TEST REPORT

Applicant:	vivo Mobile Communication Co., Ltd.
Address:	No.1, vivo Road, Chang'an, Dongguan, Guangdong, China
Equipment Type:	Mobile Phone
Model Name:	V2332
Brand Name:	vivo
FCC ID:	2AUCY-V2332
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	Jan. 29, 2024
Test Date:	Jan. 31, 2024 - Feb. 29, 2024
Date of Issue:	Mar. 07, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Si Xiao **Checked by:** Ye Hongji **Approved by:** Liao Jianming (Technical Director)

Revision History

Version	Issue Date	Revisions
Rev. 01	Mar. 07, 2024	Initial Issue
Rev. 02	Mar. 07, 2024	Remove test photos.

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	vivo Mobile Communication Co., Ltd.
Address	No.1, vivo Road, Chang'an, Dongguan, Guangdong, China

2.2 Manufacturer Information

Manufacturer	vivo Mobile Communication Co., Ltd.
Address	No.1, vivo Road, Chang'an, Dongguan, Guangdong, China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	V2332
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	MP_0.1
Software Version	PD2327CF_EX_A_14.0.3.6.W30
Dimensions (Approx.)	163.63*75.58*8.39 mm
Weight (Approx.)	185g
EUT ID	S02, S08, S14
IMEI Number	S02: 863978072012167 S08: 863978072011128 S14: 863978072016549

2.4 Technical Information

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

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

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, 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	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 82.99 mW U-NII-2A: 77.45 mW U-NII-2C: 64.71 mW U-NII-3: 52.97 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: -0.19 dBi U-NII-2A: 5250 MHz to 5350 MHz: 0.23 dBi U-NII-2C: 5470 MHz to 5725 MHz: 0.70 dBi U-NII-3: 5725 MHz to 5850 MHz: 0.89 dBi
About the Product	The equipment is Mobile Phone, intended for used with information technology equipment.

2.5 Channel List

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

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

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

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

Test Items	Mode	Data Rate	Modulation Type	U-NII-1 Channel	U-NII-2A Channel	U-NII-2C Channel	U-NII-3 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[Note1]
2	RF Output Power	15.407(a)	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	ANNEX A.4	Pass
6	Conducted Emission	15.207	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	ANNEX A.6	Pass

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

Note [2]: 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	48% to 68%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+18.9℃ to +23.8℃
	LT (Low Temperature)	-10.0℃
	HT (High Temperature)	+55.0℃
Working Voltage of the EUT	NV (Normal Voltage)	3.91 V
	LV (Low Voltage)	3.70 V
	HV (High Voltage)	4.40 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2023.05.16	2024.05.15
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2023.09.05	2024.09.04
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2023.06.19	2024.06.18
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2022.02.23	2025.02.22
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2024.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2024.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
Amplifier	COM-MV	ZT30-1000M	B2017119082	2023.12.05	2024.12.04
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.04	2026.03.03
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2023.05.16	2024.05.15
Shielded Enclosure	YiHeng Electronic	3.5m*3.1m*2.8	112	2022.02.19	2025.02.18

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
	Co., Ltd	m			

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

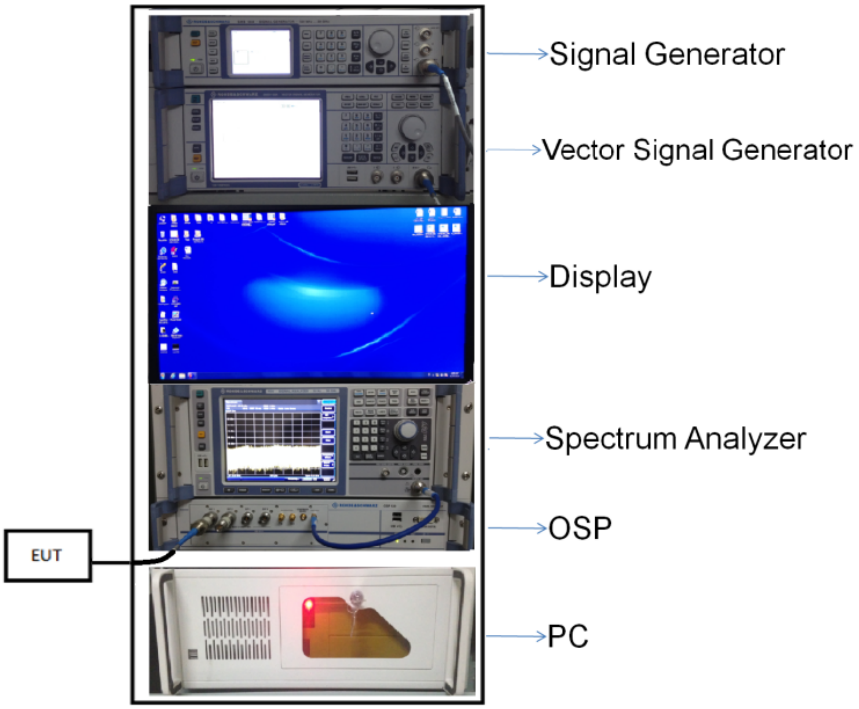
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

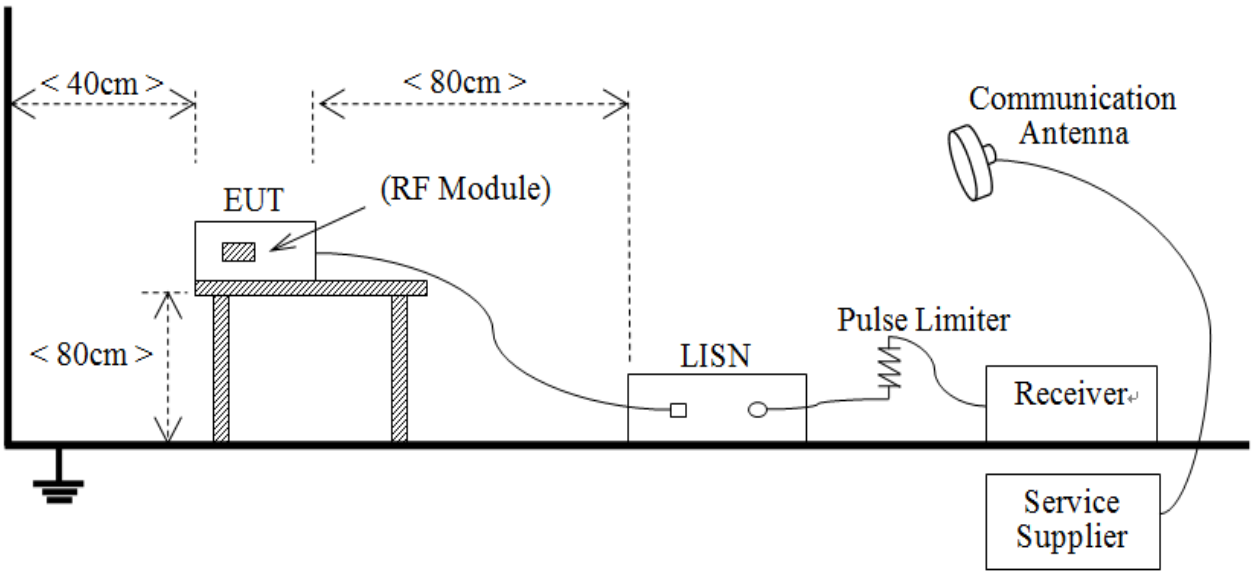
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:
Conducted value (dBm) = 10 dBm + 0.5 dB = 10.5 dBm



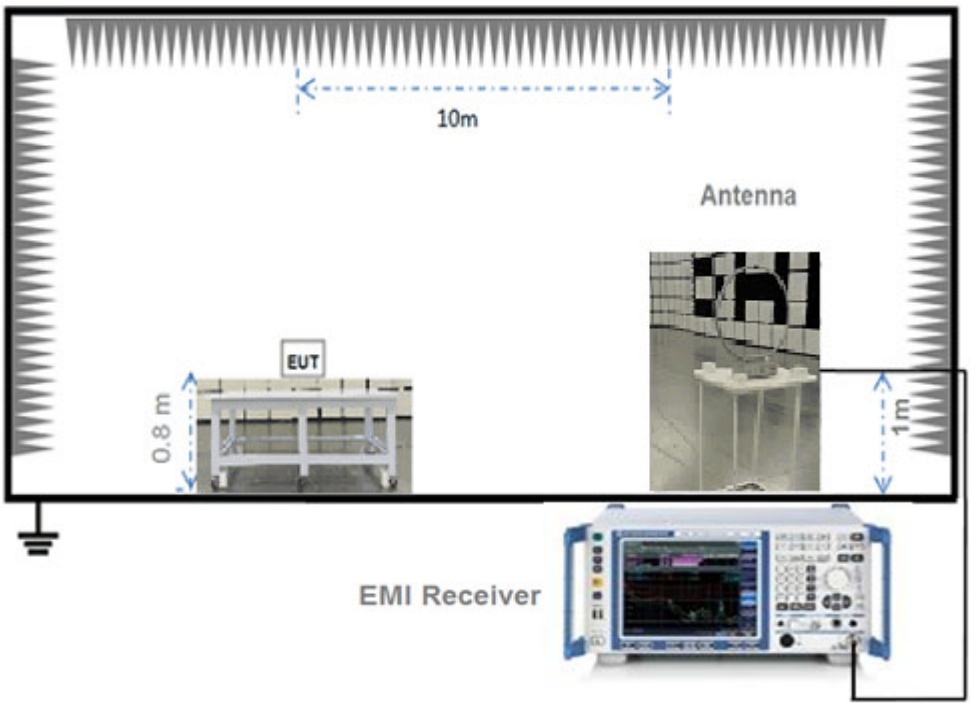
(Diagram 1)

4.5.2For AC Power Supply Port Test



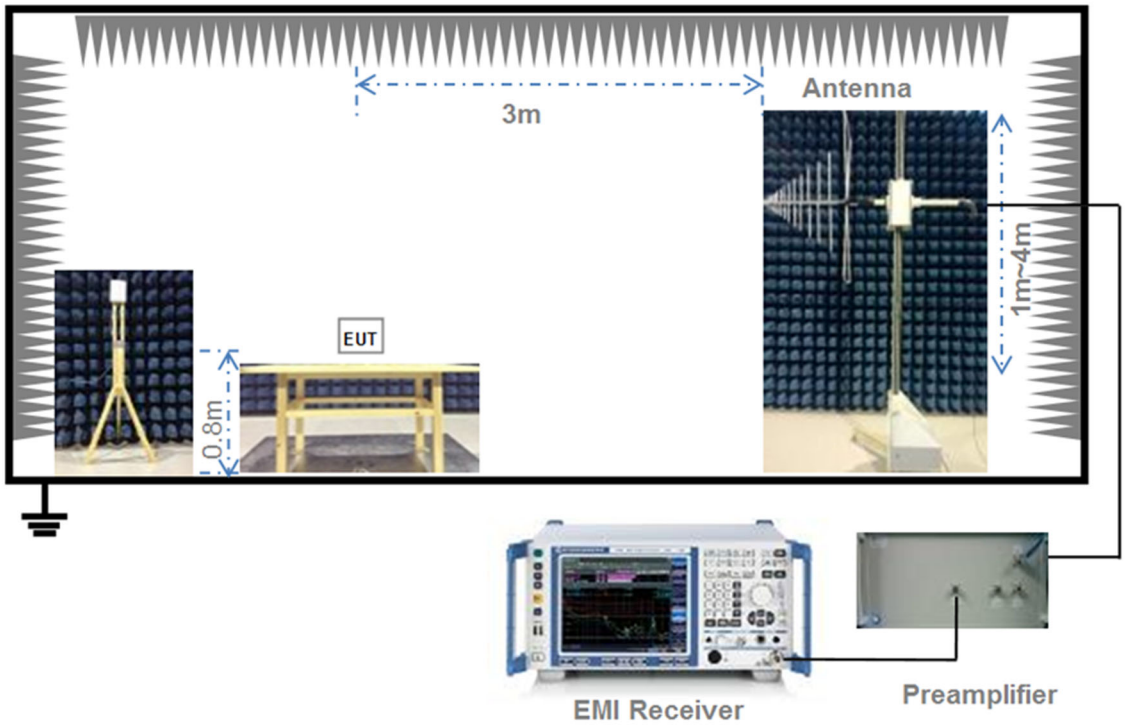
(Diagram 2)

4.5.3For Radiated Test (Below 30 MHz)



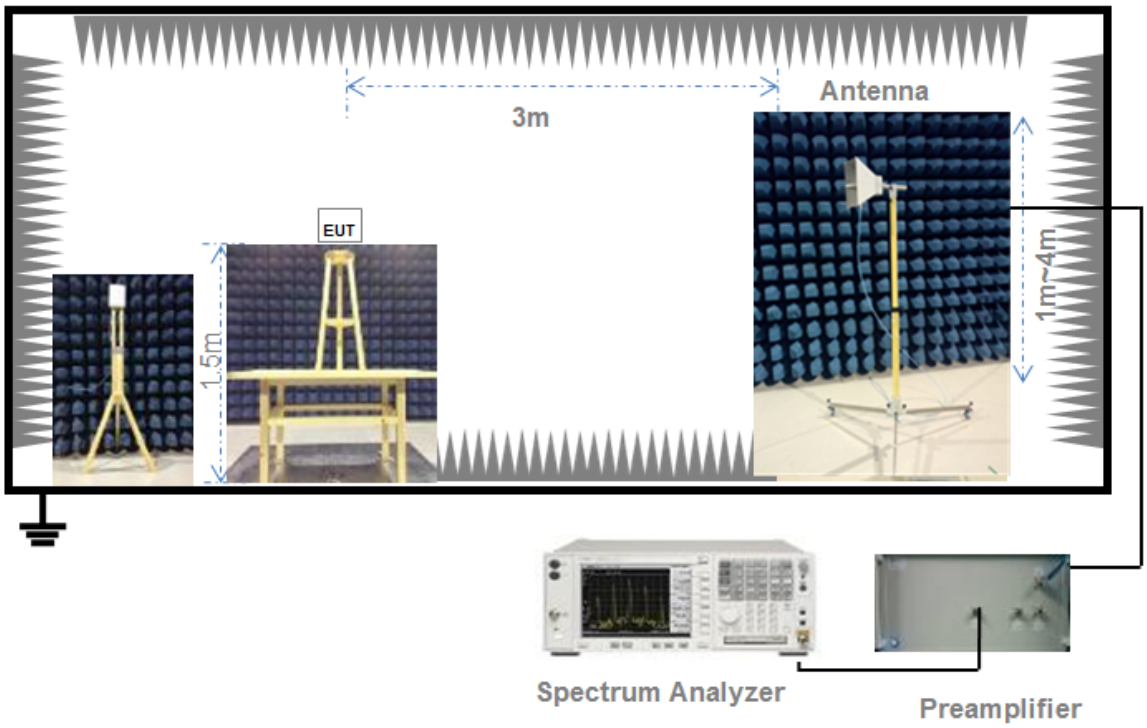
(Diagram 3)

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

Maximum conducted (average) output power

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

1) The EUT is configured to transmit continuously or to transmit with a constant duty cycle.

