

# TEST REPORT

**Applicant:** E&S International Enterprises, Inc.  
**Address:** 7801 Hayvenhurst Avenue, Van Nuys, California  
91406, United States.  
**Equipment Type:** LAPTOP  
**Model Name:** PC8980C11L (refer section 2.4)  
**Brand Name:** VAIO  
**FCC ID:** 2AYPE-VWFC16INCH  
**Test Standard:** 47 CFR Part 15 Subpart E  
(refer section 3.1)  
**Sample Arrival Date:** Mar. 01, 2023  
**Test Date:** Mar. 07, 2023 - Apr. 01, 2023  
**Date of Issue:** Apr. 03, 2023

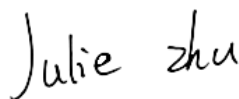
**ISSUED BY:**

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Julie Zhu

**Checked by:** Ye Hongji

**Approved by:** Liao Jianming  
(Technical Director)



<b>Revision History</b>		
Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Apr. 03, 2023</u>	<u>Initial Issue</u>

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# 1 GENERAL INFORMATION

## 1.1 Test Laboratory

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

## 1.2 Test Location

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

## 2 PRODUCT INFORMATION

### 2.1 Applicant Information

Applicant	E&S International Enterprises, Inc.
Address	7801 Hayvenhurst Avenue, Van Nuys, California 91406, United States.

### 2.2 Manufacturer Information

Manufacturer	E&S International Enterprises, Inc.
Address	7801 Hayvenhurst Avenue, Van Nuys, California 91406, United States.

### 2.3 Factory Information

Factory	E&S International Enterprises, Inc.
Address	7801 Hayvenhurst Avenue, Van Nuys, California 91406, United States.

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

EUT Name	LAPTOP
Model Name Under Test	PC8980C11L
Series Model Name	PC898xxxxx (x can be 0-9, A-Z, a-z, dash or blank)
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in model name (this information provided by the customer).
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

## 2.5 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac and 802.11ax U-NII-1/2A/2C/3
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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, OFDMA	
Modulation Type	1024QAM, 256QAM, 64QAM, 16QAM, BPSK, QPSK	
Product Type	Portable	
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 802.11ax up to 1021 Mbps	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz 802.11ax: 20 MHz, 40 MHz, 80 MHz	
Maximum Output Power	U-NII-1: 19.71 dBm U-NII-2A: 19.67 dBm U-NII-2C: 19.63 dBm U-NII-3: 19.45 dBm	
Antenna System (eg., MIMO, Smart Antenna)	Cyclic Delay Diversity (CDD) for 802.11a Multi Input Multi Output (MIMO) for 802.11n/ac/ax	
Categorization as Correlated or Completely Uncorrelated	Categorization as Correlated for 802.11a Categorization as Uncorrelated for 802.11n/ac/ax	
Antenna Type	Main Antenna Aux. Antenna	PIFA Antenna
Antenna Gain	Main Antenna	
	Aux. Antenna	U-NII-1: 5150 MHz to 5250 MHz: -1.72 dBi U-NII-2A: 5250 MHz to 5350 MHz: -0.71 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.51 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.51 dBi
Total	For power	Correlated:

directional gain	spectral density(PSD) measurements	<p>U-NII-1: 5150 MHz to 5250 MHz: 2.93 dBi                      U-NII-2A: 5250 MHz to 5350 MHz: 3.36 dBi                      U-NII-2C: 5470 MHz to 5725 MHz: 4.53 dBi                      U-NII-3: 5725 MHz to 5850 MHz: 4.53 dBi                      Formulas: Directional gain = <math>10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]</math> dBi                      Uncorrelated:                      U-NII-1: 5150 MHz to 5250 MHz: 0.04 dBi                      U-NII-2A: 5250 MHz to 5350 MHz: 0.40 dBi                      U-NII-2C: 5470 MHz to 5725 MHz: 1.52 dBi                      U-NII-3: 5725 MHz to 5850 MHz: 1.52 dBi                      Formulas: Directional gain = <math>10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / NANT]</math> dBi</p>
	For power measurements	<p>Correlated:                      U-NII-1: 5150 MHz to 5250 MHz: 2.93 dBi                      U-NII-2A: 5250 MHz to 5350 MHz: 3.36 dBi                      U-NII-2C: 5470 MHz to 5725 MHz: 4.53 dBi                      U-NII-3: 5725 MHz to 5850 MHz: 4.53 dBi                      Formulas: Directional gain = <math>10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]</math> dBi                      Uncorrelated:                      U-NII-1: 5150 MHz to 5250 MHz: 0.04 dBi                      U-NII-2A: 5250 MHz to 5350 MHz: 0.40 dBi                      U-NII-2C: 5470 MHz to 5725 MHz: 1.52 dBi                      U-NII-3: 5725 MHz to 5850 MHz: 1.52 dBi                      Formulas: Directional gain = <math>10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / NANT]</math> dBi</p>
About the Product		The equipment is LAPTOP, intended for used with information technology equipment.

Mode	Antenna		
	Main Antenna	Aux. Antenna	MIMO
802.11a	√	√	--
802.11n20	√	√	√
802.11n40	√	√	√
802.11ac20	√	√	√
802.11ac40	√	√	√
802.11ac80	√	√	√
802.11ax20	√	√	√
802.11ax40	√	√	√
802.11ax80	√	√	√

Note: All the configurations were tested, but only the worst data was shown in this report.

## 2.6 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)/ax(HE20)

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)/ax(HE40)

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

U-NII-2C (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	142	--	5710
118	Mid	5590	151	Low	5755
134	High	5670	159	High	5795
142	--	5710			

## For 802.11ac(VHT80)/ax(HE80)

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
	11ax(20 MHz)	4		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ax(40 MHz)	8		46/38	62/54	142/134/118/102	159/151/142
	11ax(80 MHz)	17		42	58	138/122/106	155/138
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
	11ax(20 MHz)	4		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ax(40 MHz)	8		46/38	62/54	142/134/118/102	159/151/142
	11ax(80 MHz)	17		42	58	138/122/106	155/138
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
	11ax(20 MHz)	4		N/A	N/A	N/A	165/157/149/144
	11ax(40 MHz)	8		N/A	N/A	N/A	159/151/142
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ax(40 MHz)	8		46/38	62/54	142/134/118/102	159/151/142
	11ax(80 MHz)	17		42	58	138/122/106	155/138

Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
	11ax(20 MHz)	4		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ax(40 MHz)	8		46/38	62/54	142/134/118/102	159/151/142
	11ax(80 MHz)	17		42	58	138/122/106	155/138
Band Edge (Restricted-band)	11a	6	BPSK	48/36	64/52	144/140/100	165/149/144
	11n(20 MHz)	6.5		48/36	64/52	144/140/100	165/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/102	159/151/142
	11ac(20 MHz)	6.5		48/36	64/52	144/140/100	165/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
	11ax(20 MHz)	4		48/36	64/52	144/140/100	165/149/144
	11ax(40 MHz)	8		46/38	62/54	142/134/102	159/151/142
	11ax(80 MHz)	17		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	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
4	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
8	Receiver Spurious Emissions	--	--	N/A <sup>Note2</sup>

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

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

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

## 4 GENERAL TEST CONFIGURATIONS

### 4.1 Test Environments

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

Relative Humidity	46% to 65%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.8°C to +25.4°C
	LT (Low Temperature)	+5°C
	HT (High Temperature)	+35°C
Working Voltage of the EUT	NV (Normal Voltage)	7.7 V
	LV (Low Voltage)	7.4 V
	HV (High Voltage)	8.8 V

### 4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2022.07.26	2023.07.25
Power Sensor	Keysight	U2063XA	MY58000251	2022.07.28	2023.07.27
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2022.12.28	2023.12.27
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2022.09.06	2023.09.05
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2022.06.29	2023.06.28
Test Antenna-Horn (1-18 GHz)	SCHWARZBECK	BBHA 9120D	01631	2022.02.03	2025.02.02
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2021.09.04	2024.09.03
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2022.09.09	2023.09.08
Test Antenna-Bi-Log (30 MHz-1 GHz)	SCHWARZBECK	VULB 9168	00883	2022.04.01	2025.03.31
Test Antenna-Loop (9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7 .35m	N/A	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2022.09.09	2023.09.08
LISN	SCHWARZBECK	NSLK 8127	8127-687	2022.06.01	2023.05.31
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2. 8m	N/A	2022.02.19	2025.02.18
Amplifier (1-12GHz)	COM-MV	LSCX_LNA1- 12G-01	180602	2020.09.08	2023.09.07
Amplifier (7-18GHz)	COM-MV	XKu_LNA7- 18G-01	180601	2020.09.08	2023.09.07
Amplifier	COM-MV	KA_LNA18-	18050001	2020.09.08	2023.09.07

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
(18-40GHz)		40G-01			

### 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	V19.8.28.435	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	0.82°C
Humidity	4.1%

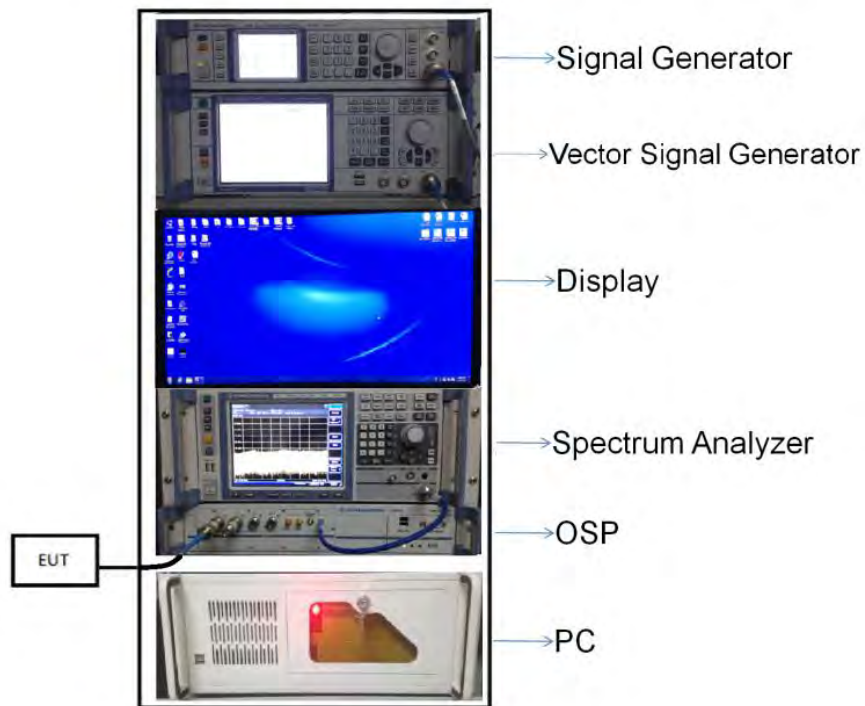
## 4.5 Description of Test Setup

### 4.5.1 For Antenna Port Test

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

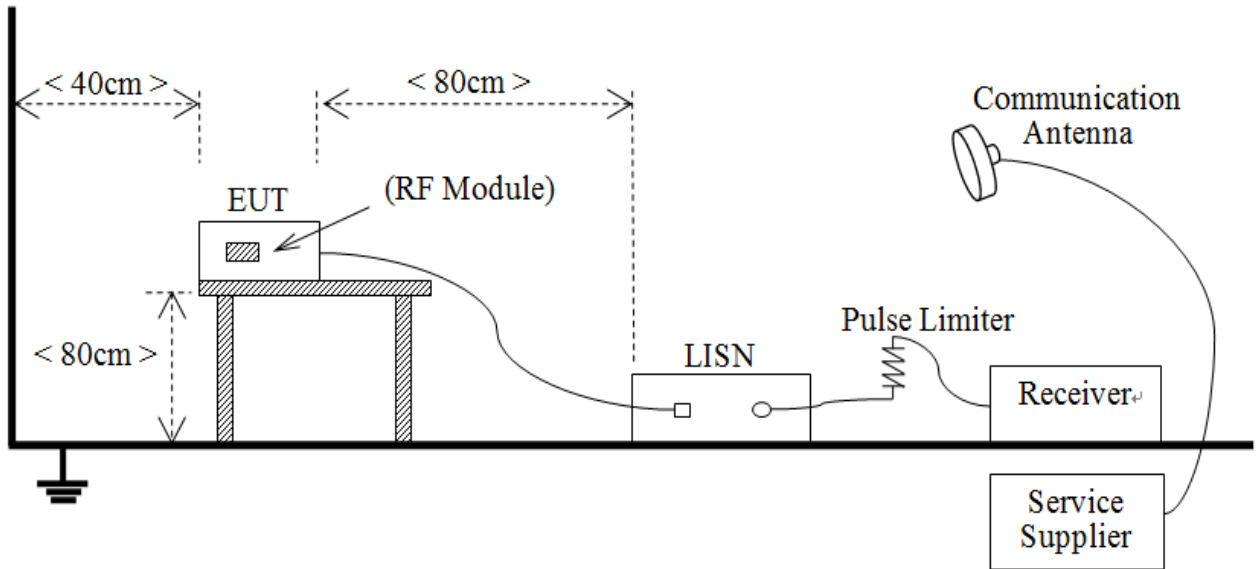
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



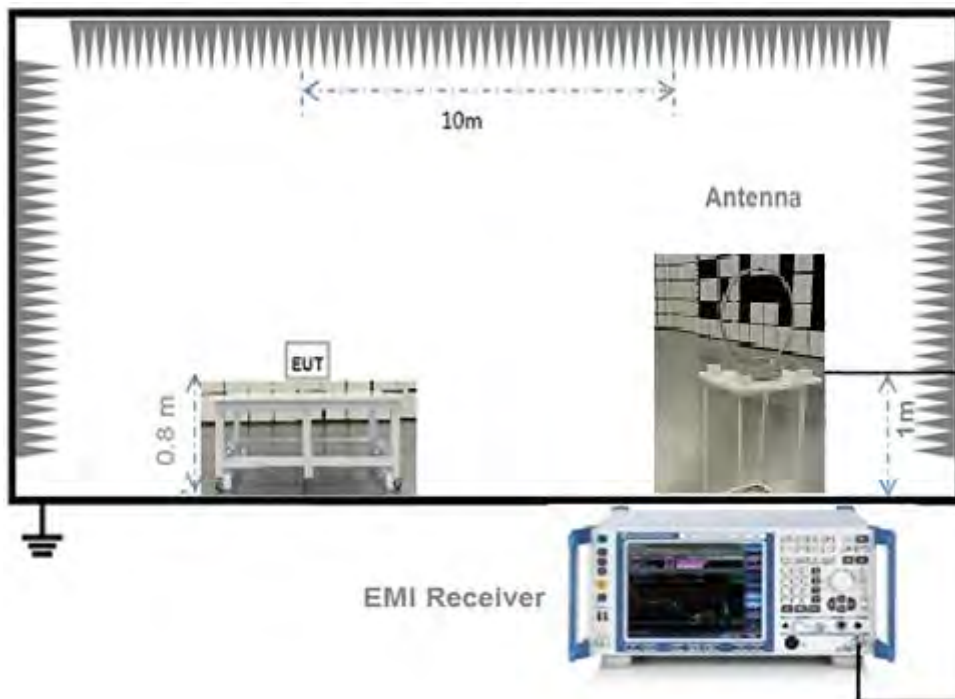
(Diagram 1)

### 4.5.2 For AC Power Supply Port Test



(Diagram 2)

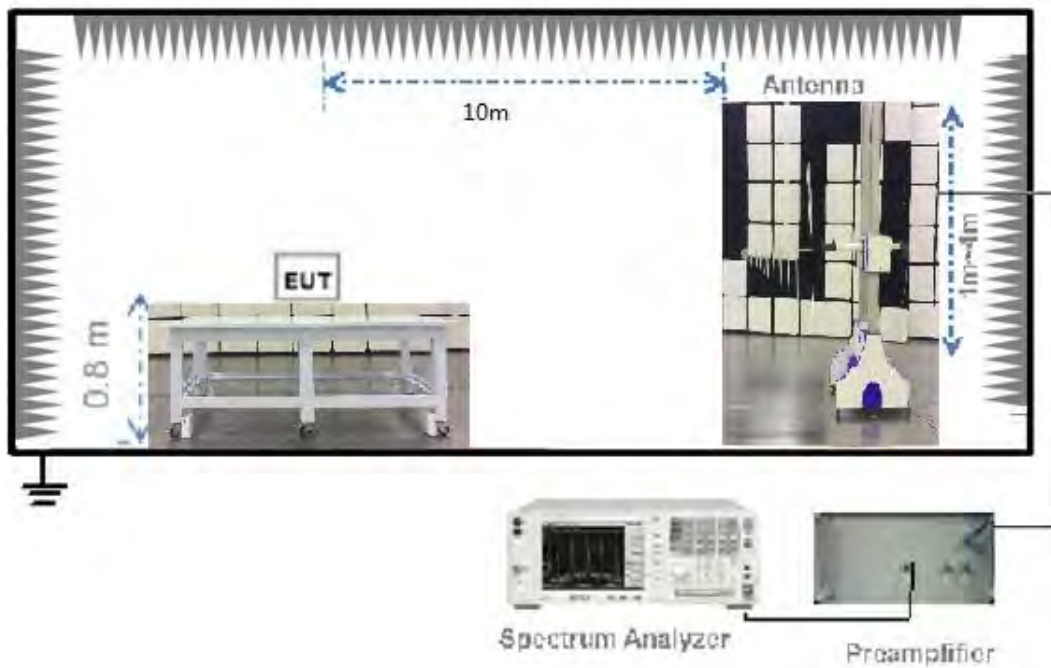
### 4.5.3 For Radiated Test (Below 30 MHz)



(Diagram 3)

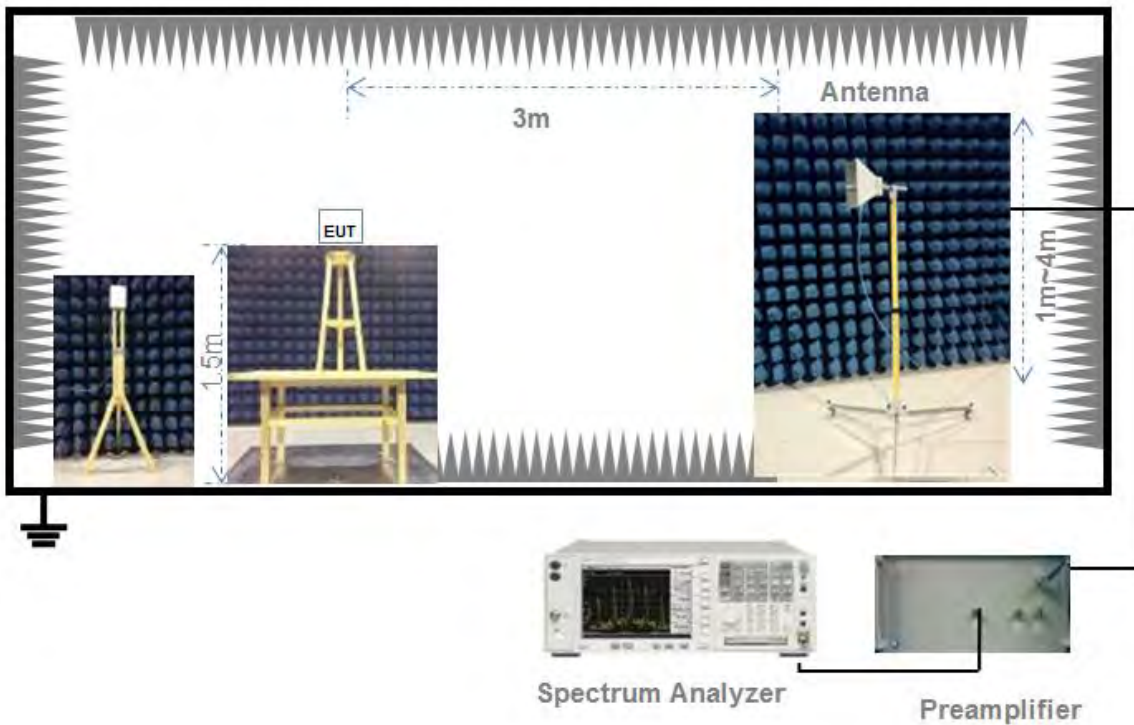


#### 4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

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



(Diagram 5)

## 5 TEST ITEMS

### 5.1 RF Output Power

#### 5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

#### 5.1.2 Test Setup

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

#### 5.1.3 Test Procedure

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

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

#### 5.1.4 Test Result

Please refer to ANNEX A.1.

## 5.2 Emission Bandwidth and 6 dB Bandwidth

### 5.2.1 Limit

#### FCC §15.407(a)

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

### 5.2.2 Test Setup

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

### 5.2.3 Test Procedure

#### Emission bandwidth

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

#### Occupied Bandwidth

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

#### 6 dB bandwidth

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

### 5.2.4 Test Result

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

## 5.3 Power Spectral density (PSD)

### 5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

### 5.3.2 Test Setup

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

### 5.3.3 Test Procedure

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

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

### 5.3.4 Test Result

Please refer to ANNEX A.4.

## 5.4 Conducted Emission

### 5.4.1 Limit

#### FCC §15.207

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

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

### 5.4.2 Test Setup

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

### 5.4.3 Test Procedure

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

### 5.4.4 Test Result

Please refer to ANNEX A.5.

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

### 5.5.1 Limit

FCC §15.209 & 15.407(b)

Frequency (MHz)	Field Strength ( $\mu\text{V}/\text{m}$ )	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.

### 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

- 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).
- 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).
- 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).
- 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 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

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

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

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

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

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle,  $x$ , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW  $\geq 3 \times$  RBW.
- e) Detector = RMS, if  $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$ . Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
  - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
  - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.
- h) Perform a trace average of at least 100 traces.
- i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:
  - 1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is  $10 \log(1/x)$ , where  $x$  is the duty cycle.
  - 2) If linear voltage averaging mode was used in step f), then the applicable correction factor is  $20 \log(1/x)$ , where  $x$  is the duty cycle.
  - 3) If a specific emission is demonstrated to be continuous ( $\geq 98$  percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

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

#### Determining the applicable transmit antenna gain

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

Since the out-of-band characteristics of the EUT transmit antenna will often be unknown, the use of a conservative antenna gain value is necessary. Thus, when determining the EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2 dBi, whichever is greater. However, for devices that operate in multiple frequency bands while using the same transmit antenna, the highest gain of the antenna within the operating band nearest in frequency to the restricted band emission being measured may be used in lieu of the overall highest gain when the emission is at a frequency that



is within 20 percent of the nearest band edge frequency, but in no case shall a value less than 2 dBi be used.

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

#### Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

#### 5.5.4 Test Result

Please refer to ANNEX A.6.

## ANNEX A TEST RESULT

### A.1 RF Output Power

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

Note <sup>2</sup>: All the configurations were tested, but only the worst data was shown in this report.

#### Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	2.09	2.14	97.71%
11n (HT20)/11ac (VHT20)	4.02	4.06	98.89%
11n (HT40)/11ac (VHT40)	3.99	4.04	98.79%
11ac (VHT80)	3.97	4.02	98.78%
11ax (HE20)	4.00	4.05	98.81%
11ax (HE40)	3.99	4.03	98.79%
11ax (HE80)	3.98	4.03	98.78%

Test DataConducted PowerMain Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	19.20	83.19	250	Pass
11a	CH44	19.07	80.74	250	Pass
11a	CH48	19.10	81.30	250	Pass
11n (HT20)	CH36	19.66	92.44	250	Pass
11n (HT20)	CH44	19.50	89.09	250	Pass
11n (HT20)	CH48	19.54	89.92	250	Pass
11n (HT40)	CH38	19.39	86.96	250	Pass
11n (HT40)	CH46	19.06	80.59	250	Pass
11ac (VHT20)	CH36	19.47	88.48	250	Pass
11ac (VHT20)	CH44	19.38	86.66	250	Pass
11ac (VHT20)	CH48	19.38	86.66	250	Pass
11ac (VHT40)	CH38	19.27	84.59	250	Pass
11ac (VHT40)	CH46	19.19	83.04	250	Pass
11ac (VHT80)	CH42	12.99	19.92	250	Pass
11ax (HE20) (SU)	CH36	19.41	87.33	250	Pass
11ax (HE20) (SU)	CH44	19.33	85.74	250	Pass
11ax (HE20) (SU)	CH48	19.30	85.15	250	Pass
11ax (HE40) (SU)	CH38	19.65	92.32	250	Pass
11ax (HE40) (SU)	CH46	19.49	88.98	250	Pass
11ax (HE80) (SU)	CH42	17.67	58.52	250	Pass
11ax (HE20) (RU26)	CH36	13.34	21.58	250	Pass
11ax (HE20) (RU26)	CH44	13.19	20.84	250	Pass
11ax (HE20) (RU26)	CH48	13.53	22.54	250	Pass
11ax (HE40) (RU26)	CH38	13.83	24.15	250	Pass
11ax (HE40) (RU26)	CH46	13.59	22.86	250	Pass
11ax (HE80) (RU26)	CH42	13.50	22.39	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	19.23	83.77	250	Pass
11a	CH60	19.17	82.62	250	Pass
11a	CH64	19.20	83.19	250	Pass
11n (HT20)	CH52	19.13	81.82	250	Pass
11n (HT20)	CH60	19.07	80.69	250	Pass
11n (HT20)	CH64	19.61	91.38	250	Pass
11n (HT40)	CH54	19.45	88.17	250	Pass
11n (HT40)	CH62	18.85	76.79	250	Pass
11ac (VHT20)	CH52	19.15	82.19	250	Pass
11ac (VHT20)	CH60	19.05	80.32	250	Pass
11ac (VHT20)	CH64	19.07	80.69	250	Pass
11ac (VHT40)	CH54	19.43	87.76	250	Pass
11ac (VHT40)	CH62	18.35	68.44	250	Pass
11ac (VHT80)	CH58	17.35	54.37	250	Pass
11ax (HE20) (SU)	CH52	19.47	88.55	250	Pass
11ax (HE20) (SU)	CH60	19.41	87.33	250	Pass
11ax (HE20) (SU)	CH64	19.40	87.13	250	Pass
11ax (HE40) (SU)	CH54	19.67	92.75	250	Pass
11ax (HE40) (SU)	CH62	19.03	80.04	250	Pass
11ax (HE80) (SU)	CH58	17.57	57.19	250	Pass
11ax (HE20) (RU26)	CH52	13.35	21.63	250	Pass
11ax (HE20) (RU26)	CH60	13.30	21.38	250	Pass
11ax (HE20) (RU26)	CH64	13.44	22.08	250	Pass
11ax (HE40) (RU26)	CH54	13.62	23.01	250	Pass
11ax (HE40) (RU26)	CH62	13.72	23.55	250	Pass
11ax (HE80) (RU26)	CH58	13.59	22.86	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	19.34	85.92	250	Pass
11a	CH116	18.98	79.08	250	Pass
11a	CH140	18.97	78.90	250	Pass
11n (HT20)	CH100	19.26	84.30	250	Pass
11n (HT20)	CH116	18.98	79.04	250	Pass
11n (HT20)	CH140	18.82	76.18	250	Pass
11n (HT40)	CH102	19.52	89.60	250	Pass
11n (HT40)	CH118	19.15	82.28	250	Pass
11n (HT40)	CH134	19.10	81.34	250	Pass
11ac (VHT20)	CH100	19.25	84.11	250	Pass
11ac (VHT20)	CH116	18.99	79.22	250	Pass
11ac (VHT20)	CH140	18.85	76.71	250	Pass
11ac (VHT40)	CH102	19.53	89.80	250	Pass
11ac (VHT40)	CH118	19.20	83.23	250	Pass
11ac (VHT40)	CH134	19.07	80.78	250	Pass
11ac (VHT80)	CH106	17.58	57.32	250	Pass
11ac (VHT80)	CH122	16.97	49.81	250	Pass
11ax (HE20) (SU)	CH100	19.63	91.87	250	Pass
11ax (HE20) (SU)	CH116	19.25	84.17	250	Pass
11ax (HE20) (SU)	CH140	18.64	73.14	250	Pass
11ax (HE40) (SU)	CH102	19.21	83.43	250	Pass
11ax (HE40) (SU)	CH118	19.35	86.16	250	Pass
11ax (HE40) (SU)	CH134	18.69	74.01	250	Pass
11ax (HE80) (SU)	CH106	17.24	53.00	250	Pass
11ax (HE80) (SU)	CH122	17.26	53.25	250	Pass
11ax (HE20) (RU26)	CH100	13.57	22.75	250	Pass
11ax (HE20) (RU26)	CH116	13.22	20.99	250	Pass
11ax (HE20) (RU26)	CH140	13.12	20.51	250	Pass
11ax (HE40) (RU26)	CH102	13.90	24.55	250	Pass
11ax (HE40) (RU26)	CH118	13.49	22.34	250	Pass
11ax (HE40) (RU26)	CH134	13.44	22.08	250	Pass
11ax (HE80) (RU26)	CH106	13.86	24.32	250	Pass
11ax (HE80) (RU26)	CH122	13.45	22.13	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	18.69	73.97	1000	Pass
11a	CH157	18.59	72.29	1000	Pass
11a	CH165	19.40	87.11	1000	Pass
11n (HT20)	CH149	19.07	80.69	1000	Pass
11n (HT20)	CH157	18.44	69.80	1000	Pass
11n (HT20)	CH165	19.21	83.34	1000	Pass
11n (HT40)	CH151	18.63	73.00	1000	Pass
11n (HT40)	CH159	18.69	74.01	1000	Pass
11ac (VHT20)	CH149	19.13	81.82	1000	Pass
11ac (VHT20)	CH157	18.48	70.44	1000	Pass
11ac (VHT20)	CH165	19.28	84.69	1000	Pass
11ac (VHT40)	CH151	18.70	74.18	1000	Pass
11ac (VHT40)	CH159	18.80	75.91	1000	Pass
11ac (VHT80)	CH155	16.71	46.92	1000	Pass
11ax (HE20) (SU)	CH149	18.85	76.77	1000	Pass
11ax (HE20) (SU)	CH157	18.82	76.24	1000	Pass
11ax (HE20) (SU)	CH165	19.15	82.26	1000	Pass
11ax (HE40) (SU)	CH151	18.91	77.86	1000	Pass
11ax (HE40) (SU)	CH159	18.92	78.04	1000	Pass
11ax (HE80) (SU)	CH155	16.95	49.58	1000	Pass
11ax (HE20) (RU26)	CH149	16.31	42.76	1000	Pass
11ax (HE20) (RU26)	CH157	16.49	44.57	1000	Pass
11ax (HE20) (RU26)	CH165	16.60	45.71	1000	Pass
11ax (HE40) (RU26)	CH151	16.51	44.77	1000	Pass
11ax (HE40) (RU26)	CH159	16.24	42.07	1000	Pass
11ax (HE80) (RU26)	CH155	14.30	26.92	1000	Pass

U-NII-2C straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	19.12	81.66	213	Pass
11n (HT20)	CH144	18.92	77.98	217	Pass
11n (HT40)	CH142	18.58	72.11	250	Pass
11ac (VHT20)	CH144	18.95	78.52	217	Pass
11ac (VHT40)	CH142	18.61	72.61	250	Pass
11ac (VHT80)	CH138	17.09	51.17	250	Pass
11ax (HE20) (SU)	CH144	18.74	74.85	217	Pass
11ax (HE40) (SU)	CH142	18.78	75.56	250	Pass
11ax (HE80) (SU)	CH138	16.80	47.90	250	Pass
11ax (HE20) (RU26)	CH144	13.22	20.99	217	Pass
11ax (HE40) (RU26)	CH142	13.32	21.48	250	Pass
11ax (HE80) (RU26)	CH138	13.23	21.04	250	Pass

U-NII-3 straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	19.12	81.66	1000	Pass
11n (HT20)	CH144	18.92	77.98	1000	Pass
11n (HT40)	CH142	18.58	72.11	1000	Pass
11ac (VHT20)	CH144	18.95	78.52	1000	Pass
11ac (VHT40)	CH142	18.61	72.61	1000	Pass
11ac (VHT80)	CH138	17.09	51.17	1000	Pass
11ax (HE20) (SU)	CH144	18.74	74.85	1000	Pass
11ax (HE40) (SU)	CH142	18.78	75.56	1000	Pass
11ax (HE80) (SU)	CH138	16.80	47.90	1000	Pass
11ax (HE20) (RU26)	CH144	13.22	20.99	1000	Pass
11ax (HE40) (RU26)	CH142	13.32	21.48	1000	Pass
11ax (HE80) (RU26)	CH138	13.23	21.04	1000	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	19.23	83.77	250	Pass
11a	CH44	19.23	83.77	250	Pass
11a	CH48	19.30	85.13	250	Pass
11n (HT20)	CH36	19.70	93.29	250	Pass
11n (HT20)	CH44	19.16	82.38	250	Pass
11n (HT20)	CH48	19.20	83.15	250	Pass
11n (HT40)	CH38	19.47	88.57	250	Pass
11n (HT40)	CH46	19.41	87.36	250	Pass
11ac (VHT20)	CH36	19.70	93.29	250	Pass
11ac (VHT20)	CH44	19.17	82.57	250	Pass
11ac (VHT20)	CH48	19.19	82.95	250	Pass
11ac (VHT40)	CH38	19.48	88.78	250	Pass
11ac (VHT40)	CH46	19.44	87.96	250	Pass
11ac (VHT80)	CH42	17.57	57.19	250	Pass
11ax (HE20) (SU)	CH36	19.50	89.16	250	Pass
11ax (HE20) (SU)	CH44	19.48	88.75	250	Pass
11ax (HE20) (SU)	CH48	19.48	88.75	250	Pass
11ax (HE40) (SU)	CH38	19.71	93.61	250	Pass
11ax (HE40) (SU)	CH46	19.13	81.90	250	Pass
11ax (HE80) (SU)	CH42	17.41	55.12	250	Pass
11ax (HE20) (RU26)	CH36	13.61	22.96	250	Pass
11ax (HE20) (RU26)	CH44	13.58	22.80	250	Pass
11ax (HE20) (RU26)	CH48	13.40	21.88	250	Pass
11ax (HE40) (RU26)	CH38	13.62	23.01	250	Pass
11ax (HE40) (RU26)	CH46	13.38	21.78	250	Pass
11ax (HE80) (RU26)	CH42	13.34	21.58	250	Pass



U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	19.23	83.77	250	Pass
11a	CH60	19.32	85.52	250	Pass
11a	CH64	19.39	86.91	250	Pass
11n (HT20)	CH52	19.15	82.19	250	Pass
11n (HT20)	CH60	19.19	82.95	250	Pass
11n (HT20)	CH64	19.28	84.69	250	Pass
11n (HT40)	CH54	19.40	87.16	250	Pass
11n (HT40)	CH62	19.50	89.19	250	Pass
11ac (VHT20)	CH52	19.13	81.82	250	Pass
11ac (VHT20)	CH60	19.27	84.50	250	Pass
11ac (VHT20)	CH64	19.26	84.30	250	Pass
11ac (VHT40)	CH54	19.37	86.56	250	Pass
11ac (VHT40)	CH62	19.52	89.60	250	Pass
11ac (VHT80)	CH58	17.57	57.19	250	Pass
11ax (HE20) (SU)	CH52	19.45	88.14	250	Pass
11ax (HE20) (SU)	CH60	19.60	91.24	250	Pass
11ax (HE20) (SU)	CH64	19.61	91.45	250	Pass
11ax (HE40) (SU)	CH54	19.59	91.06	250	Pass
11ax (HE40) (SU)	CH62	18.66	73.50	250	Pass
11ax (HE80) (SU)	CH58	16.80	47.90	250	Pass
11ax (HE20) (RU26)	CH52	13.54	22.59	250	Pass
11ax (HE20) (RU26)	CH60	13.60	22.91	250	Pass
11ax (HE20) (RU26)	CH64	13.21	20.94	250	Pass
11ax (HE40) (RU26)	CH54	13.89	24.49	250	Pass
11ax (HE40) (RU26)	CH62	13.61	22.96	250	Pass
11ax (HE80) (RU26)	CH58	13.78	23.88	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	19.51	89.35	250	Pass
11a	CH116	19.10	81.30	250	Pass
11a	CH140	18.93	78.18	250	Pass
11n (HT20)	CH100	19.41	87.26	250	Pass
11n (HT20)	CH116	19.08	80.88	250	Pass
11n (HT20)	CH140	18.78	75.48	250	Pass
11n (HT40)	CH102	18.59	72.33	250	Pass
11n (HT40)	CH118	19.21	83.43	250	Pass
11n (HT40)	CH134	18.76	75.21	250	Pass
11ac (VHT20)	CH100	19.38	86.66	250	Pass
11ac (VHT20)	CH116	18.97	78.86	250	Pass
11ac (VHT20)	CH140	18.71	74.27	250	Pass
11ac (VHT40)	CH102	18.52	71.17	250	Pass
11ac (VHT40)	CH118	19.13	81.90	250	Pass
11ac (VHT40)	CH134	18.70	74.18	250	Pass
11ac (VHT80)	CH106	17.12	51.56	250	Pass
11ac (VHT80)	CH122	17.03	50.50	250	Pass
11ax (HE20) (SU)	CH100	19.13	81.88	250	Pass
11ax (HE20) (SU)	CH116	19.27	84.56	250	Pass
11ax (HE20) (SU)	CH140	18.44	69.85	250	Pass
11ax (HE40) (SU)	CH102	18.72	74.53	250	Pass
11ax (HE40) (SU)	CH118	18.80	75.91	250	Pass
11ax (HE40) (SU)	CH134	18.78	75.56	250	Pass
11ax (HE80) (SU)	CH106	17.20	52.52	250	Pass
11ax (HE80) (SU)	CH122	16.65	46.27	250	Pass
11ax (HE20) (RU26)	CH100	13.31	21.43	250	Pass
11ax (HE20) (RU26)	CH116	13.14	20.61	250	Pass
11ax (HE20) (RU26)	CH140	13.39	21.83	250	Pass
11ax (HE40) (RU26)	CH102	13.68	23.33	250	Pass
11ax (HE40) (RU26)	CH118	13.32	21.48	250	Pass
11ax (HE40) (RU26)	CH134	13.77	23.82	250	Pass
11ax (HE80) (RU26)	CH106	13.62	23.01	250	Pass
11ax (HE80) (RU26)	CH122	13.41	21.93	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	18.79	75.70	1000	Pass
11a	CH157	18.62	72.79	1000	Pass
11a	CH165	19.05	80.37	1000	Pass
11n (HT20)	CH149	18.73	74.62	1000	Pass
11n (HT20)	CH157	18.51	70.93	1000	Pass
11n (HT20)	CH165	18.90	77.60	1000	Pass
11n (HT40)	CH151	18.90	77.68	1000	Pass
11n (HT40)	CH159	18.93	78.22	1000	Pass
11ac (VHT20)	CH149	18.75	74.96	1000	Pass
11ac (VHT20)	CH157	18.51	70.93	1000	Pass
11ac (VHT20)	CH165	18.93	78.13	1000	Pass
11ac (VHT40)	CH151	18.96	78.76	1000	Pass
11ac (VHT40)	CH159	19.02	79.85	1000	Pass
11ac (VHT80)	CH155	16.54	45.12	1000	Pass
11ax (HE20) (SU)	CH149	18.60	72.47	1000	Pass
11ax (HE20) (SU)	CH157	18.47	70.34	1000	Pass
11ax (HE20) (SU)	CH165	19.36	86.33	1000	Pass
11ax (HE40) (SU)	CH151	18.71	74.35	1000	Pass
11ax (HE40) (SU)	CH159	18.77	75.39	1000	Pass
11ax (HE80) (SU)	CH155	16.67	46.49	1000	Pass
11ax (HE20) (RU26)	CH149	15.97	39.54	1000	Pass
11ax (HE20) (RU26)	CH157	15.85	38.46	1000	Pass
11ax (HE20) (RU26)	CH165	16.62	45.92	1000	Pass
11ax (HE40) (RU26)	CH151	16.03	40.09	1000	Pass
11ax (HE40) (RU26)	CH159	16.17	41.40	1000	Pass
11ax (HE80) (RU26)	CH155	14.00	25.12	1000	Pass

