AV	161.00	150	Horizontal	Pass
3	5350.183	66.91	74.0	7.09	Peak	156.00	100	Horizontal	Pass
3**	5350.183	49.12	54.0	4.88	AV	156.00	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	4883.500	56.35	74.0	17.65	Peak	348.00	100	Horizontal	Pass
1**	4883.500	44.27	54.0	9.73	AV	348.00	100	Horizontal	Pass
2	5150.000	54.79	74.0	19.21	Peak	281.00	150	Horizontal	Pass
2**	5150.000	44.64	54.0	9.36	AV	281.00	150	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	68.37	74.0	5.63	Peak	167.00	200	Horizontal	Pass
1**	5350.000	49.22	54.0	4.78	AV	167.00	200	Horizontal	Pass
2	5353.667	69.89	74.0	4.11	Peak	157.00	100	Horizontal	Pass
2**	5353.667	47.87	54.0	6.13	AV	157.00	100	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	5052.500	56.60	74.0	17.40	Peak	60.00	100	Horizontal	Pass
1**	5052.500	44.04	54.0	9.96	AV	60.00	100	Horizontal	Pass
2	5150.000	55.20	74.0	18.80	Peak	89.00	150	Horizontal	Pass
2**	5150.000	44.58	54.0	9.42	AV	89.00	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	70.10	74.0	3.90	Peak	155.00	200	Horizontal	Pass
1**	5350.000	50.58	54.0	3.42	AV	155.00	200	Horizontal	Pass
2	5350.183	70.08	74.0	3.92	Peak	159.00	100	Horizontal	Pass
2**	5350.183	50.76	54.0	3.24	AV	159.00	100	Horizontal	Pass
3	5350.183	70.08	74.0	3.92	Peak	159.00	100	Horizontal	Pass
3**	5350.183	50.76	54.0	3.24	AV	159.00	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	5130.500	55.99	74.0	18.01	Peak	20.00	100	Horizontal	Pass
1**	5130.500	45.11	54.0	8.89	AV	20.00	100	Horizontal	Pass
2	5150.000	55.52	74.0	18.48	Peak	214.00	200	Horizontal	Pass
2**	5150.000	44.67	54.0	9.33	AV	214.00	200	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	67.40	74.0	6.60	Peak	144.00	200	Horizontal	Pass
1**	5350.000	49.26	54.0	4.74	AV	144.00	200	Horizontal	Pass
2	5361.183	68.96	74.0	5.04	Peak	161.00	100	Horizontal	Pass
2**	5361.183	46.50	54.0	7.50	AV	161.00	100	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	5126.167	56.58	74.0	17.42	Peak	357.00	200	Horizontal	Pass
1**	5126.167	44.84	54.0	9.16	AV	357.00	200	Horizontal	Pass
2	5150.000	54.66	74.0	19.34	Peak	170.00	200	Horizontal	Pass
2**	5150.000	44.62	54.0	9.38	AV	170.00	200	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	67.98	74.0	6.02	Peak	159.00	200	Horizontal	Pass
1**	5350.000	50.58	54.0	3.42	AV	159.00	200	Horizontal	Pass
2	5351.467	68.65	74.0	5.35	Peak	121.00	150	Horizontal	Pass
2**	5351.467	50.27	54.0	3.73	AV	121.00	150	Horizontal	Pass
3	5350.183	66.54	74.0	7.46	Peak	159.00	100	Horizontal	Pass
3**	5350.183	50.85	54.0	3.15	AV	159.00	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	5127.250	56.60	74.0	17.40	Peak	23.00	100	Horizontal	Pass
1**	5127.250	44.83	54.0	9.17	AV	23.00	100	Horizontal	Pass
2	5150.000	54.86	74.0	19.14	Peak	168.00	100	Horizontal	Pass
2**	5150.000	44.74	54.0	9.26	AV	168.00	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	5350.000	68.80	74.0	5.20	Peak	179.00	200	Horizontal	Pass
1**	5350.000	50.60	54.0	3.40	AV	179.00	200	Horizontal	Pass
2	5355.867	67.31	74.0	6.69	Peak	189.00	100	Horizontal	Pass
2**	5355.867	50.18	54.0	3.82	AV	189.00	100	Horizontal	Pass
3	5354.767	61.85	74.0	12.15	Peak	172.00	100	Horizontal	Pass
3**	5354.767	50.70	54.0	3.30	AV	172.00	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	5458.600	63.80	74.0	10.20	Peak	163.00	150	Horizontal	Pass