2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.

3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

b) If the transmitter does not transmit continuously, measure the duty cycle (x) of the transmitter output signal.

c) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.

d) Adjust the measurement in dBm by adding 10 log (1/x) where x is the duty cycle.

Measurements of duty cycle

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

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

Set RBW ≥ OBW if possible; otherwise, set RBW to the largest available value.

Set VBW ≥ RBW. Set detector = peak or average.

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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 ≥ 3*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 ≥ 3*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 ≥ 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 50μH/50Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dBμV)	
	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)

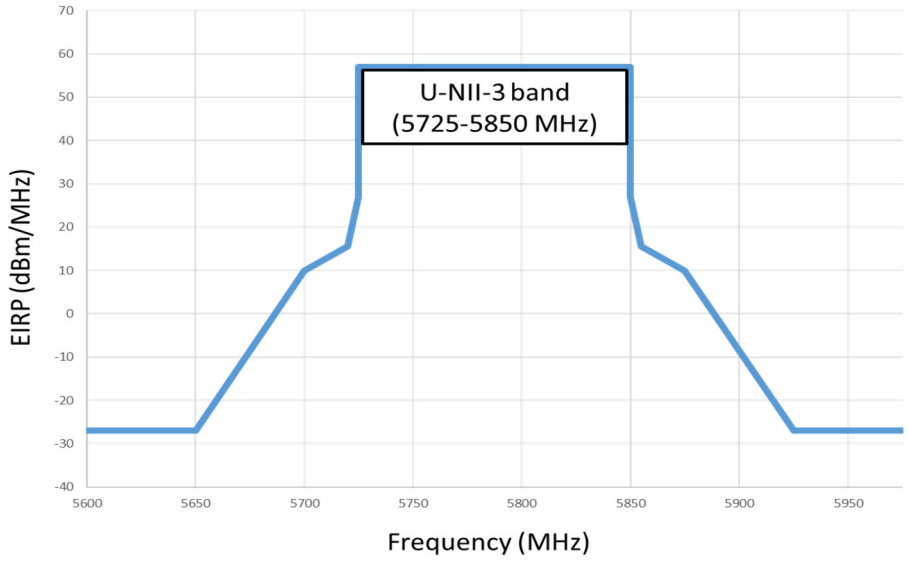
5.5.1 Limit

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 [1]: The Limit for radiated test was performed according to FCC Part 15C

Note [2]: 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	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. 

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

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

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

E = EIRP – 20log D + 104.8

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

a) RBW = as specified in Table 1.

b) VBW ≥ 3 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

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

Table 1—RBW as a function of frequency

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

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

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

If continuous transmission of the EUT (i.e., duty cycle ≥ 98 percent) cannot be achieved and the duty cycle is constant (i.e., duty cycle variations are less than ± 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 ≥ 3 x RBW.

e) Detector = RMS, if span/(# of points in sweep) ≤ (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 (≥ 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 ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ RBW
Sweep = auto
Detector function = peak
Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.39	1.43	96.79%	0.14
11n (HT20)/11ac (VHT20)	1.31	1.36	96.54%	0.15
11n (HT40)/11ac (VHT40)	0.65	0.70	92.82%	0.32
11ac (VHT80)	0.32	0.37	87.78%	0.57

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	16.86	48.53	250	Pass
11a	CH44	19.19	82.99	250	Pass
11a	CH48	19.13	81.85	250	Pass
11n (HT20)	CH36	16.76	47.42	250	Pass
11n (HT20)	CH44	18.14	65.16	250	Pass
11n (HT20)	CH48	18.07	64.12	250	Pass
11n (HT40)	CH38	15.17	32.89	250	Pass
11n (HT40)	CH46	17.05	50.70	250	Pass
11ac (VHT20)	CH36	17.57	57.15	250	Pass
11ac (VHT20)	CH44	17.64	58.08	250	Pass
11ac (VHT20)	CH48	17.74	59.43	250	Pass
11ac (VHT40)	CH38	15.42	34.83	250	Pass
11ac (VHT40)	CH46	16.13	41.02	250	Pass
11ac (VHT80)	CH42	14.45	27.86	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	18.89	77.45	250	Pass
11a	CH60	18.64	73.11	250	Pass
11a	CH64	18.48	70.47	250	Pass
11n (HT20)	CH52	17.63	57.94	250	Pass
11n (HT20)	CH60	17.81	60.39	250	Pass
11n (HT20)	CH64	17.82	60.53	250	Pass
11n (HT40)	CH54	16.69	46.67	250	Pass
11n (HT40)	CH62	15.74	37.50	250	Pass
11ac (VHT20)	CH52	17.35	54.33	250	Pass
11ac (VHT20)	CH60	17.46	55.72	250	Pass
11ac (VHT20)	CH64	17.48	55.98	250	Pass
11ac (VHT40)	CH54	15.75	37.58	250	Pass
11ac (VHT40)	CH62	15.72	37.33	250	Pass
11ac (VHT80)	CH58	14.54	28.44	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	16.01	39.90	250	Pass
11a	CH116	18.11	64.71	250	Pass
11a	CH140	14.15	26.00	250	Pass
11n (HT20)	CH100	15.48	35.32	250	Pass
11n (HT20)	CH116	17.89	61.52	250	Pass
11n (HT20)	CH140	12.89	19.45	250	Pass
11n (HT40)	CH102	13.41	21.93	250	Pass
11n (HT40)	CH118	16.93	49.32	250	Pass
11n (HT40)	CH134	15.95	39.36	250	Pass
11ac (VHT20)	CH100	15.93	39.17	250	Pass
11ac (VHT20)	CH116	17.54	56.75	250	Pass
11ac (VHT20)	CH140	15.24	33.42	250	Pass
11ac (VHT40)	CH102	14.86	30.62	250	Pass
11ac (VHT40)	CH118	15.92	39.08	250	Pass
11ac (VHT40)	CH134	15.92	39.08	250	Pass
11ac (VHT80)	CH106	13.62	23.01	250	Pass
11ac (VHT80)	CH122	14.73	29.72	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.21	52.60	1000	Pass
11a	CH157	17.24	52.97	1000	Pass
11a	CH165	17.22	52.72	1000	Pass
11n (HT20)	CH149	17.16	52.00	1000	Pass
11n (HT20)	CH157	17.07	50.93	1000	Pass
11n (HT20)	CH165	17.19	52.36	1000	Pass
11n (HT40)	CH151	17.01	50.23	1000	Pass
11n (HT40)	CH159	17.03	50.47	1000	Pass
11ac (VHT20)	CH149	17.21	52.60	1000	Pass
11ac (VHT20)	CH157	17.10	51.29	1000	Pass
11ac (VHT20)	CH165	17.12	51.52	1000	Pass
11ac (VHT40)	CH151	16.05	40.27	1000	Pass
11ac (VHT40)	CH159	16.09	40.64	1000	Pass
11ac (VHT80)	CH155	14.68	29.38	1000	Pass

U-NII-2C straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	18.38	68.87	250	Pass
11n (HT20)	CH144	17.25	53.09	229	Pass
11n (HT40)	CH142	16.75	47.32	250	Pass
11ac (VHT20)	CH144	16.98	49.89	222	Pass
11ac (VHT40)	CH142	15.72	37.33	250	Pass
11ac (VHT80)	CH138	14.51	28.25	250	Pass

U-NII-3 straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	10.66	11.64	1000	Pass
11n (HT20)	CH144	10.22	10.52	1000	Pass
11n (HT40)	CH142	4.15	2.60	1000	Pass
11ac (VHT20)	CH144	9.69	9.31	1000	Pass
11ac (VHT40)	CH142	3.17	2.07	1000	Pass
11ac (VHT80)	CH138	-1.22	0.76	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2411244-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	34.20	17.36
11a	CH44	31.47	17.30
11a	CH48	30.89	17.08
11n (HT20)	CH36	33.30	17.99
11n (HT20)	CH44	29.25	17.82
11n (HT20)	CH48	30.29	17.83
11n (HT40)	CH38	47.86	36.29
11n (HT40)	CH46	46.96	36.29
11ac (VHT20)	CH36	26.62	17.78
11ac (VHT20)	CH44	26.97	17.78
11ac (VHT20)	CH48	28.31	17.75
11ac (VHT40)	CH38	46.33	36.12
11ac (VHT40)	CH46	42.53	36.16
11ac (VHT80)	CH42	119.60	75.51

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	30.07	17.02
11a	CH60	30.97	16.98
11a	CH64	33.13	16.87
11n (HT20)	CH52	25.16	17.76
11n (HT20)	CH60	24.55	17.77
11n (HT20)	CH64	25.27	17.78
11n (HT40)	CH54	45.43	36.25
11n (HT40)	CH62	41.92	36.21
11ac (VHT20)	CH52	24.82	17.69
11ac (VHT20)	CH60	22.72	17.72
11ac (VHT20)	CH64	24.79	17.71
11ac (VHT40)	CH54	40.70	36.09
11ac (VHT40)	CH62	40.84	36.07
11ac (VHT80)	CH58	82.36	75.40

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	30.11	17.12
11a	CH116	30.81	16.99
11a	CH140	28.71	16.86
11n (HT20)	CH100	28.31	17.83
11n (HT20)	CH116	24.71	17.75
11n (HT20)	CH140	26.84	17.79
11n (HT40)	CH102	42.52	36.23
11n (HT40)	CH118	43.71	36.22
11n (HT40)	CH134	43.93	36.24
11ac (VHT20)	CH100	26.51	17.72
11ac (VHT20)	CH116	25.82	17.69
11ac (VHT20)	CH140	27.13	17.72
11ac (VHT40)	CH102	41.02	36.09
11ac (VHT40)	CH118	41.47	36.09
11ac (VHT40)	CH134	40.58	36.09
11ac (VHT80)	CH106	81.31	75.36
11ac (VHT80)	CH122	89.02	75.45

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	30.89	17.03
11a	CH157	31.32	16.91
11a	CH165	29.77	16.90
11n (HT20)	CH149	27.26	17.73
11n (HT20)	CH157	25.48	17.78
11n (HT20)	CH165	25.70	17.79
11n (HT40)	CH151	43.07	36.27
11n (HT40)	CH159	43.53	36.26
11ac (VHT20)	CH149	25.86	17.69
11ac (VHT20)	CH157	24.42	17.70
11ac (VHT20)	CH165	23.52	17.68
11ac (VHT40)	CH151	43.62	36.10
11ac (VHT40)	CH159	40.64	36.08
11ac (VHT80)	CH155	80.98	75.31

U-NII-2C straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	20.20	13.50
11n (HT20)	CH144	18.20	13.90
11n (HT40)	CH142	39.40	33.20
11ac (VHT20)	CH144	17.60	13.90
11ac (VHT40)	CH142	35.40	33.10
11ac (VHT80)	CH138	80.90	72.80

U-NII-3 straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	10.70	3.50
11n (HT20)	CH144	8.30	3.90
11n (HT40)	CH142	6.30	3.10
11ac (VHT20)	CH144	8.40	3.90
11ac (VHT40)	CH142	5.40	3.00
11ac (VHT80)	CH138	5.70	2.60

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2411244-604 Data Part 2.pdf”.

Test Data

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

U-NII-3 straddle channel				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH144	11.45	500.00	Pass
11n (HT20)	CH144	11.50	500.00	Pass
11n (HT40)	CH142	22.70	500.00	Pass
11ac (VHT20)	CH144	11.45	500.00	Pass
11ac (VHT40)	CH142	22.70	500.00	Pass
11ac (VHT80)	CH138	44.00	500.00	Pass

A.4 Power Spectral Density

Note [1]: Test plots please refer to the document “Annex No.: BL-SZ2411244-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	6.81	11.00	Pass
11a	CH44	9.16	11.00	Pass
11a	CH48	9.05	11.00	Pass
11n (HT20)	CH36	6.54	11.00	Pass
11n (HT20)	CH44	7.76	11.00	Pass
11n (HT20)	CH48	7.84	11.00	Pass
11n (HT40)	CH38	1.94	11.00	Pass
11n (HT40)	CH46	3.77	11.00	Pass
11ac (VHT20)	CH36	7.51	11.00	Pass
11ac (VHT20)	CH44	7.39	11.00	Pass
11ac (VHT20)	CH48	7.73	11.00	Pass
11ac (VHT40)	CH38	2.45	11.00	Pass
11ac (VHT40)	CH46	3.36	11.00	Pass
11ac (VHT80)	CH42	-2.03	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	9.23	11.00	Pass
11a	CH60	9.40	11.00	Pass
11a	CH64	8.69	11.00	Pass
11n (HT20)	CH52	7.60	11.00	Pass
11n (HT20)	CH60	7.82	11.00	Pass
11n (HT20)	CH64	7.76	11.00	Pass
11n (HT40)	CH54	3.62	11.00	Pass
11n (HT40)	CH62	2.72	11.00	Pass
11ac (VHT20)	CH52	7.04	11.00	Pass
11ac (VHT20)	CH60	7.29	11.00	Pass
11ac (VHT20)	CH64	7.31	11.00	Pass
11ac (VHT40)	CH54	2.55	11.00	Pass
11ac (VHT40)	CH62	2.86	11.00	Pass
11ac (VHT80)	CH58	-1.66	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	6.16	11.00	Pass
11a	CH116	7.66	11.00	Pass
11a	CH140	3.52	11.00	Pass
11n (HT20)	CH100	5.39	11.00	Pass
11n (HT20)	CH116	7.79	11.00	Pass
11n (HT20)	CH140	2.20	11.00	Pass
11n (HT40)	CH102	0.32	11.00	Pass
11n (HT40)	CH118	3.73	11.00	Pass
11n (HT40)	CH134	2.56	11.00	Pass
11ac (VHT20)	CH100	5.87	11.00	Pass
11ac (VHT20)	CH116	7.22	11.00	Pass
11ac (VHT20)	CH140	4.26	11.00	Pass
11ac (VHT40)	CH102	1.88	11.00	Pass
11ac (VHT40)	CH118	2.74	11.00	Pass
11ac (VHT40)	CH134	2.58	11.00	Pass
11ac (VHT80)	CH106	-2.54	11.00	Pass
11ac (VHT80)	CH122	-1.17	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	3.85	30.00	Pass
11a	CH157	3.74	30.00	Pass
11a	CH165	4.11	30.00	Pass
11n (HT20)	CH149	3.57	30.00	Pass
11n (HT20)	CH157	3.55	30.00	Pass
11n (HT20)	CH165	3.87	30.00	Pass
11n (HT40)	CH151	1.25	30.00	Pass
11n (HT40)	CH159	0.78	30.00	Pass
11ac (VHT20)	CH149	3.56	30.00	Pass
11ac (VHT20)	CH157	3.46	30.00	Pass
11ac (VHT20)	CH165	3.81	30.00	Pass
11ac (VHT40)	CH151	0.14	30.00	Pass
11ac (VHT40)	CH159	-0.25	30.00	Pass
11ac (VHT80)	CH155	-4.45	30.00	Pass