U-NII-2C straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	18.74	74.82	213	Pass
11n (HT20)	CH144	19.13	81.85	214	Pass
11n (HT40)	CH142	18.63	72.95	250	Pass
11ac (VHT20)	CH144	19.13	81.85	217	Pass
11ac (VHT40)	CH142	18.61	72.61	250	Pass
11ac (VHT80)	CH138	16.62	45.92	250	Pass
11ax (HE20) (SU)	CH144	18.92	78.01	218	Pass
11ax (HE40) (SU)	CH142	18.81	76.09	250	Pass
11ax (HE80) (SU)	CH138	16.92	49.24	250	Pass
11ax (HE20) (RU26)	CH144	13.74	23.66	218	Pass
11ax (HE40) (RU26)	CH142	13.87	24.38	250	Pass
11ax (HE80) (RU26)	CH138	13.74	23.66	250	Pass

U-NII-3 straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	18.74	74.82	1000	Pass
11n (HT20)	CH144	19.13	81.85	1000	Pass
11n (HT40)	CH142	18.63	72.95	1000	Pass
11ac (VHT20)	CH144	19.13	81.85	1000	Pass
11ac (VHT40)	CH142	18.61	72.61	1000	Pass
11ac (VHT80)	CH138	16.62	45.92	1000	Pass
11ax (HE20) (SU)	CH144	18.92	78.01	1000	Pass
11ax (HE40) (SU)	CH142	18.81	76.09	1000	Pass
11ax (HE80) (SU)	CH138	16.92	49.24	1000	Pass
11ax (HE20) (RU26)	CH144	13.74	23.66	1000	Pass
11ax (HE40) (RU26)	CH142	13.87	24.38	1000	Pass
11ax (HE80) (RU26)	CH138	13.74	23.66	1000	Pass

MIMO-Main Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH36	16.31	42.74	250	Pass
11n (HT20)	CH44	16.18	41.48	250	Pass
11n (HT20)	CH48	16.18	41.48	250	Pass
11n (HT40)	CH38	16.44	44.09	250	Pass
11n (HT40)	CH46	16.23	42.00	250	Pass
11ac (VHT20)	CH36	16.34	43.04	250	Pass
11ac (VHT20)	CH44	16.15	41.19	250	Pass
11ac (VHT20)	CH48	16.16	41.29	250	Pass
11ac (VHT40)	CH38	16.45	44.19	250	Pass
11ac (VHT40)	CH46	16.21	41.81	250	Pass
11ac (VHT80)	CH42	13.75	23.73	250	Pass
11ax (HE20) (SU)	CH36	16.26	42.28	250	Pass
11ax (HE20) (SU)	CH44	16.08	40.57	250	Pass
11ax (HE20) (SU)	CH48	16.08	40.57	250	Pass
11ax (HE40) (SU)	CH38	16.25	42.20	250	Pass
11ax (HE40) (SU)	CH46	16.57	45.43	250	Pass
11ax (HE80) (SU)	CH42	14.31	27.00	250	Pass
11ax (HE20) (RU26)	CH36	10.71	11.78	250	Pass
11ax (HE20) (RU26)	CH44	10.54	11.32	250	Pass
11ax (HE20) (RU26)	CH48	10.37	10.89	250	Pass
11ax (HE40) (RU26)	CH38	10.63	11.56	250	Pass
11ax (HE40) (RU26)	CH46	10.43	11.04	250	Pass
11ax (HE80) (RU26)	CH42	10.44	11.07	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH52	16.51	44.75	250	Pass
11n (HT20)	CH60	16.46	44.24	250	Pass
11n (HT20)	CH64	16.47	44.34	250	Pass
11n (HT40)	CH54	16.63	46.06	250	Pass
11n (HT40)	CH62	16.57	45.43	250	Pass
11ac (VHT20)	CH52	16.49	44.55	250	Pass
11ac (VHT20)	CH60	16.43	43.94	250	Pass
11ac (VHT20)	CH64	16.51	44.75	250	Pass
11ac (VHT40)	CH54	16.64	46.16	250	Pass
11ac (VHT40)	CH62	16.57	45.43	250	Pass
11ac (VHT80)	CH58	14.60	28.86	250	Pass
11ax (HE20) (SU)	CH52	16.33	42.97	250	Pass
11ax (HE20) (SU)	CH60	16.25	42.19	250	Pass
11ax (HE20) (SU)	CH64	16.27	42.38	250	Pass
11ax (HE40) (SU)	CH54	16.30	42.69	250	Pass
11ax (HE40) (SU)	CH62	16.82	48.12	250	Pass
11ax (HE80) (SU)	CH58	14.87	30.71	250	Pass
11ax (HE20) (RU26)	CH52	10.26	10.62	250	Pass
11ax (HE20) (RU26)	CH60	10.25	10.59	250	Pass
11ax (HE20) (RU26)	CH64	10.35	10.84	250	Pass
11ax (HE40) (RU26)	CH54	10.62	11.53	250	Pass
11ax (HE40) (RU26)	CH62	10.71	11.78	250	Pass
11ax (HE80) (RU26)	CH58	10.50	11.22	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH100	16.69	46.65	250	Pass
11n (HT20)	CH116	16.32	42.84	250	Pass
11n (HT20)	CH140	15.76	37.66	250	Pass
11n (HT40)	CH102	16.75	47.35	250	Pass
11n (HT40)	CH118	16.40	43.68	250	Pass
11n (HT40)	CH134	16.36	43.28	250	Pass
11ac (VHT20)	CH100	16.68	46.54	250	Pass
11ac (VHT20)	CH116	16.30	42.64	250	Pass
11ac (VHT20)	CH140	15.81	38.09	250	Pass
11ac (VHT40)	CH102	16.78	47.68	250	Pass
11ac (VHT40)	CH118	16.33	42.98	250	Pass
11ac (VHT40)	CH134	15.85	38.49	250	Pass
11ac (VHT80)	CH106	14.32	27.06	250	Pass
11ac (VHT80)	CH122	14.31	27.00	250	Pass
11ax (HE20) (SU)	CH100	16.53	45.00	250	Pass
11ax (HE20) (SU)	CH116	16.15	41.23	250	Pass
11ax (HE20) (SU)	CH140	16.19	41.61	250	Pass
11ax (HE40) (SU)	CH102	16.44	44.09	250	Pass
11ax (HE40) (SU)	CH118	16.03	40.12	250	Pass
11ax (HE40) (SU)	CH134	16.06	40.39	250	Pass
11ax (HE80) (SU)	CH106	14.59	28.79	250	Pass
11ax (HE80) (SU)	CH122	14.59	28.79	250	Pass
11ax (HE20) (RU26)	CH100	10.53	11.30	250	Pass
11ax (HE20) (RU26)	CH116	10.18	10.42	250	Pass
11ax (HE20) (RU26)	CH140	10.11	10.26	250	Pass
11ax (HE40) (RU26)	CH102	10.83	12.11	250	Pass
11ax (HE40) (RU26)	CH118	10.36	10.86	250	Pass
11ax (HE40) (RU26)	CH134	10.34	10.81	250	Pass
11ax (HE80) (RU26)	CH106	10.71	11.78	250	Pass
11ax (HE80) (RU26)	CH122	10.32	10.76	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH149	16.01	39.89	1000	Pass
11n (HT20)	CH157	16.08	40.54	1000	Pass
11n (HT20)	CH165	16.29	42.54	1000	Pass
11n (HT40)	CH151	16.05	40.30	1000	Pass
11n (HT40)	CH159	16.19	41.62	1000	Pass
11ac (VHT20)	CH149	16.01	39.89	1000	Pass
11ac (VHT20)	CH157	16.07	40.44	1000	Pass
11ac (VHT20)	CH165	16.24	42.06	1000	Pass
11ac (VHT40)	CH151	16.07	40.49	1000	Pass
11ac (VHT40)	CH159	16.21	41.81	1000	Pass
11ac (VHT80)	CH155	14.09	25.66	1000	Pass
11ax (HE20) (SU)	CH149	16.30	42.68	1000	Pass
11ax (HE20) (SU)	CH157	15.80	38.03	1000	Pass
11ax (HE20) (SU)	CH165	16.64	46.15	1000	Pass
11ax (HE40) (SU)	CH151	16.26	42.30	1000	Pass
11ax (HE40) (SU)	CH159	15.87	38.66	1000	Pass
11ax (HE80) (SU)	CH155	14.38	27.44	1000	Pass
11ax (HE20) (RU26)	CH149	12.84	19.23	1000	Pass
11ax (HE20) (RU26)	CH157	13.48	22.28	1000	Pass
11ax (HE20) (RU26)	CH165	13.60	22.91	1000	Pass
11ax (HE40) (RU26)	CH151	12.93	19.63	1000	Pass
11ax (HE40) (RU26)	CH159	13.24	21.09	1000	Pass
11ax (HE80) (RU26)	CH155	10.80	12.02	1000	Pass



U-NII-2C straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH144	15.91	38.99	217	Pass
11n (HT40)	CH142	15.94	39.26	250	Pass
11ac (VHT20)	CH144	15.90	38.90	217	Pass
11ac (VHT40)	CH142	15.95	39.36	250	Pass
11ac (VHT80)	CH138	13.90	24.55	250	Pass
11ax (HE20) (SU)	CH144	16.23	41.99	217	Pass
11ax (HE40) (SU)	CH142	16.13	41.05	250	Pass
11ax (HE80) (SU)	CH138	14.14	25.96	250	Pass
11ax (HE20) (RU26)	CH144	10.17	10.40	217	Pass
11ax (HE40) (RU26)	CH142	10.28	10.67	250	Pass
11ax (HE80) (RU26)	CH138	10.22	10.52	250	Pass

U-NII-3 straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH144	15.96	39.45	1000	Pass
11n (HT40)	CH142	15.99	39.72	1000	Pass
11ac (VHT20)	CH144	15.95	39.36	1000	Pass
11ac (VHT40)	CH142	16.00	39.81	1000	Pass
11ac (VHT80)	CH138	13.95	24.83	1000	Pass
11ax (HE20) (SU)	CH144	16.23	41.99	1000	Pass
11ax (HE40) (SU)	CH142	16.13	41.05	1000	Pass
11ax (HE80) (SU)	CH138	14.14	25.96	1000	Pass
11ax (HE20) (RU26)	CH144	10.17	10.40	1000	Pass
11ax (HE40) (RU26)	CH142	10.28	10.67	1000	Pass
11ax (HE80) (RU26)	CH138	10.22	10.52	1000	Pass

## MIMO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH36	16.37	43.33	250	Pass
11n (HT20)	CH44	15.85	38.44	250	Pass
11n (HT20)	CH48	15.85	38.44	250	Pass
11n (HT40)	CH38	16.16	41.33	250	Pass
11n (HT40)	CH46	16.14	41.14	250	Pass
11ac (VHT20)	CH36	16.50	44.65	250	Pass
11ac (VHT20)	CH44	15.92	39.07	250	Pass
11ac (VHT20)	CH48	15.93	39.16	250	Pass
11ac (VHT40)	CH38	16.30	42.69	250	Pass
11ac (VHT40)	CH46	16.16	41.33	250	Pass
11ac (VHT80)	CH42	13.96	24.91	250	Pass
11ax (HE20) (SU)	CH36	16.29	42.58	250	Pass
11ax (HE20) (SU)	CH44	16.21	41.80	250	Pass
11ax (HE20) (SU)	CH48	16.25	42.19	250	Pass
11ax (HE40) (SU)	CH38	15.96	39.47	250	Pass
11ax (HE40) (SU)	CH46	15.87	38.66	250	Pass
11ax (HE80) (SU)	CH42	14.16	26.08	250	Pass
11ax (HE20) (RU26)	CH36	10.75	11.89	250	Pass
11ax (HE20) (RU26)	CH44	10.69	11.72	250	Pass
11ax (HE20) (RU26)	CH48	10.31	10.74	250	Pass
11ax (HE40) (RU26)	CH38	10.61	11.51	250	Pass
11ax (HE40) (RU26)	CH46	10.34	10.81	250	Pass
11ax (HE80) (RU26)	CH42	10.28	10.67	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH52	16.36	43.24	250	Pass
11n (HT20)	CH60	16.45	44.14	250	Pass
11n (HT20)	CH64	16.46	44.24	250	Pass
11n (HT40)	CH54	16.13	41.05	250	Pass
11n (HT40)	CH62	16.19	41.62	250	Pass
11ac (VHT20)	CH52	16.33	42.94	250	Pass
11ac (VHT20)	CH60	16.38	43.43	250	Pass
11ac (VHT20)	CH64	16.41	43.74	250	Pass
11ac (VHT40)	CH54	16.10	40.77	250	Pass
11ac (VHT40)	CH62	16.21	41.81	250	Pass
11ac (VHT80)	CH58	14.24	26.57	250	Pass
11ax (HE20) (SU)	CH52	16.14	41.13	250	Pass
11ax (HE20) (SU)	CH60	16.22	41.90	250	Pass
11ax (HE20) (SU)	CH64	16.26	42.28	250	Pass
11ax (HE40) (SU)	CH54	16.34	43.08	250	Pass
11ax (HE40) (SU)	CH62	16.46	44.29	250	Pass
11ax (HE80) (SU)	CH58	14.02	25.25	250	Pass
11ax (HE20) (RU26)	CH52	10.63	11.56	250	Pass
11ax (HE20) (RU26)	CH60	10.69	11.72	250	Pass
11ax (HE20) (RU26)	CH64	10.12	10.28	250	Pass
11ax (HE40) (RU26)	CH54	10.32	10.76	250	Pass
11ax (HE40) (RU26)	CH62	10.40	10.96	250	Pass
11ax (HE80) (RU26)	CH58	10.90	12.30	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH100	16.02	39.98	250	Pass
11n (HT20)	CH116	15.80	38.00	250	Pass
11n (HT20)	CH140	15.56	35.96	250	Pass
11n (HT40)	CH102	16.38	43.48	250	Pass
11n (HT40)	CH118	15.98	39.65	250	Pass
11n (HT40)	CH134	15.53	35.75	250	Pass
11ac (VHT20)	CH100	16.07	40.44	250	Pass
11ac (VHT20)	CH116	15.78	37.83	250	Pass
11ac (VHT20)	CH140	15.53	35.71	250	Pass
11ac (VHT40)	CH102	16.38	43.48	250	Pass
11ac (VHT40)	CH118	15.99	39.75	250	Pass
11ac (VHT40)	CH134	15.53	35.75	250	Pass
11ac (VHT80)	CH106	13.98	25.02	250	Pass
11ac (VHT80)	CH122	13.93	24.74	250	Pass
11ax (HE20) (SU)	CH100	16.41	43.77	250	Pass
11ax (HE20) (SU)	CH116	16.09	40.66	250	Pass
11ax (HE20) (SU)	CH140	15.35	34.29	250	Pass
11ax (HE40) (SU)	CH102	16.13	41.05	250	Pass
11ax (HE40) (SU)	CH118	15.76	37.70	250	Pass
11ax (HE40) (SU)	CH134	15.81	38.13	250	Pass
11ax (HE80) (SU)	CH106	14.23	26.50	250	Pass
11ax (HE80) (SU)	CH122	13.72	23.57	250	Pass
11ax (HE20) (RU26)	CH100	10.28	10.67	250	Pass
11ax (HE20) (RU26)	CH116	10.12	10.28	250	Pass
11ax (HE20) (RU26)	CH140	10.55	11.35	250	Pass
11ax (HE40) (RU26)	CH102	10.52	11.27	250	Pass
11ax (HE40) (RU26)	CH118	10.35	10.84	250	Pass
11ax (HE40) (RU26)	CH134	10.69	11.72	250	Pass
11ax (HE80) (RU26)	CH106	10.82	12.08	250	Pass
11ax (HE80) (RU26)	CH122	10.52	11.27	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH149	15.67	36.88	1000	Pass
11n (HT20)	CH157	15.45	35.06	1000	Pass
11n (HT20)	CH165	15.89	38.80	1000	Pass
11n (HT40)	CH151	15.90	38.93	1000	Pass
11n (HT40)	CH159	15.93	39.20	1000	Pass
11ac (VHT20)	CH149	15.69	37.05	1000	Pass
11ac (VHT20)	CH157	15.47	35.22	1000	Pass
11ac (VHT20)	CH165	15.95	39.34	1000	Pass
11ac (VHT40)	CH151	15.39	34.62	1000	Pass
11ac (VHT40)	CH159	15.93	39.20	1000	Pass
11ac (VHT80)	CH155	13.45	22.15	1000	Pass
11ax (HE20) (SU)	CH149	15.48	35.33	1000	Pass
11ax (HE20) (SU)	CH157	15.80	38.03	1000	Pass
11ax (HE20) (SU)	CH165	16.22	41.90	1000	Pass
11ax (HE40) (SU)	CH151	15.57	36.08	1000	Pass
11ax (HE40) (SU)	CH159	15.59	36.25	1000	Pass
11ax (HE80) (SU)	CH155	13.67	23.30	1000	Pass
11ax (HE20) (RU26)	CH149	13.27	21.23	1000	Pass
11ax (HE20) (RU26)	CH157	13.32	21.48	1000	Pass
11ax (HE20) (RU26)	CH165	13.55	22.65	1000	Pass
11ax (HE40) (RU26)	CH151	13.44	22.08	1000	Pass
11ax (HE40) (RU26)	CH159	13.49	22.34	1000	Pass
11ax (HE80) (RU26)	CH155	11.41	13.84	1000	Pass

U-NII-2C straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH144	16.03	40.09	214	Pass
11n (HT40)	CH142	15.57	36.06	250	Pass
11ac (VHT20)	CH144	16.02	39.99	217	Pass
11ac (VHT40)	CH142	15.53	35.73	250	Pass
11ac (VHT80)	CH138	13.53	22.54	250	Pass
11ax (HE20) (SU)	CH144	15.78	37.86	218	Pass
11ax (HE40) (SU)	CH142	15.82	38.22	250	Pass
11ax (HE80) (SU)	CH138	13.32	21.49	250	Pass
11ax (HE20) (RU26)	CH144	10.40	10.96	218	Pass
11ax (HE40) (RU26)	CH142	10.05	10.12	250	Pass
11ax (HE80) (RU26)	CH138	10.66	11.64	250	Pass

U-NII-3 straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH144	16.03	40.09	1000	Pass
11n (HT40)	CH142	15.57	36.06	1000	Pass
11ac (VHT20)	CH144	16.02	39.99	1000	Pass
11ac (VHT40)	CH142	15.53	35.73	1000	Pass
11ac (VHT80)	CH138	13.53	22.54	1000	Pass
11ax (HE20) (SU)	CH144	15.78	37.86	1000	Pass
11ax (HE40) (SU)	CH142	15.82	38.22	1000	Pass
11ax (HE80) (SU)	CH138	13.32	21.49	1000	Pass
11ax (HE20) (RU26)	CH144	10.40	10.96	1000	Pass
11ax (HE40) (RU26)	CH142	10.05	10.12	1000	Pass
11ax (HE80) (RU26)	CH138	10.66	11.64	1000	Pass

## MIMO

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH36	19.35	86.08	250	Pass
11n (HT20)	CH44	19.03	79.92	250	Pass
11n (HT20)	CH48	19.03	79.92	250	Pass
11n (HT40)	CH38	19.32	85.42	250	Pass
11n (HT40)	CH46	19.20	83.15	250	Pass
11ac (VHT20)	CH36	19.43	87.69	250	Pass
11ac (VHT20)	CH44	19.05	80.26	250	Pass
11ac (VHT20)	CH48	19.06	80.45	250	Pass
11ac (VHT40)	CH38	19.39	86.87	250	Pass
11ac (VHT40)	CH46	19.20	83.14	250	Pass
11ac (VHT80)	CH42	16.87	48.64	250	Pass
11ax (HE20) (SU)	CH36	19.29	84.86	250	Pass
11ax (HE20) (SU)	CH44	19.16	82.37	250	Pass
11ax (HE20) (SU)	CH48	19.18	82.75	250	Pass
11ax (HE40) (SU)	CH38	19.12	81.67	250	Pass
11ax (HE40) (SU)	CH46	19.25	84.09	250	Pass
11ax (HE80) (SU)	CH42	17.25	53.08	250	Pass
11ax (HE20) (RU26)	CH36	13.74	23.66	250	Pass
11ax (HE20) (RU26)	CH44	13.63	23.05	250	Pass
11ax (HE20) (RU26)	CH48	13.35	21.63	250	Pass
11ax (HE40) (RU26)	CH38	13.63	23.07	250	Pass
11ax (HE40) (RU26)	CH46	13.40	21.86	250	Pass
11ax (HE80) (RU26)	CH42	13.37	21.73	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH52	19.44	87.99	250	Pass
11n (HT20)	CH60	19.46	88.38	250	Pass
11n (HT20)	CH64	19.47	88.59	250	Pass
11n (HT40)	CH54	19.40	87.11	250	Pass
11n (HT40)	CH62	19.40	87.04	250	Pass
11ac (VHT20)	CH52	19.42	87.49	250	Pass
11ac (VHT20)	CH60	19.41	87.37	250	Pass
11ac (VHT20)	CH64	19.47	88.49	250	Pass
11ac (VHT40)	CH54	19.39	86.93	250	Pass
11ac (VHT40)	CH62	19.41	87.24	250	Pass
11ac (VHT80)	CH58	17.44	55.43	250	Pass
11ax (HE20) (SU)	CH52	19.25	84.10	250	Pass
11ax (HE20) (SU)	CH60	19.25	84.08	250	Pass
11ax (HE20) (SU)	CH64	19.28	84.67	250	Pass
11ax (HE40) (SU)	CH54	19.33	85.77	250	Pass
11ax (HE40) (SU)	CH62	19.66	92.41	250	Pass
11ax (HE80) (SU)	CH58	17.48	55.97	250	Pass
11ax (HE20) (RU26)	CH52	13.46	22.18	250	Pass
11ax (HE20) (RU26)	CH60	13.49	22.31	250	Pass
11ax (HE20) (RU26)	CH64	13.25	21.12	250	Pass
11ax (HE40) (RU26)	CH54	13.48	22.30	250	Pass
11ax (HE40) (RU26)	CH62	13.57	22.74	250	Pass
11ax (HE80) (RU26)	CH58	13.71	23.52	250	Pass



U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH100	19.38	86.63	250	Pass
11n (HT20)	CH116	19.08	80.84	250	Pass
11n (HT20)	CH140	18.67	73.62	250	Pass
11n (HT40)	CH102	19.58	90.83	250	Pass
11n (HT40)	CH118	19.21	83.34	250	Pass
11n (HT40)	CH134	18.98	79.03	250	Pass
11ac (VHT20)	CH100	19.39	86.98	250	Pass
11ac (VHT20)	CH116	19.06	80.47	250	Pass
11ac (VHT20)	CH140	18.68	73.81	250	Pass
11ac (VHT40)	CH102	19.60	91.16	250	Pass
11ac (VHT40)	CH118	19.18	82.73	250	Pass
11ac (VHT40)	CH134	18.71	74.24	250	Pass
11ac (VHT80)	CH106	17.17	52.08	250	Pass
11ac (VHT80)	CH122	17.14	51.73	250	Pass
11ax (HE20) (SU)	CH100	19.48	88.77	250	Pass
11ax (HE20) (SU)	CH116	19.13	81.89	250	Pass
11ax (HE20) (SU)	CH140	18.80	75.90	250	Pass
11ax (HE40) (SU)	CH102	19.30	85.14	250	Pass
11ax (HE40) (SU)	CH118	18.91	77.81	250	Pass
11ax (HE40) (SU)	CH134	18.95	78.53	250	Pass
11ax (HE80) (SU)	CH106	17.43	55.30	250	Pass
11ax (HE80) (SU)	CH122	17.19	52.36	250	Pass
11ax (HE20) (RU26)	CH100	13.42	21.96	250	Pass
11ax (HE20) (RU26)	CH116	13.16	20.70	250	Pass
11ax (HE20) (RU26)	CH140	13.35	21.61	250	Pass
11ax (HE40) (RU26)	CH102	13.69	23.38	250	Pass
11ax (HE40) (RU26)	CH118	13.37	21.70	250	Pass
11ax (HE40) (RU26)	CH134	13.53	22.54	250	Pass
11ax (HE80) (RU26)	CH106	13.78	23.85	250	Pass
11ax (HE80) (RU26)	CH122	13.43	22.04	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH149	18.85	76.77	1000	Pass
11n (HT20)	CH157	18.79	75.60	1000	Pass
11n (HT20)	CH165	19.10	81.34	1000	Pass
11n (HT40)	CH151	18.99	79.23	1000	Pass
11n (HT40)	CH159	19.08	80.82	1000	Pass
11ac (VHT20)	CH149	18.86	76.94	1000	Pass
11ac (VHT20)	CH157	18.79	75.67	1000	Pass
11ac (VHT20)	CH165	19.11	81.40	1000	Pass
11ac (VHT40)	CH151	18.76	75.10	1000	Pass
11ac (VHT40)	CH159	19.09	81.01	1000	Pass
11ac (VHT80)	CH155	16.80	47.81	1000	Pass
11ax (HE20) (SU)	CH149	18.92	78.01	1000	Pass
11ax (HE20) (SU)	CH157	18.81	76.07	1000	Pass
11ax (HE20) (SU)	CH165	19.45	88.05	1000	Pass
11ax (HE40) (SU)	CH151	18.94	78.38	1000	Pass
11ax (HE40) (SU)	CH159	18.75	74.91	1000	Pass
11ax (HE80) (SU)	CH155	17.05	50.73	1000	Pass
11ax (HE20) (RU26)	CH149	16.07	40.46	1000	Pass
11ax (HE20) (RU26)	CH157	16.41	43.76	1000	Pass
11ax (HE20) (RU26)	CH165	16.59	45.56	1000	Pass
11ax (HE40) (RU26)	CH151	16.20	41.71	1000	Pass
11ax (HE40) (RU26)	CH159	16.38	43.42	1000	Pass
11ax (HE80) (RU26)	CH155	14.13	25.86	1000	Pass

U-NII-2C straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH144	18.98	79.08	214	Pass
11n (HT40)	CH142	18.77	75.32	250	Pass
11ac (VHT20)	CH144	18.97	78.90	217	Pass
11ac (VHT40)	CH142	18.76	75.08	250	Pass
11ac (VHT80)	CH138	16.73	47.09	250	Pass
11ax (HE20) (SU)	CH144	19.02	79.85	217	Pass
11ax (HE40) (SU)	CH142	18.99	79.27	250	Pass
11ax (HE80) (SU)	CH138	16.76	47.45	250	Pass
11ax (HE20) (RU26)	CH144	13.30	21.36	218	Pass
11ax (HE40) (RU26)	CH142	13.18	20.78	250	Pass
11ax (HE80) (RU26)	CH138	13.46	22.16	250	Pass

U-NII-3 straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH144	19.01	79.53	1000	Pass
11n (HT40)	CH142	18.80	75.78	1000	Pass
11ac (VHT20)	CH144	19.00	79.35	1000	Pass
11ac (VHT40)	CH142	18.78	75.54	1000	Pass
11ac (VHT80)	CH138	16.76	47.37	1000	Pass
11ax (HE20) (SU)	CH144	19.02	79.85	1000	Pass
11ax (HE40) (SU)	CH142	18.99	79.27	1000	Pass
11ax (HE80) (SU)	CH138	16.76	47.45	1000	Pass
11ax (HE20) (RU26)	CH144	13.30	21.36	1000	Pass
11ax (HE40) (RU26)	CH142	13.18	20.78	1000	Pass
11ax (HE80) (RU26)	CH138	13.46	22.16	1000	Pass

## A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2330183-604 Data Part 1.pdf".

### Test Data

#### Main Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	23.98	16.70
11a	CH44	23.79	16.70
11a	CH48	23.67	16.72
11n (HT20)	CH36	24.41	17.79
11n (HT20)	CH44	24.31	17.77
11n (HT20)	CH48	24.26	17.77
11n (HT40)	CH38	43.96	36.08
11n (HT40)	CH46	43.71	36.06
11ac (VHT20)	CH36	24.26	17.79
11ac (VHT20)	CH44	24.13	17.77
11ac (VHT20)	CH48	23.89	17.76
11ac (VHT40)	CH38	44.15	36.08
11ac (VHT40)	CH46	43.94	36.08
11ac (VHT80)	CH42	87.70	75.30
11ax (HE20) (SU)	CH36	24.04	18.92
11ax (HE20) (SU)	CH44	24.45	18.92
11ax (HE20) (SU)	CH48	24.06	18.92
11ax (HE40) (SU)	CH38	43.62	37.49
11ax (HE40) (SU)	CH46	42.63	37.48
11ax (HE80) (SU)	CH42	83.27	76.68

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	23.74	16.70
11a	CH60	23.71	16.69
11a	CH64	23.62	16.69
11n (HT20)	CH52	24.12	17.74
11n (HT20)	CH60	24.23	17.75
11n (HT20)	CH64	23.80	17.78
11n (HT40)	CH54	44.14	36.07
11n (HT40)	CH62	43.42	36.06
11ac (VHT20)	CH52	24.29	17.78
11ac (VHT20)	CH60	24.09	17.74
11ac (VHT20)	CH64	23.91	17.75
11ac (VHT40)	CH54	43.67	36.06
11ac (VHT40)	CH62	43.79	36.09
11ac (VHT80)	CH58	86.47	75.22
11ax (HE20) (SU)	CH52	24.39	18.92
11ax (HE20) (SU)	CH60	23.52	18.91
11ax (HE20) (SU)	CH64	23.92	18.91
11ax (HE40) (SU)	CH54	42.63	37.52
11ax (HE40) (SU)	CH62	43.53	37.53
11ax (HE80) (SU)	CH58	84.15	76.62

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	23.76	16.70
11a	CH116	23.84	16.73
11a	CH140	23.98	16.75
11n (HT20)	CH100	23.87	17.77
11n (HT20)	CH116	23.93	17.78
11n (HT20)	CH140	24.61	17.80
11n (HT40)	CH102	43.80	36.11
11n (HT40)	CH118	43.89	36.09
11n (HT40)	CH134	44.29	36.11
11ac (VHT20)	CH100	24.09	17.79
11ac (VHT20)	CH116	24.14	17.78
11ac (VHT20)	CH140	24.32	17.80
11ac (VHT40)	CH102	43.82	36.07
11ac (VHT40)	CH118	44.23	36.09
11ac (VHT40)	CH134	44.04	36.08
11ac (VHT80)	CH106	86.97	75.21
11ac (VHT80)	CH122	89.68	75.20
11ax (HE20) (SU)	CH100	24.14	18.91
11ax (HE20) (SU)	CH116	24.54	18.92
11ax (HE20) (SU)	CH140	24.19	18.92
11ax (HE40) (SU)	CH102	43.40	37.48
11ax (HE40) (SU)	CH118	43.77	37.52
11ax (HE40) (SU)	CH134	43.07	37.48
11ax (HE80) (SU)	CH106	83.26	76.62
11ax (HE80) (SU)	CH122	84.50	76.73

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	23.98	16.74
11a	CH157	23.76	16.72
11a	CH165	23.75	16.73
11n (HT20)	CH149	24.00	17.81
11n (HT20)	CH157	24.31	17.78
11n (HT20)	CH165	24.55	17.78
11n (HT40)	CH151	43.53	36.08
11n (HT40)	CH159	44.18	36.09
11ac (VHT20)	CH149	24.31	17.79
11ac (VHT20)	CH157	24.29	17.77
11ac (VHT20)	CH165	24.49	17.79
11ac (VHT40)	CH151	44.09	36.10
11ac (VHT40)	CH159	43.51	36.11
11ac (VHT80)	CH155	87.02	75.22
11ax (HE20) (SU)	CH149	24.14	18.95
11ax (HE20) (SU)	CH157	23.87	18.93
11ax (HE20) (SU)	CH165	24.14	18.93
11ax (HE40) (SU)	CH151	42.97	37.51
11ax (HE40) (SU)	CH159	43.08	37.52
11ax (HE80) (SU)	CH155	85.00	76.67

U-NII-2C straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	16.90	13.40
11n (HT20)	CH144	17.20	13.90
11n (HT40)	CH142	37.20	33.10
11ac (VHT20)	CH144	17.20	13.90
11ac (VHT40)	CH142	37.30	33.10
11ac (VHT80)	CH138	78.30	72.60
11ax (HE20) (SU)	CH144	17.20	14.50
11ax (HE40) (SU)	CH142	37.20	33.70
11ax (HE80) (SU)	CH138	77.50	73.40

U-NII-3 straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	7.10	3.30
11n (HT20)	CH144	7.50	3.90
11n (HT40)	CH142	7.00	3.00
11ac (VHT20)	CH144	7.20	3.90
11ac (VHT40)	CH142	6.80	3.00
11ac (VHT80)	CH138	9.30	2.60
11ax (HE20) (SU)	CH144	6.70	4.40
11ax (HE40) (SU)	CH142	6.80	3.70
11ax (HE80) (SU)	CH138	6.80	3.30



Aux. Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	23.71	16.69
11a	CH44	23.79	16.68
11a	CH48	23.63	16.70
11n (HT20)	CH36	24.23	17.77
11n (HT20)	CH44	23.93	17.78
11n (HT20)	CH48	24.39	17.76
11n (HT40)	CH38	44.28	36.06
11n (HT40)	CH46	43.91	36.10
11ac (VHT20)	CH36	24.13	17.77
11ac (VHT20)	CH44	24.04	17.78
11ac (VHT20)	CH48	24.25	17.77
11ac (VHT40)	CH38	43.33	36.09
11ac (VHT40)	CH46	43.62	36.11
11ac (VHT80)	CH42	85.61	75.16
11ax (HE20) (SU)	CH36	24.06	18.93
11ax (HE20) (SU)	CH44	24.29	18.93
11ax (HE20) (SU)	CH48	24.46	18.93
11ax (HE40) (SU)	CH38	43.58	37.49
11ax (HE40) (SU)	CH46	43.50	37.50
11ax (HE80) (SU)	CH42	83.03	76.64

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	23.59	16.72
11a	CH60	23.23	16.65
11a	CH64	23.67	16.70
11n (HT20)	CH52	23.88	17.74
11n (HT20)	CH60	23.82	17.75
11n (HT20)	CH64	24.42	17.76
11n (HT40)	CH54	43.80	36.10
11n (HT40)	CH62	43.53	36.06
11ac (VHT20)	CH52	23.95	17.75
11ac (VHT20)	CH60	23.67	17.75
11ac (VHT20)	CH64	23.93	17.75
11ac (VHT40)	CH54	43.09	36.09
11ac (VHT40)	CH62	43.16	36.09
11ac (VHT80)	CH58	87.15	75.21
11ax (HE20) (SU)	CH52	23.89	18.92
11ax (HE20) (SU)	CH60	23.71	18.92
11ax (HE20) (SU)	CH64	23.57	18.90
11ax (HE40) (SU)	CH54	43.89	37.48
11ax (HE40) (SU)	CH62	42.94	37.64
11ax (HE80) (SU)	CH58	83.14	76.67

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	23.68	16.70
11a	CH116	23.81	16.72
11a	CH140	23.63	16.68
11n (HT20)	CH100	24.07	17.77
11n (HT20)	CH116	24.26	17.77
11n (HT20)	CH140	23.80	17.76
11n (HT40)	CH102	43.79	36.09
11n (HT40)	CH118	44.11	36.09
11n (HT40)	CH134	43.48	36.08
11ac (VHT20)	CH100	24.07	17.76
11ac (VHT20)	CH116	24.03	17.78
11ac (VHT20)	CH140	24.45	17.75
11ac (VHT40)	CH102	44.46	36.11
11ac (VHT40)	CH118	43.79	36.08
11ac (VHT40)	CH134	44.11	36.06
11ac (VHT80)	CH106	87.45	75.24
11ac (VHT80)	CH122	87.94	75.20
11ax (HE20) (SU)	CH100	24.11	18.93
11ax (HE20) (SU)	CH116	24.28	18.93
11ax (HE20) (SU)	CH140	24.20	18.90
11ax (HE40) (SU)	CH102	42.46	37.54
11ax (HE40) (SU)	CH118	43.77	37.51
11ax (HE40) (SU)	CH134	42.73	37.51
11ax (HE80) (SU)	CH106	84.28	76.74
11ax (HE80) (SU)	CH122	84.05	76.73

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	24.11	16.73
11a	CH157	23.64	16.71
11a	CH165	23.63	16.72
11n (HT20)	CH149	23.86	17.78
11n (HT20)	CH157	24.39	17.77
11n (HT20)	CH165	23.99	17.77
11n (HT40)	CH151	44.36	36.07
11n (HT40)	CH159	44.24	36.09
11ac (VHT20)	CH149	24.26	17.79
11ac (VHT20)	CH157	23.86	17.77
11ac (VHT20)	CH165	23.86	17.77
11ac (VHT40)	CH151	44.10	36.10
11ac (VHT40)	CH159	44.81	36.11
11ac (VHT80)	CH155	87.33	75.24
11ax (HE20) (SU)	CH149	24.21	18.92
11ax (HE20) (SU)	CH157	23.86	18.93
11ax (HE20) (SU)	CH165	24.53	18.92
11ax (HE40) (SU)	CH151	43.37	37.47
11ax (HE40) (SU)	CH159	43.79	37.51
11ax (HE80) (SU)	CH155	83.83	76.69

U-NII-2C straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	16.90	13.40
11n (HT20)	CH144	17.00	13.90
11n (HT40)	CH142	37.20	33.10
11ac (VHT20)	CH144	17.20	13.90
11ac (VHT40)	CH142	37.20	33.10
11ac (VHT80)	CH138	79.10	72.60
11ax (HE20) (SU)	CH144	17.30	14.50
11ax (HE40) (SU)	CH142	36.30	33.80
11ax (HE80) (SU)	CH138	76.90	73.40

U-NII-3 straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	6.90	3.30
11n (HT20)	CH144	7.00	3.90
11n (HT40)	CH142	7.00	3.00
11ac (VHT20)	CH144	6.80	3.80
11ac (VHT40)	CH142	6.70	3.00
11ac (VHT80)	CH138	8.90	2.60
11ax (HE20) (SU)	CH144	7.00	4.40
11ax (HE40) (SU)	CH142	6.80	3.70
11ax (HE80) (SU)	CH138	6.40	3.40

### A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2330183-604 Data Part 2.pdf".

#### Test Data

##### Main Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.25	500.00	Pass
11a	CH157	15.20	500.00	Pass
11a	CH165	15.20	500.00	Pass
11n (HT20)	CH149	16.05	500.00	Pass
11n (HT20)	CH157	15.20	500.00	Pass
11n (HT20)	CH165	15.25	500.00	Pass
11n (HT40)	CH151	35.15	500.00	Pass
11n (HT40)	CH159	35.15	500.00	Pass
11ac (VHT20)	CH149	15.20	500.00	Pass
11ac (VHT20)	CH157	15.20	500.00	Pass
11ac (VHT20)	CH165	15.20	500.00	Pass
11ac (VHT40)	CH151	35.20	500.00	Pass
11ac (VHT40)	CH159	35.15	500.00	Pass
11ac (VHT80)	CH155	75.15	500.00	Pass
11ax (HE20) (SU)	CH149	15.85	500.00	Pass
11ax (HE20) (SU)	CH157	17.30	500.00	Pass
11ax (HE20) (SU)	CH165	16.10	500.00	Pass
11ax (HE40) (SU)	CH151	35.80	500.00	Pass
11ax (HE40) (SU)	CH159	35.65	500.00	Pass
11ax (HE80) (SU)	CH155	73.90	500.00	Pass

U-NII-3 straddle channel				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH144	11.50	500.00	Pass
11n (HT20)	CH144	11.45	500.00	Pass
11n (HT40)	CH142	25.10	500.00	Pass
11ac (VHT20)	CH144	11.50	500.00	Pass
11ac (VHT40)	CH142	15.10	500.00	Pass
11ac (VHT80)	CH138	35.10	500.00	Pass
11ax (HE20) (SU)	CH144	13.85	500.00	Pass
11ax (HE40) (SU)	CH142	16.25	500.00	Pass
11ax (HE80) (SU)	CH138	35.10	500.00	Pass

Aux. Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.25	500.00	Pass
11a	CH157	15.25	500.00	Pass
11a	CH165	15.25	500.00	Pass
11n (HT20)	CH149	15.20	500.00	Pass
11n (HT20)	CH157	15.45	500.00	Pass
11n (HT20)	CH165	15.55	500.00	Pass
11n (HT40)	CH151	35.15	500.00	Pass
11n (HT40)	CH159	35.15	500.00	Pass
11ac (VHT20)	CH149	15.25	500.00	Pass
11ac (VHT20)	CH157	15.25	500.00	Pass
11ac (VHT20)	CH165	15.15	500.00	Pass
11ac (VHT40)	CH151	35.20	500.00	Pass
11ac (VHT40)	CH159	35.20	500.00	Pass
11ac (VHT80)	CH155	75.10	500.00	Pass
11ax (HE20) (SU)	CH149	16.30	500.00	Pass
11ax (HE20) (SU)	CH157	17.75	500.00	Pass
11ax (HE20) (SU)	CH165	17.65	500.00	Pass
11ax (HE40) (SU)	CH151	36.15	500.00	Pass
11ax (HE40) (SU)	CH159	35.50	500.00	Pass
11ax (HE80) (SU)	CH155	75.15	500.00	Pass

U-NII-3 straddle channel				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH144	12.75	500.00	Pass
11n (HT20)	CH144	13.00	500.00	Pass
11n (HT40)	CH142	22.65	500.00	Pass
11ac (VHT20)	CH144	11.35	500.00	Pass
11ac (VHT40)	CH142	15.10	500.00	Pass
11ac (VHT80)	CH138	33.80	500.00	Pass
11ax (HE20) (SU)	CH144	11.75	500.00	Pass
11ax (HE40) (SU)	CH142	16.05	500.00	Pass
11ax (HE80) (SU)	CH138	35.10	500.00	Pass

## A.4 Power Spectral Density

Note<sup>1</sup>: Test plots please refer to the document "Annex No.: BL-SZ2330183-604 Data Part 3.pdf".

