

# TEST REPORT

**Applicant:** SEUIC Technologies Co., Ltd.  
**Address:** NO.15 Xinghuo Road, Nanjing New & High  
Technology Industry Development Zone, 210061,  
Nanjing City, Jiangsu Province, China  
**Equipment Type:** Portable Data Collection Terminal  
**Model Name:** AUTOID10 (refer section 2.4)  
**Brand Name:** AUTOID, Seuic  
**FCC ID:** 2AC68-AUTOID10  
**Test Standard:** 47 CFR Part 15 Subpart E  
(refer section 3.1)  
**Test Date:** Jul. 13, 2022 - Jul. 27, 2022  
**Date of Issue:** Aug. 10, 2022

**ISSUED BY:**

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Yu Yingyuan**Checked by:** Ye Hongji**Approved by:** Liao Jianming  
(Technical Director)  
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<b>Revision History</b>		
Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Aug. 10, 2022</u>	<u>Initial Issue</u>

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# 1 GENERAL INFORMATION

## 1.1 Identification of the Testing Laboratory

Company Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe West Road, Nanshan District, ShenZhen, GuangDong Province, China
Phone Number	+86 755 6685 0100

## 1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe West Road, Nanshan District, ShenZhen, GuangDong Province, China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.
Description	All measurement facilities used to collect the measurement data are located at Block B, 1/F, Baisha Science and Technology Park, Shahe West Road, Nanshan District, ShenZhen, GuangDong Province, China

## 2 PRODUCT INFORMATION

### 2.1 Applicant Information

Applicant	SEUIC Technologies Co., Ltd.
Address	NO.15 Xinghuo Road, Nanjing New & High Technology Industry Development Zone, 210061, Nanjing City, Jiangsu Province, China

### 2.2 Manufacturer Information

Manufacturer	SEUIC Technologies Co., Ltd.
Address	NO.15 Xinghuo Road, Nanjing New & High Technology Industry Development Zone, 210061, Nanjing City, Jiangsu Province, China

### 2.3 Factory Information

Factory	SEUIC Technologies Co., Ltd.
Address	3rd Floor, No.4 Building, Zhicheng Industrial Park, Zhida Road, Nanjing Jiangbei New Area, Nanjing City, China

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

EUT Name	Portable Data Collection Terminal
Model Name Under Test	AUTOID10
Series Model Name	AUTOID10N, AUTOID10HC, AUTOID10L, AUTOID10R, AUTOID10B, AUTOID10P, AUTOID10I, AUTOID10-6L, AUTOID10C, AUTOID10X, AUTOID10U, AUTOID10W, AUTOID10E, AUTOID10T, AUTOID10G, AUTOID10D, AUTOID10 1/2, AUTOID10F
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in model name and color.
Hardware Version	D560_Main_PCB_V3.1
Software Version	V1.0.30
Dimensions (Approx.)	160.34*67.02*19.9mm
Weight (Approx.)	N/A

## 2.5 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EGPRS 850/ 1900 MHz 3G Network CDMA 1x Band Class 0 EVDO Rel. 0/Rev. A Band Class 0 WCDMA/HSDPA/HSUPA Band 2/ 5 4G Network FDD LTE Band 5/ 7 TDD LTE Band 38/ 41 Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20) 5G WIFI 802.11a, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, GPS, Beidou, GLONASS, Galileo, NFC
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	<input type="checkbox"/> Mobile <input checked="" type="checkbox"/> Portable <input type="checkbox"/> Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 16.85 dBm U-NII-2A: 17.45 dBm U-NII-2C: 17.47 dBm U-NII-3: 16.94 dBm
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 1.62 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.62 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.62 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.62 dBi

	(In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
About the Product	The equipment is Portable Data Collection Terminal, intended for used with information technology equipment.

## 2.6 Additional Instructions

EUT Software Settings:

Mode	<input checked="" type="checkbox"/> Special software is used. The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.
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During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

Test Software Version	QRCT4		
Support Units (Software installation media)	Description	Manufacturer	Model
	Notebook	HP	N/A

U-NII-1 (5150 - 5250 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH36	5180	15.00
11a	CH44	5220	15.00
11a	CH48	5240	15.00
11n (HT20)	CH36	5180	15.00
11n (HT20)	CH44	5220	15.00
11n (HT20)	CH48	5240	15.00
11n (HT40)	CH38	5190	15.00
11n (HT40)	CH46	5230	15.00
11ac (VHT20)	CH36	5180	15.00
11ac (VHT20)	CH44	5220	15.00
11ac (VHT20)	CH48	5240	15.00
11ac (VHT40)	CH38	5190	15.00
11ac (VHT40)	CH46	5230	15.00
11ac (VHT80)	CH42	5210	15.00



U-NII-2A (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH52	5260	15.00
11a	CH60	5300	15.00
11a	CH64	5320	15.00
11n (HT20)	CH52	5260	15.00
11n (HT20)	CH60	5300	15.00
11n (HT20)	CH64	5320	15.00
11n (HT40)	CH54	5270	15.00
11n (HT40)	CH62	5310	15.00
11ac (VHT20)	CH52	5260	15.00
11ac (VHT20)	CH60	5300	15.00
11ac (VHT20)	CH64	5320	15.00
11ac (VHT40)	CH54	5270	15.00
11ac (VHT40)	CH62	5310	15.00
11ac (VHT80)	CH58	5290	15.00

U-NII-2C (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH100	5500	15.00
11a	CH116	5580	15.00
11a	CH140	5700	15.00
11n (HT20)	CH100	5500	15.00
11n (HT20)	CH116	5580	15.00
11n (HT20)	CH140	5700	15.00
11n (HT40)	CH102	5510	15.00
11n (HT40)	CH118	5590	15.00
11n (HT40)	CH134	5670	15.00
11ac (VHT20)	CH100	5500	15.00
11ac (VHT20)	CH116	5580	15.00
11ac (VHT20)	CH140	5700	15.00
11ac (VHT40)	CH102	5510	15.00
11ac (VHT40)	CH118	5590	15.00
11ac (VHT40)	CH134	5670	15.00
11ac (VHT80)	CH106	5530	15.00
11ac (VHT80)	CH122	5610	15.00

U-NII-3 (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH149	5745	15.00
11a	CH157	5785	15.00
11a	CH165	5825	15.00
11n (HT20)	CH149	5745	15.00
11n (HT20)	CH157	5785	15.00
11n (HT20)	CH165	5825	15.00
11n (HT40)	CH151	5755	15.00
11n (HT40)	CH159	5795	15.00
11ac (VHT20)	CH149	5745	15.00
11ac (VHT20)	CH157	5785	15.00
11ac (VHT20)	CH165	5825	15.00
11ac (VHT40)	CH151	5755	15.00
11ac (VHT40)	CH159	5795	15.00
11ac (VHT80)	CH155	5775	15.00

U-NII-2C (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH144	5720	15.00
11n (HT20)	CH144	5720	15.00
11n (HT40)	CH142	5710	15.00
11ac (VHT20)	CH144	5720	15.00
11ac (VHT40)	CH142	5710	15.00
11ac (VHT80)	CH138	5690	15.00

U-NII-3 (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH144	5720	15.00
11n (HT20)	CH144	5720	15.00
11n (HT40)	CH142	5710	15.00
11ac (VHT20)	CH144	5720	15.00
11ac (VHT40)	CH142	5710	15.00
11ac (VHT80)	CH138	5690	15.00

### Run Software:

The screenshot displays the Qualcomm Radio Control Tool interface. The top menu bar includes 'File', 'View', 'Settings', and 'Help'. The main window is divided into several sections:

- TX SETUP:** A list of configuration parameters for the transmitter, including PHY Mode (PhyA\_only), Phy ID (PhyA), Tx Mode (Cont. Tx TX99), Channel (5180), Channel2, TX Power Control (TxPowerForce\_CLPC), TX Power(dBm) (15), HT Mode (No\_HT), Data Rate (RATE\_6Mbps), Tx Pattern (PN9\_PATTERN), Short Guard (OFF), Aggregate (1), Duty Cycle(0-100%) (10), and # of packets(0 for Cont.) (0).
- TX REPORT:** A table showing various performance metrics and properties.
- Activity:** A log window showing real-time status updates.

Property	PHY
Good Packets	---
ThermCal 1	---
ThermCal 2	---
RSSI	---
Throughput	---
Gain Index	---
DAC GAIN	---
PACFG	---
PDADC1	---
PDADC2	---
PDADC3	---
PDADC4	---
LatestMeasPwrOut1	---
LatestMeasPwrOut2	---

The Activity log shows the following messages:

```
05:29:37.176 Info QLIB_FTM_WLAN_TLV2_AddParam(broadcast, 1)
05:29:37.176 Info QLIB_FTM_WLAN_TLV2_AddParam(shortGuard, 0)
05:29:37.176 Info QLIB_FTM_WLAN_TLV2_AddParam(numPackets, 0)
05:29:37.176 Info QLIB_FTM_WLAN_TLV2_AddParam(txPattern, 4)
05:29:37.176 Info QLIB_FTM_WLAN_TLV2_AddParam(flags, 30)
05:29:37.176 Info QLIB_FTM_WLAN_TLV2_Complete()
05:29:37.176 Info REC: SUCCESS
```

At the bottom of the interface, the status bar shows: 'COM 50: Connected', 'D560\_EMCP\_20220421.1', 'Connection Method: QPST', 'Polling Status: Enabled', and 'Mode: ONLINE'.

## 2.7 Channel List

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

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

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

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

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

## For 802.11n(HT40)/ac(VHT40)

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

U-NII-2C (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)

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

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

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

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

### 3 SUMMARY OF TEST RESULTS

#### 3.1 Test Standards

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

#### 3.2 Test Verdict

No.	Description	FCC Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass <sup>Note1</sup>
2	RF Output Power	15.407(a)	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	ANNEX A.4	Pass
6	Conducted Emission	15.207	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	ANNEX A.6	Pass
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	57% to 66%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.2°C to +24.4°C
	LT (Low Temperature)	-20°C
	HT (High Temperature)	+50°C
Working Voltage of the EUT	NV (Normal Voltage)	3.85 V
	LV (Low Voltage)	3.40 V
	HV (High Voltage)	4.40 V

### 4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2022.01.04	2023.01.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2022.05.19	2023.05.18
Power Sensor	ROHDE&SCHWARZ	NRP18S	102521	2022.03.09	2023.03.08
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2021.09.08	2022.09.07
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2021.09.13	2022.09.12
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2021.10.10	2022.10.09
LISN	SCHWARZBECK	NSLK 8127	8127-687	2022.06.01	2023.05.31
Test Antenna Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9168	00883	2022.04.01	2025.03.31
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	02460	2021.05.19	2024.05.08
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	2021.08.16	2024.08.15
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	N/A	2021.08.15	2024.08.14



### 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%

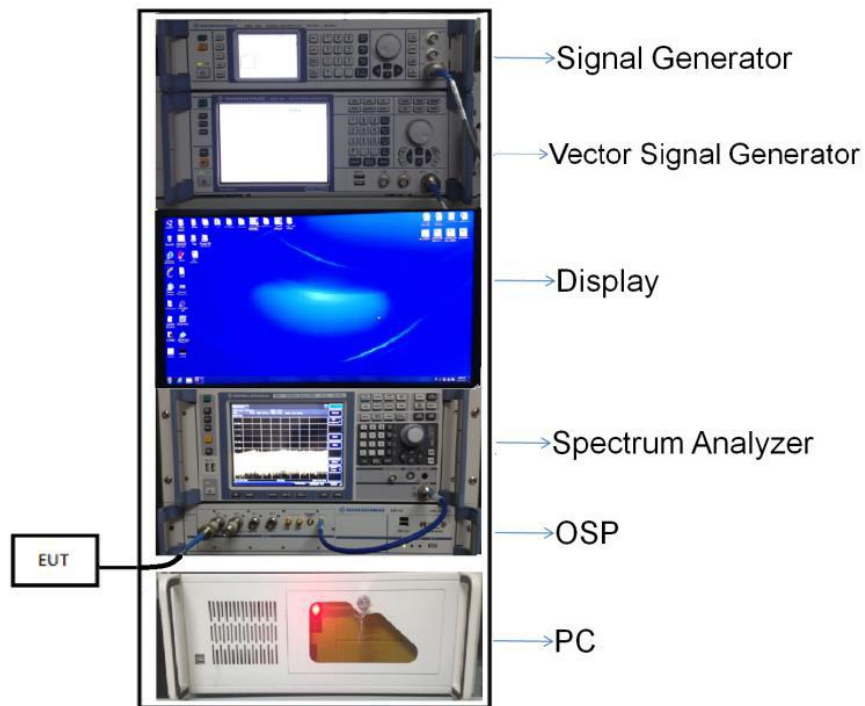
## 4.5 Description of Test Setup

### 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



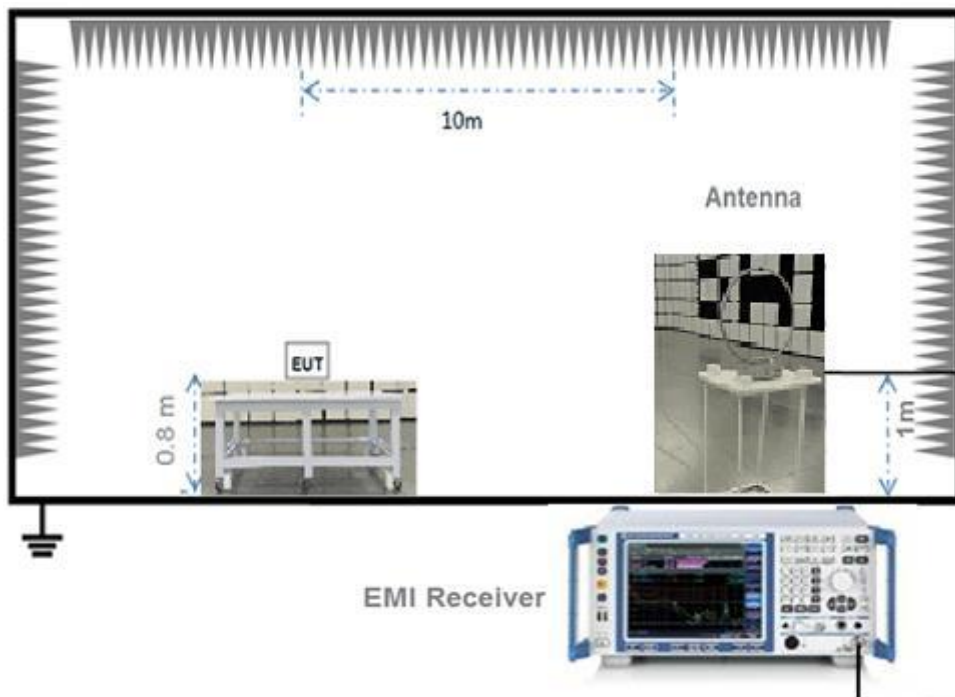
(Diagram 1)

### 4.5.2 For AC Power Supply Port Test



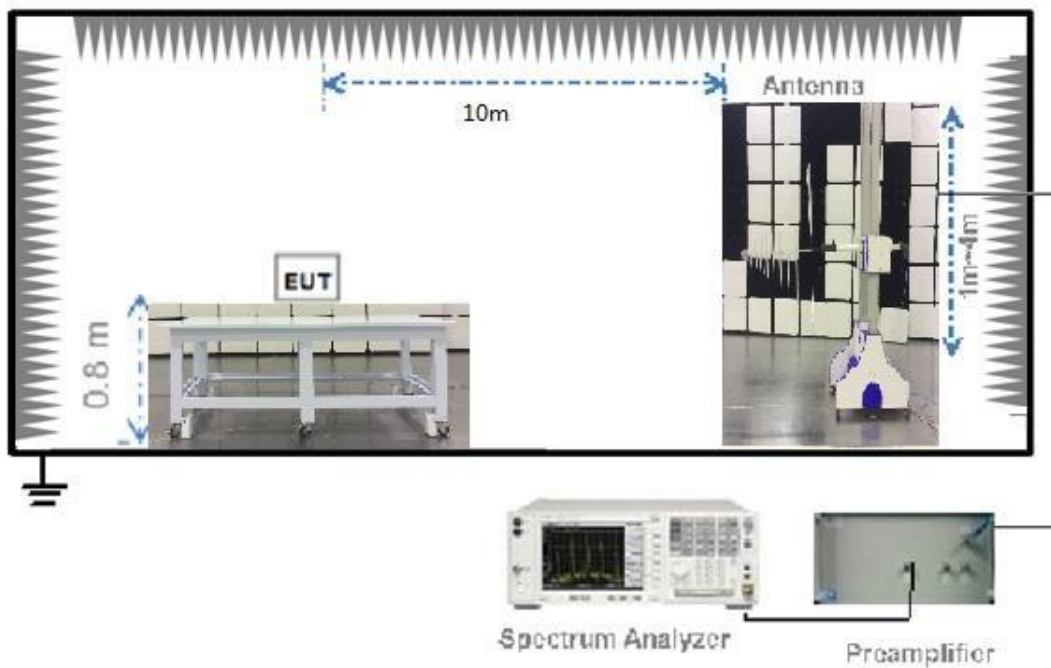
(Diagram 2)

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



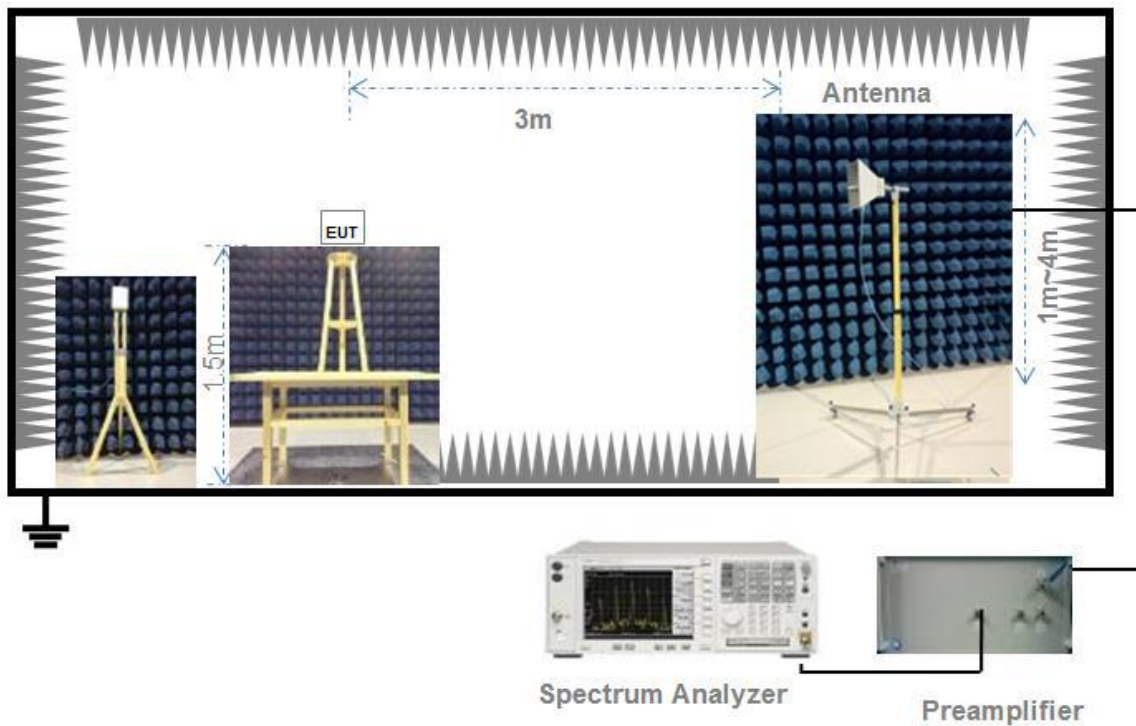
(Diagram 3)

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

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

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

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

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

## 5.5.2 Test Setup

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

## 5.5.3 Test Procedure

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

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

### General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

### Quasi-Peak measurement procedure

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

Electrotechnical Commission.

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

#### Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

averaging shall not be used.

g) Sweep time = auto.

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

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

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

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

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

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

#### Determining the applicable transmit antenna gain

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

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

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

#### Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

#### 5.5.4 Test Result

Please refer to ANNEX A.6.

## ANNEX A TEST RESULT

### A.1 RF Output Power

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

#### Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	2.029	2.067	98.16%
11n (HT20)/11ac (VHT20)	1.895	1.933	98.03%
11n (HT40)/11ac (VHT40)	0.937	0.973	96.27%
11ac (VHT80)	0.456	0.492	92.68%

#### Test Data

##### Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.24	33.42	250	Pass
11a	CH44	15.33	34.12	250	Pass
11a	CH48	15.57	36.06	250	Pass
11n (HT20)	CH36	15.26	33.57	250	Pass
11n (HT20)	CH44	15.31	33.96	250	Pass
11n (HT20)	CH48	15.41	34.75	250	Pass
11n (HT40)	CH38	16.70	46.77	250	Pass
11n (HT40)	CH46	16.81	47.97	250	Pass
11ac (VHT20)	CH36	15.60	36.31	250	Pass
11ac (VHT20)	CH44	15.26	33.57	250	Pass
11ac (VHT20)	CH48	15.42	34.83	250	Pass
11ac (VHT40)	CH38	16.82	48.08	250	Pass
11ac (VHT40)	CH46	16.85	48.42	250	Pass
11ac (VHT80)	CH42	16.63	46.03	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.73	29.72	250	Pass
11a	CH60	15.11	32.43	250	Pass
11a	CH64	15.36	34.36	250	Pass
11n (HT20)	CH52	15.46	35.16	250	Pass
11n (HT20)	CH60	15.76	37.67	250	Pass
11n (HT20)	CH64	15.94	39.26	250	Pass
11n (HT40)	CH54	17.25	53.09	250	Pass
11n (HT40)	CH62	17.45	55.59	250	Pass
11ac (VHT20)	CH52	15.30	33.88	250	Pass
11ac (VHT20)	CH60	15.72	37.33	250	Pass
11ac (VHT20)	CH64	16.01	39.90	250	Pass
11ac (VHT40)	CH54	17.11	51.40	250	Pass
11ac (VHT40)	CH62	17.35	54.33	250	Pass
11ac (VHT80)	CH58	16.95	49.55	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	15.02	31.77	250	Pass
11a	CH116	15.22	33.27	250	Pass
11a	CH140	15.59	36.22	250	Pass
11n (HT20)	CH100	15.64	36.64	250	Pass
11n (HT20)	CH116	15.76	37.67	250	Pass
11n (HT20)	CH140	15.44	34.99	250	Pass
11n (HT40)	CH102	17.32	53.95	250	Pass
11n (HT40)	CH118	17.45	55.59	250	Pass
11n (HT40)	CH134	17.22	52.72	250	Pass
11ac (VHT20)	CH100	15.64	36.64	250	Pass
11ac (VHT20)	CH116	15.80	38.02	250	Pass
11ac (VHT20)	CH140	15.48	35.32	250	Pass
11ac (VHT40)	CH102	17.32	53.95	250	Pass
11ac (VHT40)	CH118	17.47	55.85	250	Pass
11ac (VHT40)	CH134	17.37	54.58	250	Pass
11ac (VHT80)	CH106	16.72	46.99	250	Pass
11ac (VHT80)	CH122	16.92	49.20	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	15.13	32.58	1000	Pass
11a	CH157	15.41	34.75	1000	Pass
11a	CH165	15.37	34.43	1000	Pass
11n (HT20)	CH149	15.01	31.70	1000	Pass
11n (HT20)	CH157	15.26	33.57	1000	Pass
11n (HT20)	CH165	15.25	33.50	1000	Pass
11n (HT40)	CH151	16.83	48.19	1000	Pass
11n (HT40)	CH159	16.94	49.43	1000	Pass
11ac (VHT20)	CH149	15.02	31.77	1000	Pass
11ac (VHT20)	CH157	15.24	33.42	1000	Pass
11ac (VHT20)	CH165	15.21	33.19	1000	Pass
11ac (VHT40)	CH151	16.68	46.56	1000	Pass
11ac (VHT40)	CH159	16.94	49.43	1000	Pass
11ac (VHT80)	CH155	16.55	45.19	1000	Pass

U-NII-2C straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	15.57	36.06	205	Pass
11n (HT20)	CH144	15.38	34.51	213	Pass
11n (HT40)	CH142	17.30	53.70	250	Pass
11ac (VHT20)	CH144	15.40	34.67	210	Pass
11ac (VHT40)	CH142	17.25	53.09	250	Pass
11ac (VHT80)	CH138	16.42	43.85	250	Pass

U-NII-3 straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	15.57	36.06	1000	Pass
11n (HT20)	CH144	15.38	34.51	1000	Pass
11n (HT40)	CH142	17.30	53.70	1000	Pass
11ac (VHT20)	CH144	15.40	34.67	1000	Pass
11ac (VHT40)	CH142	17.25	53.09	1000	Pass
11ac (VHT80)	CH138	16.42	43.85	1000	Pass



## A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2270322-604 Data Part 1.pdf".

### Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	23.09	16.62
11a	CH44	22.54	16.63
11a	CH48	22.78	16.60
11n (HT20)	CH36	23.44	17.75
11n (HT20)	CH44	23.58	17.77
11n (HT20)	CH48	23.81	17.77
11n (HT40)	CH38	41.92	36.25
11n (HT40)	CH46	41.99	36.23
11ac (VHT20)	CH36	23.58	17.76
11ac (VHT20)	CH44	23.56	17.77
11ac (VHT20)	CH48	23.70	17.76
11ac (VHT40)	CH38	41.90	36.23
11ac (VHT40)	CH46	41.88	36.25
11ac (VHT80)	CH42	85.70	75.89

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	22.87	16.61
11a	CH60	22.77	16.60
11a	CH64	22.63	16.62
11n (HT20)	CH52	23.39	17.75
11n (HT20)	CH60	23.32	17.77
11n (HT20)	CH64	23.97	17.75
11n (HT40)	CH54	41.78	36.24
11n (HT40)	CH62	42.10	36.25
11ac (VHT20)	CH52	23.41	17.76
11ac (VHT20)	CH60	23.27	17.76
11ac (VHT20)	CH64	23.53	17.76
11ac (VHT40)	CH54	41.85	36.28
11ac (VHT40)	CH62	41.78	36.27
11ac (VHT80)	CH58	86.04	75.91

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	22.53	16.62
11a	CH116	23.06	16.61
11a	CH140	22.59	16.64
11n (HT20)	CH100	23.42	17.76
11n (HT20)	CH116	23.57	17.76
11n (HT20)	CH140	23.73	17.76
11n (HT40)	CH102	41.78	36.25
11n (HT40)	CH118	41.97	36.22
11n (HT40)	CH134	42.01	36.22
11ac (VHT20)	CH100	23.77	17.76
11ac (VHT20)	CH116	23.66	17.77
11ac (VHT20)	CH140	23.45	17.77
11ac (VHT40)	CH102	41.92	36.25
11ac (VHT40)	CH118	42.05	36.24
11ac (VHT40)	CH134	42.05	36.25
11ac (VHT80)	CH106	85.84	75.88
11ac (VHT80)	CH122	85.88	75.90

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	22.96	16.63
11a	CH157	23.00	16.62
11a	CH165	23.18	16.64
11n (HT20)	CH149	23.57	17.78
11n (HT20)	CH157	23.83	17.78
11n (HT20)	CH165	23.67	17.79
11n (HT40)	CH151	41.87	36.26
11n (HT40)	CH159	41.72	36.22
11ac (VHT20)	CH149	23.74	17.77
11ac (VHT20)	CH157	23.95	17.75
11ac (VHT20)	CH165	23.84	17.78
11ac (VHT40)	CH151	41.97	36.29
11ac (VHT40)	CH159	41.67	36.21
11ac (VHT80)	CH155	86.06	75.89

U-NII-2C straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	16.30	13.30
11n (HT20)	CH144	16.90	13.90
11n (HT40)	CH142	36.00	33.10
11ac (VHT20)	CH144	16.70	13.90
11ac (VHT40)	CH142	35.80	33.10
11ac (VHT80)	CH138	77.60	72.90

U-NII-3 straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	6.30	3.30
11n (HT20)	CH144	6.70	3.90
11n (HT40)	CH142	6.10	3.10
11ac (VHT20)	CH144	7.10	3.90
11ac (VHT40)	CH142	6.20	3.10
11ac (VHT80)	CH138	8.60	3.00

### A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2270322-604 Data Part 2.pdf".

#### Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.45	500.00	Pass
11a	CH157	15.25	500.00	Pass
11a	CH165	15.55	500.00	Pass
11n (HT20)	CH149	15.50	500.00	Pass
11n (HT20)	CH157	16.35	500.00	Pass
11n (HT20)	CH165	15.55	500.00	Pass
11n (HT40)	CH151	36.15	500.00	Pass
11n (HT40)	CH159	35.50	500.00	Pass
11ac (VHT20)	CH149	15.25	500.00	Pass
11ac (VHT20)	CH157	15.25	500.00	Pass
11ac (VHT20)	CH165	15.55	500.00	Pass
11ac (VHT40)	CH151	36.15	500.00	Pass
11ac (VHT40)	CH159	35.85	500.00	Pass
11ac (VHT80)	CH155	75.25	500.00	Pass

U-NII-3 straddle channel				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH144	2.55	500.00	Pass
11n (HT20)	CH144	2.60	500.00	Pass
11n (HT40)	CH142	2.85	500.00	Pass
11ac (VHT20)	CH144	2.60	500.00	Pass
11ac (VHT40)	CH142	2.95	500.00	Pass
11ac (VHT80)	CH138	2.60	500.00	Pass

## A.4 Power Spectral Density

Note <sup>1</sup>: Test plots please refer to the document "Annex No.: BL-SZ2270322-604 Data Part 3.pdf".

### Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	5.17	11.00	Pass
11a	CH44	4.80	11.00	Pass
11a	CH48	5.22	11.00	Pass
11n (HT20)	CH36	4.91	11.00	Pass
11n (HT20)	CH44	4.49	11.00	Pass
11n (HT20)	CH48	4.83	11.00	Pass
11n (HT40)	CH38	3.33	11.00	Pass
11n (HT40)	CH46	3.19	11.00	Pass
11ac (VHT20)	CH36	4.86	11.00	Pass
11ac (VHT20)	CH44	4.43	11.00	Pass
11ac (VHT20)	CH48	4.86	11.00	Pass
11ac (VHT40)	CH38	3.41	11.00	Pass
11ac (VHT40)	CH46	3.29	11.00	Pass
11ac (VHT80)	CH42	-0.66	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	5.32	11.00	Pass
11a	CH60	5.45	11.00	Pass
11a	CH64	5.90	11.00	Pass
11n (HT20)	CH52	4.92	11.00	Pass
11n (HT20)	CH60	5.21	11.00	Pass
11n (HT20)	CH64	5.51	11.00	Pass
11n (HT40)	CH54	3.60	11.00	Pass
11n (HT40)	CH62	3.98	11.00	Pass
11ac (VHT20)	CH52	4.95	11.00	Pass
11ac (VHT20)	CH60	5.20	11.00	Pass
11ac (VHT20)	CH64	5.47	11.00	Pass
11ac (VHT40)	CH54	3.64	11.00	Pass
11ac (VHT40)	CH62	4.05	11.00	Pass
11ac (VHT80)	CH58	-0.04	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	5.87	11.00	Pass
11a	CH116	5.69	11.00	Pass
11a	CH140	4.98	11.00	Pass
11n (HT20)	CH100	5.43	11.00	Pass
11n (HT20)	CH116	5.32	11.00	Pass
11n (HT20)	CH140	4.55	11.00	Pass
11n (HT40)	CH102	4.20	11.00	Pass
11n (HT40)	CH118	4.07	11.00	Pass
11n (HT40)	CH134	3.48	11.00	Pass
11ac (VHT20)	CH100	5.34	11.00	Pass
11ac (VHT20)	CH116	5.23	11.00	Pass
11ac (VHT20)	CH140	4.46	11.00	Pass
11ac (VHT40)	CH102	4.28	11.00	Pass
11ac (VHT40)	CH118	4.18	11.00	Pass
11ac (VHT40)	CH134	3.43	11.00	Pass
11ac (VHT80)	CH106	0.39	11.00	Pass
11ac (VHT80)	CH122	0.20	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	1.64	30.00	Pass
11a	CH157	2.13	30.00	Pass
11a	CH165	2.05	30.00	Pass
11n (HT20)	CH149	1.21	30.00	Pass
11n (HT20)	CH157	1.60	30.00	Pass
11n (HT20)	CH165	1.53	30.00	Pass
11n (HT40)	CH151	-0.27	30.00	Pass
11n (HT40)	CH159	0.46	30.00	Pass
11ac (VHT20)	CH149	1.16	30.00	Pass
11ac (VHT20)	CH157	1.60	30.00	Pass
11ac (VHT20)	CH165	1.32	30.00	Pass
11ac (VHT40)	CH151	-0.21	30.00	Pass
11ac (VHT40)	CH159	0.37	30.00	Pass
11ac (VHT80)	CH155	-3.65	30.00	Pass

U-NII-2C straddle channel				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH144	4.80	11.00	Pass
11n (HT20)	CH144	4.42	11.00	Pass
11n (HT40)	CH142	3.32	11.00	Pass
11ac (VHT20)	CH144	4.49	11.00	Pass
11ac (VHT40)	CH142	3.29	11.00	Pass
11ac (VHT80)	CH138	-0.71	11.00	Pass

U-NII-3 straddle channel				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	2.15	30.00	Pass
11n (HT20)	CH144	1.72	30.00	Pass
11n (HT40)	CH142	0.58	30.00	Pass
11ac (VHT20)	CH144	1.75	30.00	Pass
11ac (VHT40)	CH142	0.44	30.00	Pass
11ac (VHT80)	CH138	-3.41	30.00	Pass

## A.5 Conducted Emissions

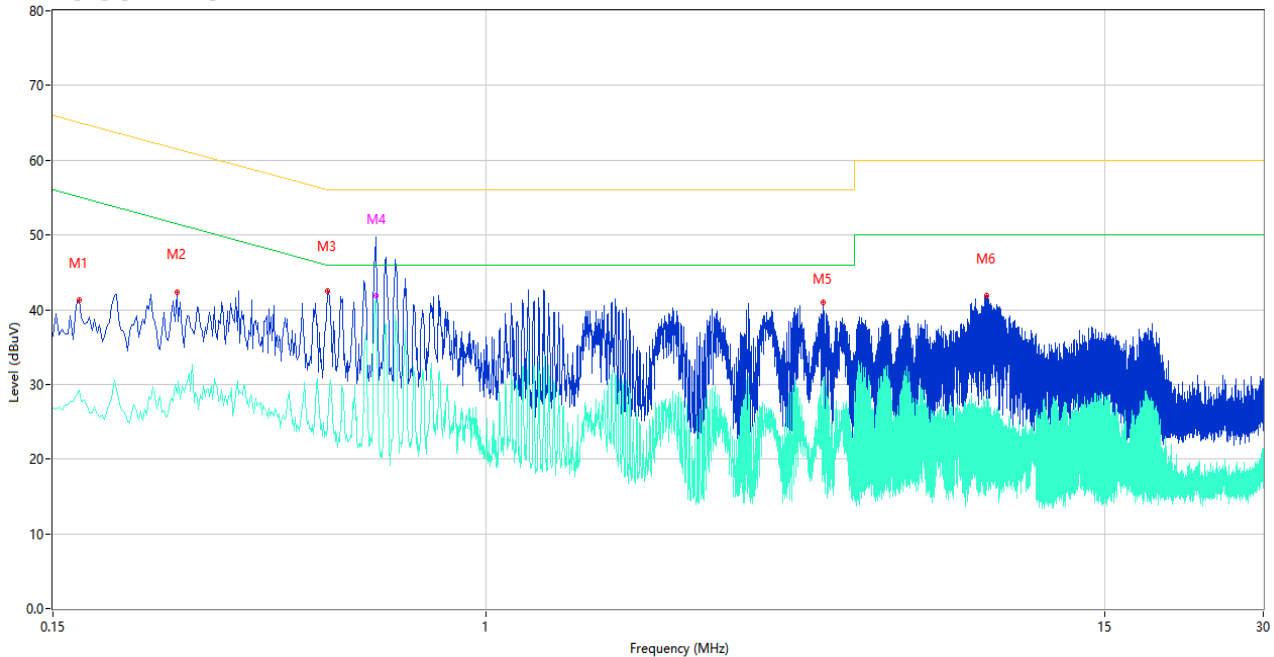
Note <sup>1</sup>: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

### Test Data and Plots

#### PHASE L

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

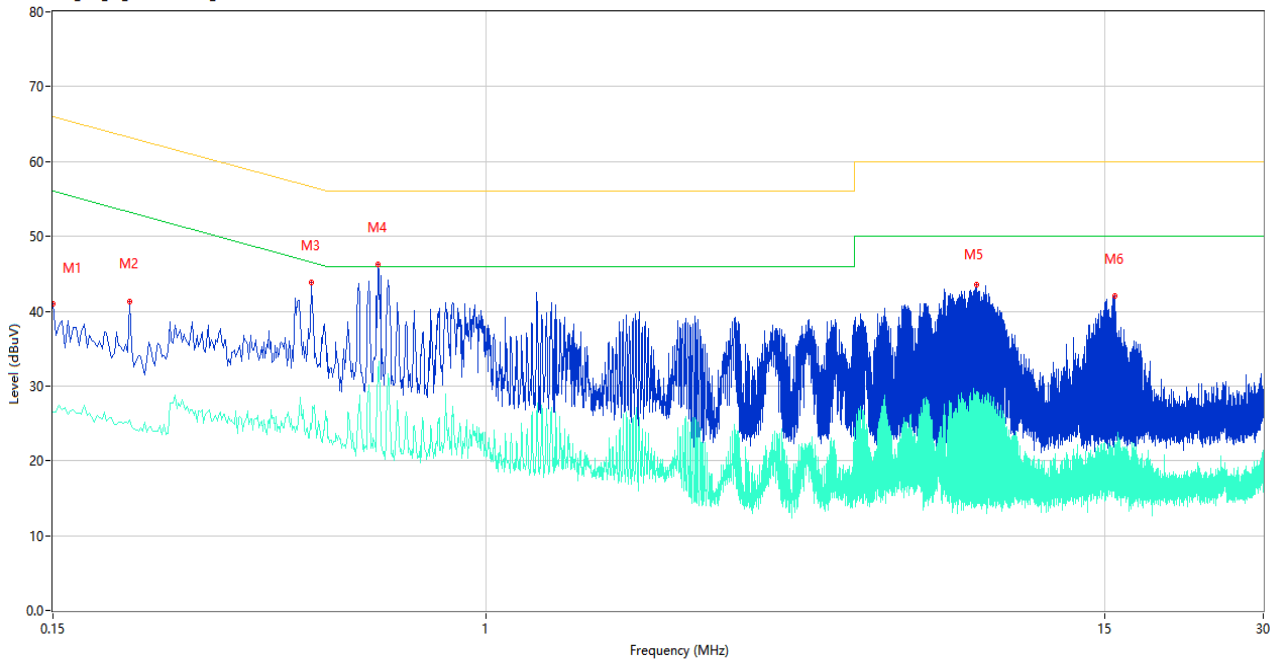


No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.168	41.23	10.16	65.06	-23.83	Peak	L	Pass
1**	0.168	29.21	10.16	55.06	-25.85	AV	L	Pass
2	0.258	42.38	10.07	61.50	-19.12	Peak	L	Pass
2**	0.258	28.79	10.07	51.50	-22.71	AV	L	Pass
3	0.498	42.55	10.29	56.03	-13.48	Peak	L	Pass
3**	0.498	24.14	10.29	46.03	-21.89	AV	L	Pass
4	0.616	49.71	10.48	56.00	-6.29	Peak	L	Pass
4**	0.616	41.87	10.48	46.00	-4.13	AV	L	Pass
5	4.362	40.99	10.48	56.00	-15.01	Peak	L	Pass
5**	4.362	30.81	10.48	46.00	-15.19	AV	L	Pass
6	8.940	41.92	10.18	60.00	-18.08	Peak	L	Pass
6**	8.940	26.93	10.18	50.00	-23.07	AV	L	Pass



PHASE N

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



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.150	40.92	10.19	66.00	-25.08	Peak	N	Pass
1**	0.150	26.49	10.19	56.00	-29.51	AV	N	Pass
2	0.210	41.34	10.09	63.21	-21.87	Peak	N	Pass
2**	0.210	25.52	10.09	53.21	-27.69	AV	N	Pass
3	0.464	43.89	10.46	56.62	-12.73	Peak	N	Pass
3**	0.464	24.21	10.46	46.62	-22.41	AV	N	Pass
4	0.622	46.27	10.44	56.00	-9.73	Peak	N	Pass
4**	0.622	31.93	10.44	46.00	-14.07	AV	N	Pass
5	8.536	43.53	10.50	60.00	-16.47	Peak	N	Pass
5**	8.536	29.18	10.50	50.00	-20.82	AV	N	Pass
6	15.652	42.06	10.21	60.00	-17.94	Peak	N	Pass
6**	15.652	18.39	10.21	50.00	-31.61	AV	N	Pass

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

### Test Data

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

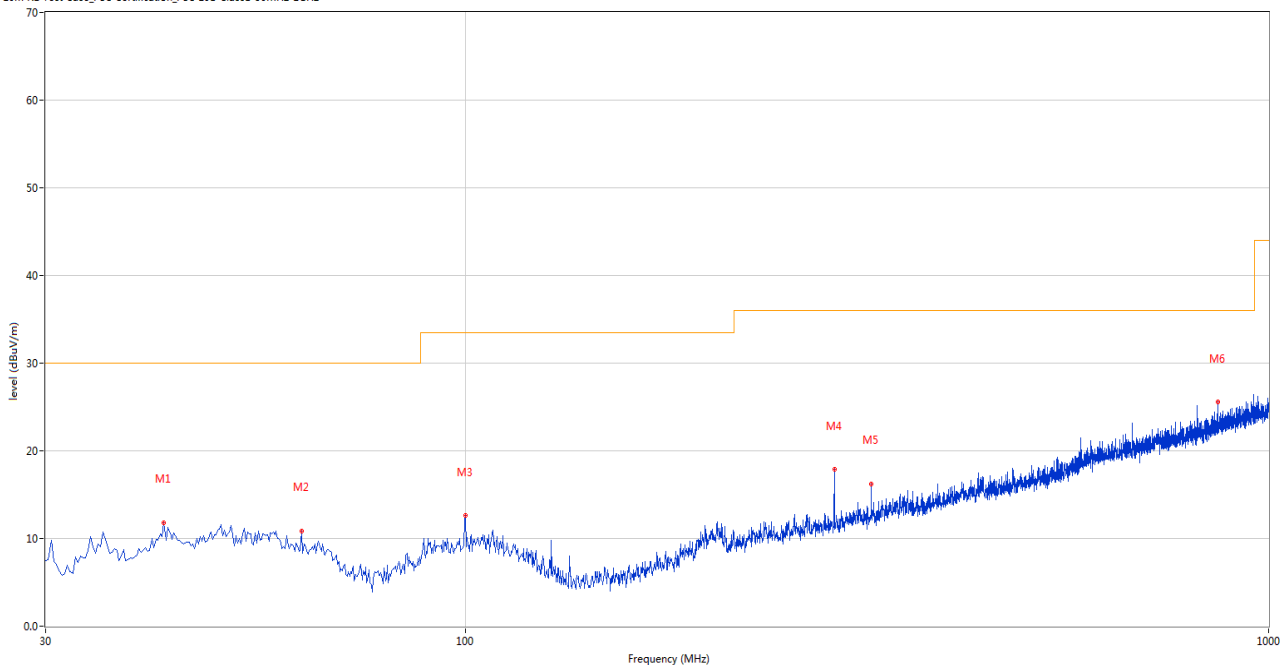
Note 2: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