U-NII-2C straddle channel				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH144	8.85	11.00	Pass
11n (HT20)	CH144	7.81	11.00	Pass
11n (HT40)	CH142	3.48	11.00	Pass
11ac (VHT20)	CH144	7.24	11.00	Pass
11ac (VHT40)	CH142	2.32	11.00	Pass
11ac (VHT80)	CH138	-1.86	11.00	Pass

U-NII-3 straddle channel				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	5.99	30.00	Pass
11n (HT20)	CH144	5.01	30.00	Pass
11n (HT40)	CH142	0.83	30.00	Pass
11ac (VHT20)	CH144	4.76	30.00	Pass
11ac (VHT40)	CH142	0.12	30.00	Pass
11ac (VHT80)	CH138	-4.84	30.00	Pass

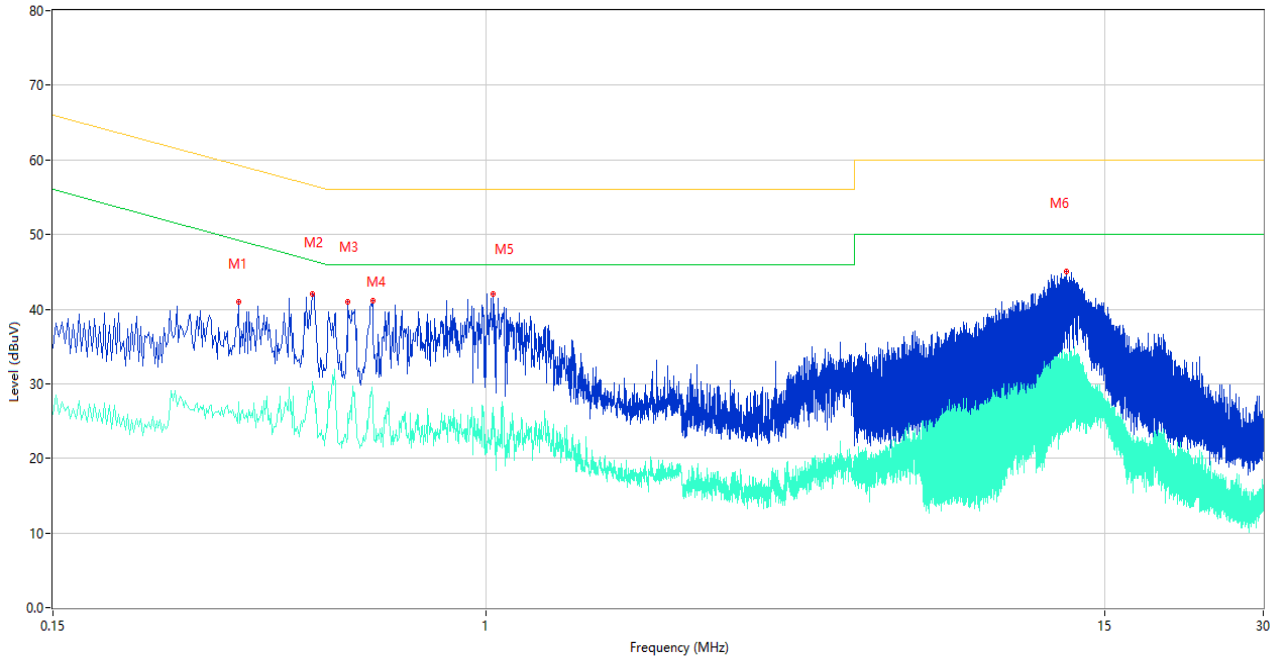
A.5 Conducted Emissions

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

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

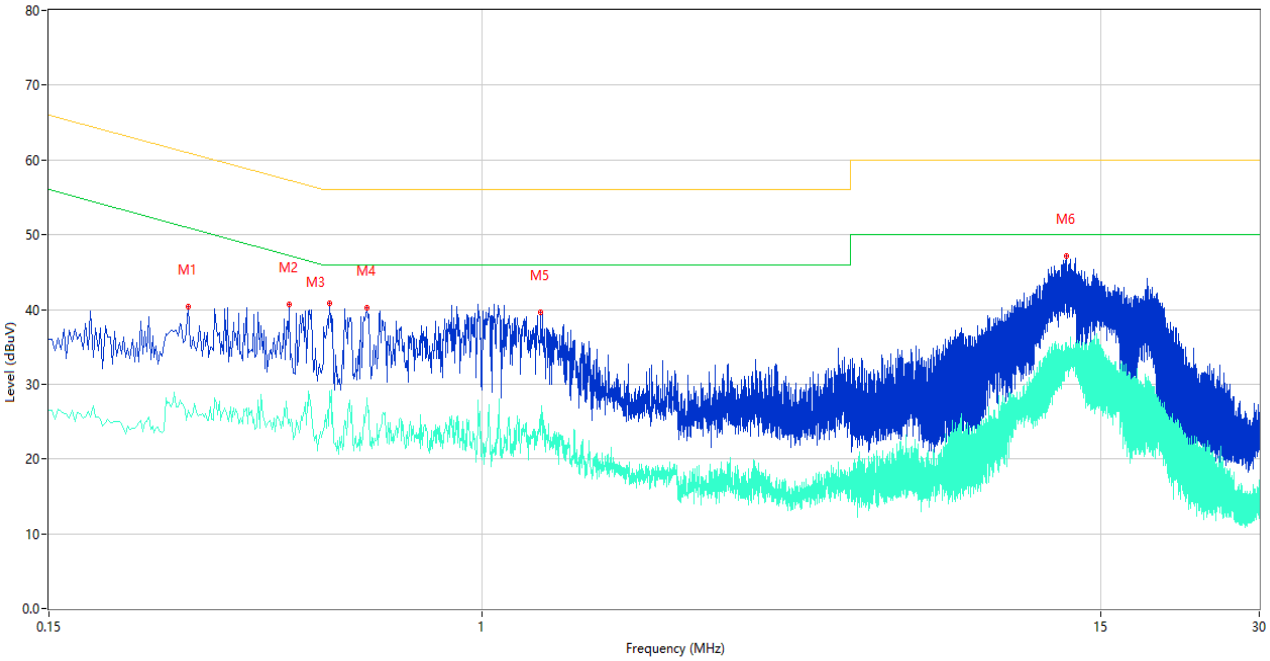
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.338	41.05	9.36	59.25	18.20	Peak	L	Pass
1**	0.338	27.59	9.36	49.25	21.66	AV	L	Pass
2	0.468	41.99	9.84	56.55	14.56	Peak	L	Pass
2**	0.468	30.21	9.84	46.55	16.34	AV	L	Pass
3	0.546	40.91	9.80	56.00	15.09	Peak	L	Pass
3**	0.546	26.04	9.80	46.00	19.96	AV	L	Pass
4	0.608	41.18	9.95	56.00	14.82	Peak	L	Pass
4**	0.608	27.53	9.95	46.00	18.47	AV	L	Pass
5	1.032	42.03	9.47	56.00	13.97	Peak	L	Pass
5**	1.032	26.75	9.47	46.00	19.25	AV	L	Pass
6	12.688	45.11	8.02	60.00	14.89	Peak	L	Pass
6**	12.688	33.57	8.02	50.00	16.43	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.276	40.35	9.43	60.94	20.59	Peak	N	Pass
1**	0.276	26.48	9.43	50.94	24.46	AV	N	Pass
2	0.430	40.63	9.96	57.25	16.62	Peak	N	Pass
2**	0.430	25.30	9.96	47.25	21.95	AV	N	Pass
3	0.512	40.85	9.71	56.00	15.15	Peak	N	Pass
3**	0.512	29.12	9.71	46.00	16.88	AV	N	Pass
4	0.604	40.26	9.98	56.00	15.74	Peak	N	Pass
4**	0.604	28.12	9.98	46.00	17.88	AV	N	Pass
5	1.290	39.57	9.68	56.00	16.43	Peak	N	Pass
5**	1.290	24.75	9.68	46.00	21.25	AV	N	Pass
6	12.894	47.10	8.00	60.00	12.90	Peak	N	Pass
6**	12.894	33.52	8.00	50.00	16.48	AV	N	Pass

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

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

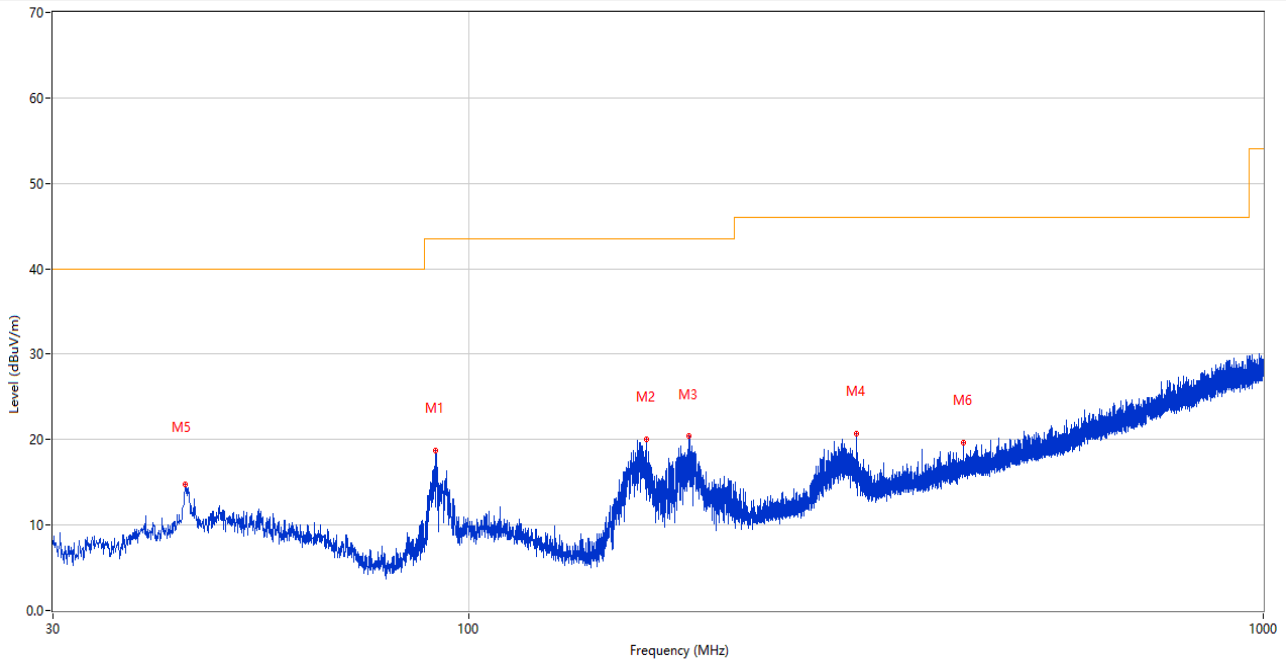
Note [2]: For the test data above 1 GHz， According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