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

### Test Data

#### Main Antenna

(5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	8.25	11.00	Pass
11a	CH44	8.10	11.00	Pass
11a	CH48	8.18	11.00	Pass
11n (HT20)	CH36	8.49	11.00	Pass
11n (HT20)	CH44	8.32	11.00	Pass
11n (HT20)	CH48	8.42	11.00	Pass
11n (HT40)	CH38	4.88	11.00	Pass
11n (HT40)	CH46	4.69	11.00	Pass
11ac (VHT20)	CH36	8.47	11.00	Pass
11ac (VHT20)	CH44	8.32	11.00	Pass
11ac (VHT20)	CH48	8.34	11.00	Pass
11ac (VHT40)	CH38	4.86	11.00	Pass
11ac (VHT40)	CH46	4.71	11.00	Pass
11ac (VHT80)	CH42	-4.63	11.00	Pass
11ax (HE20) (SU)	CH36	8.16	11.00	Pass
11ax (HE20) (SU)	CH44	8.02	11.00	Pass
11ax (HE20) (SU)	CH48	8.08	11.00	Pass
11ax (HE40) (SU)	CH38	4.93	11.00	Pass
11ax (HE40) (SU)	CH46	4.82	11.00	Pass
11ax (HE80) (SU)	CH42	-0.05	11.00	Pass
11ax (HE20) (RU26)	CH36	10.26	11.00	Pass
11ax (HE20) (RU26)	CH44	10.29	11.00	Pass
11ax (HE20) (RU26)	CH48	10.57	11.00	Pass
11ax (HE40) (RU26)	CH38	10.51	11.00	Pass
11ax (HE40) (RU26)	CH46	10.65	11.00	Pass
11ax (HE80) (RU26)	CH42	10.44	11.00	Pass



U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	8.34	11.00	Pass
11a	CH60	8.26	11.00	Pass
11a	CH64	8.31	11.00	Pass
11n (HT20)	CH52	8.11	11.00	Pass
11n (HT20)	CH60	8.03	11.00	Pass
11n (HT20)	CH64	8.62	11.00	Pass
11n (HT40)	CH54	5.00	11.00	Pass
11n (HT40)	CH62	4.33	11.00	Pass
11ac (VHT20)	CH52	8.09	11.00	Pass
11ac (VHT20)	CH60	7.98	11.00	Pass
11ac (VHT20)	CH64	8.03	11.00	Pass
11ac (VHT40)	CH54	5.00	11.00	Pass
11ac (VHT40)	CH62	3.79	11.00	Pass
11ac (VHT80)	CH58	-0.23	11.00	Pass
11ax (HE20) (SU)	CH52	8.25	11.00	Pass
11ax (HE20) (SU)	CH60	8.12	11.00	Pass
11ax (HE20) (SU)	CH64	8.22	11.00	Pass
11ax (HE40) (SU)	CH54	5.02	11.00	Pass
11ax (HE40) (SU)	CH62	4.39	11.00	Pass
11ax (HE80) (SU)	CH58	-0.05	11.00	Pass
11ax (HE20) (RU26)	CH52	10.24	11.00	Pass
11ax (HE20) (RU26)	CH60	10.36	11.00	Pass
11ax (HE20) (RU26)	CH64	10.41	11.00	Pass
11ax (HE40) (RU26)	CH54	10.36	11.00	Pass
11ax (HE40) (RU26)	CH62	10.61	11.00	Pass
11ax (HE80) (RU26)	CH58	10.40	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	8.56	11.00	Pass
11a	CH116	8.21	11.00	Pass
11a	CH140	8.15	11.00	Pass
11n (HT20)	CH100	8.25	11.00	Pass
11n (HT20)	CH116	8.06	11.00	Pass
11n (HT20)	CH140	7.85	11.00	Pass
11n (HT40)	CH102	5.20	11.00	Pass
11n (HT40)	CH118	4.90	11.00	Pass
11n (HT40)	CH134	4.64	11.00	Pass
11ac (VHT20)	CH100	8.39	11.00	Pass
11ac (VHT20)	CH116	8.00	11.00	Pass
11ac (VHT20)	CH140	7.91	11.00	Pass
11ac (VHT40)	CH102	5.21	11.00	Pass
11ac (VHT40)	CH118	4.88	11.00	Pass
11ac (VHT40)	CH134	4.72	11.00	Pass
11ac (VHT80)	CH106	0.21	11.00	Pass
11ac (VHT80)	CH122	-0.40	11.00	Pass
11ax (HE20) (SU)	CH100	8.42	11.00	Pass
11ax (HE20) (SU)	CH116	8.20	11.00	Pass
11ax (HE20) (SU)	CH140	7.48	11.00	Pass
11ax (HE40) (SU)	CH102	4.47	11.00	Pass
11ax (HE40) (SU)	CH118	4.87	11.00	Pass
11ax (HE40) (SU)	CH134	4.14	11.00	Pass
11ax (HE80) (SU)	CH106	-0.27	11.00	Pass
11ax (HE80) (SU)	CH122	-0.23	11.00	Pass
11ax (HE20) (RU26)	CH100	10.77	11.00	Pass
11ax (HE20) (RU26)	CH116	10.39	11.00	Pass
11ax (HE20) (RU26)	CH140	10.29	11.00	Pass
11ax (HE40) (RU26)	CH102	10.78	11.00	Pass
11ax (HE40) (RU26)	CH118	10.59	11.00	Pass
11ax (HE40) (RU26)	CH134	10.25	11.00	Pass
11ax (HE80) (RU26)	CH106	10.84	11.00	Pass
11ax (HE80) (RU26)	CH122	10.32	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	4.94	30.00	Pass
11a	CH157	5.05	30.00	Pass
11a	CH165	5.53	30.00	Pass
11n (HT20)	CH149	5.09	30.00	Pass
11n (HT20)	CH157	4.68	30.00	Pass
11n (HT20)	CH165	5.34	30.00	Pass
11n (HT40)	CH151	1.41	30.00	Pass
11n (HT40)	CH159	1.52	30.00	Pass
11ac (VHT20)	CH149	5.22	30.00	Pass
11ac (VHT20)	CH157	4.70	30.00	Pass
11ac (VHT20)	CH165	5.43	30.00	Pass
11ac (VHT40)	CH151	1.43	30.00	Pass
11ac (VHT40)	CH159	1.68	30.00	Pass
11ac (VHT80)	CH155	-3.64	30.00	Pass
11ax (HE20) (SU)	CH149	4.75	30.00	Pass
11ax (HE20) (SU)	CH157	4.89	30.00	Pass
11ax (HE20) (SU)	CH165	5.04	30.00	Pass
11ax (HE40) (SU)	CH151	1.42	30.00	Pass
11ax (HE40) (SU)	CH159	1.69	30.00	Pass
11ax (HE80) (SU)	CH155	-3.39	30.00	Pass
11ax (HE20) (RU26)	CH149	10.69	30.00	Pass
11ax (HE20) (RU26)	CH157	10.72	30.00	Pass
11ax (HE20) (RU26)	CH165	10.86	30.00	Pass
11ax (HE40) (RU26)	CH151	10.59	30.00	Pass
11ax (HE40) (RU26)	CH159	10.43	30.00	Pass
11ax (HE80) (RU26)	CH155	8.71	30.00	Pass

U-NII-2C straddle channel				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH144	8.12	11.00	Pass
11n (HT20)	CH144	7.87	11.00	Pass
11n (HT40)	CH142	4.26	11.00	Pass
11ac (VHT20)	CH144	7.94	11.00	Pass
11ac (VHT40)	CH142	4.27	11.00	Pass
11ac (VHT80)	CH138	-0.33	11.00	Pass
11ax (HE20) (SU)	CH144	7.54	11.00	Pass
11ax (HE40) (SU)	CH142	4.25	11.00	Pass
11ax (HE80) (SU)	CH138	-0.76	11.00	Pass
11ax (HE20) (RU26)	CH144	10.55	11.00	Pass
11ax (HE40) (RU26)	CH142	10.44	11.00	Pass
11ax (HE80) (RU26)	CH138	10.26	11.00	Pass

U-NII-3 straddle channel				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	5.34	30.00	Pass
11n (HT20)	CH144	5.04	30.00	Pass
11n (HT40)	CH142	1.39	30.00	Pass
11ac (VHT20)	CH144	5.03	30.00	Pass
11ac (VHT40)	CH142	1.40	30.00	Pass
11ac (VHT80)	CH138	-3.31	30.00	Pass
11ax (HE20) (SU)	CH144	4.74	30.00	Pass
11ax (HE40) (SU)	CH142	1.48	30.00	Pass
11ax (HE80) (SU)	CH138	-3.59	30.00	Pass
11ax (HE20) (RU26)	CH144	7.43	30.00	Pass
11ax (HE40) (RU26)	CH142	7.10	30.00	Pass
11ax (HE80) (RU26)	CH138	7.07	30.00	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	8.33	11.00	Pass
11a	CH44	8.33	11.00	Pass
11a	CH48	8.39	11.00	Pass
11n (HT20)	CH36	8.57	11.00	Pass
11n (HT20)	CH44	8.00	11.00	Pass
11n (HT20)	CH48	8.07	11.00	Pass
11n (HT40)	CH38	4.98	11.00	Pass
11n (HT40)	CH46	4.92	11.00	Pass
11ac (VHT20)	CH36	8.58	11.00	Pass
11ac (VHT20)	CH44	8.03	11.00	Pass
11ac (VHT20)	CH48	8.10	11.00	Pass
11ac (VHT40)	CH38	4.95	11.00	Pass
11ac (VHT40)	CH46	4.92	11.00	Pass
11ac (VHT80)	CH42	0.61	11.00	Pass
11ax (HE20) (SU)	CH36	8.17	11.00	Pass
11ax (HE20) (SU)	CH44	8.14	11.00	Pass
11ax (HE20) (SU)	CH48	8.28	11.00	Pass
11ax (HE40) (SU)	CH38	5.02	11.00	Pass
11ax (HE40) (SU)	CH46	4.43	11.00	Pass
11ax (HE80) (SU)	CH42	-0.28	11.00	Pass
11ax (HE20) (RU26)	CH36	10.51	11.00	Pass
11ax (HE20) (RU26)	CH44	10.48	11.00	Pass
11ax (HE20) (RU26)	CH48	10.48	11.00	Pass
11ax (HE40) (RU26)	CH38	10.47	11.00	Pass
11ax (HE40) (RU26)	CH46	10.28	11.00	Pass
11ax (HE80) (RU26)	CH42	10.11	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	8.24	11.00	Pass
11a	CH60	8.36	11.00	Pass
11a	CH64	8.40	11.00	Pass
11n (HT20)	CH52	7.94	11.00	Pass
11n (HT20)	CH60	8.09	11.00	Pass
11n (HT20)	CH64	8.08	11.00	Pass
11n (HT40)	CH54	4.80	11.00	Pass
11n (HT40)	CH62	4.87	11.00	Pass
11ac (VHT20)	CH52	7.98	11.00	Pass
11ac (VHT20)	CH60	8.09	11.00	Pass
11ac (VHT20)	CH64	8.16	11.00	Pass
11ac (VHT40)	CH54	4.82	11.00	Pass
11ac (VHT40)	CH62	4.97	11.00	Pass
11ac (VHT80)	CH58	-0.12	11.00	Pass
11ax (HE20) (SU)	CH52	8.13	11.00	Pass
11ax (HE20) (SU)	CH60	8.26	11.00	Pass
11ax (HE20) (SU)	CH64	8.26	11.00	Pass
11ax (HE40) (SU)	CH54	4.69	11.00	Pass
11ax (HE40) (SU)	CH62	3.90	11.00	Pass
11ax (HE80) (SU)	CH58	-0.98	11.00	Pass
11ax (HE20) (RU26)	CH52	10.40	11.00	Pass
11ax (HE20) (RU26)	CH60	10.49	11.00	Pass
11ax (HE20) (RU26)	CH64	10.25	11.00	Pass
11ax (HE40) (RU26)	CH54	10.65	11.00	Pass
11ax (HE40) (RU26)	CH62	10.44	11.00	Pass
11ax (HE80) (RU26)	CH58	10.60	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	8.61	11.00	Pass
11a	CH116	8.35	11.00	Pass
11a	CH140	7.97	11.00	Pass
11n (HT20)	CH100	8.34	11.00	Pass
11n (HT20)	CH116	8.01	11.00	Pass
11n (HT20)	CH140	7.73	11.00	Pass
11n (HT40)	CH102	4.08	11.00	Pass
11n (HT40)	CH118	4.80	11.00	Pass
11n (HT40)	CH134	4.19	11.00	Pass
11ac (VHT20)	CH100	8.28	11.00	Pass
11ac (VHT20)	CH116	8.03	11.00	Pass
11ac (VHT20)	CH140	7.65	11.00	Pass
11ac (VHT40)	CH102	4.08	11.00	Pass
11ac (VHT40)	CH118	4.71	11.00	Pass
11ac (VHT40)	CH134	4.19	11.00	Pass
11ac (VHT80)	CH106	-0.36	11.00	Pass
11ac (VHT80)	CH122	-0.43	11.00	Pass
11ax (HE20) (SU)	CH100	7.80	11.00	Pass
11ax (HE20) (SU)	CH116	8.19	11.00	Pass
11ax (HE20) (SU)	CH140	7.20	11.00	Pass
11ax (HE40) (SU)	CH102	4.07	11.00	Pass
11ax (HE40) (SU)	CH118	4.26	11.00	Pass
11ax (HE40) (SU)	CH134	4.29	11.00	Pass
11ax (HE80) (SU)	CH106	-0.27	11.00	Pass
11ax (HE80) (SU)	CH122	-0.76	11.00	Pass
11ax (HE20) (RU26)	CH100	10.43	11.00	Pass
11ax (HE20) (RU26)	CH116	10.33	11.00	Pass
11ax (HE20) (RU26)	CH140	10.37	11.00	Pass
11ax (HE40) (RU26)	CH102	10.53	11.00	Pass
11ax (HE40) (RU26)	CH118	10.36	11.00	Pass
11ax (HE40) (RU26)	CH134	10.66	11.00	Pass
11ax (HE80) (RU26)	CH106	10.47	11.00	Pass
11ax (HE80) (RU26)	CH122	10.27	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	5.07	30.00	Pass
11a	CH157	4.93	30.00	Pass
11a	CH165	5.14	30.00	Pass
11n (HT20)	CH149	4.76	30.00	Pass
11n (HT20)	CH157	4.65	30.00	Pass
11n (HT20)	CH165	4.81	30.00	Pass
11n (HT40)	CH151	1.54	30.00	Pass
11n (HT40)	CH159	1.54	30.00	Pass
11ac (VHT20)	CH149	4.76	30.00	Pass
11ac (VHT20)	CH157	4.61	30.00	Pass
11ac (VHT20)	CH165	4.85	30.00	Pass
11ac (VHT40)	CH151	1.68	30.00	Pass
11ac (VHT40)	CH159	1.57	30.00	Pass
11ac (VHT80)	CH155	-3.84	30.00	Pass
11ax (HE20) (SU)	CH149	4.55	30.00	Pass
11ax (HE20) (SU)	CH157	4.40	30.00	Pass
11ax (HE20) (SU)	CH165	5.14	30.00	Pass
11ax (HE40) (SU)	CH151	1.33	30.00	Pass
11ax (HE40) (SU)	CH159	1.23	30.00	Pass
11ax (HE80) (SU)	CH155	-3.62	30.00	Pass
11ax (HE20) (RU26)	CH149	9.97	30.00	Pass
11ax (HE20) (RU26)	CH157	10.24	30.00	Pass
11ax (HE20) (RU26)	CH165	10.72	30.00	Pass
11ax (HE40) (RU26)	CH151	10.01	30.00	Pass
11ax (HE40) (RU26)	CH159	10.19	30.00	Pass
11ax (HE80) (RU26)	CH155	8.25	30.00	Pass



U-NII-2C straddle channel				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH144	7.79	11.00	Pass
11n (HT20)	CH144	8.01	11.00	Pass
11n (HT40)	CH142	4.34	11.00	Pass
11ac (VHT20)	CH144	8.04	11.00	Pass
11ac (VHT40)	CH142	4.35	11.00	Pass
11ac (VHT80)	CH138	-0.85	11.00	Pass
11ax (HE20) (SU)	CH144	7.66	11.00	Pass
11ax (HE40) (SU)	CH142	4.41	11.00	Pass
11ax (HE80) (SU)	CH138	-0.63	11.00	Pass
11ax (HE20) (RU26)	CH144	10.53	11.00	Pass
11ax (HE40) (RU26)	CH142	10.61	11.00	Pass
11ax (HE80) (RU26)	CH138	10.66	11.00	Pass

U-NII-3 straddle channel				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	5.02	30.00	Pass
11n (HT20)	CH144	5.22	30.00	Pass
11n (HT40)	CH142	1.45	30.00	Pass
11ac (VHT20)	CH144	5.20	30.00	Pass
11ac (VHT40)	CH142	1.45	30.00	Pass
11ac (VHT80)	CH138	-3.63	30.00	Pass
11ax (HE20) (SU)	CH144	4.81	30.00	Pass
11ax (HE40) (SU)	CH142	1.49	30.00	Pass
11ax (HE80) (SU)	CH138	-3.56	30.00	Pass
11ax (HE20) (RU26)	CH144	8.41	30.00	Pass
11ax (HE40) (RU26)	CH142	8.37	30.00	Pass
11ax (HE80) (RU26)	CH138	8.50	30.00	Pass

## MIMO-Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH36	5.18	11.00	Pass
11n (HT20)	CH44	5.05	11.00	Pass
11n (HT20)	CH48	5.04	11.00	Pass
11n (HT40)	CH38	1.90	11.00	Pass
11n (HT40)	CH46	1.68	11.00	Pass
11ac (VHT20)	CH36	5.18	11.00	Pass
11ac (VHT20)	CH44	5.01	11.00	Pass
11ac (VHT20)	CH48	5.01	11.00	Pass
11ac (VHT40)	CH38	1.89	11.00	Pass
11ac (VHT40)	CH46	1.64	11.00	Pass
11ac (VHT80)	CH42	-3.84	11.00	Pass
11ax (HE20) (SU)	CH36	4.99	11.00	Pass
11ax (HE20) (SU)	CH44	4.85	11.00	Pass
11ax (HE20) (SU)	CH48	4.78	11.00	Pass
11ax (HE40) (SU)	CH38	1.59	11.00	Pass
11ax (HE40) (SU)	CH46	1.88	11.00	Pass
11ax (HE80) (SU)	CH42	-3.39	11.00	Pass
11ax (HE20) (RU26)	CH36	7.71	11.00	Pass
11ax (HE20) (RU26)	CH44	7.71	11.00	Pass
11ax (HE20) (RU26)	CH48	7.18	11.00	Pass
11ax (HE40) (RU26)	CH38	7.54	11.00	Pass
11ax (HE40) (RU26)	CH46	7.29	11.00	Pass
11ax (HE80) (RU26)	CH42	7.35	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH52	5.34	11.00	Pass
11n (HT20)	CH60	5.29	11.00	Pass
11n (HT20)	CH64	5.37	11.00	Pass
11n (HT40)	CH54	2.08	11.00	Pass
11n (HT40)	CH62	1.96	11.00	Pass
11ac (VHT20)	CH52	5.39	11.00	Pass
11ac (VHT20)	CH60	5.28	11.00	Pass
11ac (VHT20)	CH64	5.37	11.00	Pass
11ac (VHT40)	CH54	2.09	11.00	Pass
11ac (VHT40)	CH62	1.95	11.00	Pass
11ac (VHT80)	CH58	-2.94	11.00	Pass
11ax (HE20) (SU)	CH52	5.00	11.00	Pass
11ax (HE20) (SU)	CH60	4.93	11.00	Pass
11ax (HE20) (SU)	CH64	4.97	11.00	Pass
11ax (HE40) (SU)	CH54	1.57	11.00	Pass
11ax (HE40) (SU)	CH62	2.10	11.00	Pass
11ax (HE80) (SU)	CH58	-2.85	11.00	Pass
11ax (HE20) (RU26)	CH52	7.24	11.00	Pass
11ax (HE20) (RU26)	CH60	7.35	11.00	Pass
11ax (HE20) (RU26)	CH64	7.46	11.00	Pass
11ax (HE40) (RU26)	CH54	7.52	11.00	Pass
11ax (HE40) (RU26)	CH62	7.46	11.00	Pass
11ax (HE80) (RU26)	CH58	7.39	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH100	5.67	11.00	Pass
11n (HT20)	CH116	5.35	11.00	Pass
11n (HT20)	CH140	4.62	11.00	Pass
11n (HT40)	CH102	2.36	11.00	Pass
11n (HT40)	CH118	1.99	11.00	Pass
11n (HT40)	CH134	1.87	11.00	Pass
11ac (VHT20)	CH100	5.61	11.00	Pass
11ac (VHT20)	CH116	5.37	11.00	Pass
11ac (VHT20)	CH140	4.71	11.00	Pass
11ac (VHT40)	CH102	2.34	11.00	Pass
11ac (VHT40)	CH118	2.02	11.00	Pass
11ac (VHT40)	CH134	1.35	11.00	Pass
11ac (VHT80)	CH106	-3.19	11.00	Pass
11ac (VHT80)	CH122	-3.22	11.00	Pass
11ax (HE20) (SU)	CH100	5.30	11.00	Pass
11ax (HE20) (SU)	CH116	5.03	11.00	Pass
11ax (HE20) (SU)	CH140	4.88	11.00	Pass
11ax (HE40) (SU)	CH102	1.86	11.00	Pass
11ax (HE40) (SU)	CH118	1.45	11.00	Pass
11ax (HE40) (SU)	CH134	1.44	11.00	Pass
11ax (HE80) (SU)	CH106	-2.96	11.00	Pass
11ax (HE80) (SU)	CH122	-3.02	11.00	Pass
11ax (HE20) (RU26)	CH100	7.73	11.00	Pass
11ax (HE20) (RU26)	CH116	7.48	11.00	Pass
11ax (HE20) (RU26)	CH140	7.30	11.00	Pass
11ax (HE40) (RU26)	CH102	7.51	11.00	Pass
11ax (HE40) (RU26)	CH118	7.50	11.00	Pass
11ax (HE40) (RU26)	CH134	7.33	11.00	Pass
11ax (HE80) (RU26)	CH106	7.81	11.00	Pass
11ax (HE80) (RU26)	CH122	7.27	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH149	2.16	30.00	Pass
11n (HT20)	CH157	2.15	30.00	Pass
11n (HT20)	CH165	2.34	30.00	Pass
11n (HT40)	CH151	-1.25	30.00	Pass
11n (HT40)	CH159	-1.10	30.00	Pass
11ac (VHT20)	CH149	2.17	30.00	Pass
11ac (VHT20)	CH157	2.09	30.00	Pass
11ac (VHT20)	CH165	2.36	30.00	Pass
11ac (VHT40)	CH151	-1.22	30.00	Pass
11ac (VHT40)	CH159	-1.13	30.00	Pass
11ac (VHT80)	CH155	-6.30	30.00	Pass
11ax (HE20) (SU)	CH149	2.35	30.00	Pass
11ax (HE20) (SU)	CH157	1.66	30.00	Pass
11ax (HE20) (SU)	CH165	2.48	30.00	Pass
11ax (HE40) (SU)	CH151	-1.14	30.00	Pass
11ax (HE40) (SU)	CH159	-1.73	30.00	Pass
11ax (HE80) (SU)	CH155	-6.10	30.00	Pass
11ax (HE20) (RU26)	CH149	7.29	30.00	Pass
11ax (HE20) (RU26)	CH157	7.75	30.00	Pass
11ax (HE20) (RU26)	CH165	7.83	30.00	Pass
11ax (HE40) (RU26)	CH151	7.23	30.00	Pass
11ax (HE40) (RU26)	CH159	7.50	30.00	Pass
11ax (HE80) (RU26)	CH155	5.00	30.00	Pass

U-NII-2C straddle channel				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH144	4.82	11.00	Pass
11n (HT40)	CH142	1.53	11.00	Pass
11ac (VHT20)	CH144	5.00	11.00	Pass
11ac (VHT40)	CH142	1.59	11.00	Pass
11ac (VHT80)	CH138	-3.63	11.00	Pass
11ax (HE20) (SU)	CH144	5.02	11.00	Pass
11ax (HE40) (SU)	CH142	1.49	11.00	Pass
11ax (HE80) (SU)	CH138	-3.57	11.00	Pass
11ax (HE20) (RU26)	CH144	7.34	11.00	Pass
11ax (HE40) (RU26)	CH142	7.40	11.00	Pass
11ax (HE80) (RU26)	CH138	7.43	11.00	Pass

U-NII-3 straddle channel				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH144	1.98	30.00	Pass
11n (HT40)	CH142	-1.35	30.00	Pass
11ac (VHT20)	CH144	2.01	30.00	Pass
11ac (VHT40)	CH142	-1.37	30.00	Pass
11ac (VHT80)	CH138	-6.54	30.00	Pass
11ax (HE20) (SU)	CH144	2.18	30.00	Pass
11ax (HE40) (SU)	CH142	-1.28	30.00	Pass
11ax (HE80) (SU)	CH138	-6.30	30.00	Pass
11ax (HE20) (RU26)	CH144	3.99	30.00	Pass
11ax (HE40) (RU26)	CH142	4.05	30.00	Pass
11ax (HE80) (RU26)	CH138	3.76	30.00	Pass

## MIMO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH36	5.30	11.00	Pass
11n (HT20)	CH44	4.72	11.00	Pass
11n (HT20)	CH48	4.68	11.00	Pass
11n (HT40)	CH38	1.54	11.00	Pass
11n (HT40)	CH46	1.68	11.00	Pass
11ac (VHT20)	CH36	5.42	11.00	Pass
11ac (VHT20)	CH44	4.82	11.00	Pass
11ac (VHT20)	CH48	4.83	11.00	Pass
11ac (VHT40)	CH38	1.73	11.00	Pass
11ac (VHT40)	CH46	1.60	11.00	Pass
11ac (VHT80)	CH42	-3.61	11.00	Pass
11ax (HE20) (SU)	CH36	4.93	11.00	Pass
11ax (HE20) (SU)	CH44	4.91	11.00	Pass
11ax (HE20) (SU)	CH48	4.94	11.00	Pass
11ax (HE40) (SU)	CH38	1.19	11.00	Pass
11ax (HE40) (SU)	CH46	1.18	11.00	Pass
11ax (HE80) (SU)	CH42	-3.46	11.00	Pass
11ax (HE20) (RU26)	CH36	7.78	11.00	Pass
11ax (HE20) (RU26)	CH44	7.76	11.00	Pass
11ax (HE20) (RU26)	CH48	7.37	11.00	Pass
11ax (HE40) (RU26)	CH38	7.31	11.00	Pass
11ax (HE40) (RU26)	CH46	7.33	11.00	Pass
11ax (HE80) (RU26)	CH42	7.27	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH52	5.19	11.00	Pass
11n (HT20)	CH60	5.28	11.00	Pass
11n (HT20)	CH64	5.34	11.00	Pass
11n (HT40)	CH54	1.50	11.00	Pass
11n (HT40)	CH62	1.67	11.00	Pass
11ac (VHT20)	CH52	5.17	11.00	Pass
11ac (VHT20)	CH60	5.21	11.00	Pass
11ac (VHT20)	CH64	5.29	11.00	Pass
11ac (VHT40)	CH54	1.46	11.00	Pass
11ac (VHT40)	CH62	1.60	11.00	Pass
11ac (VHT80)	CH58	-3.39	11.00	Pass
11ax (HE20) (SU)	CH52	4.81	11.00	Pass
11ax (HE20) (SU)	CH60	4.87	11.00	Pass
11ax (HE20) (SU)	CH64	4.91	11.00	Pass
11ax (HE40) (SU)	CH54	1.59	11.00	Pass
11ax (HE40) (SU)	CH62	1.70	11.00	Pass
11ax (HE80) (SU)	CH58	-3.68	11.00	Pass
11ax (HE20) (RU26)	CH52	7.63	11.00	Pass
11ax (HE20) (RU26)	CH60	7.76	11.00	Pass
11ax (HE20) (RU26)	CH64	7.30	11.00	Pass
11ax (HE40) (RU26)	CH54	7.26	11.00	Pass
11ax (HE40) (RU26)	CH62	7.26	11.00	Pass
11ax (HE80) (RU26)	CH58	7.72	11.00	Pass



U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH100	5.00	11.00	Pass
11n (HT20)	CH116	4.78	11.00	Pass
11n (HT20)	CH140	4.46	11.00	Pass
11n (HT40)	CH102	1.94	11.00	Pass
11n (HT40)	CH118	1.59	11.00	Pass
11n (HT40)	CH134	0.97	11.00	Pass
11ac (VHT20)	CH100	5.01	11.00	Pass
11ac (VHT20)	CH116	4.75	11.00	Pass
11ac (VHT20)	CH140	4.51	11.00	Pass
11ac (VHT40)	CH102	1.94	11.00	Pass
11ac (VHT40)	CH118	1.58	11.00	Pass
11ac (VHT40)	CH134	1.01	11.00	Pass
11ac (VHT80)	CH106	-3.54	11.00	Pass
11ac (VHT80)	CH122	-3.48	11.00	Pass
11ax (HE20) (SU)	CH100	5.20	11.00	Pass
11ax (HE20) (SU)	CH116	4.94	11.00	Pass
11ax (HE20) (SU)	CH140	4.12	11.00	Pass
11ax (HE40) (SU)	CH102	1.46	11.00	Pass
11ax (HE40) (SU)	CH118	1.21	11.00	Pass
11ax (HE40) (SU)	CH134	1.17	11.00	Pass
11ax (HE80) (SU)	CH106	-3.33	11.00	Pass
11ax (HE80) (SU)	CH122	-3.83	11.00	Pass
11ax (HE20) (RU26)	CH100	7.36	11.00	Pass
11ax (HE20) (RU26)	CH116	7.27	11.00	Pass
11ax (HE20) (RU26)	CH140	7.39	11.00	Pass
11ax (HE40) (RU26)	CH102	7.61	11.00	Pass
11ax (HE40) (RU26)	CH118	7.52	11.00	Pass
11ax (HE40) (RU26)	CH134	7.50	11.00	Pass
11ax (HE80) (RU26)	CH106	7.78	11.00	Pass
11ax (HE80) (RU26)	CH122	7.64	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH149	1.65	30.00	Pass
11n (HT20)	CH157	1.58	30.00	Pass
11n (HT20)	CH165	1.85	30.00	Pass
11n (HT40)	CH151	-1.47	30.00	Pass
11n (HT40)	CH159	-1.39	30.00	Pass
11ac (VHT20)	CH149	1.71	30.00	Pass
11ac (VHT20)	CH157	1.64	30.00	Pass
11ac (VHT20)	CH165	1.85	30.00	Pass
11ac (VHT40)	CH151	-1.89	30.00	Pass
11ac (VHT40)	CH159	-1.40	30.00	Pass
11ac (VHT80)	CH155	-6.87	30.00	Pass
11ax (HE20) (SU)	CH149	1.24	30.00	Pass
11ax (HE20) (SU)	CH157	1.75	30.00	Pass
11ax (HE20) (SU)	CH165	1.98	30.00	Pass
11ax (HE40) (SU)	CH151	-1.93	30.00	Pass
11ax (HE40) (SU)	CH159	-1.91	30.00	Pass
11ax (HE80) (SU)	CH155	-6.80	30.00	Pass
11ax (HE20) (RU26)	CH149	7.75	30.00	Pass
11ax (HE20) (RU26)	CH157	7.51	30.00	Pass
11ax (HE20) (RU26)	CH165	7.76	30.00	Pass
11ax (HE40) (RU26)	CH151	7.83	30.00	Pass
11ax (HE40) (RU26)	CH159	7.74	30.00	Pass
11ax (HE80) (RU26)	CH155	5.68	30.00	Pass

U-NII-2C straddle channel				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH144	4.84	11.00	Pass
11n (HT40)	CH142	1.14	11.00	Pass
11ac (VHT20)	CH144	4.83	11.00	Pass
11ac (VHT40)	CH142	1.16	11.00	Pass
11ac (VHT80)	CH138	-3.96	11.00	Pass
11ax (HE20) (SU)	CH144	4.49	11.00	Pass
11ax (HE40) (SU)	CH142	1.12	11.00	Pass
11ax (HE80) (SU)	CH138	-4.28	11.00	Pass
11ax (HE20) (RU26)	CH144	7.50	11.00	Pass
11ax (HE40) (RU26)	CH142	7.23	11.00	Pass
11ax (HE80) (RU26)	CH138	7.87	11.00	Pass

U-NII-3 straddle channel				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH144	2.01	30.00	Pass
11n (HT40)	CH142	-1.80	30.00	Pass
11ac (VHT20)	CH144	2.05	30.00	Pass
11ac (VHT40)	CH142	-1.81	30.00	Pass
11ac (VHT80)	CH138	-6.80	30.00	Pass
11ax (HE20) (SU)	CH144	1.53	30.00	Pass
11ax (HE40) (SU)	CH142	-1.71	30.00	Pass
11ax (HE80) (SU)	CH138	-7.18	30.00	Pass
11ax (HE20) (RU26)	CH144	5.54	30.00	Pass
11ax (HE40) (RU26)	CH142	4.41	30.00	Pass
11ax (HE80) (RU26)	CH138	5.02	30.00	Pass