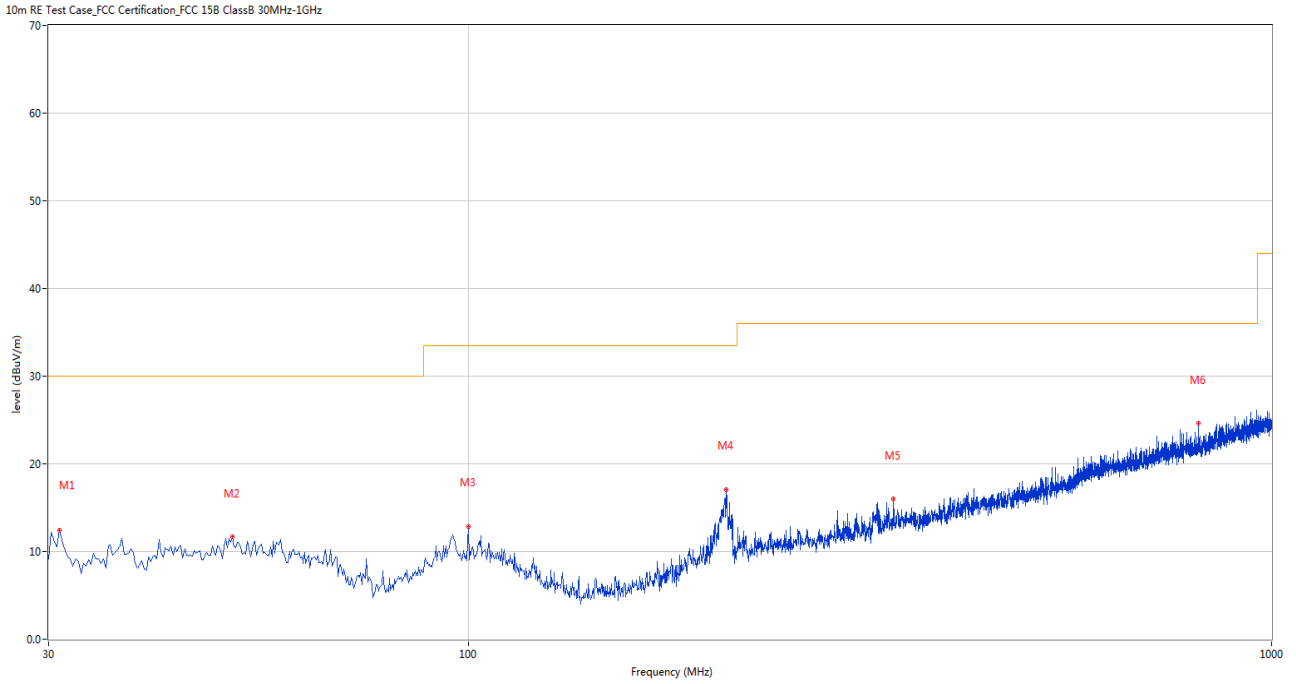
### 30 MHz to 1 GHz, ANT H

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	42.122	11.83	-26.40	30.0	-18.17	Peak	199.00	100	Horizontal	Pass
2	62.487	10.84	-28.05	30.0	-19.16	Peak	225.00	100	Horizontal	Pass
3	100.065	12.58	-27.96	33.5	-20.92	Peak	0.00	200	Horizontal	Pass
4	287.956	17.86	-25.19	36.0	-18.14	Peak	327.00	200	Horizontal	Pass
5	319.958	16.22	-24.53	36.0	-19.78	Peak	0.00	200	Horizontal	Pass
6	864.476	25.53	-13.34	36.0	-10.47	Peak	9.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.970	12.46	-29.55	30.0	-17.54	Peak	134.00	100	Vertical	Pass
2	50.850	11.64	-26.14	30.0	-18.36	Peak	159.00	100	Vertical	Pass
3	100.065	12.87	-27.96	33.5	-20.63	Peak	320.00	100	Vertical	Pass
4	209.405	17.10	-28.04	33.5	-16.40	Peak	184.00	100	Vertical	Pass
5	338.383	15.96	-23.74	36.0	-20.04	Peak	140.00	200	Vertical	Pass
6	810.655	24.61	-14.49	36.0	-11.39	Peak	282.00	200	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.800	38.29	-17.52	74.0	-35.71	Peak	230.00	300	Horizontal	Pass
1**	1493.800	29.70	-17.52	54.0	-24.30	AV	230.00	300	Horizontal	Pass
2	4372.750	47.93	-4.23	74.0	-26.07	Peak	297.00	100	Horizontal	Pass
2**	4372.750	38.46	-4.23	54.0	-15.54	AV	297.00	100	Horizontal	Pass
3	5181.250	101.54	-2.16	--	--	Peak	39.00	200	Horizontal	N/A
3**	5181.250	94.08	-2.16	--	--	AV	39.00	200	Horizontal	N/A
4	7509.000	52.14	0.47	74.0	-21.86	Peak	243.00	200	Horizontal	Pass
4**	7509.000	43.17	0.47	54.0	-10.83	AV	243.00	200	Horizontal	Pass
5	10359.562	62.48	-4.57	68.2	-5.72	Peak	353.00	200	Horizontal	Pass
5**	10359.562	54.81	-4.57	--	--	AV	353.00	200	Horizontal	N/A
6	15555.338	50.80	-0.60	74.0	-23.20	Peak	60.00	400	Horizontal	Pass
6**	15555.338	41.17	-0.60	54.0	-12.83	AV	60.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.500	40.63	-17.30	74.0	-33.37	Peak	228.00	100	Vertical	Pass
1**	1497.500	28.33	-17.30	54.0	-25.67	AV	228.00	100	Vertical	Pass
2	4306.500	47.02	-4.17	74.0	-26.98	Peak	145.00	300	Vertical	Pass
2**	4306.500	38.12	-4.17	54.0	-15.88	AV	145.00	300	Vertical	Pass
3	5177.750	101.34	-2.42	--	--	Peak	241.00	200	Vertical	N/A
3**	5177.750	93.21	-2.42	--	--	AV	241.00	200	Vertical	N/A
4	7681.500	51.81	0.91	74.0	-22.19	Peak	145.00	100	Vertical	Pass
4**	7681.500	42.65	0.91	54.0	-11.35	AV	145.00	100	Vertical	Pass
5	10361.224	62.96	-4.58	68.2	-5.24	Peak	0.00	100	Vertical	Pass
5**	10361.224	53.22	-4.58	--	--	AV	0.00	100	Vertical	N/A
6	16153.575	50.66	-0.47	74.0	-23.34	Peak	131.00	100	Vertical	Pass
6**	16153.575	42.18	-0.47	54.0	-11.82	AV	131.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1451.600	38.03	-17.55	74.0	-35.97	Peak	339.00	300	Horizontal	Pass
1**	1451.600	28.45	-17.55	54.0	-25.55	AV	339.00	300	Horizontal	Pass
2	4312.750	47.63	-4.31	74.0	-26.37	Peak	233.00	100	Horizontal	Pass
2**	4312.750	38.52	-4.31	54.0	-15.48	AV	233.00	100	Horizontal	Pass
3	5223.250	102.05	-3.50	--	--	Peak	64.00	150	Horizontal	N/A
3**	5223.250	93.80	-3.50	--	--	AV	64.00	150	Horizontal	N/A
4	7520.500	52.16	0.79	74.0	-21.84	Peak	154.00	100	Horizontal	Pass
4**	7520.500	43.17	0.79	54.0	-10.83	AV	154.00	100	Horizontal	Pass
5	10446.725	62.60	-4.62	68.2	-5.60	Peak	339.00	200	Horizontal	Pass
5**	10446.725	53.19	-4.62	--	--	AV	339.00	200	Horizontal	N/A
6	16043.588	51.17	-0.11	74.0	-22.83	Peak	62.00	100	Horizontal	Pass
6**	16043.588	41.34	-0.11	54.0	-12.66	AV	62.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.400	42.65	-17.29	74.0	-31.35	Peak	224.00	200	Vertical	Pass
1**	1499.400	29.09	-17.29	54.0	-24.91	AV	224.00	200	Vertical	Pass
2	4383.000	47.59	-3.95	74.0	-26.41	Peak	297.00	200	Vertical	Pass
2**	4383.000	38.22	-3.95	54.0	-15.78	AV	297.00	200	Vertical	Pass
3	5218.250	100.18	-3.47	--	--	Peak	243.00	200	Vertical	N/A
3**	5218.250	91.69	-3.47	--	--	AV	243.00	200	Vertical	N/A
4	7506.500	52.84	0.05	74.0	-21.16	Peak	189.00	200	Vertical	Pass
4**	7506.500	43.54	0.05	54.0	-10.46	AV	189.00	200	Vertical	Pass
5	10434.850	61.94	-4.65	68.2	-6.26	Peak	253.00	200	Vertical	Pass
5**	10434.850	54.17	-4.65	--	--	AV	253.00	200	Vertical	N/A
6	16030.463	51.20	-0.12	74.0	-22.80	Peak	44.00	100	Vertical	Pass
6**	16030.463	41.69	-0.12	54.0	-12.31	AV	44.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.700	38.54	-17.32	74.0	-35.46	Peak	11.00	100	Horizontal	Pass
1**	1496.700	28.81	-17.32	54.0	-25.19	AV	11.00	100	Horizontal	Pass
2	4355.750	47.01	-4.29	74.0	-26.99	Peak	48.00	200	Horizontal	Pass
2**	4355.750	38.18	-4.29	54.0	-15.82	AV	48.00	200	Horizontal	Pass
3	5238.250	102.11	-3.22	--	46.11	Peak	56.00	100	Horizontal	N/A
3**	5238.250	95.02	-3.22	--	95.02	AV	56.00	100	Horizontal	N/A
4	7693.750	53.32	1.63	74.0	-20.68	Peak	137.00	200	Horizontal	Pass
4**	7693.750	43.32	1.63	54.0	-10.68	AV	137.00	200	Horizontal	Pass
5	10480.925	65.35	-4.50	68.2	-2.85	Peak	2.00	200	Horizontal	Pass
5**	10480.925	54.99	-4.50	--	--	AV	2.00	200	Horizontal	N/A
6	16176.938	51.06	-0.45	74.0	-22.94	Peak	216.00	200	Horizontal	Pass
6**	16176.938	42.58	-0.45	54.0	-11.42	AV	216.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.900	41.71	-17.45	74.0	-32.29	Peak	219.00	100	Vertical	Pass
1**	1492.900	28.52	-17.45	54.0	-25.48	AV	219.00	100	Vertical	Pass
2	4277.250	47.28	-4.82	74.0	-26.72	Peak	49.00	400	Vertical	Pass
2**	4277.250	38.29	-4.82	54.0	-15.71	AV	49.00	400	Vertical	Pass
3	5238.000	100.69	-3.23	--	--	Peak	49.00	100	Vertical	N/A
3**	5238.000	92.78	-3.23	--	--	AV	49.00	100	Vertical	N/A
4	7507.500	52.61	0.27	74.0	-21.39	Peak	263.00	300	Vertical	Pass
4**	7507.500	43.42	0.27	54.0	-10.58	AV	263.00	300	Vertical	Pass
5	10479.025	62.35	-4.51	68.2	-5.85	Peak	360.00	300	Vertical	Pass
5**	10479.025	55.99	-4.51	--	--	AV	360.00	300	Vertical	N/A
6	16158.300	51.03	-0.46	74.0	-22.97	Peak	147.00	400	Vertical	Pass
6**	16158.300	42.25	-0.46	54.0	-11.75	AV	147.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.500	37.78	-17.41	74.0	-36.22	Peak	246.00	100	Horizontal	Pass
1**	1495.500	28.75	-17.41	54.0	-25.25	AV	246.00	100	Horizontal	Pass
2	4376.500	47.51	-4.02	74.0	-26.49	Peak	285.00	400	Horizontal	Pass
2**	4376.500	38.32	-4.02	54.0	-15.68	AV	285.00	400	Horizontal	Pass
3	5179.000	101.11	-2.24	--	--	Peak	31.00	150	Horizontal	N/A
3**	5179.000	93.38	-2.24	--	--	AV	31.00	150	Horizontal	N/A
4	7462.250	52.22	1.10	74.0	-21.78	Peak	181.00	200	Horizontal	Pass
4**	7462.250	43.61	1.10	54.0	-10.39	AV	181.00	200	Horizontal	Pass
5	10356.000	62.15	-4.56	68.2	-6.05	Peak	7.00	200	Horizontal	Pass
5**	10356.000	53.38	-4.56	--	--	AV	7.00	200	Horizontal	N/A
6	16163.812	50.76	-0.46	74.0	-23.24	Peak	267.00	200	Horizontal	Pass
6**	16163.812	43.69	-0.46	54.0	-10.31	AV	267.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.800	40.90	-17.52	74.0	-33.10	Peak	216.00	400	Vertical	Pass
1**	1493.800	27.67	-17.52	54.0	-26.33	AV	216.00	400	Vertical	Pass
2	4255.250	47.56	-4.82	74.0	-26.44	Peak	295.00	300	Vertical	Pass
2**	4255.250	37.91	-4.82	54.0	-16.09	AV	295.00	300	Vertical	Pass
3	5177.500	100.51	-2.47	--	--	Peak	243.00	100	Vertical	N/A
3**	5177.500	93.03	-2.47	--	--	AV	243.00	100	Vertical	N/A
4	7455.000	52.50	1.17	74.0	-21.50	Peak	162.00	200	Vertical	Pass
4**	7455.000	44.13	1.17	54.0	-9.87	AV	162.00	200	Vertical	Pass
5	10359.088	60.44	-4.57	68.2	-7.76	Peak	0.00	100	Vertical	Pass
5**	10359.088	53.72	-4.57	--	--	AV	0.00	100	Vertical	N/A
6	16037.287	51.87	-0.11	74.0	-22.13	Peak	232.00	100	Vertical	Pass
6**	16037.287	41.57	-0.11	54.0	-12.43	AV	232.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.000	37.69	-17.24	74.0	-36.31	Peak	329.00	400	Horizontal	Pass
1**	1443.000	28.69	-17.24	54.0	-25.31	AV	329.00	400	Horizontal	Pass
2	4307.750	47.61	-4.18	74.0	-26.39	Peak	21.00	100	Horizontal	Pass
2**	4307.750	37.96	-4.18	54.0	-16.04	AV	21.00	100	Horizontal	Pass
3	5219.000	101.29	-3.47	--	--	Peak	127.00	150	Horizontal	N/A
3**	5219.000	94.23	-3.47	--	--	AV	127.00	150	Horizontal	N/A
4	7451.500	51.97	0.83	74.0	-22.03	Peak	360.00	300	Horizontal	Pass
4**	7451.500	42.87	0.83	54.0	-11.13	AV	360.00	300	Horizontal	Pass
5	10444.826	62.47	-4.62	68.2	-5.73	Peak	353.00	300	Horizontal	Pass
5**	10444.826	53.32	-4.62	--	--	AV	353.00	300	Horizontal	N/A
6	16158.300	50.88	-0.46	74.0	-23.12	Peak	131.00	100	Horizontal	Pass
6**	16158.300	41.99	-0.46	54.0	-12.01	AV	131.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.400	40.53	-17.29	74.0	-33.47	Peak	214.00	100	Vertical	Pass
1**	1498.400	31.06	-17.29	54.0	-22.94	AV	214.00	100	Vertical	Pass
2	4265.500	47.34	-4.77	74.0	-26.66	Peak	208.00	400	Vertical	Pass
2**	4265.500	37.63	-4.77	54.0	-16.37	AV	208.00	400	Vertical	Pass
3	5219.000	99.39	-3.47	--	--	Peak	58.00	150	Vertical	N/A
3**	5219.000	91.56	-3.47	--	--	AV	58.00	150	Vertical	N/A
4	7519.250	52.12	0.84	74.0	-21.88	Peak	50.00	200	Vertical	Pass
4**	7519.250	42.82	0.84	54.0	-11.18	AV	50.00	200	Vertical	Pass
5	10436.513	62.17	-4.64	68.2	-6.03	Peak	360.00	100	Vertical	Pass
5**	10436.513	52.42	-4.64	--	--	AV	360.00	100	Vertical	N/A
6	16190.850	51.05	-0.44	74.0	-22.95	Peak	250.00	100	Vertical	Pass
6**	16190.850	41.31	-0.44	54.0	-12.69	AV	250.00	100	Vertical	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.100	38.42	-17.26	74.0	-35.58	Peak	31.00	400	Horizontal	Pass
1**	1442.100	29.37	-17.26	54.0	-24.63	AV	31.00	400	Horizontal	Pass
2	4253.750	47.49	-4.91	74.0	-26.51	Peak	338.00	300	Horizontal	Pass
2**	4253.750	37.70	-4.91	54.0	-16.30	AV	338.00	300	Horizontal	Pass
3	5219.250	101.12	-3.47	--	--	Peak	65.00	100	Horizontal	N/A
3**	5219.250	93.98	-3.47	--	--	AV	65.00	100	Horizontal	N/A
4	7462.750	53.03	1.09	74.0	-20.97	Peak	65.00	400	Horizontal	Pass
4**	7462.750	43.93	1.09	54.0	-10.07	AV	65.00	400	Horizontal	Pass
5	10441.975	62.04	-4.63	68.2	-6.16	Peak	360.00	200	Horizontal	Pass
5**	10441.975	53.67	-4.63	--	--	AV	360.00	200	Horizontal	N/A
6	16174.838	51.09	-0.45	74.0	-22.91	Peak	166.00	200	Horizontal	Pass
6**	16174.838	41.97	-0.45	54.0	-12.03	AV	166.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	41.61	-17.30	74.0	-32.39	Peak	215.00	400	Vertical	Pass
1**	1500.200	31.38	-17.30	54.0	-22.62	AV	215.00	400	Vertical	Pass
2	4392.000	47.38	-4.54	74.0	-26.62	Peak	324.00	200	Vertical	Pass
2**	4392.000	39.04	-4.54	54.0	-14.96	AV	324.00	200	Vertical	Pass
3	5222.250	99.82	-3.43	--	--	Peak	243.00	200	Vertical	N/A
3**	5222.250	92.02	-3.43	--	--	AV	243.00	200	Vertical	N/A
4	7452.750	53.19	0.98	74.0	-20.81	Peak	39.00	100	Vertical	Pass
4**	7452.750	43.58	0.98	54.0	-10.42	AV	39.00	100	Vertical	Pass
5	10442.450	62.49	-4.63	68.2	-5.71	Peak	360.00	100	Vertical	Pass
5**	10442.450	52.62	-4.63	--	--	AV	360.00	100	Vertical	N/A
6	16153.838	51.09	-0.47	74.0	-22.91	Peak	113.00	300	Vertical	Pass
6**	16153.838	41.62	-0.47	54.0	-12.38	AV	113.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.800	38.46	-17.29	74.0	-35.54	Peak	180.00	100	Horizontal	Pass
1**	1497.800	28.65	-17.29	54.0	-25.35	AV	180.00	100	Horizontal	Pass
2	4136.250	47.14	-5.56	74.0	-26.86	Peak	250.00	100	Horizontal	Pass
2**	4136.250	37.65	-5.56	54.0	-16.35	AV	250.00	100	Horizontal	Pass
3	5185.250	99.63	-2.35	--	--	Peak	39.00	100	Horizontal	N/A
3**	5185.250	92.03	-2.35	--	--	AV	39.00	100	Horizontal	N/A
4	7525.000	52.20	0.83	74.0	-21.80	Peak	135.00	200	Horizontal	Pass
4**	7525.000	43.11	0.83	54.0	-10.89	AV	135.00	200	Horizontal	Pass
5	10378.087	61.94	-4.64	68.2	-6.26	Peak	360.00	200	Horizontal	Pass
5**	10378.087	54.60	-4.64	--	--	AV	360.00	200	Horizontal	N/A
6	16138.087	50.78	-0.59	74.0	-23.22	Peak	200.00	100	Horizontal	Pass
6**	16138.087	41.16	-0.59	54.0	-12.84	AV	200.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.700	41.56	-17.29	74.0	-32.44	Peak	219.00	100	Vertical	Pass
1**	1497.700	33.76	-17.29	54.0	-20.24	AV	219.00	100	Vertical	Pass
2	4308.750	47.37	-4.25	74.0	-26.63	Peak	356.00	300	Vertical	Pass
2**	4308.750	37.84	-4.25	54.0	-16.16	AV	356.00	300	Vertical	Pass
3	5181.250	98.71	-2.16	--	--	Peak	243.00	100	Vertical	N/A
3**	5181.250	90.15	-2.16	--	--	AV	243.00	100	Vertical	N/A
4	7453.500	52.82	1.06	74.0	-21.18	Peak	155.00	200	Vertical	Pass
4**	7453.500	43.63	1.06	54.0	-10.37	AV	155.00	200	Vertical	Pass
5	10380.225	60.57	-4.65	68.2	-7.63	Peak	0.00	100	Vertical	Pass
5**	10380.225	53.00	-4.65	--	--	AV	0.00	100	Vertical	N/A
6	16153.575	51.24	-0.47	74.0	-22.76	Peak	319.00	300	Vertical	Pass
6**	16153.575	42.02	-0.47	54.0	-11.98	AV	319.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.500	37.99	-17.49	74.0	-36.01	Peak	346.00	400	Horizontal	Pass
1**	1493.500	28.58	-17.49	54.0	-25.42	AV	346.00	400	Horizontal	Pass
2	4314.750	47.09	-4.46	74.0	-26.91	Peak	218.00	100	Horizontal	Pass
2**	4314.750	38.81	-4.46	54.0	-15.19	AV	218.00	100	Horizontal	Pass
3	5235.750	100.28	-3.31	--	--	Peak	39.00	200	Horizontal	N/A
3**	5235.750	91.94	-3.31	--	--	AV	39.00	200	Horizontal	N/A
4	7465.500	52.16	0.79	74.0	-21.84	Peak	245.00	300	Horizontal	Pass
4**	7465.500	43.44	0.79	54.0	-10.56	AV	245.00	300	Horizontal	Pass
5	10460.500	62.74	-4.57	68.2	-5.46	Peak	7.00	100	Horizontal	Pass
5**	10460.500	53.74	-4.57	--	--	AV	7.00	100	Horizontal	N/A
6	16050.938	50.80	-0.12	74.0	-23.20	Peak	44.00	300	Horizontal	Pass
6**	16050.938	41.78	-0.12	54.0	-12.22	AV	44.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.400	40.95	-17.49	74.0	-33.05	Peak	216.00	300	Vertical	Pass
1**	1493.400	32.23	-17.49	54.0	-21.77	AV	216.00	300	Vertical	Pass
2	4297.000	47.02	-4.46	74.0	-26.98	Peak	324.00	100	Vertical	Pass
2**	4297.000	38.72	-4.46	54.0	-15.28	AV	324.00	100	Vertical	Pass
3	5232.750	98.98	-3.32	--	--	Peak	243.00	150	Vertical	N/A
3**	5232.750	92.25	-3.32	--	--	AV	243.00	150	Vertical	N/A
4	7456.000	52.07	1.15	74.0	-21.93	Peak	332.00	300	Vertical	Pass
4**	7456.000	43.21	1.15	54.0	-10.79	AV	332.00	300	Vertical	Pass
5	10474.037	61.16	-4.52	68.2	-7.04	Peak	53.00	200	Vertical	Pass
5**	10474.037	51.95	-4.52	--	--	AV	53.00	200	Vertical	N/A
6	16045.425	50.83	-0.10	74.0	-23.17	Peak	200.00	200	Vertical	Pass
6**	16045.425	41.71	-0.10	54.0	-12.29	AV	200.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.500	37.94	-17.33	74.0	-36.06	Peak	236.00	100	Horizontal	Pass
1**	1496.500	29.54	-17.33	54.0	-24.46	AV	236.00	100	Horizontal	Pass
2	4364.500	47.35	-4.20	74.0	-26.65	Peak	31.00	400	Horizontal	Pass
2**	4364.500	38.88	-4.20	54.0	-15.12	AV	31.00	400	Horizontal	Pass
3	5178.500	101.24	-2.29	--	--	Peak	48.00	200	Horizontal	N/A
3**	5178.500	93.92	-2.29	--	--	AV	48.00	200	Horizontal	N/A
4	7453.500	52.42	1.06	74.0	-21.58	Peak	75.00	300	Horizontal	Pass
4**	7453.500	43.82	1.06	54.0	-10.18	AV	75.00	300	Horizontal	Pass
5	10363.125	63.62	-4.58	68.2	-4.58	Peak	360.00	100	Horizontal	Pass
5**	10363.125	54.29	-4.58	--	--	AV	360.00	100	Horizontal	N/A
6	15549.563	50.52	-0.52	74.0	-23.48	Peak	237.00	100	Horizontal	Pass
6**	15549.563	40.75	-0.52	54.0	-13.25	AV	237.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.000	41.31	-17.31	74.0	-32.69	Peak	214.00	400	Vertical	Pass
1**	1497.000	30.92	-17.31	54.0	-23.08	AV	214.00	400	Vertical	Pass
2	2655.500	52.69	-12.42	68.2	-15.51	Peak	9.00	100	Vertical	Pass
2**	2655.500	39.15	-12.42	--	--	AV	9.00	100	Vertical	N/A
3	3939.750	46.06	-5.94	74.0	-27.94	Peak	287.00	100	Vertical	Pass
3**	3939.750	36.51	-5.94	54.0	-17.49	AV	287.00	100	Vertical	Pass
4	5178.750	100.02	-2.25	--	--	Peak	241.00	100	Vertical	N/A
4**	5178.750	93.19	-2.25	--	--	AV	241.00	100	Vertical	N/A
5	10360.988	60.47	-4.58	68.2	-7.73	Peak	0.00	400	Vertical	Pass
5**	10360.988	52.74	-4.58	--	--	AV	0.00	400	Vertical	N/A
6	16501.913	52.95	0.00	68.2	-15.25	Peak	317.00	200	Vertical	Pass
6**	16501.913	42.96	0.00	--	--	AV	317.00	200	Vertical	N/A