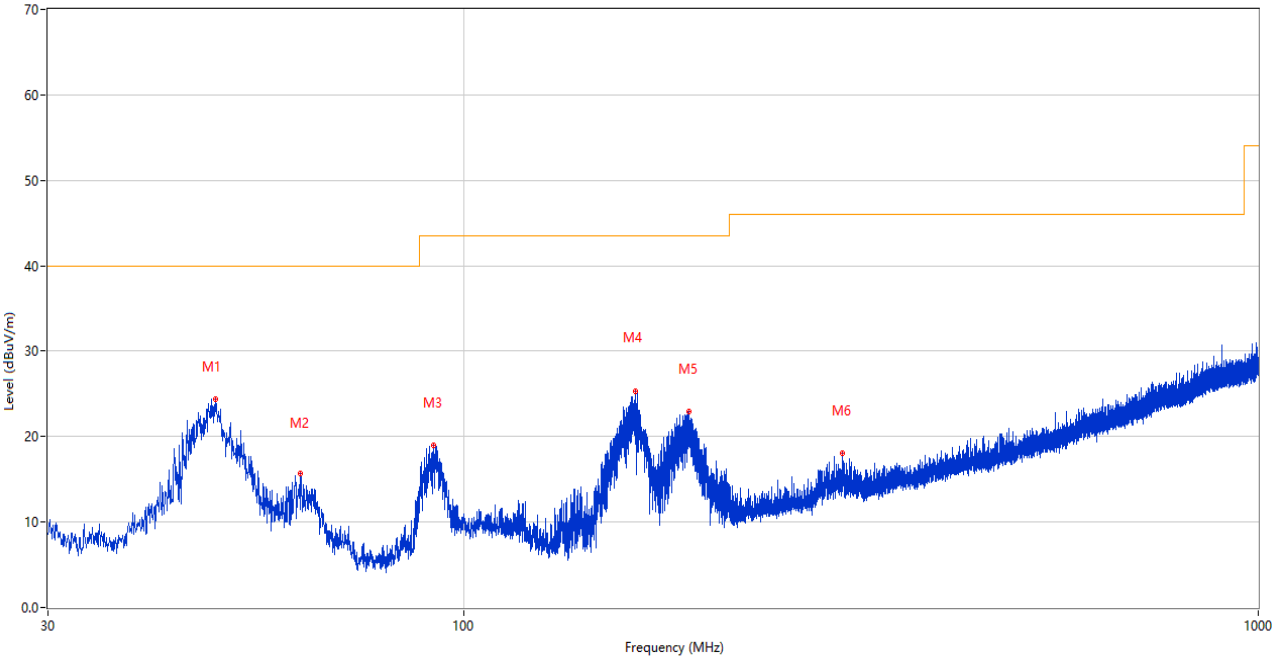
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	91.013	18.70	-28.31	43.5	24.80	Peak	360.00	200	Horizontal	Pass
2	167.546	20.04	-29.18	43.5	23.46	Peak	230.00	200	Horizontal	Pass
3	189.613	20.37	-27.53	43.5	23.13	Peak	360.00	200	Horizontal	Pass
4	307.905	20.64	-23.50	46.0	25.36	Peak	316.00	100	Horizontal	Pass
5	44.065	14.74	-25.74	40.0	25.26	Peak	190.00	100	Horizontal	Pass
6	419.600	19.66	-20.35	46.0	26.34	Peak	64.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	48.818	24.40	-25.37	40.0	15.60	Peak	281.00	100	Vertical	Pass
2	62.398	15.68	-27.14	40.0	24.32	Peak	281.00	100	Vertical	Pass
3	91.789	19.03	-28.13	43.5	24.47	Peak	264.00	100	Vertical	Pass
4	164.442	25.27	-29.34	43.5	18.23	Peak	289.00	100	Vertical	Pass
5	192.426	23.00	-27.11	43.5	20.50	Peak	308.00	100	Vertical	Pass
6	299.951	18.08	-23.67	46.0	27.92	Peak	310.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.600	38.91	-17.11	74.0	35.09	Peak	59.00	200	Horizontal	Pass
1**	1481.600	29.31	-17.11	54.0	24.69	AV	59.00	200	Horizontal	Pass
2	4343.800	50.93	-3.69	74.0	23.07	Peak	360.00	200	Horizontal	Pass
2**	4343.800	41.75	-3.69	54.0	12.25	AV	360.00	200	Horizontal	Pass
3	5179.000	109.13	-2.54	--	--	Peak	203.00	100	Horizontal	N/A
3**	5179.000	101.68	-2.54	--	--	AV	203.00	100	Horizontal	N/A
4	7452.525	50.15	-3.18	74.0	23.85	Peak	58.00	400	Horizontal	Pass
4**	7452.525	41.43	-3.18	54.0	12.57	AV	58.00	400	Horizontal	Pass
5	12434.037	53.13	1.67	74.0	20.87	Peak	42.00	150	Horizontal	Pass
5**	12434.037	44.31	1.67	54.0	9.69	AV	42.00	150	Horizontal	Pass
6	15795.262	56.21	2.18	74.0	17.79	Peak	241.00	200	Horizontal	Pass
6**	15795.262	46.96	2.18	54.0	7.04	AV	241.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.500	39.07	-17.23	74.0	34.93	Peak	193.00	100	Vertical	Pass
1**	1620.500	29.32	-17.23	54.0	24.68	AV	193.00	100	Vertical	Pass
2	4380.800	50.59	-3.46	74.0	23.41	Peak	26.00	200	Vertical	Pass
2**	4380.800	41.39	-3.46	54.0	12.61	AV	26.00	200	Vertical	Pass
3	5182.400	101.04	-2.58	--	--	Peak	131.00	200	Vertical	N/A
3**	5182.400	93.45	-2.58	--	--	AV	131.00	200	Vertical	N/A
4	7642.850	49.94	-2.99	74.0	24.06	Peak	193.00	300	Vertical	Pass
4**	7642.850	40.33	-2.99	54.0	13.67	AV	193.00	300	Vertical	Pass
5	12306.099	53.51	1.38	74.0	20.49	Peak	175.00	200	Vertical	Pass
5**	12306.099	43.74	1.38	54.0	10.26	AV	175.00	200	Vertical	Pass
6	16091.888	55.75	1.39	74.0	18.25	Peak	360.00	400	Vertical	Pass
6**	16091.888	46.14	1.39	54.0	7.86	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.800	39.39	-16.98	74.0	34.61	Peak	304.00	300	Horizontal	Pass
1**	1501.800	29.10	-16.98	54.0	24.90	AV	304.00	300	Horizontal	Pass
2	4382.000	50.70	-3.64	74.0	23.30	Peak	119.00	100	Horizontal	Pass
2**	4382.000	40.71	-3.64	54.0	13.29	AV	119.00	100	Horizontal	Pass
3	5221.400	108.79	-2.68	--	--	Peak	184.00	150	Horizontal	N/A
3**	5221.400	102.36	-2.68	--	--	AV	184.00	150	Horizontal	N/A
4	7678.788	49.67	-2.47	74.0	24.33	Peak	223.00	100	Horizontal	Pass
4**	7678.788	41.28	-2.47	54.0	12.72	AV	223.00	100	Horizontal	Pass
5	12304.088	53.63	1.40	74.0	20.37	Peak	153.00	150	Horizontal	Pass
5**	12304.088	43.67	1.40	54.0	10.33	AV	153.00	150	Horizontal	Pass
6	16034.138	57.50	0.75	74.0	16.50	Peak	180.00	400	Horizontal	Pass
6**	16034.138	47.20	0.75	54.0	6.80	AV	180.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.800	38.86	-16.91	74.0	35.14	Peak	277.00	200	Vertical	Pass
1**	1536.800	30.21	-16.91	54.0	23.79	AV	277.00	200	Vertical	Pass
2	4390.600	50.82	-3.33	74.0	23.18	Peak	334.00	200	Vertical	Pass
2**	4390.600	42.11	-3.33	54.0	11.89	AV	334.00	200	Vertical	Pass
3	5218.000	102.40	-2.78	--	--	Peak	357.00	100	Vertical	N/A
3**	5218.000	94.68	-2.78	--	--	AV	357.00	100	Vertical	N/A
4	7378.925	49.97	-3.47	74.0	24.03	Peak	0.00	200	Vertical	Pass
4**	7378.925	41.39	-3.47	54.0	12.61	AV	0.00	200	Vertical	Pass
5	12485.787	52.72	1.64	74.0	21.28	Peak	274.00	200	Vertical	Pass
5**	12485.787	43.27	1.64	54.0	10.73	AV	274.00	200	Vertical	Pass
6	16109.737	56.85	0.78	74.0	17.15	Peak	157.00	400	Vertical	Pass
6**	16109.737	47.07	0.78	54.0	6.93	AV	157.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1452.000	39.28	-17.01	74.0	34.72	Peak	360.00	200	Horizontal	Pass
1**	1452.000	29.23	-17.01	54.0	24.77	AV	360.00	200	Horizontal	Pass
2	4360.400	50.21	-4.02	74.0	23.79	Peak	344.00	200	Horizontal	Pass
2**	4360.400	40.86	-4.02	54.0	13.14	AV	344.00	200	Horizontal	Pass
3	5241.400	108.78	-2.57	--	--	Peak	199.00	200	Horizontal	N/A
3**	5241.400	101.03	-2.57	--	--	AV	199.00	200	Horizontal	N/A
4	7438.725	50.22	-3.49	74.0	23.78	Peak	68.00	400	Horizontal	Pass
4**	7438.725	40.86	-3.49	54.0	13.14	AV	68.00	400	Horizontal	Pass
5	12400.400	54.11	1.57	74.0	19.89	Peak	102.00	100	Horizontal	Pass
5**	12400.400	43.67	1.57	54.0	10.33	AV	102.00	100	Horizontal	Pass
6	15393.637	55.93	0.63	74.0	18.07	Peak	151.00	100	Horizontal	Pass
6**	15393.637	46.76	0.63	54.0	7.24	AV	151.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.100	39.08	-17.24	74.0	34.92	Peak	333.00	300	Vertical	Pass
1**	1612.100	29.72	-17.24	54.0	24.28	AV	333.00	300	Vertical	Pass
2	4252.800	50.05	-4.50	74.0	23.95	Peak	81.00	200	Vertical	Pass
2**	4252.800	39.94	-4.50	54.0	14.06	AV	81.00	200	Vertical	Pass
3	5237.800	100.37	-2.54	--	--	Peak	0.00	150	Vertical	N/A
3**	5237.800	93.33	-2.54	--	--	AV	0.00	150	Vertical	N/A
4	7390.138	49.89	-3.93	74.0	24.11	Peak	0.00	200	Vertical	Pass
4**	7390.138	40.93	-3.93	54.0	13.07	AV	0.00	200	Vertical	Pass
5	12510.513	52.87	1.60	74.0	21.13	Peak	48.00	200	Vertical	Pass
5**	12510.513	43.43	1.60	54.0	10.57	AV	48.00	200	Vertical	Pass
6	15669.262	55.74	1.41	74.0	18.26	Peak	260.00	100	Vertical	Pass
6**	15669.262	46.13	1.41	54.0	7.87	AV	260.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.700	38.97	-17.05	74.0	35.03	Peak	321.00	200	Horizontal	Pass
1**	1587.700	30.20	-17.05	54.0	23.80	AV	321.00	200	Horizontal	Pass
2	4387.200	50.32	-3.34	74.0	23.68	Peak	349.00	200	Horizontal	Pass
2**	4387.200	41.76	-3.34	54.0	12.24	AV	349.00	200	Horizontal	Pass
3	5178.600	107.41	-2.53	--	--	Peak	193.00	150	Horizontal	N/A
3**	5178.600	100.31	-2.53	--	--	AV	193.00	150	Horizontal	N/A
4	7342.413	50.47	-3.23	74.0	23.53	Peak	54.00	300	Horizontal	Pass
4**	7342.413	40.64	-3.23	54.0	13.36	AV	54.00	300	Horizontal	Pass
5	12353.537	53.18	1.18	74.0	20.82	Peak	72.00	200	Horizontal	Pass
5**	12353.537	44.37	1.18	54.0	9.63	AV	72.00	200	Horizontal	Pass
6	15524.362	56.12	1.39	74.0	17.88	Peak	354.00	400	Horizontal	Pass
6**	15524.362	46.28	1.39	54.0	7.72	AV	354.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.600	38.82	-17.25	74.0	35.18	Peak	31.00	100	Vertical	Pass
1**	1526.600	29.31	-17.25	54.0	24.69	AV	31.00	100	Vertical	Pass
2	4384.600	50.29	-3.54	74.0	23.71	Peak	87.00	200	Vertical	Pass
2**	4384.600	41.33	-3.54	54.0	12.67	AV	87.00	200	Vertical	Pass
3	5179.200	99.00	-2.56	--	--	Peak	8.00	150	Vertical	N/A
3**	5179.200	91.53	-2.56	--	--	AV	8.00	150	Vertical	N/A
4	7679.650	50.10	-2.41	74.0	23.90	Peak	65.00	400	Vertical	Pass
4**	7679.650	40.58	-2.41	54.0	13.42	AV	65.00	400	Vertical	Pass
5	11838.050	53.29	1.14	74.0	20.71	Peak	134.00	200	Vertical	Pass
5**	11838.050	42.39	1.14	54.0	11.61	AV	134.00	200	Vertical	Pass
6	15637.238	56.46	1.46	74.0	17.54	Peak	122.00	200	Vertical	Pass
6**	15637.238	46.09	1.46	54.0	7.91	AV	122.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.700	38.64	-16.81	74.0	35.36	Peak	329.00	100	Horizontal	Pass
1**	1585.700	29.88	-16.81	54.0	24.12	AV	329.00	100	Horizontal	Pass
2	4253.800	50.19	-4.53	74.0	23.81	Peak	129.00	300	Horizontal	Pass
2**	4253.800	39.78	-4.53	54.0	14.22	AV	129.00	300	Horizontal	Pass
3	5221.200	107.49	-2.69	--	--	Peak	206.00	200	Horizontal	N/A
3**	5221.200	100.00	-2.69	--	--	AV	206.00	200	Horizontal	N/A
4	7680.225	49.83	-2.46	74.0	24.17	Peak	178.00	200	Horizontal	Pass
4**	7680.225	40.24	-2.46	54.0	13.76	AV	178.00	200	Horizontal	Pass
5	12333.125	53.09	1.37	74.0	20.91	Peak	0.00	150	Horizontal	Pass
5**	12333.125	43.44	1.37	54.0	10.56	AV	0.00	150	Horizontal	Pass
6	16029.674	55.51	0.71	74.0	18.49	Peak	152.00	200	Horizontal	Pass
6**	16029.674	46.65	0.71	54.0	7.35	AV	152.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.400	38.80	-17.08	74.0	35.20	Peak	124.00	100	Vertical	Pass
1**	1508.400	29.90	-17.08	54.0	24.10	AV	124.00	100	Vertical	Pass
2	4288.400	50.58	-4.56	74.0	23.42	Peak	214.00	100	Vertical	Pass
2**	4288.400	40.37	-4.56	54.0	13.63	AV	214.00	100	Vertical	Pass
3	5222.400	99.72	-2.70	--	--	Peak	141.00	150	Vertical	N/A
3**	5222.400	92.31	-2.70	--	--	AV	141.00	150	Vertical	N/A
4	7680.800	49.27	-2.54	74.0	24.73	Peak	195.00	400	Vertical	Pass
4**	7680.800	40.27	-2.54	54.0	13.73	AV	195.00	400	Vertical	Pass
5	12284.537	54.30	1.78	74.0	19.70	Peak	78.00	200	Vertical	Pass
5**	12284.537	45.02	1.78	54.0	8.98	AV	78.00	200	Vertical	Pass
6	15656.925	56.39	1.22	74.0	17.61	Peak	309.00	100	Vertical	Pass
6**	15656.925	46.84	1.22	54.0	7.16	AV	309.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1562.600	38.64	-16.87	74.0	35.36	Peak	231.00	400	Horizontal	Pass
1**	1562.600	29.35	-16.87	54.0	24.65	AV	231.00	400	Horizontal	Pass
2	4286.000	50.90	-4.32	74.0	23.10	Peak	360.00	100	Horizontal	Pass
2**	4286.000	40.31	-4.32	54.0	13.69	AV	360.00	100	Horizontal	Pass
3	5238.600	107.80	-2.59	--	--	Peak	204.00	100	Horizontal	N/A
3**	5238.600	100.71	-2.59	--	--	AV	204.00	100	Horizontal	N/A
4	7326.888	49.88	-3.40	74.0	24.12	Peak	206.00	200	Horizontal	Pass
4**	7326.888	41.99	-3.40	54.0	12.01	AV	206.00	200	Horizontal	Pass
5	12410.463	53.99	1.44	74.0	20.01	Peak	7.00	200	Horizontal	Pass
5**	12410.463	43.60	1.44	54.0	10.40	AV	7.00	200	Horizontal	Pass
6	16176.675	56.21	1.38	74.0	17.79	Peak	199.00	200	Horizontal	Pass
6**	16176.675	46.68	1.38	54.0	7.32	AV	199.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.800	39.37	-16.91	74.0	34.63	Peak	60.00	200	Vertical	Pass
1**	1536.800	30.23	-16.91	54.0	23.77	AV	60.00	200	Vertical	Pass
2	4377.600	50.35	-3.51	74.0	23.65	Peak	190.00	100	Vertical	Pass
2**	4377.600	42.55	-3.51	54.0	11.45	AV	190.00	100	Vertical	Pass
3	5238.200	98.91	-2.56	--	--	Peak	0.00	150	Vertical	N/A
3**	5238.200	91.67	-2.56	--	--	AV	0.00	150	Vertical	N/A
4	7443.038	50.59	-3.32	74.0	23.41	Peak	194.00	400	Vertical	Pass