## MIMO

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH36	8.25	11.00	Pass
11n (HT20)	CH44	7.90	11.00	Pass
11n (HT20)	CH48	7.87	11.00	Pass
11n (HT40)	CH38	4.73	11.00	Pass
11n (HT40)	CH46	4.69	11.00	Pass
11ac (VHT20)	CH36	8.31	11.00	Pass
11ac (VHT20)	CH44	7.93	11.00	Pass
11ac (VHT20)	CH48	7.93	11.00	Pass
11ac (VHT40)	CH38	4.82	11.00	Pass
11ac (VHT40)	CH46	4.63	11.00	Pass
11ac (VHT80)	CH42	-0.72	11.00	Pass
11ax (HE20) (SU)	CH36	7.97	11.00	Pass
11ax (HE20) (SU)	CH44	7.89	11.00	Pass
11ax (HE20) (SU)	CH48	7.87	11.00	Pass
11ax (HE40) (SU)	CH38	4.40	11.00	Pass
11ax (HE40) (SU)	CH46	4.55	11.00	Pass
11ax (HE80) (SU)	CH42	-0.42	11.00	Pass
11ax (HE20) (RU26)	CH36	10.76	11.00	Pass
11ax (HE20) (RU26)	CH44	10.74	11.00	Pass
11ax (HE20) (RU26)	CH48	10.29	11.00	Pass
11ax (HE40) (RU26)	CH38	10.44	11.00	Pass
11ax (HE40) (RU26)	CH46	10.32	11.00	Pass
11ax (HE80) (RU26)	CH42	10.32	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH52	8.28	11.00	Pass
11n (HT20)	CH60	8.30	11.00	Pass
11n (HT20)	CH64	8.36	11.00	Pass
11n (HT40)	CH54	4.81	11.00	Pass
11n (HT40)	CH62	4.83	11.00	Pass
11ac (VHT20)	CH52	8.29	11.00	Pass
11ac (VHT20)	CH60	8.26	11.00	Pass
11ac (VHT20)	CH64	8.34	11.00	Pass
11ac (VHT40)	CH54	4.80	11.00	Pass
11ac (VHT40)	CH62	4.79	11.00	Pass
11ac (VHT80)	CH58	-0.15	11.00	Pass
11ax (HE20) (SU)	CH52	7.91	11.00	Pass
11ax (HE20) (SU)	CH60	7.91	11.00	Pass
11ax (HE20) (SU)	CH64	7.95	11.00	Pass
11ax (HE40) (SU)	CH54	4.59	11.00	Pass
11ax (HE40) (SU)	CH62	4.92	11.00	Pass
11ax (HE80) (SU)	CH58	-0.24	11.00	Pass
11ax (HE20) (RU26)	CH52	10.45	11.00	Pass
11ax (HE20) (RU26)	CH60	10.57	11.00	Pass
11ax (HE20) (RU26)	CH64	10.39	11.00	Pass
11ax (HE40) (RU26)	CH54	10.40	11.00	Pass
11ax (HE40) (RU26)	CH62	10.37	11.00	Pass
11ax (HE80) (RU26)	CH58	10.56	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH100	8.36	11.00	Pass
11n (HT20)	CH116	8.09	11.00	Pass
11n (HT20)	CH140	7.55	11.00	Pass
11n (HT40)	CH102	5.17	11.00	Pass
11n (HT40)	CH118	4.81	11.00	Pass
11n (HT40)	CH134	4.45	11.00	Pass
11ac (VHT20)	CH100	8.33	11.00	Pass
11ac (VHT20)	CH116	8.08	11.00	Pass
11ac (VHT20)	CH140	7.62	11.00	Pass
11ac (VHT40)	CH102	5.15	11.00	Pass
11ac (VHT40)	CH118	4.82	11.00	Pass
11ac (VHT40)	CH134	4.20	11.00	Pass
11ac (VHT80)	CH106	-0.35	11.00	Pass
11ac (VHT80)	CH122	-0.34	11.00	Pass
11ax (HE20) (SU)	CH100	8.26	11.00	Pass
11ax (HE20) (SU)	CH116	7.99	11.00	Pass
11ax (HE20) (SU)	CH140	7.52	11.00	Pass
11ax (HE40) (SU)	CH102	4.68	11.00	Pass
11ax (HE40) (SU)	CH118	4.34	11.00	Pass
11ax (HE40) (SU)	CH134	4.32	11.00	Pass
11ax (HE80) (SU)	CH106	-0.13	11.00	Pass
11ax (HE80) (SU)	CH122	-0.39	11.00	Pass
11ax (HE20) (RU26)	CH100	10.56	11.00	Pass
11ax (HE20) (RU26)	CH116	10.39	11.00	Pass
11ax (HE20) (RU26)	CH140	10.36	11.00	Pass
11ax (HE40) (RU26)	CH102	10.57	11.00	Pass
11ax (HE40) (RU26)	CH118	10.52	11.00	Pass
11ax (HE40) (RU26)	CH134	10.43	11.00	Pass
11ax (HE80) (RU26)	CH106	10.80	11.00	Pass
11ax (HE80) (RU26)	CH122	10.47	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH149	4.92	30.00	Pass
11n (HT20)	CH157	4.89	30.00	Pass
11n (HT20)	CH165	5.11	30.00	Pass
11n (HT40)	CH151	1.65	30.00	Pass
11n (HT40)	CH159	1.77	30.00	Pass
11ac (VHT20)	CH149	4.96	30.00	Pass
11ac (VHT20)	CH157	4.88	30.00	Pass
11ac (VHT20)	CH165	5.12	30.00	Pass
11ac (VHT40)	CH151	1.47	30.00	Pass
11ac (VHT40)	CH159	1.75	30.00	Pass
11ac (VHT80)	CH155	-3.57	30.00	Pass
11ax (HE20) (SU)	CH149	4.84	30.00	Pass
11ax (HE20) (SU)	CH157	4.72	30.00	Pass
11ax (HE20) (SU)	CH165	5.25	30.00	Pass
11ax (HE40) (SU)	CH151	1.49	30.00	Pass
11ax (HE40) (SU)	CH159	1.19	30.00	Pass
11ax (HE80) (SU)	CH155	-3.42	30.00	Pass
11ax (HE20) (RU26)	CH149	10.54	30.00	Pass
11ax (HE20) (RU26)	CH157	10.64	30.00	Pass
11ax (HE20) (RU26)	CH165	10.80	30.00	Pass
11ax (HE40) (RU26)	CH151	10.55	30.00	Pass
11ax (HE40) (RU26)	CH159	10.63	30.00	Pass
11ax (HE80) (RU26)	CH155	8.36	30.00	Pass

U-NII-2C straddle channel				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH144	7.84	11.00	Pass
11n (HT40)	CH142	4.35	11.00	Pass
11ac (VHT20)	CH144	7.93	11.00	Pass
11ac (VHT40)	CH142	4.39	11.00	Pass
11ac (VHT80)	CH138	-0.78	11.00	Pass
11ax (HE20) (SU)	CH144	7.77	11.00	Pass
11ax (HE40) (SU)	CH142	4.32	11.00	Pass
11ax (HE80) (SU)	CH138	-0.90	11.00	Pass
11ax (HE20) (RU26)	CH144	10.43	11.00	Pass
11ax (HE40) (RU26)	CH142	10.32	11.00	Pass
11ax (HE80) (RU26)	CH138	10.67	11.00	Pass

U-NII-3 straddle channel				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH144	5.01	30.00	Pass
11n (HT40)	CH142	1.44	30.00	Pass
11ac (VHT20)	CH144	5.04	30.00	Pass
11ac (VHT40)	CH142	1.43	30.00	Pass
11ac (VHT80)	CH138	-3.66	30.00	Pass
11ax (HE20) (SU)	CH144	4.88	30.00	Pass
11ax (HE40) (SU)	CH142	1.52	30.00	Pass
11ax (HE80) (SU)	CH138	-3.71	30.00	Pass
11ax (HE20) (RU26)	CH144	7.48	30.00	Pass
11ax (HE40) (RU26)	CH142	7.25	30.00	Pass
11ax (HE80) (RU26)	CH138	7.44	30.00	Pass



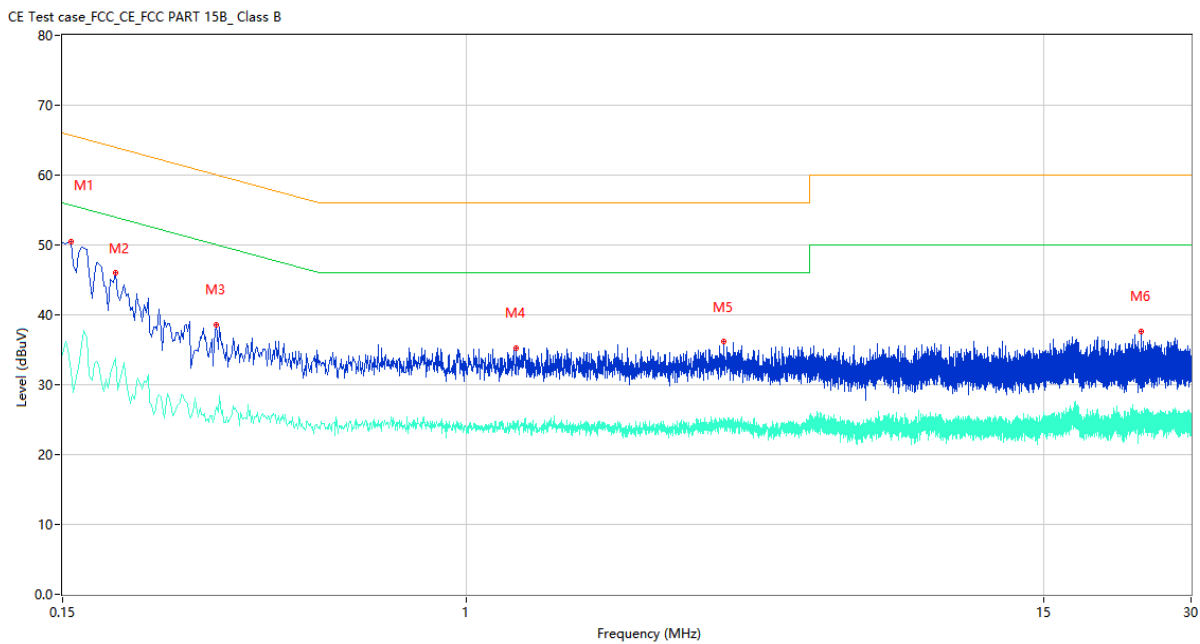
## A.5 Conducted Emissions

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

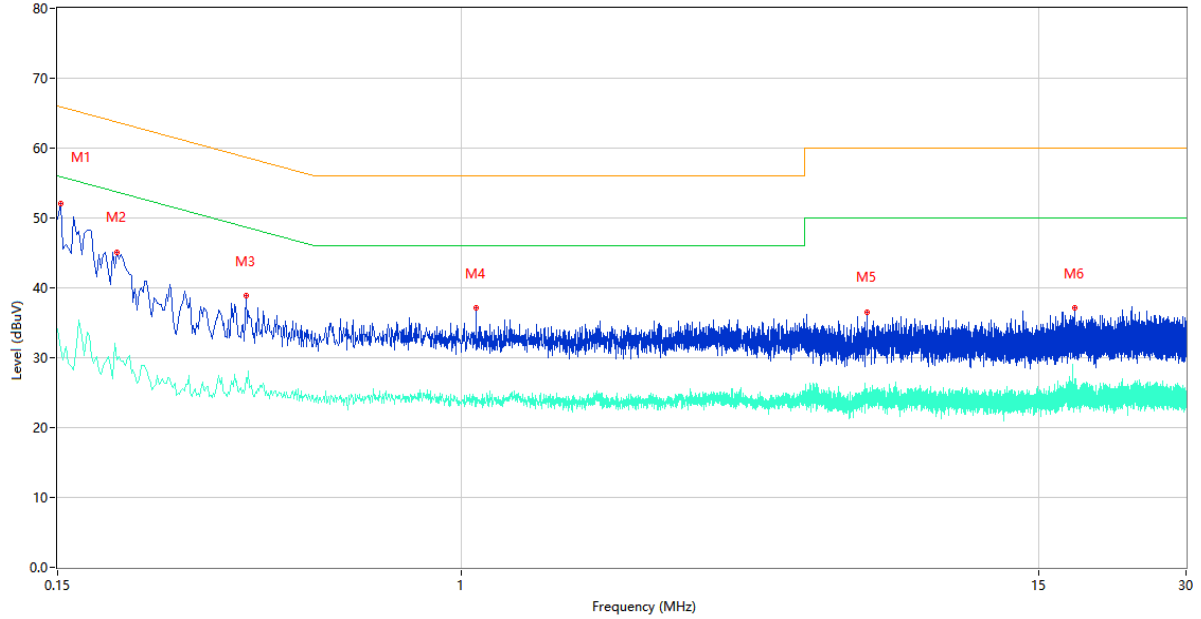
#### PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	50.45	10.09	65.67	15.22	Peak	L	Pass
1**	0.156	31.83	10.09	55.67	23.84	AV	L	Pass
2	0.192	45.96	10.06	63.95	17.99	Peak	L	Pass
2**	0.192	33.76	10.06	53.95	20.19	AV	L	Pass
3	0.308	38.64	10.14	60.02	21.38	Peak	L	Pass
3**	0.308	26.80	10.14	50.02	23.22	AV	L	Pass
4	1.264	35.31	10.57	56.00	20.69	Peak	L	Pass
4**	1.264	24.48	10.57	46.00	21.52	AV	L	Pass
5	3.348	36.11	10.50	56.00	19.89	Peak	L	Pass
5**	3.348	24.67	10.50	46.00	21.33	AV	L	Pass
6	23.710	37.64	10.68	60.00	22.36	Peak	L	Pass
6**	23.710	24.25	10.68	50.00	25.75	AV	L	Pass

PHASE N

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



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	52.09	10.09	65.89	13.80	Peak	N	Pass
1**	0.152	31.33	10.09	55.89	24.56	AV	N	Pass
2	0.198	45.11	10.06	63.69	18.58	Peak	N	Pass
2**	0.198	29.65	10.06	53.69	24.04	AV	N	Pass
3	0.364	38.81	10.91	58.64	19.83	Peak	N	Pass
3**	0.364	27.09	10.91	48.64	21.55	AV	N	Pass
4	1.070	37.14	10.21	56.00	18.86	Peak	N	Pass
4**	1.070	24.36	10.21	46.00	21.64	AV	N	Pass
5	6.706	36.53	10.35	60.00	23.47	Peak	N	Pass
5**	6.706	23.55	10.35	50.00	26.45	AV	N	Pass
6	17.764	37.10	10.22	60.00	22.90	Peak	N	Pass
6**	17.764	26.64	10.22	50.00	23.36	AV	N	Pass

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

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

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

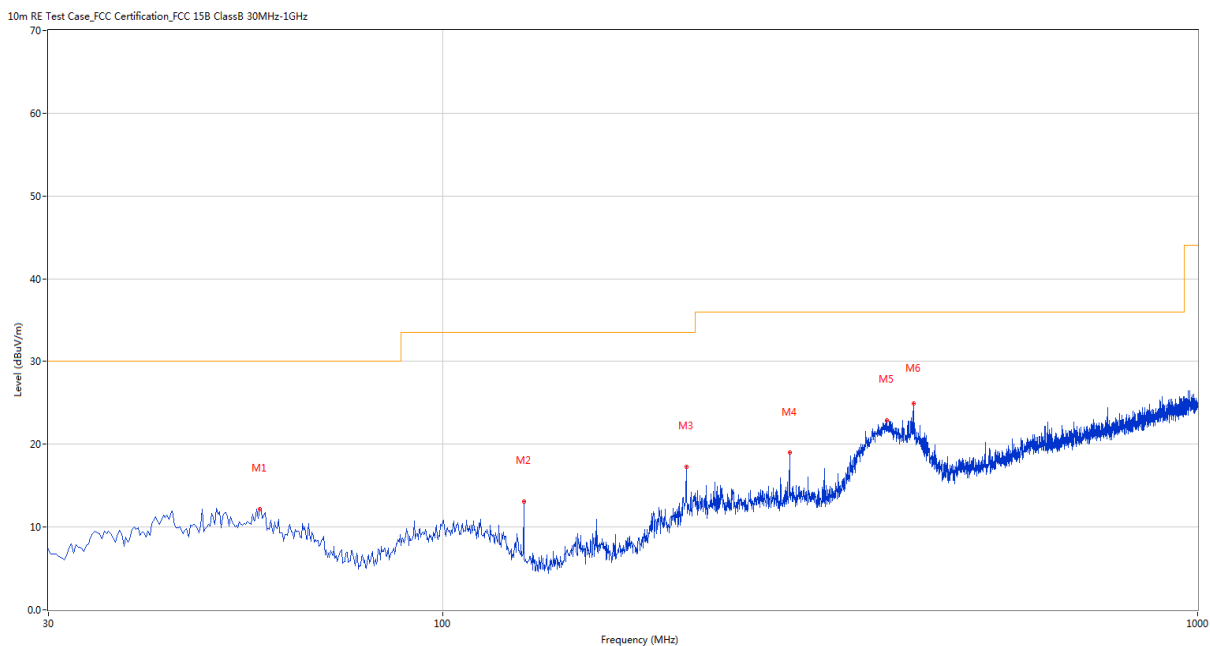
Note<sup>3</sup>: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

Note<sup>5</sup>: For Multiple transmitter output, the quantity  $10 \log(NANT)$  dB is added to each spectrum value before comparing to the emission limit. When testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding  $10 \log(NANT)$  if the measurements are made relative to the in-band emissions on the individual outputs.

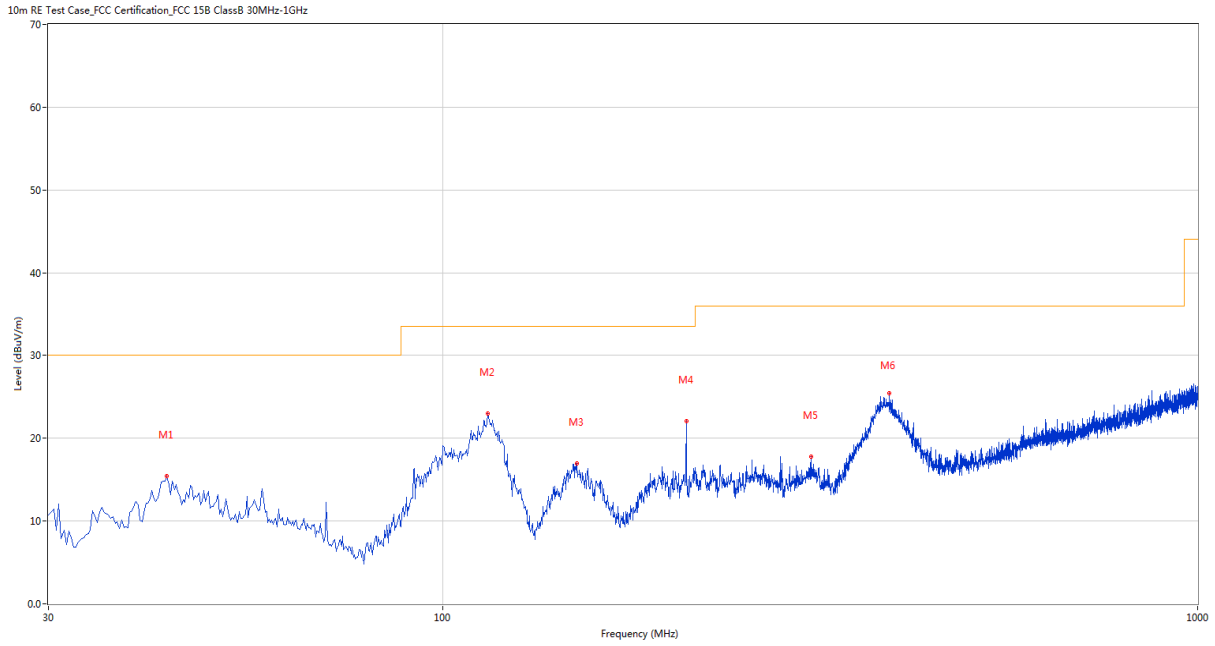
### Test Data and Plots

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	57.153	12.15	-27.13	30.0	17.85	Peak	295.00	100	Horizontal	Pass
2	127.946	13.06	-31.06	33.5	20.44	Peak	44.00	100	Horizontal	Pass
3	210.132	17.28	-28.04	33.5	16.22	Peak	270.00	200	Horizontal	Pass
4	287.956	18.96	-25.19	36.0	17.04	Peak	255.00	200	Horizontal	Pass
5	387.356	22.90	-22.82	36.0	13.10	Peak	183.00	200	Horizontal	Pass
6	420.327	24.95	-22.01	36.0	11.05	Peak	267.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	43.092	15.43	-26.21	30.0	14.57	Peak	205.00	100	Vertical	Pass
2	114.611	23.03	-28.59	33.5	10.47	Peak	242.00	100	Vertical	Pass
3	150.492	16.92	-31.40	33.5	16.58	Peak	267.00	100	Vertical	Pass
4	210.132	22.11	-28.04	33.5	11.39	Peak	183.00	100	Vertical	Pass
5	307.593	17.76	-24.79	36.0	18.24	Peak	353.00	100	Vertical	Pass
6	390.022	25.40	-22.78	36.0	10.60	Peak	353.00	100	Vertical	Pass

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

### Main Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.400	40.96	-19.83	74.0	33.04	Peak	151.00	400	Horizontal	Pass
1**	1533.400	29.67	-19.83	54.0	24.33	AV	151.00	400	Horizontal	Pass
2	2805.400	43.92	-11.89	74.0	30.08	Peak	143.00	200	Horizontal	Pass
2**	2805.400	34.12	-11.89	54.0	19.88	AV	143.00	200	Horizontal	Pass
3	4352.500	47.81	-6.53	74.0	26.19	Peak	93.00	150	Horizontal	Pass
3**	4352.500	37.62	-6.53	54.0	16.38	AV	93.00	150	Horizontal	Pass
4	5184.000	107.27	-4.16	--	--	Peak	93.00	100	Horizontal	N/A
4**	5184.000	100.16	-4.16	--	--	AV	93.00	100	Horizontal	N/A
5	7368.250	53.17	-0.91	74.0	20.83	Peak	74.00	100	Horizontal	Pass
5**	7368.250	44.53	-0.91	54.0	9.47	AV	74.00	100	Horizontal	Pass
6	12431.988	52.83	0.68	74.0	21.17	Peak	360.00	100	Horizontal	Pass
6**	12431.988	44.01	0.68	54.0	9.99	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.200	41.19	-19.35	74.0	32.81	Peak	280.00	100	Vertical	Pass
1**	1538.200	31.50	-19.35	54.0	22.50	AV	280.00	100	Vertical	Pass
2	2784.500	43.61	-10.26	74.0	30.39	Peak	119.00	200	Vertical	Pass
2**	2784.500	34.60	-10.26	54.0	19.40	AV	119.00	200	Vertical	Pass
3	3993.500	52.85	-7.46	74.0	21.15	Peak	265.00	200	Vertical	Pass
3**	3993.500	40.04	-7.46	54.0	13.96	AV	265.00	200	Vertical	Pass
4	5182.000	106.03	-4.28	--	--	Peak	112.00	400	Vertical	N/A
4**	5182.000	97.89	-4.28	--	--	AV	112.00	400	Vertical	N/A
5	5990.500	60.10	-5.16	68.2	8.10	Peak	0.00	150	Vertical	Pass
5**	5990.500	47.03	-5.16	--	--	AV	0.00	150	Vertical	N/A
6	12401.588	53.02	0.33	74.0	20.98	Peak	310.00	400	Vertical	Pass
6**	12401.588	43.09	0.33	54.0	10.91	AV	310.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.300	41.12	-19.32	74.0	32.88	Peak	140.00	300	Horizontal	Pass
1**	1528.300	30.63	-19.32	54.0	23.37	AV	140.00	300	Horizontal	Pass
2	2782.900	44.20	-9.58	74.0	29.80	Peak	78.00	100	Horizontal	Pass
2**	2782.900	35.13	-9.58	54.0	18.87	AV	78.00	100	Horizontal	Pass
3	3993.250	47.74	-7.62	74.0	26.26	Peak	225.00	200	Horizontal	Pass
3**	3993.250	36.03	-7.62	54.0	17.97	AV	225.00	200	Horizontal	Pass
4	5215.000	106.83	-4.59	--	--	Peak	91.00	300	Horizontal	N/A
4**	5215.000	99.65	-4.59	--	--	AV	91.00	300	Horizontal	N/A
5	7589.000	53.74	-0.48	74.0	20.26	Peak	358.00	200	Horizontal	Pass
5**	7589.000	43.66	-0.48	54.0	10.34	AV	358.00	200	Horizontal	Pass
6	12515.826	52.78	0.86	74.0	21.22	Peak	360.00	400	Horizontal	Pass
6**	12515.826	43.02	0.86	54.0	10.98	AV	360.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.400	41.68	-19.49	74.0	32.32	Peak	157.00	400	Vertical	Pass
1**	1531.400	29.69	-19.49	54.0	24.31	AV	157.00	400	Vertical	Pass
2	2777.500	43.60	-10.10	74.0	30.40	Peak	353.00	100	Vertical	Pass
2**	2777.500	34.76	-10.10	54.0	19.24	AV	353.00	100	Vertical	Pass
3	3993.750	55.54	-7.47	74.0	18.46	Peak	245.00	200	Vertical	Pass
3**	3993.750	44.20	-7.47	54.0	9.80	AV	245.00	200	Vertical	Pass
4	5216.250	106.26	-4.66	--	--	Peak	110.00	400	Vertical	N/A
4**	5216.250	98.89	-4.66	--	--	AV	110.00	400	Vertical	N/A
5	5990.750	59.61	-4.93	68.2	8.59	Peak	189.00	150	Vertical	Pass
5**	5990.750	41.89	-4.93	--	--	AV	189.00	150	Vertical	N/A
6	12304.687	52.72	0.66	74.0	21.28	Peak	210.00	100	Vertical	Pass
6**	12304.687	43.76	0.66	54.0	10.24	AV	210.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.100	41.10	-19.51	74.0	32.90	Peak	156.00	200	Horizontal	Pass
1**	1541.100	32.50	-19.51	54.0	21.50	AV	156.00	200	Horizontal	Pass
2	2783.200	44.15	-9.54	74.0	29.85	Peak	147.00	300	Horizontal	Pass
2**	2783.200	35.77	-9.54	54.0	18.23	AV	147.00	300	Horizontal	Pass
3	3993.500	48.31	-7.46	74.0	25.69	Peak	166.00	200	Horizontal	Pass
3**	3993.500	35.84	-7.46	54.0	18.16	AV	166.00	200	Horizontal	Pass
4	5242.000	107.44	-5.36	--	--	Peak	93.00	300	Horizontal	N/A
4**	5242.000	100.34	-5.36	--	--	AV	93.00	300	Horizontal	N/A
5	7577.750	53.29	-0.00	74.0	20.71	Peak	93.00	200	Horizontal	Pass
5**	7577.750	44.68	-0.00	54.0	9.32	AV	93.00	200	Horizontal	Pass
6	12445.763	52.70	0.84	74.0	21.30	Peak	287.00	300	Horizontal	Pass
6**	12445.763	43.71	0.84	54.0	10.29	AV	287.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.100	42.04	-19.18	74.0	31.96	Peak	282.00	100	Vertical	Pass
1**	1529.100	31.40	-19.18	54.0	22.60	AV	282.00	100	Vertical	Pass
2	2786.700	43.85	-10.02	74.0	30.15	Peak	130.00	200	Vertical	Pass
2**	2786.700	35.82	-10.02	54.0	18.18	AV	130.00	200	Vertical	Pass
3	3993.500	56.86	-7.46	74.0	17.14	Peak	242.00	200	Vertical	Pass
3**	3993.500	47.26	-7.46	54.0	6.74	AV	242.00	200	Vertical	Pass
4	5235.250	105.68	-5.26	--	--	Peak	109.00	200	Vertical	N/A
4**	5235.250	98.15	-5.26	--	--	AV	109.00	200	Vertical	N/A
5	5990.500	57.63	-5.16	68.2	10.57	Peak	360.00	150	Vertical	Pass
5**	5990.500	47.15	-5.16	--	--	AV	360.00	150	Vertical	N/A
6	12397.787	52.95	0.33	74.0	21.05	Peak	327.00	200	Vertical	Pass
6**	12397.787	43.82	0.33	54.0	10.18	AV	327.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.400	41.73	-19.31	74.0	32.27	Peak	158.00	300	Horizontal	Pass
1**	1544.400	32.10	-19.31	54.0	21.90	AV	158.00	300	Horizontal	Pass
2	2782.600	44.04	-9.86	74.0	29.96	Peak	122.00	200	Horizontal	Pass
2**	2782.600	35.46	-9.86	54.0	18.54	AV	122.00	200	Horizontal	Pass
3	4353.000	46.98	-5.64	74.0	27.02	Peak	262.00	150	Horizontal	Pass
3**	4353.000	38.00	-5.64	54.0	16.00	AV	262.00	150	Horizontal	Pass
4	5181.750	107.79	-4.18	--	--	Peak	91.00	200	Horizontal	N/A
4**	5181.750	99.77	-4.18	--	--	AV	91.00	200	Horizontal	N/A
5	7544.000	52.90	-1.02	74.0	21.10	Peak	148.00	150	Horizontal	Pass
5**	7544.000	44.08	-1.02	54.0	9.92	AV	148.00	150	Horizontal	Pass
6	12581.137	52.45	1.32	74.0	21.55	Peak	270.00	200	Horizontal	Pass
6**	12581.137	43.31	1.32	54.0	10.69	AV	270.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.400	40.91	-19.69	74.0	33.09	Peak	158.00	400	Vertical	Pass
1**	1529.400	31.94	-19.69	54.0	22.06	AV	158.00	400	Vertical	Pass
2	2809.100	43.31	-11.24	74.0	30.69	Peak	220.00	200	Vertical	Pass
2**	2809.100	33.69	-11.24	54.0	20.31	AV	220.00	200	Vertical	Pass
3	3993.750	54.74	-7.47	74.0	19.26	Peak	247.00	200	Vertical	Pass
3**	3993.750	41.03	-7.47	54.0	12.97	AV	247.00	200	Vertical	Pass
4	5181.500	105.94	-4.33	--	--	Peak	116.00	400	Vertical	N/A
4**	5181.500	98.70	-4.33	--	--	AV	116.00	400	Vertical	N/A
5	7582.750	53.69	0.29	74.0	20.31	Peak	97.00	100	Vertical	Pass
5**	7582.750	44.79	0.29	54.0	9.21	AV	97.00	100	Vertical	Pass
6	12582.563	52.72	1.31	74.0	21.28	Peak	38.00	300	Vertical	Pass
6**	12582.563	43.66	1.31	54.0	10.34	AV	38.00	300	Vertical	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.300	41.18	-19.35	74.0	32.82	Peak	153.00	300	Horizontal	Pass
1**	1527.300	30.33	-19.35	54.0	23.67	AV	153.00	300	Horizontal	Pass
2	2780.500	43.79	-10.71	74.0	30.21	Peak	0.00	300	Horizontal	Pass
2**	2780.500	34.12	-10.71	54.0	19.88	AV	0.00	300	Horizontal	Pass
3	3993.250	47.46	-7.62	74.0	26.54	Peak	227.00	150	Horizontal	Pass
3**	3993.250	36.85	-7.62	54.0	17.15	AV	227.00	150	Horizontal	Pass
4	5218.250	107.51	-5.17	--	--	Peak	92.00	100	Horizontal	N/A
4**	5218.250	100.51	-5.17	--	--	AV	92.00	100	Horizontal	N/A
5	7585.500	52.69	-0.18	74.0	21.31	Peak	112.00	150	Horizontal	Pass
5**	7585.500	44.03	-0.18	54.0	9.97	AV	112.00	150	Horizontal	Pass
6	12419.401	52.73	0.53	74.0	21.27	Peak	289.00	400	Horizontal	Pass
6**	12419.401	43.33	0.53	54.0	10.67	AV	289.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.000	41.92	-19.94	74.0	32.08	Peak	275.00	100	Vertical	Pass
1**	1534.000	29.62	-19.94	54.0	24.38	AV	275.00	100	Vertical	Pass
2	2782.800	44.87	-9.70	74.0	29.13	Peak	123.00	400	Vertical	Pass
2**	2782.800	35.09	-9.70	54.0	18.91	AV	123.00	400	Vertical	Pass
3	3993.250	51.36	-7.62	74.0	22.64	Peak	246.00	150	Vertical	Pass
3**	3993.250	40.51	-7.62	54.0	13.49	AV	246.00	150	Vertical	Pass
4	5224.500	105.88	-5.07	--	--	Peak	110.00	200	Vertical	N/A
4**	5224.500	98.42	-5.07	--	--	AV	110.00	200	Vertical	N/A
5	5990.250	61.77	-5.21	68.2	6.43	Peak	15.00	150	Vertical	Pass
5**	5990.250	44.10	-5.21	--	--	AV	15.00	150	Vertical	N/A
6	12583.513	52.57	1.30	74.0	21.43	Peak	73.00	200	Vertical	Pass
6**	12583.513	44.54	1.30	54.0	9.46	AV	73.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.500	41.49	-19.78	74.0	32.51	Peak	250.00	400	Horizontal	Pass
1**	1540.500	32.95	-19.78	54.0	21.05	AV	250.00	400	Horizontal	Pass
2	2767.100	43.56	-11.47	74.0	30.44	Peak	135.00	200	Horizontal	Pass
2**	2767.100	33.93	-11.47	54.0	20.07	AV	135.00	200	Horizontal	Pass
3	3993.250	48.65	-7.62	74.0	25.35	Peak	164.00	100	Horizontal	Pass
3**	3993.250	36.27	-7.62	54.0	17.73	AV	164.00	100	Horizontal	Pass
4	5243.500	107.00	-5.39	--	--	Peak	105.00	400	Horizontal	N/A
4**	5243.500	99.20	-5.39	--	--	AV	105.00	400	Horizontal	N/A
5	7613.500	53.38	-0.92	74.0	20.62	Peak	124.00	150	Horizontal	Pass
5**	7613.500	43.79	-0.92	54.0	10.21	AV	124.00	150	Horizontal	Pass
6	12520.337	52.26	0.96	74.0	21.74	Peak	301.00	400	Horizontal	Pass
6**	12520.337	42.68	0.96	54.0	11.32	AV	301.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.800	42.01	-19.32	74.0	31.99	Peak	165.00	400	Vertical	Pass
1**	1532.800	31.08	-19.32	54.0	22.92	AV	165.00	400	Vertical	Pass
2	2783.100	44.50	-9.34	74.0	29.50	Peak	94.00	300	Vertical	Pass
2**	2783.100	36.43	-9.34	54.0	17.57	AV	94.00	300	Vertical	Pass
3	3993.500	54.95	-7.46	74.0	19.05	Peak	228.00	150	Vertical	Pass
3**	3993.500	45.62	-7.46	54.0	8.38	AV	228.00	150	Vertical	Pass
4	5242.500	105.69	-5.17	--	--	Peak	88.00	200	Vertical	N/A
4**	5242.500	98.14	-5.17	--	--	AV	88.00	200	Vertical	N/A
5	5990.250	60.11	-5.21	68.2	8.09	Peak	109.00	150	Vertical	Pass
5**	5990.250	46.20	-5.21	--	--	AV	109.00	150	Vertical	N/A
6	12614.625	52.62	1.03	74.0	21.38	Peak	113.00	400	Vertical	Pass
6**	12614.625	43.25	1.03	54.0	10.75	AV	113.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.400	41.26	-19.36	74.0	32.74	Peak	159.00	200	Horizontal	Pass
1**	1528.400	30.03	-19.36	54.0	23.97	AV	159.00	200	Horizontal	Pass
2	2783.300	44.50	-9.74	74.0	29.50	Peak	327.00	400	Horizontal	Pass
2**	2783.300	36.21	-9.74	54.0	17.79	AV	327.00	400	Horizontal	Pass
3	3994.000	49.54	-7.53	74.0	24.46	Peak	153.00	150	Horizontal	Pass
3**	3994.000	36.50	-7.53	54.0	17.50	AV	153.00	150	Horizontal	Pass
4	5184.250	104.69	-4.20	--	--	Peak	77.00	300	Horizontal	N/A
4**	5184.250	96.80	-4.20	--	--	AV	77.00	300	Horizontal	N/A
5	7462.750	52.46	-1.25	74.0	21.54	Peak	172.00	150	Horizontal	Pass
5**	7462.750	42.77	-1.25	54.0	11.23	AV	172.00	150	Horizontal	Pass
6	12290.201	53.07	0.60	74.0	20.93	Peak	141.00	200	Horizontal	Pass
6**	12290.201	42.99	0.60	54.0	11.01	AV	141.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.400	41.65	-19.31	74.0	32.35	Peak	285.00	200	Vertical	Pass
1**	1544.400	32.74	-19.31	54.0	21.26	AV	285.00	200	Vertical	Pass
2	2782.400	43.23	-9.91	74.0	30.77	Peak	69.00	200	Vertical	Pass
2**	2782.400	35.44	-9.91	54.0	18.56	AV	69.00	200	Vertical	Pass
3	3993.750	55.54	-7.47	74.0	18.46	Peak	231.00	150	Vertical	Pass
3**	3993.750	39.12	-7.47	54.0	14.88	AV	231.00	150	Vertical	Pass
4	5197.500	103.20	-4.39	--	--	Peak	99.00	200	Vertical	N/A
4**	5197.500	94.82	-4.39	--	--	AV	99.00	200	Vertical	N/A
5	5990.750	61.73	-4.93	68.2	6.47	Peak	231.00	150	Vertical	Pass
5**	5990.750	50.91	-4.93	--	--	AV	231.00	150	Vertical	N/A
6	12307.063	53.02	0.67	74.0	20.98	Peak	330.00	300	Vertical	Pass
6**	12307.063	43.22	0.67	54.0	10.78	AV	330.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.800	41.32	-19.48	74.0	32.68	Peak	256.00	400	Horizontal	Pass
1**	1543.800	32.44	-19.48	54.0	21.56	AV	256.00	400	Horizontal	Pass
2	2790.200	43.33	-10.76	74.0	30.67	Peak	300.00	300	Horizontal	Pass
2**	2790.200	34.03	-10.76	54.0	19.97	AV	300.00	300	Horizontal	Pass
3	4348.000	47.42	-5.86	74.0	26.58	Peak	250.00	100	Horizontal	Pass
3**	4348.000	37.57	-5.86	54.0	16.43	AV	250.00	100	Horizontal	Pass
4	5217.500	105.01	-4.66	--	--	Peak	78.00	400	Horizontal	N/A
4**	5217.500	98.01	-4.66	--	--	AV	78.00	400	Horizontal	N/A
5	7588.750	52.98	-0.60	74.0	21.02	Peak	135.00	100	Horizontal	Pass
5**	7588.750	44.65	-0.60	54.0	9.35	AV	135.00	100	Horizontal	Pass
6	12430.800	52.47	0.66	74.0	21.53	Peak	213.00	300	Horizontal	Pass
6**	12430.800	44.25	0.66	54.0	9.75	AV	213.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.600	41.52	-19.58	74.0	32.48	Peak	282.00	300	Vertical	Pass
1**	1534.600	32.50	-19.58	54.0	21.50	AV	282.00	300	Vertical	Pass
2	2804.000	44.38	-11.48	74.0	29.62	Peak	131.00	100	Vertical	Pass
2**	2804.000	33.86	-11.48	54.0	20.14	AV	131.00	100	Vertical	Pass
3	3993.500	53.50	-7.46	74.0	20.50	Peak	174.00	150	Vertical	Pass
3**	3993.500	43.05	-7.46	54.0	10.95	AV	174.00	150	Vertical	Pass
4	5219.000	103.35	-4.96	--	--	Peak	194.00	400	Vertical	N/A
4**	5219.000	95.07	-4.96	--	--	AV	194.00	400	Vertical	N/A
5	5990.250	59.75	-5.21	68.2	8.45	Peak	174.00	150	Vertical	Pass
5**	5990.250	47.75	-5.21	--	--	AV	174.00	150	Vertical	N/A
6	12367.388	52.32	0.59	74.0	21.68	Peak	231.00	300	Vertical	Pass
6**	12367.388	43.22	0.59	54.0	10.78	AV	231.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.300	41.01	-19.61	74.0	32.99	Peak	254.00	200	Horizontal	Pass
1**	1540.300	32.00	-19.61	54.0	22.00	AV	254.00	200	Horizontal	Pass
2	2785.200	43.97	-10.04	74.0	30.03	Peak	316.00	100	Horizontal	Pass
2**	2785.200	34.66	-10.04	54.0	19.34	AV	316.00	100	Horizontal	Pass
3	3993.750	47.22	-7.47	74.0	26.78	Peak	224.00	100	Horizontal	Pass
3**	3993.750	36.57	-7.47	54.0	17.43	AV	224.00	100	Horizontal	Pass
4	5182.750	108.10	-4.26	--	--	Peak	73.00	100	Horizontal	N/A
4**	5182.750	100.93	-4.26	--	--	AV	73.00	100	Horizontal	N/A
5	7586.000	53.25	-0.09	74.0	20.75	Peak	149.00	100	Horizontal	Pass
5**	7586.000	44.69	-0.09	54.0	9.31	AV	149.00	100	Horizontal	Pass
6	12429.138	52.33	0.65	74.0	21.67	Peak	245.00	200	Horizontal	Pass
6**	12429.138	43.23	0.65	54.0	10.77	AV	245.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.800	41.43	-19.19	74.0	32.57	Peak	166.00	200	Vertical	Pass
1**	1540.800	32.00	-19.19	54.0	22.00	AV	166.00	200	Vertical	Pass
2	2782.400	44.99	-9.91	74.0	29.01	Peak	263.00	200	Vertical	Pass
2**	2782.400	35.39	-9.91	54.0	18.61	AV	263.00	200	Vertical	Pass
3	3993.500	53.69	-7.46	74.0	20.31	Peak	145.00	100	Vertical	Pass
3**	3993.500	39.81	-7.46	54.0	14.19	AV	145.00	100	Vertical	Pass
4	5178.750	105.25	-4.25	--	--	Peak	88.00	100	Vertical	N/A
4**	5178.750	98.08	-4.25	--	--	AV	88.00	100	Vertical	N/A
5	7579.250	53.18	0.11	74.0	20.82	Peak	284.00	200	Vertical	Pass
5**	7579.250	44.66	0.11	54.0	9.34	AV	284.00	200	Vertical	Pass
6	12364.063	52.92	0.62	74.0	21.08	Peak	81.00	200	Vertical	Pass
6**	12364.063	43.62	0.62	54.0	10.38	AV	81.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.400	41.08	-19.42	74.0	32.92	Peak	165.00	300	Horizontal	Pass
1**	1530.400	30.77	-19.42	54.0	23.23	AV	165.00	300	Horizontal	Pass
2	2790.800	43.94	-10.80	74.0	30.06	Peak	289.00	300	Horizontal	Pass
2**	2790.800	34.45	-10.80	54.0	19.55	AV	289.00	300	Horizontal	Pass
3	4344.500	47.46	-5.33	74.0	26.54	Peak	226.00	100	Horizontal	Pass
3**	4344.500	38.18	-5.33	54.0	15.82	AV	226.00	100	Horizontal	Pass
4	5222.250	107.89	-4.99	--	--	Peak	92.00	100	Horizontal	N/A
4**	5222.250	99.82	-4.99	--	--	AV	92.00	100	Horizontal	N/A
5	7494.500	52.72	-0.42	74.0	21.28	Peak	111.00	200	Horizontal	Pass
5**	7494.500	43.89	-0.42	54.0	10.11	AV	111.00	200	Horizontal	Pass
6	12517.250	53.48	0.89	74.0	20.52	Peak	269.00	200	Horizontal	Pass
6**	12517.250	42.85	0.89	54.0	11.15	AV	269.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.600	41.56	-19.59	74.0	32.44	Peak	281.00	300	Vertical	Pass
1**	1540.600	34.42	-19.59	54.0	19.58	AV	281.00	300	Vertical	Pass
2	2773.200	43.81	-10.78	74.0	30.19	Peak	105.00	400	Vertical	Pass
2**	2773.200	34.30	-10.78	54.0	19.70	AV	105.00	400	Vertical	Pass
3	3994.250	53.71	-7.64	74.0	20.29	Peak	167.00	150	Vertical	Pass
3**	3994.250	42.11	-7.64	54.0	11.89	AV	167.00	150	Vertical	Pass
4	5223.250	106.38	-5.28	--	--	Peak	91.00	200	Vertical	N/A
4**	5223.250	98.53	-5.28	--	--	AV	91.00	200	Vertical	N/A
5	5990.750	60.29	-4.93	68.2	7.91	Peak	224.00	150	Vertical	Pass
5**	5990.750	48.87	-4.93	--	--	AV	224.00	150	Vertical	N/A
6	12448.375	52.63	0.87	74.0	21.37	Peak	210.00	100	Vertical	Pass
6**	12448.375	42.94	0.87	54.0	11.06	AV	210.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.000	41.26	-19.31	74.0	32.74	Peak	253.00	100	Horizontal	Pass
1**	1541.000	31.43	-19.31	54.0	22.57	AV	253.00	100	Horizontal	Pass
2	2773.300	43.43	-10.58	74.0	30.57	Peak	199.00	100	Horizontal	Pass
2**	2773.300	34.90	-10.58	54.0	19.10	AV	199.00	100	Horizontal	Pass
3	3993.750	48.26	-7.47	74.0	25.74	Peak	153.00	200	Horizontal	Pass
3**	3993.750	36.91	-7.47	54.0	17.09	AV	153.00	200	Horizontal	Pass
4	5242.500	107.03	-5.17	--	--	Peak	115.00	400	Horizontal	N/A
4**	5242.500	99.99	-5.17	--	--	AV	115.00	400	Horizontal	N/A
5	7371.000	53.20	-1.14	74.0	20.80	Peak	211.00	200	Horizontal	Pass
5**	7371.000	42.85	-1.14	54.0	11.15	AV	211.00	200	Horizontal	Pass
6	12336.275	52.79	0.71	74.0	21.21	Peak	112.00	300	Horizontal	Pass
6**	12336.275	43.42	0.71	54.0	10.58	AV	112.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.200	41.99	-19.60	74.0	32.01	Peak	286.00	100	Vertical	Pass
1**	1531.200	29.27	-19.60	54.0	24.73	AV	286.00	100	Vertical	Pass
2	2783.100	44.09	-9.34	74.0	29.91	Peak	64.00	300	Vertical	Pass
2**	2783.100	36.14	-9.34	54.0	17.86	AV	64.00	300	Vertical	Pass
3	3994.000	55.22	-7.53	74.0	18.78	Peak	230.00	100	Vertical	Pass
3**	3994.000	38.09	-7.53	54.0	15.91	AV	230.00	100	Vertical	Pass
4	5244.250	106.16	-5.25	--	--	Peak	98.00	300	Vertical	N/A
4**	5244.250	99.14	-5.25	--	--	AV	98.00	300	Vertical	N/A
5	5990.750	63.13	-4.93	68.2	5.07	Peak	173.00	150	Vertical	Pass
5**	5990.750	52.34	-4.93	--	--	AV	173.00	150	Vertical	N/A
6	12460.488	53.10	0.81	74.0	20.90	Peak	360.00	300	Vertical	Pass
6**	12460.488	43.61	0.81	54.0	10.39	AV	360.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.000	41.09	-19.31	74.0	32.91	Peak	200.00	400	Horizontal	Pass
1**	1541.000	32.89	-19.31	54.0	21.11	AV	200.00	400	Horizontal	Pass
2	2782.300	43.86	-9.93	74.0	30.14	Peak	0.00	400	Horizontal	Pass
2**	2782.300	35.27	-9.93	54.0	18.73	AV	0.00	400	Horizontal	Pass
3	3993.750	48.60	-7.47	74.0	25.40	Peak	154.00	200	Horizontal	Pass
3**	3993.750	36.85	-7.47	54.0	17.15	AV	154.00	200	Horizontal	Pass
4	5179.250	104.74	-4.06	--	--	Peak	77.00	200	Horizontal	N/A
4**	5179.250	97.28	-4.06	--	--	AV	77.00	200	Horizontal	N/A
5	7544.000	52.97	-1.02	74.0	21.03	Peak	154.00	200	Horizontal	Pass
5**	7544.000	44.28	-1.02	54.0	9.72	AV	154.00	200	Horizontal	Pass
6	12611.775	52.83	1.05	74.0	21.17	Peak	129.00	300	Horizontal	Pass
6**	12611.775	44.73	1.05	54.0	9.27	AV	129.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.400	41.33	-19.46	74.0	32.67	Peak	289.00	400	Vertical	Pass
1**	1538.400	31.01	-19.46	54.0	22.99	AV	289.00	400	Vertical	Pass
2	2782.800	43.43	-9.70	74.0	30.57	Peak	36.00	200	Vertical	Pass
2**	2782.800	35.86	-9.70	54.0	18.14	AV	36.00	200	Vertical	Pass
3	3993.500	55.56	-7.46	74.0	18.44	Peak	231.00	200	Vertical	Pass
3**	3993.500	47.68	-7.46	54.0	6.32	AV	231.00	200	Vertical	Pass
4	5201.500	103.31	-4.61	--	--	Peak	97.00	400	Vertical	N/A
4**	5201.500	95.09	-4.61	--	--	AV	97.00	400	Vertical	N/A
5	5990.000	59.91	-5.20	68.2	8.29	Peak	0.00	150	Vertical	Pass
5**	5990.000	48.45	-5.20	--	--	AV	0.00	150	Vertical	N/A
6	12581.613	52.52	1.32	74.0	21.48	Peak	173.00	100	Vertical	Pass
6**	12581.613	44.13	1.32	54.0	9.87	AV	173.00	100	Vertical	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.400	41.55	-19.31	74.0	32.45	Peak	197.00	100	Horizontal	Pass
1**	1544.400	30.77	-19.31	54.0	23.23	AV	197.00	100	Horizontal	Pass
2	2783.500	43.91	-10.15	74.0	30.09	Peak	360.00	300	Horizontal	Pass
2**	2783.500	34.23	-10.15	54.0	19.77	AV	360.00	300	Horizontal	Pass
3	3993.750	46.41	-7.47	74.0	27.59	Peak	202.00	100	Horizontal	Pass
3**	3993.750	38.15	-7.47	54.0	15.85	AV	202.00	100	Horizontal	Pass
4	5218.750	106.06	-4.96	--	--	Peak	81.00	200	Horizontal	N/A
4**	5218.750	97.87	-4.96	--	--	AV	81.00	200	Horizontal	N/A
5	7683.750	52.53	-0.72	74.0	21.47	Peak	23.00	100	Horizontal	Pass
5**	7683.750	43.71	-0.72	54.0	10.29	AV	23.00	100	Horizontal	Pass
6	12595.387	52.79	1.19	74.0	21.21	Peak	34.00	100	Horizontal	Pass
6**	12595.387	43.04	1.19	54.0	10.96	AV	34.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.300	41.62	-19.83	74.0	32.38	Peak	288.00	400	Vertical	Pass
1**	1542.300	32.84	-19.83	54.0	21.16	AV	288.00	400	Vertical	Pass
2	2785.800	43.87	-10.08	74.0	30.13	Peak	234.00	300	Vertical	Pass
2**	2785.800	35.32	-10.08	54.0	18.68	AV	234.00	300	Vertical	Pass
3	3994.000	53.26	-7.53	74.0	20.74	Peak	173.00	200	Vertical	Pass
3**	3994.000	39.48	-7.53	54.0	14.52	AV	173.00	200	Vertical	Pass
4	5224.000	103.14	-5.04	--	--	Peak	97.00	100	Vertical	N/A
4**	5224.000	95.08	-5.04	--	--	AV	97.00	100	Vertical	N/A
5	5990.250	60.28	-5.21	68.2	7.92	Peak	308.00	150	Vertical	Pass
5**	5990.250	46.44	-5.21	--	--	AV	308.00	150	Vertical	N/A
6	12399.450	52.72	0.31	74.0	21.28	Peak	218.00	200	Vertical	Pass
6**	12399.450	43.79	0.31	54.0	10.21	AV	218.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.800	41.49	-19.19	74.0	32.51	Peak	243.00	400	Horizontal	Pass
1**	1540.800	31.90	-19.19	54.0	22.10	AV	243.00	400	Horizontal	Pass
2	2783.100	43.18	-9.34	74.0	30.82	Peak	243.00	100	Horizontal	Pass
2**	2783.100	35.55	-9.34	54.0	18.45	AV	243.00	100	Horizontal	Pass
3	3993.500	49.18	-7.46	74.0	24.82	Peak	211.00	100	Horizontal	Pass
3**	3993.500	39.56	-7.46	54.0	14.44	AV	211.00	100	Horizontal	Pass
4	5216.750	101.23	-4.86	--	--	Peak	77.00	400	Horizontal	N/A
4**	5216.750	92.47	-4.86	--	--	AV	77.00	400	Horizontal	N/A
5	7324.750	53.64	-1.64	74.0	20.36	Peak	58.00	100	Horizontal	Pass
5**	7324.750	43.47	-1.64	54.0	10.53	AV	58.00	100	Horizontal	Pass
6	12425.099	53.03	0.60	74.0	20.97	Peak	21.00	200	Horizontal	Pass
6**	12425.099	43.12	0.60	54.0	10.88	AV	21.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.900	41.93	-19.59	74.0	32.07	Peak	170.00	100	Vertical	Pass
1**	1536.900	32.22	-19.59	54.0	21.78	AV	170.00	100	Vertical	Pass
2	2771.100	43.65	-11.57	74.0	30.35	Peak	305.00	400	Vertical	Pass
2**	2771.100	33.54	-11.57	54.0	20.46	AV	305.00	400	Vertical	Pass
3	3993.750	55.08	-7.47	74.0	18.92	Peak	229.00	100	Vertical	Pass
3**	3993.750	45.38	-7.47	54.0	8.62	AV	229.00	100	Vertical	Pass
4	5208.000	98.89	-4.24	--	--	Peak	97.00	400	Vertical	N/A
4**	5208.000	91.09	-4.24	--	--	AV	97.00	400	Vertical	N/A
5	5990.500	62.72	-5.16	68.2	5.48	Peak	39.00	150	Vertical	Pass
5**	5990.500	51.98	-5.16	--	--	AV	39.00	150	Vertical	N/A
6	12586.125	52.77	1.28	74.0	21.23	Peak	99.00	100	Vertical	Pass
6**	12586.125	43.95	1.28	54.0	10.05	AV	99.00	100	Vertical	Pass