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.000	39.79	-17.29	74.0	-34.21	Peak	141.00	400	Horizontal	Pass
1**	1499.000	28.81	-17.29	54.0	-25.19	AV	141.00	400	Horizontal	Pass
2	4366.500	47.60	-4.13	74.0	-26.40	Peak	187.00	200	Horizontal	Pass
2**	4366.500	38.98	-4.13	54.0	-15.02	AV	187.00	200	Horizontal	Pass
3	5221.500	102.01	-3.38	--	--	Peak	318.00	100	Horizontal	N/A
3**	5221.500	94.13	-3.38	--	--	AV	318.00	100	Horizontal	N/A
4	7517.500	52.36	0.91	74.0	-21.64	Peak	4.00	300	Horizontal	Pass
4**	7517.500	43.06	0.91	54.0	-10.94	AV	4.00	300	Horizontal	Pass
5	10440.549	67.07	-4.63	68.2	-1.13	Peak	31.00	300	Horizontal	Pass
5**	10440.549	57.74	-4.63	--	--	AV	31.00	300	Horizontal	N/A
6	16149.900	51.36	-0.47	74.0	-22.64	Peak	0.00	400	Horizontal	Pass
6**	16149.900	41.95	-0.47	54.0	-12.05	AV	0.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.000	38.52	-17.45	74.0	-35.48	Peak	29.00	400	Vertical	Pass
1**	1495.000	29.98	-17.45	54.0	-24.02	AV	29.00	400	Vertical	Pass
2	4311.250	47.38	-4.28	74.0	-26.62	Peak	360.00	300	Vertical	Pass
2**	4311.250	38.22	-4.28	54.0	-15.78	AV	360.00	300	Vertical	Pass
3	5218.500	99.97	-3.47	--	--	Peak	66.00	200	Vertical	N/A
3**	5218.500	92.84	-3.47	--	--	AV	66.00	200	Vertical	N/A
4	7458.250	52.34	1.14	74.0	-21.66	Peak	48.00	300	Vertical	Pass
4**	7458.250	43.64	1.14	54.0	-10.36	AV	48.00	300	Vertical	Pass
5	10438.412	64.04	-4.64	68.2	-4.16	Peak	341.00	300	Vertical	Pass
5**	10438.412	54.45	-4.64	--	--	AV	341.00	300	Vertical	N/A
6	16152.526	51.95	-0.47	74.0	-22.05	Peak	10.00	300	Vertical	Pass
6**	16152.526	42.89	-0.47	54.0	-11.11	AV	10.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1577.800	37.30	-17.55	74.0	-36.70	Peak	68.00	100	Horizontal	Pass
1**	1577.800	28.21	-17.55	54.0	-25.79	AV	68.00	100	Horizontal	Pass
2	4305.750	48.00	-4.19	74.0	-26.00	Peak	98.00	300	Horizontal	Pass
2**	4305.750	38.13	-4.19	54.0	-15.87	AV	98.00	300	Horizontal	Pass
3	5239.250	101.84	-3.22	--	--	Peak	317.00	200	Horizontal	N/A
3**	5239.250	95.63	-3.22	--	--	AV	317.00	200	Horizontal	N/A
4	7498.000	52.33	-0.43	74.0	-21.67	Peak	281.00	300	Horizontal	Pass
4**	7498.000	42.67	-0.43	54.0	-11.33	AV	281.00	300	Horizontal	Pass
5	10484.487	65.29	-4.49	68.2	-2.91	Peak	22.00	300	Horizontal	Pass
5**	10484.487	55.05	-4.49	--	--	AV	22.00	300	Horizontal	N/A
6	16091.888	51.18	-0.84	74.0	-22.82	Peak	84.00	400	Horizontal	Pass
6**	16091.888	42.23	-0.84	54.0	-11.77	AV	84.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.900	38.37	-17.46	74.0	-35.63	Peak	186.00	400	Vertical	Pass
1**	1494.900	29.87	-17.46	54.0	-24.13	AV	186.00	400	Vertical	Pass
2	4306.750	47.65	-4.17	74.0	-26.35	Peak	315.00	400	Vertical	Pass
2**	4306.750	38.93	-4.17	54.0	-15.07	AV	315.00	400	Vertical	Pass
3	5244.250	100.00	-3.62	--	--	Peak	273.00	200	Vertical	N/A
3**	5244.250	91.79	-3.62	--	--	AV	273.00	200	Vertical	N/A
4	7455.500	53.05	1.16	74.0	-20.95	Peak	98.00	400	Vertical	Pass
4**	7455.500	43.83	1.16	54.0	-10.17	AV	98.00	400	Vertical	Pass
5	10475.938	63.40	-4.52	68.2	-4.80	Peak	34.00	400	Vertical	Pass
5**	10475.938	54.09	-4.52	--	--	AV	34.00	400	Vertical	N/A
6	16187.437	51.18	-0.44	74.0	-22.82	Peak	317.00	200	Vertical	Pass
6**	16187.437	43.07	-0.44	54.0	-10.93	AV	317.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1450.300	37.81	-17.40	74.0	-36.19	Peak	315.00	300	Horizontal	Pass
1**	1450.300	29.24	-17.40	54.0	-24.76	AV	315.00	300	Horizontal	Pass
2	4261.250	47.62	-4.48	74.0	-26.38	Peak	216.00	400	Horizontal	Pass
2**	4261.250	38.03	-4.48	54.0	-15.97	AV	216.00	400	Horizontal	Pass
3	5191.500	101.39	-2.70	--	--	Peak	320.00	100	Horizontal	N/A
3**	5191.500	93.00	-2.70	--	--	AV	320.00	100	Horizontal	N/A
4	7701.750	52.44	1.77	74.0	-21.56	Peak	233.00	100	Horizontal	Pass
4**	7701.750	43.07	1.77	54.0	-10.93	AV	233.00	100	Horizontal	Pass
5	10376.188	65.32	-4.63	68.2	-2.88	Peak	22.00	100	Horizontal	Pass
5**	10376.188	55.94	-4.63	--	--	AV	22.00	100	Horizontal	N/A
6	16176.675	52.23	-0.45	74.0	-21.77	Peak	39.00	400	Horizontal	Pass
6**	16176.675	42.87	-0.45	54.0	-11.13	AV	39.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.300	38.57	-17.34	74.0	-35.43	Peak	130.00	400	Vertical	Pass
1**	1496.300	31.14	-17.34	54.0	-22.86	AV	130.00	400	Vertical	Pass
2	4310.250	46.97	-4.30	74.0	-27.03	Peak	334.00	300	Vertical	Pass
2**	4310.250	39.06	-4.30	54.0	-14.94	AV	334.00	300	Vertical	Pass
3	5191.000	98.16	-2.69	--	--	Peak	273.00	100	Vertical	N/A
3**	5191.000	90.84	-2.69	--	--	AV	273.00	100	Vertical	N/A
4	7561.250	52.60	-0.32	74.0	-21.40	Peak	204.00	200	Vertical	Pass
4**	7561.250	42.78	-0.32	54.0	-11.22	AV	204.00	200	Vertical	Pass
5	10376.662	63.40	-4.63	68.2	-4.80	Peak	36.00	100	Vertical	Pass
5**	10376.662	53.87	-4.63	--	--	AV	36.00	100	Vertical	N/A
6	16181.662	51.97	-0.45	74.0	-22.03	Peak	347.00	400	Vertical	Pass
6**	16181.662	43.18	-0.45	54.0	-10.82	AV	347.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.200	38.02	-17.33	74.0	-35.98	Peak	176.00	400	Horizontal	Pass
1**	1483.200	28.21	-17.33	54.0	-25.79	AV	176.00	400	Horizontal	Pass
2	4363.750	47.03	-4.20	74.0	-26.97	Peak	351.00	300	Horizontal	Pass
2**	4363.750	38.22	-4.20	54.0	-15.78	AV	351.00	300	Horizontal	Pass
3	5233.250	100.08	-3.29	--	--	Peak	316.00	200	Horizontal	N/A
3**	5233.250	93.20	-3.29	--	--	AV	316.00	200	Horizontal	N/A
4	7456.000	52.74	1.15	74.0	-21.26	Peak	134.00	300	Horizontal	Pass
4**	7456.000	43.95	1.15	54.0	-10.05	AV	134.00	300	Horizontal	Pass
5	10456.225	65.47	-4.59	68.2	-2.73	Peak	22.00	300	Horizontal	Pass
5**	10456.225	54.69	-4.59	--	--	AV	22.00	300	Horizontal	N/A
6	16040.438	51.89	-0.11	74.0	-22.11	Peak	305.00	300	Horizontal	Pass
6**	16040.438	43.70	-0.11	54.0	-10.30	AV	305.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.300	38.62	-17.29	74.0	-35.38	Peak	207.00	200	Vertical	Pass
1**	1499.300	29.88	-17.29	54.0	-24.12	AV	207.00	200	Vertical	Pass
2	4259.250	47.59	-4.52	74.0	-26.41	Peak	360.00	100	Vertical	Pass
2**	4259.250	39.07	-4.52	54.0	-14.93	AV	360.00	100	Vertical	Pass
3	5231.500	98.27	-3.40	--	--	Peak	21.00	200	Vertical	N/A
3**	5231.500	91.27	-3.40	--	--	AV	21.00	200	Vertical	N/A
4	7460.500	52.73	1.14	74.0	-21.27	Peak	360.00	300	Vertical	Pass
4**	7460.500	43.79	1.14	54.0	-10.21	AV	360.00	300	Vertical	Pass
5	10460.026	63.12	-4.58	68.2	-5.08	Peak	37.00	300	Vertical	Pass
5**	10460.026	52.80	-4.58	--	--	AV	37.00	300	Vertical	N/A
6	16193.475	52.15	-0.44	74.0	-21.85	Peak	360.00	300	Vertical	Pass
6**	16193.475	42.22	-0.44	54.0	-11.78	AV	360.00	300	Vertical	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.700	38.22	-17.32	74.0	-35.78	Peak	137.00	300	Horizontal	Pass
1**	1496.700	28.30	-17.32	54.0	-25.70	AV	137.00	300	Horizontal	Pass
2	4260.000	47.34	-4.48	74.0	-26.66	Peak	0.00	100	Horizontal	Pass
2**	4260.000	38.10	-4.48	54.0	-15.90	AV	0.00	100	Horizontal	Pass
3	5218.750	97.05	-3.47	--	--	Peak	317.00	200	Horizontal	N/A
3**	5218.750	90.18	-3.47	--	--	AV	317.00	200	Horizontal	N/A
4	7455.500	52.94	1.16	74.0	-21.06	Peak	90.00	100	Horizontal	Pass
4**	7455.500	43.35	1.16	54.0	-10.65	AV	90.00	100	Horizontal	Pass
5	10436.513	63.23	-4.64	68.2	-4.97	Peak	21.00	200	Horizontal	Pass
5**	10436.513	52.39	-4.64	--	--	AV	21.00	200	Horizontal	N/A
6	16153.575	51.83	-0.47	74.0	-22.17	Peak	305.00	400	Horizontal	Pass
6**	16153.575	42.74	-0.47	54.0	-11.26	AV	305.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.100	38.99	-17.47	74.0	-35.01	Peak	226.00	200	Vertical	Pass
1**	1493.100	30.29	-17.47	54.0	-23.71	AV	226.00	200	Vertical	Pass
2	4191.000	47.47	-5.11	74.0	-26.53	Peak	12.00	100	Vertical	Pass
2**	4191.000	37.51	-5.11	54.0	-16.49	AV	12.00	100	Vertical	Pass
3	5219.500	95.13	-3.46	--	--	Peak	275.00	200	Vertical	N/A
3**	5219.500	86.99	-3.46	--	--	AV	275.00	200	Vertical	N/A
4	7572.250	52.10	-0.18	74.0	-21.90	Peak	256.00	200	Vertical	Pass
4**	7572.250	42.36	-0.18	54.0	-11.64	AV	256.00	200	Vertical	Pass
5	10459.550	60.80	-4.58	68.2	-7.40	Peak	339.00	200	Vertical	Pass
5**	10459.550	48.84	-4.58	--	--	AV	339.00	200	Vertical	N/A
6	15853.799	51.44	-0.80	74.0	-22.56	Peak	339.00	400	Vertical	Pass
6**	15853.799	40.91	-0.80	54.0	-13.09	AV	339.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.500	38.56	-17.29	74.0	-35.44	Peak	133.00	400	Horizontal	Pass
1**	1498.500	28.53	-17.29	54.0	-25.47	AV	133.00	400	Horizontal	Pass
2	4258.500	46.95	-4.57	74.0	-27.05	Peak	309.00	200	Horizontal	Pass
2**	4258.500	39.03	-4.57	54.0	-14.97	AV	309.00	200	Horizontal	Pass
3	5261.250	101.78	-3.79	--	--	Peak	317.00	200	Horizontal	N/A
3**	5261.250	94.28	-3.79	--	--	AV	317.00	200	Horizontal	N/A
4	7697.000	52.32	1.81	74.0	-21.68	Peak	56.00	400	Horizontal	Pass
4**	7697.000	42.98	1.81	54.0	-11.02	AV	56.00	400	Horizontal	Pass
5	10526.525	65.45	-4.52	68.2	-2.75	Peak	20.00	400	Horizontal	Pass
5**	10526.525	55.90	-4.52	--	--	AV	20.00	400	Horizontal	N/A
6	16149.375	51.29	-0.47	74.0	-22.71	Peak	82.00	200	Horizontal	Pass
6**	16149.375	42.05	-0.47	54.0	-11.95	AV	82.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.000	39.02	-17.53	74.0	-34.98	Peak	179.00	100	Vertical	Pass
1**	1494.000	27.49	-17.53	54.0	-26.51	AV	179.00	100	Vertical	Pass
2	4349.500	47.35	-4.64	74.0	-26.65	Peak	66.00	200	Vertical	Pass
2**	4349.500	38.36	-4.64	54.0	-15.64	AV	66.00	200	Vertical	Pass
3	5261.500	101.53	-3.81	--	--	Peak	277.00	200	Vertical	N/A
3**	5261.500	93.69	-3.81	--	--	AV	277.00	200	Vertical	N/A
4	7455.250	52.54	1.16	74.0	-21.46	Peak	320.00	100	Vertical	Pass
4**	7455.250	44.75	1.16	54.0	-9.25	AV	320.00	100	Vertical	Pass
5	10521.062	63.16	-4.50	68.2	-5.04	Peak	45.00	100	Vertical	Pass
5**	10521.062	54.79	-4.50	--	--	AV	45.00	100	Vertical	N/A
6	16167.487	51.19	-0.46	74.0	-22.81	Peak	305.00	200	Vertical	Pass
6**	16167.487	42.29	-0.46	54.0	-11.71	AV	305.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.300	37.66	-17.58	74.0	-36.34	Peak	46.00	200	Horizontal	Pass
1**	1626.300	28.04	-17.58	54.0	-25.96	AV	46.00	200	Horizontal	Pass
2	4231.000	47.54	-5.10	74.0	-26.46	Peak	226.00	400	Horizontal	Pass
2**	4231.000	38.10	-5.10	54.0	-15.90	AV	226.00	400	Horizontal	Pass
3	5302.000	100.90	-3.65	--	--	Peak	314.00	150	Horizontal	N/A
3**	5302.000	92.41	-3.65	--	--	AV	314.00	150	Horizontal	N/A
4	7513.250	52.78	0.65	74.0	-21.22	Peak	322.00	200	Horizontal	Pass
4**	7513.250	43.77	0.65	54.0	-10.23	AV	322.00	200	Horizontal	Pass
5	10603.475	56.88	-4.17	74.0	-17.12	Peak	46.00	200	Horizontal	Pass
5**	10603.475	52.007	-4.17	54.0	-1.993	AV	46.00	200	Horizontal	Pass
6	16181.662	51.77	-0.45	74.0	-22.23	Peak	258.00	200	Horizontal	Pass
6**	16181.662	42.46	-0.45	54.0	-11.54	AV	258.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.300	38.95	-17.48	74.0	-35.05	Peak	201.00	400	Vertical	Pass
1**	1493.300	28.85	-17.48	54.0	-25.15	AV	201.00	400	Vertical	Pass
2	4234.000	47.68	-5.10	74.0	-26.32	Peak	12.00	300	Vertical	Pass
2**	4234.000	38.29	-5.10	54.0	-15.71	AV	12.00	300	Vertical	Pass
3	5298.000	100.94	-3.52	--	--	Peak	268.00	150	Vertical	N/A
3**	5298.000	93.84	-3.52	--	--	AV	268.00	150	Vertical	N/A
4	7459.000	52.58	1.15	74.0	-21.42	Peak	276.00	100	Vertical	Pass
4**	7459.000	44.28	1.15	54.0	-9.72	AV	276.00	100	Vertical	Pass
5	10600.150	56.56	-4.13	74.0	-1.44	Peak	339.00	100	Vertical	Pass
5**	10600.150	48.08	-4.13	54.0	-5.92	AV	339.00	100	Vertical	Pass
6	16029.150	51.26	-0.12	74.0	-22.74	Peak	290.00	300	Vertical	Pass
6**	16029.150	41.50	-0.12	54.0	-12.50	AV	290.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1456.100	37.72	-17.56	74.0	-36.28	Peak	14.00	200	Horizontal	Pass
1**	1456.100	28.76	-17.56	54.0	-25.24	AV	14.00	200	Horizontal	Pass
2	4311.750	48.27	-4.27	74.0	-25.73	Peak	194.00	100	Horizontal	Pass
2**	4311.750	38.82	-4.27	54.0	-15.18	AV	194.00	100	Horizontal	Pass
3	5321.500	101.02	-3.37	--	--	Peak	312.00	100	Horizontal	N/A
3**	5321.500	93.81	-3.37	--	--	AV	312.00	100	Horizontal	N/A
4	7452.500	53.02	0.95	74.0	-20.98	Peak	0.00	400	Horizontal	Pass
4**	7452.500	43.63	0.95	54.0	-10.37	AV	0.00	400	Horizontal	Pass
5	10642.900	56.51	-4.69	74.0	-17.49	Peak	104.00	400	Horizontal	Pass
5**	10642.900	52.66	-4.69	54.0	-1.34	AV	104.00	400	Horizontal	Pass
6	16121.026	51.65	-0.76	74.0	-22.35	Peak	217.00	100	Horizontal	Pass
6**	16121.026	40.87	-0.76	54.0	-13.13	AV	217.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.500	41.47	-17.41	74.0	-32.53	Peak	211.00	300	Vertical	Pass
1**	1495.500	32.22	-17.41	54.0	-21.78	AV	211.00	300	Vertical	Pass
2	4288.000	47.83	-4.47	74.0	-26.17	Peak	271.00	100	Vertical	Pass
2**	4288.000	39.29	-4.47	54.0	-14.71	AV	271.00	100	Vertical	Pass
3	5322.000	101.96	-3.36	--	--	Peak	261.00	200	Vertical	N/A
3**	5322.000	94.20	-3.36	--	--	AV	261.00	200	Vertical	N/A
4	7467.250	53.34	0.91	74.0	-20.66	Peak	227.00	200	Vertical	Pass
4**	7467.250	43.78	0.91	54.0	-10.22	AV	227.00	200	Vertical	Pass
5	10634.112	54.60	-4.58	74.0	-19.40	Peak	360.00	200	Vertical	Pass
5**	10634.112	51.14	-4.58	54.0	-2.86	AV	360.00	200	Vertical	Pass
6	16177.724	50.98	-0.45	74.0	-23.02	Peak	190.00	300	Vertical	Pass
6**	16177.724	41.95	-0.45	54.0	-12.05	AV	190.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.500	38.68	-17.42	74.0	-35.32	Peak	354.00	200	Horizontal	Pass
1**	1513.500	29.10	-17.42	54.0	-24.90	AV	354.00	200	Horizontal	Pass
2	4291.500	47.47	-4.65	74.0	-26.53	Peak	59.00	100	Horizontal	Pass
2**	4291.500	37.83	-4.65	54.0	-16.17	AV	59.00	100	Horizontal	Pass
3	5258.750	102.63	-3.78	--	--	Peak	59.00	100	Horizontal	N/A
3**	5258.750	94.24	-3.78	--	--	AV	59.00	100	Horizontal	N/A
4	7466.500	52.87	0.86	74.0	-21.13	Peak	140.00	100	Horizontal	Pass
4**	7466.500	43.27	0.86	54.0	-10.73	AV	140.00	100	Horizontal	Pass
5	10520.112	63.12	-4.49	68.2	-5.08	Peak	4.00	100	Horizontal	Pass
5**	10520.112	53.21	-4.49	--	--	AV	4.00	100	Horizontal	N/A
6	16166.438	51.11	-0.46	74.0	-22.89	Peak	360.00	100	Horizontal	Pass
6**	16166.438	41.21	-0.46	54.0	-12.79	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.100	42.54	-17.29	74.0	-31.46	Peak	221.00	300	Vertical	Pass
1**	1499.100	28.43	-17.29	54.0	-25.57	AV	221.00	300	Vertical	Pass
2	4381.000	47.52	-3.96	74.0	-26.48	Peak	360.00	300	Vertical	Pass
2**	4381.000	38.28	-3.96	54.0	-15.72	AV	360.00	300	Vertical	Pass
3	5261.500	100.70	-3.81	--	--	Peak	66.00	150	Vertical	N/A
3**	5261.500	94.17	-3.81	--	--	AV	66.00	150	Vertical	N/A
4	7509.750	52.86	0.56	74.0	-21.14	Peak	273.00	100	Vertical	Pass
4**	7509.750	42.97	0.56	54.0	-11.03	AV	273.00	100	Vertical	Pass
5	10519.875	61.65	-4.49	68.2	-6.55	Peak	63.00	100	Vertical	Pass
5**	10519.875	52.10	-4.49	--	--	AV	63.00	100	Vertical	N/A
6	16137.562	51.02	-0.60	74.0	-22.98	Peak	162.00	100	Vertical	Pass
6**	16137.562	42.52	-0.60	54.0	-11.48	AV	162.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1450.200	38.40	-17.39	74.0	-35.60	Peak	243.00	400	Horizontal	Pass
1**	1450.200	27.75	-17.39	54.0	-26.25	AV	243.00	400	Horizontal	Pass
2	4391.250	48.69	-4.44	74.0	-25.31	Peak	15.00	400	Horizontal	Pass
2**	4391.250	39.89	-4.44	54.0	-14.11	AV	15.00	400	Horizontal	Pass
3	5301.000	100.67	-3.66	--	--	Peak	305.00	100	Horizontal	N/A
3**	5301.000	93.68	-3.66	--	--	AV	305.00	100	Horizontal	N/A
4	7511.000	53.05	0.51	74.0	-20.95	Peak	142.00	300	Horizontal	Pass
4**	7511.000	44.37	0.51	54.0	-9.63	AV	142.00	300	Horizontal	Pass
5	10594.925	63.42	-4.18	68.2	-4.78	Peak	57.00	300	Horizontal	Pass
5**	10594.925	54.94	-4.18	--	--	AV	57.00	300	Horizontal	N/A
6	16055.400	51.55	-0.19	74.0	-22.45	Peak	341.00	300	Horizontal	Pass
6**	16055.400	41.00	-0.19	54.0	-13.00	AV	341.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.500	39.30	-17.30	74.0	-34.70	Peak	213.00	100	Vertical	Pass
1**	1497.500	28.48	-17.30	54.0	-25.52	AV	213.00	100	Vertical	Pass
2	4259.750	47.81	-4.50	74.0	-26.19	Peak	360.00	300	Vertical	Pass
2**	4259.750	39.95	-4.50	54.0	-14.05	AV	360.00	300	Vertical	Pass
3	5296.750	100.44	-3.52	--	--	Peak	263.00	200	Vertical	N/A
3**	5296.750	92.13	-3.52	--	--	AV	263.00	200	Vertical	N/A
4	7512.000	53.01	0.49	74.0	-20.99	Peak	132.00	300	Vertical	Pass
4**	7512.000	44.49	0.49	54.0	-9.51	AV	132.00	300	Vertical	Pass
5	10601.575	54.04	-4.15	74.0	-19.96	Peak	43.00	300	Vertical	Pass
5**	10601.575	50.11	-4.15	54.0	-3.89	AV	43.00	300	Vertical	Pass
6	16188.225	50.56	-0.44	74.0	-23.44	Peak	360.00	400	Vertical	Pass
6**	16188.225	41.26	-0.44	54.0	-12.74	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.600	38.05	-17.37	74.0	-35.95	Peak	138.00	200	Horizontal	Pass
1**	1490.600	28.12	-17.37	54.0	-25.88	AV	138.00	200	Horizontal	Pass
2	4372.500	48.02	-4.23	74.0	-25.98	Peak	100.00	300	Horizontal	Pass
2**	4372.500	39.91	-4.23	54.0	-14.09	AV	100.00	300	Horizontal	Pass
3	5320.750	101.09	-3.41	--	--	Peak	313.00	150	Horizontal	N/A
3**	5320.750	93.98	-3.41	--	--	AV	313.00	150	Horizontal	N/A
4	7690.500	53.19	1.61	74.0	-20.81	Peak	6.00	400	Horizontal	Pass
4**	7690.500	43.53	1.61	54.0	-10.47	AV	6.00	400	Horizontal	Pass
5	10638.862	55.97	-4.64	74.0	-18.03	Peak	55.00	400	Horizontal	Pass
5**	10638.862	52.56	-4.64	54.0	-1.44	AV	55.00	400	Horizontal	Pass
6	16051.463	51.01	-0.13	74.0	-22.99	Peak	329.00	400	Horizontal	Pass
6**	16051.463	40.71	-0.13	54.0	-13.29	AV	329.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.100	40.33	-17.47	74.0	-33.67	Peak	218.00	100	Vertical	Pass
1**	1493.100	28.23	-17.47	54.0	-25.77	AV	218.00	100	Vertical	Pass
2	4363.750	48.26	-4.20	74.0	-25.74	Peak	13.00	300	Vertical	Pass
2**	4363.750	38.95	-4.20	54.0	-15.05	AV	13.00	300	Vertical	Pass
3	5321.750	102.37	-3.36	--	--	Peak	261.00	200	Vertical	N/A
3**	5321.750	94.89	-3.36	--	--	AV	261.00	200	Vertical	N/A
4	7584.750	53.02	0.07	74.0	-20.98	Peak	261.00	100	Vertical	Pass
4**	7584.750	43.33	0.07	54.0	-10.67	AV	261.00	100	Vertical	Pass
5	10641.237	53.24	-4.67	74.0	-20.76	Peak	55.00	100	Vertical	Pass
5**	10641.237	50.56	-4.67	54.0	-3.44	AV	55.00	100	Vertical	Pass
6	16177.724	51.58	-0.45	74.0	-22.42	Peak	130.00	200	Vertical	Pass
6**	16177.724	42.08	-0.45	54.0	-11.92	AV	130.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.900	38.42	-17.29	74.0	-35.58	Peak	220.00	400	Horizontal	Pass
1**	1497.900	29.61	-17.29	54.0	-24.39	AV	220.00	400	Horizontal	Pass
2	4252.500	47.61	-5.04	74.0	-26.39	Peak	230.00	400	Horizontal	Pass
2**	4252.500	37.59	-5.04	54.0	-16.41	AV	230.00	400	Horizontal	Pass
3	5280.750	100.56	-3.42	--	--	Peak	56.00	150	Horizontal	N/A
3**	5280.750	92.14	-3.42	--	--	AV	56.00	150	Horizontal	N/A
4	7518.000	51.82	0.90	74.0	-22.18	Peak	151.00	300	Horizontal	Pass
4**	7518.000	43.80	0.90	54.0	-10.20	AV	151.00	300	Horizontal	Pass
5	10535.022	63.14	-4.54	68.2	-5.06	Peak	151.00	300	Vertical	Pass
5**	10535.022	55.94	-4.54	--	--	AV	151.00	300	Vertical	N/A
6	16050.413	50.73	-0.11	74.0	-23.27	Peak	8.00	100	Horizontal	Pass
6**	16050.413	41.92	-0.11	54.0	-12.08	AV	8.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.700	40.33	-17.39	74.0	-33.67	Peak	227.00	300	Vertical	Pass
1**	1495.700	30.16	-17.39	54.0	-23.84	AV	227.00	300	Vertical	Pass
2	4312.500	47.95	-4.30	74.0	-26.05	Peak	292.00	100	Vertical	Pass
2**	4312.500	38.24	-4.30	54.0	-15.76	AV	292.00	100	Vertical	Pass
3	5260.500	98.96	-3.71	--	--	Peak	95.00	200	Vertical	N/A
3**	5260.500	90.57	-3.71	--	--	AV	95.00	200	Vertical	N/A
4	7465.750	52.37	0.81	74.0	-21.63	Peak	181.00	300	Vertical	Pass
4**	7465.750	43.00	0.81	54.0	-11.00	AV	181.00	300	Vertical	Pass
5	10535.312	62.44	-4.54	68.2	-5.76	Peak	56.00	300	Vertical	Pass
5**	10535.312	53.94	-4.54	--	--	AV	56.00	300	Vertical	N/A
6	16020.487	51.21	-0.13	74.0	-22.79	Peak	279.00	200	Vertical	Pass
6**	16020.487	41.71	-0.13	54.0	-12.29	AV	279.00	200	Vertical	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.200	37.97	-17.55	74.0	-36.03	Peak	357.00	300	Horizontal	Pass
1**	1571.200	28.40	-17.55	54.0	-25.60	AV	357.00	300	Horizontal	Pass
2	4270.250	48.31	-4.86	74.0	-25.69	Peak	115.00	300	Horizontal	Pass
2**	4270.250	39.14	-4.86	54.0	-14.86	AV	115.00	300	Horizontal	Pass
3	5315.250	99.64	-3.51	--	--	Peak	314.00	150	Horizontal	N/A
3**	5315.250	90.68	-3.51	--	--	AV	314.00	150	Horizontal	N/A
4	7516.500	53.01	0.93	74.0	-20.99	Peak	201.00	300	Horizontal	Pass
4**	7516.500	44.11	0.93	54.0	-9.89	AV	201.00	300	Horizontal	Pass
5	10621.763	53.17	-4.42	74.0	-20.83	Peak	43.00	300	Horizontal	Pass
5**	10621.763	50.93	-4.42	54.0	-3.07	AV	43.00	300	Horizontal	Pass
6	16154.362	51.24	-0.47	74.0	-22.76	Peak	236.00	400	Horizontal	Pass
6**	16154.362	42.28	-0.47	54.0	-11.72	AV	236.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.800	40.36	-17.38	74.0	-33.64	Peak	28.00	300	Vertical	Pass
1**	1495.800	30.26	-17.38	54.0	-23.74	AV	28.00	300	Vertical	Pass
2	4375.000	48.15	-4.14	74.0	-25.85	Peak	95.00	300	Vertical	Pass
2**	4375.000	39.24	-4.14	54.0	-14.76	AV	95.00	300	Vertical	Pass
3	5308.750	99.37	-3.72	--	--	Peak	269.00	200	Vertical	N/A
3**	5308.750	92.02	-3.72	--	--	AV	269.00	200	Vertical	N/A
4	7506.750	52.97	0.10	74.0	-21.03	Peak	183.00	200	Vertical	Pass
4**	7506.750	43.71	0.10	54.0	-10.29	AV	183.00	200	Vertical	Pass
5	10627.700	52.73	-4.49	74.0	-21.27	Peak	248.00	200	Vertical	Pass
5**	10627.700	51.60	-4.49	54.0	-2.40	AV	248.00	200	Vertical	Pass
6	16179.037	51.64	-0.45	74.0	-22.36	Peak	91.00	100	Vertical	Pass
6**	16179.037	42.93	-0.45	54.0	-11.07	AV	91.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1549.200	37.64	-17.75	74.0	-36.36	Peak	220.00	200	Horizontal	Pass
1**	1549.200	28.02	-17.75	54.0	-25.98	AV	220.00	200	Horizontal	Pass
2	4262.000	47.70	-4.54	74.0	-26.30	Peak	360.00	300	Horizontal	Pass
2**	4262.000	38.16	-4.54	54.0	-15.84	AV	360.00	300	Horizontal	Pass
3	5259.500	100.66	-3.61	--	--	Peak	317.00	100	Horizontal	N/A
3**	5259.500	94.03	-3.61	--	--	AV	317.00	100	Horizontal	N/A
4	7457.250	52.37	1.14	74.0	-21.63	Peak	243.00	100	Horizontal	Pass
4**	7457.250	43.52	1.14	54.0	-10.48	AV	243.00	100	Horizontal	Pass
5	10519.162	64.62	-4.49	68.2	-3.58	Peak	29.00	200	Horizontal	Pass
5**	10519.162	54.74	-4.49	--	--	AV	29.00	200	Horizontal	N/A
6	15780.563	51.32	-0.80	74.0	-22.68	Peak	336.00	300	Horizontal	Pass
6**	15780.563	43.21	-0.80	54.0	-10.79	AV	336.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.000	39.52	-17.29	74.0	-34.48	Peak	186.00	400	Vertical	Pass
1**	1499.000	28.10	-17.29	54.0	-25.90	AV	186.00	400	Vertical	Pass
2	4259.500	47.16	-4.51	74.0	-26.84	Peak	115.00	200	Vertical	Pass
2**	4259.500	38.24	-4.51	54.0	-15.76	AV	115.00	200	Vertical	Pass
3	5258.500	100.80	-3.84	--	--	Peak	272.00	100	Vertical	N/A
3**	5258.500	92.77	-3.84	--	--	AV	272.00	100	Vertical	N/A
4	7688.250	52.73	1.63	74.0	-21.27	Peak	225.00	400	Vertical	Pass
4**	7688.250	43.39	1.63	54.0	-10.61	AV	225.00	400	Vertical	Pass
5	10525.100	62.65	-4.51	68.2	-5.55	Peak	339.00	400	Vertical	Pass
5**	10525.100	53.60	-4.51	--	--	AV	339.00	400	Vertical	N/A
6	15704.700	51.08	0.00	74.0	-22.92	Peak	0.00	100	Vertical	Pass
6**	15704.700	42.56	0.00	54.0	-11.44	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.000	38.26	-17.31	74.0	-35.74	Peak	211.00	400	Horizontal	Pass
1**	1497.000	28.84	-17.31	54.0	-25.16	AV	211.00	400	Horizontal	Pass
2	4293.750	47.60	-4.51	74.0	-26.40	Peak	183.00	100	Horizontal	Pass
2**	4293.750	38.72	-4.51	54.0	-15.28	AV	183.00	100	Horizontal	Pass
3	5302.250	100.52	-3.65	--	--	Peak	303.00	200	Horizontal	N/A
3**	5302.250	93.66	-3.65	--	--	AV	303.00	200	Horizontal	N/A
4	7703.000	52.91	1.92	74.0	-21.09	Peak	320.00	400	Horizontal	Pass
4**	7703.000	44.75	1.92	54.0	-9.25	AV	320.00	400	Horizontal	Pass
5	10601.575	55.19	-4.15	74.0	-14.81	Peak	70.00	400	Horizontal	Pass
5**	10601.575	48.64	-4.15	54.0	-5.36	AV	70.00	400	Horizontal	Pass
6	16035.450	51.38	-0.11	74.0	-22.62	Peak	141.00	100	Horizontal	Pass
6**	16035.450	42.10	-0.11	54.0	-11.90	AV	141.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.100	38.46	-17.31	74.0	-35.54	Peak	213.00	400	Vertical	Pass
1**	1497.100	28.76	-17.31	54.0	-25.24	AV	213.00	400	Vertical	Pass
2	4313.250	48.03	-4.33	74.0	-25.97	Peak	17.00	300	Vertical	Pass
2**	4313.250	38.42	-4.33	54.0	-15.58	AV	17.00	300	Vertical	Pass
3	5302.500	100.76	-3.64	--	--	Peak	268.00	150	Vertical	N/A
3**	5302.500	93.20	-3.64	--	--	AV	268.00	150	Vertical	N/A
4	7516.500	53.28	0.93	74.0	-20.72	Peak	217.00	400	Vertical	Pass
4**	7516.500	45.18	0.93	54.0	-8.82	AV	217.00	400	Vertical	Pass
5	10597.537	59.72	-4.15	74.0	-14.28	Peak	360.00	400	Vertical	Pass
5**	10597.537	51.78	-4.15	54.0	-2.22	AV	360.00	400	Vertical	Pass
6	16185.600	50.75	-0.45	74.0	-23.25	Peak	360.00	200	Vertical	Pass
6**	16185.600	41.09	-0.45	54.0	-12.91	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.500	38.96	-17.37	74.0	-35.04	Peak	89.00	400	Horizontal	Pass
1**	1490.500	28.63	-17.37	54.0	-25.37	AV	89.00	400	Horizontal	Pass
2	4377.500	48.07	-3.92	74.0	-25.93	Peak	5.00	300	Horizontal	Pass
2**	4377.500	38.76	-3.92	54.0	-15.24	AV	5.00	300	Horizontal	Pass
3	5315.750	100.76	-3.44	--	--	Peak	315.00	200	Horizontal	N/A
3**	5315.750	92.52	-3.44	--	--	AV	315.00	200	Horizontal	N/A
4	7685.750	53.05	1.33	74.0	-20.95	Peak	281.00	200	Horizontal	Pass
4**	7685.750	44.62	1.33	54.0	-9.38	AV	281.00	200	Horizontal	Pass
5	10639.813	56.72	-4.65	74.0	-17.28	Peak	55.00	200	Horizontal	Pass
5**	10639.813	51.78	-4.65	54.0	-2.22	AV	55.00	200	Horizontal	Pass
6	16171.162	50.98	-0.45	74.0	-23.02	Peak	316.00	200	Horizontal	Pass
6**	16171.162	42.77	-0.45	54.0	-11.23	AV	316.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.600	41.94	-17.29	74.0	-32.06	Peak	215.00	400	Vertical	Pass
1**	1498.600	29.47	-17.29	54.0	-24.53	AV	215.00	400	Vertical	Pass
2	4358.250	47.94	-4.12	74.0	-26.06	Peak	0.00	400	Vertical	Pass
2**	4358.250	38.78	-4.12	54.0	-15.22	AV	0.00	400	Vertical	Pass
3	5317.500	100.95	-3.38	--	--	Peak	264.00	100	Vertical	N/A
3**	5317.500	93.43	-3.38	--	--	AV	264.00	100	Vertical	N/A
4	7694.500	53.74	1.71	74.0	-20.26	Peak	28.00	300	Vertical	Pass
4**	7694.500	43.50	1.71	54.0	-10.50	AV	28.00	300	Vertical	Pass
5	10641.475	56.56	-4.68	74.0	-17.44	Peak	345.00	100	Vertical	Pass
5**	10641.475	51.55	-4.68	54.0	-2.45	AV	345.00	100	Vertical	Pass
6	16165.650	51.62	-0.46	74.0	-22.38	Peak	178.00	300	Vertical	Pass
6**	16165.650	42.74	-0.46	54.0	-11.26	AV	178.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.900	37.70	-17.59	74.0	-36.30	Peak	195.00	200	Horizontal	Pass
1**	1572.900	28.75	-17.59	54.0	-25.25	AV	195.00	200	Horizontal	Pass
2	4277.500	48.71	-4.79	74.0	-25.29	Peak	251.00	100	Horizontal	Pass
2**	4277.500	38.03	-4.79	54.0	-15.97	AV	251.00	100	Horizontal	Pass
3	5268.750	100.72	-3.45	--	--	Peak	312.00	100	Horizontal	N/A
3**	5268.750	93.98	-3.45	--	--	AV	312.00	100	Horizontal	N/A
4	7508.500	52.55	0.41	74.0	-21.45	Peak	127.00	300	Horizontal	Pass
4**	7508.500	43.87	0.41	54.0	-10.13	AV	127.00	300	Horizontal	Pass
5	10533.888	65.25	-4.54	68.2	-2.95	Peak	33.00	300	Horizontal	Pass
5**	10533.888	56.59	-4.54	--	--	AV	33.00	300	Horizontal	N/A
6	16149.375	51.21	-0.47	74.0	-22.79	Peak	171.00	200	Horizontal	Pass
6**	16149.375	42.51	-0.47	54.0	-11.49	AV	171.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.300	39.33	-17.34	74.0	-34.67	Peak	59.00	400	Vertical	Pass
1**	1496.300	29.80	-17.34	54.0	-24.20	AV	59.00	400	Vertical	Pass
2	4253.750	47.32	-4.91	74.0	-26.68	Peak	207.00	300	Vertical	Pass
2**	4253.750	37.88	-4.91	54.0	-16.12	AV	207.00	300	Vertical	Pass
3	5274.500	98.21	-3.06	--	--	Peak	270.00	200	Vertical	N/A
3**	5274.500	91.30	-3.06	--	--	AV	270.00	200	Vertical	N/A
4	7508.750	53.22	0.44	74.0	-20.78	Peak	163.00	400	Vertical	Pass
4**	7508.750	43.05	0.44	54.0	-10.95	AV	163.00	400	Vertical	Pass
5	10551.463	62.92	-4.58	68.2	-5.28	Peak	351.00	400	Vertical	Pass
5**	10551.463	53.94	-4.58	--	--	AV	351.00	400	Vertical	N/A
6	16177.988	51.16	-0.45	74.0	-22.84	Peak	91.00	200	Vertical	Pass
6**	16177.988	42.44	-0.45	54.0	-11.56	AV	91.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.300	37.57	-17.41	74.0	-36.43	Peak	215.00	300	Horizontal	Pass
1**	1503.300	28.21	-17.41	54.0	-25.79	AV	215.00	300	Horizontal	Pass
2	4249.750	47.95	-5.04	74.0	-26.05	Peak	192.00	400	Horizontal	Pass
2**	4249.750	38.25	-5.04	54.0	-15.75	AV	192.00	400	Horizontal	Pass
3	5307.250	100.54	-3.53	--	--	Peak	315.00	100	Horizontal	N/A
3**	5307.250	91.98	-3.53	--	--	AV	315.00	100	Horizontal	N/A
4	7463.250	52.69	1.04	74.0	-21.31	Peak	323.00	100	Horizontal	Pass
4**	7463.250	44.46	1.04	54.0	-9.54	AV	323.00	100	Horizontal	Pass
5	10614.638	54.97	-4.32	74.0	-19.03	Peak	59.00	100	Horizontal	Pass
5**	10614.638	50.34	-4.32	54.0	-3.66	AV	59.00	100	Horizontal	Pass
6	16164.862	52.23	-0.46	74.0	-21.77	Peak	360.00	200	Horizontal	Pass
6**	16164.862	43.00	-0.46	54.0	-11.00	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.300	43.12	-17.42	74.0	-30.88	Peak	208.00	400	Vertical	Pass
1**	1495.300	31.13	-17.42	54.0	-22.87	AV	208.00	400	Vertical	Pass
2	4373.250	48.55	-4.25	74.0	-25.45	Peak	360.00	200	Vertical	Pass
2**	4373.250	39.55	-4.25	54.0	-14.45	AV	360.00	200	Vertical	Pass
3	5301.750	99.77	-3.65	--	--	Peak	261.00	150	Vertical	N/A
3**	5301.750	92.08	-3.65	--	--	AV	261.00	150	Vertical	N/A
4	7455.000	52.76	1.17	74.0	-21.24	Peak	115.00	100	Vertical	Pass
4**	7455.000	44.52	1.17	54.0	-9.48	AV	115.00	100	Vertical	Pass
5	10632.450	53.76	-4.56	74.0	-20.24	Peak	262.00	100	Vertical	Pass
5**	10632.450	50.53	-4.56	54.0	-3.47	AV	262.00	100	Vertical	Pass
6	16216.313	51.45	-0.39	68.2	-16.75	Peak	264.00	100	Vertical	Pass
6**	16216.313	42.83	-0.45	54.0	-11.17	AV	264.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.400	37.85	-17.27	74.0	-36.15	Peak	80.00	200	Horizontal	Pass
1**	1441.400	27.78	-17.27	54.0	-26.22	AV	80.00	200	Horizontal	Pass
2	4296.500	47.74	-4.43	74.0	-26.26	Peak	98.00	400	Horizontal	Pass
2**	4296.500	37.91	-4.43	54.0	-16.09	AV	98.00	400	Horizontal	Pass
3	5300.750	97.51	-3.66	--	--	Peak	311.00	150	Horizontal	N/A
3**	5300.750	88.39	-3.66	--	--	AV	311.00	150	Horizontal	N/A
4	7464.500	52.56	0.86	74.0	-21.44	Peak	258.00	300	Horizontal	Pass
4**	7464.500	43.20	0.86	54.0	-10.80	AV	258.00	300	Horizontal	Pass
5	10578.062	63.08	-4.33	68.2	-5.12	Peak	33.00	300	Horizontal	Pass
5**	10578.062	52.46	-4.33	--	--	AV	33.00	300	Horizontal	N/A
6	16198.988	51.23	-0.44	74.0	-22.77	Peak	77.00	300	Horizontal	Pass
6**	16198.988	42.60	-0.44	54.0	-11.40	AV	77.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1472.600	38.39	-17.40	74.0	-35.61	Peak	87.00	100	Vertical	Pass
1**	1472.600	28.47	-17.40	54.0	-25.53	AV	87.00	100	Vertical	Pass
2	4361.500	47.26	-4.27	74.0	-26.74	Peak	27.00	100	Vertical	Pass
2**	4361.500	39.28	-4.27	54.0	-14.72	AV	27.00	100	Vertical	Pass
3	5299.500	95.50	-3.64	--	--	Peak	268.00	200	Vertical	N/A
3**	5299.500	87.62	-3.64	--	--	AV	268.00	200	Vertical	N/A
4	7515.500	52.51	0.88	74.0	-21.49	Peak	356.00	200	Vertical	Pass
4**	7515.500	43.74	0.88	54.0	-10.26	AV	356.00	200	Vertical	Pass
5	10577.825	60.53	-4.33	68.2	-7.67	Peak	267.00	200	Vertical	Pass
5**	10577.825	49.90	-4.33	--	--	AV	267.00	200	Vertical	N/A
6	16177.200	51.40	-0.45	74.0	-22.60	Peak	320.00	400	Vertical	Pass
6**	16177.200	42.73	-0.45	54.0	-11.27	AV	320.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.500	37.65	-17.31	74.0	-36.35	Peak	44.00	400	Horizontal	Pass
1**	1487.500	28.71	-17.31	54.0	-25.29	AV	44.00	400	Horizontal	Pass
2	4291.250	47.65	-4.67	74.0	-26.35	Peak	142.00	300	Horizontal	Pass
2**	4291.250	38.45	-4.67	54.0	-15.55	AV	142.00	300	Horizontal	Pass
3	5495.500	97.78	-3.05	--	--	Peak	341.00	100	Horizontal	N/A
3**	5495.500	89.42	-3.05	--	--	AV	341.00	100	Horizontal	N/A
4	7455.250	53.45	1.16	74.0	-20.55	Peak	167.00	400	Horizontal	Pass
4**	7455.250	43.86	1.16	54.0	-10.14	AV	167.00	400	Horizontal	Pass
5	11000.575	58.11	-4.80	74.0	-15.89	Peak	74.00	400	Horizontal	Pass
5**	11000.575	46.492	-4.80	54.0	-7.508	AV	74.00	400	Horizontal	Pass
6	15715.987	51.38	-0.23	74.0	-22.62	Peak	354.00	100	Horizontal	Pass
6**	15715.987	42.29	-0.23	54.0	-11.71	AV	354.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.500	39.86	-17.29	74.0	-34.14	Peak	220.00	200	Vertical	Pass
1**	1499.500	28.05	-17.29	54.0	-25.95	AV	220.00	200	Vertical	Pass
2	3981.250	47.91	-6.06	74.0	-26.09	Peak	124.00	200	Vertical	Pass
2**	3981.250	36.53	-6.06	54.0	-17.47	AV	124.00	200	Vertical	Pass
3	5502.750	98.82	-3.23	--	--	Peak	279.00	150	Vertical	N/A
3**	5502.750	91.38	-3.23	--	--	AV	279.00	150	Vertical	N/A
4	7699.000	52.68	1.76	74.0	-21.32	Peak	90.00	300	Vertical	Pass
4**	7699.000	42.79	1.76	54.0	-11.21	AV	90.00	300	Vertical	Pass
5	10999.625	56.92	-4.80	74.0	-17.08	Peak	72.00	300	Vertical	Pass
5**	10999.625	48.501	-4.80	54.0	-5.499	AV	72.00	300	Vertical	Pass
6	16151.213	50.98	-0.47	74.0	-23.02	Peak	0.00	300	Vertical	Pass
6**	16151.213	42.00	-0.47	54.0	-12.00	AV	0.00	300	Vertical	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.400	38.09	-17.54	74.0	-35.91	Peak	207.00	400	Horizontal	Pass
1**	1602.400	27.83	-17.54	54.0	-26.17	AV	207.00	400	Horizontal	Pass
2	4236.750	48.91	-5.12	74.0	-25.09	Peak	288.00	200	Horizontal	Pass
2**	4236.750	37.45	-5.12	54.0	-16.55	AV	288.00	200	Horizontal	Pass
3	5578.750	99.95	-2.83	--	--	Peak	322.00	200	Horizontal	N/A
3**	5578.750	92.85	-2.83	--	--	AV	322.00	200	Horizontal	N/A
4	7566.750	53.36	-0.05	74.0	-20.64	Peak	151.00	300	Horizontal	Pass
4**	7566.750	42.91	-0.05	54.0	-11.09	AV	151.00	300	Horizontal	Pass
5	11161.838	58.30	-4.33	74.0	-15.70	Peak	55.00	300	Horizontal	Pass
5**	11161.838	47.433	-4.33	54.0	-6.567	AV	55.00	300	Horizontal	Pass
6	16166.438	51.80	-0.46	74.0	-22.20	Peak	27.00	100	Horizontal	Pass
6**	16166.438	42.15	-0.46	54.0	-11.85	AV	27.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.000	40.08	-17.46	74.0	-33.92	Peak	229.00	300	Vertical	Pass
1**	1493.000	30.64	-17.46	54.0	-23.36	AV	229.00	300	Vertical	Pass
2	4306.000	47.82	-4.18	74.0	-26.18	Peak	361.00	100	Vertical	Pass
2**	4306.000	38.59	-4.18	54.0	-15.41	AV	361.00	100	Vertical	Pass
3	5579.000	100.05	-2.80	--	-167.95	Peak	268.00	200	Vertical	N/A
3**	5579.000	93.00	-2.80	--	93.00	AV	268.00	200	Vertical	N/A
4	7454.500	52.27	1.17	74.0	-21.73	Peak	277.00	400	Vertical	Pass
4**	7454.500	43.28	1.17	54.0	-10.72	AV	277.00	400	Vertical	Pass
5	11161.838	56.68	-4.33	74.0	-17.32	Peak	353.00	400	Vertical	Pass
5**	11161.838	51.128	-4.33	54.0	-2.872	AV	353.00	400	Vertical	Pass
6	16018.125	51.19	-0.13	74.0	-22.81	Peak	278.00	300	Vertical	Pass
6**	16018.125	40.24	-0.13	54.0	-13.76	AV	278.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.500	38.93	-17.33	74.0	-35.07	Peak	119.00	400	Horizontal	Pass
1**	1496.500	28.63	-17.33	54.0	-25.37	AV	119.00	400	Horizontal	Pass
2	4310.000	47.44	-4.31	74.0	-26.56	Peak	272.00	300	Horizontal	Pass
2**	4310.000	38.56	-4.31	54.0	-15.44	AV	272.00	300	Horizontal	Pass
3	5701.500	99.70	-2.86	--	--	Peak	331.00	200	Horizontal	N/A
3**	5701.500	91.75	-2.86	--	--	AV	331.00	200	Horizontal	N/A
4	7482.500	52.69	-0.19	74.0	-21.31	Peak	322.00	200	Horizontal	Pass
4**	7482.500	43.23	-0.19	54.0	-10.77	AV	322.00	200	Horizontal	Pass
5	11401.000	58.40	-4.21	74.0	-15.60	Peak	43.00	200	Horizontal	Pass
5**	11401.000	51.83	-4.21	54.0	-2.17	AV	43.00	200	Horizontal	Pass
6	16167.224	51.95	-0.46	74.0	-22.05	Peak	0.00	200	Horizontal	Pass
6**	16167.224	42.88	-0.46	54.0	-11.12	AV	0.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.600	37.84	-17.33	74.0	-36.16	Peak	126.00	300	Vertical	Pass
1**	1496.600	30.46	-17.33	54.0	-23.54	AV	126.00	300	Vertical	Pass
2	4258.750	47.75	-4.55	74.0	-26.25	Peak	106.00	100	Vertical	Pass
2**	4258.750	38.53	-4.55	54.0	-15.47	AV	106.00	100	Vertical	Pass
3	5698.000	98.06	-2.91	--	--	Peak	270.00	200	Vertical	N/A
3**	5698.000	90.32	-2.91	--	--	AV	270.00	200	Vertical	N/A
4	7461.250	52.78	1.13	74.0	-21.22	Peak	278.00	300	Vertical	Pass
4**	7461.250	44.20	1.13	54.0	-9.80	AV	278.00	300	Vertical	Pass
5	11399.338	57.11	-4.22	74.0	-16.89	Peak	276.00	300	Vertical	Pass
5**	11399.338	51.36	-4.22	54.0	-2.64	AV	276.00	300	Vertical	Pass
6	16183.500	51.54	-0.45	74.0	-22.46	Peak	278.00	200	Vertical	Pass
6**	16183.500	42.97	-0.45	54.0	-11.03	AV	278.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.300	38.27	-17.29	74.0	-35.73	Peak	67.00	300	Horizontal	Pass
1**	1499.300	28.21	-17.29	54.0	-25.79	AV	67.00	300	Horizontal	Pass
2	4298.750	47.27	-4.72	74.0	-26.73	Peak	245.00	100	Horizontal	Pass
2**	4298.750	38.23	-4.72	54.0	-15.77	AV	245.00	100	Horizontal	Pass
3	5498.250	98.48	-3.34	--	--	Peak	331.00	100	Horizontal	N/A
3**	5498.250	90.63	-3.34	--	--	AV	331.00	100	Horizontal	N/A
4	7711.000	53.44	1.32	74.0	-20.56	Peak	175.00	100	Horizontal	Pass
4**	7711.000	43.04	1.32	54.0	-10.96	AV	175.00	100	Horizontal	Pass
5	10994.638	54.33	-4.81	74.0	-19.67	Peak	90.00	100	Horizontal	Pass
5**	10994.638	49.20	-4.81	54.0	-4.80	AV	90.00	100	Horizontal	Pass
6	16162.763	51.63	-0.46	74.0	-22.37	Peak	292.00	100	Horizontal	Pass
6**	16162.763	42.78	-0.46	54.0	-11.22	AV	292.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.800	39.49	-17.44	74.0	-34.51	Peak	221.00	100	Vertical	Pass
1**	1492.800	28.34	-17.44	54.0	-25.66	AV	221.00	100	Vertical	Pass
2	4288.750	47.34	-4.49	74.0	-26.66	Peak	226.00	400	Vertical	Pass
2**	4288.750	39.19	-4.49	54.0	-14.81	AV	226.00	400	Vertical	Pass
3	5503.250	99.96	-3.27	--	--	Peak	270.00	100	Vertical	N/A
3**	5503.250	91.75	-3.27	--	--	AV	270.00	100	Vertical	N/A
4	7455.500	52.28	1.16	74.0	-21.72	Peak	87.00	200	Vertical	Pass
4**	7455.500	44.39	1.16	54.0	-9.61	AV	87.00	200	Vertical	Pass
5	10998.674	55.66	-4.80	74.0	-18.34	Peak	348.00	100	Vertical	Pass
5**	10998.674	50.229	-4.80	54.0	-3.771	AV	80.00	200	Vertical	Pass
6	16190.850	51.47	-0.44	74.0	-22.53	Peak	158.00	200	Vertical	Pass
6**	16190.850	41.85	-0.44	54.0	-12.15	AV	158.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1551.300	38.02	-17.68	74.0	-35.98	Peak	108.00	300	Horizontal	Pass
1**	1551.300	27.61	-17.68	54.0	-26.39	AV	108.00	300	Horizontal	Pass
2	4254.000	47.87	-4.88	74.0	-26.13	Peak	228.00	400	Horizontal	Pass
2**	4254.000	38.17	-4.88	54.0	-15.83	AV	228.00	400	Horizontal	Pass
3	5582.750	99.72	-2.84	--	--	Peak	331.00	200	Horizontal	N/A
3**	5582.750	91.59	-2.84	--	--	AV	331.00	200	Horizontal	N/A
4	7457.250	52.54	1.14	74.0	-21.46	Peak	135.00	400	Horizontal	Pass
4**	7457.250	43.93	1.14	54.0	-10.07	AV	135.00	400	Horizontal	Pass
5	11155.425	52.78	-4.38	74.0	-21.22	Peak	358.00	200	Horizontal	Pass
5**	11155.425	49.12	-4.38	54.0	-4.88	AV	358.00	200	Horizontal	Pass
6	16160.400	51.91	-0.46	74.0	-22.09	Peak	13.00	400	Horizontal	Pass
6**	16160.400	42.86	-0.46	54.0	-11.14	AV	13.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	39.57	-17.30	74.0	-34.43	Peak	209.00	300	Vertical	Pass
1**	1500.200	28.01	-17.30	54.0	-25.99	AV	209.00	300	Vertical	Pass
2	4303.750	47.42	-4.28	74.0	-26.58	Peak	89.00	300	Vertical	Pass
2**	4303.750	38.87	-4.28	54.0	-15.13	AV	89.00	300	Vertical	Pass
3	5582.000	100.94	-2.79	--	--	Peak	272.00	200	Vertical	N/A
3**	5582.000	92.77	-2.79	--	--	AV	272.00	200	Vertical	N/A
4	7450.000	52.77	0.65	74.0	-21.23	Peak	194.00	300	Vertical	Pass
4**	7450.000	43.12	0.65	54.0	-10.88	AV	194.00	300	Vertical	Pass
5	11161.838	52.47	-4.33	74.0	-21.53	Peak	276.00	300	Vertical	Pass
5**	11161.838	50.12	-4.33	54.0	-3.88	AV	276.00	300	Vertical	Pass
6	16190.063	52.02	-0.44	74.0	-21.98	Peak	87.00	100	Vertical	Pass
6**	16190.063	43.44	-0.44	54.0	-10.56	AV	87.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.800	37.76	-17.46	74.0	-36.24	Peak	251.00	300	Horizontal	Pass
1**	1494.800	28.91	-17.46	54.0	-25.09	AV	251.00	300	Horizontal	Pass
2	4337.000	47.88	-4.67	74.0	-26.12	Peak	124.00	200	Horizontal	Pass
2**	4337.000	37.81	-4.67	54.0	-16.19	AV	124.00	200	Horizontal	Pass
3	5701.750	98.79	-2.87	--	--	Peak	331.00	150	Horizontal	N/A
3**	5701.750	91.11	-2.87	--	--	AV	331.00	150	Horizontal	N/A
4	7721.500	52.41	0.66	74.0	-21.59	Peak	262.00	400	Horizontal	Pass
4**	7721.500	42.31	0.66	54.0	-11.69	AV	262.00	400	Horizontal	Pass
5	11398.862	52.99	-4.22	74.0	-21.01	Peak	43.00	400	Horizontal	Pass
5**	11398.862	47.86	-4.22	54.0	-6.14	AV	43.00	400	Horizontal	Pass
6	16162.500	52.20	-0.46	74.0	-21.80	Peak	360.00	300	Horizontal	Pass
6**	16162.500	42.33	-0.46	54.0	-11.67	AV	360.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.100	39.57	-17.47	74.0	-34.43	Peak	234.00	200	Vertical	Pass
1**	1493.100	28.44	-17.47	54.0	-25.56	AV	234.00	200	Vertical	Pass
2	4306.500	47.73	-4.17	74.0	-26.27	Peak	270.00	100	Vertical	Pass
2**	4306.500	39.60	-4.17	54.0	-14.40	AV	270.00	100	Vertical	Pass
3	5696.250	98.49	-2.80	--	--	Peak	116.00	150	Vertical	N/A
3**	5696.250	90.57	-2.80	--	--	AV	116.00	150	Vertical	N/A
4	7456.750	52.78	1.13	74.0	-21.22	Peak	10.00	200	Vertical	Pass
4**	7456.750	43.76	1.13	54.0	-10.24	AV	10.00	200	Vertical	Pass
5	11396.487	52.60	-4.23	74.0	-21.40	Peak	355.00	200	Vertical	Pass
5**	11396.487	46.00	-4.23	54.0	-8.00	AV	355.00	200	Vertical	Pass
6	15952.238	51.53	-0.23	74.0	-22.47	Peak	322.00	200	Vertical	Pass
6**	15952.238	41.57	-0.23	54.0	-12.43	AV	322.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.500	38.73	-17.41	74.0	-35.27	Peak	63.00	200	Horizontal	Pass
1**	1495.500	29.53	-17.41	54.0	-24.47	AV	63.00	200	Horizontal	Pass
2	3841.750	47.09	-6.41	74.0	-26.91	Peak	309.00	200	Horizontal	Pass
2**	3841.750	36.84	-6.41	54.0	-17.16	AV	309.00	200	Horizontal	Pass
3	5511.750	98.10	-3.18	--	--	Peak	318.00	100	Horizontal	N/A
3**	5511.750	89.45	-3.18	--	--	AV	318.00	100	Horizontal	N/A
4	7460.000	52.85	1.14	74.0	-21.15	Peak	131.00	200	Horizontal	Pass
4**	7460.000	44.26	1.14	54.0	-9.74	AV	131.00	200	Horizontal	Pass
5	11032.401	54.51	-4.98	74.0	-19.49	Peak	353.00	200	Horizontal	Pass
5**	11032.401	46.66	-4.98	54.0	-7.34	AV	353.00	200	Horizontal	Pass
6	16188.750	51.78	-0.44	74.0	-22.22	Peak	226.00	200	Horizontal	Pass
6**	16188.750	42.51	-0.44	54.0	-11.49	AV	226.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	40.26	-17.30	74.0	-33.74	Peak	226.00	300	Vertical	Pass
1**	1500.200	28.91	-17.30	54.0	-25.09	AV	226.00	300	Vertical	Pass
2	4241.750	48.09	-5.23	74.0	-25.91	Peak	253.00	400	Vertical	Pass
2**	4241.750	37.51	-5.23	54.0	-16.49	AV	253.00	400	Vertical	Pass
3	5507.500	98.54	-3.25	--	--	Peak	270.00	150	Vertical	N/A
3**	5507.500	91.74	-3.25	--	--	AV	270.00	150	Vertical	N/A
4	7450.000	52.14	0.65	74.0	-21.86	Peak	0.00	100	Vertical	Pass
4**	7450.000	42.96	0.65	54.0	-11.04	AV	0.00	100	Vertical	Pass
5	11018.863	51.03	-4.90	74.0	-22.97	Peak	318.00	100	Vertical	Pass
5**	11018.863	48.29	-4.90	54.0	-5.71	AV	318.00	100	Vertical	Pass
6	15702.600	51.91	0.05	74.0	-22.09	Peak	220.00	200	Vertical	Pass
6**	15702.600	41.36	0.05	54.0	-12.64	AV	220.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.500	38.36	-17.30	74.0	-35.64	Peak	103.00	100	Horizontal	Pass
1**	1497.500	28.24	-17.30	54.0	-25.76	AV	103.00	100	Horizontal	Pass
2	4358.250	48.13	-4.12	74.0	-25.87	Peak	115.00	100	Horizontal	Pass
2**	4358.250	39.15	-4.12	54.0	-14.85	AV	115.00	100	Horizontal	Pass
3	5587.000	97.57	-3.11	--	--	Peak	342.00	100	Horizontal	N/A
3**	5587.000	90.59	-3.11	--	--	AV	342.00	100	Horizontal	N/A
4	7654.750	52.71	-0.33	74.0	-21.29	Peak	359.00	100	Horizontal	Pass
4**	7654.750	42.41	-0.33	54.0	-11.59	AV	359.00	100	Horizontal	Pass
5	11168.012	51.03	-4.28	74.0	-22.92	Peak	12.00	100	Horizontal	Pass
5**	11168.012	47.69	-4.28	54.0	-6.31	AV	12.00	100	Horizontal	Pass
6	16041.487	51.12	-0.11	74.0	-22.88	Peak	19.00	100	Horizontal	Pass
6**	16041.487	41.65	-0.11	54.0	-12.35	AV	19.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.500	39.23	-17.33	74.0	-34.77	Peak	208.00	200	Vertical	Pass
1**	1496.500	29.13	-17.33	54.0	-24.87	AV	208.00	200	Vertical	Pass
2	4219.750	47.68	-5.63	74.0	-26.32	Peak	357.00	200	Vertical	Pass
2**	4219.750	37.57	-5.63	54.0	-16.43	AV	357.00	200	Vertical	Pass
3	5580.750	98.57	-2.69	--	--	Peak	280.00	100	Vertical	N/A
3**	5580.750	90.77	-2.69	--	--	AV	280.00	100	Vertical	N/A
4	7272.250	52.48	-0.44	74.0	-21.52	Peak	288.00	400	Vertical	Pass
4**	7272.250	41.94	-0.44	54.0	-12.06	AV	288.00	400	Vertical	Pass
5	11178.700	52.19	-4.21	74.0	-21.81	Peak	353.00	400	Vertical	Pass
5**	11178.700	49.36	-4.21	54.0	-4.64	AV	353.00	400	Vertical	Pass
6	15459.000	51.15	-0.26	74.0	-22.85	Peak	0.00	100	Vertical	Pass
6**	15459.000	41.38	-0.26	54.0	-12.62	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1552.100	38.15	-17.76	74.0	-35.85	Peak	241.00	100	Horizontal	Pass
1**	1552.100	28.01	-17.76	54.0	-25.99	AV	241.00	100	Horizontal	Pass
2	4358.500	47.37	-4.11	74.0	-26.63	Peak	144.00	300	Horizontal	Pass
2**	4358.500	38.51	-4.11	54.0	-15.49	AV	144.00	300	Horizontal	Pass
3	5674.000	97.04	-3.29	--	--	Peak	340.00	200	Horizontal	N/A
3**	5674.000	90.30	-3.29	--	--	AV	340.00	200	Horizontal	N/A
4	7452.250	52.34	0.92	74.0	-21.66	Peak	203.00	100	Horizontal	Pass
4**	7452.250	43.21	0.92	54.0	-10.79	AV	203.00	100	Horizontal	Pass
5	11341.625	49.71	-4.40	74.0	-24.29	Peak	27.00	100	Horizontal	Pass
5**	11341.625	46.78	-4.40	54.0	-7.22	AV	27.00	100	Horizontal	Pass
6	15796.575	52.27	-0.73	74.0	-21.73	Peak	328.00	300	Horizontal	Pass
6**	15796.575	40.72	-0.73	54.0	-13.28	AV	328.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.800	40.52	-17.52	74.0	-33.48	Peak	214.00	200	Vertical	Pass
1**	1493.800	29.78	-17.52	54.0	-24.22	AV	214.00	200	Vertical	Pass
2	4261.500	48.02	-4.50	74.0	-25.98	Peak	142.00	100	Vertical	Pass
2**	4261.500	38.29	-4.50	54.0	-15.71	AV	142.00	100	Vertical	Pass
3	5665.000	97.61	-3.07	--	--	Peak	281.00	200	Vertical	N/A
3**	5665.000	89.99	-3.07	--	--	AV	281.00	200	Vertical	N/A
4	7463.250	52.74	1.04	74.0	-21.26	Peak	83.00	300	Vertical	Pass
4**	7463.250	43.96	1.04	54.0	-10.04	AV	83.00	300	Vertical	Pass
5	11338.537	50.66	-4.37	74.0	-23.34	Peak	317.00	300	Vertical	Pass
5**	11338.537	45.21	-4.37	54.0	-8.79	AV	317.00	300	Vertical	Pass
6	16160.400	52.11	-0.46	74.0	-21.89	Peak	82.00	300	Vertical	Pass
6**	16160.400	42.66	-0.46	54.0	-11.34	AV	82.00	300	Vertical	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.200	38.49	-17.34	74.0	-35.51	Peak	168.00	200	Horizontal	Pass
1**	1496.200	28.30	-17.34	54.0	-25.70	AV	168.00	200	Horizontal	Pass
2	4310.250	47.39	-4.30	74.0	-26.61	Peak	331.00	400	Horizontal	Pass
2**	4310.250	38.04	-4.30	54.0	-15.96	AV	331.00	400	Horizontal	Pass
3	5495.500	98.04	-3.05	--	--	Peak	339.00	100	Horizontal	N/A
3**	5495.500	90.23	-3.05	--	--	AV	339.00	100	Horizontal	N/A
4	7512.000	53.85	0.49	74.0	-20.15	Peak	339.00	300	Horizontal	Pass
4**	7512.000	44.04	0.49	54.0	-9.96	AV	339.00	300	Horizontal	Pass
5	10993.450	51.55	-4.81	74.0	-22.45	Peak	68.00	300	Horizontal	Pass
5**	10993.450	47.40	-4.81	54.0	-6.60	AV	68.00	300	Horizontal	Pass
6	16180.612	51.30	-0.45	74.0	-22.70	Peak	180.00	300	Horizontal	Pass
6**	16180.612	42.54	-0.45	54.0	-11.46	AV	180.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.400	40.21	-17.41	74.0	-33.79	Peak	222.00	300	Vertical	Pass
1**	1495.400	29.92	-17.41	54.0	-24.08	AV	222.00	300	Vertical	Pass
2	4142.750	47.62	-5.99	74.0	-26.38	Peak	107.00	100	Vertical	Pass
2**	4142.750	37.17	-5.99	54.0	-16.83	AV	107.00	100	Vertical	Pass
3	5498.000	98.97	-3.35	--	--	Peak	278.00	150	Vertical	N/A
3**	5498.000	91.16	-3.35	--	--	AV	278.00	150	Vertical	N/A
4	7475.750	52.41	0.68	74.0	-21.59	Peak	56.00	200	Vertical	Pass
4**	7475.750	43.20	0.68	54.0	-10.80	AV	56.00	200	Vertical	Pass
5	10998.674	52.44	-4.80	74.0	-21.56	Peak	78.00	300	Vertical	Pass
5**	10998.674	48.14	-4.80	54.0	-5.86	AV	78.00	300	Vertical	Pass
6	16168.275	51.68	-0.46	74.0	-22.32	Peak	33.00	100	Vertical	Pass
6**	16168.275	42.55	-0.46	54.0	-11.45	AV	33.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.800	37.85	-17.32	74.0	-36.15	Peak	178.00	200	Horizontal	Pass
1**	1496.800	28.78	-17.32	54.0	-25.22	AV	178.00	200	Horizontal	Pass
2	4220.500	47.72	-5.59	74.0	-26.28	Peak	17.00	400	Horizontal	Pass
2**	4220.500	37.83	-5.59	54.0	-16.17	AV	17.00	400	Horizontal	Pass
3	5582.750	99.85	-2.84	--	--	Peak	331.00	150	Horizontal	N/A
3**	5582.750	91.48	-2.84	--	--	AV	331.00	150	Horizontal	N/A
4	7509.500	52.73	0.53	74.0	-21.27	Peak	314.00	400	Horizontal	Pass
4**	7509.500	43.62	0.53	54.0	-10.38	AV	314.00	400	Horizontal	Pass
5	11161.125	52.71	-4.34	74.0	-21.29	Peak	31.00	400	Horizontal	Pass
5**	11161.125	48.53	-4.34	54.0	-5.47	AV	31.00	400	Horizontal	Pass
6	16157.513	51.70	-0.46	74.0	-22.30	Peak	168.00	200	Horizontal	Pass
6**	16157.513	42.54	-0.46	54.0	-11.46	AV	168.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.400	40.87	-17.31	74.0	-33.13	Peak	227.00	300	Vertical	Pass
1**	1500.400	28.41	-17.31	54.0	-25.59	AV	227.00	300	Vertical	Pass
2	4305.000	47.63	-4.22	74.0	-26.37	Peak	250.00	400	Vertical	Pass
2**	4305.000	38.59	-4.22	54.0	-15.41	AV	250.00	400	Vertical	Pass
3	5576.250	100.59	-2.90	--	--	Peak	275.00	150	Vertical	N/A
3**	5576.250	93.00	-2.90	--	--	AV	275.00	150	Vertical	N/A
4	7466.000	52.99	0.83	74.0	-21.01	Peak	241.00	200	Vertical	Pass
4**	7466.000	44.03	0.83	54.0	-9.97	AV	241.00	200	Vertical	Pass
5	11160.175	57.95	-4.34	74.0	-16.08	Peak	342.00	200	Vertical	Pass
5**	11160.175	50.00	-4.34	54.0	-4.00	AV	342.00	200	Vertical	Pass
6	16186.125	51.54	-0.45	74.0	-22.46	Peak	278.00	300	Vertical	Pass
6**	16186.125	42.92	-0.45	54.0	-11.08	AV	278.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.500	39.22	-17.29	74.0	-34.78	Peak	70.00	300	Horizontal	Pass
1**	1499.500	30.09	-17.29	54.0	-23.91	AV	70.00	300	Horizontal	Pass
2	4308.000	48.03	-4.20	74.0	-25.97	Peak	270.00	100	Horizontal	Pass
2**	4308.000	38.45	-4.20	54.0	-15.55	AV	270.00	100	Horizontal	Pass
3	5698.750	98.86	-2.97	--	--	Peak	321.00	200	Horizontal	N/A
3**	5698.750	91.57	-2.97	--	--	AV	321.00	200	Horizontal	N/A
4	7458.500	52.73	1.15	74.0	-21.27	Peak	126.00	400	Horizontal	Pass
4**	7458.500	44.31	1.15	54.0	-9.69	AV	126.00	400	Horizontal	Pass
5	11398.862	50.75	-4.22	74.0	-23.25	Peak	31.00	400	Horizontal	Pass
5**	11398.862	46.60	-4.22	54.0	-7.40	AV	31.00	400	Horizontal	Pass
6	16032.037	52.42	-0.12	74.0	-21.58	Peak	170.00	400	Horizontal	Pass
6**	16032.037	42.41	-0.12	54.0	-11.59	AV	170.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.000	39.29	-17.29	74.0	-34.71	Peak	204.00	100	Vertical	Pass
1**	1499.000	33.08	-17.29	54.0	-20.92	AV	204.00	100	Vertical	Pass
2	4178.250	48.25	-5.18	74.0	-25.75	Peak	322.00	300	Vertical	Pass
2**	4178.250	37.12	-5.18	54.0	-16.88	AV	322.00	300	Vertical	Pass
3	5701.750	97.93	-2.87	--	--	Peak	119.00	150	Vertical	N/A
3**	5701.750	91.79	-2.87	--	--	AV	119.00	150	Vertical	N/A
4	7458.000	52.77	1.14	74.0	-21.23	Peak	66.00	200	Vertical	Pass
4**	7458.000	43.55	1.14	54.0	-10.45	AV	66.00	200	Vertical	Pass
5	11400.526	53.84	-4.21	74.0	-20.16	Peak	272.00	200	Vertical	Pass
5**	11400.526	48.28	-4.21	54.0	-5.72	AV	272.00	200	Vertical	Pass
6	16175.887	52.84	-0.45	74.0	-21.16	Peak	117.00	400	Vertical	Pass
6**	16175.887	42.83	-0.45	54.0	-11.17	AV	117.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.500	37.55	-17.60	74.0	-36.45	Peak	30.00	400	Horizontal	Pass
1**	1596.500	28.22	-17.60	54.0	-25.78	AV	30.00	400	Horizontal	Pass
2	4279.750	47.51	-4.65	74.0	-26.49	Peak	360.00	200	Horizontal	Pass
2**	4279.750	38.21	-4.65	54.0	-15.79	AV	360.00	200	Horizontal	Pass
3	5501.750	97.55	-3.15	--	--	Peak	318.00	200	Horizontal	N/A
3**	5501.750	89.79	-3.15	--	--	AV	318.00	200	Horizontal	N/A
4	7463.250	53.39	1.04	74.0	-20.61	Peak	249.00	200	Horizontal	Pass
4**	7463.250	43.46	1.04	54.0	-10.54	AV	249.00	200	Horizontal	Pass
5	10998.912	50.74	-4.80	74.0	-22.26	Peak	51.00	200	Horizontal	Pass
5**	10998.912	47.76	-4.80	54.0	-6.24	AV	51.00	200	Horizontal	Pass
6	16175.362	50.92	-0.45	74.0	-23.08	Peak	7.00	400	Horizontal	Pass
6**	16175.362	42.69	-0.45	54.0	-11.31	AV	7.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.700	40.92	-17.29	74.0	-33.08	Peak	229.00	400	Vertical	Pass
1**	1498.700	31.36	-17.29	54.0	-22.64	AV	229.00	400	Vertical	Pass
2	4371.000	47.72	-4.20	74.0	-26.28	Peak	22.00	100	Vertical	Pass
2**	4371.000	38.47	-4.20	54.0	-15.53	AV	22.00	100	Vertical	Pass
3	5503.500	99.05	-3.29	--	--	Peak	271.00	100	Vertical	N/A
3**	5503.500	92.26	-3.29	--	--	AV	271.00	100	Vertical	N/A
4	7516.250	52.98	0.94	74.0	-21.02	Peak	116.00	400	Vertical	Pass
4**	7516.250	43.79	0.94	54.0	-10.21	AV	116.00	400	Vertical	Pass
5	10987.750	52.04	-4.82	74.0	-21.96	Peak	345.00	400	Vertical	Pass
5**	10987.750	49.61	-4.82	54.0	-4.39	AV	345.00	400	Vertical	Pass
6	16172.474	51.32	-0.45	74.0	-22.68	Peak	360.00	400	Vertical	Pass
6**	16172.474	43.08	-0.45	54.0	-10.92	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.100	38.54	-17.44	74.0	-35.46	Peak	346.00	200	Horizontal	Pass
1**	1495.100	29.18	-17.44	54.0	-24.82	AV	346.00	200	Horizontal	Pass
2	4358.500	47.46	-4.11	74.0	-26.54	Peak	21.00	400	Horizontal	Pass
2**	4358.500	40.01	-4.11	54.0	-13.99	AV	21.00	400	Horizontal	Pass
3	5599.750	98.35	-2.97	--	--	Peak	320.00	100	Horizontal	N/A
3**	5599.750	90.90	-2.97	--	--	AV	320.00	100	Horizontal	N/A
4	7458.500	52.78	1.15	74.0	-21.22	Peak	303.00	100	Horizontal	Pass
4**	7458.500	44.16	1.15	54.0	-9.84	AV	303.00	100	Horizontal	Pass
5	11181.312	54.93	-4.19	74.0	-19.04	Peak	49.00	400	Horizontal	Pass
5**	11181.312	50.42	-4.19	54.0	-3.58	AV	49.00	400	Horizontal	Pass
6	16161.188	51.73	-0.46	74.0	-22.27	Peak	204.00	400	Horizontal	Pass
6**	16161.188	43.12	-0.46	54.0	-10.88	AV	204.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.900	40.03	-17.45	74.0	-33.97	Peak	208.00	300	Vertical	Pass
1**	1492.900	28.73	-17.45	54.0	-25.27	AV	208.00	300	Vertical	Pass
2	4278.000	47.52	-4.75	74.0	-26.48	Peak	192.00	200	Vertical	Pass
2**	4278.000	38.26	-4.75	54.0	-15.74	AV	192.00	200	Vertical	Pass
3	5593.500	98.98	-3.24	--	--	Peak	278.00	150	Vertical	N/A
3**	5593.500	91.08	-3.24	--	--	AV	278.00	150	Vertical	N/A
4	7463.000	53.21	1.08	74.0	-20.79	Peak	156.00	200	Vertical	Pass
4**	7463.000	43.28	1.08	54.0	-10.72	AV	156.00	200	Vertical	Pass
5	11174.187	54.30	-4.24	74.0	-19.70	Peak	353.00	150	Vertical	Pass
5**	11174.187	50.14	-4.24	54.0	-3.86	AV	353.00	150	Vertical	Pass
6	15955.651	51.89	-0.22	74.0	-22.11	Peak	100.00	200	Vertical	Pass
6**	15955.651	42.11	-0.22	54.0	-11.89	AV	100.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1566.900	37.80	-17.58	74.0	-36.20	Peak	0.00	400	Horizontal	Pass
1**	1566.900	28.11	-17.58	54.0	-25.89	AV	0.00	400	Horizontal	Pass
2	4318.250	47.87	-4.58	74.0	-26.13	Peak	149.00	100	Horizontal	Pass
2**	4318.250	38.01	-4.58	54.0	-15.99	AV	149.00	100	Horizontal	Pass
3	5683.750	98.12	-2.94	--	--	Peak	331.00	150	Horizontal	N/A
3**	5683.750	90.41	-2.94	--	--	AV	331.00	150	Horizontal	N/A
4	7456.500	53.15	1.14	74.0	-20.85	Peak	115.00	200	Horizontal	Pass
4**	7456.500	44.50	1.14	54.0	-9.50	AV	115.00	200	Horizontal	Pass
5	11341.150	51.56	-4.40	74.0	-22.44	Peak	43.00	400	Horizontal	Pass
5**	11341.150	49.57	-4.40	54.0	-4.43	AV	43.00	400	Horizontal	Pass
6	16161.450	50.94	-0.46	74.0	-23.06	Peak	280.00	400	Horizontal	Pass
6**	16161.450	42.23	-0.46	54.0	-11.77	AV	280.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.500	40.33	-17.30	74.0	-33.67	Peak	206.00	400	Vertical	Pass
1**	1497.500	29.92	-17.30	54.0	-24.08	AV	206.00	400	Vertical	Pass
2	4310.000	47.65	-4.31	74.0	-26.35	Peak	132.00	200	Vertical	Pass
2**	4310.000	38.85	-4.31	54.0	-15.15	AV	132.00	200	Vertical	Pass
3	5665.750	98.87	-3.10	--	--	Peak	270.00	150	Vertical	N/A
3**	5665.750	89.89	-3.10	--	--	AV	270.00	150	Vertical	N/A
4	7507.000	52.63	0.16	74.0	-21.37	Peak	183.00	200	Vertical	Pass
4**	7507.000	43.35	0.16	54.0	-10.65	AV	183.00	200	Vertical	Pass
5	11336.875	50.37	-4.36	74.0	-23.63	Peak	331.00	200	Vertical	Pass
5**	11336.875	47.04	-4.36	54.0	-6.96	AV	331.00	200	Vertical	Pass
6	15699.974	50.86	0.10	74.0	-23.14	Peak	360.00	300	Vertical	Pass
6**	15699.974	41.03	0.10	54.0	-12.97	AV	360.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.800	38.07	-17.29	74.0	-35.93	Peak	105.00	100	Horizontal	Pass
1**	1497.800	28.92	-17.29	54.0	-25.08	AV	105.00	100	Horizontal	Pass
2	4290.500	47.90	-4.71	74.0	-26.10	Peak	254.00	400	Horizontal	Pass
2**	4290.500	39.03	-4.71	54.0	-14.97	AV	254.00	400	Horizontal	Pass
3	5526.250	93.95	-3.00	--	--	Peak	348.00	100	Horizontal	N/A
3**	5526.250	86.53	-3.00	--	--	AV	348.00	100	Horizontal	N/A
4	7526.000	53.12	0.75	74.0	-20.88	Peak	166.00	100	Horizontal	Pass
4**	7526.000	42.53	0.75	54.0	-11.47	AV	166.00	100	Horizontal	Pass
5	11078.713	48.34	-4.76	74.0	-25.66	Peak	353.00	100	Horizontal	Pass
5**	11078.713	45.08	-4.76	54.0	-8.92	AV	353.00	100	Horizontal	Pass
6	16045.950	51.05	-0.10	74.0	-22.95	Peak	119.00	100	Horizontal	Pass
6**	16045.950	41.79	-0.10	54.0	-12.21	AV	119.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.400	40.09	-17.41	74.0	-33.91	Peak	229.00	400	Vertical	Pass
1**	1495.400	28.94	-17.41	54.0	-25.06	AV	229.00	400	Vertical	Pass
2	4279.750	47.55	-4.65	74.0	-26.45	Peak	360.00	200	Vertical	Pass
2**	4279.750	38.17	-4.65	54.0	-15.83	AV	360.00	200	Vertical	Pass
3	5520.250	95.35	-2.94	--	--	Peak	268.00	200	Vertical	N/A
3**	5520.250	87.01	-2.94	--	--	AV	268.00	200	Vertical	N/A
4	7452.000	52.89	0.89	74.0	-21.11	Peak	163.00	200	Vertical	Pass
4**	7452.000	43.68	0.89	54.0	-10.32	AV	163.00	200	Vertical	Pass
5	11078.950	52.63	-4.76	74.0	-21.37	Peak	356.00	200	Vertical	Pass
5**	11078.950	46.368	-4.76	54.0	-7.632	AV	356.00	200	Vertical	Pass
6	16178.513	50.91	-0.45	74.0	-23.09	Peak	316.00	100	Vertical	Pass
6**	16178.513	42.30	-0.45	54.0	-11.70	AV	316.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.700	37.93	-17.39	74.0	-36.07	Peak	111.00	100	Horizontal	Pass
1**	1495.700	29.37	-17.39	54.0	-24.63	AV	111.00	100	Horizontal	Pass
2	4285.250	47.86	-4.66	74.0	-26.14	Peak	135.00	200	Horizontal	Pass
2**	4285.250	37.42	-4.66	54.0	-16.58	AV	135.00	200	Horizontal	Pass
3	5606.750	94.88	-3.07	--	--	Peak	333.00	200	Horizontal	N/A
3**	5606.750	87.35	-3.07	--	--	AV	333.00	200	Horizontal	N/A
4	7455.500	52.25	1.16	74.0	-21.75	Peak	280.00	200	Horizontal	Pass
4**	7455.500	44.64	1.16	54.0	-9.36	AV	280.00	200	Horizontal	Pass
5	11187.963	47.34	-4.14	74.0	-26.66	Peak	0.00	100	Horizontal	Pass
5**	11187.963	43.87	-4.14	54.0	-10.13	AV	0.00	100	Horizontal	Pass
6	15959.588	51.13	-0.22	74.0	-22.87	Peak	133.00	100	Horizontal	Pass
6**	15959.588	43.12	-0.22	54.0	-10.88	AV	133.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.300	39.65	-17.29	74.0	-34.35	Peak	219.00	400	Vertical	Pass
1**	1499.300	30.34	-17.29	54.0	-23.66	AV	219.00	400	Vertical	Pass
2	4231.250	47.75	-5.10	74.0	-26.25	Peak	331.00	100	Vertical	Pass
2**	4231.250	38.31	-5.10	54.0	-15.69	AV	331.00	100	Vertical	Pass
3	5587.500	95.58	-3.10	--	--	Peak	278.00	150	Vertical	N/A
3**	5587.500	86.18	-3.10	--	--	AV	278.00	150	Vertical	N/A
4	7539.750	52.41	0.50	74.0	-21.59	Peak	107.00	200	Vertical	Pass
4**	7539.750	43.67	0.50	54.0	-10.33	AV	107.00	200	Vertical	Pass
5	11234.275	48.15	-4.18	74.0	-25.85	Peak	331.00	200	Vertical	Pass
5**	11234.275	44.40	-4.18	54.0	-9.60	AV	331.00	200	Vertical	Pass
6	16175.887	51.58	-0.45	74.0	-22.42	Peak	179.00	100	Vertical	Pass
6**	16175.887	42.75	-0.45	54.0	-11.25	AV	179.00	100	Vertical	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.400	37.91	-17.33	74.0	-36.09	Peak	66.00	100	Horizontal	Pass
1**	1483.400	28.61	-17.33	54.0	-25.39	AV	66.00	100	Horizontal	Pass
2	4257.250	48.22	-4.70	74.0	-25.78	Peak	87.00	200	Horizontal	Pass
2**	4257.250	38.30	-4.70	54.0	-15.70	AV	87.00	200	Horizontal	Pass
3	5743.250	99.43	-3.02	--	--	Peak	336.00	150	Horizontal	N/A
3**	5743.250	91.99	-3.02	--	--	AV	336.00	150	Horizontal	N/A
4	7495.000	52.60	-0.37	74.0	-21.40	Peak	217.00	200	Horizontal	Pass
4**	7495.000	43.04	-0.37	54.0	-10.96	AV	217.00	200	Horizontal	Pass
5	11489.112	54.03	-4.21	74.0	-19.97	Peak	126.00	200	Horizontal	Pass
5**	11489.112	50.29	-4.21	54.0	-3.71	AV	126.00	200	Horizontal	Pass
6	16165.913	51.19	-0.46	74.0	-22.81	Peak	66.00	400	Horizontal	Pass
6**	16165.913	42.55	-0.46	54.0	-11.45	AV	66.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.500	40.99	-17.30	74.0	-33.01	Peak	229.00	300	Vertical	Pass
1**	1497.500	28.33	-17.30	54.0	-25.67	AV	229.00	300	Vertical	Pass
2	4288.500	47.31	-4.46	74.0	-26.69	Peak	38.00	300	Vertical	Pass
2**	4288.500	38.96	-4.46	54.0	-15.04	AV	38.00	300	Vertical	Pass
3	5751.750	97.74	-2.72	--	--	Peak	107.00	150	Vertical	N/A
3**	5751.750	89.14	-2.72	--	--	AV	107.00	150	Vertical	N/A
4	7512.750	52.19	0.58	74.0	-21.81	Peak	194.00	200	Vertical	Pass
4**	7512.750	43.92	0.58	54.0	-10.08	AV	194.00	200	Vertical	Pass
5	11491.963	51.29	-4.23	74.0	-22.71	Peak	317.00	200	Vertical	Pass
5**	11491.963	48.41	-4.23	54.0	-5.59	AV	317.00	200	Vertical	Pass
6	16139.138	50.64	-0.58	74.0	-23.36	Peak	0.00	200	Vertical	Pass
6**	16139.138	40.95	-0.58	54.0	-13.05	AV	0.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.200	37.94	-17.47	74.0	-36.06	Peak	149.00	300	Horizontal	Pass
1**	1493.200	29.05	-17.47	54.0	-24.95	AV	149.00	300	Horizontal	Pass
2	4310.000	47.54	-4.31	74.0	-26.46	Peak	295.00	300	Horizontal	Pass
2**	4310.000	38.41	-4.31	54.0	-15.59	AV	295.00	300	Horizontal	Pass
3	5786.250	98.99	-3.10	--	--	Peak	312.00	200	Horizontal	N/A
3**	5786.250	92.74	-3.10	--	--	AV	312.00	200	Horizontal	N/A
4	7452.750	52.65	0.98	74.0	-21.35	Peak	287.00	300	Horizontal	Pass
4**	7452.750	43.79	0.98	54.0	-10.21	AV	287.00	300	Horizontal	Pass
5	11571.287	55.52	-4.27	74.0	-18.48	Peak	34.00	300	Horizontal	Pass
5**	11571.287	49.19	-4.27	54.0	-4.81	AV	34.00	300	Horizontal	Pass
6	16038.600	50.84	-0.11	74.0	-23.16	Peak	0.00	300	Horizontal	Pass
6**	16038.600	41.56	-0.11	54.0	-12.44	AV	0.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.400	40.27	-17.41	74.0	-33.73	Peak	223.00	300	Vertical	Pass
1**	1495.400	31.02	-17.41	54.0	-22.98	AV	223.00	300	Vertical	Pass
2	4267.250	47.54	-4.61	74.0	-26.46	Peak	29.00	100	Vertical	Pass
2**	4267.250	38.44	-4.61	54.0	-15.56	AV	29.00	100	Vertical	Pass
3	5791.250	98.22	-3.32	--	--	Peak	107.00	200	Vertical	N/A
3**	5791.250	89.55	-3.32	--	--	AV	107.00	200	Vertical	N/A
4	7541.250	52.95	0.64	74.0	-21.05	Peak	167.00	400	Vertical	Pass
4**	7541.250	42.99	0.64	54.0	-11.01	AV	167.00	400	Vertical	Pass
5	11568.675	54.45	-4.29	74.0	-19.55	Peak	317.00	400	Vertical	Pass
5**	11568.675	50.41	-4.29	54.0	-3.59	AV	317.00	400	Vertical	Pass
6	16141.763	51.61	-0.55	74.0	-22.39	Peak	8.00	200	Vertical	Pass
6**	16141.763	41.59	-0.55	54.0	-12.41	AV	8.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.500	37.88	-17.70	74.0	-36.12	Peak	106.00	300	Horizontal	Pass
1**	1532.500	27.92	-17.70	54.0	-26.08	AV	106.00	300	Horizontal	Pass
2	4318.500	48.05	-4.59	74.0	-25.95	Peak	295.00	100	Horizontal	Pass
2**	4318.500	38.31	-4.59	54.0	-15.69	AV	295.00	100	Horizontal	Pass
3	5822.000	100.15	-3.02	--	--	Peak	340.00	100	Horizontal	N/A
3**	5822.000	92.32	-3.02	--	--	AV	340.00	100	Horizontal	N/A
4	7533.250	52.69	0.73	74.0	-21.31	Peak	80.00	200	Horizontal	Pass
4**	7533.250	43.00	0.73	54.0	-11.00	AV	80.00	200	Horizontal	Pass
5	11650.612	53.53	-4.47	74.0	-20.47	Peak	39.00	200	Horizontal	Pass
5**	11650.612	48.01	-4.47	54.0	-5.99	AV	39.00	200	Horizontal	Pass
6	16197.937	51.41	-0.44	74.0	-22.59	Peak	329.00	100	Horizontal	Pass
6**	16197.937	42.69	-0.44	54.0	-11.31	AV	329.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.600	39.62	-17.29	74.0	-34.38	Peak	220.00	200	Vertical	Pass
1**	1499.600	28.95	-17.29	54.0	-25.05	AV	220.00	200	Vertical	Pass
2	4309.750	47.44	-4.31	74.0	-26.56	Peak	358.00	400	Vertical	Pass
2**	4309.750	38.84	-4.31	54.0	-15.16	AV	358.00	400	Vertical	Pass
3	5826.500	99.39	-2.94	--	--	Peak	99.00	100	Vertical	N/A
3**	5826.500	91.65	-2.94	--	--	AV	99.00	100	Vertical	N/A
4	7567.000	52.70	-0.01	74.0	-21.30	Peak	358.00	200	Vertical	Pass
4**	7567.000	43.70	-0.01	54.0	-10.30	AV	358.00	200	Vertical	Pass
5	11647.287	50.75	-4.46	74.0	-23.25	Peak	316.00	200	Vertical	Pass
5**	11647.287	48.35	-4.46	54.0	-5.65	AV	316.00	200	Vertical	Pass
6	16183.238	51.44	-0.45	74.0	-22.56	Peak	227.00	100	Vertical	Pass
6**	16183.238	42.45	-0.45	54.0	-11.55	AV	227.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.600	39.05	-17.40	74.0	-34.95	Peak	62.00	300	Horizontal	Pass
1**	1495.600	28.77	-17.40	54.0	-25.23	AV	62.00	300	Horizontal	Pass
2	4314.500	47.33	-4.43	74.0	-26.67	Peak	322.00	300	Horizontal	Pass
2**	4314.500	38.61	-4.43	54.0	-15.39	AV	322.00	300	Horizontal	Pass
3	5743.250	98.90	-3.02	--	--	Peak	332.00	100	Horizontal	N/A
3**	5743.250	91.53	-3.02	--	--	AV	332.00	100	Horizontal	N/A
4	7476.250	52.57	0.53	74.0	-21.43	Peak	38.00	100	Horizontal	Pass
4**	7476.250	43.01	0.53	54.0	-10.99	AV	38.00	100	Horizontal	Pass
5	11491.250	54.03	-4.23	74.0	-19.97	Peak	39.00	100	Horizontal	Pass
5**	11491.250	51.51	-4.23	54.0	-2.49	AV	39.00	100	Horizontal	Pass
6	16107.638	50.70	-0.90	74.0	-23.30	Peak	22.00	300	Horizontal	Pass
6**	16107.638	40.64	-0.90	54.0	-13.36	AV	22.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.100	40.47	-17.28	74.0	-33.53	Peak	230.00	100	Vertical	Pass
1**	1498.100	29.36	-17.28	54.0	-24.64	AV	230.00	100	Vertical	Pass
2	4303.500	47.42	-4.29	74.0	-26.58	Peak	289.00	300	Vertical	Pass
2**	4303.500	38.68	-4.29	54.0	-15.32	AV	289.00	300	Vertical	Pass
3	5750.000	97.10	-2.80	--	--	Peak	107.00	200	Vertical	N/A
3**	5750.000	88.83	-2.80	--	--	AV	107.00	200	Vertical	N/A
4	7513.500	52.61	0.68	74.0	-21.39	Peak	73.00	400	Vertical	Pass
4**	7513.500	43.40	0.68	54.0	-10.60	AV	73.00	400	Vertical	Pass
5	11488.874	52.30	-4.21	74.0	-21.70	Peak	316.00	400	Vertical	Pass
5**	11488.874	48.89	-4.21	54.0	-5.11	AV	316.00	400	Vertical	Pass
6	16184.813	52.14	-0.45	74.0	-21.86	Peak	37.00	200	Vertical	Pass
6**	16184.813	43.95	-0.45	54.0	-10.05	AV	37.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.500	39.06	-17.29	74.0	-34.94	Peak	250.00	200	Horizontal	Pass
1**	1498.500	28.43	-17.29	54.0	-25.57	AV	250.00	200	Horizontal	Pass
2	4324.250	47.41	-4.93	74.0	-26.59	Peak	289.00	300	Horizontal	Pass
2**	4324.250	37.98	-4.93	54.0	-16.02	AV	289.00	300	Horizontal	Pass
3	5783.750	99.22	-3.19	--	--	Peak	339.00	200	Horizontal	N/A
3**	5783.750	91.26	-3.19	--	--	AV	339.00	200	Horizontal	N/A
4	7457.500	52.64	1.14	74.0	-21.36	Peak	314.00	400	Horizontal	Pass
4**	7457.500	44.03	1.14	54.0	-9.97	AV	314.00	400	Horizontal	Pass
5	11568.201	52.30	-4.29	74.0	-21.70	Peak	51.00	400	Horizontal	Pass
5**	11568.201	49.24	-4.29	54.0	-4.76	AV	51.00	400	Horizontal	Pass
6	16183.500	51.57	-0.45	74.0	-22.43	Peak	81.00	100	Horizontal	Pass
6**	16183.500	42.53	-0.45	54.0	-11.47	AV	81.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.400	37.46	-17.41	74.0	-36.54	Peak	206.00	300	Vertical	Pass
1**	1495.400	29.14	-17.41	54.0	-24.86	AV	206.00	300	Vertical	Pass
2	4309.500	48.02	-4.31	74.0	-25.98	Peak	56.00	300	Vertical	Pass
2**	4309.500	38.74	-4.31	54.0	-15.26	AV	56.00	300	Vertical	Pass
3	5787.250	97.23	-3.15	--	--	Peak	107.00	200	Vertical	N/A
3**	5787.250	89.92	-3.15	--	--	AV	107.00	200	Vertical	N/A
4	7475.750	52.91	0.68	74.0	-21.09	Peak	0.00	100	Vertical	Pass
4**	7475.750	44.46	0.68	54.0	-9.54	AV	0.00	100	Vertical	Pass
5	11565.112	54.12	-4.30	74.0	-19.88	Peak	317.00	100	Vertical	Pass
5**	11565.112	49.67	-4.30	54.0	-4.33	AV	317.00	100	Vertical	Pass
6	16166.438	51.07	-0.46	74.0	-22.93	Peak	199.00	400	Vertical	Pass
6**	16166.438	43.04	-0.46	54.0	-10.96	AV	199.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.500	38.24	-17.33	74.0	-35.76	Peak	148.00	400	Horizontal	Pass
1**	1496.500	28.94	-17.33	54.0	-25.06	AV	148.00	400	Horizontal	Pass
2	4318.500	47.97	-4.59	74.0	-26.03	Peak	348.00	200	Horizontal	Pass
2**	4318.500	39.47	-4.59	54.0	-14.53	AV	348.00	200	Horizontal	Pass
3	5823.500	100.25	-3.12	--	--	Peak	338.00	200	Horizontal	N/A
3**	5823.500	92.57	-3.12	--	--	AV	338.00	200	Horizontal	N/A
4	7508.000	52.64	0.34	74.0	-21.36	Peak	184.00	200	Horizontal	Pass
4**	7508.000	43.82	0.34	54.0	-10.18	AV	184.00	200	Horizontal	Pass
5	11645.388	51.69	-4.45	74.0	-22.31	Peak	39.00	200	Horizontal	Pass
5**	11645.388	48.51	-4.45	54.0	-5.49	AV	39.00	200	Horizontal	Pass
6	16191.375	51.57	-0.44	74.0	-22.43	Peak	201.00	400	Horizontal	Pass
6**	16191.375	42.80	-0.44	54.0	-11.20	AV	201.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.100	40.77	-17.35	74.0	-33.23	Peak	208.00	300	Vertical	Pass
1**	1496.100	30.33	-17.35	54.0	-23.67	AV	208.00	300	Vertical	Pass
2	4354.750	47.80	-4.34	74.0	-26.20	Peak	278.00	200	Vertical	Pass
2**	4354.750	38.43	-4.34	54.0	-15.57	AV	278.00	200	Vertical	Pass
3	5821.250	98.08	-2.93	--	--	Peak	99.00	150	Vertical	N/A
3**	5821.250	91.17	-2.93	--	--	AV	99.00	150	Vertical	N/A
4	7462.500	52.65	1.09	74.0	-21.35	Peak	278.00	400	Vertical	Pass
4**	7462.500	43.72	1.09	54.0	-10.28	AV	278.00	400	Vertical	Pass
5	11651.562	50.67	-4.47	74.0	-23.33	Peak	314.00	400	Vertical	Pass
5**	11651.562	47.80	-4.47	54.0	-6.20	AV	314.00	400	Vertical	Pass
6	16182.974	51.85	-0.45	74.0	-22.15	Peak	127.00	200	Vertical	Pass
6**	16182.974	42.83	-0.45	54.0	-11.17	AV	127.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.500	38.07	-17.32	74.0	-35.93	Peak	16.00	400	Horizontal	Pass
1**	1484.500	28.57	-17.32	54.0	-25.43	AV	16.00	400	Horizontal	Pass
2	4248.000	47.20	-5.31	74.0	-26.80	Peak	4.00	200	Horizontal	Pass
2**	4248.000	38.17	-5.31	54.0	-15.83	AV	4.00	200	Horizontal	Pass
3	5763.250	97.63	-2.30	--	--	Peak	329.00	100	Horizontal	N/A
3**	5763.250	89.30	-2.30	--	--	AV	329.00	100	Horizontal	N/A
4	7521.750	52.91	0.88	74.0	-21.09	Peak	4.00	200	Horizontal	Pass
4**	7521.750	43.39	0.88	54.0	-10.61	AV	4.00	200	Horizontal	Pass
5	11517.612	52.36	-4.33	74.0	-21.64	Peak	29.00	200	Horizontal	Pass
5**	11517.612	48.87	-4.33	54.0	-5.13	AV	29.00	200	Horizontal	Pass
6	16157.513	51.81	-0.46	74.0	-22.19	Peak	317.00	400	Horizontal	Pass
6**	16157.513	42.98	-0.46	54.0	-11.02	AV	317.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.400	40.99	-17.50	74.0	-33.01	Peak	227.00	300	Vertical	Pass
1**	1494.400	32.02	-17.50	54.0	-21.98	AV	227.00	300	Vertical	Pass
2	4321.750	47.59	-4.75	74.0	-26.41	Peak	21.00	300	Vertical	Pass
2**	4321.750	39.54	-4.75	54.0	-14.46	AV	21.00	300	Vertical	Pass
3	5759.500	96.63	-2.36	--	--	Peak	107.00	150	Vertical	N/A
3**	5759.500	88.97	-2.36	--	--	AV	107.00	150	Vertical	N/A
4	7454.750	52.63	1.18	74.0	-21.37	Peak	272.00	100	Vertical	Pass
4**	7454.750	44.26	1.18	54.0	-9.74	AV	272.00	100	Vertical	Pass
5	11508.825	52.57	-4.31	74.0	-21.43	Peak	327.00	100	Vertical	Pass
5**	11508.825	48.34	-4.31	54.0	-5.66	AV	327.00	100	Vertical	Pass
6	15710.737	51.48	-0.12	74.0	-22.52	Peak	331.00	200	Vertical	Pass
6**	15710.737	42.21	-0.12	54.0	-11.79	AV	331.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.200	37.46	-17.36	74.0	-36.54	Peak	269.00	400	Horizontal	Pass
1**	1458.200	27.80	-17.36	54.0	-26.20	AV	269.00	400	Horizontal	Pass
2	4300.000	47.87	-4.65	74.0	-26.13	Peak	80.00	400	Horizontal	Pass
2**	4300.000	38.19	-4.65	54.0	-15.81	AV	80.00	400	Horizontal	Pass
3	5792.000	98.12	-3.29	--	--	Peak	339.00	100	Horizontal	N/A
3**	5792.000	89.98	-3.29	--	--	AV	339.00	100	Horizontal	N/A
4	7457.500	53.03	1.14	74.0	-20.97	Peak	314.00	400	Horizontal	Pass
4**	7457.500	44.29	1.14	54.0	-9.71	AV	314.00	400	Horizontal	Pass
5	11577.700	51.16	-4.24	74.0	-22.84	Peak	25.00	400	Horizontal	Pass
5**	11577.700	49.80	-4.24	54.0	-4.20	AV	25.00	400	Horizontal	Pass
6	16177.463	51.63	-0.45	74.0	-22.37	Peak	53.00	100	Horizontal	Pass
6**	16177.463	43.71	-0.45	54.0	-10.29	AV	53.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.100	40.23	-17.29	74.0	-33.77	Peak	211.00	300	Vertical	Pass
1**	1499.100	31.99	-17.29	54.0	-22.01	AV	211.00	300	Vertical	Pass
2	4366.000	47.38	-4.15	74.0	-26.62	Peak	141.00	200	Vertical	Pass
2**	4366.000	38.41	-4.15	54.0	-15.59	AV	141.00	200	Vertical	Pass
3	5806.250	97.57	-3.13	--	--	Peak	106.00	100	Vertical	N/A
3**	5806.250	88.95	-3.13	--	--	AV	106.00	100	Vertical	N/A
4	7535.500	52.52	0.77	74.0	-21.48	Peak	175.00	100	Vertical	Pass
4**	7535.500	43.48	0.77	54.0	-10.52	AV	175.00	100	Vertical	Pass
5	11602.875	52.99	-4.15	74.0	-21.01	Peak	316.00	100	Vertical	Pass
5**	11602.875	48.54	-4.15	54.0	-5.46	AV	316.00	100	Vertical	Pass
6	16168.537	52.48	-0.46	74.0	-21.52	Peak	301.00	300	Vertical	Pass
6**	16168.537	42.11	-0.46	54.0	-11.89	AV	301.00	300	Vertical	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1460.700	37.90	-17.69	74.0	-36.10	Peak	127.00	400	Horizontal	Pass
1**	1460.700	27.50	-17.69	54.0	-26.50	AV	127.00	400	Horizontal	Pass
2	4314.000	47.80	-4.37	74.0	-26.20	Peak	360.00	400	Horizontal	Pass
2**	4314.000	38.19	-4.37	54.0	-15.81	AV	360.00	400	Horizontal	Pass
3	5746.000	99.35	-2.84	--	--	Peak	332.00	200	Horizontal	N/A
3**	5746.000	91.60	-2.84	--	--	AV	332.00	200	Horizontal	N/A
4	7510.250	52.66	0.54	74.0	-21.34	Peak	256.00	100	Horizontal	Pass
4**	7510.250	43.14	0.54	54.0	-10.86	AV	256.00	100	Horizontal	Pass
5	11491.724	54.58	-4.23	74.0	-19.42	Peak	27.00	100	Horizontal	Pass
5**	11491.724	49.14	-4.23	54.0	-4.86	AV	27.00	100	Horizontal	Pass
6	16168.013	51.36	-0.46	74.0	-22.64	Peak	39.00	200	Horizontal	Pass
6**	16168.013	42.02	-0.46	54.0	-11.98	AV	39.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.200	38.44	-17.51	74.0	-35.56	Peak	230.00	200	Vertical	Pass
1**	1494.200	29.52	-17.51	54.0	-24.48	AV	230.00	200	Vertical	Pass
2	4379.000	47.71	-3.96	74.0	-26.29	Peak	206.00	100	Vertical	Pass
2**	4379.000	39.13	-3.96	54.0	-14.87	AV	206.00	100	Vertical	Pass
3	5743.750	97.39	-2.99	--	--	Peak	109.00	200	Vertical	N/A
3**	5743.750	89.38	-2.99	--	--	AV	109.00	200	Vertical	N/A
4	7511.750	52.89	0.48	74.0	-21.11	Peak	258.00	400	Vertical	Pass
4**	7511.750	43.24	0.48	54.0	-10.76	AV	258.00	400	Vertical	Pass
5	11489.112	51.80	-4.21	74.0	-22.20	Peak	255.00	400	Vertical	Pass
5**	11489.112	50.59	-4.21	54.0	-3.41	AV	255.00	400	Vertical	Pass
6	16170.112	52.25	-0.46	74.0	-21.75	Peak	358.00	100	Vertical	Pass
6**	16170.112	42.74	-0.46	54.0	-11.26	AV	358.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.200	38.08	-17.43	74.0	-35.92	Peak	189.00	400	Horizontal	Pass
1**	1495.200	28.16	-17.43	54.0	-25.84	AV	189.00	400	Horizontal	Pass
2	4320.000	47.71	-4.60	74.0	-26.29	Peak	82.00	300	Horizontal	Pass
2**	4320.000	38.57	-4.60	54.0	-15.43	AV	82.00	300	Horizontal	Pass
3	5783.500	99.68	-3.18	--	--	Peak	332.00	200	Horizontal	N/A
3**	5783.500	91.57	-3.18	--	--	AV	332.00	200	Horizontal	N/A
4	7511.750	52.98	0.48	74.0	-21.02	Peak	29.00	300	Horizontal	Pass
4**	7511.750	44.53	0.48	54.0	-9.47	AV	29.00	300	Horizontal	Pass
5	11564.162	54.56	-4.31	74.0	-19.44	Peak	29.00	300	Horizontal	Pass
5**	11564.162	49.39	-4.31	54.0	-4.61	AV	29.00	300	Horizontal	Pass
6	15963.787	51.10	-0.21	74.0	-22.90	Peak	66.00	100	Horizontal	Pass
6**	15963.787	40.76	-0.21	54.0	-13.24	AV	66.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.200	39.76	-17.51	74.0	-34.24	Peak	221.00	200	Vertical	Pass
1**	1494.200	28.69	-17.51	54.0	-25.31	AV	221.00	200	Vertical	Pass
2	4368.500	47.22	-4.18	74.0	-26.78	Peak	105.00	100	Vertical	Pass
2**	4368.500	39.13	-4.18	54.0	-14.87	AV	105.00	100	Vertical	Pass
3	5788.250	97.66	-3.22	--	--	Peak	97.00	150	Vertical	N/A
3**	5788.250	90.40	-3.22	--	--	AV	97.00	150	Vertical	N/A
4	7460.750	52.78	1.14	74.0	-21.22	Peak	173.00	200	Vertical	Pass
4**	7460.750	44.08	1.14	54.0	-9.92	AV	173.00	200	Vertical	Pass
5	11568.912	52.79	-4.29	74.0	-21.21	Peak	256.00	200	Vertical	Pass
5**	11568.912	48.87	-4.29	54.0	-5.13	AV	256.00	200	Vertical	Pass
6	16055.925	51.31	-0.20	74.0	-22.69	Peak	68.00	200	Vertical	Pass
6**	16055.925	42.34	-0.20	54.0	-11.66	AV	68.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.300	39.38	-17.42	74.0	-34.62	Peak	65.00	400	Horizontal	Pass
1**	1495.300	29.50	-17.42	54.0	-24.50	AV	65.00	400	Horizontal	Pass
2	4246.500	47.57	-5.09	74.0	-26.43	Peak	12.00	100	Horizontal	Pass
2**	4246.500	38.27	-5.09	54.0	-15.73	AV	12.00	100	Horizontal	Pass
3	5822.250	100.07	-3.06	--	--	Peak	337.00	200	Horizontal	N/A
3**	5822.250	91.88	-3.06	--	--	AV	337.00	200	Horizontal	N/A
4	7709.250	52.76	1.40	74.0	-21.24	Peak	149.00	300	Horizontal	Pass
4**	7709.250	43.09	1.40	54.0	-10.91	AV	149.00	300	Horizontal	Pass
5	11650.612	51.48	-4.47	74.0	-22.52	Peak	27.00	200	Horizontal	Pass
5**	11650.612	47.91	-4.47	54.0	-6.09	AV	27.00	200	Horizontal	Pass
6	16175.100	52.12	-0.45	74.0	-21.88	Peak	275.00	100	Horizontal	Pass
6**	16175.100	43.15	-0.45	54.0	-10.85	AV	275.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.100	39.60	-17.52	74.0	-34.40	Peak	223.00	100	Vertical	Pass
1**	1494.100	28.07	-17.52	54.0	-25.93	AV	223.00	100	Vertical	Pass
2	4287.000	47.88	-4.53	74.0	-26.12	Peak	150.00	400	Vertical	Pass
2**	4287.000	38.65	-4.53	54.0	-15.35	AV	150.00	400	Vertical	Pass
3	5824.000	98.19	-3.13	--	--	Peak	107.00	100	Vertical	N/A
3**	5824.000	91.26	-3.13	--	--	AV	107.00	100	Vertical	N/A
4	7458.250	52.83	1.14	74.0	-21.17	Peak	0.00	200	Vertical	Pass
4**	7458.250	44.10	1.14	54.0	-9.90	AV	0.00	200	Vertical	Pass
5	11645.625	50.62	-4.45	74.0	-23.38	Peak	253.00	200	Vertical	Pass
5**	11645.625	46.98	-4.45	54.0	-7.02	AV	253.00	200	Vertical	Pass
6	16161.713	51.15	-0.46	74.0	-22.85	Peak	38.00	200	Vertical	Pass
6**	16161.713	41.33	-0.46	54.0	-12.67	AV	38.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	37.95	-17.30	74.0	-36.05	Peak	215.00	100	Horizontal	Pass
1**	1500.000	27.96	-17.30	54.0	-26.04	AV	215.00	100	Horizontal	Pass
2	4353.000	47.34	-4.44	74.0	-26.66	Peak	297.00	400	Horizontal	Pass
2**	4353.000	37.32	-4.44	54.0	-16.68	AV	297.00	400	Horizontal	Pass
3	5752.000	98.55	-2.72	--	--	Peak	332.00	200	Horizontal	N/A
3**	5752.000	89.92	-2.72	--	--	AV	332.00	200	Horizontal	N/A
4	7467.250	52.67	0.91	74.0	-21.33	Peak	168.00	100	Horizontal	Pass
4**	7467.250	42.93	0.91	54.0	-11.07	AV	168.00	100	Horizontal	Pass
5	11509.063	53.09	-4.32	74.0	-20.91	Peak	37.00	100	Horizontal	Pass
5**	11509.063	51.27	-4.32	54.0	-2.73	AV	37.00	100	Horizontal	Pass
6	16194.000	52.31	-0.44	74.0	-21.69	Peak	300.00	300	Horizontal	Pass
6**	16194.000	43.05	-0.44	54.0	-10.95	AV	300.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.900	40.40	-17.32	74.0	-33.60	Peak	225.00	200	Vertical	Pass
1**	1496.900	30.64	-17.32	54.0	-23.36	AV	225.00	200	Vertical	Pass
2	4318.750	47.51	-4.59	74.0	-26.49	Peak	14.00	200	Vertical	Pass
2**	4318.750	38.56	-4.59	54.0	-15.44	AV	14.00	200	Vertical	Pass
3	5752.250	96.23	-2.71	--	--	Peak	109.00	150	Vertical	N/A
3**	5752.250	88.91	-2.71	--	--	AV	109.00	150	Vertical	N/A
4	7457.250	53.21	1.14	74.0	-20.79	Peak	290.00	100	Vertical	Pass
4**	7457.250	43.19	1.14	54.0	-10.81	AV	290.00	100	Vertical	Pass
5	11508.112	54.92	-4.31	74.0	-19.08	Peak	329.00	100	Vertical	Pass
5**	11508.112	48.30	-4.31	54.0	-5.70	AV	329.00	100	Vertical	Pass
6	16173.263	51.12	-0.45	74.0	-22.88	Peak	0.00	400	Vertical	Pass
6**	16173.263	42.48	-0.45	54.0	-11.52	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.800	38.42	-17.52	74.0	-35.58	Peak	254.00	400	Horizontal	Pass
1**	1493.800	28.86	-17.52	54.0	-25.14	AV	254.00	400	Horizontal	Pass
2	4379.000	47.33	-3.96	74.0	-26.67	Peak	232.00	200	Horizontal	Pass
2**	4379.000	38.28	-3.96	54.0	-15.72	AV	232.00	200	Horizontal	Pass
3	5796.500	98.04	-3.30	--	--	Peak	336.00	100	Horizontal	N/A
3**	5796.500	90.29	-3.30	--	--	AV	336.00	100	Horizontal	N/A
4	7456.000	52.66	1.15	74.0	-21.34	Peak	249.00	400	Horizontal	Pass
4**	7456.000	44.26	1.15	54.0	-9.74	AV	249.00	400	Horizontal	Pass
5	11591.474	51.89	-4.17	74.0	-22.11	Peak	37.00	100	Horizontal	Pass
5**	11591.474	50.09	-4.17	54.0	-3.91	AV	37.00	100	Horizontal	Pass
6	16179.037	51.88	-0.45	74.0	-22.12	Peak	125.00	100	Horizontal	Pass
6**	16179.037	41.85	-0.45	54.0	-12.15	AV	125.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.200	37.27	-17.37	74.0	-36.73	Peak	0.00	100	Vertical	Pass
1**	1444.200	27.84	-17.37	54.0	-26.16	AV	0.00	100	Vertical	Pass
2	4258.500	48.27	-4.57	74.0	-25.73	Peak	29.00	100	Vertical	Pass
2**	4258.500	38.28	-4.57	54.0	-15.72	AV	29.00	100	Vertical	Pass
3	5791.500	96.95	-3.31	--	--	Peak	100.00	150	Vertical	N/A
3**	5791.500	90.00	-3.31	--	--	AV	100.00	150	Vertical	N/A
4	7499.750	52.70	-0.51	74.0	-21.30	Peak	29.00	100	Vertical	Pass
4**	7499.750	43.89	-0.51	54.0	-10.11	AV	29.00	100	Vertical	Pass
5	11577.463	52.20	-4.24	74.0	-21.80	Peak	317.00	100	Vertical	Pass
5**	11577.463	47.80	-4.24	54.0	-6.20	AV	317.00	100	Vertical	Pass
6	16161.188	51.47	-0.46	74.0	-22.53	Peak	125.00	300	Vertical	Pass
6**	16161.188	42.59	-0.46	54.0	-11.41	AV	125.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.700	38.23	-17.31	74.0	-35.77	Peak	288.00	400	Horizontal	Pass
1**	1443.700	28.46	-17.31	54.0	-25.54	AV	288.00	400	Horizontal	Pass
2	4362.000	47.76	-4.24	74.0	-26.24	Peak	360.00	200	Horizontal	Pass
2**	4362.000	38.38	-4.24	54.0	-15.62	AV	360.00	200	Horizontal	Pass
3	5763.750	94.72	-2.33	--	--	Peak	332.00	150	Horizontal	N/A
3**	5763.750	86.06	-2.33	--	--	AV	332.00	150	Horizontal	N/A
4	7444.250	53.02	0.43	74.0	-20.98	Peak	254.00	200	Horizontal	Pass
4**	7444.250	43.01	0.43	54.0	-10.99	AV	254.00	200	Horizontal	Pass
5	11571.763	49.39	-4.27	74.0	-24.61	Peak	35.00	150	Horizontal	Pass
5**	11571.763	47.18	-4.27	54.0	-6.82	AV	35.00	150	Horizontal	Pass
6	16058.550	51.12	-0.25	74.0	-22.88	Peak	305.00	200	Horizontal	Pass
6**	16058.550	41.65	-0.25	54.0	-12.35	AV	305.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.800	39.60	-17.29	74.0	-34.40	Peak	225.00	300	Vertical	Pass
1**	1498.800	27.72	-17.29	54.0	-26.28	AV	225.00	300	Vertical	Pass
2	4306.500	48.15	-4.17	74.0	-25.85	Peak	360.00	200	Vertical	Pass
2**	4306.500	38.75	-4.17	54.0	-15.25	AV	360.00	200	Vertical	Pass
3	5769.000	94.05	-2.20	--	--	Peak	99.00	150	Vertical	N/A
3**	5769.000	86.24	-2.20	--	--	AV	99.00	150	Vertical	N/A
4	7567.750	52.47	-0.03	74.0	-21.53	Peak	0.00	100	Vertical	Pass
4**	7567.750	43.33	-0.03	54.0	-10.67	AV	0.00	100	Vertical	Pass
5	11571.287	49.63	-4.27	74.0	-24.37	Peak	256.00	100	Vertical	Pass
5**	11571.287	47.43	-4.27	54.0	-6.57	AV	256.00	100	Vertical	Pass
6	16167.224	51.67	-0.46	74.0	-22.33	Peak	141.00	200	Vertical	Pass
6**	16167.224	42.92	-0.46	54.0	-11.08	AV	141.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.200	38.53	-17.43	74.0	-35.47	Peak	111.00	200	Horizontal	Pass
1**	1495.200	28.70	-17.43	54.0	-25.30	AV	111.00	200	Horizontal	Pass
2	4230.750	46.89	-5.12	74.0	-27.11	Peak	39.00	100	Horizontal	Pass
2**	4230.750	38.25	-5.12	54.0	-15.75	AV	39.00	100	Horizontal	Pass
3	5719.250	99.72	-2.68	--	--	Peak	332.00	100	Horizontal	N/A
3**	5719.250	93.12	-2.68	--	--	AV	332.00	100	Horizontal	N/A
4	7464.000	52.57	0.94	74.0	-21.43	Peak	12.00	100	Horizontal	Pass
4**	7464.000	44.29	0.94	54.0	-9.71	AV	12.00	100	Horizontal	Pass
5	11433.775	51.51	-3.98	74.0	-22.49	Peak	35.00	100	Horizontal	Pass
5**	11433.775	48.21	-3.98	54.0	-5.79	AV	35.00	100	Horizontal	Pass
6	16166.963	51.52	-0.46	74.0	-22.48	Peak	8.00	400	Horizontal	Pass
6**	16166.963	42.98	-0.46	54.0	-11.02	AV	8.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.300	39.41	-17.42	74.0	-34.59	Peak	226.00	300	Vertical	Pass
1**	1495.300	31.24	-17.42	54.0	-22.76	AV	226.00	300	Vertical	Pass
2	4306.250	47.57	-4.18	74.0	-26.43	Peak	105.00	200	Vertical	Pass
2**	4306.250	38.54	-4.18	54.0	-15.46	AV	105.00	200	Vertical	Pass
3	5720.750	98.60	-2.76	--	--	Peak	105.00	150	Vertical	N/A
3**	5720.750	90.85	-2.76	--	--	AV	105.00	150	Vertical	N/A
4	7509.000	52.46	0.47	74.0	-21.54	Peak	12.00	200	Vertical	Pass
4**	7509.000	44.06	0.47	54.0	-9.94	AV	12.00	200	Vertical	Pass
5	11442.326	49.53	-3.92	74.0	-24.47	Peak	317.00	200	Vertical	Pass
5**	11442.326	46.53	-3.92	54.0	-7.47	AV	317.00	200	Vertical	Pass
6	15702.862	51.30	0.04	74.0	-22.70	Peak	0.00	400	Vertical	Pass
6**	15702.862	41.87	0.04	54.0	-12.13	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.000	37.79	-17.31	74.0	-36.21	Peak	62.00	300	Horizontal	Pass
1**	1497.000	28.74	-17.31	54.0	-25.26	AV	62.00	300	Horizontal	Pass
2	4369.250	47.79	-4.21	74.0	-26.21	Peak	360.00	400	Horizontal	Pass
2**	4369.250	38.18	-4.21	54.0	-15.82	AV	360.00	400	Horizontal	Pass
3	5721.000	98.95	-2.79	--	--	Peak	332.00	200	Horizontal	N/A
3**	5721.000	90.80	-2.79	--	--	AV	332.00	200	Horizontal	N/A
4	7494.750	52.42	-0.36	74.0	-21.58	Peak	73.00	400	Horizontal	Pass
4**	7494.750	43.00	-0.36	54.0	-11.00	AV	73.00	400	Horizontal	Pass
5	11441.613	52.06	-3.93	74.0	-21.94	Peak	35.00	400	Horizontal	Pass
5**	11441.613	47.73	-3.93	54.0	-6.27	AV	35.00	400	Horizontal	Pass
6	16124.438	50.74	-0.73	74.0	-23.26	Peak	0.00	300	Horizontal	Pass
6**	16124.438	40.07	-0.73	54.0	-13.93	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.100	38.79	-17.44	74.0	-35.21	Peak	212.00	300	Vertical	Pass
1**	1495.100	27.75	-17.44	54.0	-26.25	AV	212.00	300	Vertical	Pass
2	4249.750	47.53	-5.04	74.0	-26.47	Peak	166.00	300	Vertical	Pass
2**	4249.750	37.95	-5.04	54.0	-16.05	AV	166.00	300	Vertical	Pass
3	5721.000	97.84	-2.79	--	--	Peak	99.00	100	Vertical	N/A
3**	5721.000	89.03	-2.79	--	--	AV	99.00	100	Vertical	N/A
4	7455.000	52.13	1.17	74.0	-21.87	Peak	354.00	400	Vertical	Pass
4**	7455.000	43.96	1.17	54.0	-10.04	AV	354.00	400	Vertical	Pass
5	11441.613	50.70	-3.93	74.0	-23.30	Peak	256.00	400	Vertical	Pass
5**	11441.613	45.68	-3.93	54.0	-8.32	AV	256.00	400	Vertical	Pass
6	16058.812	50.99	-0.25	74.0	-23.01	Peak	33.00	100	Vertical	Pass
6**	16058.812	41.90	-0.25	54.0	-12.10	AV	33.00	100	Vertical	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.600	38.36	-17.48	74.0	-35.64	Peak	65.00	400	Horizontal	Pass
1**	1494.600	28.21	-17.48	54.0	-25.79	AV	65.00	400	Horizontal	Pass
2	4211.250	47.54	-5.55	74.0	-26.46	Peak	317.00	300	Horizontal	Pass
2**	4211.250	38.13	-5.55	54.0	-15.87	AV	317.00	300	Horizontal	Pass
3	5714.250	98.20	-2.73	--	--	Peak	334.00	150	Horizontal	N/A
3**	5714.250	89.62	-2.73	--	--	AV	334.00	150	Horizontal	N/A
4	7511.500	52.58	0.49	74.0	-21.42	Peak	110.00	300	Horizontal	Pass
4**	7511.500	44.44	0.49	54.0	-9.56	AV	110.00	300	Horizontal	Pass
5	11421.425	53.22	-4.07	74.0	-20.78	Peak	25.00	300	Horizontal	Pass
5**	11421.425	48.16	-4.07	54.0	--5.84	AV	25.00	300	Horizontal	Pass
6	15699.974	50.57	0.10	74.0	-23.43	Peak	9.00	100	Horizontal	Pass
6**	15699.974	40.26	0.10	54.0	-13.74	AV	9.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.300	40.90	-17.34	74.0	-33.10	Peak	220.00	200	Vertical	Pass
1**	1496.300	30.80	-17.34	54.0	-23.20	AV	220.00	200	Vertical	Pass
2	4386.500	47.27	-4.04	74.0	-26.73	Peak	238.00	300	Vertical	Pass
2**	4386.500	38.46	-4.04	54.0	-15.54	AV	238.00	300	Vertical	Pass
3	5712.250	96.89	-2.74	--	--	Peak	126.00	200	Vertical	N/A
3**	5712.250	90.06	-2.74	--	--	AV	126.00	200	Vertical	N/A
4	7460.500	52.64	1.14	74.0	-21.36	Peak	238.00	300	Vertical	Pass
4**	7460.500	43.42	1.14	54.0	-10.58	AV	238.00	300	Vertical	Pass
5	11416.200	52.20	-4.10	74.0	-21.80	Peak	256.00	300	Vertical	Pass
5**	11416.200	46.08	-4.10	54.0	-7.92	AV	256.00	300	Vertical	Pass
6	16035.974	51.35	-0.11	74.0	-22.65	Peak	0.00	200	Vertical	Pass
6**	16035.974	41.30	-0.11	54.0	-12.70	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.000	38.53	-17.32	74.0	-35.47	Peak	301.00	300	Horizontal	Pass
1**	1484.000	28.60	-17.32	54.0	-25.40	AV	301.00	300	Horizontal	Pass
2	4260.000	47.54	-4.48	74.0	-26.46	Peak	319.00	300	Horizontal	Pass
2**	4260.000	39.43	-4.48	54.0	-14.57	AV	319.00	300	Horizontal	Pass
3	5718.500	98.72	-2.65	--	--	Peak	346.00	100	Horizontal	N/A
3**	5718.500	92.60	-2.65	--	--	AV	346.00	100	Horizontal	N/A
4	7566.250	52.91	-0.12	74.0	-21.09	Peak	178.00	100	Horizontal	Pass
4**	7566.250	43.42	-0.12	54.0	-10.58	AV	178.00	100	Horizontal	Pass
5	11438.763	51.69	-3.95	74.0	-22.31	Peak	47.00	100	Horizontal	Pass
5**	11438.763	48.61	-3.95	54.0	-5.39	AV	47.00	100	Horizontal	Pass
6	16191.112	51.62	-0.44	74.0	-22.38	Peak	199.00	100	Horizontal	Pass
6**	16191.112	43.29	-0.44	54.0	-10.71	AV	199.00	100	Horizontal	Pass