4**	7443.038	40.43	-3.32	54.0	13.57	AV	194.00	400	Vertical	Pass
5	12312.713	53.06	1.39	74.0	20.94	Peak	94.00	100	Vertical	Pass
5**	12312.713	44.59	1.39	54.0	9.41	AV	94.00	100	Vertical	Pass
6	16053.037	56.01	0.76	74.0	17.99	Peak	94.00	200	Vertical	Pass
6**	16053.037	45.93	0.76	54.0	8.07	AV	94.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.700	39.09	-17.18	74.0	34.91	Peak	91.00	200	Horizontal	Pass
1**	1532.700	29.50	-17.18	54.0	24.50	AV	91.00	200	Horizontal	Pass
2	4395.400	50.56	-3.93	74.0	23.44	Peak	313.00	400	Horizontal	Pass
2**	4395.400	41.70	-3.93	54.0	12.30	AV	313.00	400	Horizontal	Pass
3	5188.200	104.67	-2.34	--	--	Peak	200.00	100	Horizontal	N/A
3**	5188.200	96.83	-2.34	--	--	AV	200.00	100	Horizontal	N/A
4	7341.550	50.55	-3.12	74.0	23.45	Peak	273.00	100	Horizontal	Pass
4**	7341.550	41.25	-3.12	54.0	12.75	AV	273.00	100	Horizontal	Pass
5	12279.937	53.40	1.80	74.0	20.60	Peak	203.00	150	Horizontal	Pass
5**	12279.937	44.32	1.80	54.0	9.68	AV	203.00	150	Horizontal	Pass
6	15865.349	56.43	0.80	74.0	17.57	Peak	300.00	300	Horizontal	Pass
6**	15865.349	46.11	0.80	54.0	7.89	AV	300.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.900	39.17	-17.20	74.0	34.83	Peak	308.00	100	Vertical	Pass
1**	1514.900	29.88	-17.20	54.0	24.12	AV	308.00	100	Vertical	Pass
2	4386.000	50.41	-3.30	74.0	23.59	Peak	7.00	300	Vertical	Pass
2**	4386.000	40.79	-3.30	54.0	13.21	AV	7.00	300	Vertical	Pass
3	5191.200	96.39	-2.25	--	--	Peak	360.00	100	Vertical	N/A
3**	5191.200	89.28	-2.25	--	--	AV	360.00	100	Vertical	N/A
4	7743.475	49.89	-2.87	74.0	24.11	Peak	132.00	100	Vertical	Pass
4**	7743.475	39.73	-2.87	54.0	14.27	AV	132.00	100	Vertical	Pass
5	12269.875	54.55	1.45	74.0	19.45	Peak	292.00	100	Vertical	Pass
5**	12269.875	43.90	1.45	54.0	10.10	AV	292.00	100	Vertical	Pass
6	16040.438	56.21	0.79	74.0	17.79	Peak	197.00	100	Vertical	Pass
6**	16040.438	46.45	0.79	54.0	7.55	AV	197.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.200	39.63	-16.82	74.0	34.37	Peak	189.00	400	Horizontal	Pass
1**	1491.200	29.85	-16.82	54.0	24.15	AV	189.00	400	Horizontal	Pass
2	4390.600	50.97	-3.33	74.0	23.03	Peak	225.00	300	Horizontal	Pass
2**	4390.600	41.42	-3.33	54.0	12.58	AV	225.00	300	Horizontal	Pass
3	5228.400	104.10	-2.71	--	--	Peak	191.00	200	Horizontal	N/A
3**	5228.400	96.55	-2.71	--	--	AV	191.00	200	Horizontal	N/A
4	7597.138	50.11	-2.93	74.0	23.89	Peak	9.00	200	Horizontal	Pass
4**	7597.138	40.52	-2.93	54.0	13.48	AV	9.00	200	Horizontal	Pass
5	12296.901	53.07	1.54	74.0	20.93	Peak	347.00	150	Horizontal	Pass
5**	12296.901	43.74	1.54	54.0	10.26	AV	347.00	150	Horizontal	Pass
6	15821.250	55.71	1.82	74.0	18.29	Peak	243.00	200	Horizontal	Pass
6**	15821.250	46.25	1.82	54.0	7.75	AV	243.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1477.200	38.92	-17.20	74.0	35.08	Peak	155.00	100	Vertical	Pass
1**	1477.200	29.40	-17.20	54.0	24.60	AV	155.00	100	Vertical	Pass
2	3712.200	49.99	-5.06	74.0	24.01	Peak	38.00	100	Vertical	Pass
2**	3712.200	40.28	-5.06	54.0	13.72	AV	38.00	100	Vertical	Pass
3	5226.800	96.15	-2.73	--	--	Peak	360.00	150	Vertical	N/A
3**	5226.800	88.33	-2.73	--	--	AV	360.00	150	Vertical	N/A
4	7441.888	50.44	-3.39	74.0	23.56	Peak	224.00	200	Vertical	Pass
4**	7441.888	40.75	-3.39	54.0	13.25	AV	224.00	200	Vertical	Pass
5	12386.600	54.31	1.54	74.0	19.69	Peak	106.00	100	Vertical	Pass
5**	12386.600	43.75	1.54	54.0	10.25	AV	106.00	100	Vertical	Pass
6	16100.813	56.00	1.16	74.0	18.00	Peak	74.00	300	Vertical	Pass
6**	16100.813	47.12	1.16	54.0	6.88	AV	74.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1580.500	39.38	-17.24	74.0	34.62	Peak	300.00	100	Horizontal	Pass
1**	1580.500	29.44	-17.24	54.0	24.56	AV	300.00	100	Horizontal	Pass
2	4392.600	50.54	-3.58	74.0	23.46	Peak	105.00	200	Horizontal	Pass
2**	4392.600	41.42	-3.58	54.0	12.58	AV	105.00	200	Horizontal	Pass
3	5178.600	107.47	-2.53	--	--	Peak	208.00	150	Horizontal	N/A
3**	5178.600	100.12	-2.53	--	--	AV	208.00	150	Horizontal	N/A
4	7338.100	49.95	-2.89	74.0	24.05	Peak	272.00	400	Horizontal	Pass
4**	7338.100	41.75	-2.89	54.0	12.25	AV	272.00	400	Horizontal	Pass
5	12603.375	53.83	1.91	74.0	20.17	Peak	217.00	200	Horizontal	Pass
5**	12603.375	43.93	1.91	54.0	10.07	AV	217.00	200	Horizontal	Pass
6	15659.813	56.12	1.27	74.0	17.88	Peak	187.00	200	Horizontal	Pass
6**	15659.813	46.21	1.27	54.0	7.79	AV	187.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1537.500	38.93	-17.01	74.0	35.07	Peak	213.00	400	Vertical	Pass
1**	1537.500	29.99	-17.01	54.0	24.01	AV	213.00	400	Vertical	Pass
2	4377.800	50.53	-3.48	74.0	23.47	Peak	55.00	300	Vertical	Pass
2**	4377.800	41.71	-3.48	54.0	12.29	AV	55.00	300	Vertical	Pass
3	5179.800	99.70	-2.60	--	--	Peak	358.00	150	Vertical	N/A
3**	5179.800	91.29	-2.60	--	--	AV	358.00	150	Vertical	N/A
4	7451.087	50.12	-3.18	74.0	23.88	Peak	205.00	300	Vertical	Pass
4**	7451.087	40.66	-3.18	54.0	13.34	AV	205.00	300	Vertical	Pass
5	12227.613	53.63	1.31	74.0	20.37	Peak	205.00	150	Vertical	Pass
5**	12227.613	44.81	1.31	54.0	9.19	AV	205.00	150	Vertical	Pass
6	15848.025	55.94	1.35	74.0	18.06	Peak	334.00	200	Vertical	Pass
6**	15848.025	46.96	1.35	54.0	7.04	AV	334.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.700	39.06	-17.01	74.0	34.94	Peak	74.00	200	Horizontal	Pass
1**	1570.700	29.76	-17.01	54.0	24.24	AV	74.00	200	Horizontal	Pass
2	4389.000	50.65	-3.37	74.0	23.35	Peak	360.00	200	Horizontal	Pass
2**	4389.000	41.60	-3.37	54.0	12.40	AV	360.00	200	Horizontal	Pass
3	5221.800	107.67	-2.69	--	--	Peak	197.00	150	Horizontal	N/A
3**	5221.800	100.31	-2.69	--	--	AV	197.00	150	Horizontal	N/A
4	7598.862	49.55	-2.90	74.0	24.45	Peak	9.00	400	Horizontal	Pass
4**	7598.862	41.50	-2.90	54.0	12.50	AV	9.00	400	Horizontal	Pass
5	12277.638	54.35	1.72	74.0	19.65	Peak	156.00	150	Horizontal	Pass
5**	12277.638	44.35	1.72	54.0	9.65	AV	156.00	150	Horizontal	Pass
6	16037.812	56.00	0.78	74.0	18.00	Peak	17.00	100	Horizontal	Pass
6**	16037.812	46.38	0.78	54.0	7.62	AV	17.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.800	38.82	-16.82	74.0	35.18	Peak	326.00	300	Vertical	Pass
1**	1506.800	29.79	-16.82	54.0	24.21	AV	326.00	300	Vertical	Pass
2	4385.000	50.36	-3.47	74.0	23.64	Peak	41.00	400	Vertical	Pass
2**	4385.000	41.31	-3.47	54.0	12.69	AV	41.00	400	Vertical	Pass
3	5221.600	98.25	-2.69	--	--	Peak	30.00	150	Vertical	N/A
3**	5221.600	90.95	-2.69	--	--	AV	30.00	150	Vertical	N/A
4	7441.025	49.59	-3.45	74.0	24.41	Peak	86.00	300	Vertical	Pass
4**	7441.025	40.84	-3.45	54.0	13.16	AV	86.00	300	Vertical	Pass
5	12689.912	53.11	0.84	74.0	20.89	Peak	346.00	150	Vertical	Pass
5**	12689.912	43.24	0.84	54.0	10.76	AV	346.00	150	Vertical	Pass
6	16081.651	55.67	1.60	74.0	18.33	Peak	336.00	300	Vertical	Pass
6**	16081.651	46.88	1.60	54.0	7.12	AV	336.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	38.99	-16.92	74.0	35.01	Peak	124.00	400	Horizontal	Pass
1**	1500.100	29.94	-16.92	54.0	24.06	AV	124.00	400	Horizontal	Pass
2	4366.400	50.08	-3.85	74.0	23.92	Peak	344.00	400	Horizontal	Pass
2**	4366.400	40.70	-3.85	54.0	13.30	AV	344.00	400	Horizontal	Pass
3	5239.200	106.69	-2.64	--	--	Peak	204.00	100	Horizontal	N/A
3**	5239.200	99.76	-2.64	--	--	AV	204.00	100	Horizontal	N/A
4	7331.200	50.04	-3.38	74.0	23.96	Peak	330.00	200	Horizontal	Pass
4**	7331.200	40.28	-3.38	54.0	13.72	AV	330.00	200	Horizontal	Pass
5	12281.375	52.96	1.80	74.0	21.04	Peak	25.00	100	Horizontal	Pass
5**	12281.375	43.85	1.80	54.0	10.15	AV	25.00	100	Horizontal	Pass
6	15635.401	55.88	1.54	74.0	18.12	Peak	312.00	400	Horizontal	Pass
6**	15635.401	46.76	1.54	54.0	7.24	AV	312.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.600	38.46	-17.10	74.0	35.54	Peak	185.00	400	Vertical	Pass
1**	1624.600	30.56	-17.10	54.0	23.44	AV	185.00	400	Vertical	Pass
2	4344.600	50.65	-3.98	74.0	23.35	Peak	300.00	300	Vertical	Pass
2**	4344.600	41.78	-3.98	54.0	12.22	AV	300.00	300	Vertical	Pass
3	5238.400	98.05	-2.57	--	--	Peak	20.00	200	Vertical	N/A
3**	5238.400	91.18	-2.57	--	--	AV	20.00	200	Vertical	N/A
4	7492.775	49.55	-3.52	74.0	24.45	Peak	5.00	100	Vertical	Pass
4**	7492.775	39.53	-3.52	54.0	14.47	AV	5.00	100	Vertical	Pass
5	12010.550	53.13	1.16	74.0	20.87	Peak	221.00	100	Vertical	Pass
5**	12010.550	42.76	1.16	54.0	11.24	AV	221.00	100	Vertical	Pass
6	16083.225	56.67	1.57	74.0	17.33	Peak	39.00	200	Vertical	Pass
6**	16083.225	47.22	1.57	54.0	6.78	AV	39.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.100	39.60	-17.01	74.0	34.40	Peak	274.00	400	Horizontal	Pass
1**	1528.100	28.85	-17.01	54.0	25.15	AV	274.00	400	Horizontal	Pass
2	4384.800	50.36	-3.50	74.0	23.64	Peak	143.00	400	Horizontal	Pass
2**	4384.800	41.91	-3.50	54.0	12.09	AV	143.00	400	Horizontal	Pass
3	5192.000	103.42	-2.28	--	--	Peak	196.00	150	Horizontal	N/A
3**	5192.000	96.05	-2.28	--	--	AV	196.00	150	Horizontal	N/A
4	7539.062	49.36	-3.05	74.0	24.64	Peak	182.00	300	Horizontal	Pass
4**	7539.062	39.36	-3.05	54.0	14.64	AV	182.00	300	Horizontal	Pass
5	12273.613	53.53	1.57	74.0	20.47	Peak	133.00	200	Horizontal	Pass
5**	12273.613	44.44	1.57	54.0	9.56	AV	133.00	200	Horizontal	Pass
6	16102.388	56.54	1.09	74.0	17.46	Peak	34.00	100	Horizontal	Pass
6**	16102.388	46.50	1.09	54.0	7.50	AV	34.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.300	38.84	-17.26	74.0	35.16	Peak	28.00	300	Vertical	Pass
1**	1544.300	28.95	-17.26	54.0	25.05	AV	28.00	300	Vertical	Pass
2	4347.600	50.58	-4.22	74.0	23.42	Peak	255.00	100	Vertical	Pass
2**	4347.600	41.05	-4.22	54.0	12.95	AV	255.00	100	Vertical	Pass
3	5194.000	95.01	-2.40	--	--	Peak	351.00	150	Vertical	N/A
3**	5194.000	87.26	-2.40	--	--	AV	351.00	150	Vertical	N/A
4	7338.962	50.43	-2.92	74.0	23.57	Peak	232.00	100	Vertical	Pass
4**	7338.962	40.70	-2.92	54.0	13.30	AV	232.00	100	Vertical	Pass
5	12599.349	53.33	1.89	74.0	20.67	Peak	148.00	200	Vertical	Pass
5**	12599.349	43.67	1.89	54.0	10.33	AV	148.00	200	Vertical	Pass
6	16083.225	55.78	1.57	74.0	18.22	Peak	354.00	200	Vertical	Pass
6**	16083.225	47.08	1.57	54.0	6.92	AV	354.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.700	39.10	-16.66	74.0	34.90	Peak	223.00	300	Horizontal	Pass
1**	1485.700	29.39	-16.66	54.0	24.61	AV	223.00	300	Horizontal	Pass
2	4387.200	50.56	-3.34	74.0	23.44	Peak	117.00	200	Horizontal	Pass
2**	4387.200	42.40	-3.34	54.0	11.60	AV	117.00	200	Horizontal	Pass