## 11x20 (SU), U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.900	40.68	-19.10	74.0	33.32	Peak	249.00	400	Horizontal	Pass
1**	1540.900	31.84	-19.10	54.0	22.16	AV	249.00	400	Horizontal	Pass
2	2777.300	44.08	-10.20	74.0	29.92	Peak	249.00	300	Horizontal	Pass
2**	2777.300	34.69	-10.20	54.0	19.31	AV	249.00	300	Horizontal	Pass
3	3993.500	47.55	-7.46	74.0	26.45	Peak	224.00	150	Horizontal	Pass
3**	3993.500	36.55	-7.46	54.0	17.45	AV	224.00	150	Horizontal	Pass
4	5184.250	108.89	-4.20	--	--	Peak	84.00	100	Horizontal	N/A
4**	5184.250	99.80	-4.20	--	--	AV	84.00	100	Horizontal	N/A
5	7650.000	52.58	-0.86	74.0	21.42	Peak	304.00	100	Horizontal	Pass
5**	7650.000	43.85	-0.86	54.0	10.15	AV	304.00	100	Horizontal	Pass
6	12340.312	52.60	0.72	74.0	21.40	Peak	266.00	200	Horizontal	Pass
6**	12340.312	43.06	0.72	54.0	10.94	AV	266.00	200	Horizontal	Pass

## 11x20 (SU), U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.200	41.12	-19.20	74.0	32.88	Peak	285.00	300	Vertical	Pass
1**	1544.200	31.66	-19.20	54.0	22.34	AV	285.00	300	Vertical	Pass
2	2788.500	43.36	-10.44	74.0	30.64	Peak	195.00	400	Vertical	Pass
2**	2788.500	35.40	-10.44	54.0	18.60	AV	195.00	400	Vertical	Pass
3	3993.500	50.02	-7.46	74.0	23.98	Peak	209.00	150	Vertical	Pass
3**	3993.500	40.21	-7.46	54.0	13.79	AV	209.00	150	Vertical	Pass
4	5184.250	106.03	-4.20	--	--	Peak	95.00	100	Vertical	N/A
4**	5184.250	98.53	-4.20	--	--	AV	95.00	100	Vertical	N/A
5	5990.250	61.39	-5.21	68.2	6.81	Peak	267.00	150	Vertical	Pass
5**	5990.250	48.40	-5.21	--	--	AV	267.00	150	Vertical	N/A
6	12613.200	52.53	1.04	74.0	21.47	Peak	102.00	100	Vertical	Pass
6**	12613.200	43.85	1.04	54.0	10.15	AV	102.00	100	Vertical	Pass

## 11x20 (SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.700	41.22	-19.39	74.0	32.78	Peak	127.00	400	Horizontal	Pass
1**	1540.700	32.95	-19.39	54.0	21.05	AV	127.00	400	Horizontal	Pass
2	2784.500	43.83	-10.26	74.0	30.17	Peak	0.00	400	Horizontal	Pass
2**	2784.500	34.53	-10.26	54.0	19.47	AV	0.00	400	Horizontal	Pass
3	3993.500	47.75	-7.46	74.0	26.25	Peak	141.00	150	Horizontal	Pass
3**	3993.500	37.83	-7.46	54.0	16.17	AV	141.00	150	Horizontal	Pass
4	5216.500	108.36	-4.81	--	--	Peak	81.00	300	Horizontal	N/A
4**	5216.500	100.20	-4.81	--	--	AV	81.00	300	Horizontal	N/A
5	7582.750	53.01	0.29	74.0	20.99	Peak	2.00	200	Horizontal	Pass
5**	7582.750	45.02	0.29	54.0	8.98	AV	2.00	200	Horizontal	Pass
6	12397.550	52.62	0.33	74.0	21.38	Peak	293.00	300	Horizontal	Pass
6**	12397.550	43.29	0.33	54.0	10.71	AV	293.00	300	Horizontal	Pass

## 11x20 (SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.700	41.40	-19.39	74.0	32.60	Peak	291.00	400	Vertical	Pass
1**	1540.700	31.40	-19.39	54.0	22.60	AV	291.00	400	Vertical	Pass
2	2778.100	43.26	-11.04	74.0	30.74	Peak	230.00	300	Vertical	Pass
2**	2778.100	34.22	-11.04	54.0	19.78	AV	230.00	300	Vertical	Pass
3	3993.750	56.49	-7.47	74.0	17.51	Peak	231.00	150	Vertical	Pass
3**	3993.750	46.54	-7.47	54.0	7.46	AV	231.00	150	Vertical	Pass
4	5214.750	106.82	-4.57	--	--	Peak	192.00	300	Vertical	N/A
4**	5214.750	96.49	-4.57	--	--	AV	192.00	300	Vertical	N/A
5	5990.000	59.70	-5.20	68.2	8.50	Peak	0.00	150	Vertical	Pass
5**	5990.000	44.92	-5.20	--	--	AV	0.00	150	Vertical	N/A
6	12452.888	53.04	0.87	74.0	20.96	Peak	87.00	100	Vertical	Pass
6**	12452.888	43.70	0.87	54.0	10.30	AV	87.00	100	Vertical	Pass

## 11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.200	40.85	-19.41	74.0	33.15	Peak	252.00	200	Horizontal	Pass
1**	1540.200	32.41	-19.41	54.0	21.59	AV	252.00	200	Horizontal	Pass
2	2777.500	44.65	-10.10	74.0	29.35	Peak	343.00	100	Horizontal	Pass
2**	2777.500	34.96	-10.10	54.0	19.04	AV	343.00	100	Horizontal	Pass
3	4354.250	47.02	-6.20	74.0	26.98	Peak	43.00	100	Horizontal	Pass
3**	4354.250	37.89	-6.20	54.0	16.11	AV	43.00	100	Horizontal	Pass
4	5236.000	108.65	-5.20	--	--	Peak	120.00	200	Horizontal	N/A
4**	5236.000	98.84	-5.20	--	--	AV	120.00	200	Horizontal	N/A
5	7692.000	52.96	-0.95	74.0	21.04	Peak	343.00	150	Horizontal	Pass
5**	7692.000	43.22	-0.95	54.0	10.78	AV	343.00	150	Horizontal	Pass
6	12550.974	53.01	1.60	74.0	20.99	Peak	0.00	300	Horizontal	Pass
6**	12550.974	43.67	1.60	54.0	10.33	AV	0.00	300	Horizontal	Pass

## 11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.200	41.72	-19.35	74.0	32.28	Peak	164.00	400	Vertical	Pass
1**	1529.200	31.25	-19.35	54.0	22.75	AV	164.00	400	Vertical	Pass
2	2779.600	44.36	-10.54	74.0	29.64	Peak	342.00	300	Vertical	Pass
2**	2779.600	34.32	-10.54	54.0	19.68	AV	342.00	300	Vertical	Pass
3	3993.250	53.25	-7.62	74.0	20.75	Peak	246.00	200	Vertical	Pass
3**	3993.250	38.29	-7.62	54.0	15.71	AV	246.00	200	Vertical	Pass
4	5238.750	105.98	-5.16	--	--	Peak	92.00	300	Vertical	N/A
4**	5238.750	98.20	-5.16	--	--	AV	92.00	300	Vertical	N/A
5	5990.500	60.64	-5.16	68.2	7.56	Peak	0.00	150	Vertical	Pass
5**	5990.500	48.65	-5.16	--	--	AV	0.00	150	Vertical	N/A
6	12297.562	52.72	0.64	74.0	21.28	Peak	180.00	400	Vertical	Pass
6**	12297.562	42.89	0.64	54.0	11.11	AV	180.00	400	Vertical	Pass

## 11ax40 (SU), U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.600	41.65	-19.36	74.0	32.35	Peak	125.00	200	Horizontal	Pass
1**	1528.600	31.62	-19.36	54.0	22.38	AV	125.00	200	Horizontal	Pass
2	2806.900	44.06	-11.56	74.0	29.94	Peak	360.00	200	Horizontal	Pass
2**	2806.900	35.51	-11.56	54.0	18.49	AV	360.00	200	Horizontal	Pass
3	4353.250	47.03	-5.86	74.0	26.97	Peak	269.00	100	Horizontal	Pass
3**	4353.250	37.92	-5.86	54.0	16.08	AV	269.00	100	Horizontal	Pass
4	5186.000	106.31	-4.51	--	--	Peak	77.00	400	Horizontal	N/A
4**	5186.000	96.97	-4.51	--	--	AV	77.00	400	Horizontal	N/A
5	7297.000	53.18	-2.21	74.0	20.82	Peak	19.00	200	Horizontal	Pass
5**	7297.000	42.40	-2.21	54.0	11.60	AV	19.00	200	Horizontal	Pass
6	12304.213	53.50	0.66	74.0	20.50	Peak	107.00	400	Horizontal	Pass
6**	12304.213	44.20	0.66	54.0	9.80	AV	107.00	400	Horizontal	Pass

## 11ax40 (SU), U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.300	40.87	-19.59	74.0	33.13	Peak	289.00	300	Vertical	Pass
1**	1534.300	30.57	-19.59	54.0	23.43	AV	289.00	300	Vertical	Pass
2	2782.800	43.39	-9.70	74.0	30.61	Peak	57.00	300	Vertical	Pass
2**	2782.800	35.14	-9.70	54.0	18.86	AV	57.00	300	Vertical	Pass
3	3993.250	52.64	-7.62	74.0	21.36	Peak	181.00	100	Vertical	Pass
3**	3993.250	41.55	-7.62	54.0	12.45	AV	181.00	100	Vertical	Pass
4	5192.750	104.17	-4.49	--	--	Peak	262.00	400	Vertical	N/A
4**	5192.750	95.71	-4.49	--	--	AV	262.00	400	Vertical	N/A
5	7572.000	52.87	-0.88	74.0	21.13	Peak	242.00	100	Vertical	Pass
5**	7572.000	43.48	-0.88	54.0	10.52	AV	242.00	100	Vertical	Pass
6	12333.187	52.90	0.71	74.0	21.10	Peak	360.00	100	Vertical	Pass
6**	12333.187	43.16	0.71	54.0	10.84	AV	360.00	100	Vertical	Pass

## 11ax40 (SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.900	41.22	-19.10	74.0	32.78	Peak	245.00	400	Horizontal	Pass
1**	1540.900	32.37	-19.10	54.0	21.63	AV	245.00	400	Horizontal	Pass
2	2782.400	44.40	-9.91	74.0	29.60	Peak	138.00	200	Horizontal	Pass
2**	2782.400	35.36	-9.91	54.0	18.64	AV	138.00	200	Horizontal	Pass
3	3993.750	48.26	-7.47	74.0	25.74	Peak	210.00	200	Horizontal	Pass
3**	3993.750	37.39	-7.47	54.0	16.61	AV	210.00	200	Horizontal	Pass
4	5223.000	105.80	-4.86	--	--	Peak	77.00	200	Horizontal	N/A
4**	5223.000	98.94	-4.86	--	--	AV	77.00	200	Horizontal	N/A
5	7323.250	53.58	-1.35	74.0	20.42	Peak	0.00	150	Horizontal	Pass
5**	7323.250	43.05	-1.35	54.0	10.95	AV	0.00	150	Horizontal	Pass
6	12371.900	52.35	0.55	74.0	21.65	Peak	149.00	200	Horizontal	Pass
6**	12371.900	43.00	0.55	54.0	11.00	AV	149.00	200	Horizontal	Pass

## 11ax40 (SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.200	41.26	-19.27	74.0	32.74	Peak	168.00	300	Vertical	Pass
1**	1528.200	30.69	-19.27	54.0	23.31	AV	168.00	300	Vertical	Pass
2	2777.500	43.14	-10.10	74.0	30.86	Peak	142.00	400	Vertical	Pass
2**	2777.500	34.82	-10.10	54.0	19.18	AV	142.00	400	Vertical	Pass
3	3994.000	54.28	-7.53	74.0	19.72	Peak	228.00	150	Vertical	Pass
3**	3994.000	44.72	-7.53	54.0	9.28	AV	228.00	150	Vertical	Pass
4	5234.000	104.36	-5.45	--	--	Peak	93.00	200	Vertical	N/A
4**	5234.000	94.54	-5.45	--	--	AV	93.00	200	Vertical	N/A
5	7578.500	53.57	0.04	74.0	20.43	Peak	132.00	100	Vertical	Pass
5**	7578.500	45.39	0.04	54.0	8.61	AV	132.00	100	Vertical	Pass
6	12359.788	52.47	0.65	74.0	21.53	Peak	3.00	100	Vertical	Pass
6**	12359.788	43.47	0.65	54.0	10.53	AV	3.00	100	Vertical	Pass

## 11ax80 (SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.100	41.47	-19.62	74.0	32.53	Peak	166.00	300	Horizontal	Pass
1**	1542.100	31.88	-19.62	54.0	22.12	AV	166.00	300	Horizontal	Pass
2	2783.200	44.12	-9.54	74.0	29.88	Peak	4.00	300	Horizontal	Pass
2**	2783.200	36.15	-9.54	54.0	17.85	AV	4.00	300	Horizontal	Pass
3	4299.000	46.32	-5.72	74.0	27.68	Peak	151.00	100	Horizontal	Pass
3**	4299.000	37.46	-5.72	54.0	16.54	AV	151.00	100	Horizontal	Pass
4	5213.250	102.34	-4.56	--	--	Peak	75.00	400	Horizontal	N/A
4**	5213.250	92.21	-4.56	--	--	AV	75.00	400	Horizontal	N/A
5	7375.250	53.31	-1.54	74.0	20.69	Peak	170.00	200	Horizontal	Pass
5**	7375.250	43.40	-1.54	54.0	10.60	AV	170.00	200	Horizontal	Pass
6	12584.225	53.39	1.30	74.0	20.61	Peak	360.00	100	Horizontal	Pass
6**	12584.225	43.98	1.30	54.0	10.02	AV	360.00	100	Horizontal	Pass