## 11a20, U-NII-2C&amp;U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.600	40.31	-17.48	74.0	-33.69	Peak	196.00	300	Vertical	Pass
1**	1494.600	31.82	-17.48	54.0	-22.18	AV	196.00	300	Vertical	Pass
2	4258.250	48.08	-4.60	74.0	-25.92	Peak	360.00	300	Vertical	Pass
2**	4258.250	38.11	-4.60	54.0	-15.89	AV	360.00	300	Vertical	Pass
3	5717.250	98.26	-2.70	--	--	Peak	89.00	100	Vertical	N/A
3**	5717.250	91.02	-2.70	--	--	AV	89.00	100	Vertical	N/A
4	7456.000	53.09	1.15	74.0	-20.91	Peak	174.00	300	Vertical	Pass
4**	7456.000	44.76	1.15	54.0	-9.24	AV	174.00	300	Vertical	Pass
5	11445.175	52.70	-3.90	74.0	-21.30	Peak	246.00	300	Vertical	Pass
5**	11445.175	49.03	-3.90	54.0	-4.97	AV	246.00	300	Vertical	Pass
6	16042.276	50.49	-0.11	74.0	-23.51	Peak	0.00	300	Vertical	Pass
6**	16042.276	40.35	-0.11	54.0	-13.65	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1445.200	37.51	-17.47	74.0	-36.49	Peak	70.00	100	Horizontal	Pass
1**	1445.200	28.82	-17.47	54.0	-25.18	AV	70.00	100	Horizontal	Pass
2	4373.500	48.27	-4.24	74.0	-25.73	Peak	326.00	200	Horizontal	Pass
2**	4373.500	38.21	-4.24	54.0	-15.79	AV	326.00	200	Horizontal	Pass
3	5721.250	98.27	-2.82	--	--	Peak	335.00	150	Horizontal	N/A
3**	5721.250	89.59	-2.82	--	--	AV	335.00	150	Horizontal	N/A
4	7459.500	53.46	1.14	74.0	-20.54	Peak	118.00	300	Horizontal	Pass
4**	7459.500	44.84	1.14	54.0	-9.16	AV	118.00	300	Horizontal	Pass
5	11432.350	54.30	-3.99	74.0	-19.70	Peak	83.00	300	Horizontal	Pass
5**	11432.350	51.18	-3.99	54.0	-2.82	AV	83.00	300	Horizontal	Pass
6	16179.299	50.90	-0.45	74.0	-23.10	Peak	243.00	300	Horizontal	Pass
6**	16179.299	42.60	-0.45	54.0	-11.40	AV	243.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.400	40.48	-17.50	74.0	-33.52	Peak	220.00	300	Vertical	Pass
1**	1494.400	29.24	-17.50	54.0	-24.76	AV	220.00	300	Vertical	Pass
2	4300.250	47.98	-4.62	74.0	-26.02	Peak	46.00	400	Vertical	Pass
2**	4300.250	38.15	-4.62	54.0	-15.85	AV	46.00	400	Vertical	Pass
3	5713.250	97.23	-2.73	--	--	Peak	89.00	100	Vertical	N/A
3**	5713.250	89.79	-2.73	--	--	AV	89.00	100	Vertical	N/A
4	7452.750	53.15	0.98	74.0	-20.85	Peak	277.00	300	Vertical	Pass
4**	7452.750	43.97	0.98	54.0	-10.03	AV	277.00	300	Vertical	Pass
5	11416.200	53.06	-4.10	74.0	-20.94	Peak	246.00	300	Vertical	Pass
5**	11416.200	50.25	-4.10	54.0	-3.75	AV	246.00	300	Vertical	Pass
6	16181.925	51.93	-0.45	74.0	-22.07	Peak	329.00	400	Vertical	Pass
6**	16181.925	43.22	-0.45	54.0	-10.78	AV	329.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.800	38.07	-17.26	74.0	-35.93	Peak	103.00	100	Horizontal	Pass
1**	1441.800	28.79	-17.26	54.0	-25.21	AV	103.00	100	Horizontal	Pass
2	4390.250	47.91	-4.30	74.0	-26.09	Peak	65.00	100	Horizontal	Pass
2**	4390.250	38.24	-4.30	54.0	-15.76	AV	65.00	100	Horizontal	Pass
3	5686.500	95.58	-3.00	--	--	Peak	341.00	150	Horizontal	N/A
3**	5686.500	87.30	-3.00	--	--	AV	341.00	150	Horizontal	N/A
4	7462.250	53.21	1.10	74.0	-20.79	Peak	213.00	200	Horizontal	Pass
4**	7462.250	43.68	1.10	54.0	-10.32	AV	213.00	200	Horizontal	Pass
5	11401.713	48.87	-4.20	74.0	-25.13	Peak	64.00	100	Horizontal	Pass
5**	11401.713	48.21	-4.20	54.0	-5.79	AV	64.00	100	Horizontal	Pass
6	16166.438	51.39	-0.46	74.0	-22.61	Peak	235.00	100	Horizontal	Pass
6**	16166.438	42.15	-0.46	54.0	-11.85	AV	235.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.100	41.45	-17.44	74.0	-32.55	Peak	215.00	100	Vertical	Pass
1**	1495.100	32.44	-17.44	54.0	-21.56	AV	215.00	100	Vertical	Pass
2	4383.750	47.89	-3.94	74.0	-26.11	Peak	226.00	200	Vertical	Pass
2**	4383.750	39.05	-3.94	54.0	-14.95	AV	226.00	200	Vertical	Pass
3	5688.500	94.41	-3.00	--	--	Peak	268.00	100	Vertical	N/A
3**	5688.500	86.31	-3.00	--	--	AV	268.00	100	Vertical	N/A
4	7457.000	52.46	1.14	74.0	-21.54	Peak	114.00	400	Vertical	Pass
4**	7457.000	44.34	1.14	54.0	-9.66	AV	114.00	400	Vertical	Pass
5	11401.475	52.27	-4.20	74.0	-21.73	Peak	256.00	100	Vertical	Pass
5**	11401.475	47.86	-4.20	54.0	-6.14	AV	256.00	100	Vertical	Pass
6	16196.888	51.54	-0.44	74.0	-22.46	Peak	91.00	400	Vertical	Pass
6**	16196.888	43.10	-0.44	54.0	-10.90	AV	91.00	400	Vertical	Pass