3	5225.400	103.82	-2.55	--	--	Peak	206.00	200	Horizontal	N/A
3**	5225.400	95.71	-2.55	--	--	AV	206.00	200	Horizontal	N/A
4	7326.888	49.89	-3.40	74.0	24.11	Peak	329.00	400	Horizontal	Pass
4**	7326.888	40.62	-3.40	54.0	13.38	AV	329.00	400	Horizontal	Pass
5	11940.688	53.12	1.67	74.0	20.88	Peak	245.00	100	Horizontal	Pass
5**	11940.688	43.92	1.67	54.0	10.08	AV	245.00	100	Horizontal	Pass
6	15615.188	55.63	1.49	74.0	18.37	Peak	235.00	100	Horizontal	Pass
6**	15615.188	46.68	1.49	54.0	7.32	AV	235.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.000	38.74	-17.42	74.0	35.26	Peak	168.00	300	Vertical	Pass
1**	1602.000	29.19	-17.42	54.0	24.81	AV	168.00	300	Vertical	Pass
2	4396.000	50.27	-3.96	74.0	23.73	Peak	194.00	300	Vertical	Pass
2**	4396.000	40.67	-3.96	54.0	13.33	AV	194.00	300	Vertical	Pass
3	5232.200	95.69	-2.62	--	--	Peak	140.00	100	Vertical	N/A
3**	5232.200	87.77	-2.62	--	--	AV	140.00	100	Vertical	N/A
4	7329.187	50.63	-3.56	74.0	23.37	Peak	311.00	100	Vertical	Pass
4**	7329.187	40.56	-3.56	54.0	13.44	AV	311.00	100	Vertical	Pass
5	12619.763	53.42	1.80	74.0	20.58	Peak	138.00	150	Vertical	Pass
5**	12619.763	44.05	1.80	54.0	9.95	AV	138.00	150	Vertical	Pass
6	15624.112	55.84	1.71	74.0	18.16	Peak	121.00	400	Vertical	Pass
6**	15624.112	46.31	1.71	54.0	7.69	AV	121.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.900	39.09	-16.77	74.0	34.91	Peak	304.00	300	Horizontal	Pass
1**	1488.900	30.22	-16.77	54.0	23.78	AV	304.00	300	Horizontal	Pass
2	4393.400	50.76	-3.70	74.0	23.24	Peak	188.00	400	Horizontal	Pass
2**	4393.400	41.29	-3.70	54.0	12.71	AV	188.00	400	Horizontal	Pass
3	5203.000	99.78	-2.18	--	--	Peak	200.00	150	Horizontal	N/A
3**	5203.000	92.27	-2.18	--	--	AV	200.00	150	Horizontal	N/A
4	7627.038	49.58	-2.71	74.0	24.42	Peak	282.00	100	Horizontal	Pass
4**	7627.038	41.37	-2.71	54.0	12.63	AV	282.00	100	Horizontal	Pass
5	12113.762	53.21	0.56	74.0	20.79	Peak	360.00	200	Horizontal	Pass
5**	12113.762	43.25	0.56	54.0	10.75	AV	360.00	200	Horizontal	Pass
6	16104.750	56.43	0.99	74.0	17.57	Peak	221.00	300	Horizontal	Pass
6**	16104.750	46.84	0.99	54.0	7.16	AV	221.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.900	38.98	-17.15	74.0	35.02	Peak	164.00	400	Vertical	Pass
1**	1574.900	29.67	-17.15	54.0	24.33	AV	164.00	400	Vertical	Pass
2	4391.600	51.57	-3.45	74.0	22.43	Peak	99.00	200	Vertical	Pass
2**	4391.600	41.94	-3.45	54.0	12.06	AV	99.00	200	Vertical	Pass
3	5215.600	91.09	-2.57	--	--	Peak	34.00	200	Vertical	N/A
3**	5215.600	82.60	-2.57	--	--	AV	34.00	200	Vertical	N/A
4	7303.312	50.00	-3.39	74.0	24.00	Peak	70.00	400	Vertical	Pass
4**	7303.312	39.94	-3.39	54.0	14.06	AV	70.00	400	Vertical	Pass
5	12225.887	53.46	1.31	74.0	20.54	Peak	190.00	150	Vertical	Pass
5**	12225.887	43.93	1.31	54.0	10.07	AV	190.00	150	Vertical	Pass
6	16113.150	55.59	0.71	74.0	18.41	Peak	313.00	200	Vertical	Pass
6**	16113.150	46.10	0.71	54.0	7.90	AV	313.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.200	38.48	-17.19	74.0	35.52	Peak	171.00	400	Horizontal	Pass
1**	1479.200	30.31	-17.19	54.0	23.69	AV	171.00	400	Horizontal	Pass
2	4378.200	51.05	-3.44	74.0	22.95	Peak	106.00	200	Horizontal	Pass
2**	4378.200	41.34	-3.44	54.0	12.66	AV	106.00	200	Horizontal	Pass
3	5258.400	108.11	-1.77	--	--	Peak	191.00	150	Horizontal	N/A
3**	5258.400	100.33	-1.77	--	--	AV	191.00	150	Horizontal	N/A
4	7329.187	49.76	-3.56	74.0	24.24	Peak	65.00	400	Horizontal	Pass
4**	7329.187	41.14	-3.56	54.0	12.86	AV	65.00	400	Horizontal	Pass
5	12666.338	53.43	1.00	74.0	20.57	Peak	65.00	150	Horizontal	Pass
5**	12666.338	43.16	1.00	54.0	10.84	AV	65.00	150	Horizontal	Pass
6	15846.713	56.03	1.36	74.0	17.97	Peak	360.00	300	Horizontal	Pass
6**	15846.713	47.11	1.36	54.0	6.89	AV	360.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.800	39.15	-17.44	74.0	34.85	Peak	0.00	100	Vertical	Pass
1**	1601.800	30.21	-17.44	54.0	23.79	AV	0.00	100	Vertical	Pass
2	4357.600	50.06	-4.15	74.0	23.94	Peak	307.00	300	Vertical	Pass
2**	4357.600	40.50	-4.15	54.0	13.50	AV	307.00	300	Vertical	Pass
3	5257.800	100.67	-1.77	--	--	Peak	339.00	150	Vertical	N/A
3**	5257.800	92.99	-1.77	--	--	AV	339.00	150	Vertical	N/A
4	7687.700	49.36	-2.17	74.0	24.64	Peak	0.00	300	Vertical	Pass
4**	7687.700	40.77	-2.17	54.0	13.23	AV	0.00	300	Vertical	Pass
5	12248.887	53.62	0.97	74.0	20.38	Peak	164.00	150	Vertical	Pass
5**	12248.887	42.87	0.97	54.0	11.13	AV	164.00	150	Vertical	Pass
6	15812.062	55.82	2.12	74.0	18.18	Peak	232.00	200	Vertical	Pass
6**	15812.062	46.59	2.12	54.0	7.41	AV	232.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.000	38.61	-16.86	74.0	35.39	Peak	4.00	200	Horizontal	Pass
1**	1585.000	29.98	-16.86	54.0	24.02	AV	4.00	200	Horizontal	Pass
2	4380.000	50.53	-3.32	74.0	23.47	Peak	20.00	200	Horizontal	Pass
2**	4380.000	41.97	-3.32	54.0	12.03	AV	20.00	200	Horizontal	Pass
3	5302.400	107.72	-2.72	--	--	Peak	212.00	100	Horizontal	N/A
3**	5302.400	100.25	-2.72	--	--	AV	212.00	100	Horizontal	N/A
4	7507.725	49.82	-3.10	74.0	24.18	Peak	274.00	400	Horizontal	Pass
4**	7507.725	40.70	-3.10	54.0	13.30	AV	274.00	400	Horizontal	Pass
5	12320.474	53.70	1.42	74.0	20.30	Peak	360.00	100	Horizontal	Pass
5**	12320.474	43.89	1.42	54.0	10.11	AV	360.00	100	Horizontal	Pass
6	16007.363	55.83	0.38	74.0	18.17	Peak	38.00	300	Horizontal	Pass
6**	16007.363	45.95	0.38	54.0	8.05	AV	38.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1561.600	38.67	-16.79	74.0	35.33	Peak	192.00	300	Vertical	Pass
1**	1561.600	30.39	-16.79	54.0	23.61	AV	192.00	300	Vertical	Pass
2	4389.600	50.56	-3.34	74.0	23.44	Peak	193.00	200	Vertical	Pass
2**	4389.600	42.38	-3.34	54.0	11.62	AV	193.00	200	Vertical	Pass
3	5301.600	101.24	-2.77	--	--	Peak	324.00	200	Vertical	N/A
3**	5301.600	93.91	-2.77	--	--	AV	324.00	200	Vertical	N/A
4	7340.687	49.97	-3.04	74.0	24.03	Peak	314.00	400	Vertical	Pass
4**	7340.687	40.70	-3.04	54.0	13.30	AV	314.00	400	Vertical	Pass
5	12308.112	53.75	1.38	74.0	20.25	Peak	0.00	200	Vertical	Pass
5**	12308.112	43.54	1.38	54.0	10.46	AV	0.00	200	Vertical	Pass
6	15682.388	56.09	1.51	74.0	17.91	Peak	360.00	400	Vertical	Pass
6**	15682.388	45.94	1.51	54.0	8.06	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.800	39.07	-17.15	74.0	34.93	Peak	299.00	200	Horizontal	Pass
1**	1508.800	30.07	-17.15	54.0	23.93	AV	299.00	200	Horizontal	Pass
2	4340.000	50.16	-4.52	74.0	23.84	Peak	137.00	400	Horizontal	Pass
2**	4340.000	40.33	-4.52	54.0	13.67	AV	137.00	400	Horizontal	Pass
3	5321.400	108.37	-2.26	--	--	Peak	216.00	100	Horizontal	N/A
3**	5321.400	101.55	-2.26	--	--	AV	216.00	100	Horizontal	N/A
4	7604.325	50.26	-2.86	74.0	23.74	Peak	76.00	200	Horizontal	Pass
4**	7604.325	40.85	-2.86	54.0	13.15	AV	76.00	200	Horizontal	Pass
5	11907.625	53.28	1.56	74.0	20.72	Peak	127.00	150	Horizontal	Pass
5**	11907.625	43.91	1.56	54.0	10.09	AV	127.00	150	Horizontal	Pass
6	15819.675	55.27	1.89	74.0	18.73	Peak	15.00	100	Horizontal	Pass
6**	15819.675	46.92	1.89	54.0	7.08	AV	15.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.400	39.00	-17.20	74.0	35.00	Peak	210.00	300	Vertical	Pass
1**	1518.400	29.37	-17.20	54.0	24.63	AV	210.00	300	Vertical	Pass
2	4378.800	50.29	-3.38	74.0	23.71	Peak	308.00	400	Vertical	Pass
2**	4378.800	42.02	-3.38	54.0	11.98	AV	308.00	400	Vertical	Pass
3	5322.600	101.75	-1.95	--	--	Peak	352.00	200	Vertical	N/A
3**	5322.600	94.36	-1.95	--	--	AV	352.00	200	Vertical	N/A
4	7675.625	49.65	-2.51	74.0	24.35	Peak	347.00	200	Vertical	Pass
4**	7675.625	40.55	-2.51	54.0	13.45	AV	347.00	200	Vertical	Pass
5	12545.875	53.53	1.39	74.0	20.47	Peak	103.00	200	Vertical	Pass
5**	12545.875	43.53	1.39	54.0	10.47	AV	103.00	200	Vertical	Pass
6	16103.963	56.03	1.02	74.0	17.97	Peak	179.00	400	Vertical	Pass
6**	16103.963	46.64	1.02	54.0	7.36	AV	179.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.200	38.65	-16.70	74.0	35.35	Peak	129.00	400	Horizontal	Pass
1**	1486.200	29.39	-16.70	54.0	24.61	AV	129.00	400	Horizontal	Pass
2	4389.800	50.40	-3.33	74.0	23.60	Peak	319.00	200	Horizontal	Pass
2**	4389.800	41.71	-3.33	54.0	12.29	AV	319.00	200	Horizontal	Pass
3	5261.200	107.17	-2.02	--	--	Peak	187.00	200	Horizontal	N/A
3**	5261.200	100.11	-2.02	--	--	AV	187.00	200	Horizontal	N/A
4	7344.425	49.45	-3.47	74.0	24.55	Peak	30.00	300	Horizontal	Pass
4**	7344.425	40.95	-3.47	54.0	13.05	AV	30.00	300	Horizontal	Pass
5	11951.325	53.35	1.34	74.0	20.65	Peak	117.00	200	Horizontal	Pass
5**	11951.325	43.79	1.34	54.0	10.21	AV	117.00	200	Horizontal	Pass
6	15857.738	56.07	1.05	74.0	17.93	Peak	323.00	400	Horizontal	Pass
6**	15857.738	46.06	1.05	54.0	7.94	AV	323.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	39.28	-16.76	74.0	34.72	Peak	280.00	300	Vertical	Pass
1**	1484.800	29.91	-16.76	54.0	24.09	AV	280.00	300	Vertical	Pass
2	4379.800	50.29	-3.28	74.0	23.71	Peak	298.00	300	Vertical	Pass
2**	4379.800	41.63	-3.28	54.0	12.37	AV	298.00	300	Vertical	Pass
3	5257.200	99.47	-1.81	--	--	Peak	329.00	100	Vertical	N/A
3**	5257.200	91.89	-1.81	--	--	AV	329.00	100	Vertical	N/A
4	7721.913	49.48	-2.67	74.0	24.52	Peak	14.00	200	Vertical	Pass
4**	7721.913	41.15	-2.67	54.0	12.85	AV	14.00	200	Vertical	Pass
5	11947.300	53.43	1.47	74.0	20.57	Peak	80.00	200	Vertical	Pass
5**	11947.300	44.46	1.47	54.0	9.54	AV	80.00	200	Vertical	Pass
6	16080.338	56.14	1.63	74.0	17.86	Peak	0.00	100	Vertical	Pass
6**	16080.338	46.77	1.63	54.0	7.23	AV	0.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.700	39.06	-16.66	74.0	34.94	Peak	291.00	400	Horizontal	Pass
1**	1485.700	29.66	-16.66	54.0	24.34	AV	291.00	400	Horizontal	Pass
2	4184.400	50.92	-4.50	74.0	23.08	Peak	153.00	300	Horizontal	Pass
2**	4184.400	40.70	-4.50	54.0	13.30	AV	153.00	300	Horizontal	Pass
3	5298.000	106.63	-2.84	--	--	Peak	187.00	100	Horizontal	N/A
3**	5298.000	99.97	-2.84	--	--	AV	187.00	100	Horizontal	N/A
4	7338.675	50.03	-2.91	74.0	23.97	Peak	133.00	100	Horizontal	Pass
4**	7338.675	41.73	-2.91	54.0	12.27	AV	133.00	100	Horizontal	Pass
5	12611.425	53.01	1.89	74.0	20.99	Peak	31.00	200	Horizontal	Pass
5**	12611.425	44.66	1.89	54.0	9.34	AV	31.00	200	Horizontal	Pass
6	16025.475	55.81	0.68	74.0	18.19	Peak	283.00	100	Horizontal	Pass
6**	16025.475	45.89	0.68	54.0	8.11	AV	283.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.500	39.63	-16.74	74.0	34.37	Peak	337.00	400	Vertical	Pass