## 11ax80 (SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.000	41.33	-19.40	74.0	32.67	Peak	291.00	300	Vertical	Pass
1**	1533.000	30.95	-19.40	54.0	23.05	AV	291.00	300	Vertical	Pass
2	2788.900	43.67	-10.21	74.0	30.33	Peak	22.00	400	Vertical	Pass
2**	2788.900	34.82	-10.21	54.0	19.18	AV	22.00	400	Vertical	Pass
3	3993.250	55.83	-7.62	74.0	18.17	Peak	230.00	200	Vertical	Pass
3**	3993.250	38.82	-7.62	54.0	15.18	AV	230.00	200	Vertical	Pass
4	5192.000	100.03	-4.44	--	--	Peak	98.00	400	Vertical	N/A
4**	5192.000	90.64	-4.44	--	--	AV	98.00	400	Vertical	N/A
5	7582.750	52.91	0.29	74.0	21.09	Peak	326.00	200	Vertical	Pass
5**	7582.750	44.70	0.29	54.0	9.30	AV	326.00	200	Vertical	Pass
6	12578.525	53.43	1.35	74.0	20.57	Peak	241.00	200	Vertical	Pass
6**	12578.525	43.53	1.35	54.0	10.47	AV	241.00	200	Vertical	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.000	40.59	-19.09	74.0	33.41	Peak	133.00	400	Horizontal	Pass
1**	1540.000	34.11	-19.09	54.0	19.89	AV	133.00	400	Horizontal	Pass
2	2785.700	43.71	-10.09	74.0	30.29	Peak	186.00	400	Horizontal	Pass
2**	2785.700	34.67	-10.09	54.0	19.33	AV	186.00	400	Horizontal	Pass
3	4121.500	47.10	-6.59	74.0	26.90	Peak	360.00	200	Horizontal	Pass
3**	4121.500	37.39	-6.59	54.0	16.61	AV	360.00	200	Horizontal	Pass
4	5262.750	107.47	-5.05	--	--	Peak	76.00	400	Horizontal	N/A
4**	5262.750	100.12	-5.05	--	--	AV	76.00	400	Horizontal	N/A
5	7582.750	52.63	0.29	74.0	21.37	Peak	115.00	150	Horizontal	Pass
5**	7582.750	44.79	0.29	54.0	9.21	AV	115.00	150	Horizontal	Pass
6	12575.200	52.70	1.38	74.0	21.30	Peak	274.00	100	Horizontal	Pass
6**	12575.200	43.56	1.38	54.0	10.44	AV	274.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.900	41.46	-19.10	74.0	32.54	Peak	291.00	200	Vertical	Pass
1**	1540.900	33.09	-19.10	54.0	20.91	AV	291.00	200	Vertical	Pass
2	2783.100	44.62	-9.34	74.0	29.38	Peak	120.00	200	Vertical	Pass
2**	2783.100	35.82	-9.34	54.0	18.18	AV	120.00	200	Vertical	Pass
3	3993.500	54.45	-7.46	74.0	19.55	Peak	248.00	200	Vertical	Pass
3**	3993.500	37.41	-7.46	54.0	16.59	AV	248.00	200	Vertical	Pass
4	5264.750	106.57	-4.64	--	--	Peak	191.00	400	Vertical	N/A
4**	5264.750	99.39	-4.64	--	--	AV	191.00	400	Vertical	N/A
5	7579.750	52.94	-0.28	74.0	21.06	Peak	115.00	100	Vertical	Pass
5**	7579.750	43.76	-0.28	54.0	10.24	AV	115.00	100	Vertical	Pass
6	12585.413	52.86	1.28	74.0	21.14	Peak	134.00	100	Vertical	Pass
6**	12585.413	43.67	1.28	54.0	10.33	AV	134.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1546.900	40.69	-19.44	74.0	33.31	Peak	250.00	400	Horizontal	Pass
1**	1546.900	29.34	-19.44	54.0	24.66	AV	250.00	400	Horizontal	Pass
2	2782.300	44.12	-9.93	74.0	29.88	Peak	0.00	100	Horizontal	Pass
2**	2782.300	35.68	-9.93	54.0	18.32	AV	0.00	100	Horizontal	Pass
3	3994.000	46.94	-7.53	74.0	27.06	Peak	223.00	200	Horizontal	Pass
3**	3994.000	37.24	-7.53	54.0	16.76	AV	223.00	200	Horizontal	Pass
4	5297.250	108.29	-4.95	--	--	Peak	82.00	300	Horizontal	N/A
4**	5297.250	100.83	-4.95	--	--	AV	82.00	300	Horizontal	N/A
5	7502.000	53.28	-0.69	74.0	20.72	Peak	63.00	150	Horizontal	Pass
5**	7502.000	44.91	-0.69	54.0	9.09	AV	63.00	150	Horizontal	Pass
6	12272.388	52.64	0.49	74.0	21.36	Peak	0.00	300	Horizontal	Pass
6**	12272.388	43.06	0.49	54.0	10.94	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.800	41.10	-19.19	74.0	32.90	Peak	163.00	100	Vertical	Pass
1**	1540.800	33.86	-19.19	54.0	20.14	AV	163.00	100	Vertical	Pass
2	2837.700	44.00	-11.75	74.0	30.00	Peak	299.00	400	Vertical	Pass
2**	2837.700	34.26	-11.75	54.0	19.74	AV	299.00	400	Vertical	Pass
3	3993.750	53.70	-7.47	74.0	20.30	Peak	247.00	200	Vertical	Pass
3**	3993.750	37.48	-7.47	54.0	16.52	AV	247.00	200	Vertical	Pass
4	5298.000	106.96	-5.00	--	--	Peak	93.00	300	Vertical	N/A
4**	5298.000	99.82	-5.00	--	--	AV	93.00	300	Vertical	N/A
5	5990.500	60.97	-5.16	68.2	7.23	Peak	229.00	150	Vertical	Pass
5**	5990.500	40.08	-5.16	--	--	AV	229.00	150	Vertical	N/A
6	12432.700	53.40	0.69	74.0	20.60	Peak	225.00	400	Vertical	Pass
6**	12432.700	44.01	0.69	54.0	9.99	AV	225.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.900	41.35	-19.10	74.0	32.65	Peak	165.00	300	Horizontal	Pass
1**	1540.900	33.93	-19.10	54.0	20.07	AV	165.00	300	Horizontal	Pass
2	2777.500	43.59	-10.10	74.0	30.41	Peak	334.00	300	Horizontal	Pass
2**	2777.500	35.02	-10.10	54.0	18.98	AV	334.00	300	Horizontal	Pass
3	4356.750	47.22	-6.10	74.0	26.78	Peak	0.00	150	Horizontal	Pass
3**	4356.750	38.45	-6.10	54.0	15.55	AV	0.00	150	Horizontal	Pass
4	5317.250	107.86	-4.58	--	--	Peak	78.00	400	Horizontal	N/A
4**	5317.250	101.94	-4.58	--	--	AV	78.00	400	Horizontal	N/A
5	7654.750	53.36	-0.64	74.0	20.64	Peak	287.00	100	Horizontal	Pass
5**	7654.750	43.73	-0.64	54.0	10.27	AV	287.00	100	Horizontal	Pass
6	12579.713	53.52	1.34	74.0	20.48	Peak	196.00	100	Horizontal	Pass
6**	12579.713	43.78	1.34	54.0	10.22	AV	196.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1539.800	41.35	-19.34	74.0	32.65	Peak	166.00	300	Vertical	Pass
1**	1539.800	33.09	-19.34	54.0	20.91	AV	166.00	300	Vertical	Pass
2	2773.100	43.66	-10.97	74.0	30.34	Peak	272.00	300	Vertical	Pass
2**	2773.100	34.67	-10.97	54.0	19.33	AV	272.00	300	Vertical	Pass
3	3993.500	52.63	-7.46	74.0	21.37	Peak	242.00	200	Vertical	Pass
3**	3993.500	38.02	-7.46	54.0	15.98	AV	242.00	200	Vertical	Pass
4	5318.250	107.65	-5.09	--	--	Peak	85.00	300	Vertical	N/A
4**	5318.250	99.95	-5.09	--	--	AV	85.00	300	Vertical	N/A
5	5990.250	61.05	-5.21	68.2	7.15	Peak	261.00	150	Vertical	Pass
5**	5990.250	47.43	-5.21	--	--	AV	261.00	150	Vertical	N/A
6	12252.200	52.71	0.38	74.0	21.29	Peak	188.00	400	Vertical	Pass
6**	12252.200	43.11	0.38	54.0	10.89	AV	188.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.000	41.12	-19.67	74.0	32.88	Peak	124.00	300	Horizontal	Pass
1**	1531.000	30.23	-19.67	54.0	23.77	AV	124.00	300	Horizontal	Pass
2	2776.900	44.03	-10.38	74.0	29.97	Peak	113.00	200	Horizontal	Pass
2**	2776.900	35.30	-10.38	54.0	18.70	AV	113.00	200	Horizontal	Pass
3	3993.750	48.49	-7.47	74.0	25.51	Peak	212.00	150	Horizontal	Pass
3**	3993.750	36.34	-7.47	54.0	17.66	AV	212.00	150	Horizontal	Pass
4	5262.250	107.56	-4.91	--	--	Peak	79.00	400	Horizontal	N/A
4**	5262.250	101.07	-4.91	--	--	AV	79.00	400	Horizontal	N/A
5	7359.000	53.65	-0.68	74.0	20.35	Peak	287.00	150	Horizontal	Pass
5**	7359.000	44.00	-0.68	54.0	10.00	AV	287.00	150	Horizontal	Pass
6	12368.338	52.60	0.58	74.0	21.40	Peak	233.00	400	Horizontal	Pass
6**	12368.338	43.22	0.58	54.0	10.78	AV	233.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1539.900	41.36	-19.22	74.0	32.64	Peak	283.00	200	Vertical	Pass
1**	1539.900	33.44	-19.22	54.0	20.56	AV	283.00	200	Vertical	Pass
2	2776.900	43.73	-10.38	74.0	30.27	Peak	51.00	100	Vertical	Pass
2**	2776.900	35.10	-10.38	54.0	18.90	AV	51.00	100	Vertical	Pass
3	3994.000	55.53	-7.53	74.0	18.47	Peak	229.00	150	Vertical	Pass
3**	3994.000	42.71	-7.53	54.0	11.29	AV	229.00	150	Vertical	Pass
4	5261.250	106.49	-5.07	--	--	Peak	94.00	200	Vertical	N/A
4**	5261.250	99.30	-5.07	--	--	AV	94.00	200	Vertical	N/A
5	5990.500	61.39	-5.16	68.2	6.81	Peak	191.00	150	Vertical	Pass
5**	5990.500	50.79	-5.16	--	--	AV	191.00	150	Vertical	N/A
6	12635.050	52.16	0.85	74.0	21.84	Peak	20.00	200	Vertical	Pass
6**	12635.050	42.63	0.85	54.0	11.37	AV	20.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.200	41.75	-19.75	74.0	32.25	Peak	255.00	100	Horizontal	Pass
1**	1545.200	32.21	-19.75	54.0	21.79	AV	255.00	100	Horizontal	Pass
2	2783.300	43.43	-9.74	74.0	30.57	Peak	0.00	100	Horizontal	Pass
2**	2783.300	35.30	-9.74	54.0	18.70	AV	0.00	100	Horizontal	Pass
3	4356.500	46.84	-6.27	74.0	27.16	Peak	0.00	200	Horizontal	Pass
3**	4356.500	38.44	-6.27	54.0	15.56	AV	0.00	200	Horizontal	Pass
4	5298.000	107.27	-5.00	--	--	Peak	87.00	300	Horizontal	N/A
4**	5298.000	100.64	-5.00	--	--	AV	87.00	300	Horizontal	N/A
5	7326.750	52.82	-1.51	74.0	21.18	Peak	87.00	100	Horizontal	Pass
5**	7326.750	43.12	-1.51	54.0	10.88	AV	87.00	100	Horizontal	Pass
6	12272.388	53.31	0.49	74.0	20.69	Peak	76.00	200	Horizontal	Pass
6**	12272.388	43.22	0.49	54.0	10.78	AV	76.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.700	41.52	-20.01	74.0	32.48	Peak	284.00	400	Vertical	Pass
1**	1542.700	31.05	-20.01	54.0	22.95	AV	284.00	400	Vertical	Pass
2	2817.300	43.29	-12.05	74.0	30.71	Peak	248.00	200	Vertical	Pass
2**	2817.300	33.91	-12.05	54.0	20.09	AV	248.00	200	Vertical	Pass
3	3993.750	55.42	-7.47	74.0	18.58	Peak	226.00	200	Vertical	Pass
3**	3993.750	45.23	-7.47	54.0	8.77	AV	226.00	200	Vertical	Pass
4	5303.250	106.95	-5.34	--	--	Peak	91.00	400	Vertical	N/A
4**	5303.250	99.09	-5.34	--	--	AV	91.00	400	Vertical	N/A
5	5990.750	61.78	-4.93	68.2	6.42	Peak	111.00	150	Vertical	Pass
5**	5990.750	50.41	-4.93	--	--	AV	111.00	150	Vertical	N/A
6	12461.200	53.31	0.80	74.0	20.69	Peak	172.00	100	Vertical	Pass
6**	12461.200	43.17	0.80	54.0	10.83	AV	172.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.000	41.05	-19.67	74.0	32.95	Peak	129.00	300	Horizontal	Pass
1**	1527.000	30.21	-19.67	54.0	23.79	AV	129.00	300	Horizontal	Pass
2	2786.800	43.51	-10.12	74.0	30.49	Peak	279.00	300	Horizontal	Pass
2**	2786.800	34.85	-10.12	54.0	19.15	AV	279.00	300	Horizontal	Pass
3	3993.750	47.42	-7.47	74.0	26.58	Peak	213.00	100	Horizontal	Pass
3**	3993.750	36.14	-7.47	54.0	17.86	AV	213.00	100	Horizontal	Pass
4	5315.250	107.94	-5.09	--	--	Peak	82.00	200	Horizontal	N/A
4**	5315.250	99.99	-5.09	--	--	AV	82.00	200	Horizontal	N/A
5	7608.750	53.17	-0.29	74.0	20.83	Peak	25.00	200	Horizontal	Pass
5**	7608.750	44.08	-0.29	54.0	9.92	AV	25.00	200	Horizontal	Pass
6	12578.763	53.69	1.35	74.0	20.31	Peak	66.00	200	Horizontal	Pass
6**	12578.763	43.76	1.35	54.0	10.24	AV	66.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.600	41.02	-19.37	74.0	32.98	Peak	289.00	300	Vertical	Pass
1**	1531.600	30.54	-19.37	54.0	23.46	AV	289.00	300	Vertical	Pass
2	2787.400	44.02	-10.46	74.0	29.98	Peak	280.00	200	Vertical	Pass
2**	2787.400	34.69	-10.46	54.0	19.31	AV	280.00	200	Vertical	Pass
3	3994.000	55.93	-7.53	74.0	18.07	Peak	231.00	200	Vertical	Pass
3**	3994.000	45.48	-7.53	54.0	8.52	AV	231.00	200	Vertical	Pass
4	5316.000	107.56	-5.15	--	--	Peak	100.00	100	Vertical	N/A
4**	5316.000	100.32	-5.15	--	--	AV	100.00	100	Vertical	N/A
5	7582.750	53.24	0.29	74.0	20.76	Peak	137.00	100	Vertical	Pass
5**	7582.750	44.19	0.29	54.0	9.81	AV	137.00	100	Vertical	Pass
6	12675.188	53.36	0.62	74.0	20.64	Peak	154.00	300	Vertical	Pass
6**	12675.188	42.47	0.62	54.0	11.53	AV	154.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1392.200	38.64	-19.83	74.0	35.36	Peak	77.00	400	Horizontal	Pass
1**	1392.200	27.89	-19.83	54.0	26.11	AV	77.00	400	Horizontal	Pass
2	2783.000	43.58	-9.46	74.0	30.42	Peak	184.00	400	Horizontal	Pass
2**	2783.000	35.47	-9.46	54.0	18.53	AV	184.00	400	Horizontal	Pass
3	3993.500	48.45	-7.46	74.0	25.55	Peak	213.00	100	Horizontal	Pass
3**	3993.500	36.34	-7.46	54.0	17.66	AV	213.00	100	Horizontal	Pass
4	5282.500	105.98	-4.54	--	--	Peak	83.00	100	Horizontal	N/A
4**	5282.500	97.53	-4.54	--	--	AV	83.00	100	Horizontal	N/A
5	5990.750	61.49	-4.93	68.2	6.71	Peak	102.00	100	Horizontal	Pass
5**	5990.750	50.75	-4.93	--	--	AV	102.00	100	Horizontal	N/A
6	12586.599	53.09	1.27	74.0	20.91	Peak	267.00	400	Horizontal	Pass
6**	12586.599	43.33	1.27	54.0	10.67	AV	267.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.200	38.62	-19.76	74.0	35.38	Peak	301.00	300	Vertical	Pass
1**	1543.200	29.79	-19.76	54.0	24.21	AV	301.00	300	Vertical	Pass
2	2783.100	43.68	-9.34	74.0	30.32	Peak	156.00	400	Vertical	Pass
2**	2783.100	35.44	-9.34	54.0	18.56	AV	156.00	400	Vertical	Pass
3	3993.500	47.43	-7.46	74.0	26.57	Peak	308.00	200	Vertical	Pass
3**	3993.500	36.35	-7.46	54.0	17.65	AV	308.00	200	Vertical	Pass
4	5278.750	104.88	-4.27	--	--	Peak	102.00	400	Vertical	N/A
4**	5278.750	96.61	-4.27	--	--	AV	102.00	400	Vertical	N/A
5	5990.250	65.41	-5.21	68.2	2.79	Peak	232.00	200	Vertical	Pass
5**	5990.250	48.09	-5.21	--	--	AV	232.00	200	Vertical	N/A
6	12578.050	52.72	1.35	74.0	21.28	Peak	341.00	300	Vertical	Pass
6**	12578.050	43.57	1.35	54.0	10.43	AV	341.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.100	36.42	-19.18	74.0	37.58	Peak	238.00	200	Horizontal	Pass
1**	1529.100	27.18	-19.18	54.0	26.82	AV	238.00	200	Horizontal	Pass
2	2777.200	43.24	-10.26	74.0	30.76	Peak	6.00	300	Horizontal	Pass
2**	2777.200	34.87	-10.26	54.0	19.13	AV	6.00	300	Horizontal	Pass
3	4355.250	46.45	-6.09	74.0	27.55	Peak	0.00	200	Horizontal	Pass
3**	4355.250	38.82	-6.09	54.0	15.18	AV	0.00	200	Horizontal	Pass
4	5299.750	105.68	-5.14	--	--	Peak	89.00	100	Horizontal	N/A
4**	5299.750	97.64	-5.14	--	--	AV	89.00	100	Horizontal	N/A
5	5990.500	59.56	-5.16	68.2	8.64	Peak	108.00	150	Horizontal	Pass
5**	5990.500	43.05	-5.16	--	--	AV	108.00	150	Horizontal	N/A
6	12452.412	53.01	0.87	74.0	20.99	Peak	159.00	400	Horizontal	Pass
6**	12452.412	43.95	0.87	54.0	10.05	AV	159.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.300	38.13	-19.85	74.0	35.87	Peak	188.00	200	Vertical	Pass
1**	1543.300	27.82	-19.85	54.0	26.18	AV	188.00	200	Vertical	Pass
2	2784.900	43.29	-9.85	74.0	30.71	Peak	0.00	400	Vertical	Pass
2**	2784.900	34.75	-9.85	54.0	19.25	AV	0.00	400	Vertical	Pass
3	3994.000	49.92	-7.53	74.0	24.08	Peak	249.00	200	Vertical	Pass
3**	3994.000	36.24	-7.53	54.0	17.76	AV	249.00	200	Vertical	Pass
4	5319.000	104.86	-5.30	--	--	Peak	97.00	200	Vertical	N/A
4**	5319.000	97.26	-5.30	--	--	AV	97.00	200	Vertical	N/A
5	5990.250	64.37	-5.21	68.2	3.83	Peak	230.00	150	Vertical	Pass
5**	5990.250	50.81	-5.21	--	--	AV	230.00	150	Vertical	N/A
6	12272.625	52.94	0.50	74.0	21.06	Peak	314.00	200	Vertical	Pass
6**	12272.625	44.22	0.50	54.0	9.78	AV	314.00	200	Vertical	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1546.300	37.17	-19.79	74.0	36.83	Peak	47.00	100	Horizontal	Pass
1**	1546.300	27.42	-19.79	54.0	26.58	AV	47.00	100	Horizontal	Pass
2	2782.900	43.75	-9.58	74.0	30.25	Peak	30.00	300	Horizontal	Pass
2**	2782.900	35.24	-9.58	54.0	18.76	AV	30.00	300	Horizontal	Pass
3	4343.500	46.73	-5.91	74.0	27.27	Peak	156.00	200	Horizontal	Pass
3**	4343.500	37.95	-5.91	54.0	16.05	AV	156.00	200	Horizontal	Pass
4	5256.750	107.10	-5.22	--	--	Peak	118.00	300	Horizontal	N/A
4**	5256.750	100.91	-5.22	--	--	AV	118.00	300	Horizontal	N/A
5	5991.000	57.60	-4.88	68.2	10.60	Peak	80.00	150	Horizontal	Pass
5**	5991.000	48.22	-4.88	--	--	AV	80.00	150	Horizontal	N/A
6	12449.087	52.75	0.88	74.0	21.25	Peak	26.00	100	Horizontal	Pass
6**	12449.087	42.88	0.88	54.0	11.12	AV	26.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.600	37.85	-19.59	74.0	36.15	Peak	191.00	300	Vertical	Pass
1**	1540.600	27.70	-19.59	54.0	26.30	AV	191.00	300	Vertical	Pass
2	2781.300	43.52	-10.99	74.0	30.48	Peak	23.00	200	Vertical	Pass
2**	2781.300	34.21	-10.99	54.0	19.79	AV	23.00	200	Vertical	Pass
3	3993.500	51.47	-7.46	74.0	22.53	Peak	172.00	100	Vertical	Pass
3**	3993.500	35.83	-7.46	54.0	18.17	AV	172.00	100	Vertical	Pass
4	5263.000	105.93	-5.13	--	--	Peak	94.00	100	Vertical	N/A
4**	5263.000	99.25	-5.13	--	--	AV	94.00	100	Vertical	N/A
5	5990.500	62.12	-5.16	68.2	6.08	Peak	325.00	100	Vertical	Pass
5**	5990.500	50.70	-5.16	--	--	AV	325.00	100	Vertical	N/A
6	12579.474	52.71	1.34	74.0	21.29	Peak	185.00	400	Vertical	Pass
6**	12579.474	43.34	1.34	54.0	10.66	AV	185.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.100	36.85	-19.36	74.0	37.15	Peak	323.00	300	Horizontal	Pass
1**	1532.100	27.66	-19.36	54.0	26.34	AV	323.00	300	Horizontal	Pass
2	2789.200	43.33	-10.57	74.0	30.67	Peak	340.00	400	Horizontal	Pass
2**	2789.200	34.23	-10.57	54.0	19.77	AV	340.00	400	Horizontal	Pass
3	3993.500	47.81	-7.46	74.0	26.19	Peak	217.00	150	Horizontal	Pass
3**	3993.500	35.86	-7.46	54.0	18.14	AV	217.00	150	Horizontal	Pass
4	5295.750	107.60	-4.98	--	--	Peak	86.00	300	Horizontal	N/A
4**	5295.750	100.14	-4.98	--	--	AV	86.00	300	Horizontal	N/A
5	5990.250	58.27	-5.21	68.2	9.93	Peak	291.00	150	Horizontal	Pass
5**	5990.250	45.25	-5.21	--	--	AV	291.00	150	Horizontal	N/A
6	12546.938	52.83	1.54	74.0	21.17	Peak	315.00	300	Horizontal	Pass
6**	12546.938	43.09	1.54	54.0	10.91	AV	315.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.400	37.65	-19.31	74.0	36.35	Peak	192.00	300	Vertical	Pass
1**	1544.400	30.01	-19.31	54.0	23.99	AV	192.00	300	Vertical	Pass
2	2783.900	43.66	-10.19	74.0	30.34	Peak	85.00	400	Vertical	Pass
2**	2783.900	34.88	-10.19	54.0	19.12	AV	85.00	400	Vertical	Pass
3	3993.500	53.46	-7.46	74.0	20.54	Peak	180.00	100	Vertical	Pass
3**	3993.500	39.47	-7.46	54.0	14.53	AV	180.00	100	Vertical	Pass
4	5302.750	106.87	-5.17	--	--	Peak	107.00	400	Vertical	N/A
4**	5302.750	99.39	-5.17	--	--	AV	107.00	400	Vertical	N/A
5	5990.250	65.89	-5.21	68.2	2.31	Peak	235.00	100	Vertical	Pass
5**	5990.250	50.10	-5.21	--	--	AV	235.00	100	Vertical	N/A
6	12301.600	52.48	0.66	74.0	21.52	Peak	171.00	400	Vertical	Pass
6**	12301.600	43.47	0.66	54.0	10.53	AV	171.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.100	36.62	-19.26	74.0	37.38	Peak	132.00	100	Horizontal	Pass
1**	1544.100	27.92	-19.26	54.0	26.08	AV	132.00	100	Horizontal	Pass
2	2778.000	43.53	-11.13	74.0	30.47	Peak	325.00	200	Horizontal	Pass
2**	2778.000	34.02	-11.13	54.0	19.98	AV	325.00	200	Horizontal	Pass
3	4339.500	46.66	-5.47	74.0	27.34	Peak	125.00	150	Horizontal	Pass
3**	4339.500	39.19	-5.47	54.0	14.81	AV	125.00	150	Horizontal	Pass
4	5316.500	108.56	-5.16	--	--	Peak	107.00	200	Horizontal	N/A
4**	5316.500	99.77	-5.16	--	--	AV	107.00	200	Horizontal	N/A
5	5990.500	59.35	-5.16	68.2	8.85	Peak	89.00	150	Horizontal	Pass
5**	5990.500	44.84	-5.16	--	--	AV	89.00	150	Horizontal	N/A
6	12366.913	53.00	0.59	74.0	21.00	Peak	347.00	400	Horizontal	Pass
6**	12366.913	43.69	0.59	54.0	10.31	AV	347.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.900	37.86	-19.10	74.0	36.14	Peak	183.00	300	Vertical	Pass
1**	1540.900	29.25	-19.10	54.0	24.75	AV	183.00	300	Vertical	Pass
2	2782.600	44.47	-9.86	74.0	29.53	Peak	165.00	300	Vertical	Pass
2**	2782.600	35.29	-9.86	54.0	18.71	AV	165.00	300	Vertical	Pass
3	3993.250	52.35	-7.62	74.0	21.65	Peak	180.00	200	Vertical	Pass
3**	3993.250	41.56	-7.62	54.0	12.44	AV	180.00	200	Vertical	Pass
4	5317.000	107.36	-4.97	--	--	Peak	88.00	400	Vertical	N/A
4**	5317.000	99.35	-4.97	--	--	AV	88.00	400	Vertical	N/A
5	5990.250	63.79	-5.21	68.2	4.41	Peak	235.00	150	Vertical	Pass
5**	5990.250	48.71	-5.21	--	--	AV	235.00	150	Vertical	N/A
6	12579.000	52.85	1.34	74.0	21.15	Peak	345.00	400	Vertical	Pass
6**	12579.000	43.41	1.34	54.0	10.59	AV	345.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.100	37.40	-19.67	74.0	36.60	Peak	120.00	300	Horizontal	Pass
1**	1543.100	27.72	-19.67	54.0	26.28	AV	120.00	300	Horizontal	Pass
2	2782.400	43.51	-9.91	74.0	30.49	Peak	0.00	400	Horizontal	Pass
2**	2782.400	35.02	-9.91	54.0	18.98	AV	0.00	400	Horizontal	Pass
3	4342.500	47.04	-5.70	74.0	26.96	Peak	273.00	200	Horizontal	Pass
3**	4342.500	38.88	-5.70	54.0	15.12	AV	273.00	200	Horizontal	Pass
4	5274.000	105.72	-4.29	--	--	Peak	88.00	100	Horizontal	N/A
4**	5274.000	97.43	-4.29	--	--	AV	88.00	100	Horizontal	N/A
5	7579.000	52.42	0.18	74.0	21.58	Peak	0.00	150	Horizontal	Pass
5**	7579.000	44.56	0.18	54.0	9.44	AV	0.00	150	Horizontal	Pass
6	12574.725	52.76	1.38	74.0	21.24	Peak	218.00	300	Horizontal	Pass
6**	12574.725	43.96	1.38	54.0	10.04	AV	218.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.600	37.19	-19.73	74.0	36.81	Peak	190.00	300	Vertical	Pass
1**	1543.600	27.43	-19.73	54.0	26.57	AV	190.00	300	Vertical	Pass
2	2784.700	43.72	-9.94	74.0	30.28	Peak	128.00	200	Vertical	Pass
2**	2784.700	34.69	-9.94	54.0	19.31	AV	128.00	200	Vertical	Pass
3	4355.500	46.54	-5.92	74.0	27.46	Peak	360.00	200	Vertical	Pass
3**	4355.500	38.69	-5.92	54.0	15.31	AV	360.00	200	Vertical	Pass
4	5277.750	105.28	-4.14	--	--	Peak	98.00	100	Vertical	N/A
4**	5277.750	97.09	-4.14	--	--	AV	98.00	100	Vertical	N/A
5	5990.250	64.45	-5.21	68.2	3.75	Peak	0.00	150	Vertical	Pass
5**	5990.250	50.87	-5.21	--	--	AV	0.00	150	Vertical	N/A
6	12423.437	53.67	0.58	74.0	20.33	Peak	56.00	400	Vertical	Pass
6**	12423.437	42.88	0.58	54.0	11.12	AV	56.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.000	36.56	-19.40	74.0	37.44	Peak	101.00	400	Horizontal	Pass
1**	1533.000	27.26	-19.40	54.0	26.74	AV	101.00	400	Horizontal	Pass
2	2783.600	43.65	-10.20	74.0	30.35	Peak	37.00	100	Horizontal	Pass
2**	2783.600	35.06	-10.20	54.0	18.94	AV	37.00	100	Horizontal	Pass
3	4342.250	47.25	-5.69	74.0	26.75	Peak	144.00	200	Horizontal	Pass
3**	4342.250	38.03	-5.69	54.0	15.97	AV	144.00	200	Horizontal	Pass
4	5313.000	105.82	-5.08	--	--	Peak	90.00	300	Horizontal	N/A
4**	5313.000	98.65	-5.08	--	--	AV	90.00	300	Horizontal	N/A
5	5990.500	61.98	-5.16	68.2	6.22	Peak	109.00	150	Horizontal	Pass
5**	5990.500	52.09	-5.16	--	--	AV	109.00	150	Horizontal	N/A
6	12275.474	52.74	0.51	74.0	21.26	Peak	183.00	100	Horizontal	Pass
6**	12275.474	42.78	0.51	54.0	11.22	AV	183.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.600	37.44	-19.56	74.0	36.56	Peak	190.00	400	Vertical	Pass
1**	1544.600	27.96	-19.56	54.0	26.04	AV	190.00	400	Vertical	Pass
2	2790.000	44.39	-10.86	74.0	29.61	Peak	297.00	400	Vertical	Pass
2**	2790.000	34.61	-10.86	54.0	19.39	AV	297.00	400	Vertical	Pass
3	3993.500	54.76	-7.46	74.0	19.24	Peak	174.00	200	Vertical	Pass
3**	3993.500	36.26	-7.46	54.0	17.74	AV	174.00	200	Vertical	Pass
4	5322.000	105.17	-5.32	--	--	Peak	100.00	100	Vertical	N/A
4**	5322.000	96.70	-5.32	--	--	AV	100.00	100	Vertical	N/A
5	5990.750	62.76	-4.93	68.2	5.44	Peak	0.00	150	Vertical	Pass
5**	5990.750	53.09	-4.93	--	--	AV	0.00	150	Vertical	N/A
6	12585.888	52.83	1.28	74.0	21.17	Peak	82.00	100	Vertical	Pass
6**	12585.888	43.24	1.28	54.0	10.76	AV	82.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1400.600	38.42	-19.38	74.0	35.58	Peak	43.00	150	Horizontal	Pass
1**	1400.600	29.90	-19.38	54.0	24.10	AV	43.00	150	Horizontal	Pass
2	2787.100	43.43	-10.33	74.0	30.57	Peak	176.00	100	Horizontal	Pass
2**	2787.100	34.42	-10.33	54.0	19.58	AV	176.00	100	Horizontal	Pass
3	3994.000	47.21	-7.53	74.0	26.79	Peak	228.00	200	Horizontal	Pass
3**	3994.000	35.59	-7.53	54.0	18.41	AV	228.00	200	Horizontal	Pass
4	5314.000	101.62	-5.33	--	--	Peak	115.00	200	Horizontal	N/A
4**	5314.000	93.93	-5.33	--	--	AV	115.00	200	Horizontal	N/A
5	7327.250	52.60	-1.39	74.0	21.40	Peak	325.00	150	Horizontal	Pass
5**	7327.250	43.64	-1.39	54.0	10.36	AV	325.00	150	Horizontal	Pass
6	12678.038	52.80	0.60	74.0	21.20	Peak	134.00	300	Horizontal	Pass
6**	12678.038	42.20	0.60	54.0	11.80	AV	134.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.100	38.24	-19.21	74.0	35.76	Peak	199.00	300	Vertical	Pass
1**	1540.100	28.68	-19.21	54.0	25.32	AV	199.00	300	Vertical	Pass
2	2783.000	42.99	-9.46	74.0	31.01	Peak	252.00	300	Vertical	Pass
2**	2783.000	35.30	-9.46	54.0	18.70	AV	252.00	300	Vertical	Pass
3	3993.750	54.37	-7.47	74.0	19.63	Peak	234.00	200	Vertical	Pass
3**	3993.750	38.39	-7.47	54.0	15.61	AV	234.00	200	Vertical	Pass
4	5275.000	100.27	-4.32	--	--	Peak	86.00	100	Vertical	N/A
4**	5275.000	91.53	-4.32	--	--	AV	86.00	100	Vertical	N/A
5	5990.500	65.86	-5.16	68.2	2.34	Peak	234.00	150	Vertical	Pass
5**	5990.500	53.41	-5.16	--	--	AV	234.00	150	Vertical	N/A
6	12415.838	52.47	0.49	74.0	21.53	Peak	66.00	400	Vertical	Pass
6**	12415.838	42.15	0.49	54.0	11.85	AV	66.00	400	Vertical	Pass

## 11x20 (SU), U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1537.800	36.25	-19.32	74.0	37.75	Peak	86.00	200	Horizontal	Pass
1**	1537.800	27.07	-19.32	54.0	26.93	AV	86.00	200	Horizontal	Pass
2	2777.400	43.16	-10.15	74.0	30.84	Peak	360.00	300	Horizontal	Pass
2**	2777.400	34.67	-10.15	54.0	19.33	AV	360.00	300	Horizontal	Pass
3	3994.000	46.55	-7.53	74.0	27.45	Peak	236.00	150	Horizontal	Pass
3**	3994.000	36.09	-7.53	54.0	17.91	AV	236.00	150	Horizontal	Pass
4	5263.250	107.63	-5.13	--	--	Peak	88.00	300	Horizontal	N/A
4**	5263.250	99.79	-5.13	--	--	AV	88.00	300	Horizontal	N/A
5	5990.750	62.20	-4.93	68.2	6.00	Peak	106.00	150	Horizontal	Pass
5**	5990.750	45.73	-4.93	--	--	AV	106.00	150	Horizontal	N/A
6	12559.526	52.81	1.52	74.0	21.19	Peak	320.00	300	Horizontal	Pass
6**	12559.526	42.33	1.52	54.0	11.67	AV	320.00	300	Horizontal	Pass

## 11x20 (SU), U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.700	37.02	-19.31	74.0	36.98	Peak	340.00	300	Vertical	Pass
1**	1531.700	27.70	-19.31	54.0	26.30	AV	340.00	300	Vertical	Pass
2	2838.900	43.26	-11.59	74.0	30.74	Peak	14.00	200	Vertical	Pass
2**	2838.900	34.61	-11.59	54.0	19.39	AV	14.00	200	Vertical	Pass
3	3994.000	52.38	-7.53	74.0	21.62	Peak	171.00	150	Vertical	Pass
3**	3994.000	38.54	-7.53	54.0	15.46	AV	171.00	150	Vertical	Pass
4	5256.750	106.75	-5.22	--	--	Peak	93.00	200	Vertical	N/A
4**	5256.750	98.09	-5.22	--	--	AV	93.00	200	Vertical	N/A
5	5990.500	63.52	-5.16	68.2	4.68	Peak	0.00	150	Vertical	Pass
5**	5990.500	50.16	-5.16	--	--	AV	0.00	150	Vertical	N/A
6	12604.174	52.47	1.12	74.0	21.53	Peak	307.00	400	Vertical	Pass
6**	12604.174	42.79	1.12	54.0	11.21	AV	307.00	400	Vertical	Pass

## 11x20 (SU), U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.900	37.90	-19.43	74.0	36.10	Peak	161.00	100	Horizontal	Pass
1**	1525.900	27.39	-19.43	54.0	26.61	AV	161.00	100	Horizontal	Pass
2	2788.900	43.47	-10.21	74.0	30.53	Peak	72.00	200	Horizontal	Pass
2**	2788.900	34.93	-10.21	54.0	19.07	AV	72.00	200	Horizontal	Pass
3	4340.000	46.68	-5.68	74.0	27.32	Peak	56.00	100	Horizontal	Pass
3**	4340.000	38.66	-5.68	54.0	15.34	AV	56.00	100	Horizontal	Pass
4	5303.500	108.59	-5.27	--	--	Peak	75.00	300	Horizontal	N/A
4**	5303.500	99.60	-5.27	--	--	AV	75.00	300	Horizontal	N/A
5	7394.250	53.04	-1.26	74.0	20.96	Peak	360.00	150	Horizontal	Pass
5**	7394.250	43.10	-1.26	54.0	10.90	AV	360.00	150	Horizontal	Pass
6	12415.838	52.84	0.49	74.0	21.16	Peak	360.00	200	Horizontal	Pass
6**	12415.838	42.81	0.49	54.0	11.19	AV	360.00	200	Horizontal	Pass

## 11x20 (SU), U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.400	38.10	-19.94	74.0	35.90	Peak	192.00	100	Vertical	Pass
1**	1543.400	29.86	-19.94	54.0	24.14	AV	192.00	100	Vertical	Pass
2	2787.400	43.81	-10.46	74.0	30.19	Peak	271.00	400	Vertical	Pass
2**	2787.400	34.49	-10.46	54.0	19.51	AV	271.00	400	Vertical	Pass
3	3993.750	52.01	-7.47	74.0	21.99	Peak	248.00	100	Vertical	Pass
3**	3993.750	42.22	-7.47	54.0	11.78	AV	248.00	100	Vertical	Pass
4	5304.250	105.95	-5.03	--	--	Peak	98.00	100	Vertical	N/A
4**	5304.250	98.64	-5.03	--	--	AV	98.00	100	Vertical	N/A
5	5990.500	63.18	-5.16	68.2	5.02	Peak	229.00	150	Vertical	Pass
5**	5990.500	50.56	-5.16	--	--	AV	229.00	150	Vertical	N/A
6	12394.700	52.77	0.35	74.0	21.23	Peak	219.00	100	Vertical	Pass
6**	12394.700	42.87	0.35	54.0	11.13	AV	219.00	100	Vertical	Pass



## 11x20 (SU), U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.800	37.44	-19.08	74.0	36.56	Peak	129.00	200	Horizontal	Pass
1**	1511.800	27.35	-19.08	54.0	26.65	AV	129.00	200	Horizontal	Pass
2	2783.100	43.51	-9.34	74.0	30.49	Peak	271.00	200	Horizontal	Pass
2**	2783.100	35.20	-9.34	54.0	18.80	AV	271.00	200	Horizontal	Pass
3	4337.500	47.45	-5.68	74.0	26.55	Peak	0.00	200	Horizontal	Pass
3**	4337.500	37.84	-5.68	54.0	16.16	AV	0.00	200	Horizontal	Pass
4	5323.250	107.79	-5.14	--	--	Peak	79.00	100	Horizontal	N/A
4**	5323.250	99.93	-5.14	--	--	AV	79.00	100	Horizontal	N/A
5	7376.500	52.40	-1.74	74.0	21.60	Peak	247.00	100	Horizontal	Pass
5**	7376.500	42.99	-1.74	54.0	11.01	AV	247.00	100	Horizontal	Pass
6	12640.037	53.39	0.81	74.0	20.61	Peak	119.00	400	Horizontal	Pass
6**	12640.037	43.13	0.81	54.0	10.87	AV	119.00	400	Horizontal	Pass

## 11x20 (SU), U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.600	36.90	-19.73	74.0	37.10	Peak	279.00	100	Vertical	Pass
1**	1543.600	28.26	-19.73	54.0	25.74	AV	279.00	100	Vertical	Pass
2	2789.000	43.48	-10.18	74.0	30.52	Peak	145.00	400	Vertical	Pass
2**	2789.000	34.92	-10.18	54.0	19.08	AV	145.00	400	Vertical	Pass
3	3994.000	51.42	-7.53	74.0	22.58	Peak	188.00	200	Vertical	Pass
3**	3994.000	36.08	-7.53	54.0	17.92	AV	188.00	200	Vertical	Pass
4	5323.500	107.74	-5.18	--	--	Peak	96.00	400	Vertical	N/A
4**	5323.500	100.80	-5.18	--	--	AV	96.00	400	Vertical	N/A
5	5990.500	64.28	-5.16	68.2	3.92	Peak	188.00	150	Vertical	Pass
5**	5990.500	49.90	-5.16	--	--	AV	188.00	150	Vertical	N/A
6	12451.463	53.29	0.88	74.0	20.71	Peak	211.00	200	Vertical	Pass
6**	12451.463	44.36	0.88	54.0	9.64	AV	211.00	200	Vertical	Pass

## 11ax40 (SU), U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1537.900	36.59	-19.26	74.0	37.41	Peak	172.00	400	Horizontal	Pass
1**	1537.900	27.74	-19.26	54.0	26.26	AV	172.00	400	Horizontal	Pass
2	2777.500	43.75	-10.10	74.0	30.25	Peak	85.00	400	Horizontal	Pass
2**	2777.500	34.90	-10.10	54.0	19.10	AV	85.00	400	Horizontal	Pass
3	4344.500	46.32	-5.33	74.0	27.68	Peak	346.00	200	Horizontal	Pass
3**	4344.500	39.41	-5.33	54.0	14.59	AV	346.00	200	Horizontal	Pass
4	5260.000	106.90	-5.21	--	--	Peak	88.00	100	Horizontal	N/A
4**	5260.000	97.93	-5.21	--	--	AV	88.00	100	Horizontal	N/A
5	7583.750	52.84	-0.21	74.0	21.16	Peak	30.00	200	Horizontal	Pass
5**	7583.750	44.74	-0.21	54.0	9.26	AV	30.00	200	Horizontal	Pass
6	12424.388	53.02	0.59	74.0	20.98	Peak	2.00	400	Horizontal	Pass
6**	12424.388	43.61	0.59	54.0	10.39	AV	2.00	400	Horizontal	Pass

## 11ax40 (SU), U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.500	37.91	-19.86	74.0	36.09	Peak	185.00	400	Vertical	Pass
1**	1543.500	27.91	-19.86	54.0	26.09	AV	185.00	400	Vertical	Pass
2	2783.000	43.74	-9.46	74.0	30.26	Peak	185.00	300	Vertical	Pass
2**	2783.000	35.49	-9.46	54.0	18.51	AV	185.00	300	Vertical	Pass
3	3993.000	48.78	-7.83	74.0	25.22	Peak	246.00	150	Vertical	Pass
3**	3993.000	36.01	-7.83	54.0	17.99	AV	246.00	150	Vertical	Pass
4	5272.000	106.59	-4.38	--	--	Peak	93.00	300	Vertical	N/A
4**	5272.000	96.87	-4.38	--	--	AV	93.00	300	Vertical	N/A
5	5990.500	64.86	-5.16	68.2	3.34	Peak	112.00	150	Vertical	Pass
5**	5990.500	50.19	-5.16	--	--	AV	112.00	150	Vertical	N/A
6	12345.538	52.44	0.73	74.0	21.56	Peak	12.00	200	Vertical	Pass
6**	12345.538	42.46	0.73	54.0	11.54	AV	12.00	200	Vertical	Pass

## 11ax40 (SU), U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.100	37.06	-19.36	74.0	36.94	Peak	22.00	300	Horizontal	Pass
1**	1532.100	27.96	-19.36	54.0	26.04	AV	22.00	300	Horizontal	Pass
2	2788.300	44.42	-10.64	74.0	29.58	Peak	155.00	200	Horizontal	Pass
2**	2788.300	34.00	-10.64	54.0	20.00	AV	155.00	200	Horizontal	Pass
3	4331.250	46.68	-5.50	74.0	27.32	Peak	248.00	150	Horizontal	Pass
3**	4331.250	38.02	-5.50	54.0	15.98	AV	248.00	150	Horizontal	Pass
4	5318.750	107.13	-5.37	--	--	Peak	114.00	100	Horizontal	N/A
4**	5318.750	98.47	-5.37	--	--	AV	114.00	100	Horizontal	N/A
5	7368.750	53.81	-0.60	74.0	20.19	Peak	0.00	150	Horizontal	Pass
5**	7368.750	43.94	-0.60	54.0	10.06	AV	0.00	150	Horizontal	Pass
6	12583.987	52.65	1.30	74.0	21.35	Peak	224.00	300	Horizontal	Pass
6**	12583.987	43.14	1.30	54.0	10.86	AV	224.00	300	Horizontal	Pass

## 11ax40 (SU), U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.100	37.14	-19.51	74.0	36.86	Peak	201.00	100	Vertical	Pass
1**	1541.100	28.68	-19.51	54.0	25.32	AV	201.00	100	Vertical	Pass
2	2783.200	43.47	-9.54	74.0	30.53	Peak	130.00	300	Vertical	Pass
2**	2783.200	35.23	-9.54	54.0	18.77	AV	130.00	300	Vertical	Pass
3	3993.500	55.87	-7.46	74.0	18.13	Peak	234.00	150	Vertical	Pass
3**	3993.500	45.10	-7.46	54.0	8.90	AV	234.00	150	Vertical	Pass
4	5319.500	104.91	-5.28	--	--	Peak	106.00	100	Vertical	N/A
4**	5319.500	97.17	-5.28	--	--	AV	106.00	100	Vertical	N/A
5	5990.500	62.75	-5.16	68.2	5.45	Peak	179.00	150	Vertical	Pass
5**	5990.500	52.11	-5.16	--	--	AV	179.00	150	Vertical	N/A
6	12331.525	52.79	0.71	74.0	21.21	Peak	194.00	400	Vertical	Pass
6**	12331.525	43.49	0.71	54.0	10.51	AV	194.00	400	Vertical	Pass