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

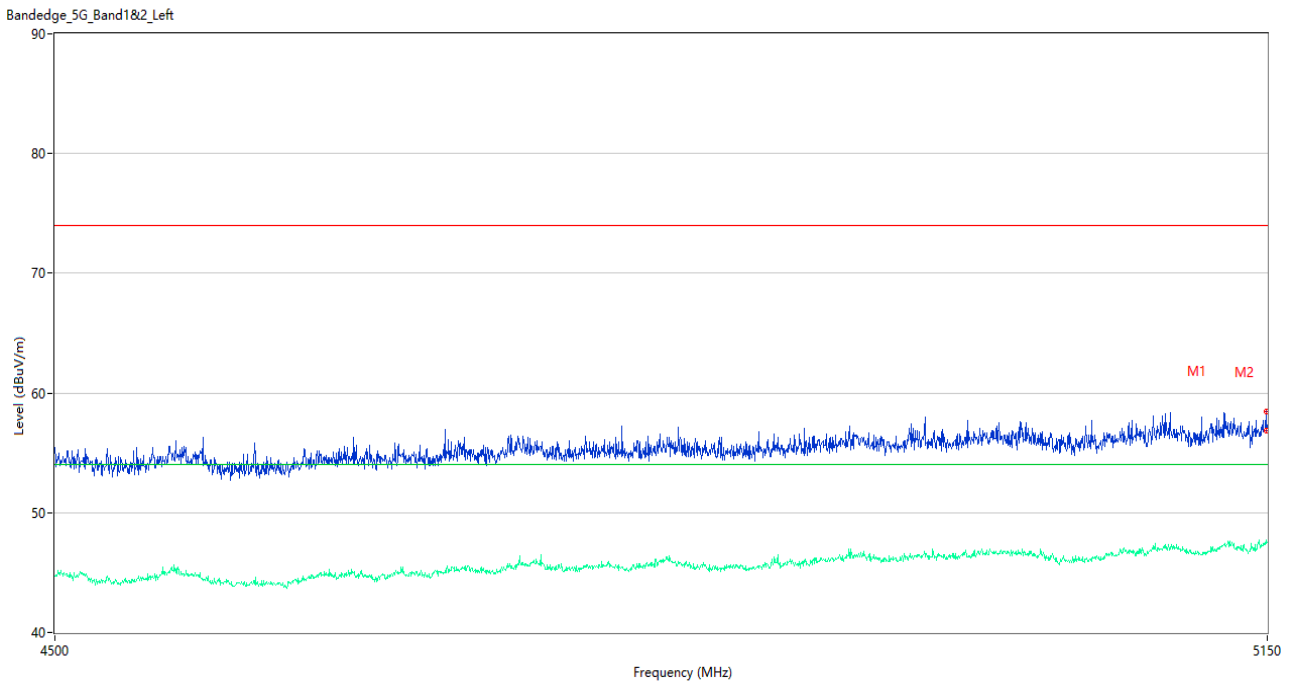
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
802.11ac(VHT80)	Middle	Pass	
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low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

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

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

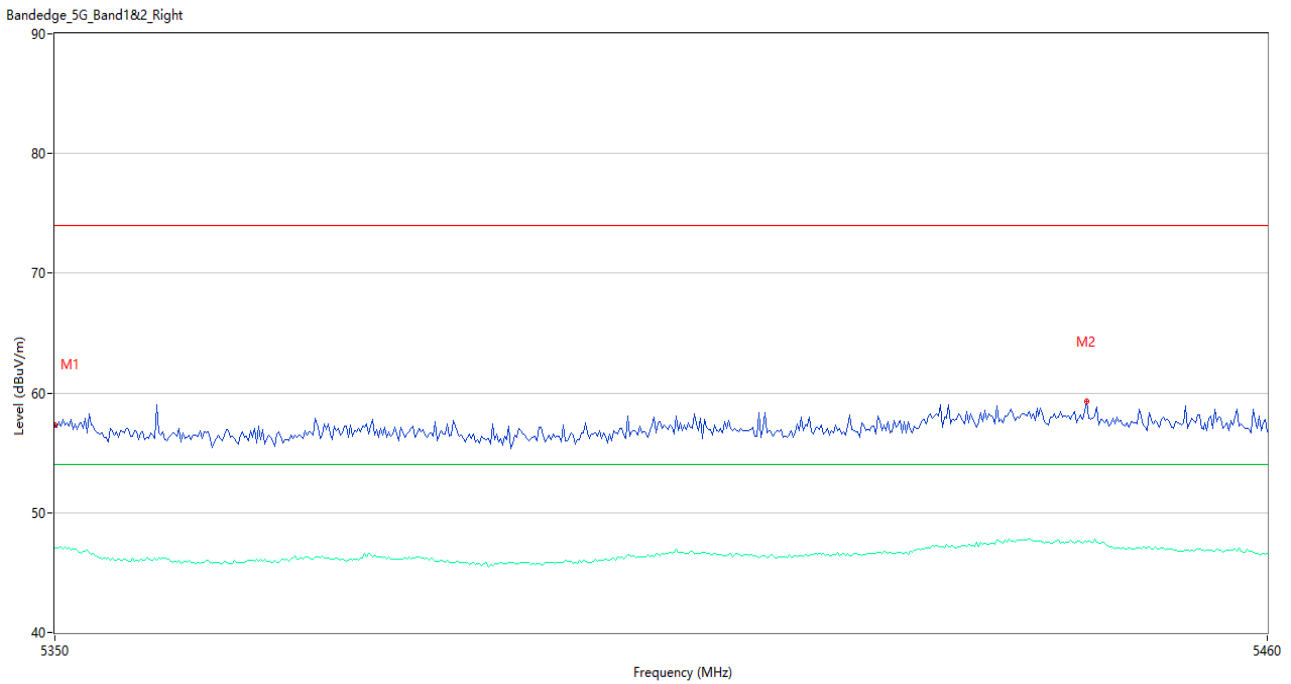
Test Data and Plots

U-NII-1 11a CH36



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	58.47	3.93	74.0	-15.53	Peak	300.00	100	Horizontal	Pass
1**	5149.350	47.74	3.93	54.0	-6.26	AV	300.00	100	Horizontal	Pass
2	5149.675	56.85	3.94	74.0	-17.15	Peak	99.00	200	Horizontal	Pass
2**	5149.675	47.42	3.94	54.0	-6.58	AV	99.00	200	Horizontal	Pass

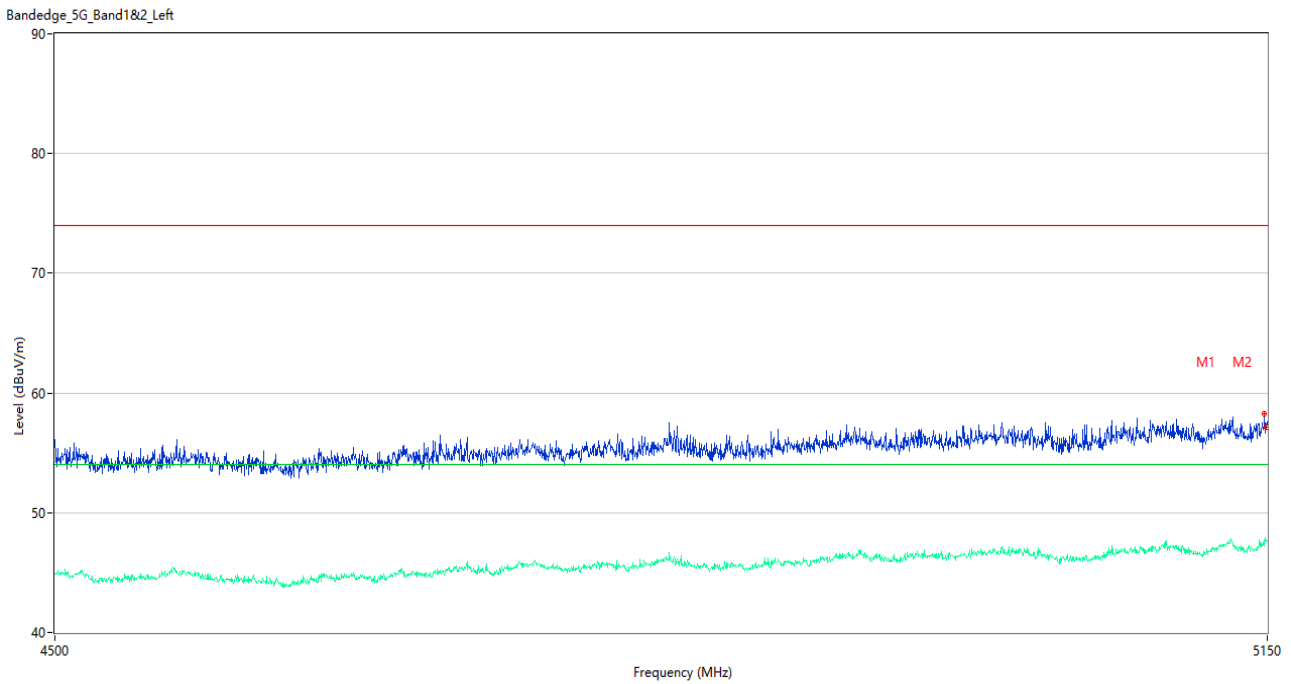
U-NII-1 11a CH48



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.37	3.96	74.0	-16.63	Peak	3.00	100	Horizontal	Pass
1**	5350.000	47.10	3.96	54.0	-6.90	AV	3.00	100	Horizontal	Pass
2	5443.500	59.33	4.97	74.0	-14.67	Peak	86.00	200	Horizontal	Pass
2**	5443.500	47.56	4.97	54.0	-6.44	AV	86.00	200	Horizontal	Pass

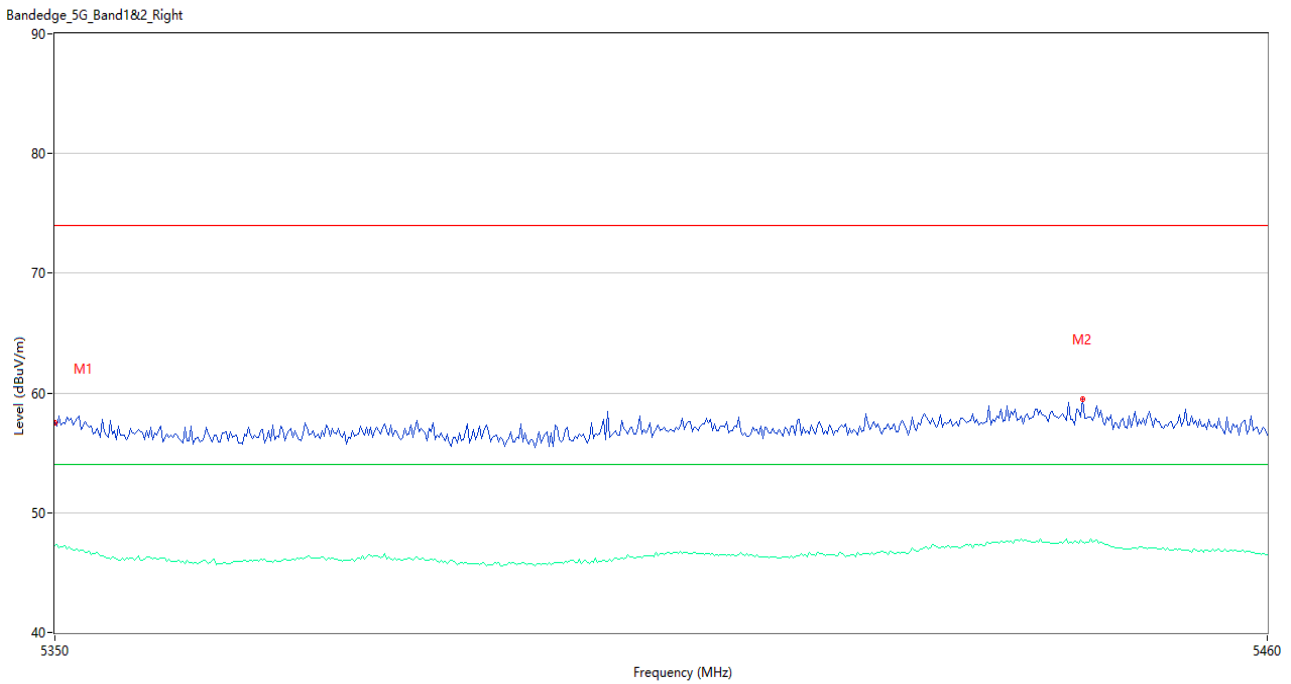


U-NII-1 11n20 CH36



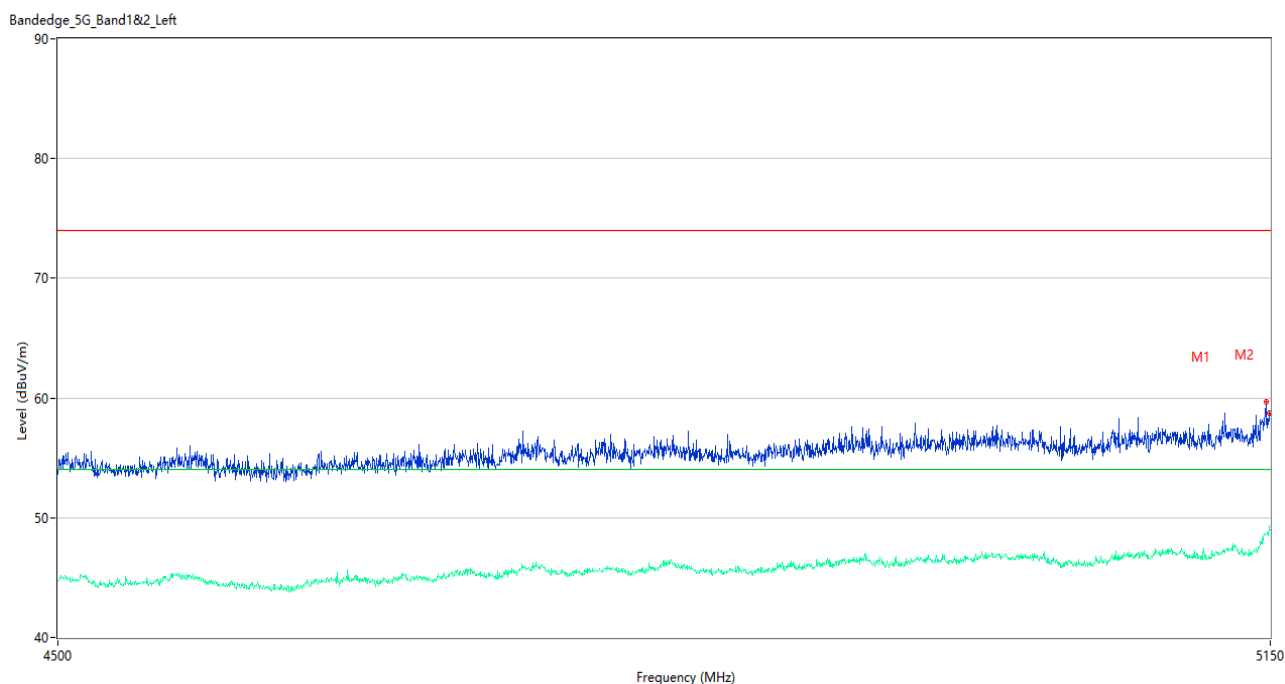
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.375	58.25	3.92	74.0	-15.75	Peak	218.00	150	Horizontal	Pass
1**	5148.375	47.52	3.92	54.0	-6.48	AV	218.00	150	Horizontal	Pass
2	5149.675	57.17	3.94	74.0	-16.83	Peak	316.00	100	Horizontal	Pass
2**	5149.675	47.76	3.94	54.0	-6.24	AV	316.00	100	Horizontal	Pass

U-NII-1 11n20 CH48



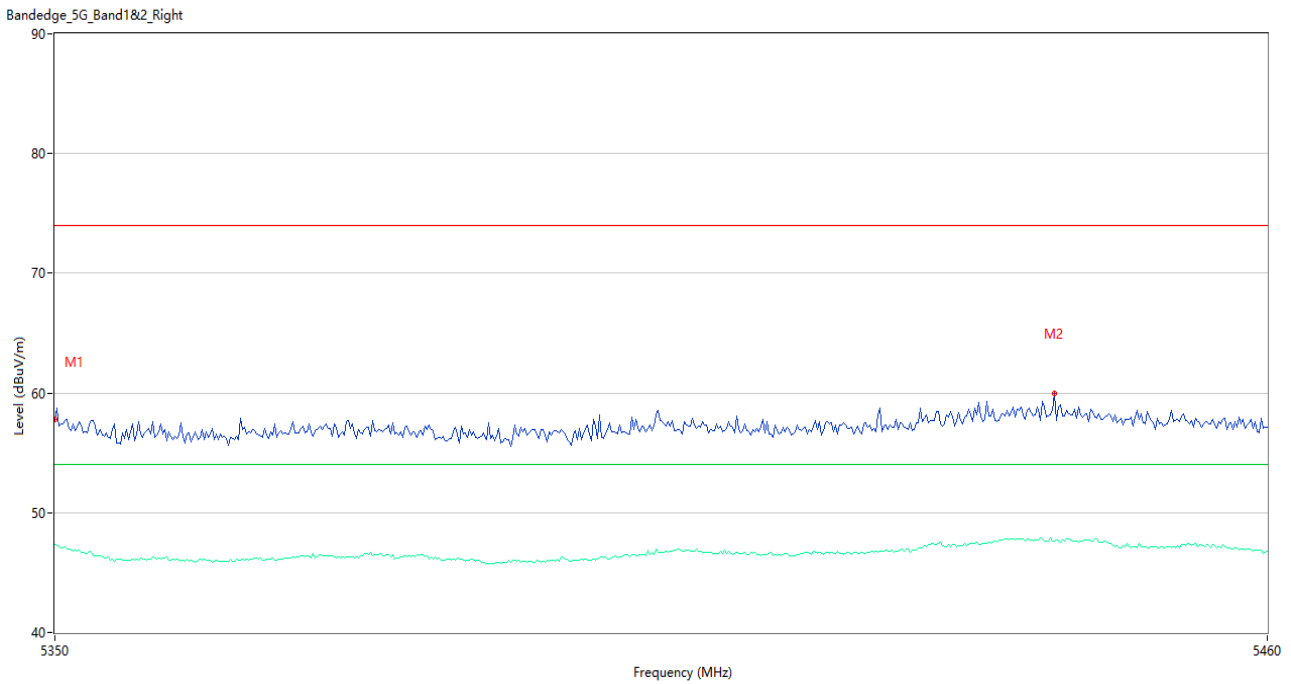
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.52	3.96	74.0	-16.48	Peak	232.00	100	Horizontal	Pass
1**	5350.000	47.30	3.96	54.0	-6.70	AV	232.00	100	Horizontal	Pass
2	5443.133	59.45	4.97	74.0	-14.55	Peak	295.00	150	Horizontal	Pass
2**	5443.133	47.57	4.97	54.0	-6.43	AV	295.00	150	Horizontal	Pass

U-NII-1 11n40 CH38



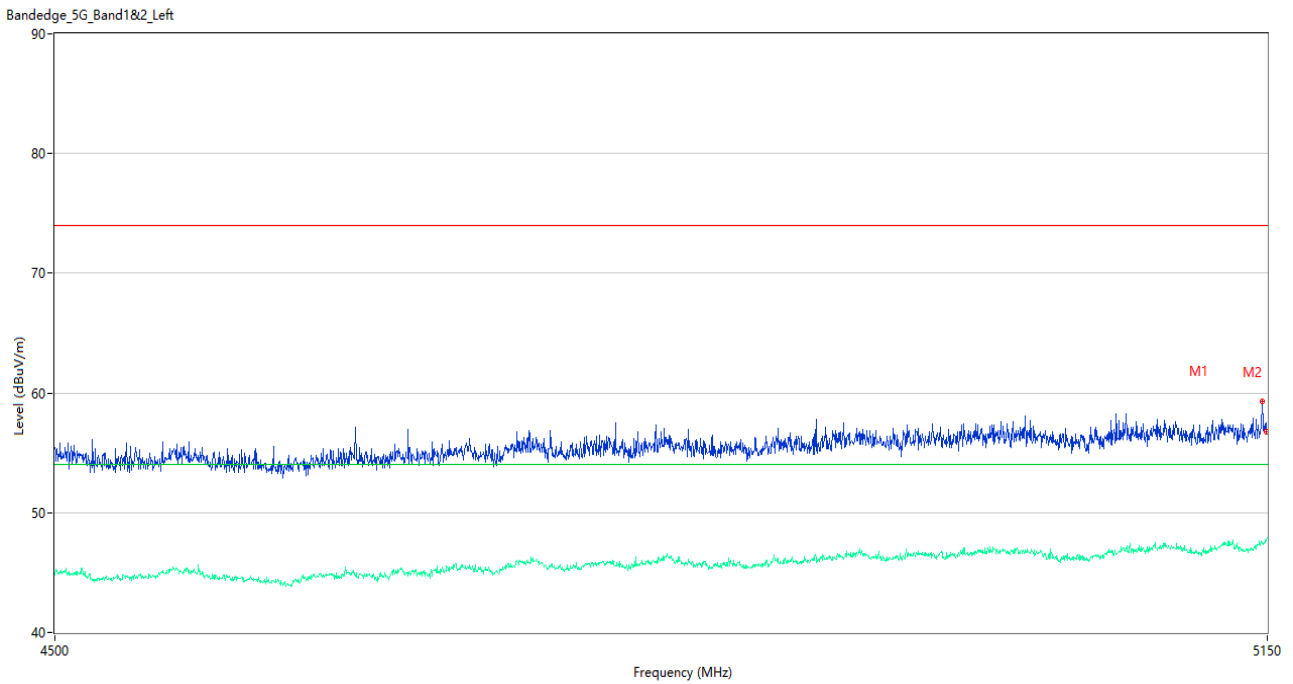
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.400	59.65	3.90	74.0	-14.35	Peak	290.00	150	Horizontal	Pass
1**	5147.400	48.54	3.90	54.0	-5.46	AV	290.00	150	Horizontal	Pass
2	5149.675	58.76	3.94	74.0	-15.24	Peak	290.00	100	Horizontal	Pass
2**	5149.675	49.06	3.94	54.0	-4.94	AV	290.00	100	Horizontal	Pass

U-NII-1 11n40 CH46



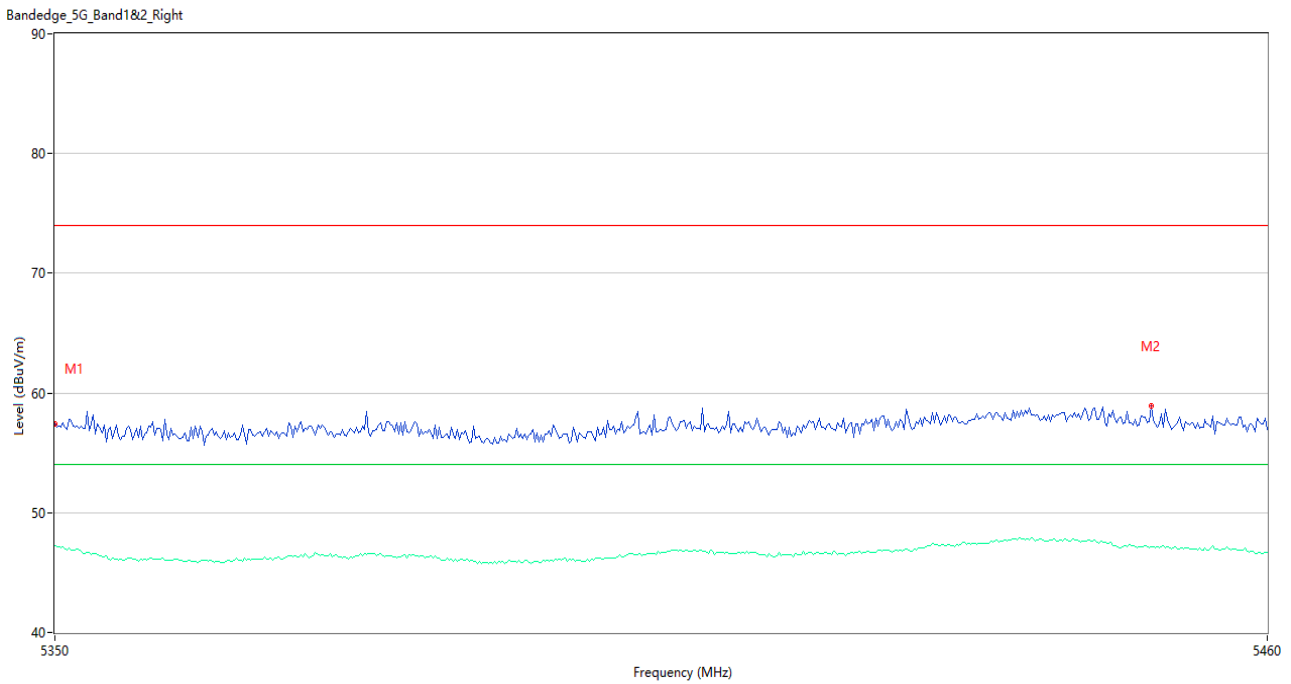
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.79	3.96	74.0	-16.21	Peak	203.00	150	Horizontal	Pass
1**	5350.000	47.31	3.96	54.0	-6.69	AV	203.00	150	Horizontal	Pass
2	5440.567	59.99	4.94	74.0	-14.01	Peak	152.00	150	Horizontal	Pass
2**	5440.567	47.63	4.94	54.0	-6.37	AV	152.00	150	Horizontal	Pass

U-NII-1 11ac20 CH36



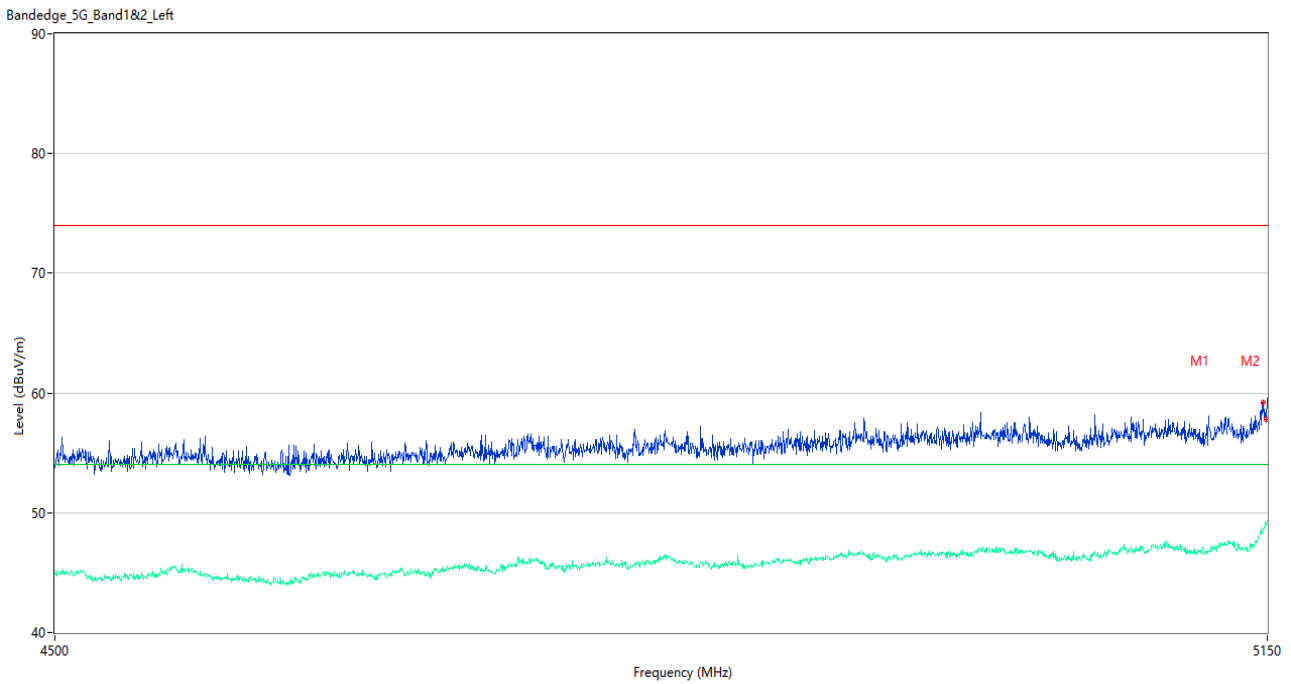
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.075	59.29	3.90	74.0	-14.71	Peak	165.00	100	Horizontal	Pass
1**	5147.075	47.54	3.90	54.0	-6.46	AV	165.00	100	Horizontal	Pass
2	5149.675	56.75	3.94	74.0	-17.25	Peak	77.00	150	Horizontal	Pass
2**	5149.675	47.86	3.94	54.0	-6.14	AV	77.00	150	Horizontal	Pass

U-NII-1 11ac20 CH48



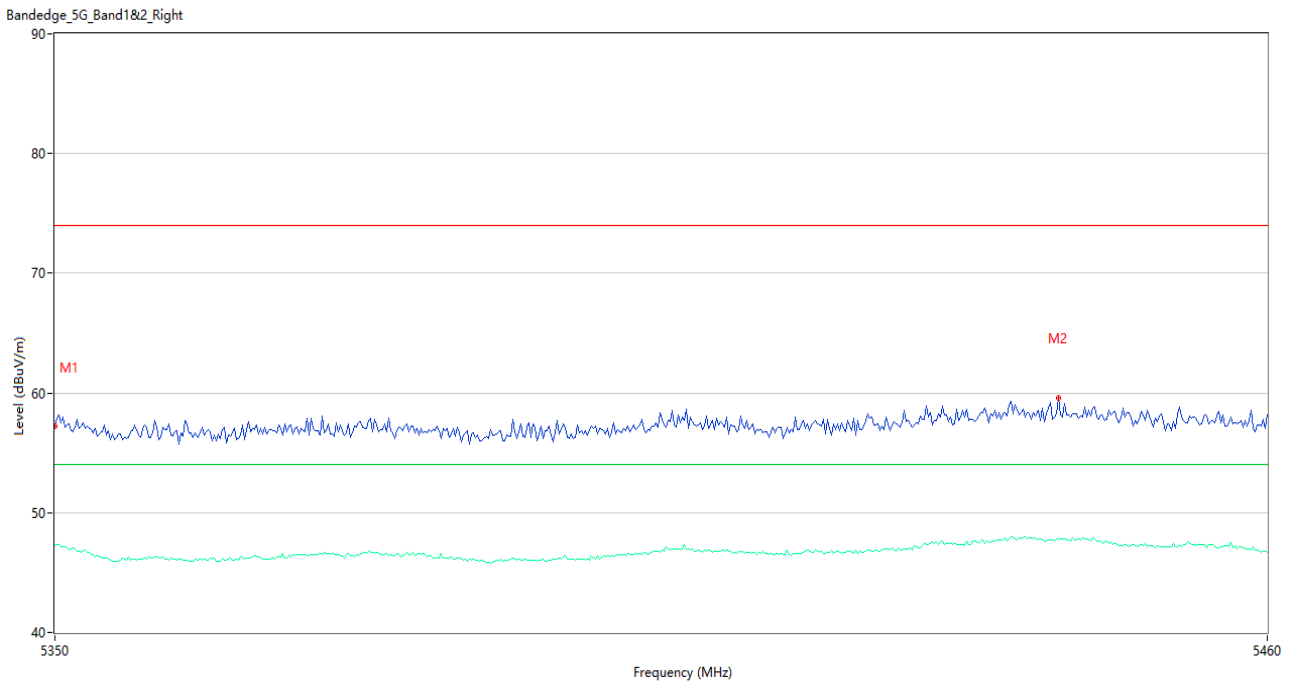
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.43	3.96	74.0	-16.57	Peak	332.00	200	Horizontal	Pass
1**	5350.000	47.20	3.96	54.0	-6.80	AV	332.00	200	Horizontal	Pass
2	5449.367	58.89	4.58	74.0	-15.11	Peak	336.00	150	Horizontal	Pass
2**	5449.367	47.18	4.58	54.0	-6.82	AV	336.00	150	Horizontal	Pass

U-NII-1 11ac40 CH38



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.400	59.16	3.90	74.0	-14.84	Peak	314.00	200	Horizontal	Pass
1**	5147.400	48.65	3.90	54.0	-5.35	AV	314.00	200	Horizontal	Pass
2	5149.675	57.80	3.94	74.0	-16.20	Peak	275.00	150	Horizontal	Pass
2**	5149.675	49.03	3.94	54.0	-4.97	AV	275.00	150	Horizontal	Pass

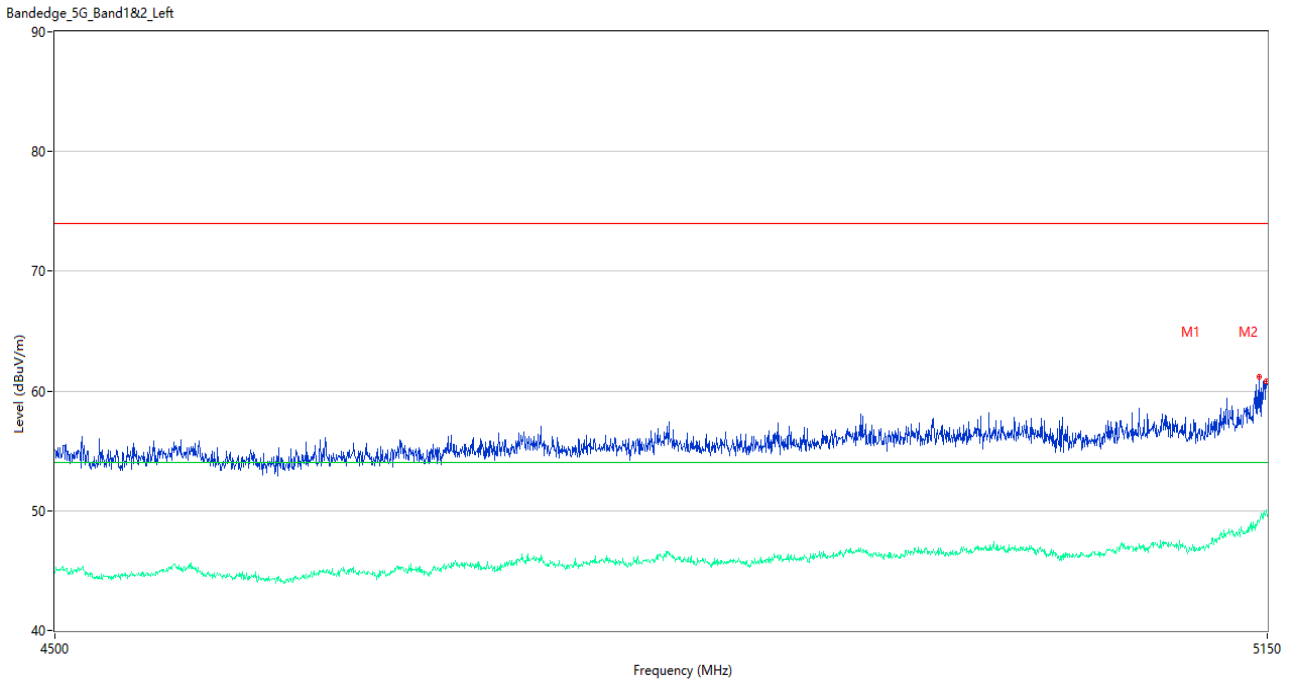
U-NII-1 11ac40 CH46



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.27	3.96	74.0	-16.73	Peak	25.00	150	Horizontal	Pass
1**	5350.000	47.23	3.96	54.0	-6.77	AV	25.00	150	Horizontal	Pass
2	5440.933	59.57	4.95	74.0	-14.43	Peak	154.00	100	Horizontal	Pass
2**	5440.933	47.76	4.95	54.0	-6.24	AV	154.00	100	Horizontal	Pass

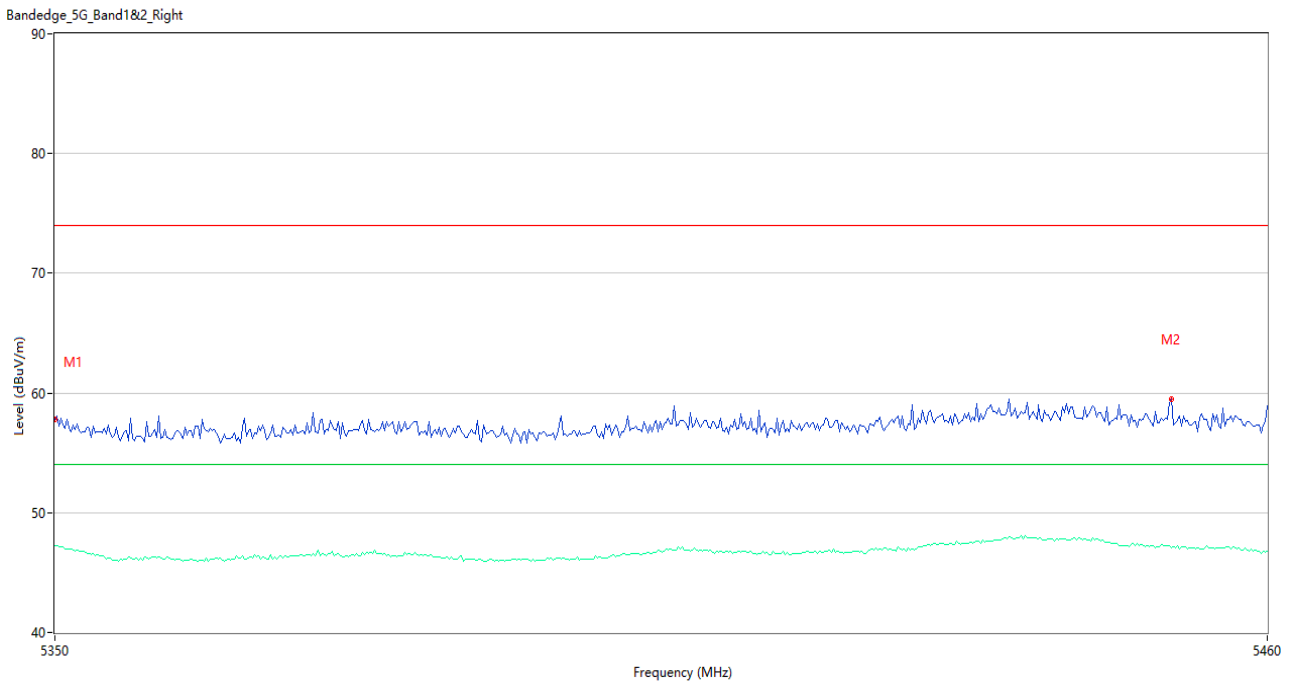


U-NII-1 11ac80 CH42



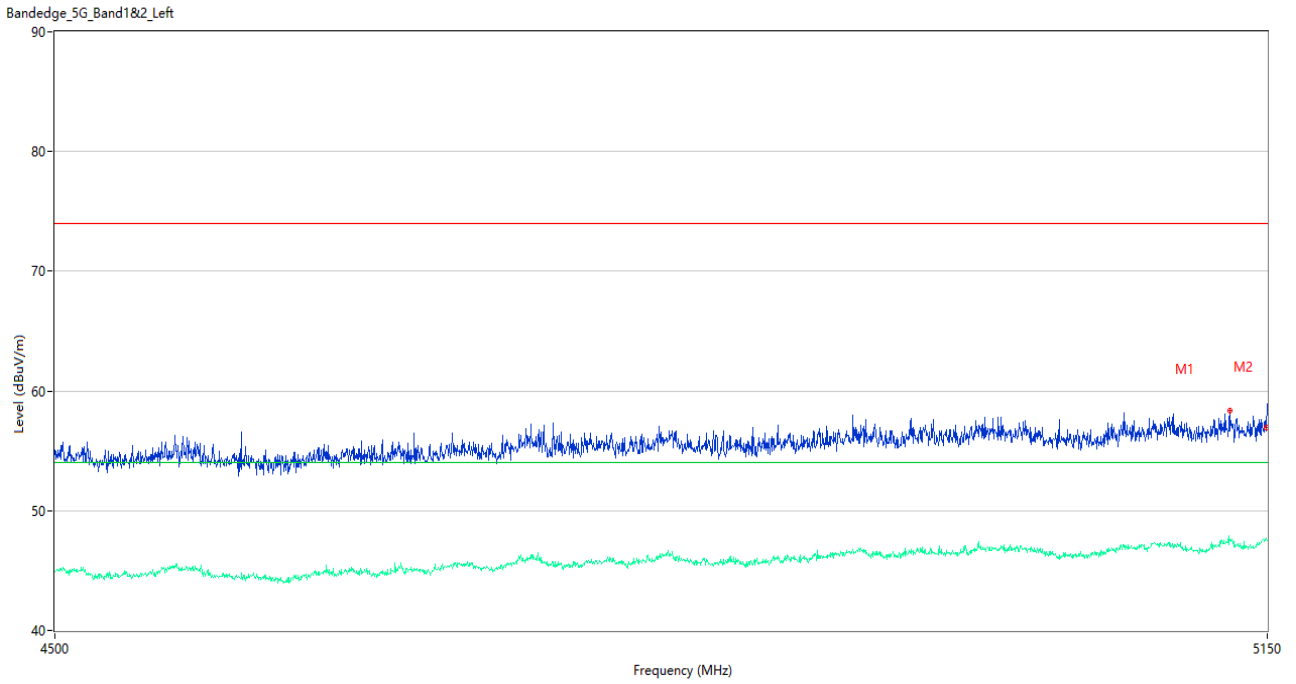
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.125	61.16	3.75	74.0	-12.84	Peak	315.00	150	Horizontal	Pass
1**	5145.125	49.06	3.75	54.0	-4.94	AV	315.00	150	Horizontal	Pass
2	5149.675	60.83	3.94	74.0	-13.17	Peak	291.00	100	Horizontal	Pass
2**	5149.675	50.05	3.94	54.0	-3.95	AV	291.00	100	Horizontal	Pass

U-NII-1 11ac80 CH42



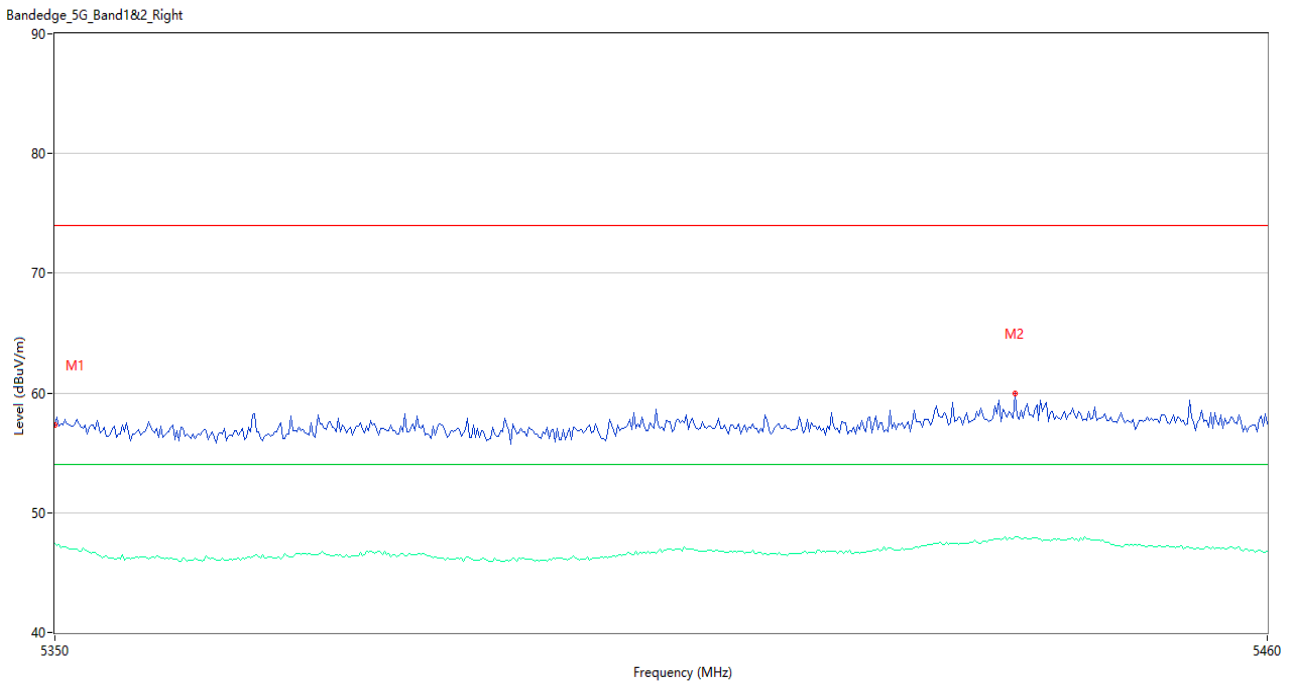
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.77	3.96	74.0	-16.23	Peak	0.00	200	Horizontal	Pass
1**	5350.000	47.26	3.96	54.0	-6.74	AV	0.00	200	Horizontal	Pass
2	5451.200	59.49	4.54	74.0	-14.51	Peak	347.00	100	Horizontal	Pass
2**	5451.200	47.08	4.54	54.0	-6.92	AV	347.00	100	Horizontal	Pass