1**	5458.600	44.66	54.0	9.34	AV	163.00	150	Horizontal	Pass
2	5460.000	57.13	74.0	16.87	Peak	161.00	100	Horizontal	Pass
2**	5460.000	44.71	54.0	9.29	AV	161.00	100	Horizontal	Pass
3	5468.400	64.73	68.2	3.47	Peak	117.00	200	Horizontal	Pass
3**	5468.400	46.56	--	--	AV	117.00	200	Horizontal	N/A
4	5469.800	63.41	68.2	4.79	Peak	163.00	100	Horizontal	Pass
4**	5469.800	47.51	--	--	AV	163.00	100	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	62.12	68.2	6.08	Peak	140.00	100	Horizontal	Pass
2	5727.500	63.67	68.2	4.53	Peak	164.00	100	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	5452.200	59.39	74.0	14.61	Peak	154.00	150	Horizontal	Pass
1**	5452.200	43.74	54.0	10.26	AV	154.00	150	Horizontal	Pass
2	5460.000	54.27	74.0	19.73	Peak	134.00	150	Horizontal	Pass
2**	5460.000	43.77	54.0	10.23	AV	134.00	150	Horizontal	Pass
3	5469.600	64.65	68.2	3.55	Peak	164.00	200	Horizontal	Pass
3**	5469.600	45.04	--	--	AV	164.00	200	Horizontal	N/A
4	5469.800	63.79	68.2	4.41	Peak	178.00	100	Horizontal	Pass
4**	5469.800	44.72	--	--	AV	178.00	100	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	60.45	68.2	7.75	Peak	110.00	200	Horizontal	Pass
2	5725.416	65.01	68.2	3.19	Peak	145.00	200	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	5457.600	59.80	74.0	14.20	Peak	137.00	150	Horizontal	Pass
1**	5457.600	43.88	54.0	10.12	AV	137.00	150	Horizontal	Pass
2	5460.000	58.10	74.0	15.90	Peak	157.00	200	Horizontal	Pass
2**	5460.000	43.83	54.0	10.17	AV	157.00	200	Horizontal	Pass
3	5469.600	64.47	68.2	3.73	Peak	137.00	100	Horizontal	Pass
3**	5469.600	45.00	--	--	AV	137.00	100	Horizontal	N/A
4	5469.800	64.15	68.2	4.05	Peak	166.00	200	Horizontal	Pass
4**	5469.800	44.74	--	--	AV	166.00	200	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	58.39	68.2	9.81	Peak	176.00	100	Horizontal	Pass
2	5725.834	61.06	68.2	7.14	Peak	132.00	150	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	5458.200	61.12	74.0	12.88	Peak	172.00	150	Horizontal	Pass
1**	5458.200	43.97	54.0	10.03	AV	172.00	150	Horizontal	Pass
2	5460.000	56.06	74.0	17.94	Peak	159.00	150	Horizontal	Pass
2**	5460.000	44.25	54.0	9.75	AV	159.00	150	Horizontal	Pass
3	5469.400	65.03	68.2	3.17	Peak	167.00	200	Horizontal	Pass
3**	5469.400	45.82	--	--	AV	167.00	200	Horizontal	N/A
4	5469.800	63.51	68.2	4.69	Peak	152.00	150	Horizontal	Pass
4**	5469.800	45.74	--	--	AV	152.00	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	62.04	68.2	6.16	Peak	181.00	100	Horizontal	Pass
2	5727.500	63.75	68.2	4.45	Peak	161.00	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	5350.800	57.24	74.0	16.76	Peak	225.00	150	Horizontal	Pass
1**	5350.800	45.29	54.0	8.71	AV	225.00	150	Horizontal	Pass
2	5460.000	54.75	74.0	19.25	Peak	163.00	100	Horizontal	Pass
2**	5460.000	44.05	54.0	9.95	AV	163.00	100	Horizontal	Pass
3	5469.800	64.34	68.2	3.86	Peak	134.00	100	Horizontal	Pass
3**	5469.800	44.53	--	--	AV	134.00	100	Horizontal	N/A
4	5469.800	64.34	68.2	3.86	Peak	134.00	150	Horizontal	Pass
4**	5469.800	44.53	--	--	AV	134.00	150	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	59.77	68.2	8.43	Peak	162.00	200	Horizontal	Pass
2	5731.666	60.49	68.2	7.71	Peak	120.00	200	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	5459.600	64.67	74.0	9.33	Peak	147.00	200	Horizontal	Pass