## 11x80 (SU), U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.300	36.60	-19.28	74.0	37.40	Peak	185.00	100	Horizontal	Pass
1**	1518.300	27.22	-19.28	54.0	26.78	AV	185.00	100	Horizontal	Pass
2	2783.800	44.07	-10.19	74.0	29.93	Peak	238.00	400	Horizontal	Pass
2**	2783.800	34.91	-10.19	54.0	19.09	AV	238.00	400	Horizontal	Pass
3	4349.250	46.62	-5.42	74.0	27.38	Peak	64.00	150	Horizontal	Pass
3**	4349.250	37.87	-5.42	54.0	16.13	AV	64.00	150	Horizontal	Pass
4	5299.250	102.82	-5.38	--	--	Peak	83.00	400	Horizontal	N/A
4**	5299.250	93.49	-5.38	--	--	AV	83.00	400	Horizontal	N/A
5	5990.500	59.46	-5.16	68.2	8.74	Peak	101.00	150	Horizontal	Pass
5**	5990.500	43.67	-5.16	--	--	AV	101.00	150	Horizontal	N/A
6	12307.775	53.01	0.67	74.0	20.99	Peak	274.00	100	Horizontal	Pass
6**	12307.775	43.81	0.67	54.0	10.19	AV	274.00	100	Horizontal	Pass

## 11x80 (SU), U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.000	38.08	-19.09	74.0	35.92	Peak	201.00	200	Vertical	Pass
1**	1540.000	28.63	-19.09	54.0	25.37	AV	201.00	200	Vertical	Pass
2	2786.000	43.43	-10.07	74.0	30.57	Peak	60.00	300	Vertical	Pass
2**	2786.000	34.81	-10.07	54.0	19.19	AV	60.00	300	Vertical	Pass
3	4306.000	46.71	-5.87	74.0	27.29	Peak	108.00	200	Vertical	Pass
3**	4306.000	36.75	-5.87	54.0	17.25	AV	108.00	200	Vertical	Pass
4	5312.000	101.41	-5.13	--	--	Peak	89.00	100	Vertical	N/A
4**	5312.000	92.09	-5.13	--	--	AV	89.00	100	Vertical	N/A
5	5990.750	62.86	-4.93	68.2	5.34	Peak	180.00	150	Vertical	Pass
5**	5990.750	52.74	-4.93	--	--	AV	180.00	150	Vertical	N/A
6	12340.312	53.34	0.72	74.0	20.66	Peak	263.00	200	Vertical	Pass
6**	12340.312	42.85	0.72	54.0	11.15	AV	263.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.400	37.77	-18.91	74.0	36.23	Peak	155.00	200	Horizontal	Pass
1**	1516.400	27.91	-18.91	54.0	26.09	AV	155.00	200	Horizontal	Pass
2	2783.100	44.45	-9.34	74.0	29.55	Peak	360.00	300	Horizontal	Pass
2**	2783.100	34.96	-9.34	54.0	19.04	AV	360.00	300	Horizontal	Pass
3	4312.500	47.07	-6.38	74.0	26.93	Peak	61.00	200	Horizontal	Pass
3**	4312.500	37.18	-6.38	54.0	16.82	AV	61.00	200	Horizontal	Pass
4	5504.500	109.29	-3.47	--	--	Peak	80.00	400	Horizontal	N/A
4**	5504.500	102.47	-3.47	--	--	AV	80.00	400	Horizontal	N/A
5	5989.750	58.73	-5.05	68.2	9.47	Peak	99.00	150	Horizontal	Pass
5**	5989.750	39.85	-5.05	--	--	AV	99.00	150	Horizontal	N/A
6	12393.275	52.37	0.36	74.0	21.63	Peak	284.00	200	Horizontal	Pass
6**	12393.275	42.90	0.36	54.0	11.10	AV	284.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.700	38.06	-19.76	74.0	35.94	Peak	218.00	200	Vertical	Pass
1**	1545.700	27.56	-19.76	54.0	26.44	AV	218.00	200	Vertical	Pass
2	2783.000	43.30	-9.46	74.0	30.70	Peak	360.00	100	Vertical	Pass
2**	2783.000	35.78	-9.46	54.0	18.22	AV	360.00	100	Vertical	Pass
3	3993.500	51.03	-7.46	74.0	22.97	Peak	248.00	100	Vertical	Pass
3**	3993.500	36.47	-7.46	54.0	17.53	AV	248.00	100	Vertical	Pass
4	5503.500	109.27	-3.61	--	--	Peak	83.00	100	Vertical	N/A
4**	5503.500	102.27	-3.61	--	--	AV	83.00	100	Vertical	N/A
5	5990.500	63.78	-5.16	68.2	4.42	Peak	101.00	150	Vertical	Pass
5**	5990.500	50.26	-5.16	--	--	AV	101.00	150	Vertical	N/A
6	12299.225	52.00	0.65	74.0	22.00	Peak	256.00	100	Vertical	Pass
6**	12299.225	43.42	0.65	54.0	10.58	AV	256.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.600	36.76	-19.59	74.0	37.24	Peak	133.00	200	Horizontal	Pass
1**	1540.600	26.89	-19.59	54.0	27.11	AV	133.00	200	Horizontal	Pass
2	2784.700	43.42	-9.94	74.0	30.58	Peak	330.00	200	Horizontal	Pass
2**	2784.700	34.89	-9.94	54.0	19.11	AV	330.00	200	Horizontal	Pass
3	4335.750	46.81	-6.00	74.0	27.19	Peak	175.00	200	Horizontal	Pass
3**	4335.750	37.73	-6.00	54.0	16.27	AV	175.00	200	Horizontal	Pass
4	5578.750	108.49	-4.67	--	--	Peak	175.00	300	Horizontal	N/A
4**	5578.750	100.60	-4.67	--	--	AV	175.00	300	Horizontal	N/A
5	7698.250	52.69	-1.00	74.0	21.31	Peak	308.00	100	Horizontal	Pass
5**	7698.250	43.68	-1.00	54.0	10.32	AV	308.00	100	Horizontal	Pass
6	12279.037	52.46	0.53	74.0	21.54	Peak	145.00	300	Horizontal	Pass
6**	12279.037	43.22	0.53	54.0	10.78	AV	145.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.400	38.80	-19.31	74.0	35.20	Peak	194.00	200	Vertical	Pass
1**	1544.400	27.94	-19.31	54.0	26.06	AV	194.00	200	Vertical	Pass
2	2791.000	43.54	-10.60	74.0	30.46	Peak	115.00	400	Vertical	Pass
2**	2791.000	34.67	-10.60	54.0	19.33	AV	115.00	400	Vertical	Pass
3	3993.500	52.53	-7.46	74.0	21.47	Peak	227.00	150	Vertical	Pass
3**	3993.500	38.38	-7.46	54.0	15.62	AV	227.00	150	Vertical	Pass
4	5585.000	108.66	-4.60	--	--	Peak	93.00	400	Vertical	N/A
4**	5585.000	100.47	-4.60	--	--	AV	93.00	400	Vertical	N/A
5	5990.500	65.97	-5.16	68.2	2.23	Peak	227.00	150	Vertical	Pass
5**	5990.500	50.07	-5.16	--	--	AV	227.00	150	Vertical	N/A
6	12301.600	52.91	0.66	74.0	21.09	Peak	141.00	400	Vertical	Pass
6**	12301.600	43.46	0.66	54.0	10.54	AV	141.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.500	37.38	-19.76	74.0	36.62	Peak	170.00	200	Horizontal	Pass
1**	1529.500	27.05	-19.76	54.0	26.95	AV	170.00	200	Horizontal	Pass
2	2784.000	44.29	-10.22	74.0	29.71	Peak	359.00	200	Horizontal	Pass
2**	2784.000	35.92	-10.22	54.0	18.08	AV	359.00	200	Horizontal	Pass
3	4331.250	47.44	-5.50	74.0	26.56	Peak	288.00	100	Horizontal	Pass
3**	4331.250	39.06	-5.50	54.0	14.94	AV	288.00	100	Horizontal	Pass
4	5702.500	109.77	-5.26	--	--	Peak	118.00	100	Horizontal	N/A
4**	5702.500	102.52	-5.26	--	--	AV	118.00	100	Horizontal	N/A
5	7623.500	54.39	-1.27	74.0	19.61	Peak	25.00	100	Horizontal	Pass
5**	7623.500	44.46	-1.27	54.0	9.54	AV	25.00	100	Horizontal	Pass
6	12402.300	52.49	0.33	74.0	21.51	Peak	38.00	400	Horizontal	Pass
6**	12402.300	43.50	0.33	54.0	10.50	AV	38.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.100	38.40	-19.36	74.0	35.60	Peak	206.00	400	Vertical	Pass
1**	1532.100	29.50	-19.36	54.0	24.50	AV	206.00	400	Vertical	Pass
2	2779.600	44.62	-10.54	74.0	29.38	Peak	223.00	300	Vertical	Pass
2**	2779.600	35.78	-10.54	54.0	18.22	AV	223.00	300	Vertical	Pass
3	3993.500	54.25	-7.46	74.0	19.75	Peak	235.00	150	Vertical	Pass
3**	3993.500	36.36	-7.46	54.0	17.64	AV	235.00	150	Vertical	Pass
4	5698.500	108.22	-4.86	--	--	Peak	106.00	100	Vertical	N/A
4**	5698.500	100.05	-4.86	--	--	AV	106.00	100	Vertical	N/A
5	5990.250	66.10	-5.21	68.2	2.10	Peak	235.00	150	Vertical	Pass
5**	5990.250	55.00	-5.21	--	--	AV	235.00	150	Vertical	N/A
6	12425.813	52.64	0.61	74.0	21.36	Peak	195.00	300	Vertical	Pass
6**	12425.813	43.18	0.61	54.0	10.82	AV	195.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.400	37.39	-19.39	74.0	36.61	Peak	40.00	100	Horizontal	Pass
1**	1525.400	27.98	-19.39	54.0	26.02	AV	40.00	100	Horizontal	Pass
2	2783.000	45.10	-9.46	74.0	28.90	Peak	162.00	400	Horizontal	Pass
2**	2783.000	36.21	-9.46	54.0	17.79	AV	162.00	400	Horizontal	Pass
3	4341.000	47.48	-5.65	74.0	26.52	Peak	346.00	200	Horizontal	Pass
3**	4341.000	39.82	-5.65	54.0	14.18	AV	346.00	200	Horizontal	Pass
4	5502.250	110.18	-3.51	--	--	Peak	89.00	400	Horizontal	N/A
4**	5502.250	103.07	-3.51	--	--	AV	89.00	400	Horizontal	N/A
5	7373.500	54.01	-1.21	74.0	19.99	Peak	254.00	150	Horizontal	Pass
5**	7373.500	44.05	-1.21	54.0	9.95	AV	254.00	150	Horizontal	Pass
6	12288.538	52.41	0.59	74.0	21.59	Peak	222.00	100	Horizontal	Pass
6**	12288.538	43.40	0.59	54.0	10.60	AV	222.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.900	37.70	-19.71	74.0	36.30	Peak	218.00	100	Vertical	Pass
1**	1544.900	27.92	-19.71	54.0	26.08	AV	218.00	100	Vertical	Pass
2	2782.800	45.04	-9.70	74.0	28.96	Peak	122.00	300	Vertical	Pass
2**	2782.800	36.81	-9.70	54.0	17.19	AV	122.00	300	Vertical	Pass
3	3994.000	53.08	-7.53	74.0	20.92	Peak	229.00	100	Vertical	Pass
3**	3994.000	38.39	-7.53	54.0	15.61	AV	229.00	100	Vertical	Pass
4	5502.000	109.68	-3.51	--	--	Peak	96.00	200	Vertical	N/A
4**	5502.000	102.59	-3.51	--	--	AV	96.00	200	Vertical	N/A
5	5990.250	62.90	-5.21	68.2	5.30	Peak	229.00	150	Vertical	Pass
5**	5990.250	52.54	-5.21	--	--	AV	229.00	150	Vertical	N/A
6	12584.463	52.62	1.29	74.0	21.38	Peak	313.00	300	Vertical	Pass
6**	12584.463	43.56	1.29	54.0	10.44	AV	313.00	300	Vertical	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1462.600	37.16	-19.42	74.0	36.84	Peak	102.00	400	Horizontal	Pass
1**	1462.600	27.57	-19.42	54.0	26.43	AV	102.00	400	Horizontal	Pass
2	2785.300	45.24	-10.06	74.0	28.76	Peak	240.00	100	Horizontal	Pass
2**	2785.300	35.91	-10.06	54.0	18.09	AV	240.00	100	Horizontal	Pass
3	4325.250	47.87	-6.20	74.0	26.13	Peak	0.00	150	Horizontal	Pass
3**	4325.250	38.81	-6.20	54.0	15.19	AV	0.00	150	Horizontal	Pass
4	5582.000	110.00	-4.75	--	--	Peak	105.00	100	Horizontal	N/A
4**	5582.000	102.61	-4.75	--	--	AV	105.00	100	Horizontal	N/A
5	5990.250	59.67	-5.21	68.2	8.53	Peak	105.00	150	Horizontal	Pass
5**	5990.250	48.05	-5.21	--	--	AV	105.00	150	Horizontal	N/A
6	12274.763	52.41	0.51	74.0	21.59	Peak	345.00	100	Horizontal	Pass
6**	12274.763	42.72	0.51	54.0	11.28	AV	345.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.100	38.25	-19.62	74.0	35.75	Peak	209.00	200	Vertical	Pass
1**	1542.100	29.54	-19.62	54.0	24.46	AV	209.00	200	Vertical	Pass
2	2786.500	45.37	-9.82	74.0	28.63	Peak	278.00	100	Vertical	Pass
2**	2786.500	36.11	-9.82	54.0	17.89	AV	278.00	100	Vertical	Pass
3	3993.500	51.31	-7.46	74.0	22.69	Peak	251.00	100	Vertical	Pass
3**	3993.500	38.10	-7.46	54.0	15.90	AV	251.00	100	Vertical	Pass
4	5581.250	108.95	-4.40	--	--	Peak	99.00	200	Vertical	N/A
4**	5581.250	101.74	-4.40	--	--	AV	99.00	200	Vertical	N/A
5	5990.500	63.99	-5.16	68.2	4.21	Peak	5.00	150	Vertical	Pass
5**	5990.500	53.59	-5.16	--	--	AV	5.00	150	Vertical	N/A
6	12608.451	53.09	1.08	74.0	20.91	Peak	357.00	200	Vertical	Pass
6**	12608.451	43.70	1.08	54.0	10.30	AV	357.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.300	37.63	-19.41	74.0	36.37	Peak	156.00	200	Horizontal	Pass
1**	1584.300	27.97	-19.41	54.0	26.03	AV	156.00	200	Horizontal	Pass
2	2784.400	45.09	-10.42	74.0	28.91	Peak	0.00	200	Horizontal	Pass
2**	2784.400	35.41	-10.42	54.0	18.59	AV	0.00	200	Horizontal	Pass
3	4349.250	47.99	-5.42	74.0	26.01	Peak	0.00	200	Horizontal	Pass
3**	4349.250	39.33	-5.42	54.0	14.67	AV	0.00	200	Horizontal	Pass
4	5697.750	109.83	-5.38	--	--	Peak	100.00	300	Horizontal	N/A
4**	5697.750	101.86	-5.38	--	--	AV	100.00	300	Horizontal	N/A
5	5990.750	61.95	-4.93	68.2	6.25	Peak	100.00	200	Horizontal	Pass
5**	5990.750	41.47	-4.93	--	--	AV	100.00	200	Horizontal	N/A
6	12393.037	52.35	0.37	74.0	21.65	Peak	48.00	100	Horizontal	Pass
6**	12393.037	42.67	0.37	54.0	11.33	AV	48.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.500	37.77	-19.43	74.0	36.23	Peak	209.00	100	Vertical	Pass
1**	1531.500	30.80	-19.43	54.0	23.20	AV	209.00	100	Vertical	Pass
2	2779.100	44.68	-10.44	74.0	29.32	Peak	130.00	300	Vertical	Pass
2**	2779.100	36.26	-10.44	54.0	17.74	AV	130.00	300	Vertical	Pass
3	3994.000	51.27	-7.53	74.0	22.73	Peak	248.00	100	Vertical	Pass
3**	3994.000	41.19	-7.53	54.0	12.81	AV	248.00	100	Vertical	Pass
4	5702.250	107.05	-5.29	--	--	Peak	92.00	400	Vertical	N/A
4**	5702.250	100.04	-5.29	--	--	AV	92.00	400	Vertical	N/A
5	5990.500	63.61	-5.16	68.2	4.59	Peak	113.00	150	Vertical	Pass
5**	5990.500	48.11	-5.16	--	--	AV	113.00	150	Vertical	N/A
6	12611.537	53.01	1.05	74.0	20.99	Peak	237.00	400	Vertical	Pass
6**	12611.537	44.50	1.05	54.0	9.50	AV	237.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.500	36.94	-19.43	74.0	37.06	Peak	306.00	100	Horizontal	Pass
1**	1598.500	27.89	-19.43	54.0	26.11	AV	306.00	100	Horizontal	Pass
2	2786.400	44.60	-9.88	74.0	29.40	Peak	0.00	300	Horizontal	Pass
2**	2786.400	35.65	-9.88	54.0	18.35	AV	0.00	300	Horizontal	Pass
3	4354.250	48.07	-6.20	74.0	25.93	Peak	144.00	200	Horizontal	Pass
3**	4354.250	38.76	-6.20	54.0	15.24	AV	144.00	200	Horizontal	Pass
4	5516.000	107.64	-4.42	--	--	Peak	108.00	200	Horizontal	N/A
4**	5516.000	99.95	-4.42	--	--	AV	108.00	200	Horizontal	N/A
5	7644.250	54.39	-1.51	74.0	19.61	Peak	360.00	100	Horizontal	Pass
5**	7644.250	44.07	-1.51	54.0	9.93	AV	360.00	100	Horizontal	Pass
6	12310.150	52.52	0.67	74.0	21.48	Peak	276.00	200	Horizontal	Pass
6**	12310.150	43.03	0.67	54.0	10.97	AV	276.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.500	38.63	-19.83	74.0	35.37	Peak	188.00	200	Vertical	Pass
1**	1541.500	28.37	-19.83	54.0	25.63	AV	188.00	200	Vertical	Pass
2	2783.100	44.57	-9.34	74.0	29.43	Peak	58.00	200	Vertical	Pass
2**	2783.100	36.76	-9.34	54.0	17.24	AV	58.00	200	Vertical	Pass
3	3994.250	51.96	-7.64	74.0	22.04	Peak	177.00	150	Vertical	Pass
3**	3994.250	37.15	-7.64	54.0	16.85	AV	177.00	150	Vertical	Pass
4	5508.750	107.30	-3.92	--	--	Peak	99.00	200	Vertical	N/A
4**	5508.750	99.51	-3.92	--	--	AV	99.00	200	Vertical	N/A
5	5990.250	64.39	-5.21	68.2	3.81	Peak	196.00	200	Vertical	Pass
5**	5990.250	54.95	-5.21	--	--	AV	196.00	200	Vertical	N/A
6	12602.988	52.23	1.13	74.0	21.77	Peak	160.00	100	Vertical	Pass
6**	12602.988	42.62	1.13	54.0	11.38	AV	160.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1539.700	38.73	-19.47	74.0	35.27	Peak	46.00	100	Horizontal	Pass
1**	1539.700	28.44	-19.47	54.0	25.56	AV	46.00	100	Horizontal	Pass
2	2788.600	44.84	-10.33	74.0	29.16	Peak	125.00	400	Horizontal	Pass
2**	2788.600	35.87	-10.33	54.0	18.13	AV	125.00	400	Horizontal	Pass
3	4325.250	48.26	-6.20	74.0	25.74	Peak	253.00	150	Horizontal	Pass
3**	4325.250	38.47	-6.20	54.0	15.53	AV	253.00	150	Horizontal	Pass
4	5596.000	107.56	-4.25	--	--	Peak	104.00	400	Horizontal	N/A
4**	5596.000	98.65	-4.25	--	--	AV	104.00	400	Horizontal	N/A
5	7581.250	54.17	0.07	74.0	19.83	Peak	123.00	100	Horizontal	Pass
5**	7581.250	45.33	0.07	54.0	8.67	AV	123.00	100	Horizontal	Pass
6	12547.412	52.61	1.55	74.0	21.39	Peak	319.00	300	Horizontal	Pass
6**	12547.412	43.67	1.55	54.0	10.33	AV	319.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.200	37.89	-19.34	74.0	36.11	Peak	187.00	300	Vertical	Pass
1**	1530.200	28.88	-19.34	54.0	25.12	AV	187.00	300	Vertical	Pass
2	2786.400	44.71	-9.88	74.0	29.29	Peak	97.00	100	Vertical	Pass
2**	2786.400	35.81	-9.88	54.0	18.19	AV	97.00	100	Vertical	Pass
3	3994.500	49.92	-7.73	74.0	24.08	Peak	235.00	150	Vertical	Pass
3**	3994.500	36.66	-7.73	54.0	17.34	AV	235.00	150	Vertical	Pass
4	5580.750	106.06	-4.75	--	--	Peak	106.00	300	Vertical	N/A
4**	5580.750	98.91	-4.75	--	--	AV	106.00	300	Vertical	N/A
5	5990.000	61.75	-5.20	68.2	6.45	Peak	180.00	150	Vertical	Pass
5**	5990.000	52.65	-5.20	--	--	AV	180.00	150	Vertical	N/A
6	12336.037	53.49	0.71	74.0	20.51	Peak	0.00	100	Vertical	Pass
6**	12336.037	43.05	0.71	54.0	10.95	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1391.100	40.55	-19.47	74.0	33.45	Peak	86.00	150	Horizontal	Pass
1**	1391.100	30.01	-19.47	54.0	23.99	AV	86.00	150	Horizontal	Pass
2	2783.300	44.68	-9.74	74.0	29.32	Peak	16.00	300	Horizontal	Pass
2**	2783.300	36.31	-9.74	54.0	17.69	AV	16.00	300	Horizontal	Pass
3	4129.250	47.24	-6.47	74.0	26.76	Peak	169.00	100	Horizontal	Pass
3**	4129.250	37.90	-6.47	54.0	16.10	AV	169.00	100	Horizontal	Pass
4	5675.750	107.26	-4.94	--	--	Peak	77.00	300	Horizontal	N/A
4**	5675.750	99.27	-4.94	--	--	AV	77.00	300	Horizontal	N/A
5	5990.250	61.36	-5.21	68.2	6.84	Peak	95.00	150	Horizontal	Pass
5**	5990.250	42.77	-5.21	--	--	AV	95.00	150	Horizontal	N/A
6	12403.250	52.86	0.34	74.0	21.14	Peak	344.00	200	Horizontal	Pass
6**	12403.250	42.86	0.34	54.0	11.14	AV	344.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.000	38.74	-19.58	74.0	35.26	Peak	186.00	300	Vertical	Pass
1**	1543.000	29.75	-19.58	54.0	24.25	AV	186.00	300	Vertical	Pass
2	2773.800	45.09	-11.08	74.0	28.91	Peak	301.00	100	Vertical	Pass
2**	2773.800	35.41	-11.08	54.0	18.59	AV	301.00	100	Vertical	Pass
3	3993.750	53.62	-7.47	74.0	20.38	Peak	176.00	200	Vertical	Pass
3**	3993.750	41.26	-7.47	54.0	12.74	AV	176.00	200	Vertical	Pass
4	5661.250	104.76	-5.31	--	--	Peak	101.00	300	Vertical	N/A
4**	5661.250	97.27	-5.31	--	--	AV	101.00	300	Vertical	N/A
5	5990.500	63.75	-5.16	68.2	4.45	Peak	0.00	150	Vertical	Pass
5**	5990.500	47.34	-5.16	--	--	AV	0.00	150	Vertical	N/A
6	12429.612	53.08	0.65	74.0	20.92	Peak	210.00	100	Vertical	Pass
6**	12429.612	43.05	0.65	54.0	10.95	AV	210.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1547.600	37.83	-19.39	74.0	36.17	Peak	0.00	100	Horizontal	Pass
1**	1547.600	28.32	-19.39	54.0	25.68	AV	0.00	100	Horizontal	Pass
2	2780.400	45.22	-10.71	74.0	28.78	Peak	257.00	300	Horizontal	Pass
2**	2780.400	35.20	-10.71	54.0	18.80	AV	257.00	300	Horizontal	Pass
3	4348.250	47.72	-5.63	74.0	26.28	Peak	141.00	150	Horizontal	Pass
3**	4348.250	38.50	-5.63	54.0	15.50	AV	141.00	150	Horizontal	Pass
4	5498.500	110.29	-3.70	--	--	Peak	103.00	400	Horizontal	N/A
4**	5498.500	102.19	-3.70	--	--	AV	103.00	400	Horizontal	N/A
5	5990.500	60.96	-5.16	68.2	7.24	Peak	103.00	150	Horizontal	Pass
5**	5990.500	49.69	-5.16	--	--	AV	103.00	150	Horizontal	N/A
6	12265.975	52.39	0.46	74.0	21.61	Peak	79.00	300	Horizontal	Pass
6**	12265.975	42.01	0.46	54.0	11.99	AV	79.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.700	37.34	-19.90	74.0	36.66	Peak	192.00	100	Vertical	Pass
1**	1529.700	28.30	-19.90	54.0	25.70	AV	192.00	100	Vertical	Pass
2	2785.200	45.31	-10.04	74.0	28.69	Peak	175.00	100	Vertical	Pass
2**	2785.200	36.79	-10.04	54.0	17.21	AV	175.00	100	Vertical	Pass
3	3994.000	54.17	-7.53	74.0	19.83	Peak	169.00	100	Vertical	Pass
3**	3994.000	39.07	-7.53	54.0	14.93	AV	169.00	100	Vertical	Pass
4	5504.500	110.22	-3.47	--	--	Peak	93.00	100	Vertical	N/A
4**	5504.500	102.13	-3.47	--	--	AV	93.00	100	Vertical	N/A
5	5990.000	63.26	-5.20	68.2	4.94	Peak	248.00	200	Vertical	Pass
5**	5990.000	52.16	-5.20	--	--	AV	248.00	200	Vertical	N/A
6	12605.838	52.54	1.10	74.0	21.46	Peak	141.00	100	Vertical	Pass
6**	12605.838	43.02	1.10	54.0	10.98	AV	141.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.000	40.70	-19.32	74.0	33.30	Peak	316.00	300	Horizontal	Pass
1**	1544.000	31.02	-19.32	54.0	22.98	AV	316.00	300	Horizontal	Pass
2	2783.000	45.19	-9.46	74.0	28.81	Peak	0.00	300	Horizontal	Pass
2**	2783.000	36.77	-9.46	54.0	17.23	AV	0.00	300	Horizontal	Pass
3	4340.250	47.54	-5.32	74.0	26.46	Peak	88.00	150	Horizontal	Pass
3**	4340.250	39.14	-5.32	54.0	14.86	AV	88.00	150	Horizontal	Pass
4	5579.000	109.61	-4.80	--	--	Peak	107.00	200	Horizontal	N/A
4**	5579.000	102.39	-4.80	--	--	AV	107.00	200	Horizontal	N/A
5	7608.250	53.97	-0.55	74.0	20.03	Peak	161.00	100	Horizontal	Pass
5**	7608.250	44.83	-0.55	54.0	9.17	AV	161.00	100	Horizontal	Pass
6	12604.650	52.51	1.11	74.0	21.49	Peak	201.00	300	Horizontal	Pass
6**	12604.650	43.67	1.11	54.0	10.33	AV	201.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.800	41.30	-19.71	74.0	32.70	Peak	289.00	200	Vertical	Pass
1**	1541.800	31.82	-19.71	54.0	22.18	AV	289.00	200	Vertical	Pass
2	2786.800	45.67	-10.12	74.0	28.33	Peak	325.00	400	Vertical	Pass
2**	2786.800	35.64	-10.12	54.0	18.36	AV	325.00	400	Vertical	Pass
3	3993.250	52.75	-7.62	74.0	21.25	Peak	175.00	150	Vertical	Pass
3**	3993.250	39.36	-7.62	54.0	14.64	AV	175.00	150	Vertical	Pass
4	5582.750	109.14	-4.78	--	--	Peak	99.00	200	Vertical	N/A
4**	5582.750	101.11	-4.78	--	--	AV	99.00	200	Vertical	N/A
5	7494.500	54.88	-0.42	74.0	19.12	Peak	306.00	200	Vertical	Pass
5**	7494.500	44.77	-0.42	54.0	9.23	AV	306.00	200	Vertical	Pass
6	12369.526	52.72	0.57	74.0	21.28	Peak	38.00	200	Vertical	Pass
6**	12369.526	43.85	0.57	54.0	10.15	AV	38.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.700	41.10	-19.31	74.0	32.90	Peak	165.00	200	Horizontal	Pass
1**	1531.700	29.34	-19.31	54.0	24.66	AV	165.00	200	Horizontal	Pass
2	2783.500	44.81	-10.15	74.0	29.19	Peak	256.00	100	Horizontal	Pass
2**	2783.500	35.88	-10.15	54.0	18.12	AV	256.00	100	Horizontal	Pass
3	4342.000	47.49	-5.56	74.0	26.51	Peak	23.00	100	Horizontal	Pass
3**	4342.000	39.02	-5.56	54.0	14.98	AV	23.00	100	Horizontal	Pass
4	5704.000	109.74	-5.73	--	--	Peak	118.00	300	Horizontal	N/A
4**	5704.000	101.44	-5.73	--	--	AV	118.00	300	Horizontal	N/A
5	7585.750	54.88	0.05	74.0	19.12	Peak	42.00	150	Horizontal	Pass
5**	7585.750	45.93	0.05	54.0	8.07	AV	42.00	150	Horizontal	Pass
6	12581.375	52.56	1.32	74.0	21.44	Peak	0.00	300	Horizontal	Pass
6**	12581.375	44.52	1.32	54.0	9.48	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.700	41.80	-19.67	74.0	32.20	Peak	282.00	300	Vertical	Pass
1**	1544.700	32.17	-19.67	54.0	21.83	AV	282.00	300	Vertical	Pass
2	2782.100	44.45	-10.15	74.0	29.55	Peak	115.00	100	Vertical	Pass
2**	2782.100	36.05	-10.15	54.0	17.95	AV	115.00	100	Vertical	Pass
3	3993.750	55.22	-7.47	74.0	18.78	Peak	170.00	150	Vertical	Pass
3**	3993.750	45.68	-7.47	54.0	8.32	AV	170.00	150	Vertical	Pass
4	5702.500	107.23	-5.26	--	--	Peak	112.00	100	Vertical	N/A
4**	5702.500	100.98	-5.26	--	--	AV	112.00	100	Vertical	N/A
5	5990.500	58.85	-5.16	68.2	9.35	Peak	188.00	150	Vertical	Pass
5**	5990.500	49.11	-5.16	--	--	AV	188.00	150	Vertical	N/A
6	12647.638	53.59	0.74	74.0	20.41	Peak	272.00	100	Vertical	Pass
6**	12647.638	42.79	0.74	54.0	11.21	AV	272.00	100	Vertical	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.200	39.00	-19.41	74.0	35.00	Peak	162.00	400	Horizontal	Pass
1**	1540.200	31.43	-19.41	54.0	22.57	AV	162.00	400	Horizontal	Pass
2	2777.700	45.29	-10.37	74.0	28.71	Peak	83.00	100	Horizontal	Pass
2**	2777.700	35.37	-10.37	54.0	18.63	AV	83.00	100	Horizontal	Pass
3	3993.500	47.82	-7.46	74.0	26.18	Peak	216.00	150	Horizontal	Pass
3**	3993.500	37.04	-7.46	54.0	16.96	AV	216.00	150	Horizontal	Pass
4	5520.750	107.70	-4.65	--	--	Peak	104.00	300	Horizontal	N/A
4**	5520.750	99.17	-4.65	--	--	AV	104.00	300	Horizontal	N/A
5	7371.000	54.14	-1.14	74.0	19.86	Peak	253.00	100	Horizontal	Pass
5**	7371.000	44.42	-1.14	54.0	9.58	AV	253.00	100	Horizontal	Pass
6	12578.050	53.21	1.35	74.0	20.79	Peak	348.00	100	Horizontal	Pass
6**	12578.050	43.50	1.35	54.0	10.50	AV	348.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.800	40.90	-19.48	74.0	33.10	Peak	287.00	400	Vertical	Pass
1**	1543.800	32.52	-19.48	54.0	21.48	AV	287.00	400	Vertical	Pass
2	2777.400	45.12	-10.15	74.0	28.88	Peak	357.00	300	Vertical	Pass
2**	2777.400	36.14	-10.15	54.0	17.86	AV	357.00	300	Vertical	Pass
3	4331.250	47.33	-5.50	74.0	26.67	Peak	306.00	150	Vertical	Pass
3**	4331.250	39.16	-5.50	54.0	14.84	AV	306.00	150	Vertical	Pass
4	5503.750	108.09	-3.64	--	--	Peak	102.00	300	Vertical	N/A
4**	5503.750	99.46	-3.64	--	--	AV	102.00	300	Vertical	N/A
5	7685.250	53.76	-0.87	74.0	20.24	Peak	0.00	200	Vertical	Pass
5**	7685.250	44.87	-0.87	54.0	9.13	AV	0.00	200	Vertical	Pass
6	12593.013	53.12	1.22	74.0	20.88	Peak	0.00	200	Vertical	Pass
6**	12593.013	44.10	1.22	54.0	9.90	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.100	39.26	-19.32	74.0	34.74	Peak	325.00	300	Horizontal	Pass
1**	1538.100	29.92	-19.32	54.0	24.08	AV	325.00	300	Horizontal	Pass
2	2785.500	44.74	-10.08	74.0	29.26	Peak	0.00	200	Horizontal	Pass
2**	2785.500	35.74	-10.08	54.0	18.26	AV	0.00	200	Horizontal	Pass
3	4340.000	47.55	-5.68	74.0	26.45	Peak	106.00	200	Horizontal	Pass
3**	4340.000	38.59	-5.68	54.0	15.41	AV	106.00	200	Horizontal	Pass
4	5588.500	107.16	-4.79	--	--	Peak	106.00	400	Horizontal	N/A
4**	5588.500	98.47	-4.79	--	--	AV	106.00	400	Horizontal	N/A
5	7580.250	54.00	0.18	74.0	20.00	Peak	124.00	200	Horizontal	Pass
5**	7580.250	45.58	0.18	54.0	8.42	AV	124.00	200	Horizontal	Pass
6	12341.737	52.72	0.72	74.0	21.28	Peak	188.00	100	Horizontal	Pass
6**	12341.737	43.07	0.72	54.0	10.93	AV	188.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.000	41.78	-19.29	74.0	32.22	Peak	284.00	400	Vertical	Pass
1**	1538.000	30.04	-19.29	54.0	23.96	AV	284.00	400	Vertical	Pass
2	2784.200	45.20	-10.34	74.0	28.80	Peak	275.00	300	Vertical	Pass
2**	2784.200	35.70	-10.34	54.0	18.30	AV	275.00	300	Vertical	Pass
3	3993.750	57.20	-7.47	74.0	16.80	Peak	234.00	100	Vertical	Pass
3**	3993.750	41.73	-7.47	54.0	12.27	AV	234.00	100	Vertical	Pass
4	5582.000	105.87	-4.75	--	--	Peak	103.00	300	Vertical	N/A
4**	5582.000	98.53	-4.75	--	--	AV	103.00	300	Vertical	N/A
5	7583.250	54.32	-0.08	74.0	19.68	Peak	84.00	100	Vertical	Pass
5**	7583.250	45.61	-0.08	54.0	8.39	AV	84.00	100	Vertical	Pass
6	12392.088	52.33	0.37	74.0	21.67	Peak	229.00	400	Vertical	Pass
6**	12392.088	43.04	0.37	54.0	10.96	AV	229.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.400	39.93	-19.31	74.0	34.07	Peak	324.00	200	Horizontal	Pass
1**	1544.400	30.60	-19.31	54.0	23.40	AV	324.00	200	Horizontal	Pass
2	2783.400	44.59	-9.95	74.0	29.41	Peak	360.00	300	Horizontal	Pass
2**	2783.400	36.41	-9.95	54.0	17.59	AV	360.00	300	Horizontal	Pass
3	3993.750	47.81	-7.47	74.0	26.19	Peak	229.00	200	Horizontal	Pass
3**	3993.750	37.62	-7.47	54.0	16.38	AV	229.00	200	Horizontal	Pass
4	5682.750	107.13	-4.77	--	--	Peak	100.00	400	Horizontal	N/A
4**	5682.750	98.63	-4.77	--	--	AV	100.00	400	Horizontal	N/A
5	7463.750	54.59	-1.26	74.0	19.41	Peak	325.00	200	Horizontal	Pass
5**	7463.750	44.20	-1.26	54.0	9.80	AV	325.00	200	Horizontal	Pass
6	12424.863	53.73	0.60	74.0	20.27	Peak	256.00	300	Horizontal	Pass
6**	12424.863	43.54	0.60	54.0	10.46	AV	256.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.900	41.49	-19.39	74.0	32.51	Peak	279.00	100	Vertical	Pass
1**	1543.900	32.41	-19.39	54.0	21.59	AV	279.00	100	Vertical	Pass
2	2783.000	45.06	-9.46	74.0	28.94	Peak	45.00	200	Vertical	Pass
2**	2783.000	36.73	-9.46	54.0	17.27	AV	45.00	200	Vertical	Pass
3	4347.500	47.68	-5.62	74.0	26.32	Peak	123.00	150	Vertical	Pass
3**	4347.500	39.11	-5.62	54.0	14.89	AV	123.00	150	Vertical	Pass
4	5663.000	105.81	-5.24	--	--	Peak	105.00	100	Vertical	N/A
4**	5663.000	97.71	-5.24	--	--	AV	105.00	100	Vertical	N/A
5	7586.000	54.62	-0.09	74.0	19.38	Peak	31.00	200	Vertical	Pass
5**	7586.000	45.27	-0.09	54.0	8.73	AV	31.00	200	Vertical	Pass
6	12603.463	52.74	1.12	74.0	21.26	Peak	27.00	300	Vertical	Pass
6**	12603.463	43.53	1.12	54.0	10.47	AV	27.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.800	39.39	-19.48	74.0	34.61	Peak	313.00	100	Horizontal	Pass
1**	1543.800	31.14	-19.48	54.0	22.86	AV	313.00	100	Horizontal	Pass
2	2784.900	45.00	-9.85	74.0	29.00	Peak	161.00	200	Horizontal	Pass
2**	2784.900	36.44	-9.85	54.0	17.56	AV	161.00	200	Horizontal	Pass
3	4344.250	48.49	-5.75	74.0	25.51	Peak	266.00	200	Horizontal	Pass
3**	4344.250	38.86	-5.75	54.0	15.14	AV	266.00	200	Horizontal	Pass
4	5519.250	103.30	-4.42	--	--	Peak	109.00	200	Horizontal	N/A
4**	5519.250	95.04	-4.42	--	--	AV	109.00	200	Horizontal	N/A
5	7569.500	54.06	-0.97	74.0	19.94	Peak	168.00	150	Horizontal	Pass
5**	7569.500	44.48	-0.97	54.0	9.52	AV	168.00	150	Horizontal	Pass
6	12610.588	52.40	1.06	74.0	21.60	Peak	63.00	200	Horizontal	Pass
6**	12610.588	44.14	1.06	54.0	9.86	AV	63.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.900	41.32	-19.71	74.0	32.68	Peak	279.00	100	Vertical	Pass
1**	1544.900	31.75	-19.71	54.0	22.25	AV	279.00	100	Vertical	Pass
2	2777.600	46.00	-10.12	74.0	28.00	Peak	59.00	300	Vertical	Pass
2**	2777.600	37.47	-10.12	54.0	16.53	AV	59.00	300	Vertical	Pass
3	3993.500	52.04	-7.46	74.0	21.96	Peak	215.00	150	Vertical	Pass
3**	3993.500	38.72	-7.46	54.0	15.28	AV	215.00	150	Vertical	Pass
4	5511.500	103.15	-4.37	--	--	Peak	87.00	300	Vertical	N/A
4**	5511.500	95.12	-4.37	--	--	AV	87.00	300	Vertical	N/A
5	7323.500	54.47	-1.25	74.0	19.53	Peak	0.00	150	Vertical	Pass
5**	7323.500	45.25	-1.25	54.0	8.75	AV	0.00	150	Vertical	Pass
6	12609.875	52.36	1.07	74.0	21.64	Peak	145.00	100	Vertical	Pass
6**	12609.875	43.83	1.07	54.0	10.17	AV	145.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1539.800	39.74	-19.34	74.0	34.26	Peak	323.00	300	Horizontal	Pass
1**	1539.800	31.10	-19.34	54.0	22.90	AV	323.00	300	Horizontal	Pass
2	2782.500	45.25	-9.89	74.0	28.75	Peak	147.00	100	Horizontal	Pass
2**	2782.500	35.84	-9.89	54.0	18.16	AV	147.00	100	Horizontal	Pass
3	4349.250	47.77	-5.42	74.0	26.23	Peak	60.00	200	Horizontal	Pass
3**	4349.250	39.83	-5.42	54.0	14.17	AV	60.00	200	Horizontal	Pass
4	5596.750	103.10	-3.98	--	--	Peak	116.00	300	Horizontal	N/A
4**	5596.750	94.40	-3.98	--	--	AV	116.00	300	Horizontal	N/A
5	7579.250	54.36	0.11	74.0	19.64	Peak	284.00	150	Horizontal	Pass
5**	7579.250	45.68	0.11	54.0	8.32	AV	284.00	150	Horizontal	Pass
6	12367.625	52.83	0.58	74.0	21.17	Peak	245.00	200	Horizontal	Pass
6**	12367.625	42.48	0.58	54.0	11.52	AV	245.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1546.200	42.11	-19.79	74.0	31.89	Peak	286.00	200	Vertical	Pass
1**	1546.200	28.85	-19.79	54.0	25.15	AV	286.00	200	Vertical	Pass
2	2783.100	44.92	-9.34	74.0	29.08	Peak	129.00	200	Vertical	Pass
2**	2783.100	37.12	-9.34	54.0	16.88	AV	129.00	200	Vertical	Pass
3	4342.750	48.00	-5.62	74.0	26.00	Peak	304.00	150	Vertical	Pass
3**	4342.750	38.52	-5.62	54.0	15.48	AV	304.00	150	Vertical	Pass
4	5607.500	101.91	-4.38	--	--	Peak	96.00	300	Vertical	N/A
4**	5607.500	93.08	-4.38	--	--	AV	96.00	300	Vertical	N/A
5	7575.500	54.17	-0.54	74.0	19.83	Peak	135.00	100	Vertical	Pass
5**	7575.500	45.59	-0.54	54.0	8.41	AV	135.00	100	Vertical	Pass
6	12454.550	54.08	0.85	74.0	19.92	Peak	56.00	200	Vertical	Pass
6**	12454.550	43.85	0.85	54.0	10.15	AV	56.00	200	Vertical	Pass