U-NII-2A 11a CH52



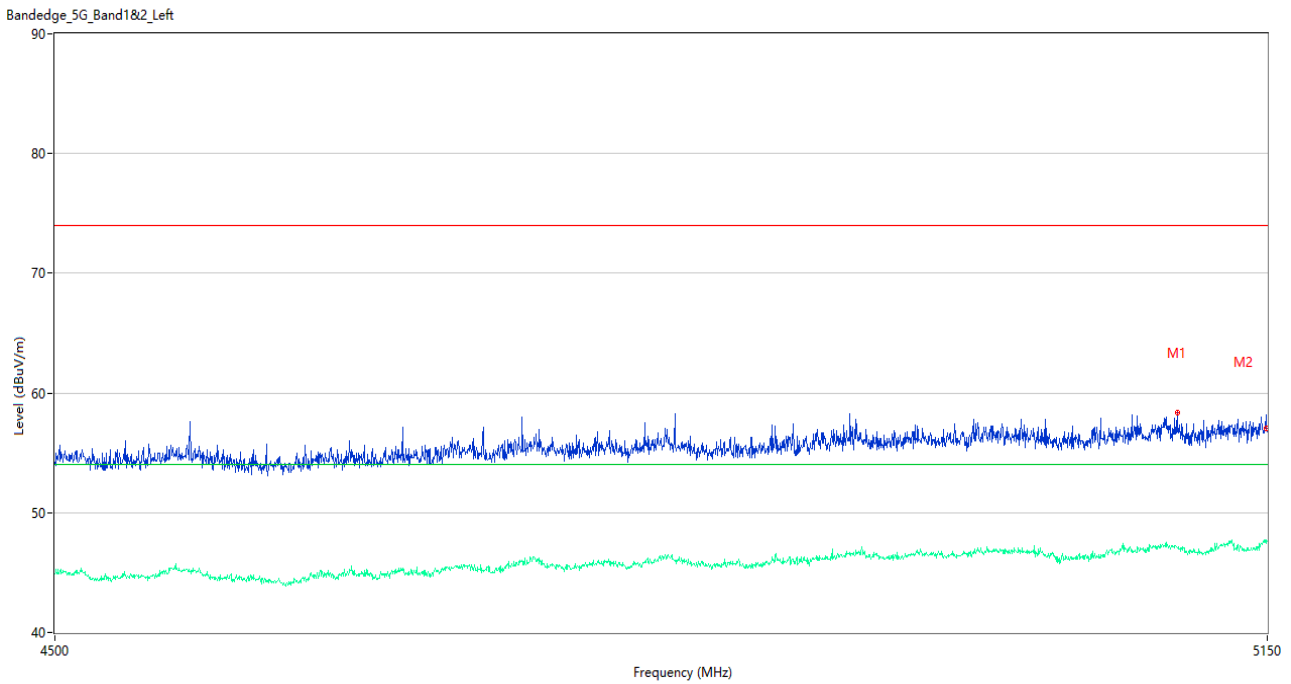
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5128.550	58.37	4.09	74.0	-15.63	Peak	327.00	200	Horizontal	Pass
1**	5128.550	47.49	4.09	54.0	-6.51	AV	327.00	200	Horizontal	Pass
2	5149.675	56.94	3.94	74.0	-17.06	Peak	164.00	200	Horizontal	Pass
2**	5149.675	47.67	3.94	54.0	-6.33	AV	164.00	200	Horizontal	Pass

U-NII-2A 11a CH64



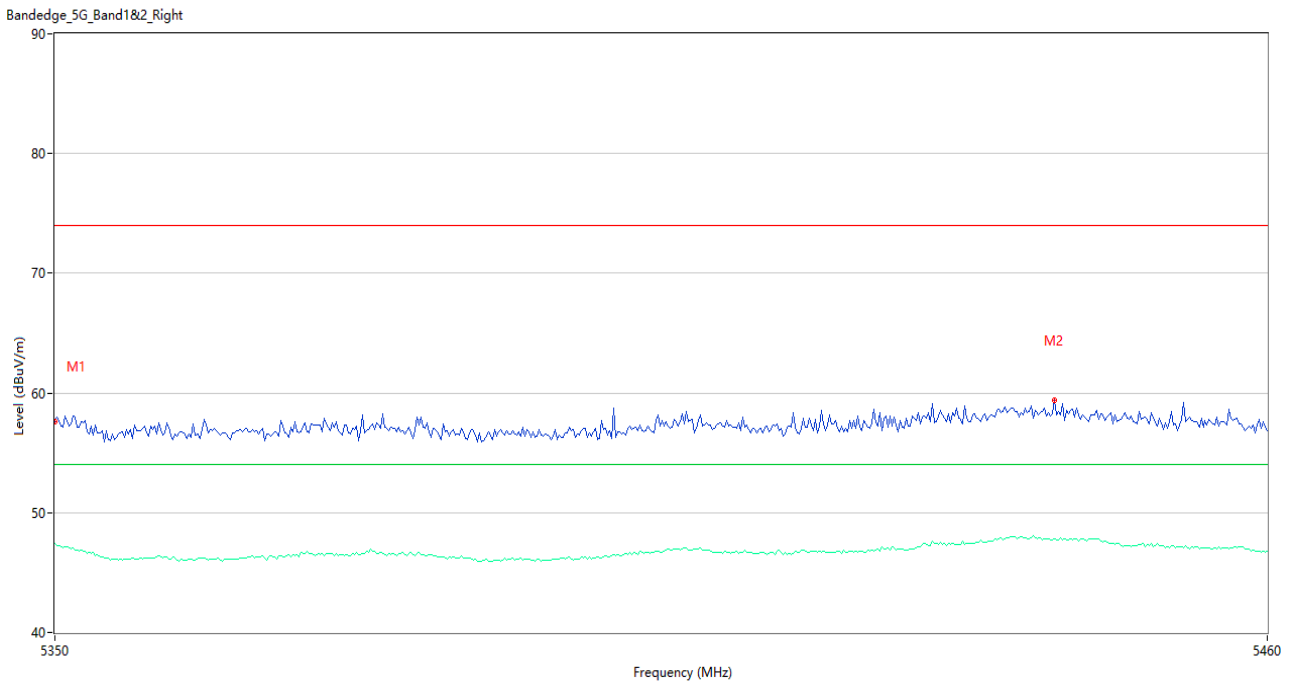
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.30	3.96	74.0	-16.70	Peak	360.00	100	Horizontal	Pass
1**	5350.000	47.45	3.96	54.0	-6.55	AV	360.00	100	Horizontal	Pass
2	5436.900	59.93	5.08	74.0	-14.07	Peak	104.00	150	Horizontal	Pass
2**	5436.900	47.96	5.08	54.0	-6.04	AV	104.00	150	Horizontal	Pass

U-NII-2A 11n20 CH52



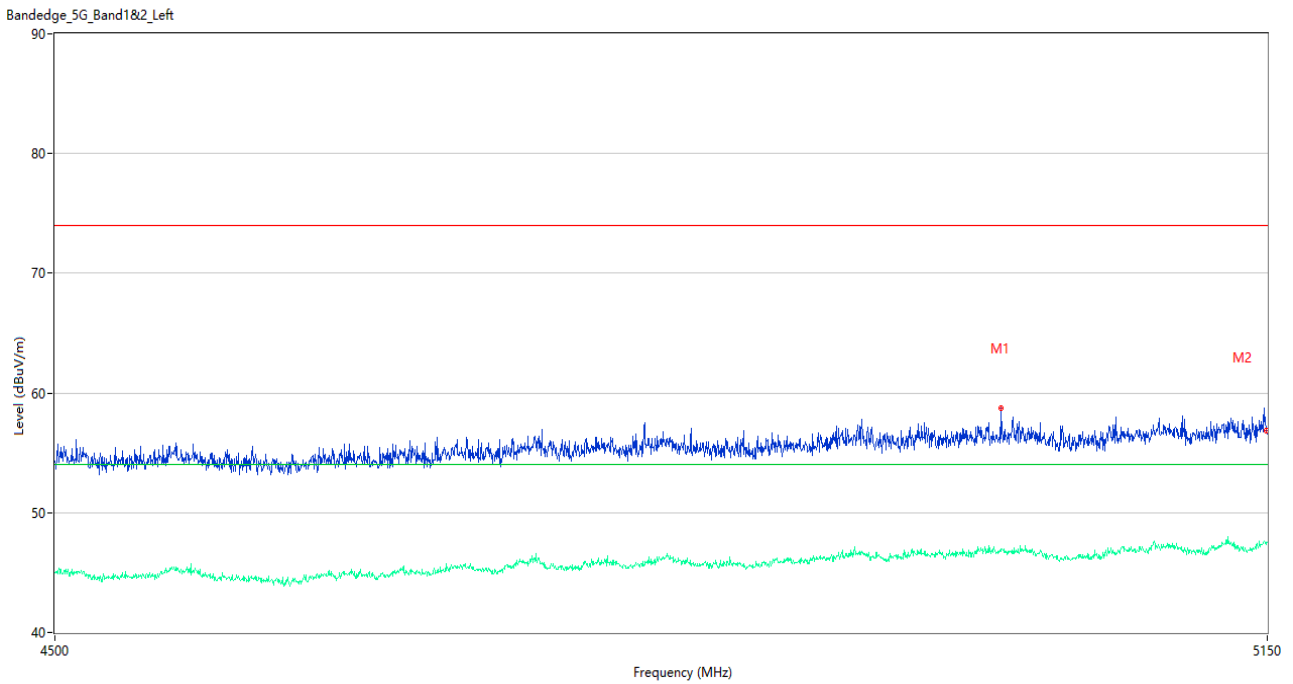
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5098.650	58.33	4.19	74.0	-15.67	Peak	0.00	100	Horizontal	Pass
1**	5098.650	47.05	4.19	54.0	-6.95	AV	0.00	100	Horizontal	Pass
2	5149.675	57.04	3.94	74.0	-16.96	Peak	0.00	150	Horizontal	Pass
2**	5149.675	47.68	3.94	54.0	-6.32	AV	0.00	150	Horizontal	Pass

U-NII-2A 11n20 CH64



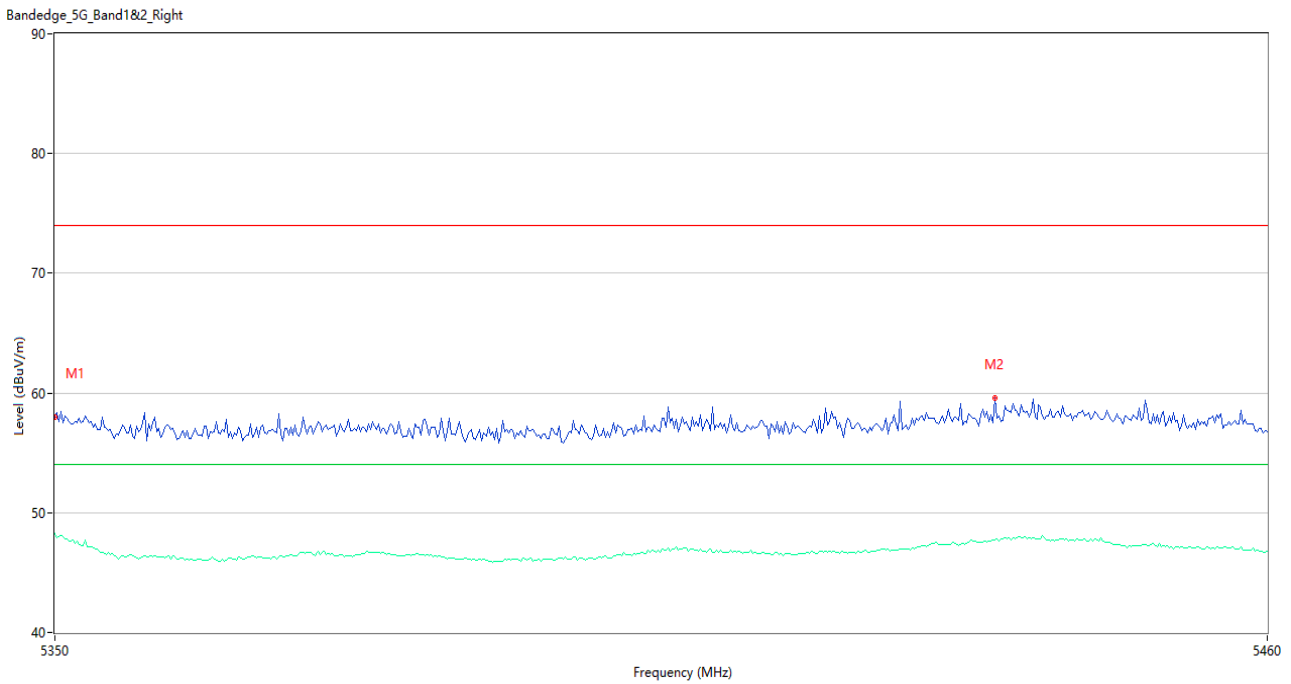
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.57	3.96	74.0	-16.43	Peak	297.00	150	Horizontal	Pass
1**	5350.000	47.43	3.96	54.0	-6.57	AV	297.00	150	Horizontal	Pass
2	5440.567	59.40	4.94	74.0	-14.60	Peak	40.00	100	Horizontal	Pass
2**	5440.567	47.85	4.94	54.0	-6.15	AV	40.00	100	Horizontal	Pass

U-NII-2A 11n40 CH54



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4999.850	58.76	3.66	74.0	-15.24	Peak	175.00	200	Horizontal	Pass
1**	4999.850	46.97	3.66	54.0	-7.03	AV	175.00	200	Horizontal	Pass
2	5149.675	56.88	3.94	74.0	-17.12	Peak	111.00	150	Horizontal	Pass
2**	5149.675	47.49	3.94	54.0	-6.51	AV	111.00	150	Horizontal	Pass

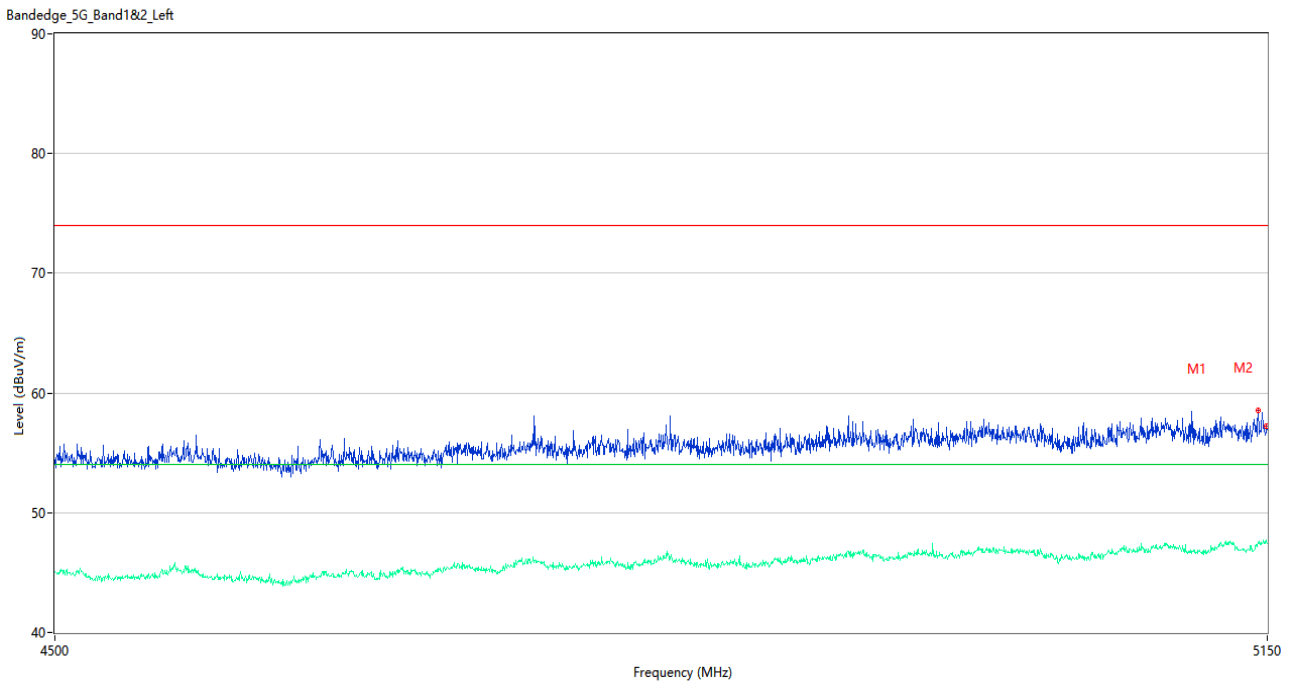
U-NII-2A 11n40 CH62



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.95	3.96	74.0	-16.05	Peak	4.00	200	Horizontal	Pass
1**	5350.000	48.27	3.96	54.0	-5.73	AV	4.00	200	Horizontal	Pass
2	5435.067	59.55	4.94	74.0	-14.45	Peak	122.00	100	Horizontal	Pass
2**	5435.067	47.74	4.94	54.0	-6.26	AV	122.00	100	Horizontal	Pass

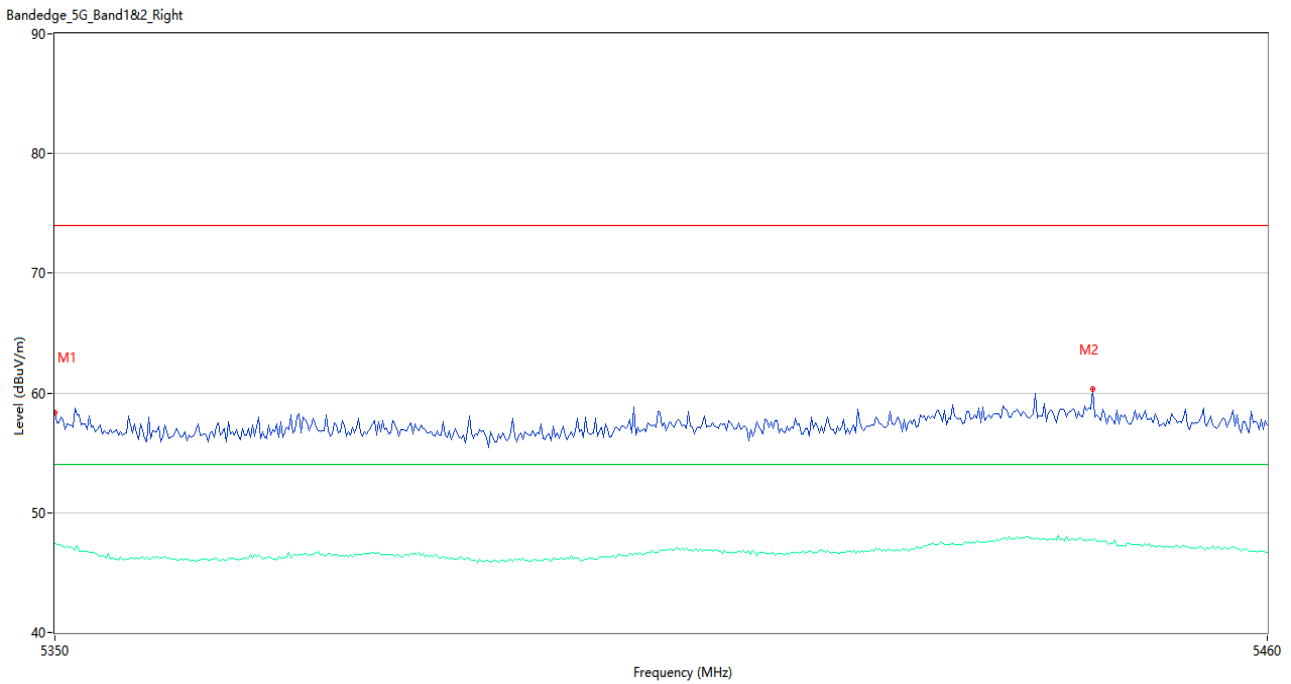


U-NII-2A 11ac20 CH52



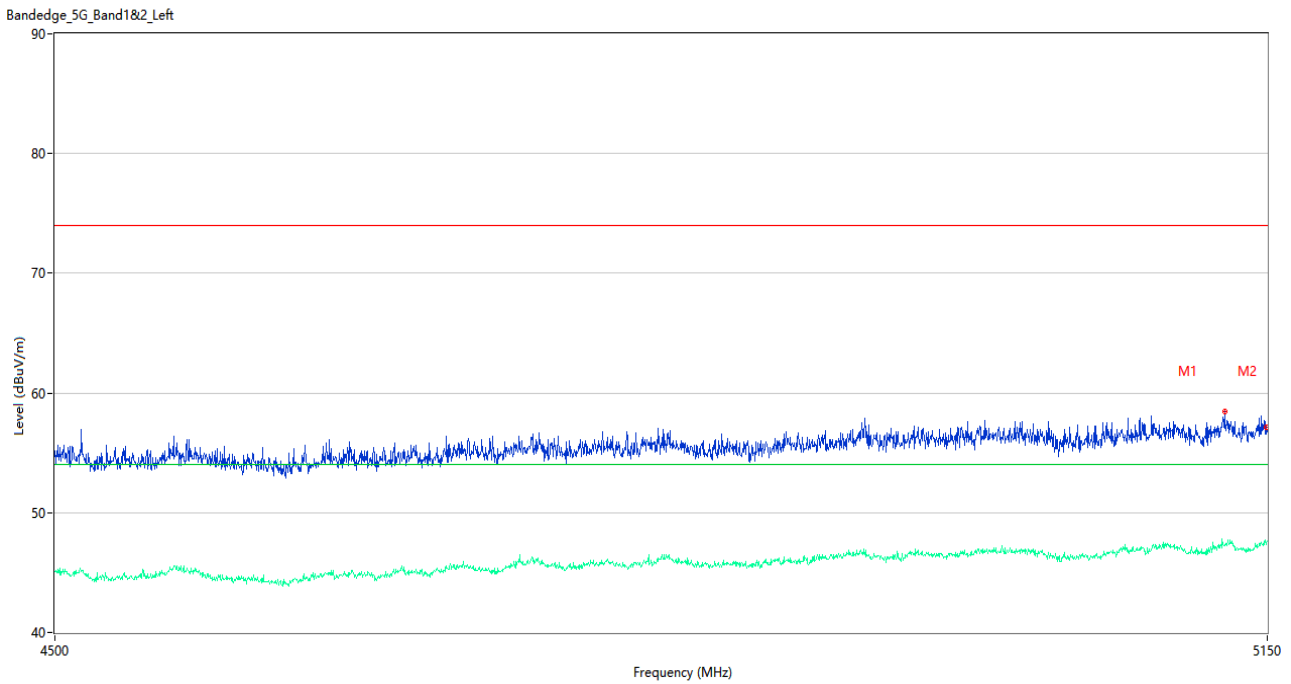
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5144.800	58.56	3.73	74.0	-15.44	Peak	224.00	150	Horizontal	Pass
1**	5144.800	47.53	3.73	54.0	-6.47	AV	224.00	150	Horizontal	Pass
2	5149.675	57.21	3.94	74.0	-16.79	Peak	137.00	100	Horizontal	Pass
2**	5149.675	47.53	3.94	54.0	-6.47	AV	137.00	100	Horizontal	Pass

U-NII-2A 11ac20 CH64



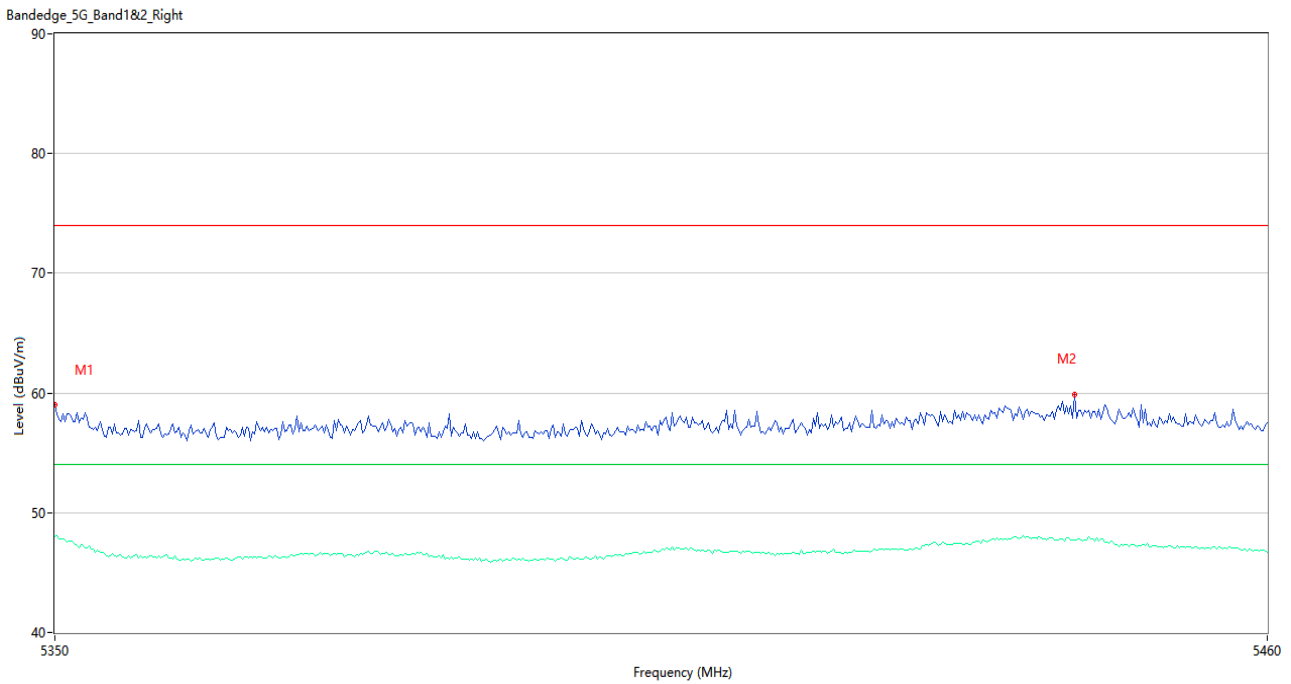
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.34	3.96	74.0	-15.66	Peak	114.00	150	Horizontal	Pass
1**	5350.000	47.43	3.96	54.0	-6.57	AV	114.00	150	Horizontal	Pass
2	5444.050	60.29	4.96	74.0	-13.71	Peak	356.00	100	Horizontal	Pass
2**	5444.050	47.75	4.96	54.0	-6.25	AV	356.00	100	Horizontal	Pass

U-NII-2A 11ac40 CH54



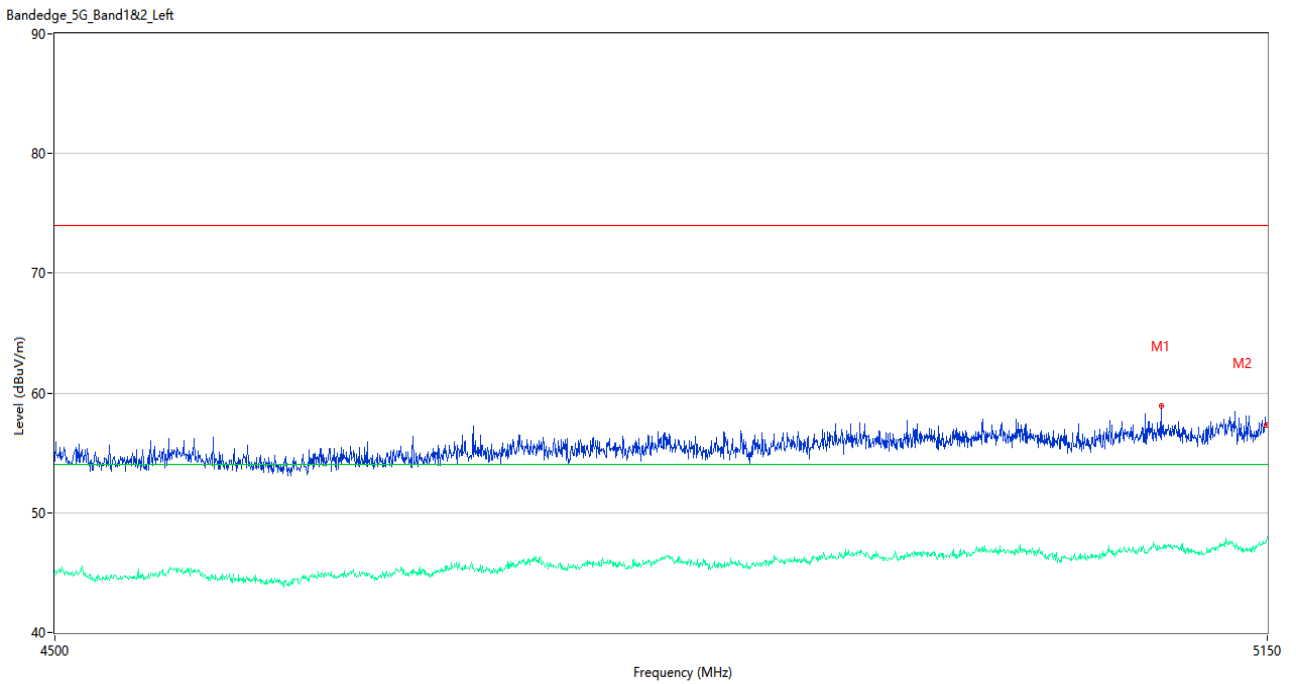
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5125.625	58.48	4.07	74.0	-15.52	Peak	262.00	150	Horizontal	Pass
1**	5125.625	47.37	4.07	54.0	-6.63	AV	262.00	150	Horizontal	Pass
2	5149.675	57.16	3.94	74.0	-16.84	Peak	328.00	200	Horizontal	Pass
2**	5149.675	47.49	3.94	54.0	-6.51	AV	328.00	200	Horizontal	Pass

U-NII-2A 11ac40 CH62



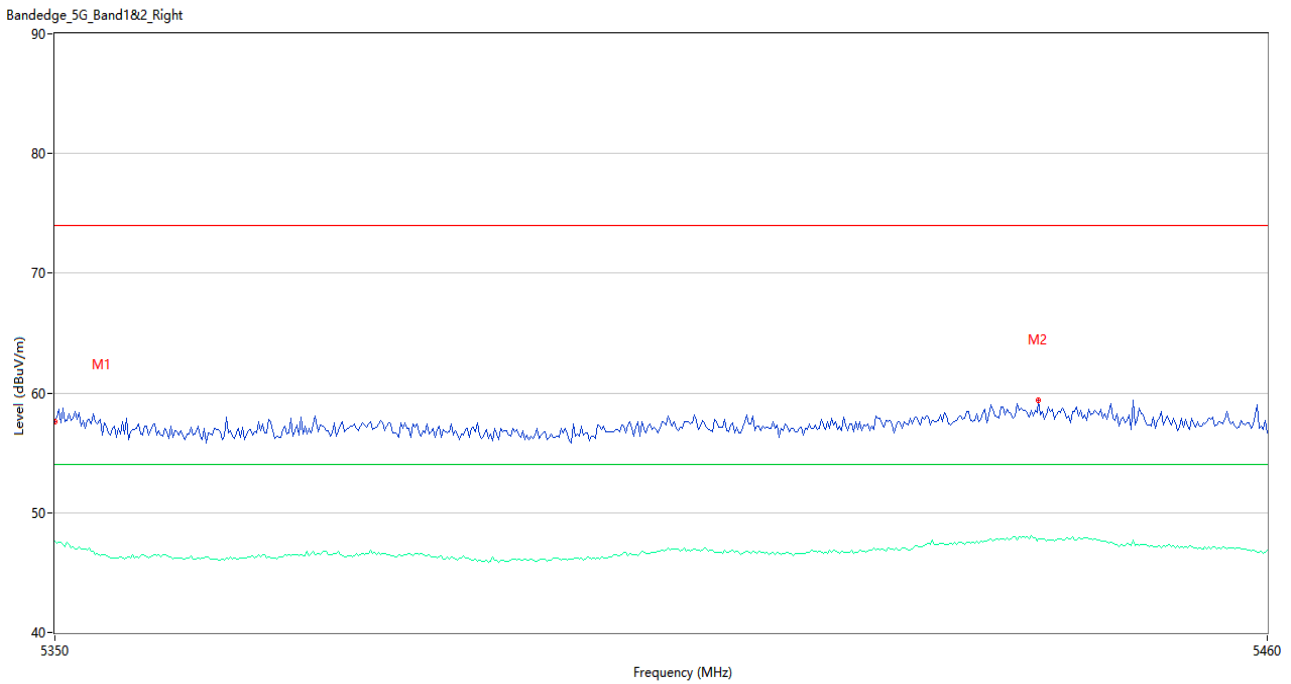
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.01	3.96	74.0	-14.99	Peak	93.00	150	Horizontal	Pass
1**	5350.000	47.98	3.96	54.0	-6.02	AV	93.00	150	Horizontal	Pass
2	5442.400	59.87	4.97	74.0	-14.13	Peak	183.00	100	Horizontal	Pass
2**	5442.400	47.73	4.97	54.0	-6.27	AV	183.00	100	Horizontal	Pass

U-NII-2A 11ac80 CH58



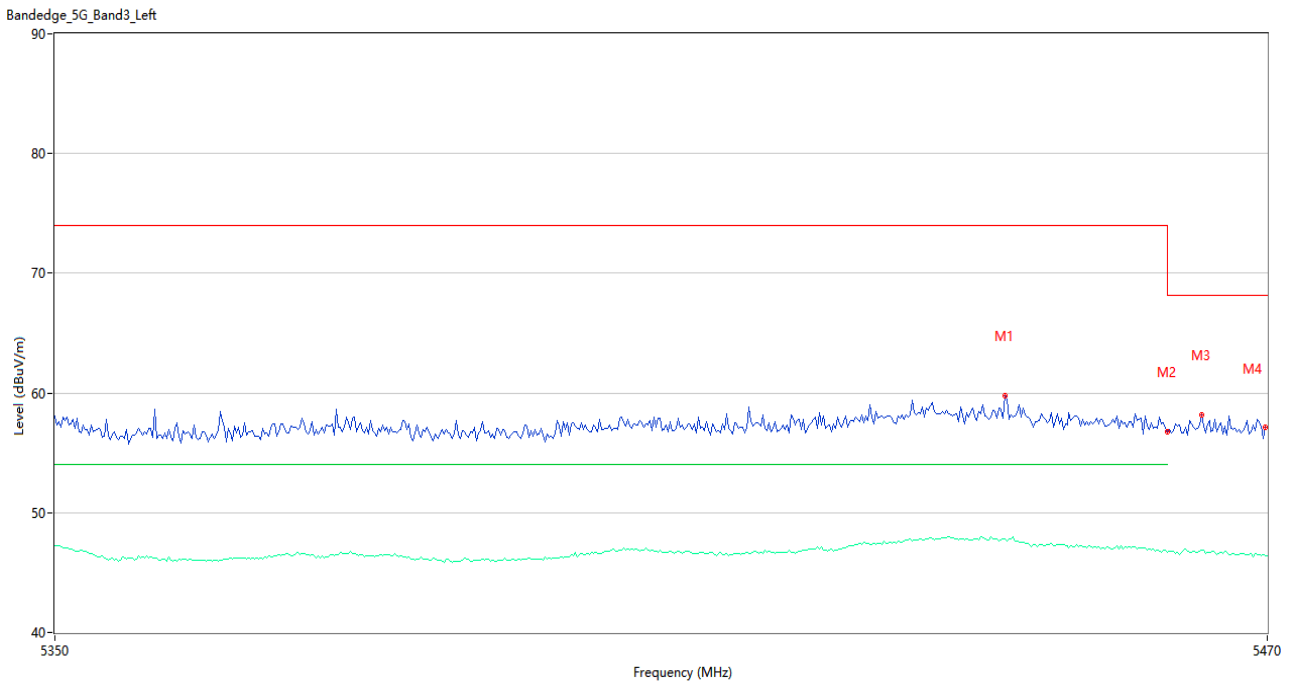
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5089.550	58.93	4.03	74.0	-15.07	Peak	278.00	150	Horizontal	Pass
1**	5089.550	47.03	4.03	54.0	-6.97	AV	278.00	150	Horizontal	Pass
2	5149.675	57.29	3.94	74.0	-16.71	Peak	349.00	100	Horizontal	Pass
2**	5149.675	47.52	3.94	54.0	-6.48	AV	349.00	100	Horizontal	Pass

U-NII-2A 11ac80 CH58



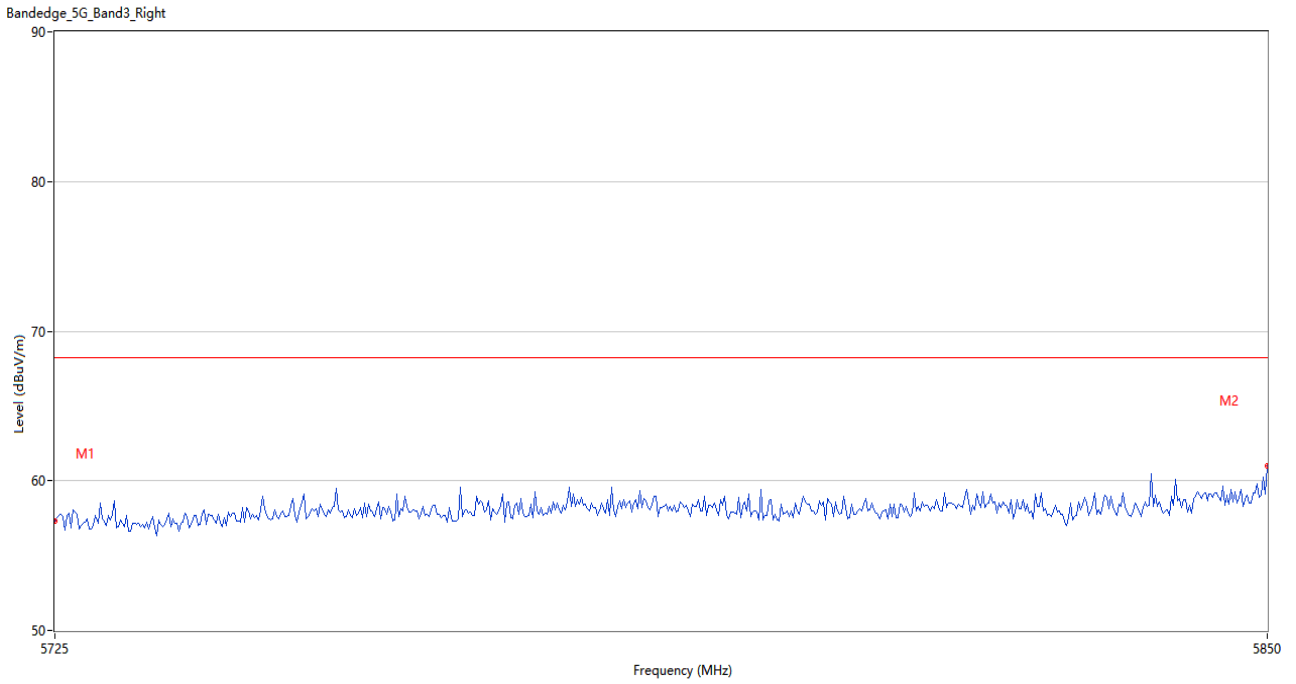
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.62	3.96	74.0	-16.38	Peak	43.00	200	Horizontal	Pass
1**	5350.000	47.64	3.96	54.0	-6.36	AV	43.00	200	Horizontal	Pass
2	5439.100	59.44	5.02	74.0	-14.56	Peak	0.00	150	Horizontal	Pass
2**	5439.100	47.79	5.02	54.0	-6.21	AV	0.00	150	Horizontal	Pass

U-NII-2C 11a CH100



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5443.800	59.73	4.97	74.0	-14.27	Peak	31.00	150	Horizontal	Pass
1**	5443.800	47.81	4.97	54.0	-6.19	AV	31.00	150	Horizontal	Pass
2	5460.000	56.74	4.23	74.0	-17.26	Peak	65.00	200	Horizontal	Pass
2**	5460.000	46.69	4.23	54.0	-7.31	AV	65.00	200	Horizontal	Pass
3	5463.400	58.21	4.26	68.2	-9.99	Peak	31.00	150	Horizontal	Pass
3**	5463.400	46.87	4.26	--	--	AV	31.00	150	Horizontal	N/A
4	5469.800	57.14	3.78	68.2	-11.06	Peak	33.00	100	Horizontal	Pass
4**	5469.800	46.36	3.78	--	--	AV	33.00	100	Horizontal	N/A

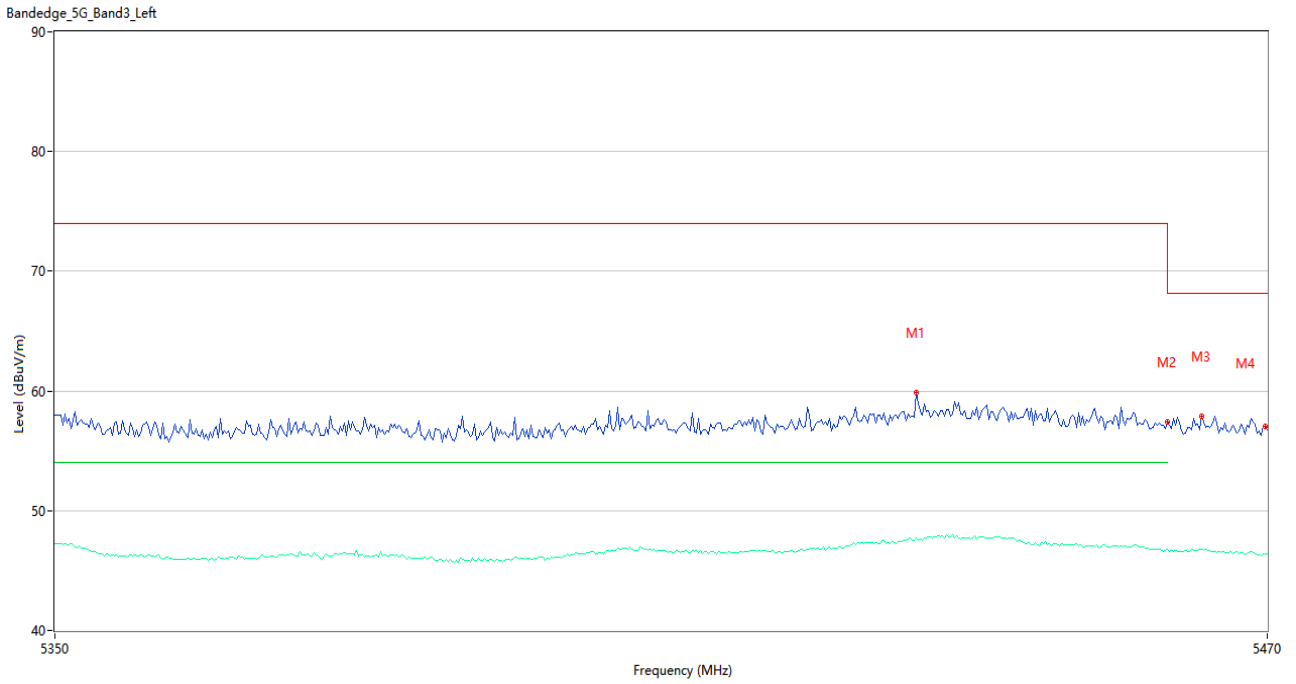
U-NII-2C 11a CH140



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.27	4.45	68.2	-10.93	Peak	360.00	200	Horizontal	Pass
2	5850.000	61.02	5.73	68.2	-7.18	Peak	185.00	150	Horizontal	Pass

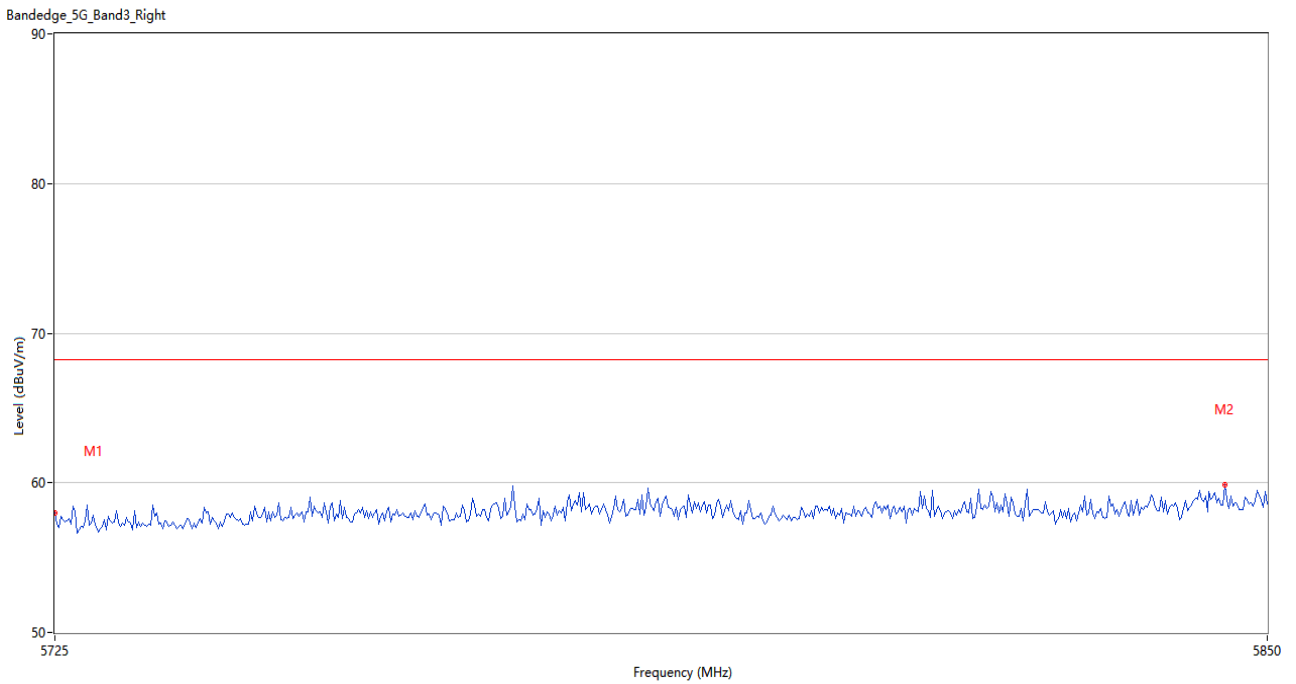


U-NII-2C 11n20 CH100



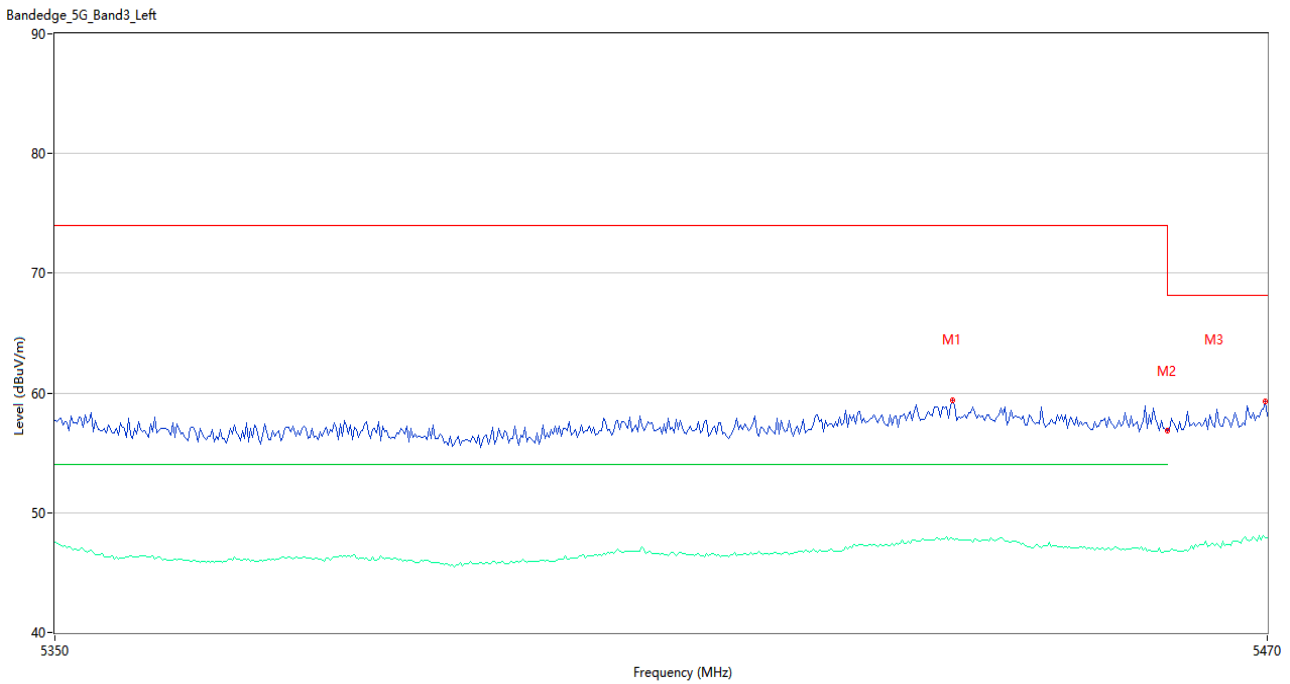
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5435.000	59.84	4.93	74.0	-14.16	Peak	136.00	100	Horizontal	Pass
1**	5435.000	47.68	4.93	54.0	-6.32	AV	136.00	100	Horizontal	Pass
2	5460.000	57.37	4.23	74.0	-16.63	Peak	97.00	150	Horizontal	Pass
2**	5460.000	46.77	4.23	54.0	-7.23	AV	97.00	150	Horizontal	Pass
3	5463.400	57.93	4.26	68.2	-10.27	Peak	291.00	150	Horizontal	Pass
3**	5463.400	46.78	4.26	--	--	AV	291.00	150	Horizontal	N/A
4	5469.800	57.05	3.78	68.2	-11.15	Peak	3.00	200	Horizontal	Pass
4**	5469.800	46.30	3.78	--	--	AV	3.00	200	Horizontal	N/A