1**	5459.600	45.94	54.0	8.06	AV	147.00	200	Horizontal	Pass
2	5460.000	60.22	74.0	13.78	Peak	179.00	200	Horizontal	Pass
2**	5460.000	45.74	54.0	8.26	AV	179.00	200	Horizontal	Pass
3	5469.600	64.96	68.2	3.24	Peak	139.00	200	Horizontal	Pass
3**	5469.600	46.95	--	--	AV	139.00	200	Horizontal	N/A
4	5469.800	63.06	68.2	5.14	Peak	179.00	100	Horizontal	Pass
4**	5469.800	47.21	--	--	AV	179.00	100	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	56.75	68.2	11.45	Peak	111.00	150	Horizontal	Pass
2	5797.917	58.16	68.2	10.04	Peak	60.00	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	5633.750	56.65	68.2	11.55	Peak	211.00	150	Horizontal	Pass
2	5650.000	55.35	68.2	12.85	Peak	118.00	200	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	55.37	68.4	13.03	Peak	83.00	150	Horizontal	Pass
2	5998.500	57.59	68.2	10.61	Peak	241.00	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	5628.334	56.42	68.2	11.78	Peak	5.00	150	Horizontal	Pass
2	5650.000	56.40	68.2	11.80	Peak	272.00	200	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	55.64	68.4	12.76	Peak	144.00	150	Horizontal	Pass
2	5930.500	57.57	68.2	10.63	Peak	300.00	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	5648.750	56.57	68.2	11.63	Peak	158.00	100	Horizontal	Pass
2	5650.000	55.09	68.2	13.11	Peak	35.00	200	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	55.68	68.4	12.72	Peak	0.00	100	Horizontal	Pass
2	5945.000	57.79	68.2	10.41	Peak	360.00	150	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	5646.458	56.67	68.2	11.53	Peak	86.00	200	Horizontal	Pass
2	5650.000	55.90	68.2	12.30	Peak	125.00	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	55.71	68.4	12.69	Peak	334.00	100	Horizontal	Pass
2	5994.500	57.52	68.2	10.68	Peak	47.00	200	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	5635.833	56.95	68.2	11.25	Peak	176.00	150	Horizontal	Pass
2	5650.000	55.72	68.2	12.48	Peak	86.00	200	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	56.18	68.4	12.22	Peak	59.00	200	Horizontal	Pass
2	5998.000	57.66	68.2	10.54	Peak	30.00	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	5645.834	56.61	68.2	11.59	Peak	140.00	100	Horizontal	Pass
2	5650.000	55.62	68.2	12.58	Peak	106.00	150	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	55.84	68.4	12.56	Peak	139.00	100	Horizontal	Pass
2	5931.250	57.20	68.2	11.00	Peak	3.00	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	5420.400	56.64	74.0	17.36	Peak	359.00	200	Horizontal	Pass
1**	5420.400	43.22	54.0	10.78	AV	359.00	200	Horizontal	Pass
2	5460.000	54.07	74.0	19.93	Peak	121.00	200	Horizontal	Pass
2**	5460.000	43.85	54.0	10.15	AV	121.00	200	Horizontal	Pass
3	5463.200	55.70	68.2	12.50	Peak	342.00	100	Horizontal	Pass
3**	5463.200	43.99	--	--	AV	342.00	100	Horizontal	N/A
4	5469.800	54.16	68.2	14.04	Peak	256.00	200	Horizontal	Pass
4**	5469.800	43.92	--	--	AV	256.00	200	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	56.21	68.4	12.19	Peak	290.00	200	Horizontal	Pass
2	5936.750	57.27	68.2	10.93	Peak	190.00	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	5350.200	56.69	74.0	17.31	Peak	360.00	150	Horizontal	Pass
1**	5350.200	45.22	54.0	8.78	AV	360.00	150	Horizontal	Pass
2	5460.000	53.96	74.0	20.04	Peak	164.00	200	Horizontal	Pass
2**	5460.000	43.57	54.0	10.43	AV	164.00	200	Horizontal	Pass
3	5464.000	55.03	68.2	13.17	Peak	193.00	150	Horizontal	Pass