## 11x20 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.600	40.10	-19.61	74.0	33.90	Peak	242.00	300	Horizontal	Pass
1**	1535.600	30.84	-19.61	54.0	23.16	AV	242.00	300	Horizontal	Pass
2	2782.900	45.28	-9.58	74.0	28.72	Peak	278.00	300	Horizontal	Pass
2**	2782.900	37.02	-9.58	54.0	16.98	AV	278.00	300	Horizontal	Pass
3	4350.000	47.47	-5.73	74.0	26.53	Peak	210.00	200	Horizontal	Pass
3**	4350.000	38.88	-5.73	54.0	15.12	AV	210.00	200	Horizontal	Pass
4	5496.000	110.58	-3.56	--	--	Peak	79.00	400	Horizontal	N/A
4**	5496.000	102.14	-3.56	--	--	AV	79.00	400	Horizontal	N/A
5	7684.000	53.87	-0.73	74.0	20.13	Peak	24.00	200	Horizontal	Pass
5**	7684.000	45.46	-0.73	54.0	8.54	AV	24.00	200	Horizontal	Pass
6	12579.000	52.07	1.34	74.0	21.93	Peak	87.00	300	Horizontal	Pass
6**	12579.000	44.26	1.34	54.0	9.74	AV	87.00	300	Horizontal	Pass

## 11x20 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1539.800	41.45	-19.34	74.0	32.55	Peak	284.00	300	Vertical	Pass
1**	1539.800	30.51	-19.34	54.0	23.49	AV	284.00	300	Vertical	Pass
2	2783.200	45.65	-9.54	74.0	28.35	Peak	26.00	100	Vertical	Pass
2**	2783.200	36.66	-9.54	54.0	17.34	AV	26.00	100	Vertical	Pass
3	3993.750	54.56	-7.47	74.0	19.44	Peak	178.00	200	Vertical	Pass
3**	3993.750	39.91	-7.47	54.0	14.09	AV	178.00	200	Vertical	Pass
4	5505.000	109.97	-3.64	--	--	Peak	104.00	200	Vertical	N/A
4**	5505.000	102.25	-3.64	--	--	AV	104.00	200	Vertical	N/A
5	5990.750	58.94	-4.93	68.2	9.26	Peak	104.00	200	Vertical	Pass
5**	5990.750	41.45	-4.93	--	--	AV	104.00	200	Vertical	N/A
6	12339.838	52.76	0.72	74.0	21.24	Peak	47.00	100	Vertical	Pass
6**	12339.838	43.40	0.72	54.0	10.60	AV	47.00	100	Vertical	Pass

## 11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.500	39.30	-19.37	74.0	34.70	Peak	322.00	400	Horizontal	Pass
1**	1534.500	30.45	-19.37	54.0	23.55	AV	322.00	400	Horizontal	Pass
2	2784.300	44.75	-10.41	74.0	29.25	Peak	13.00	100	Horizontal	Pass
2**	2784.300	36.71	-10.41	54.0	17.29	AV	13.00	100	Horizontal	Pass
3	3993.750	48.23	-7.47	74.0	25.77	Peak	157.00	200	Horizontal	Pass
3**	3993.750	36.64	-7.47	54.0	17.36	AV	157.00	200	Horizontal	Pass
4	5578.750	111.66	-4.67	--	--	Peak	101.00	100	Horizontal	N/A
4**	5578.750	101.70	-4.67	--	--	AV	101.00	100	Horizontal	N/A
5	7579.750	54.99	-0.28	74.0	19.01	Peak	213.00	150	Horizontal	Pass
5**	7579.750	45.46	-0.28	54.0	8.54	AV	213.00	150	Horizontal	Pass
6	12452.888	52.74	0.87	74.0	21.26	Peak	111.00	300	Horizontal	Pass
6**	12452.888	42.52	0.87	54.0	11.48	AV	111.00	300	Horizontal	Pass

## 11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1537.300	42.14	-19.47	74.0	31.86	Peak	284.00	200	Vertical	Pass
1**	1537.300	30.17	-19.47	54.0	23.83	AV	284.00	200	Vertical	Pass
2	2786.100	44.62	-10.05	74.0	29.38	Peak	116.00	200	Vertical	Pass
2**	2786.100	36.30	-10.05	54.0	17.70	AV	116.00	200	Vertical	Pass
3	3993.750	51.29	-7.47	74.0	22.71	Peak	160.00	100	Vertical	Pass
3**	3993.750	39.92	-7.47	54.0	14.08	AV	160.00	100	Vertical	Pass
4	5581.250	110.01	-4.40	--	--	Peak	104.00	300	Vertical	N/A
4**	5581.250	102.22	-4.40	--	--	AV	104.00	300	Vertical	N/A
5	7575.250	54.17	-0.50	74.0	19.83	Peak	307.00	150	Vertical	Pass
5**	7575.250	44.80	-0.50	54.0	9.20	AV	307.00	150	Vertical	Pass
6	12454.313	52.96	0.86	74.0	21.04	Peak	265.00	200	Vertical	Pass
6**	12454.313	43.32	0.86	54.0	10.68	AV	265.00	200	Vertical	Pass

## 11x20 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1537.900	40.66	-19.26	74.0	33.34	Peak	252.00	200	Horizontal	Pass
1**	1537.900	30.21	-19.26	54.0	23.79	AV	252.00	200	Horizontal	Pass
2	2791.000	44.51	-10.60	74.0	29.49	Peak	234.00	300	Horizontal	Pass
2**	2791.000	35.64	-10.60	54.0	18.36	AV	234.00	300	Horizontal	Pass
3	4338.750	47.00	-6.06	74.0	27.00	Peak	195.00	100	Horizontal	Pass
3**	4338.750	39.26	-6.06	54.0	14.74	AV	195.00	100	Horizontal	Pass
4	5704.500	109.37	-5.75	--	--	Peak	120.00	400	Horizontal	N/A
4**	5704.500	101.19	-5.75	--	--	AV	120.00	400	Horizontal	N/A
5	7601.500	54.17	-1.18	74.0	19.83	Peak	345.00	200	Horizontal	Pass
5**	7601.500	45.10	-1.18	54.0	8.90	AV	345.00	200	Horizontal	Pass
6	12609.875	53.32	1.07	74.0	20.68	Peak	182.00	400	Horizontal	Pass
6**	12609.875	43.47	1.07	54.0	10.53	AV	182.00	400	Horizontal	Pass

## 11x20 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.200	41.02	-19.41	74.0	32.98	Peak	282.00	100	Vertical	Pass
1**	1540.200	33.63	-19.41	54.0	20.37	AV	282.00	100	Vertical	Pass
2	2779.100	44.61	-10.44	74.0	29.39	Peak	360.00	200	Vertical	Pass
2**	2779.100	36.18	-10.44	54.0	17.82	AV	360.00	200	Vertical	Pass
3	3993.750	53.14	-7.47	74.0	20.86	Peak	227.00	100	Vertical	Pass
3**	3993.750	42.84	-7.47	54.0	11.16	AV	227.00	100	Vertical	Pass
4	5702.750	108.28	-5.24	--	--	Peak	98.00	400	Vertical	N/A
4**	5702.750	100.34	-5.24	--	--	AV	98.00	400	Vertical	N/A
5	7600.250	54.21	-1.18	74.0	19.79	Peak	134.00	100	Vertical	Pass
5**	7600.250	43.99	-1.18	54.0	10.01	AV	134.00	100	Vertical	Pass
6	12367.388	52.98	0.59	74.0	21.02	Peak	308.00	100	Vertical	Pass
6**	12367.388	43.24	0.59	54.0	10.76	AV	308.00	100	Vertical	Pass



## 11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.400	39.68	-19.96	74.0	34.32	Peak	164.00	400	Horizontal	Pass
1**	1542.400	30.20	-19.96	54.0	23.80	AV	164.00	400	Horizontal	Pass
2	2776.500	46.29	-10.57	74.0	27.71	Peak	42.00	400	Horizontal	Pass
2**	2776.500	35.16	-10.57	54.0	18.84	AV	42.00	400	Horizontal	Pass
3	4304.000	47.74	-5.76	74.0	26.26	Peak	195.00	150	Horizontal	Pass
3**	4304.000	38.98	-5.76	54.0	15.02	AV	195.00	150	Horizontal	Pass
4	5499.750	107.73	-3.56	--	--	Peak	121.00	400	Horizontal	N/A
4**	5499.750	99.14	-3.56	--	--	AV	121.00	400	Horizontal	N/A
5	7578.000	54.74	-0.02	74.0	19.26	Peak	287.00	150	Horizontal	Pass
5**	7578.000	46.10	-0.02	54.0	7.90	AV	287.00	150	Horizontal	Pass
6	12279.750	53.15	0.54	74.0	20.85	Peak	161.00	300	Horizontal	Pass
6**	12279.750	43.33	0.54	54.0	10.67	AV	161.00	300	Horizontal	Pass

## 11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1539.500	41.76	-19.66	74.0	32.24	Peak	277.00	400	Vertical	Pass
1**	1539.500	31.88	-19.66	54.0	22.12	AV	277.00	400	Vertical	Pass
2	2784.800	44.47	-9.79	74.0	29.53	Peak	0.00	100	Vertical	Pass
2**	2784.800	36.79	-9.79	54.0	17.21	AV	0.00	100	Vertical	Pass
3	4353.000	47.96	-5.64	74.0	26.04	Peak	176.00	100	Vertical	Pass
3**	4353.000	39.66	-5.64	54.0	14.34	AV	176.00	100	Vertical	Pass
4	5515.500	108.06	-4.49	--	--	Peak	102.00	300	Vertical	N/A
4**	5515.500	99.47	-4.49	--	--	AV	102.00	300	Vertical	N/A
5	7575.250	55.03	-0.50	74.0	18.97	Peak	0.00	200	Vertical	Pass
5**	7575.250	45.32	-0.50	54.0	8.68	AV	0.00	200	Vertical	Pass
6	12426.762	52.16	0.62	74.0	21.84	Peak	47.00	300	Vertical	Pass
6**	12426.762	42.91	0.62	54.0	11.09	AV	47.00	300	Vertical	Pass

## 11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.700	40.48	-19.39	74.0	33.52	Peak	161.00	100	Horizontal	Pass
1**	1540.700	29.94	-19.39	54.0	24.06	AV	161.00	100	Horizontal	Pass
2	2786.100	45.14	-10.05	74.0	28.86	Peak	241.00	100	Horizontal	Pass
2**	2786.100	35.89	-10.05	54.0	18.11	AV	241.00	100	Horizontal	Pass
3	4343.500	47.50	-5.91	74.0	26.50	Peak	1.00	100	Horizontal	Pass
3**	4343.500	39.17	-5.91	54.0	14.83	AV	1.00	100	Horizontal	Pass
4	5587.250	107.97	-4.70	--	--	Peak	113.00	100	Horizontal	N/A
4**	5587.250	99.35	-4.70	--	--	AV	113.00	100	Horizontal	N/A
5	5990.750	57.59	-4.93	68.2	10.61	Peak	76.00	150	Horizontal	Pass
5**	5990.750	48.37	-4.93	--	--	AV	76.00	150	Horizontal	N/A
6	12455.500	52.92	0.85	74.0	21.08	Peak	162.00	300	Horizontal	Pass
6**	12455.500	43.36	0.85	54.0	10.64	AV	162.00	300	Horizontal	Pass

## 11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.000	41.56	-19.67	74.0	32.44	Peak	282.00	200	Vertical	Pass
1**	1531.000	31.42	-19.67	54.0	22.58	AV	282.00	200	Vertical	Pass
2	2782.500	45.42	-9.89	74.0	28.58	Peak	264.00	300	Vertical	Pass
2**	2782.500	36.38	-9.89	54.0	17.62	AV	264.00	300	Vertical	Pass
3	4373.500	47.75	-6.93	74.0	26.25	Peak	100.00	200	Vertical	Pass
3**	4373.500	37.58	-6.93	54.0	16.42	AV	100.00	200	Vertical	Pass
4	5595.500	106.93	-4.26	--	--	Peak	100.00	100	Vertical	N/A
4**	5595.500	97.62	-4.26	--	--	AV	100.00	100	Vertical	N/A
5	7585.750	55.06	0.05	74.0	18.94	Peak	287.00	150	Vertical	Pass
5**	7585.750	45.79	0.05	54.0	8.21	AV	287.00	150	Vertical	Pass
6	12270.963	52.85	0.49	74.0	21.15	Peak	197.00	400	Vertical	Pass
6**	12270.963	42.59	0.49	54.0	11.41	AV	197.00	400	Vertical	Pass

## 11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.800	39.37	-19.71	74.0	34.63	Peak	171.00	400	Horizontal	Pass
1**	1536.800	29.29	-19.71	54.0	24.71	AV	171.00	400	Horizontal	Pass
2	2776.200	44.99	-10.75	74.0	29.01	Peak	338.00	100	Horizontal	Pass
2**	2776.200	35.75	-10.75	54.0	18.25	AV	338.00	100	Horizontal	Pass
3	4336.250	48.90	-5.80	74.0	25.10	Peak	325.00	150	Horizontal	Pass
3**	4336.250	38.26	-5.80	54.0	15.74	AV	325.00	150	Horizontal	Pass
4	5661.000	108.11	-5.28	--	--	Peak	118.00	200	Horizontal	N/A
4**	5661.000	98.84	-5.28	--	--	AV	118.00	200	Horizontal	N/A
5	7579.000	54.70	0.18	74.0	19.30	Peak	0.00	200	Horizontal	Pass
5**	7579.000	45.49	0.18	54.0	8.51	AV	0.00	200	Horizontal	Pass
6	12435.550	52.82	0.72	74.0	21.18	Peak	4.00	400	Horizontal	Pass
6**	12435.550	43.29	0.72	54.0	10.71	AV	4.00	400	Horizontal	Pass

## 11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.700	41.24	-19.71	74.0	32.76	Peak	281.00	200	Vertical	Pass
1**	1538.700	31.90	-19.71	54.0	22.10	AV	281.00	200	Vertical	Pass
2	2783.200	44.88	-9.54	74.0	29.12	Peak	105.00	100	Vertical	Pass
2**	2783.200	37.00	-9.54	54.0	17.00	AV	105.00	100	Vertical	Pass
3	3993.750	57.41	-7.47	74.0	16.59	Peak	226.00	200	Vertical	Pass
3**	3993.750	45.98	-7.47	54.0	8.02	AV	226.00	200	Vertical	Pass
4	5658.500	106.61	-5.57	--	--	Peak	108.00	200	Vertical	N/A
4**	5658.500	96.90	-5.57	--	--	AV	108.00	200	Vertical	N/A
5	7497.500	54.95	-0.37	74.0	19.05	Peak	206.00	200	Vertical	Pass
5**	7497.500	45.08	-0.37	54.0	8.92	AV	206.00	200	Vertical	Pass
6	12574.725	52.50	1.38	74.0	21.50	Peak	306.00	200	Vertical	Pass
6**	12574.725	42.93	1.38	54.0	11.07	AV	306.00	200	Vertical	Pass

## 11x80 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.300	39.93	-19.32	74.0	34.07	Peak	245.00	400	Horizontal	Pass
1**	1530.300	30.65	-19.32	54.0	23.35	AV	245.00	400	Horizontal	Pass
2	2782.500	44.57	-9.89	74.0	29.43	Peak	342.00	100	Horizontal	Pass
2**	2782.500	36.01	-9.89	54.0	17.99	AV	342.00	100	Horizontal	Pass
3	4342.500	47.76	-5.70	74.0	26.24	Peak	111.00	200	Horizontal	Pass
3**	4342.500	39.21	-5.70	54.0	14.79	AV	111.00	200	Horizontal	Pass
4	5522.500	103.38	-4.79	--	--	Peak	111.00	300	Horizontal	N/A
4**	5522.500	95.41	-4.79	--	--	AV	111.00	300	Horizontal	N/A
5	7692.500	54.23	-1.60	74.0	19.77	Peak	246.00	200	Horizontal	Pass
5**	7692.500	43.83	-1.60	54.0	10.17	AV	246.00	200	Horizontal	Pass
6	12408.475	52.40	0.41	74.0	21.60	Peak	83.00	300	Horizontal	Pass
6**	12408.475	42.71	0.41	54.0	11.29	AV	83.00	300	Horizontal	Pass

## 11x80 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.400	41.96	-19.36	74.0	32.04	Peak	286.00	200	Vertical	Pass
1**	1535.400	32.58	-19.36	54.0	21.42	AV	286.00	200	Vertical	Pass
2	2887.100	44.51	-11.27	74.0	29.49	Peak	199.00	400	Vertical	Pass
2**	2887.100	35.10	-11.27	54.0	18.90	AV	199.00	400	Vertical	Pass
3	4336.250	47.20	-5.80	74.0	26.80	Peak	0.00	100	Vertical	Pass
3**	4336.250	39.08	-5.80	54.0	14.92	AV	0.00	100	Vertical	Pass
4	5506.000	102.71	-3.98	--	--	Peak	98.00	200	Vertical	N/A
4**	5506.000	95.09	-3.98	--	--	AV	98.00	200	Vertical	N/A
5	7571.000	54.71	-0.60	74.0	19.29	Peak	210.00	100	Vertical	Pass
5**	7571.000	45.43	-0.60	54.0	8.57	AV	210.00	100	Vertical	Pass
6	12592.062	52.75	1.22	74.0	21.25	Peak	331.00	400	Vertical	Pass
6**	12592.062	42.73	1.22	54.0	11.27	AV	331.00	400	Vertical	Pass

## 11x80 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.000	40.55	-19.65	74.0	33.45	Peak	154.00	400	Horizontal	Pass
1**	1542.000	31.10	-19.65	54.0	22.90	AV	154.00	400	Horizontal	Pass
2	2783.100	45.75	-9.34	74.0	28.25	Peak	75.00	400	Horizontal	Pass
2**	2783.100	36.82	-9.34	54.0	17.18	AV	75.00	400	Horizontal	Pass
3	4349.500	47.76	-5.45	74.0	26.24	Peak	31.00	100	Horizontal	Pass
3**	4349.500	39.69	-5.45	54.0	14.31	AV	31.00	100	Horizontal	Pass
4	5584.500	103.95	-4.75	--	--	Peak	105.00	300	Horizontal	N/A
4**	5584.500	93.58	-4.75	--	--	AV	105.00	300	Horizontal	N/A
5	7545.750	54.09	-0.95	74.0	19.91	Peak	49.00	150	Horizontal	Pass
5**	7545.750	45.52	-0.95	54.0	8.48	AV	49.00	150	Horizontal	Pass
6	12578.050	52.27	1.35	74.0	21.73	Peak	112.00	400	Horizontal	Pass
6**	12578.050	43.31	1.35	54.0	10.69	AV	112.00	400	Horizontal	Pass

## 11x80 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.500	41.87	-19.68	74.0	32.13	Peak	161.00	300	Vertical	Pass
1**	1527.500	31.97	-19.68	54.0	22.03	AV	161.00	300	Vertical	Pass
2	2776.400	45.26	-10.63	74.0	28.74	Peak	94.00	400	Vertical	Pass
2**	2776.400	35.92	-10.63	54.0	18.08	AV	94.00	400	Vertical	Pass
3	3993.250	56.54	-7.62	74.0	17.46	Peak	236.00	200	Vertical	Pass
3**	3993.250	38.54	-7.62	54.0	15.46	AV	236.00	200	Vertical	Pass
4	5593.000	103.27	-4.80	--	--	Peak	107.00	300	Vertical	N/A
4**	5593.000	93.41	-4.80	--	--	AV	107.00	300	Vertical	N/A
5	5990.250	62.34	-5.21	68.2	5.86	Peak	107.00	150	Vertical	Pass
5**	5990.250	45.14	-5.21	--	--	AV	107.00	150	Vertical	N/A
6	12424.388	52.82	0.59	74.0	21.18	Peak	272.00	300	Vertical	Pass
6**	12424.388	43.80	0.59	54.0	10.20	AV	272.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.900	40.09	-19.68	74.0	33.91	Peak	164.00	300	Horizontal	Pass
1**	1541.900	31.85	-19.68	54.0	22.15	AV	164.00	300	Horizontal	Pass
2	2777.600	44.67	-10.12	74.0	29.33	Peak	147.00	400	Horizontal	Pass
2**	2777.600	36.36	-10.12	54.0	17.64	AV	147.00	400	Horizontal	Pass
3	4349.750	47.64	-5.56	74.0	26.36	Peak	235.00	100	Horizontal	Pass
3**	4349.750	39.26	-5.56	54.0	14.74	AV	235.00	100	Horizontal	Pass
4	5748.250	107.96	-5.77	--	--	Peak	126.00	200	Horizontal	N/A
4**	5748.250	99.78	-5.77	--	--	AV	126.00	200	Horizontal	N/A
5	7595.000	54.14	-0.79	74.0	19.86	Peak	271.00	200	Horizontal	Pass
5**	7595.000	44.92	-0.79	54.0	9.08	AV	271.00	200	Horizontal	Pass
6	12633.625	52.46	0.86	74.0	21.54	Peak	0.00	400	Horizontal	Pass
6**	12633.625	42.00	0.86	54.0	12.00	AV	0.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.500	41.83	-19.54	74.0	32.17	Peak	266.00	100	Vertical	Pass
1**	1538.500	31.03	-19.54	54.0	22.97	AV	266.00	100	Vertical	Pass
2	2786.600	44.70	-9.92	74.0	29.30	Peak	99.00	300	Vertical	Pass
2**	2786.600	37.21	-9.92	54.0	16.79	AV	99.00	300	Vertical	Pass
3	4340.000	47.55	-5.68	74.0	26.45	Peak	14.00	100	Vertical	Pass
3**	4340.000	39.53	-5.68	54.0	14.47	AV	14.00	100	Vertical	Pass
4	5749.500	105.01	-5.89	--	--	Peak	124.00	200	Vertical	N/A
4**	5749.500	97.81	-5.89	--	--	AV	124.00	200	Vertical	N/A
5	7582.000	54.22	-0.07	74.0	19.78	Peak	307.00	200	Vertical	Pass
5**	7582.000	45.65	-0.07	54.0	8.35	AV	307.00	200	Vertical	Pass
6	12555.725	52.84	1.56	74.0	21.16	Peak	252.00	200	Vertical	Pass
6**	12555.725	43.47	1.56	54.0	10.53	AV	252.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.500	39.51	-19.43	74.0	34.49	Peak	162.00	100	Horizontal	Pass
1**	1544.500	30.83	-19.43	54.0	23.17	AV	162.00	100	Horizontal	Pass
2	2785.400	44.75	-10.07	74.0	29.25	Peak	237.00	200	Horizontal	Pass
2**	2785.400	35.66	-10.07	54.0	18.34	AV	237.00	200	Horizontal	Pass
3	4378.250	47.87	-6.40	74.0	26.13	Peak	125.00	200	Horizontal	Pass
3**	4378.250	38.23	-6.40	54.0	15.77	AV	125.00	200	Horizontal	Pass
4	5790.000	109.49	-4.35	--	--	Peak	125.00	400	Horizontal	N/A
4**	5790.000	100.75	-4.35	--	--	AV	125.00	400	Horizontal	N/A
5	7541.250	53.75	-1.25	74.0	20.25	Peak	144.00	150	Horizontal	Pass
5**	7541.250	44.10	-1.25	54.0	9.90	AV	144.00	150	Horizontal	Pass
6	12330.812	52.83	0.70	74.0	21.17	Peak	298.00	300	Horizontal	Pass
6**	12330.812	43.77	0.70	54.0	10.23	AV	298.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.400	41.49	-19.96	74.0	32.51	Peak	276.00	400	Vertical	Pass
1**	1542.400	33.25	-19.96	54.0	20.75	AV	276.00	400	Vertical	Pass
2	2784.300	44.54	-10.41	74.0	29.46	Peak	151.00	400	Vertical	Pass
2**	2784.300	35.36	-10.41	54.0	18.64	AV	151.00	400	Vertical	Pass
3	3993.500	52.59	-7.46	74.0	21.41	Peak	267.00	150	Vertical	Pass
3**	3993.500	36.85	-7.46	54.0	17.15	AV	267.00	150	Vertical	Pass
4	5791.500	107.95	-3.98	--	--	Peak	114.00	400	Vertical	N/A
4**	5791.500	100.05	-3.98	--	--	AV	114.00	400	Vertical	N/A
5	5990.250	59.27	-5.21	68.2	8.93	Peak	132.00	150	Vertical	Pass
5**	5990.250	41.46	-5.21	--	--	AV	132.00	150	Vertical	N/A
6	12610.350	52.52	1.06	74.0	21.48	Peak	105.00	400	Vertical	Pass
6**	12610.350	42.92	1.06	54.0	11.08	AV	105.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.800	39.69	-19.19	74.0	34.31	Peak	163.00	200	Horizontal	Pass
1**	1540.800	31.85	-19.19	54.0	22.15	AV	163.00	200	Horizontal	Pass
2	2788.700	45.48	-10.28	74.0	28.52	Peak	267.00	200	Horizontal	Pass
2**	2788.700	36.52	-10.28	54.0	17.48	AV	267.00	200	Horizontal	Pass
3	4356.750	48.47	-6.10	74.0	25.53	Peak	291.00	150	Horizontal	Pass
3**	4356.750	39.59	-6.10	54.0	14.41	AV	291.00	150	Horizontal	Pass
4	5820.250	109.23	-4.02	--	--	Peak	125.00	100	Horizontal	N/A
4**	5820.250	101.83	-4.02	--	--	AV	125.00	100	Horizontal	N/A
5	7577.750	54.77	-0.00	74.0	19.23	Peak	163.00	200	Horizontal	Pass
5**	7577.750	45.44	-0.00	54.0	8.56	AV	163.00	200	Horizontal	Pass
6	12427.475	52.96	0.63	74.0	21.04	Peak	301.00	200	Horizontal	Pass
6**	12427.475	43.12	0.63	54.0	10.88	AV	301.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1537.700	42.10	-19.37	74.0	31.90	Peak	44.00	200	Vertical	Pass
1**	1537.700	31.07	-19.37	54.0	22.93	AV	44.00	200	Vertical	Pass
2	2790.600	45.40	-10.80	74.0	28.60	Peak	336.00	200	Vertical	Pass
2**	2790.600	35.18	-10.80	54.0	18.82	AV	336.00	200	Vertical	Pass
3	4129.750	48.26	-6.37	74.0	25.74	Peak	35.00	200	Vertical	Pass
3**	4129.750	38.72	-6.37	54.0	15.28	AV	35.00	200	Vertical	Pass
4	5826.000	108.37	-4.05	--	--	Peak	293.00	300	Vertical	N/A
4**	5826.000	100.94	-4.05	--	--	AV	293.00	300	Vertical	N/A
5	7625.750	54.34	-0.98	74.0	19.66	Peak	360.00	150	Vertical	Pass
5**	7625.750	44.98	-0.98	54.0	9.02	AV	360.00	150	Vertical	Pass
6	12579.237	52.32	1.34	74.0	21.68	Peak	8.00	200	Vertical	Pass
6**	12579.237	43.09	1.34	54.0	10.91	AV	8.00	200	Vertical	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.900	40.44	-19.04	74.0	33.56	Peak	153.00	100	Horizontal	Pass
1**	1528.900	30.24	-19.04	54.0	23.76	AV	153.00	100	Horizontal	Pass
2	2777.300	44.84	-10.20	74.0	29.16	Peak	82.00	200	Horizontal	Pass
2**	2777.300	36.46	-10.20	54.0	17.54	AV	82.00	200	Horizontal	Pass
3	4333.250	47.07	-5.74	74.0	26.93	Peak	163.00	100	Horizontal	Pass
3**	4333.250	38.83	-5.74	54.0	15.17	AV	163.00	100	Horizontal	Pass
4	5750.250	107.75	-5.66	--	--	Peak	126.00	100	Horizontal	N/A
4**	5750.250	100.96	-5.66	--	--	AV	126.00	100	Horizontal	N/A
5	7581.750	54.02	-0.34	74.0	19.98	Peak	236.00	200	Horizontal	Pass
5**	7581.750	45.39	-0.34	54.0	8.61	AV	236.00	200	Horizontal	Pass
6	12610.825	53.34	1.06	74.0	20.66	Peak	345.00	200	Horizontal	Pass
6**	12610.825	43.11	1.06	54.0	10.89	AV	345.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.800	41.65	-19.19	74.0	32.35	Peak	275.00	200	Vertical	Pass
1**	1540.800	32.53	-19.19	54.0	21.47	AV	275.00	200	Vertical	Pass
2	2782.900	44.70	-9.58	74.0	29.30	Peak	12.00	300	Vertical	Pass
2**	2782.900	36.93	-9.58	54.0	17.07	AV	12.00	300	Vertical	Pass
3	3993.750	55.05	-7.47	74.0	18.95	Peak	255.00	200	Vertical	Pass
3**	3993.750	42.09	-7.47	54.0	11.91	AV	255.00	200	Vertical	Pass
4	5749.250	105.46	-5.94	--	--	Peak	127.00	400	Vertical	N/A
4**	5749.250	97.82	-5.94	--	--	AV	127.00	400	Vertical	N/A
5	5990.000	59.98	-5.20	68.2	8.22	Peak	127.00	150	Vertical	Pass
5**	5990.000	41.55	-5.20	--	--	AV	127.00	150	Vertical	N/A
6	12635.050	52.88	0.85	74.0	21.12	Peak	227.00	100	Vertical	Pass
6**	12635.050	42.95	0.85	54.0	11.05	AV	227.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.100	39.71	-19.18	74.0	34.29	Peak	242.00	200	Horizontal	Pass
1**	1529.100	31.00	-19.18	54.0	23.00	AV	242.00	200	Horizontal	Pass
2	2786.100	45.83	-10.05	74.0	28.17	Peak	242.00	300	Horizontal	Pass
2**	2786.100	36.41	-10.05	54.0	17.59	AV	242.00	300	Horizontal	Pass
3	4139.750	47.06	-6.42	74.0	26.94	Peak	181.00	200	Horizontal	Pass
3**	4139.750	37.55	-6.42	54.0	16.45	AV	181.00	200	Horizontal	Pass
4	5791.250	109.28	-3.87	--	--	Peak	125.00	300	Horizontal	N/A
4**	5791.250	101.76	-3.87	--	--	AV	125.00	300	Horizontal	N/A
5	7587.750	54.38	-0.44	74.0	19.62	Peak	348.00	200	Horizontal	Pass
5**	7587.750	45.75	-0.44	54.0	8.25	AV	348.00	200	Horizontal	Pass
6	12435.075	52.72	0.71	74.0	21.28	Peak	222.00	300	Horizontal	Pass
6**	12435.075	44.38	0.71	54.0	9.62	AV	222.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.100	41.68	-19.26	74.0	32.32	Peak	34.00	200	Vertical	Pass
1**	1544.100	34.83	-19.26	54.0	19.17	AV	34.00	200	Vertical	Pass
2	2788.200	44.57	-10.74	74.0	29.43	Peak	193.00	100	Vertical	Pass
2**	2788.200	35.96	-10.74	54.0	18.04	AV	193.00	100	Vertical	Pass
3	4078.750	48.00	-6.79	74.0	26.00	Peak	217.00	200	Vertical	Pass
3**	4078.750	37.83	-6.79	54.0	16.17	AV	217.00	200	Vertical	Pass
4	5777.250	106.73	-5.11	--	--	Peak	124.00	400	Vertical	N/A
4**	5777.250	98.92	-5.11	--	--	AV	124.00	400	Vertical	N/A
5	7582.750	54.62	0.29	74.0	19.38	Peak	70.00	200	Vertical	Pass
5**	7582.750	45.77	0.29	54.0	8.23	AV	70.00	200	Vertical	Pass
6	12250.299	52.47	0.37	74.0	21.53	Peak	251.00	300	Vertical	Pass
6**	12250.299	43.07	0.37	54.0	10.93	AV	251.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.000	39.97	-19.31	74.0	34.03	Peak	244.00	400	Horizontal	Pass
1**	1541.000	31.61	-19.31	54.0	22.39	AV	244.00	400	Horizontal	Pass
2	2782.900	44.92	-9.58	74.0	29.08	Peak	344.00	400	Horizontal	Pass
2**	2782.900	36.87	-9.58	54.0	17.13	AV	344.00	400	Horizontal	Pass
3	4338.250	47.60	-6.11	74.0	26.40	Peak	360.00	150	Horizontal	Pass
3**	4338.250	39.48	-6.11	54.0	14.52	AV	360.00	150	Horizontal	Pass
4	5831.500	109.25	-4.40	--	--	Peak	126.00	300	Horizontal	N/A
4**	5831.500	100.60	-4.40	--	--	AV	126.00	300	Horizontal	N/A
5	7578.000	53.85	-0.02	74.0	20.15	Peak	89.00	100	Horizontal	Pass
5**	7578.000	45.62	-0.02	54.0	8.38	AV	89.00	100	Horizontal	Pass
6	12579.237	54.01	1.34	74.0	19.99	Peak	359.00	200	Horizontal	Pass
6**	12579.237	44.26	1.34	54.0	9.74	AV	359.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.000	41.69	-19.32	74.0	32.31	Peak	276.00	200	Vertical	Pass
1**	1544.000	31.96	-19.32	54.0	22.04	AV	276.00	200	Vertical	Pass
2	2782.300	44.72	-9.93	74.0	29.28	Peak	5.00	100	Vertical	Pass
2**	2782.300	36.33	-9.93	54.0	17.67	AV	5.00	100	Vertical	Pass
3	3993.250	52.71	-7.62	74.0	21.29	Peak	250.00	100	Vertical	Pass
3**	3993.250	36.55	-7.62	54.0	17.45	AV	250.00	100	Vertical	Pass
4	5830.500	108.18	-4.46	--	--	Peak	114.00	400	Vertical	N/A
4**	5830.500	100.12	-4.46	--	--	AV	114.00	400	Vertical	N/A
5	7583.000	54.53	0.28	74.0	19.47	Peak	94.00	100	Vertical	Pass
5**	7583.000	45.42	0.28	54.0	8.58	AV	94.00	100	Vertical	Pass
6	12269.537	52.43	0.48	74.0	21.57	Peak	222.00	100	Vertical	Pass
6**	12269.537	43.12	0.48	54.0	10.88	AV	222.00	100	Vertical	Pass