U-NII-2C 11n20 CH140



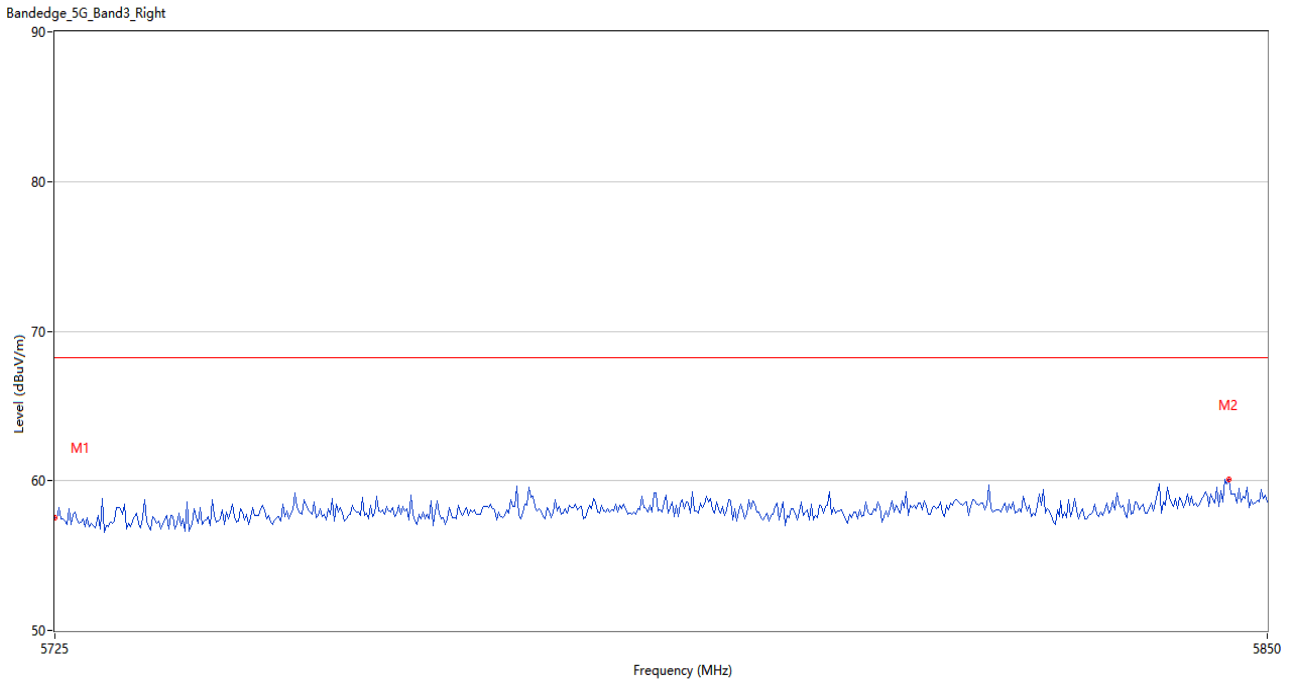
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.00	4.45	68.2	-10.20	Peak	121.00	150	Horizontal	Pass
2	5845.625	59.89	5.76	68.2	-8.31	Peak	75.00	150	Horizontal	Pass

U-NII-2C 11n40 CH102



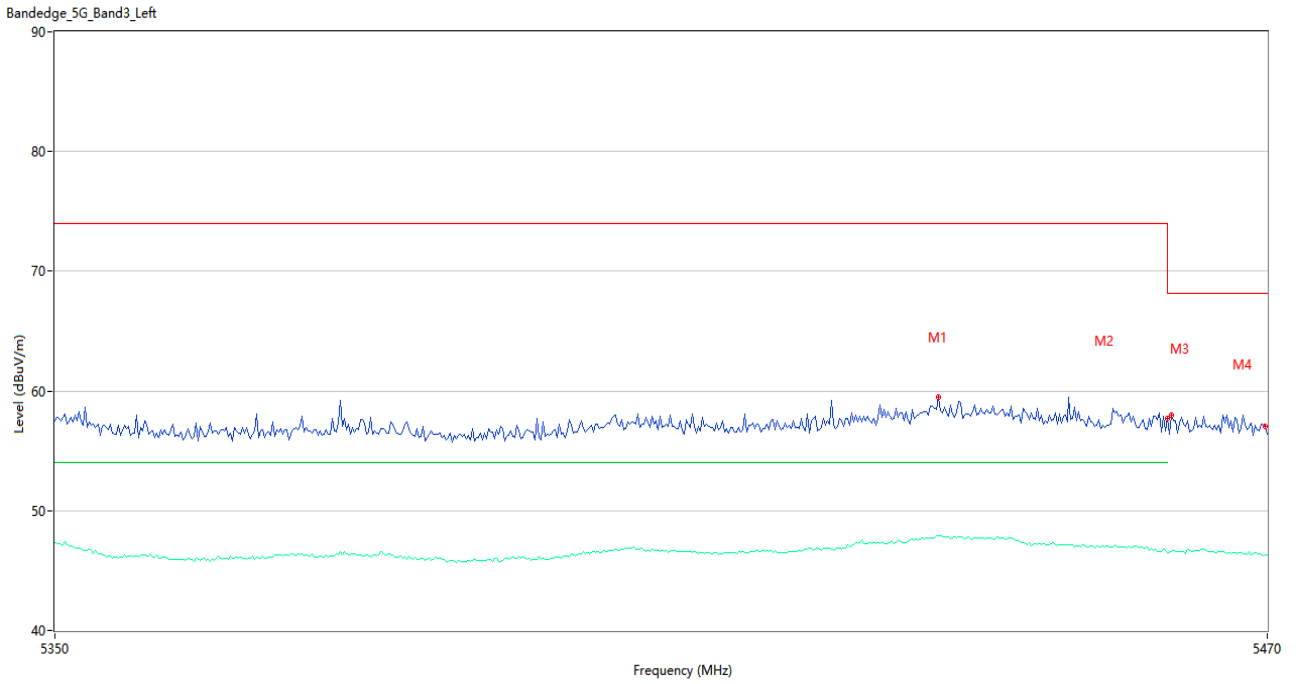
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5438.600	59.44	5.06	74.0	-14.56	Peak	205.00	100	Horizontal	Pass
1**	5438.600	47.83	5.06	54.0	-6.17	AV	205.00	100	Horizontal	Pass
2	5460.000	56.82	4.23	74.0	-17.18	Peak	232.00	100	Horizontal	Pass
2**	5460.000	46.76	4.23	54.0	-7.24	AV	232.00	100	Horizontal	Pass
3	5469.800	59.29	3.78	68.2	-8.91	Peak	295.00	100	Horizontal	Pass
3**	5469.800	47.90	3.78	--	--	AV	295.00	100	Horizontal	N/A

U-NII-2C 11n40 CH134



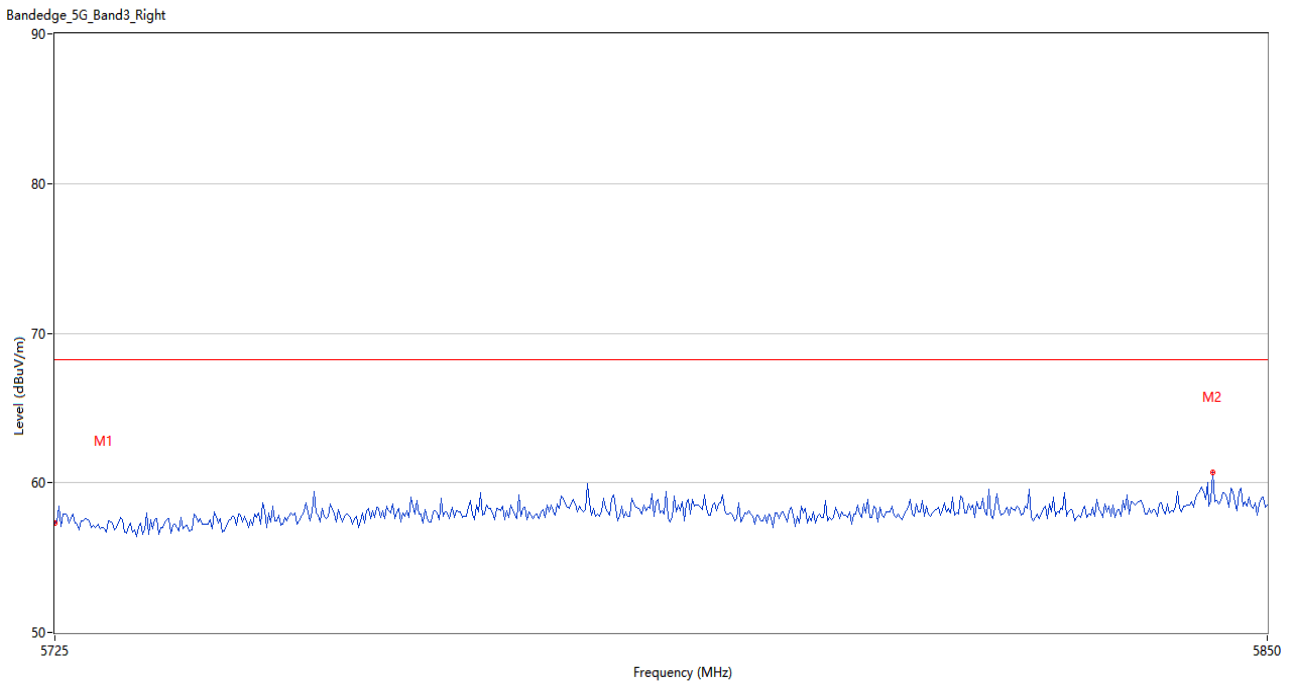
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.53	4.45	68.2	-10.67	Peak	149.00	150	Horizontal	Pass
2	5846.042	60.10	5.74	68.2	-8.10	Peak	93.00	200	Horizontal	Pass

U-NII-2C 11ac20 CH100



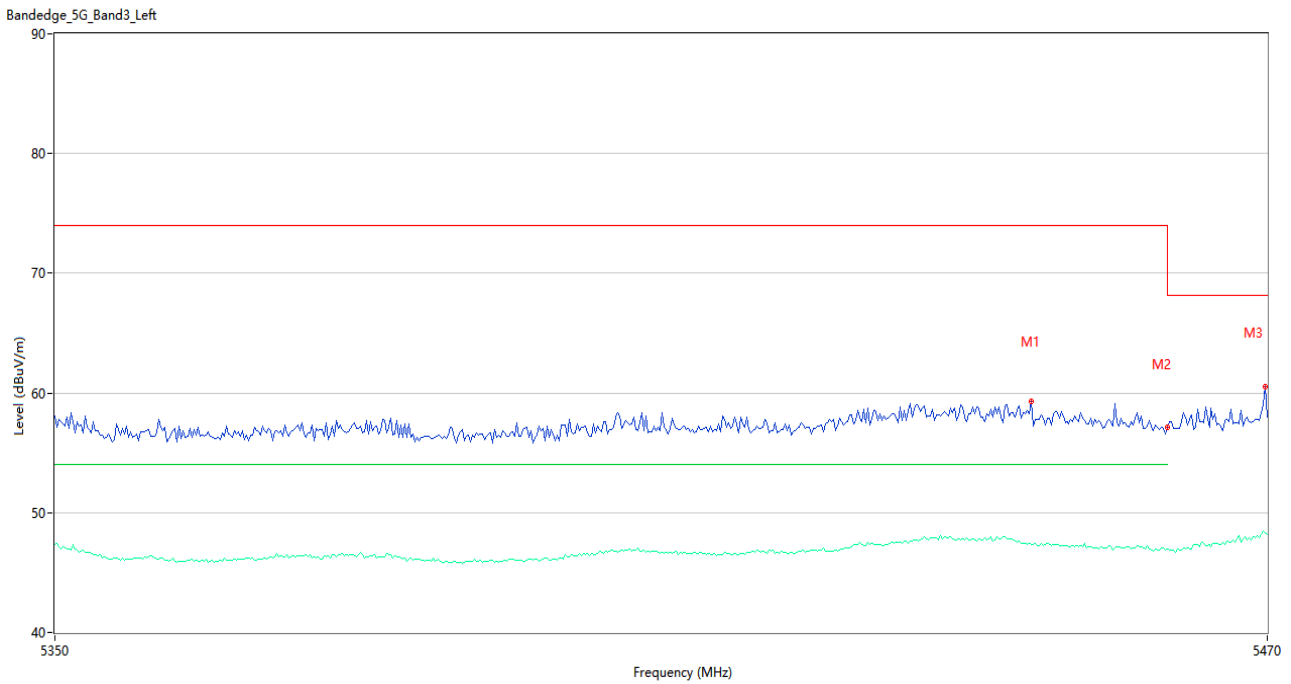
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5437.200	59.53	5.09	74.0	-14.47	Peak	41.00	150	Horizontal	Pass
1**	5437.200	47.89	5.09	54.0	-6.11	AV	41.00	150	Horizontal	Pass
2	5460.000	57.67	4.23	74.0	-16.33	Peak	227.00	150	Horizontal	Pass
2**	5460.000	46.51	4.23	54.0	-7.49	AV	227.00	150	Horizontal	Pass
3	5460.400	58.01	4.19	68.2	-10.19	Peak	229.00	100	Horizontal	Pass
3**	5460.400	46.55	4.19	--	--	AV	229.00	100	Horizontal	N/A
4	5469.800	57.06	3.78	68.2	-11.14	Peak	63.00	100	Horizontal	Pass
4**	5469.800	46.34	3.78	--	--	AV	63.00	100	Horizontal	N/A

U-NII-2C 11ac20 CH140



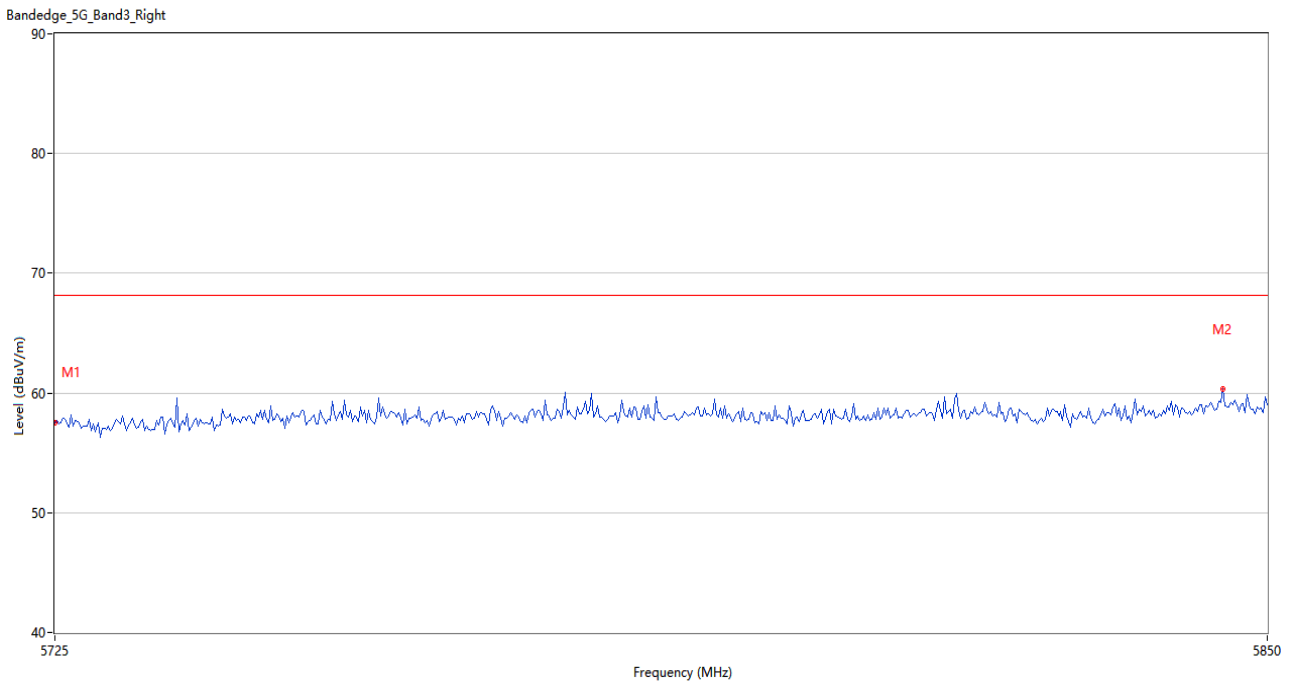
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.33	4.45	68.2	-10.87	Peak	311.00	200	Horizontal	Pass
2	5844.375	60.73	5.81	68.2	-7.47	Peak	327.00	150	Horizontal	Pass

U-NII-2C 11ac40 CH102



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5446.400	59.28	4.50	74.0	-14.72	Peak	7.00	200	Horizontal	Pass
1**	5446.400	47.31	4.50	54.0	-6.69	AV	7.00	200	Horizontal	Pass
2	5460.000	57.11	4.23	74.0	-16.89	Peak	332.00	100	Horizontal	Pass
2**	5460.000	46.99	4.23	54.0	-7.01	AV	332.00	100	Horizontal	Pass
3	5469.800	60.56	3.78	68.2	-7.64	Peak	259.00	150	Horizontal	Pass
3**	5469.800	48.29	3.78	--	--	AV	259.00	150	Horizontal	N/A

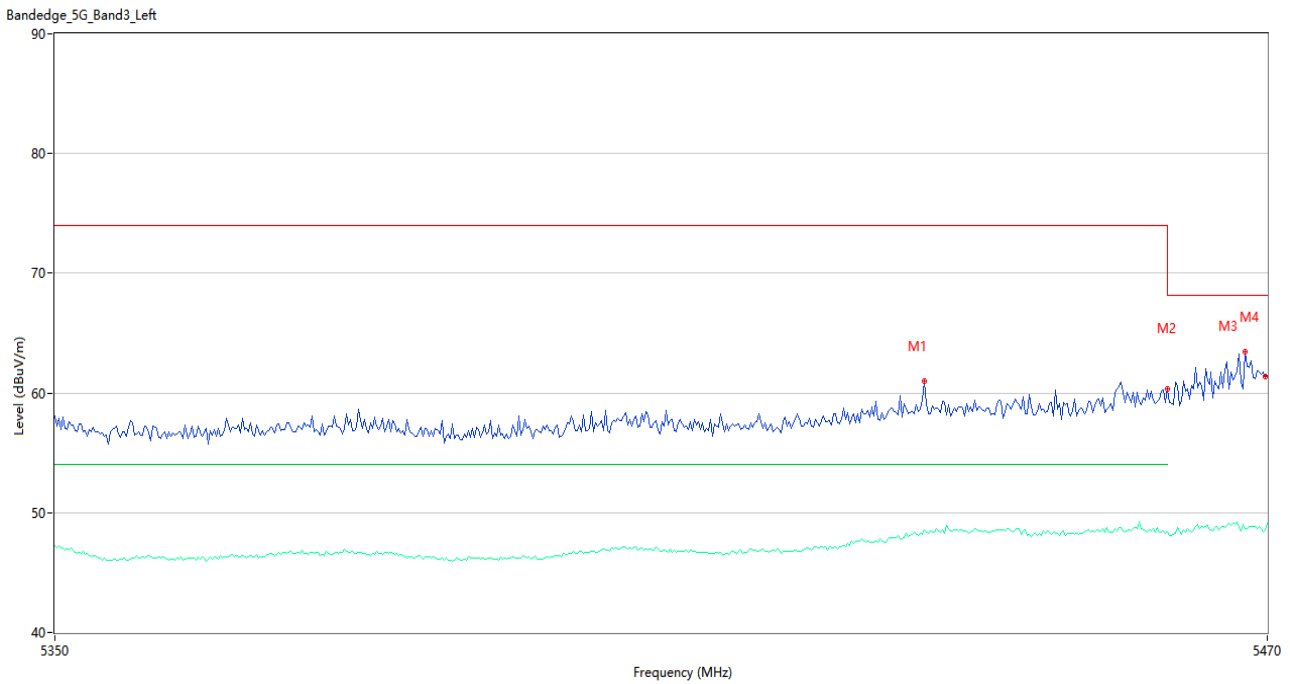
U-NII-2C 11ac40 CH134



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.52	4.45	68.2	-10.68	Peak	346.00	100	Horizontal	Pass
2	5845.416	60.36	5.77	68.2	-7.84	Peak	4.00	200	Horizontal	Pass

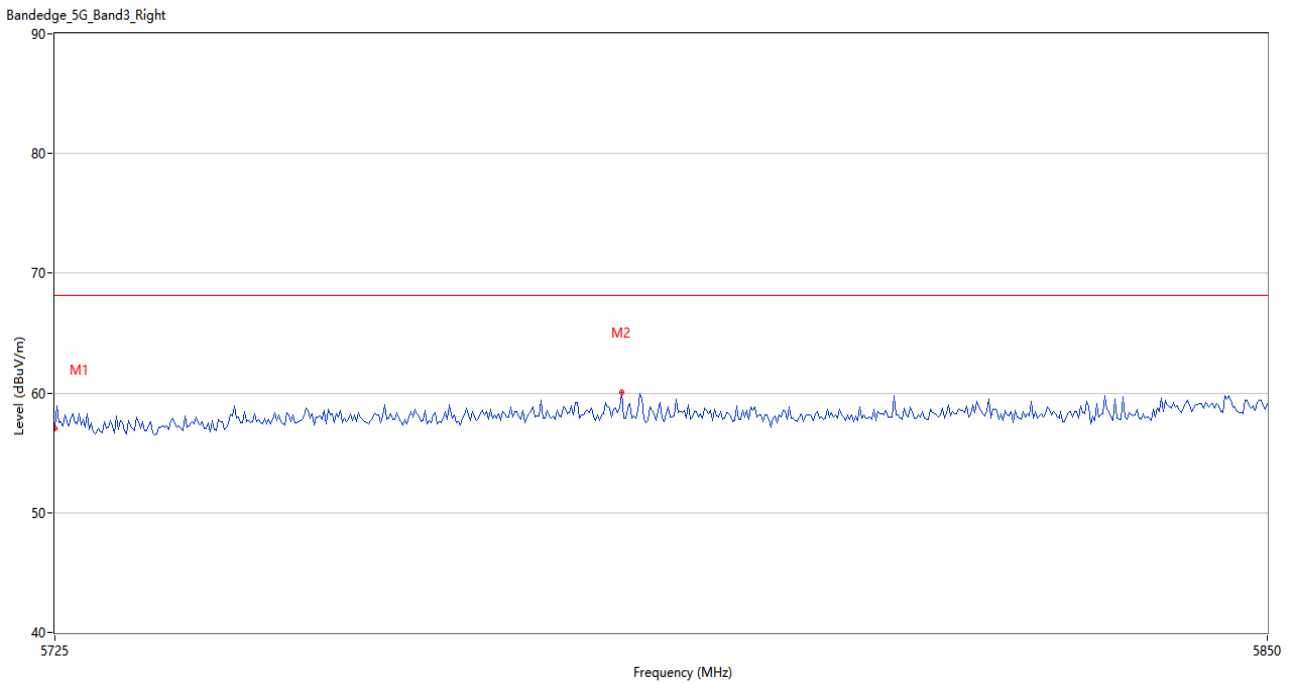


U-NII-2C 11ac80 CH106



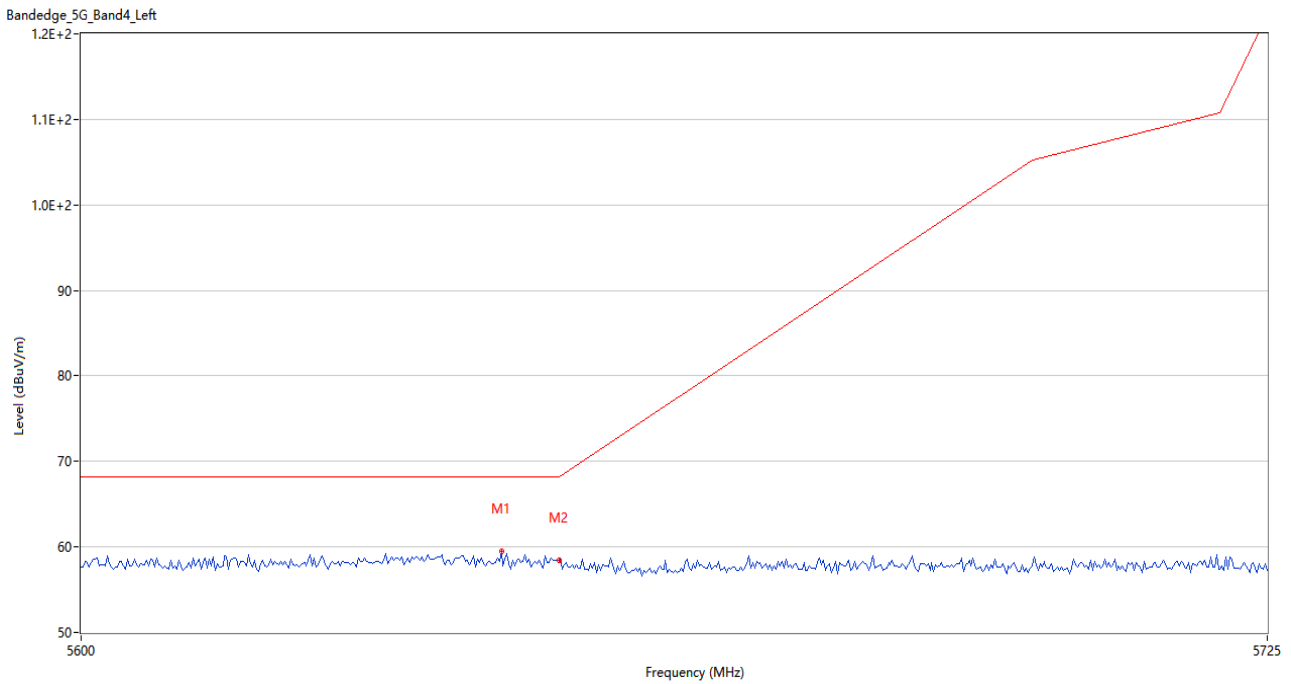
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5435.800	61.03	5.02	74.0	-12.97	Peak	340.00	100	Horizontal	Pass
1**	5435.800	48.57	5.02	54.0	-5.43	AV	340.00	100	Horizontal	Pass
2	5460.000	60.38	4.23	74.0	-13.62	Peak	340.00	100	Horizontal	Pass
2**	5460.000	48.41	4.23	54.0	-5.59	AV	340.00	100	Horizontal	Pass
3	5467.800	63.42	3.94	68.2	-4.78	Peak	336.00	150	Horizontal	Pass
3**	5467.800	48.65	3.94	--	--	AV	336.00	150	Horizontal	N/A
4	5469.800	61.33	3.78	68.2	-6.87	Peak	233.00	150	Horizontal	Pass
4**	5469.800	48.56	3.78	--	--	AV	233.00	150	Horizontal	N/A

U-NII-2C 11ac80 CH122



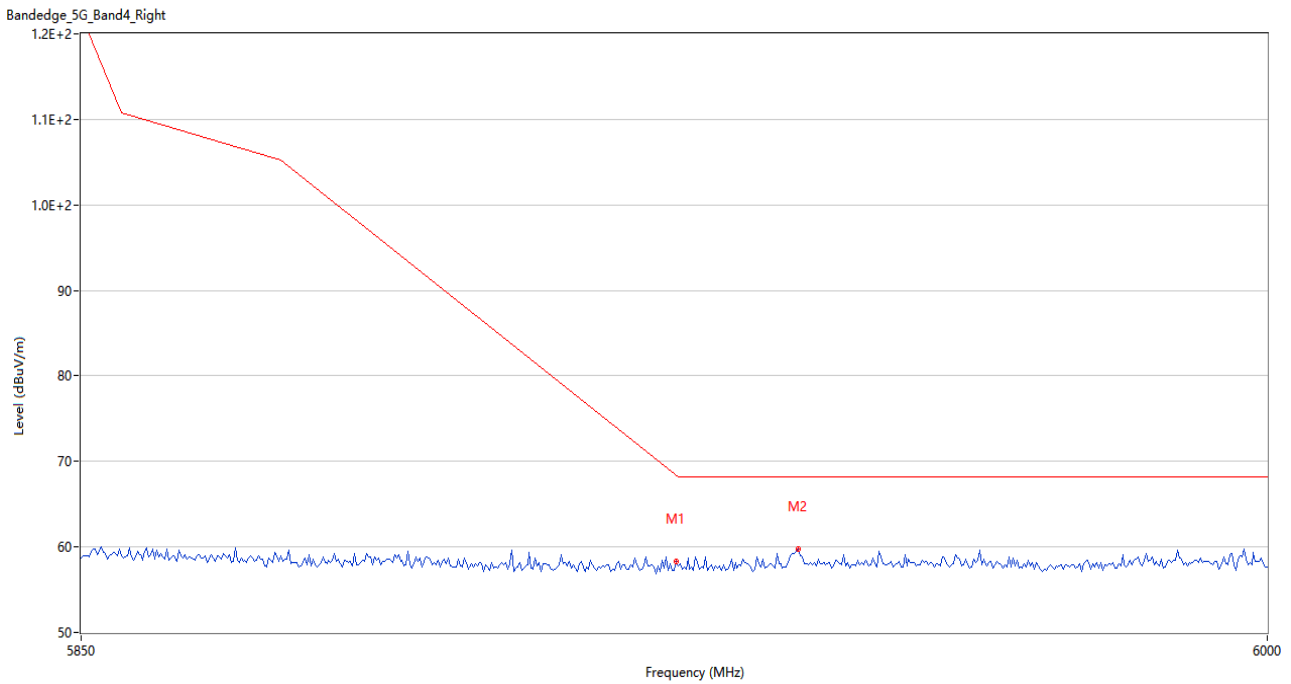
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.03	4.45	68.2	-11.17	Peak	59.00	200	Horizontal	Pass
2	5783.125	60.04	4.68	68.2	-8.16	Peak	298.00	100	Horizontal	Pass

U-NII-3 11a CH149



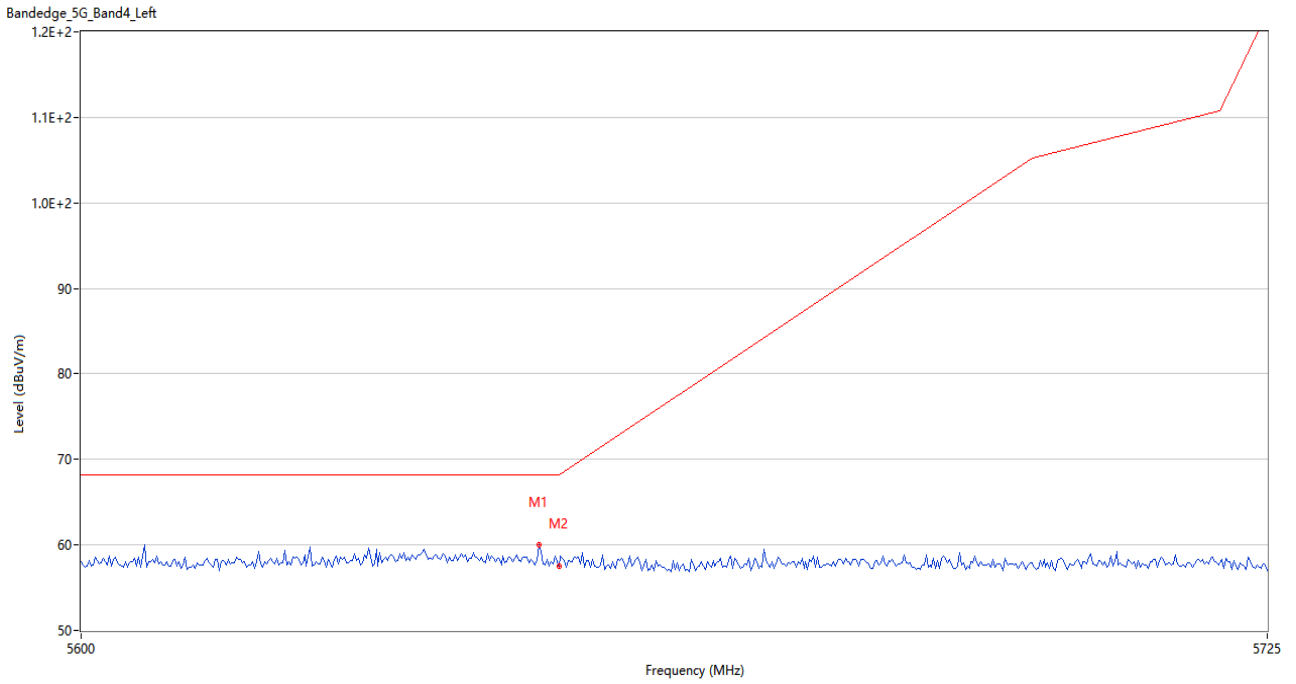
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5643.958	59.47	5.05	68.2	-8.73	Peak	0.00	150	Horizontal	Pass
2	5650.000	58.43	4.91	68.2	-9.77	Peak	245.00	150	Horizontal	Pass

U-NII-3 11a CH165



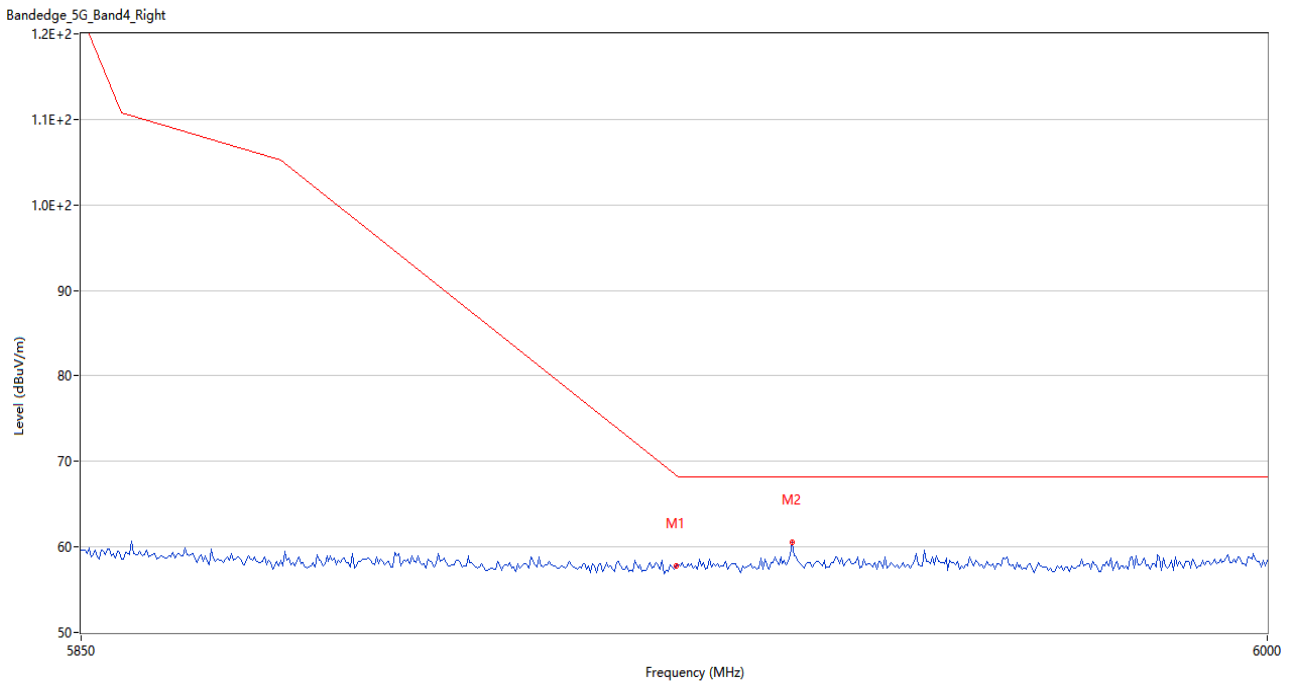
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	58.27	4.24	68.4	-10.13	Peak	257.00	200	Horizontal	Pass
2	5940.250	59.75	4.62	68.2	-8.45	Peak	69.00	100	Horizontal	Pass

U-NII-3 11n20 CH149



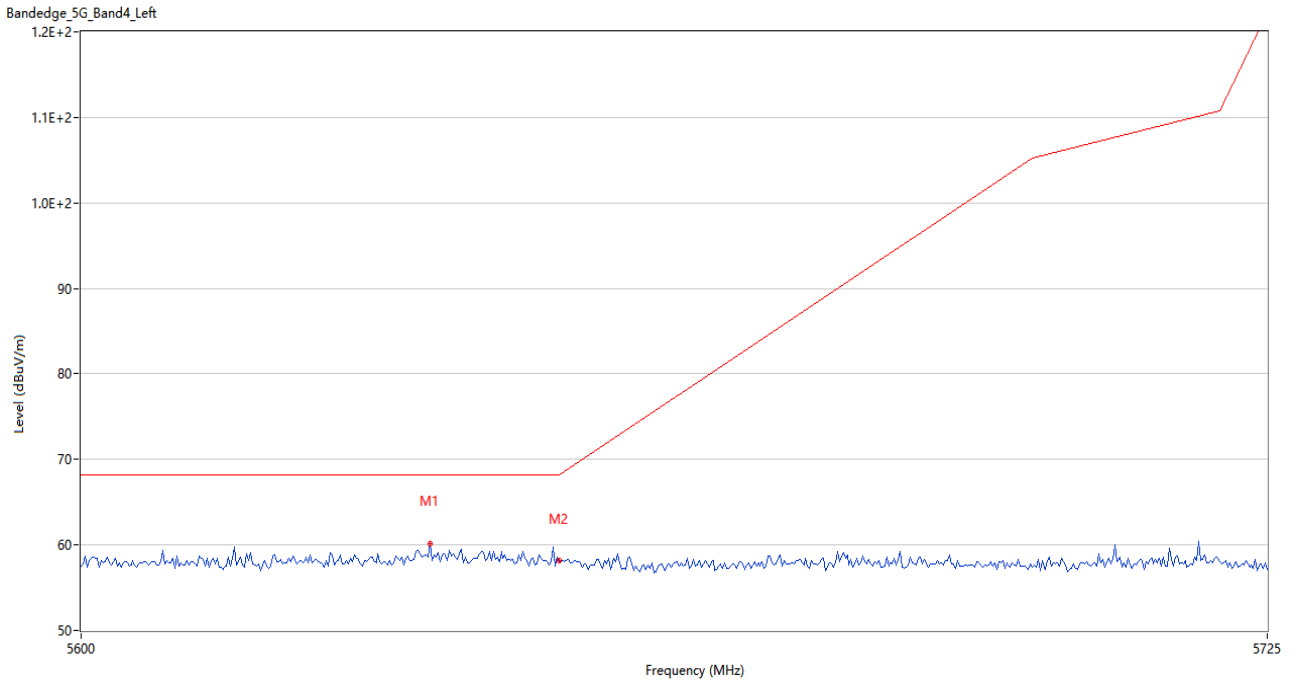
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.917	60.03	4.92	68.2	-8.17	Peak	65.00	100	Horizontal	Pass
2	5650.000	57.52	4.91	68.2	-10.68	Peak	141.00	200	Horizontal	Pass

U-NII-3 11n20 CH165



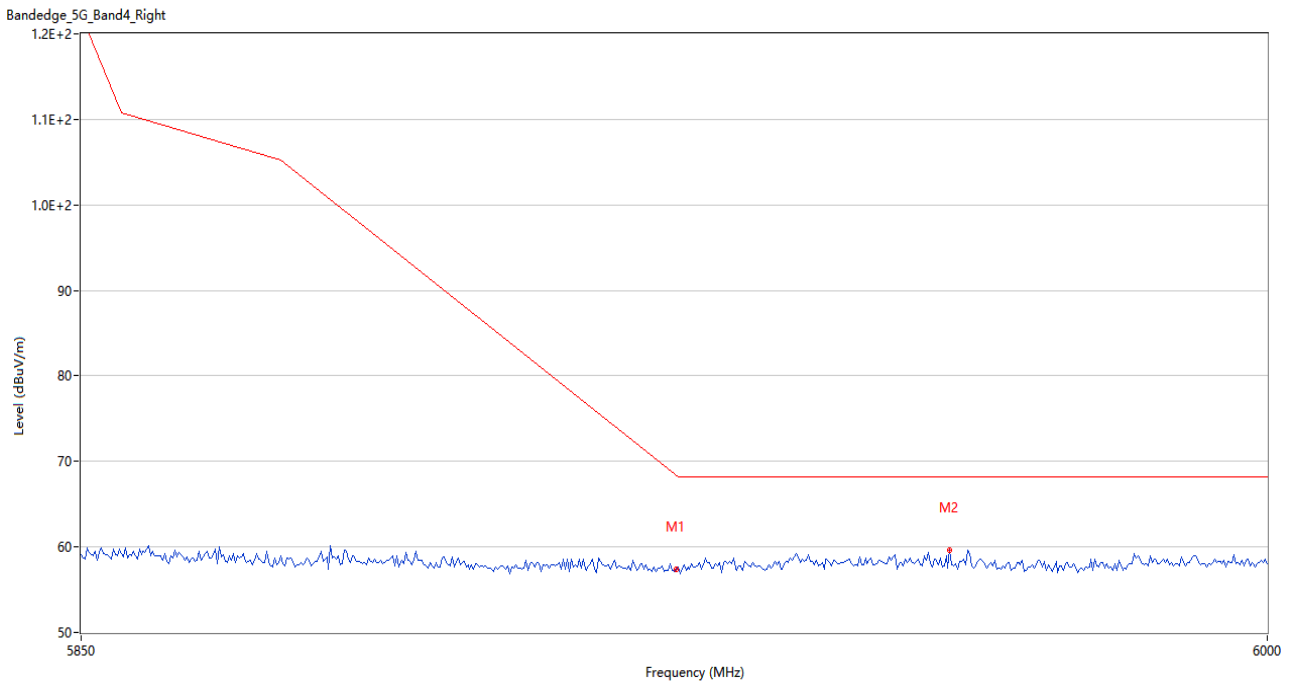
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.73	4.24	68.4	-10.67	Peak	229.00	100	Horizontal	Pass
2	5939.500	60.55	4.54	68.2	-7.65	Peak	211.00	150	Horizontal	Pass

U-NII-3 11n40 CH151



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5636.458	60.12	5.50	68.2	-8.08	Peak	275.00	100	Horizontal	Pass
2	5650.000	58.11	4.91	68.2	-10.09	Peak	87.00	200	Horizontal	Pass

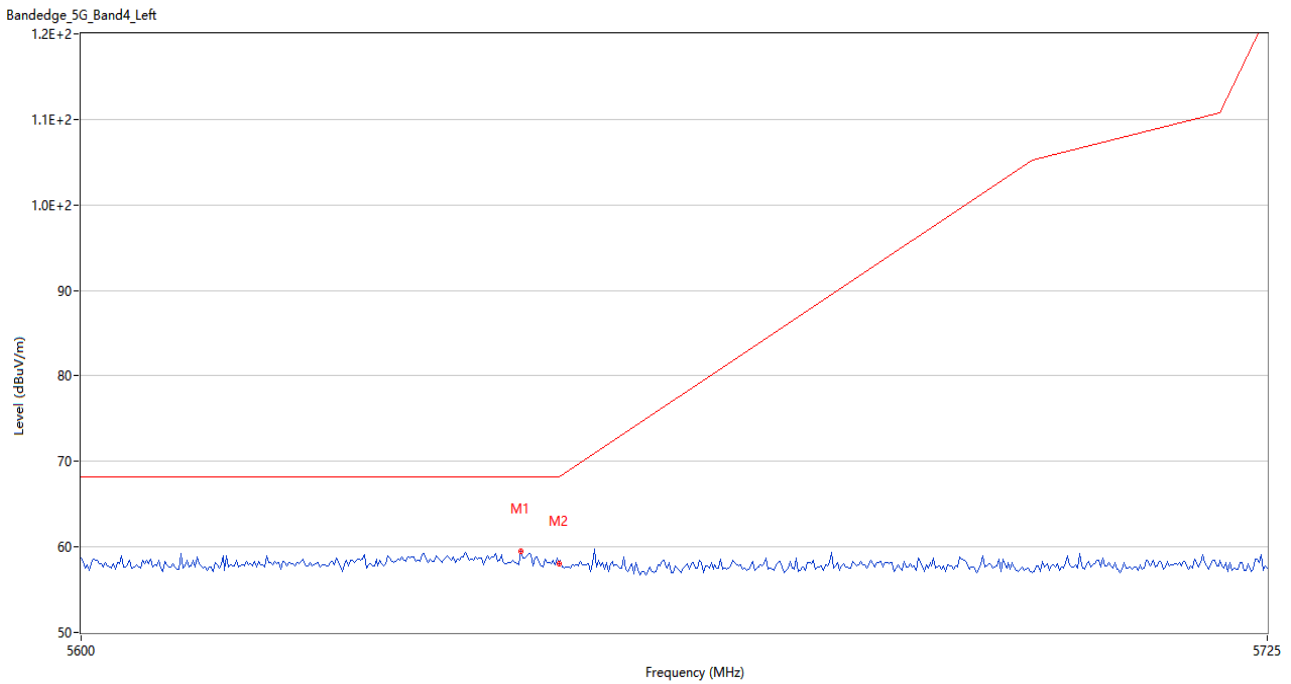
U-NII-3 11n40 CH159



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.36	4.24	68.4	-11.04	Peak	360.00	150	Horizontal	Pass
2	5959.500	59.68	4.64	68.2	-8.52	Peak	175.00	200	Horizontal	Pass

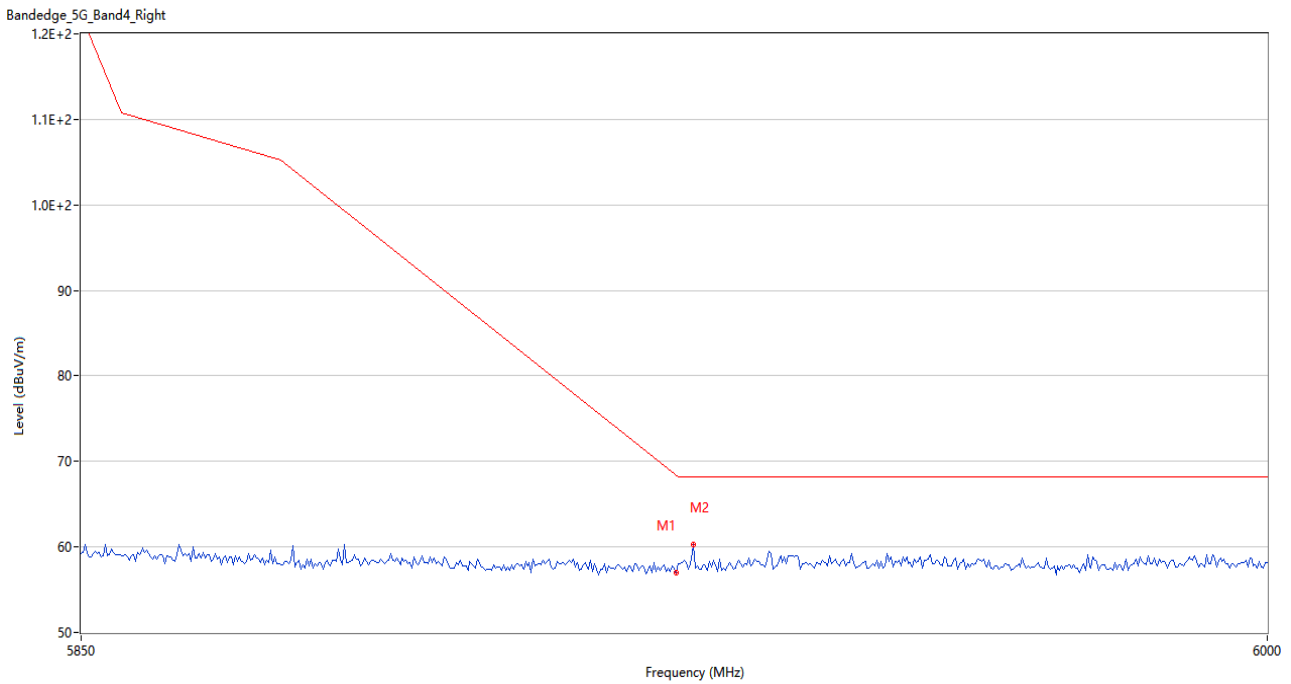


U-NII-3 11ac20 CH149



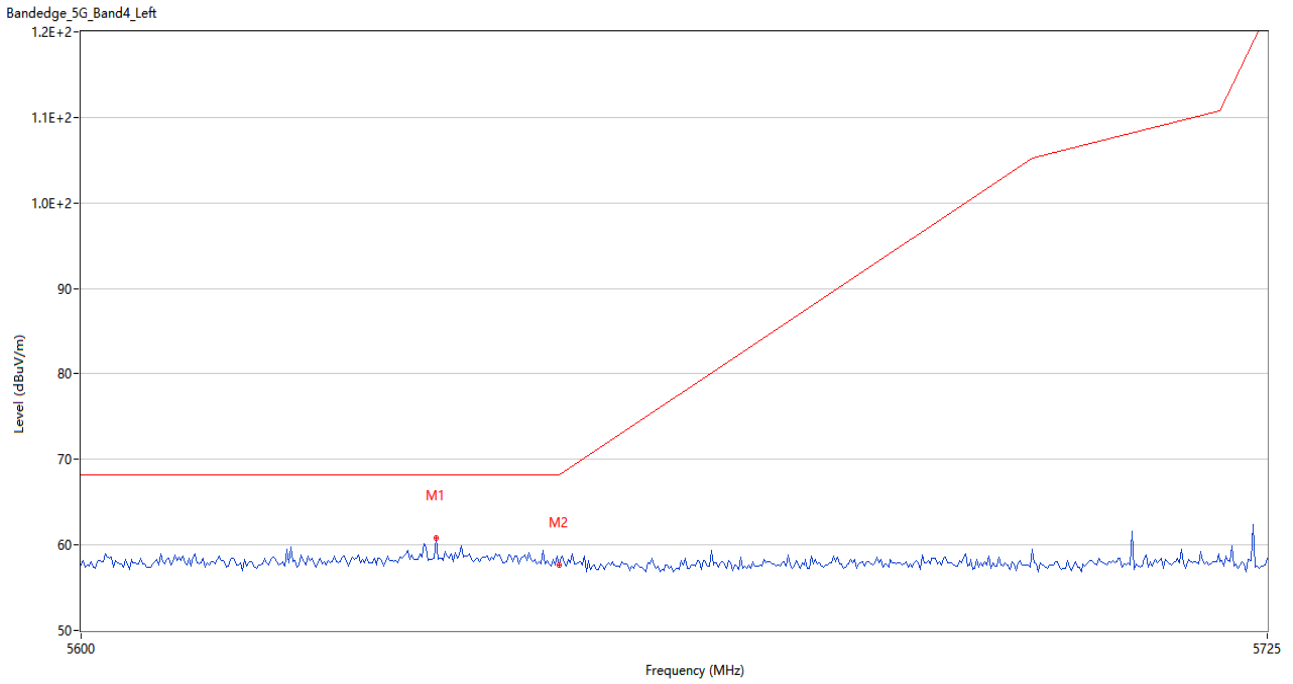
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.042	59.50	5.11	68.2	-8.70	Peak	12.00	200	Horizontal	Pass
2	5650.000	58.03	4.91	68.2	-10.17	Peak	167.00	150	Horizontal	Pass