1**	1489.500	30.00	-16.74	54.0	24.00	AV	337.00	400	Vertical	Pass
2	3727.600	50.21	-4.97	74.0	23.79	Peak	172.00	400	Vertical	Pass
2**	3727.600	40.36	-4.97	54.0	13.64	AV	172.00	400	Vertical	Pass
3	5301.400	100.12	-2.79	--	--	Peak	316.00	100	Vertical	N/A
3**	5301.400	93.36	-2.79	--	--	AV	316.00	100	Vertical	N/A
4	7325.162	49.69	-3.46	74.0	24.31	Peak	282.00	400	Vertical	Pass
4**	7325.162	40.86	-3.46	54.0	13.14	AV	282.00	400	Vertical	Pass
5	12317.887	53.28	1.42	74.0	20.72	Peak	72.00	100	Vertical	Pass
5**	12317.887	44.33	1.42	54.0	9.67	AV	72.00	100	Vertical	Pass
6	16079.549	55.75	1.63	74.0	18.25	Peak	0.00	300	Vertical	Pass
6**	16079.549	46.39	1.63	54.0	7.61	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.100	39.49	-17.08	74.0	34.51	Peak	0.00	100	Horizontal	Pass
1**	1573.100	29.21	-17.08	54.0	24.79	AV	0.00	100	Horizontal	Pass
2	4208.600	50.32	-4.53	74.0	23.68	Peak	114.00	100	Horizontal	Pass
2**	4208.600	40.30	-4.53	54.0	13.70	AV	114.00	100	Horizontal	Pass
3	5317.800	107.06	-2.50	--	--	Peak	188.00	100	Horizontal	N/A
3**	5317.800	100.36	-2.50	--	--	AV	188.00	100	Horizontal	N/A
4	7451.087	50.44	-3.18	74.0	23.56	Peak	178.00	200	Horizontal	Pass
4**	7451.087	40.84	-3.18	54.0	13.16	AV	178.00	200	Horizontal	Pass
5	12273.901	53.23	1.58	74.0	20.77	Peak	360.00	150	Horizontal	Pass
5**	12273.901	43.51	1.58	54.0	10.49	AV	360.00	150	Horizontal	Pass
6	16025.475	55.98	0.68	74.0	18.02	Peak	60.00	300	Horizontal	Pass
6**	16025.475	45.99	0.68	54.0	8.01	AV	60.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.900	39.41	-16.95	74.0	34.59	Peak	278.00	100	Vertical	Pass
1**	1586.900	30.21	-16.95	54.0	23.79	AV	278.00	100	Vertical	Pass
2	4391.600	50.44	-3.45	74.0	23.56	Peak	342.00	400	Vertical	Pass
2**	4391.600	41.90	-3.45	54.0	12.10	AV	342.00	400	Vertical	Pass
3	5322.800	100.94	-1.90	--	--	Peak	342.00	100	Vertical	N/A
3**	5322.800	93.59	-1.90	--	--	AV	342.00	100	Vertical	N/A
4	7338.962	49.79	-2.92	74.0	24.21	Peak	185.00	100	Vertical	Pass
4**	7338.962	41.38	-2.92	54.0	12.62	AV	185.00	100	Vertical	Pass
5	12352.099	53.10	1.20	74.0	20.90	Peak	341.00	200	Vertical	Pass
5**	12352.099	43.93	1.20	54.0	10.07	AV	341.00	200	Vertical	Pass
6	16197.675	55.57	1.59	74.0	18.43	Peak	134.00	200	Vertical	Pass
6**	16197.675	46.12	1.59	54.0	7.88	AV	134.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.600	38.93	-16.84	74.0	35.07	Peak	74.00	300	Horizontal	Pass
1**	1505.600	30.44	-16.84	54.0	23.56	AV	74.00	300	Horizontal	Pass
2	4372.800	50.36	-3.94	74.0	23.64	Peak	182.00	300	Horizontal	Pass
2**	4372.800	40.37	-3.94	54.0	13.63	AV	182.00	300	Horizontal	Pass
3	5274.400	103.18	-2.59	--	--	Peak	182.00	200	Horizontal	N/A
3**	5274.400	95.86	-2.59	--	--	AV	182.00	200	Horizontal	N/A
4	7343.275	49.81	-3.35	74.0	24.19	Peak	110.00	100	Horizontal	Pass
4**	7343.275	40.39	-3.35	54.0	13.61	AV	110.00	100	Horizontal	Pass
5	12415.638	52.83	1.41	74.0	21.17	Peak	59.00	150	Horizontal	Pass
5**	12415.638	43.07	1.41	54.0	10.93	AV	59.00	150	Horizontal	Pass
6	16117.088	56.01	0.65	74.0	17.99	Peak	254.00	100	Horizontal	Pass
6**	16117.088	46.35	0.65	54.0	7.65	AV	254.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.300	38.92	-16.80	74.0	35.08	Peak	360.00	200	Vertical	Pass
1**	1488.300	29.54	-16.80	54.0	24.46	AV	360.00	200	Vertical	Pass
2	4377.800	50.18	-3.48	74.0	23.82	Peak	129.00	300	Vertical	Pass
2**	4377.800	41.53	-3.48	54.0	12.47	AV	129.00	300	Vertical	Pass
3	5272.200	95.47	-2.68	--	--	Peak	360.00	100	Vertical	N/A
3**	5272.200	88.32	-2.68	--	--	AV	360.00	100	Vertical	N/A
4	7453.100	50.27	-3.30	74.0	23.73	Peak	65.00	100	Vertical	Pass
4**	7453.100	40.20	-3.30	54.0	13.80	AV	65.00	100	Vertical	Pass
5	12317.025	53.59	1.41	74.0	20.41	Peak	183.00	200	Vertical	Pass
5**	12317.025	44.69	1.41	54.0	9.31	AV	183.00	200	Vertical	Pass
6	15804.188	55.73	2.28	74.0	18.27	Peak	168.00	300	Vertical	Pass
6**	15804.188	47.18	2.28	54.0	6.82	AV	168.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.000	39.65	-16.84	74.0	34.35	Peak	79.00	100	Horizontal	Pass
1**	1496.000	28.72	-16.84	54.0	25.28	AV	79.00	100	Horizontal	Pass
2	4383.600	50.18	-3.64	74.0	23.82	Peak	51.00	300	Horizontal	Pass
2**	4383.600	41.01	-3.64	54.0	12.99	AV	51.00	300	Horizontal	Pass
3	5312.600	103.70	-2.34	--	--	Peak	194.00	150	Horizontal	N/A
3**	5312.600	96.79	-2.34	--	--	AV	194.00	150	Horizontal	N/A
4	7608.925	49.46	-2.99	74.0	24.54	Peak	360.00	200	Horizontal	Pass
4**	7608.925	40.86	-2.99	54.0	13.14	AV	360.00	200	Horizontal	Pass
5	12310.700	54.14	1.37	74.0	19.86	Peak	100.00	150	Horizontal	Pass
5**	12310.700	45.01	1.37	54.0	8.99	AV	100.00	150	Horizontal	Pass
6	15788.174	56.01	1.93	74.0	17.99	Peak	101.00	200	Horizontal	Pass
6**	15788.174	46.20	1.93	54.0	7.80	AV	101.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.500	38.98	-17.21	74.0	35.02	Peak	95.00	100	Vertical	Pass
1**	1518.500	29.74	-17.21	54.0	24.26	AV	95.00	100	Vertical	Pass
2	4383.600	50.31	-3.64	74.0	23.69	Peak	360.00	300	Vertical	Pass
2**	4383.600	41.48	-3.64	54.0	12.52	AV	360.00	300	Vertical	Pass
3	5312.400	97.10	-2.34	--	--	Peak	350.00	200	Vertical	N/A
3**	5312.400	89.84	-2.34	--	--	AV	350.00	200	Vertical	N/A
4	7470.063	49.89	-3.54	74.0	24.11	Peak	50.00	100	Vertical	Pass
4**	7470.063	40.09	-3.54	54.0	13.91	AV	50.00	100	Vertical	Pass
5	12279.363	53.10	1.78	74.0	20.90	Peak	297.00	150	Vertical	Pass
5**	12279.363	44.44	1.78	54.0	9.56	AV	297.00	150	Vertical	Pass
6	16097.925	56.25	1.25	74.0	17.75	Peak	37.00	200	Vertical	Pass
6**	16097.925	47.06	1.25	54.0	6.94	AV	37.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.400	39.33	-17.20	74.0	34.67	Peak	270.00	200	Horizontal	Pass
1**	1510.400	29.99	-17.20	54.0	24.01	AV	270.00	200	Horizontal	Pass
2	4394.800	50.73	-3.89	74.0	23.27	Peak	273.00	300	Horizontal	Pass
2**	4394.800	42.27	-3.89	54.0	11.73	AV	273.00	300	Horizontal	Pass
3	5258.000	106.77	-1.77	--	--	Peak	206.00	200	Horizontal	N/A
3**	5258.000	99.53	-1.77	--	--	AV	206.00	200	Horizontal	N/A
4	7322.288	50.12	-3.28	74.0	23.88	Peak	13.00	300	Horizontal	Pass
4**	7322.288	41.37	-3.28	54.0	12.63	AV	13.00	300	Horizontal	Pass
5	12373.950	53.54	1.33	74.0	20.46	Peak	259.00	150	Horizontal	Pass
5**	12373.950	42.89	1.33	54.0	11.11	AV	259.00	150	Horizontal	Pass
6	15790.537	56.36	2.03	74.0	17.64	Peak	222.00	300	Horizontal	Pass
6**	15790.537	46.50	2.03	54.0	7.50	AV	222.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	38.89	-16.73	74.0	35.11	Peak	131.00	100	Vertical	Pass
1**	1485.000	30.00	-16.73	54.0	24.00	AV	131.00	100	Vertical	Pass
2	4379.600	50.73	-3.30	74.0	23.27	Peak	282.00	200	Vertical	Pass
2**	4379.600	41.01	-3.30	54.0	12.99	AV	282.00	200	Vertical	Pass
3	5258.400	99.43	-1.77	--	--	Peak	327.00	200	Vertical	N/A
3**	5258.400	91.63	-1.77	--	--	AV	327.00	200	Vertical	N/A
4	7502.263	49.54	-3.08	74.0	24.46	Peak	219.00	400	Vertical	Pass
4**	7502.263	41.03	-3.08	54.0	12.97	AV	219.00	400	Vertical	Pass
5	12312.138	53.76	1.38	74.0	20.24	Peak	133.00	100	Vertical	Pass
5**	12312.138	43.51	1.38	54.0	10.49	AV	133.00	100	Vertical	Pass
6	16194.000	56.35	1.59	74.0	17.65	Peak	278.00	300	Vertical	Pass
6**	16194.000	45.70	1.59	54.0	8.30	AV	278.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.500	38.99	-16.85	74.0	35.01	Peak	360.00	200	Horizontal	Pass
1**	1500.500	30.10	-16.85	54.0	23.90	AV	360.00	200	Horizontal	Pass
2	4390.600	50.29	-3.33	74.0	23.71	Peak	84.00	200	Horizontal	Pass
2**	4390.600	41.20	-3.33	54.0	12.80	AV	84.00	200	Horizontal	Pass
3	5298.800	106.13	-2.90	--	--	Peak	180.00	100	Horizontal	N/A
3**	5298.800	98.53	-2.90	--	--	AV	180.00	100	Horizontal	N/A
4	7343.850	49.53	-3.43	74.0	24.47	Peak	55.00	200	Horizontal	Pass
4**	7343.850	40.52	-3.43	54.0	13.48	AV	55.00	200	Horizontal	Pass
5	12288.275	53.20	1.70	74.0	20.80	Peak	174.00	100	Horizontal	Pass
5**	12288.275	44.22	1.70	54.0	9.78	AV	174.00	100	Horizontal	Pass
6	16079.287	56.11	1.63	74.0	17.89	Peak	302.00	400	Horizontal	Pass
6**	16079.287	47.50	1.63	54.0	6.50	AV	302.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.900	39.03	-16.98	74.0	34.97	Peak	73.00	100	Vertical	Pass
1**	1535.900	29.14	-16.98	54.0	24.86	AV	73.00	100	Vertical	Pass
2	4384.800	49.86	-3.50	74.0	24.14	Peak	130.00	300	Vertical	Pass
2**	4384.800	40.98	-3.50	54.0	13.02	AV	130.00	300	Vertical	Pass
3	5301.000	99.54	-2.84	--	--	Peak	337.00	100	Vertical	N/A
3**	5301.000	92.44	-2.84	--	--	AV	337.00	100	Vertical	N/A
4	7346.438	50.35	-3.56	74.0	23.65	Peak	242.00	200	Vertical	Pass
4**	7346.438	41.42	-3.56	54.0	12.58	AV	242.00	200	Vertical	Pass
5	11339.525	53.15	0.27	74.0	20.85	Peak	261.00	100	Vertical	Pass
5**	11339.525	42.99	0.27	54.0	11.01	AV	261.00	100	Vertical	Pass
6	16099.237	56.13	1.22	74.0	17.87	Peak	146.00	200	Vertical	Pass
6**	16099.237	46.80	1.22	54.0	7.20	AV	146.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.100	38.95	-17.14	74.0	35.05	Peak	39.00	300	Horizontal	Pass
1**	1481.100	29.87	-17.14	54.0	24.13	AV	39.00	300	Horizontal	Pass
2	4388.000	50.57	-3.39	74.0	23.43	Peak	304.00	400	Horizontal	Pass
2**	4388.000	41.45	-3.39	54.0	12.55	AV	304.00	400	Horizontal	Pass
3	5318.200	106.81	-2.44	--	--	Peak	184.00	100	Horizontal	N/A
3**	5318.200	99.24	-2.44	--	--	AV	184.00	100	Horizontal	N/A
4	7327.175	49.97	-3.40	74.0	24.03	Peak	181.00	300	Horizontal	Pass
4**	7327.175	40.64	-3.40	54.0	13.36	AV	181.00	300	Horizontal	Pass
5	11953.912	53.12	1.22	74.0	20.88	Peak	294.00	150	Horizontal	Pass
5**	11953.912	43.45	1.22	54.0	10.55	AV	294.00	150	Horizontal	Pass
6	15849.338	55.56	1.34	74.0	18.44	Peak	0.00	200	Horizontal	Pass
6**	15849.338	46.50	1.34	54.0	7.50	AV	0.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.600	39.04	-17.33	74.0	34.96	Peak	106.00	200	Vertical	Pass
1**	1522.600	28.98	-17.33	54.0	25.02	AV	106.00	200	Vertical	Pass
2	4385.400	50.02	-3.40	74.0	23.98	Peak	131.00	400	Vertical	Pass
2**	4385.400	42.09	-3.40	54.0	11.91	AV	131.00	400	Vertical	Pass
3	5318.800	100.62	-2.36	--	--	Peak	351.00	150	Vertical	N/A
3**	5318.800	92.52	-2.36	--	--	AV	351.00	150	Vertical	N/A
4	7363.975	49.52	-3.62	74.0	24.48	Peak	0.00	200	Vertical	Pass
4**	7363.975	39.97	-3.62	54.0	14.03	AV	0.00	200	Vertical	Pass
5	12282.237	53.69	1.79	74.0	20.31	Peak	219.00	150	Vertical	Pass
5**	12282.237	44.71	1.79	54.0	9.29	AV	219.00	150	Vertical	Pass