3**	5464.000	43.93	--	--	AV	193.00	150	Horizontal	N/A
4	5469.800	53.93	68.2	14.27	Peak	254.00	100	Horizontal	Pass
4**	5469.800	43.59	--	--	AV	254.00	100	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	56.39	68.4	12.01	Peak	336.00	150	Horizontal	Pass
2	5931.000	57.22	68.2	10.98	Peak	339.00	100	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	5359.400	56.96	74.0	17.04	Peak	18.00	100	Horizontal	Pass
1**	5359.400	44.56	54.0	9.44	AV	18.00	100	Horizontal	Pass
2	5460.000	54.72	74.0	19.28	Peak	31.00	150	Horizontal	Pass
2**	5460.000	43.84	54.0	10.16	AV	31.00	150	Horizontal	Pass
3	5465.000	56.09	68.2	12.11	Peak	277.00	200	Horizontal	Pass
3**	5465.000	43.82	--	--	AV	277.00	200	Horizontal	N/A
4	5469.800	54.22	68.2	13.98	Peak	148.00	100	Horizontal	Pass
4**	5469.800	43.82	--	--	AV	148.00	100	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	55.76	68.4	12.64	Peak	62.00	150	Horizontal	Pass
2	5996.750	56.98	68.2	11.22	Peak	332.00	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	5352.800	56.93	74.0	17.07	Peak	296.00	100	Horizontal	Pass
1**	5352.800	45.23	54.0	8.77	AV	296.00	100	Horizontal	Pass
2	5460.000	53.64	74.0	20.36	Peak	360.00	150	Horizontal	Pass
2**	5460.000	43.60	54.0	10.40	AV	360.00	150	Horizontal	Pass
3	5464.600	54.83	68.2	13.37	Peak	360.00	100	Horizontal	Pass
3**	5464.600	43.63	--	--	AV	360.00	100	Horizontal	N/A
4	5469.800	53.88	68.2	14.32	Peak	196.00	200	Horizontal	Pass
4**	5469.800	43.53	--	--	AV	196.00	200	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	56.02	68.4	12.38	Peak	293.00	150	Horizontal	Pass
2	5943.000	58.06	68.2	10.14	Peak	134.00	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	5351.000	56.55	74.0	17.45	Peak	359.00	150	Horizontal	Pass
1**	5351.000	45.06	54.0	8.94	AV	359.00	150	Horizontal	Pass
2	5460.000	54.35	74.0	19.65	Peak	84.00	100	Horizontal	Pass
2**	5460.000	43.68	54.0	10.32	AV	84.00	100	Horizontal	Pass
3	5469.400	55.45	68.2	12.75	Peak	298.00	200	Horizontal	Pass
3**	5469.400	43.71	--	--	AV	298.00	200	Horizontal	N/A
4	5469.800	54.66	68.2	13.54	Peak	142.00	200	Horizontal	Pass
4**	5469.800	43.79	--	--	AV	142.00	200	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	56.01	68.4	12.39	Peak	280.00	200	Horizontal	Pass
2	5993.000	57.85	68.2	10.35	Peak	40.00	200	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	5359.200	56.71	74.0	17.29	Peak	305.00	150	Horizontal	Pass
1**	5359.200	44.85	54.0	9.15	AV	305.00	150	Horizontal	Pass
2	5460.000	53.98	74.0	20.02	Peak	53.00	200	Horizontal	Pass
2**	5460.000	43.50	54.0	10.50	AV	53.00	200	Horizontal	Pass
3	5469.200	54.88	68.2	13.32	Peak	164.00	100	Horizontal	Pass
3**	5469.200	43.42	--	--	AV	164.00	100	Horizontal	N/A
4	5469.800	54.14	68.2	14.06	Peak	322.00	100	Horizontal	Pass
4**	5469.800	43.59	--	--	AV	322.00	100	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	55.38	68.4	13.02	Peak	3.00	100	Horizontal	Pass
2	5954.500	57.49	68.2	10.71	Peak	137.00	150	Horizontal	Pass

## **ANNEX B TEST SETUP PHOTOS**

Please refer the document “BL-SZ2560099-AR-2.PDF”.

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document “BL-SZ2560099-AW.PDF”.

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document “BL-SZ2560099-AI.PDF”.

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--END OF REPORT--