U-NII-3 11ac20 CH165



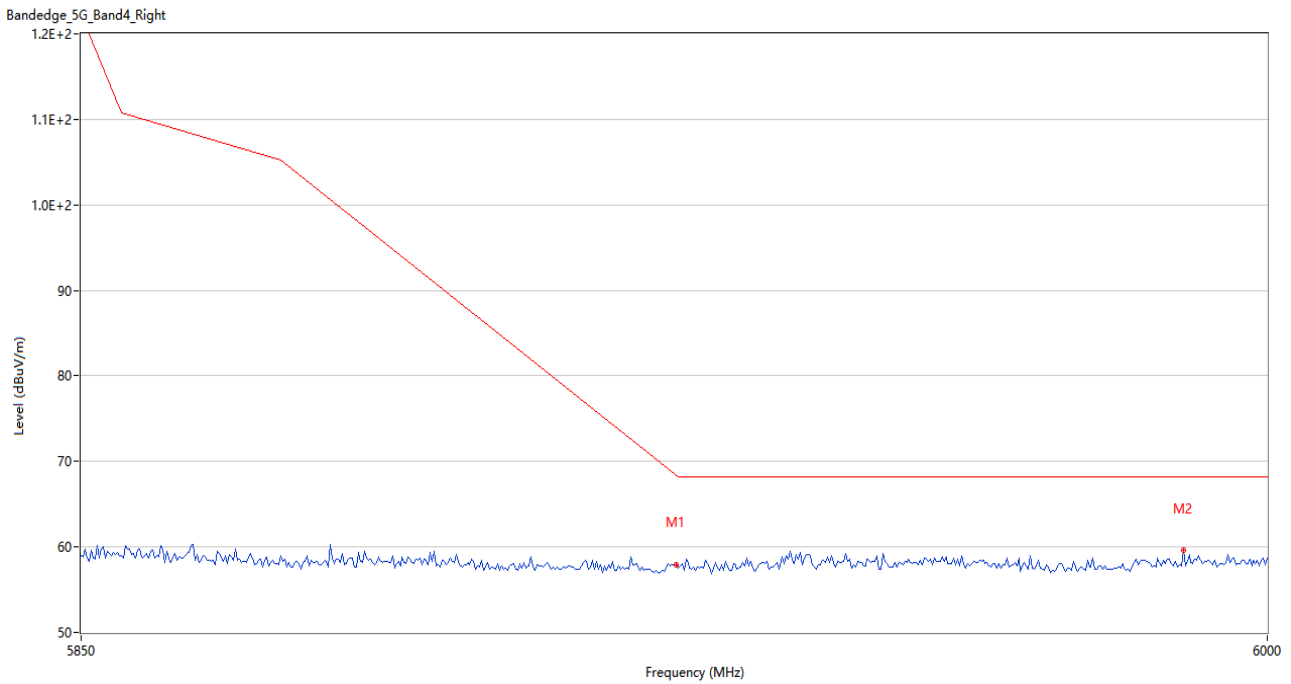
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	56.94	4.24	68.4	-11.46	Peak	307.00	200	Horizontal	Pass
2	5927.000	60.27	4.38	68.2	-7.93	Peak	333.00	100	Horizontal	Pass

U-NII-3 11ac40 CH151



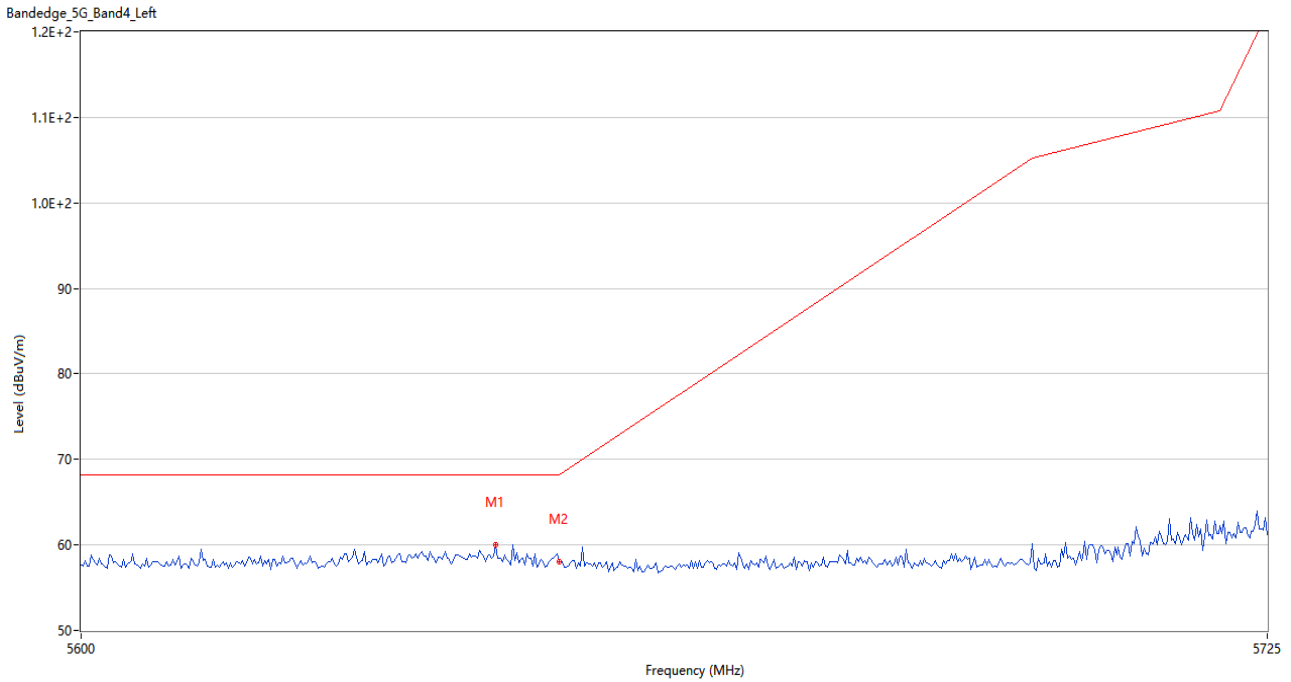
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5637.084	60.86	5.47	68.2	-7.34	Peak	113.00	200	Horizontal	Pass
2	5650.000	57.66	4.91	68.2	-10.54	Peak	65.00	150	Horizontal	Pass

U-NII-3 11ac40 CH159



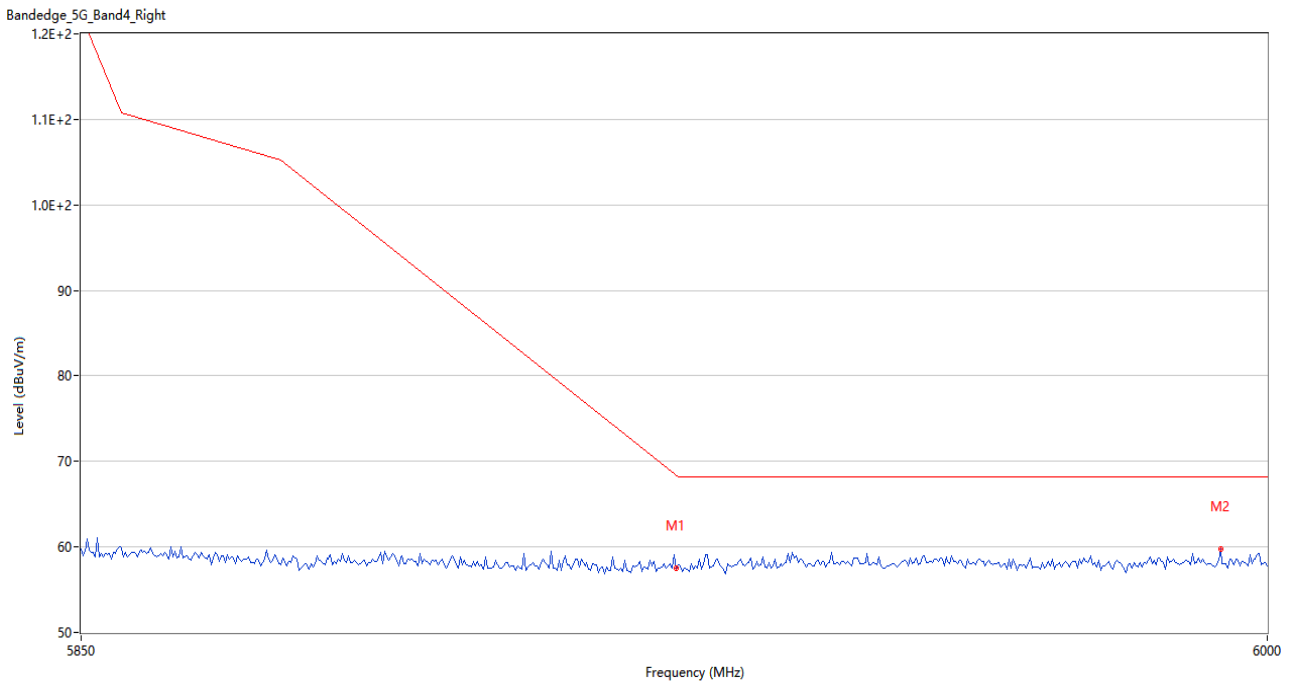
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.92	4.24	68.4	-10.48	Peak	187.00	150	Horizontal	Pass
2	5989.250	59.56	5.12	68.2	-8.64	Peak	119.00	200	Horizontal	Pass

U-NII-3 11ac80 CH155



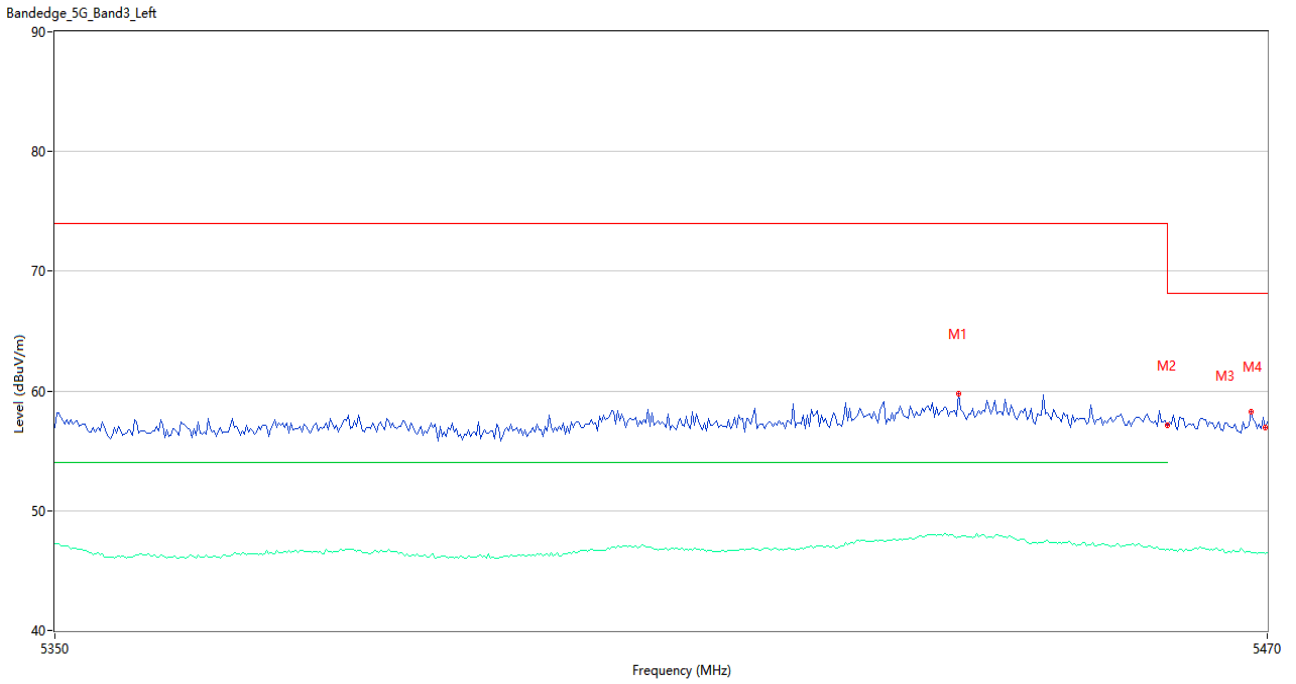
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5643.334	60.07	5.12	68.2	-8.13	Peak	103.00	200	Horizontal	Pass
2	5650.000	58.10	4.91	68.2	-10.10	Peak	0.00	100	Horizontal	Pass

U-NII-3 11ac80 CH155



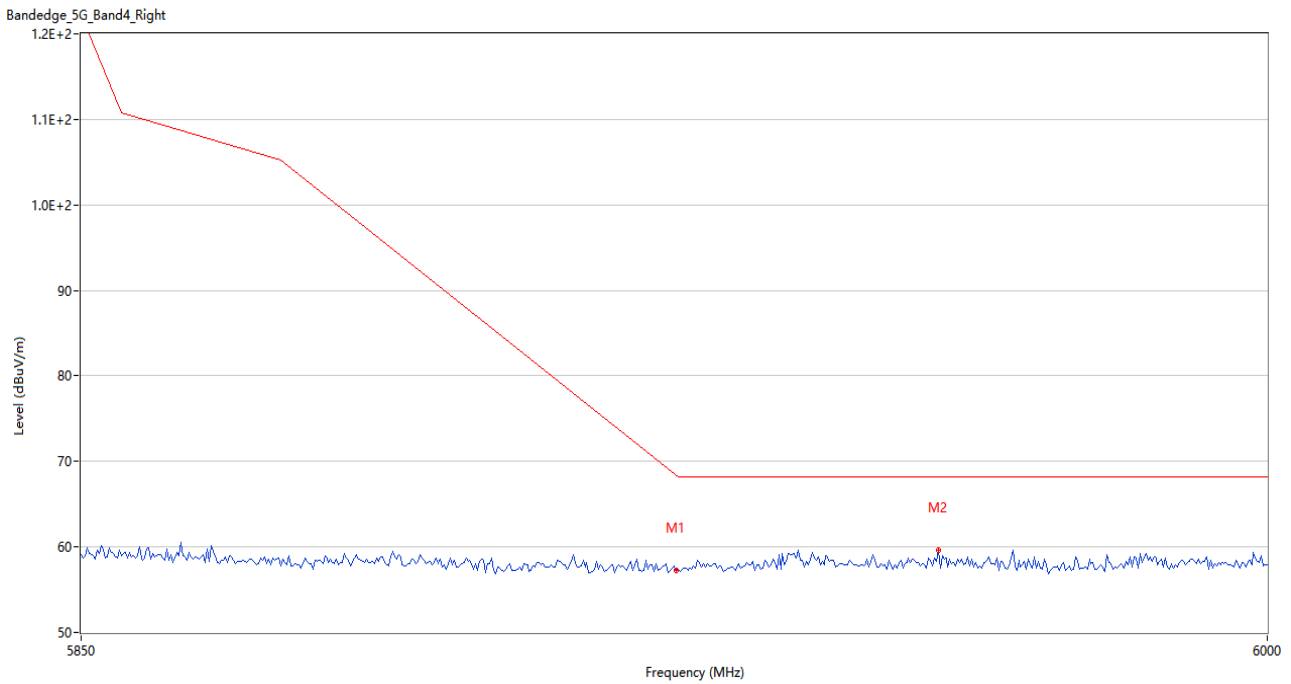
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.57	4.24	68.4	-10.83	Peak	361.00	100	Horizontal	Pass
2	5994.000	59.76	5.28	68.2	-8.44	Peak	17.00	100	Horizontal	Pass

U-NII-2C & U-NII-3 11a CH144



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5439.200	59.77	5.01	74.0	-14.23	Peak	88.00	200	Horizontal	Pass
1**	5439.200	47.78	5.01	54.0	-6.22	AV	88.00	200	Horizontal	Pass
2	5460.000	57.17	4.23	74.0	-16.83	Peak	34.00	100	Horizontal	Pass
2**	5460.000	46.81	4.23	54.0	-7.19	AV	34.00	100	Horizontal	Pass
3	5468.400	58.31	3.89	68.2	-9.89	Peak	134.00	150	Horizontal	Pass
3**	5468.400	46.52	3.89	--	--	AV	134.00	150	Horizontal	N/A
4	5469.800	56.92	3.78	68.2	-11.28	Peak	299.00	200	Horizontal	Pass
4**	5469.800	46.39	3.78	--	--	AV	299.00	200	Horizontal	N/A

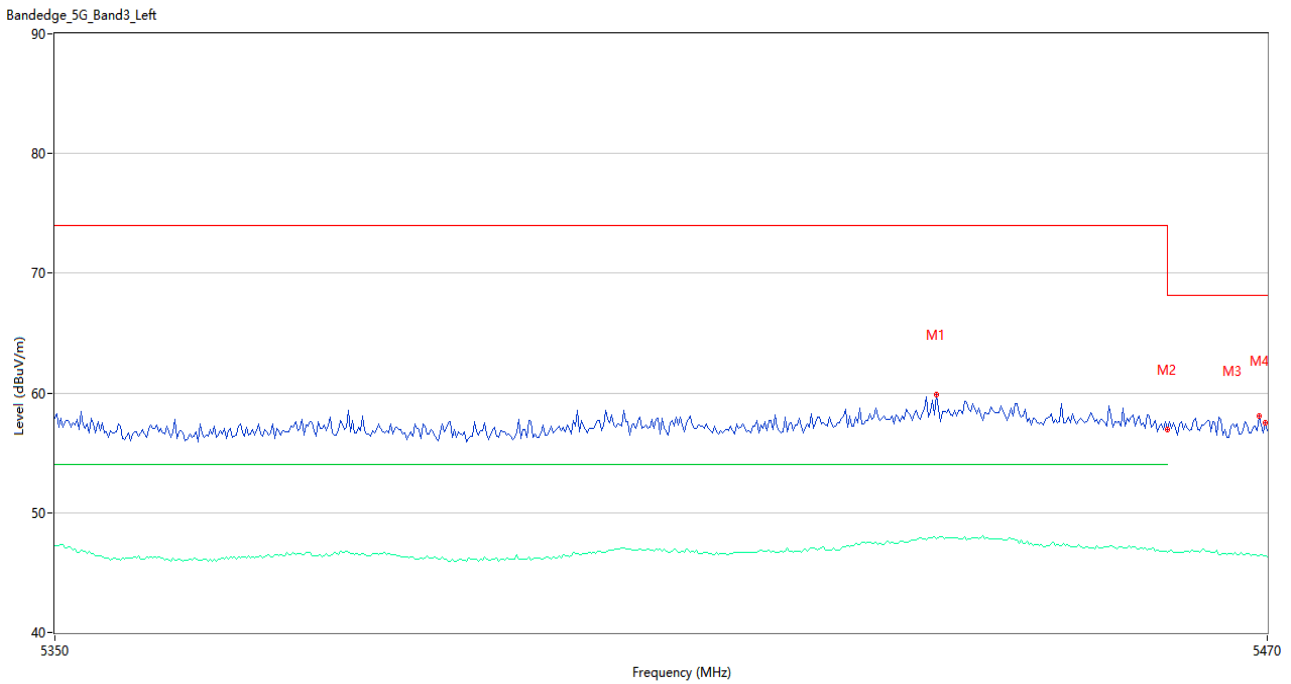
U-NII-2C & U-NII-3 11a CH144



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.21	4.24	68.4	-11.19	Peak	35.00	200	Horizontal	Pass
2	5958.000	59.67	4.68	68.2	-8.53	Peak	241.00	150	Horizontal	Pass

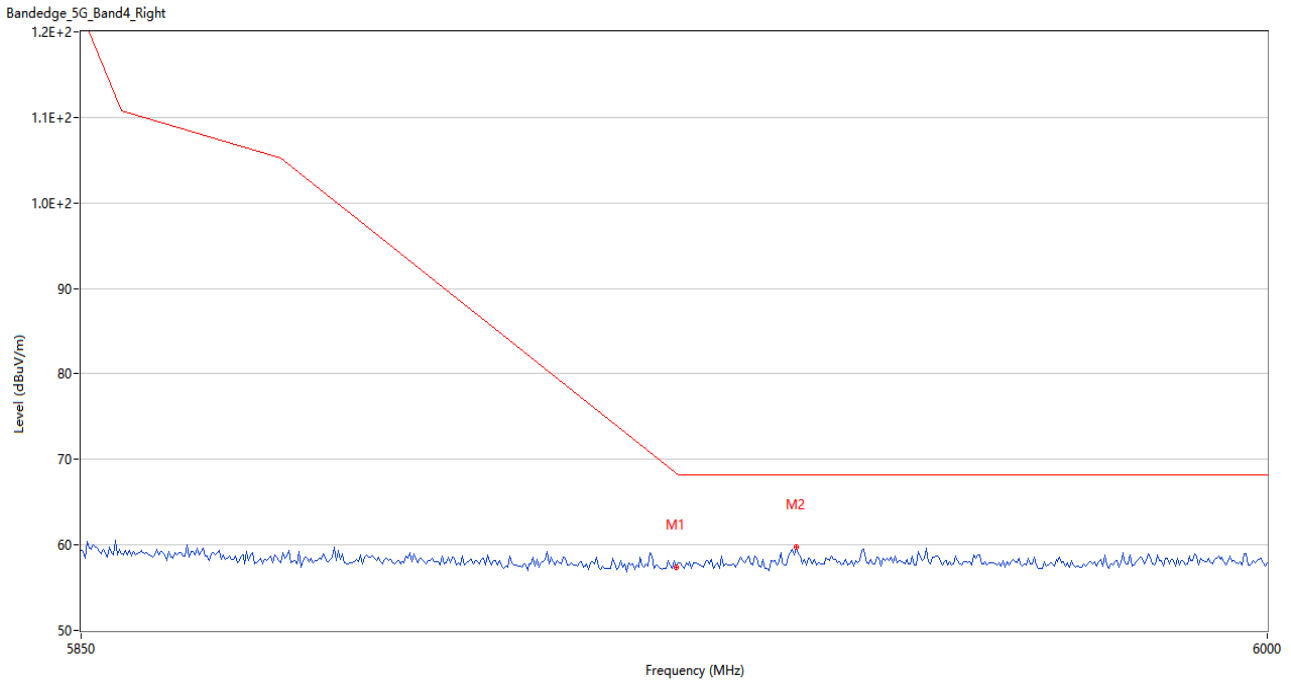


U-NII-2C & U-NII-3 11n20 CH144



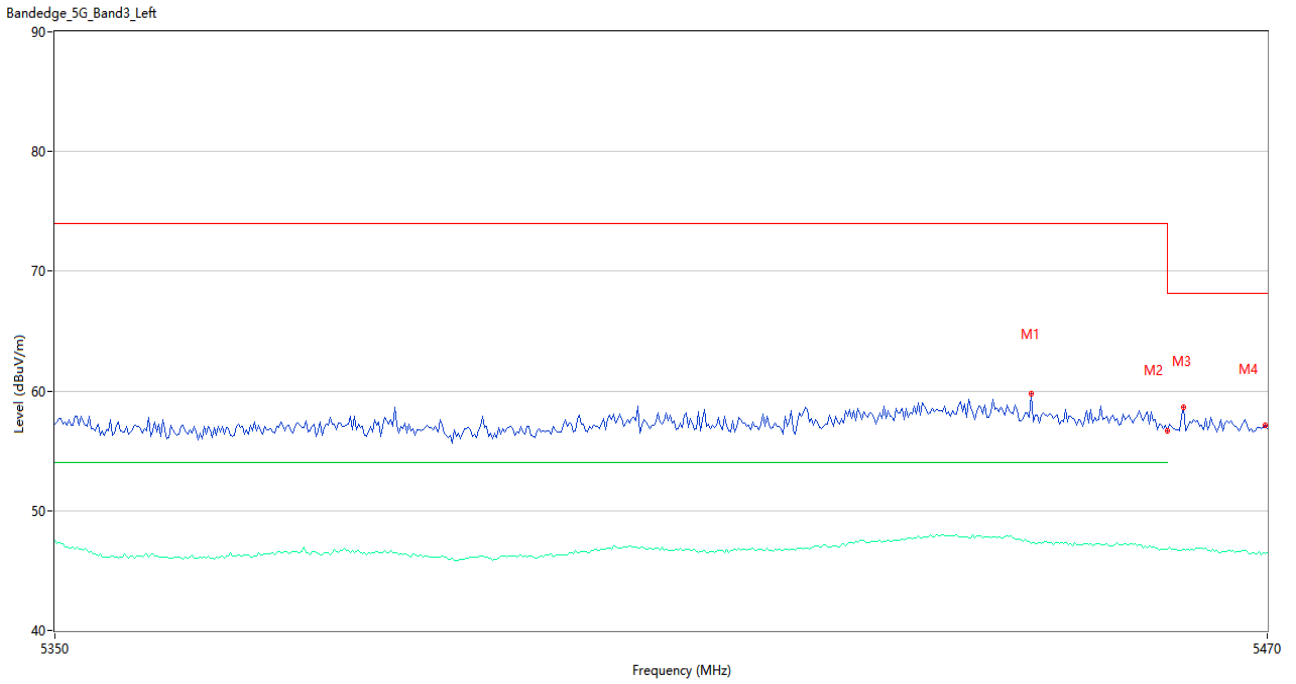
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5437.000	59.84	5.08	74.0	-14.16	Peak	0.00	100	Horizontal	Pass
1**	5437.000	47.81	5.08	54.0	-6.19	AV	0.00	100	Horizontal	Pass
2	5460.000	56.99	4.23	74.0	-17.01	Peak	153.00	150	Horizontal	Pass
2**	5460.000	46.69	4.23	54.0	-7.31	AV	153.00	150	Horizontal	Pass
3	5469.200	58.09	3.83	68.2	-10.11	Peak	18.00	200	Horizontal	Pass
3**	5469.200	46.38	3.83	--	--	AV	18.00	200	Horizontal	N/A
4	5469.800	57.49	3.78	68.2	-10.71	Peak	283.00	200	Horizontal	Pass
4**	5469.800	46.36	3.78	--	--	AV	283.00	200	Horizontal	N/A

U-NII-2C & U-NII-3 11n20 CH144



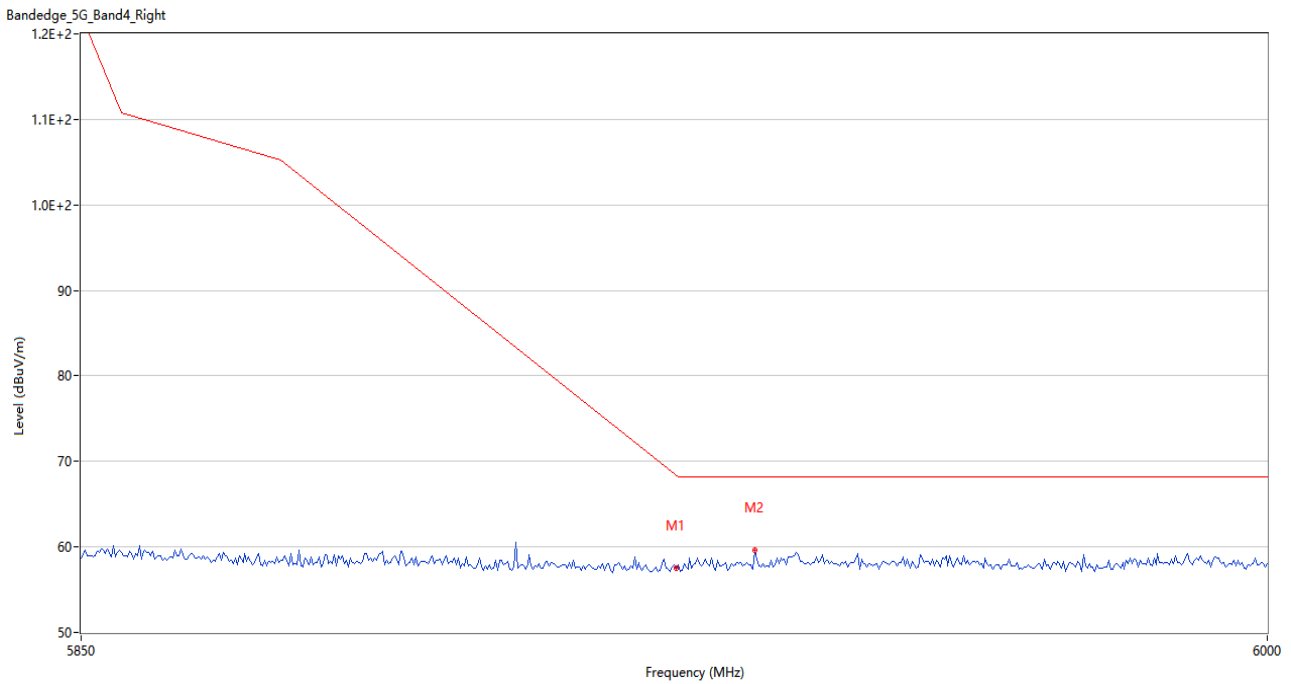
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.36	4.24	68.4	-11.04	Peak	295.00	150	Horizontal	Pass
2	5940.000	59.72	4.59	68.2	-8.48	Peak	248.00	100	Horizontal	Pass

U-NII-2C & U-NII-3 11n40 CH142



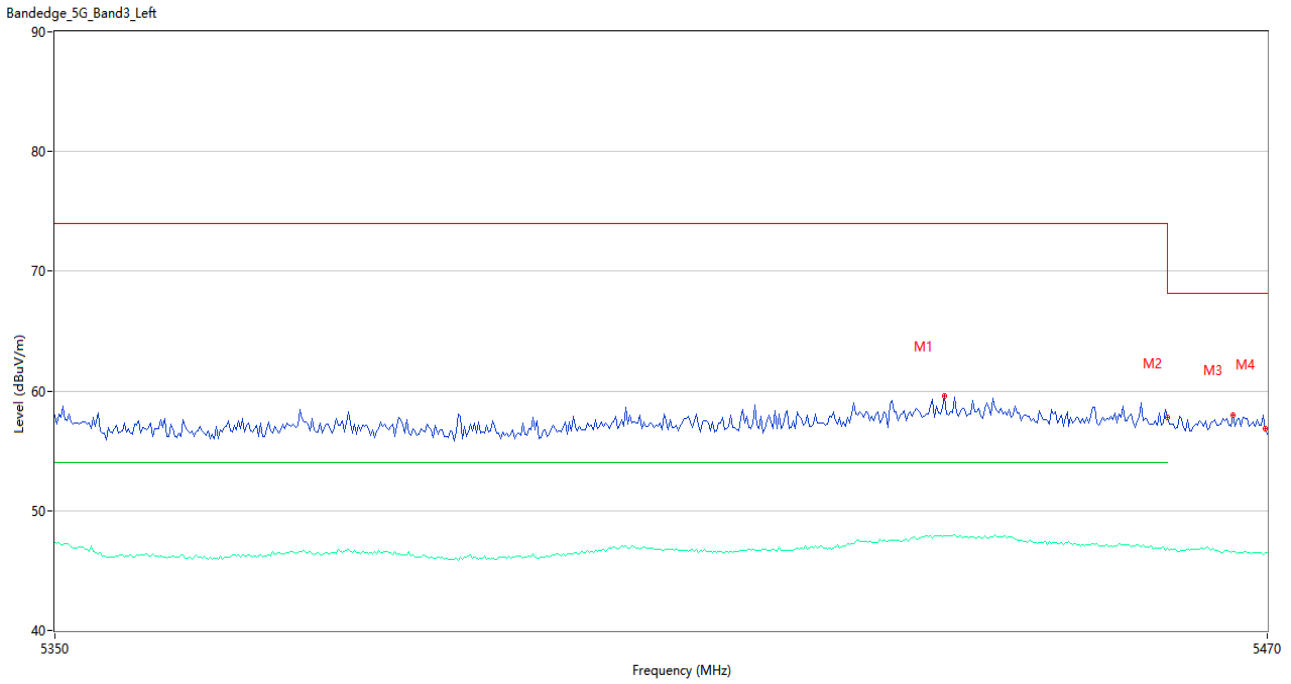
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5446.400	59.81	4.50	74.0	-14.19	Peak	83.00	200	Horizontal	Pass
1**	5446.400	47.27	4.50	54.0	-6.73	AV	83.00	200	Horizontal	Pass
2	5460.000	56.66	4.23	74.0	-17.34	Peak	114.00	200	Horizontal	Pass
2**	5460.000	46.77	4.23	54.0	-7.23	AV	114.00	200	Horizontal	Pass
3	5461.600	58.62	4.13	68.2	-9.58	Peak	227.00	100	Horizontal	Pass
3**	5461.600	46.74	4.13	--	--	AV	227.00	100	Horizontal	N/A
4	5469.800	57.11	3.78	68.2	-11.09	Peak	264.00	150	Horizontal	Pass
4**	5469.800	46.44	3.78	--	--	AV	264.00	150	Horizontal	N/A

U-NII-2C & U-NII-3 11n40 CH142



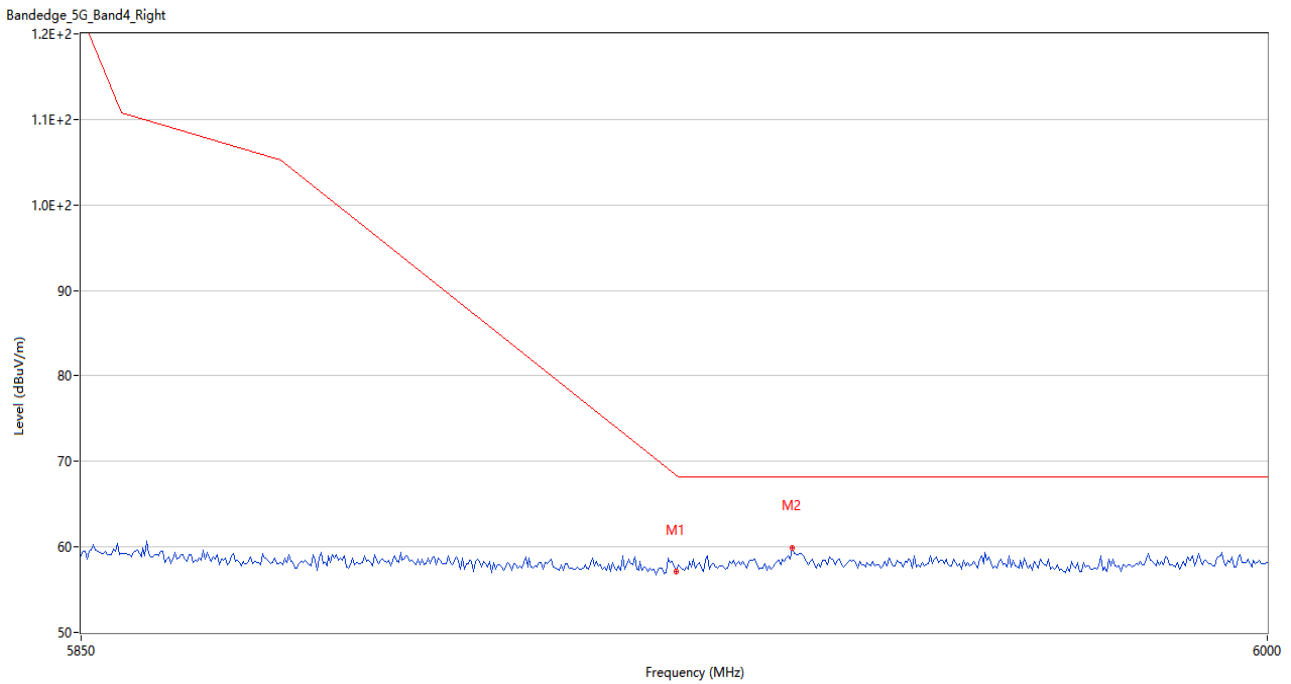
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.55	4.24	68.4	-10.85	Peak	351.00	200	Horizontal	Pass
2	5934.750	59.64	4.44	68.2	-8.56	Peak	284.00	200	Horizontal	Pass

U-NII-2C & U-NII-3 11ac20 CH144



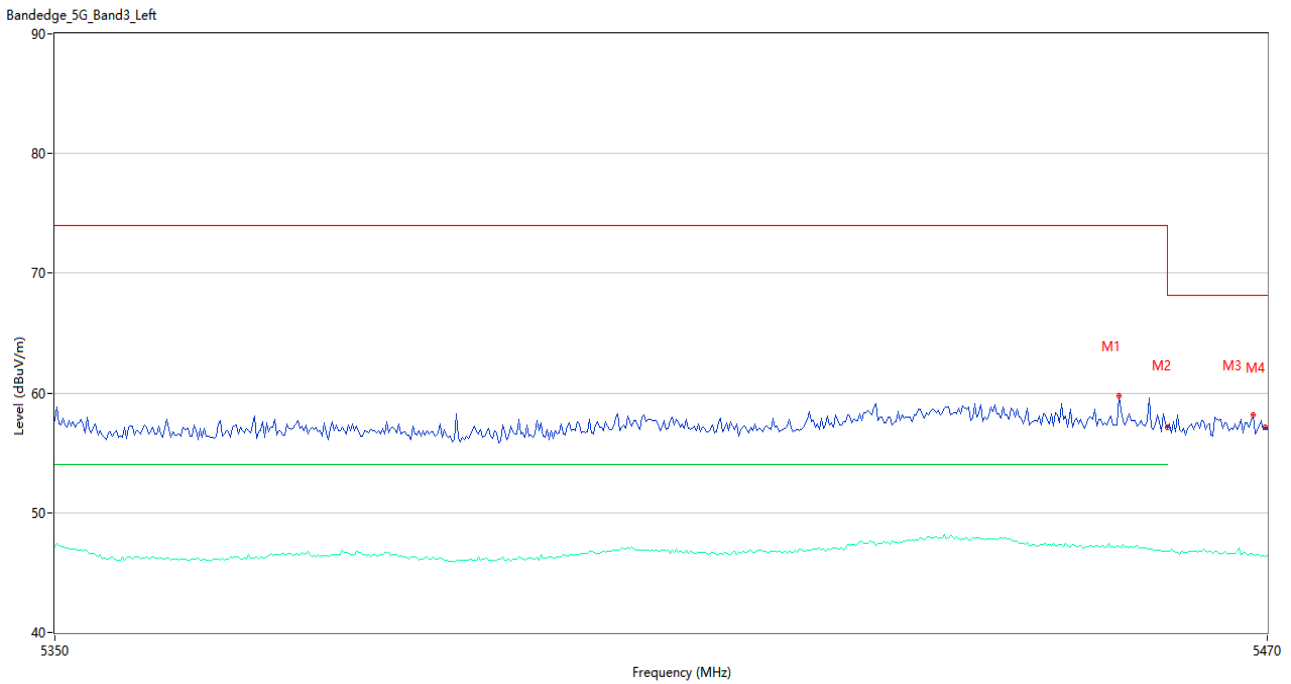
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5437.800	59.60	5.12	74.0	-14.40	Peak	311.00	150	Horizontal	Pass
1**	5437.800	47.90	5.12	54.0	-6.10	AV	311.00	150	Horizontal	Pass
2	5460.000	57.82	4.23	74.0	-16.18	Peak	8.00	100	Horizontal	Pass
2**	5460.000	46.83	4.23	54.0	-7.17	AV	8.00	100	Horizontal	Pass
3	5466.600	57.95	3.98	68.2	-10.25	Peak	60.00	150	Horizontal	Pass
3**	5466.600	46.57	3.98	--	--	AV	60.00	150	Horizontal	N/A
4	5469.800	56.86	3.78	68.2	-11.34	Peak	104.00	150	Horizontal	Pass
4**	5469.800	46.45	3.78	--	--	AV	104.00	150	Horizontal	N/A

U-NII-2C & U-NII-3 11ac20 CH144



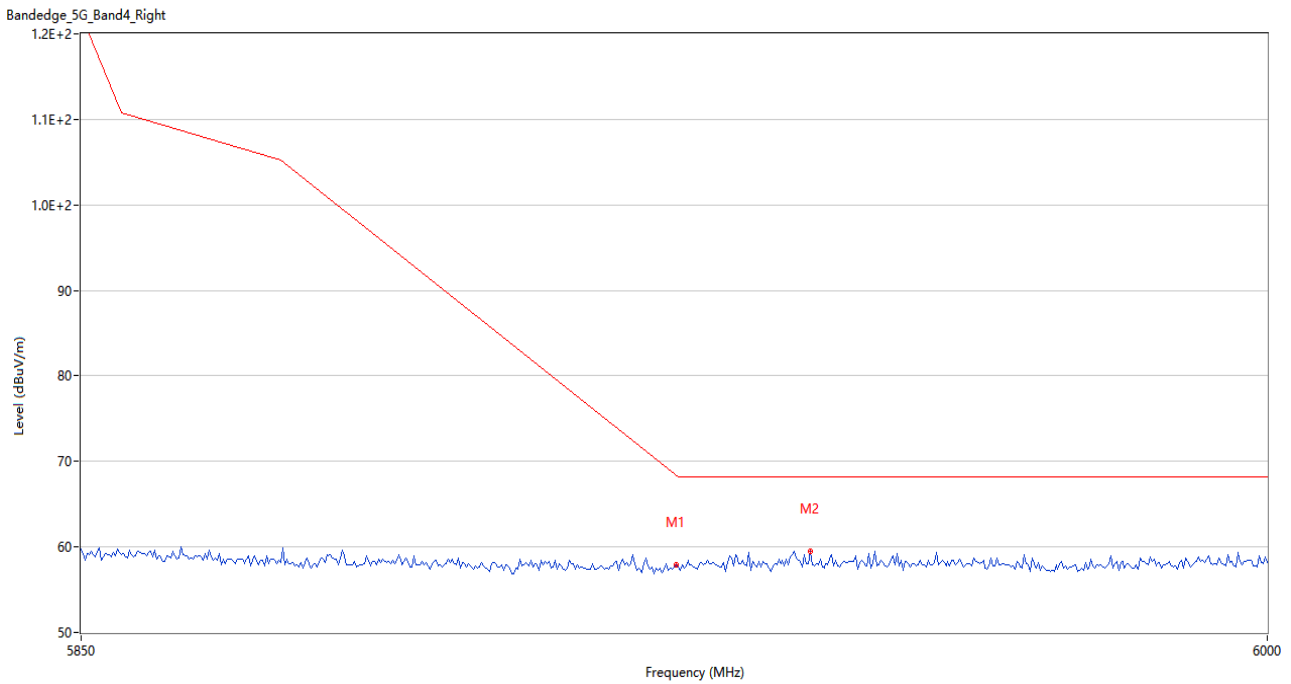
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.06	4.24	68.4	-11.34	Peak	315.00	150	Horizontal	Pass
2	5939.500	59.92	4.54	68.2	-8.28	Peak	5.00	200	Horizontal	Pass

U-NII-2C & U-NII-3 11ac40 CH142



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5455.200	59.76	4.54	74.0	-14.24	Peak	209.00	150	Horizontal	Pass
1**	5455.200	47.18	4.54	54.0	-6.82	AV	209.00	150	Horizontal	Pass
2	5460.000	57.18	4.23	74.0	-16.82	Peak	310.00	200	Horizontal	Pass
2**	5460.000	46.81	4.23	54.0	-7.19	AV	310.00	200	Horizontal	Pass
3	5468.600	58.21	3.88	68.2	-9.99	Peak	156.00	150	Horizontal	Pass
3**	5468.600	46.47	3.88	--	--	AV	156.00	150	Horizontal	N/A
4	5469.800	57.11	3.78	68.2	-11.09	Peak	360.00	200	Horizontal	Pass
4**	5469.800	46.36	3.78	--	--	AV	360.00	200	Horizontal	N/A

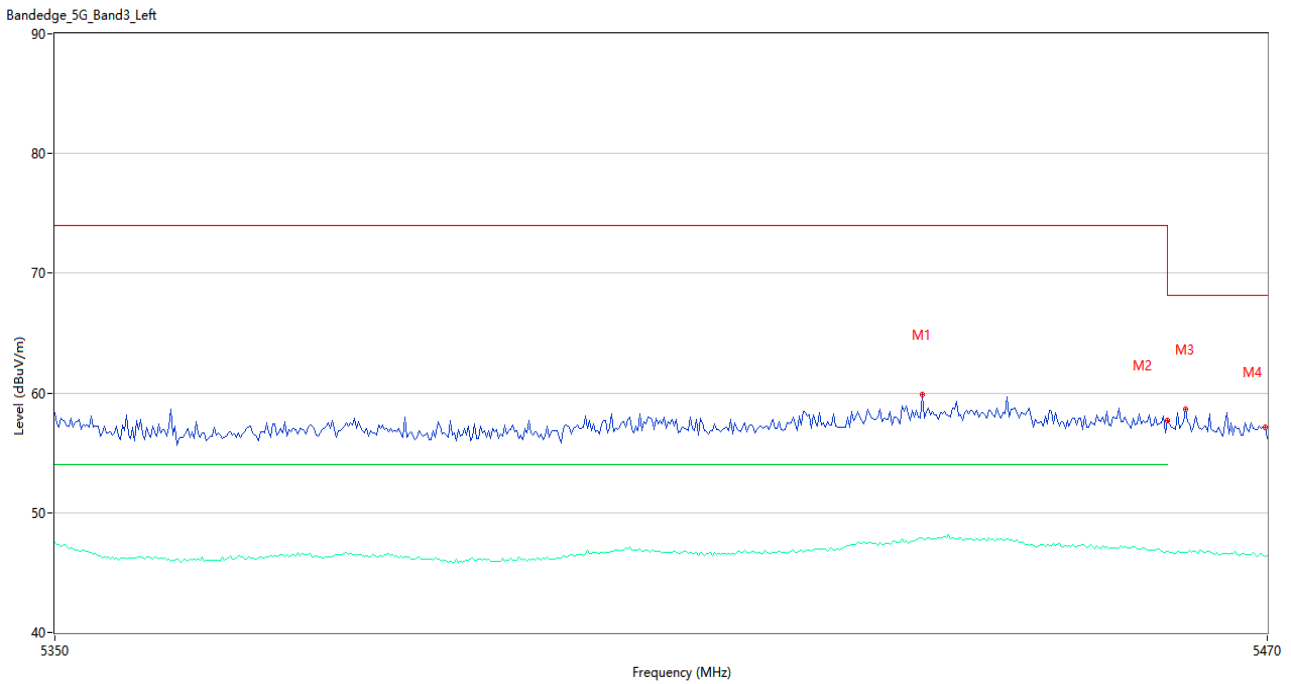
U-NII-2C & U-NII-3 11ac40 CH142



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.97	4.24	68.4	-10.43	Peak	260.00	200	Horizontal	Pass
2	5941.750	59.53	4.73	68.2	-8.67	Peak	40.00	200	Horizontal	Pass

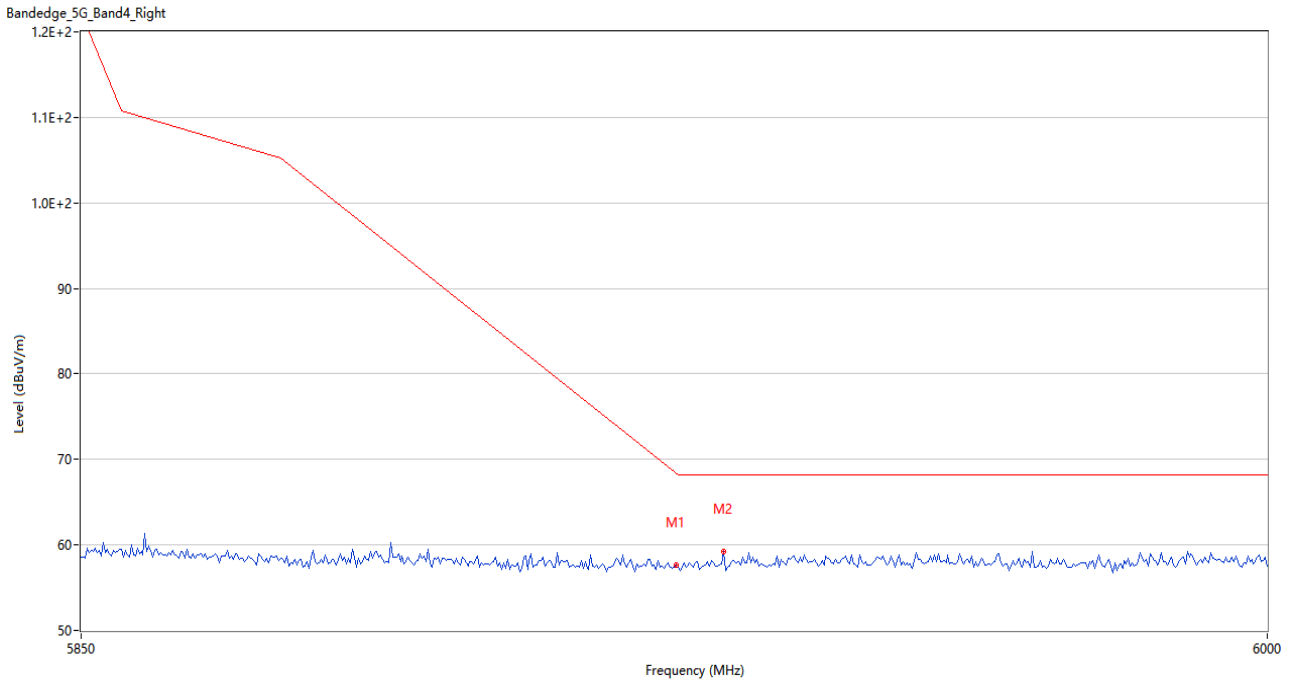


U-NII-2C & U-NII-3 11ac80 CH138



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5435.600	59.82	5.00	74.0	-14.18	Peak	355.00	200	Horizontal	Pass
1**	5435.600	47.89	5.00	54.0	-6.11	AV	355.00	200	Horizontal	Pass
2	5460.000	57.71	4.23	74.0	-16.29	Peak	28.00	200	Horizontal	Pass
2**	5460.000	46.76	4.23	54.0	-7.24	AV	28.00	200	Horizontal	Pass
3	5461.800	58.64	4.15	68.2	-9.56	Peak	118.00	200	Horizontal	Pass
3**	5461.800	46.65	4.15	--	--	AV	118.00	200	Horizontal	N/A
4	5469.800	57.12	3.78	68.2	-11.08	Peak	113.00	200	Horizontal	Pass
4**	5469.800	46.30	3.78	--	--	AV	113.00	200	Horizontal	N/A

U-NII-2C & U-NII-3 11ac80 CH138



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.62	4.24	68.4	-10.78	Peak	359.00	200	Horizontal	Pass
2	5930.750	59.29	4.37	68.2	-8.91	Peak	284.00	100	Horizontal	Pass

## **ANNEX B TEST SETUP PHOTOS**

Please refer the document “BL-SZ2270322-AR.PDF”.

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document “BL-SZ2270322-AW.PDF”.

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document “BL-SZ2270322-AI.PDF”.

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--END OF REPORT--