6	15806.812	56.44	2.23	74.0	17.56	Peak	120.00	300	Vertical	Pass
6**	15806.812	46.95	2.23	54.0	7.05	AV	120.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.500	39.09	-17.13	74.0	34.91	Peak	317.00	300	Horizontal	Pass
1**	1574.500	28.92	-17.13	54.0	25.08	AV	317.00	300	Horizontal	Pass
2	4395.200	50.05	-3.91	74.0	23.95	Peak	0.00	400	Horizontal	Pass
2**	4395.200	41.11	-3.91	54.0	12.89	AV	0.00	400	Horizontal	Pass
3	5271.600	102.89	-2.61	--	--	Peak	189.00	200	Horizontal	N/A
3**	5271.600	94.73	-2.61	--	--	AV	189.00	200	Horizontal	N/A
4	7630.775	50.33	-2.92	74.0	23.67	Peak	311.00	300	Horizontal	Pass
4**	7630.775	40.25	-2.92	54.0	13.75	AV	311.00	300	Horizontal	Pass
5	12324.787	53.03	1.42	74.0	20.97	Peak	237.00	200	Horizontal	Pass
5**	12324.787	44.44	1.42	54.0	9.56	AV	237.00	200	Horizontal	Pass
6	16185.338	55.96	1.53	74.0	18.04	Peak	123.00	400	Horizontal	Pass
6**	16185.338	46.37	1.53	54.0	7.63	AV	123.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.700	39.24	-16.83	74.0	34.76	Peak	100.00	400	Vertical	Pass
1**	1621.700	29.88	-16.83	54.0	24.12	AV	100.00	400	Vertical	Pass
2	4390.200	50.95	-3.31	74.0	23.05	Peak	264.00	400	Vertical	Pass
2**	4390.200	41.66	-3.31	54.0	12.34	AV	264.00	400	Vertical	Pass
3	5279.400	95.04	-2.58	--	--	Peak	360.00	200	Vertical	N/A
3**	5279.400	86.54	-2.58	--	--	AV	360.00	200	Vertical	N/A
4	7445.625	49.63	-3.14	74.0	24.37	Peak	355.00	400	Vertical	Pass
4**	7445.625	41.62	-3.14	54.0	12.38	AV	355.00	400	Vertical	Pass
5	12300.637	53.05	1.46	74.0	20.95	Peak	65.00	100	Vertical	Pass
5**	12300.637	44.22	1.46	54.0	9.78	AV	65.00	100	Vertical	Pass
6	16075.350	56.01	1.55	74.0	17.99	Peak	0.00	300	Vertical	Pass
6**	16075.350	47.57	1.55	54.0	6.43	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.300	39.85	-17.26	74.0	34.15	Peak	297.00	300	Horizontal	Pass
1**	1544.300	29.33	-17.26	54.0	24.67	AV	297.00	300	Horizontal	Pass
2	4390.600	49.84	-3.33	74.0	24.16	Peak	119.00	100	Horizontal	Pass
2**	4390.600	41.86	-3.33	54.0	12.14	AV	119.00	100	Horizontal	Pass
3	5308.400	102.74	-2.28	--	--	Peak	174.00	100	Horizontal	N/A
3**	5308.400	94.79	-2.28	--	--	AV	174.00	100	Horizontal	N/A
4	7332.350	49.34	-3.24	74.0	24.66	Peak	360.00	300	Horizontal	Pass
4**	7332.350	41.10	-3.24	54.0	12.90	AV	360.00	300	Horizontal	Pass
5	12270.737	53.59	1.47	74.0	20.41	Peak	67.00	200	Horizontal	Pass
5**	12270.737	44.13	1.47	54.0	9.87	AV	67.00	200	Horizontal	Pass
6	15810.487	55.61	2.15	74.0	18.39	Peak	281.00	200	Horizontal	Pass
6**	15810.487	46.05	2.15	54.0	7.95	AV	281.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1562.500	38.80	-16.84	74.0	35.20	Peak	33.00	400	Vertical	Pass
1**	1562.500	30.29	-16.84	54.0	23.71	AV	33.00	400	Vertical	Pass
2	4386.400	50.29	-3.29	74.0	23.71	Peak	205.00	200	Vertical	Pass
2**	4386.400	41.96	-3.29	54.0	12.04	AV	205.00	200	Vertical	Pass
3	5307.000	96.16	-2.44	--	--	Peak	317.00	200	Vertical	N/A
3**	5307.000	88.40	-2.44	--	--	AV	317.00	200	Vertical	N/A
4	7731.400	49.77	-2.38	74.0	24.23	Peak	242.00	200	Vertical	Pass
4**	7731.400	40.55	-2.38	54.0	13.45	AV	242.00	200	Vertical	Pass
5	12605.963	53.32	1.91	74.0	20.68	Peak	208.00	200	Vertical	Pass
5**	12605.963	43.52	1.91	54.0	10.48	AV	208.00	200	Vertical	Pass
6	15672.937	55.83	1.49	74.0	18.17	Peak	282.00	400	Vertical	Pass
6**	15672.937	46.46	1.49	54.0	7.54	AV	282.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1465.100	38.74	-17.40	74.0	35.26	Peak	354.00	100	Horizontal	Pass
1**	1465.100	29.83	-17.40	54.0	24.17	AV	354.00	100	Horizontal	Pass
2	4235.600	50.17	-4.12	74.0	23.83	Peak	163.00	100	Horizontal	Pass
2**	4235.600	41.33	-4.12	54.0	12.67	AV	163.00	100	Horizontal	Pass
3	5283.400	99.02	-2.64	--	--	Peak	180.00	100	Horizontal	N/A
3**	5283.400	91.10	-2.64	--	--	AV	180.00	100	Horizontal	N/A
4	7340.112	49.75	-2.98	74.0	24.25	Peak	280.00	200	Horizontal	Pass
4**	7340.112	40.99	-2.98	54.0	13.01	AV	280.00	200	Horizontal	Pass
5	12315.875	53.00	1.41	74.0	21.00	Peak	228.00	200	Horizontal	Pass
5**	12315.875	44.32	1.41	54.0	9.68	AV	228.00	200	Horizontal	Pass
6	15853.799	55.71	1.23	74.0	18.29	Peak	223.00	200	Horizontal	Pass
6**	15853.799	46.00	1.23	54.0	8.00	AV	223.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.300	39.67	-17.30	74.0	34.33	Peak	320.00	200	Vertical	Pass
1**	1526.300	29.68	-17.30	54.0	24.32	AV	320.00	200	Vertical	Pass
2	4239.400	50.08	-4.13	74.0	23.92	Peak	211.00	300	Vertical	Pass
2**	4239.400	40.09	-4.13	54.0	13.91	AV	211.00	300	Vertical	Pass
3	5296.600	91.30	-2.89	--	--	Peak	340.00	100	Vertical	N/A
3**	5296.600	83.17	-2.89	--	--	AV	340.00	100	Vertical	N/A
4	7357.938	50.00	-3.79	74.0	24.00	Peak	348.00	300	Vertical	Pass
4**	7357.938	40.72	-3.79	54.0	13.28	AV	348.00	300	Vertical	Pass
5	12330.537	53.18	1.41	74.0	20.82	Peak	348.00	200	Vertical	Pass
5**	12330.537	44.09	1.41	54.0	9.91	AV	348.00	200	Vertical	Pass
6	15806.812	56.80	2.23	74.0	17.20	Peak	159.00	200	Vertical	Pass
6**	15806.812	47.12	2.23	54.0	6.88	AV	159.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.700	38.66	-16.91	74.0	35.34	Peak	114.00	200	Horizontal	Pass
1**	1584.700	29.31	-16.91	54.0	24.69	AV	114.00	200	Horizontal	Pass
2	4399.800	51.19	-4.30	74.0	22.81	Peak	212.00	100	Horizontal	Pass
2**	4399.800	43.28	-4.30	54.0	10.72	AV	212.00	100	Horizontal	Pass
3	5497.600	108.82	-1.57	--	--	Peak	201.00	150	Horizontal	N/A
3**	5497.600	101.42	-1.57	--	--	AV	201.00	150	Horizontal	N/A
4	7687.413	49.77	-2.12	74.0	24.23	Peak	0.00	300	Horizontal	Pass
4**	7687.413	41.15	-2.12	54.0	12.85	AV	0.00	300	Horizontal	Pass
5	12289.424	53.64	1.68	74.0	20.36	Peak	360.00	100	Horizontal	Pass
5**	12289.424	44.70	1.68	54.0	9.30	AV	360.00	100	Horizontal	Pass
6	16043.325	56.06	0.76	74.0	17.94	Peak	206.00	200	Horizontal	Pass
6**	16043.325	46.41	0.76	54.0	7.59	AV	206.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.400	38.70	-17.09	74.0	35.30	Peak	55.00	400	Vertical	Pass
1**	1596.400	29.13	-17.09	54.0	24.87	AV	55.00	400	Vertical	Pass
2	4387.400	51.11	-3.35	74.0	22.89	Peak	360.00	100	Vertical	Pass
2**	4387.400	41.97	-3.35	54.0	12.03	AV	360.00	100	Vertical	Pass
3	5498.400	103.90	-1.63	--	--	Peak	360.00	200	Vertical	N/A
3**	5498.400	96.18	-1.63	--	--	AV	360.00	200	Vertical	N/A
4	7338.387	50.42	-2.90	74.0	23.58	Peak	214.00	100	Vertical	Pass
4**	7338.387	41.16	-2.90	54.0	12.84	AV	214.00	100	Vertical	Pass
5	11631.050	53.36	-0.20	74.0	20.64	Peak	164.00	150	Vertical	Pass
5**	11631.050	42.84	-0.20	54.0	11.16	AV	164.00	150	Vertical	Pass
6	15519.638	55.61	1.38	74.0	18.39	Peak	205.00	300	Vertical	Pass
6**	15519.638	45.89	1.38	54.0	8.11	AV	205.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1550.000	38.59	-17.29	74.0	35.41	Peak	55.00	300	Horizontal	Pass
1**	1550.000	28.73	-17.29	54.0	25.27	AV	55.00	300	Horizontal	Pass
2	4391.000	50.19	-3.38	74.0	23.81	Peak	360.00	200	Horizontal	Pass
2**	4391.000	42.18	-3.38	54.0	11.82	AV	360.00	200	Horizontal	Pass
3	5578.400	110.24	-1.60	--	--	Peak	197.00	100	Horizontal	N/A
3**	5578.400	103.00	-1.60	--	--	AV	197.00	100	Horizontal	N/A
4	7466.612	49.51	-3.31	74.0	24.49	Peak	142.00	100	Horizontal	Pass
4**	7466.612	40.46	-3.31	54.0	13.54	AV	142.00	100	Horizontal	Pass
5	12273.901	53.80	1.58	74.0	20.20	Peak	121.00	150	Horizontal	Pass
5**	12273.901	44.43	1.58	54.0	9.57	AV	121.00	150	Horizontal	Pass
6	15835.425	56.40	1.45	74.0	17.60	Peak	166.00	200	Horizontal	Pass
6**	15835.425	46.69	1.45	54.0	7.31	AV	166.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.400	39.07	-17.05	74.0	34.93	Peak	330.00	400	Vertical	Pass
1**	1535.400	29.96	-17.05	54.0	24.04	AV	330.00	400	Vertical	Pass
2	4389.000	50.19	-3.37	74.0	23.81	Peak	284.00	400	Vertical	Pass
2**	4389.000	41.76	-3.37	54.0	12.24	AV	284.00	400	Vertical	Pass
3	5578.400	104.93	-1.60	--	--	Peak	350.00	200	Vertical	N/A
3**	5578.400	97.31	-1.60	--	--	AV	350.00	200	Vertical	N/A
4	7351.037	50.40	-3.68	74.0	23.60	Peak	83.00	300	Vertical	Pass
4**	7351.037	40.14	-3.68	54.0	13.86	AV	83.00	300	Vertical	Pass
5	12241.412	53.66	1.05	74.0	20.34	Peak	360.00	200	Vertical	Pass
5**	12241.412	44.00	1.05	54.0	10.00	AV	360.00	200	Vertical	Pass
6	15845.925	55.86	1.36	74.0	18.14	Peak	342.00	200	Vertical	Pass
6**	15845.925	47.23	1.36	54.0	6.77	AV	342.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1466.700	38.85	-17.37	74.0	35.15	Peak	360.00	100	Horizontal	Pass
1**	1466.700	29.84	-17.37	54.0	24.16	AV	360.00	100	Horizontal	Pass
2	4243.800	49.92	-4.38	74.0	24.08	Peak	212.00	400	Horizontal	Pass
2**	4243.800	39.98	-4.38	54.0	14.02	AV	212.00	400	Horizontal	Pass
3	5700.200	110.38	-1.20	--	--	Peak	202.00	150	Horizontal	N/A
3**	5700.200	101.96	-1.20	--	--	AV	202.00	150	Horizontal	N/A
4	7445.625	49.75	-3.14	74.0	24.25	Peak	360.00	400	Horizontal	Pass
4**	7445.625	40.76	-3.14	54.0	13.24	AV	360.00	400	Horizontal	Pass
5	12282.237	53.57	1.79	74.0	20.43	Peak	222.00	150	Horizontal	Pass
5**	12282.237	44.46	1.79	54.0	9.54	AV	222.00	150	Horizontal	Pass
6	16074.037	56.67	1.50	74.0	17.33	Peak	262.00	400	Horizontal	Pass
6**	16074.037	46.80	1.50	54.0	7.20	AV	262.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1616.000	38.80	-17.38	74.0	35.20	Peak	263.00	300	Vertical	Pass
1**	1616.000	28.91	-17.38	54.0	25.09	AV	263.00	300	Vertical	Pass
2	4385.800	50.45	-3.33	74.0	23.55	Peak	98.00	400	Vertical	Pass
2**	4385.800	41.54	-3.33	54.0	12.46	AV	98.00	400	Vertical	Pass
3	5698.200	103.54	-1.08	--	--	Peak	0.00	150	Vertical	N/A
3**	5698.200	96.26	-1.08	--	--	AV	0.00	150	Vertical	N/A
4	7326.025	49.85	-3.43	74.0	24.15	Peak	360.00	100	Vertical	Pass
4**	7326.025	39.79	-3.43	54.0	14.21	AV	360.00	100	Vertical	Pass
5	10935.300	54.19	-0.02	74.0	19.81	Peak	130.00	100	Vertical	Pass
5**	10935.300	43.80	-0.02	54.0	10.20	AV	130.00	100	Vertical	Pass
6	15848.549	55.78	1.34	74.0	18.22	Peak	90.00	300	Vertical	Pass
6**	15848.549	47.31	1.34	54.0	6.69	AV	90.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.400	38.80	-17.22	74.0	35.20	Peak	170.00	200	Horizontal	Pass
1**	1514.400	29.18	-17.22	54.0	24.82	AV	170.00	200	Horizontal	Pass
2	4312.400	50.03	-4.12	74.0	23.97	Peak	207.00	300	Horizontal	Pass
2**	4312.400	40.61	-4.12	54.0	13.39	AV	207.00	300	Horizontal	Pass
3	5497.400	107.74	-1.56	--	--	Peak	207.00	150	Horizontal	N/A
3**	5497.400	99.63	-1.56	--	--	AV	207.00	150	Horizontal	N/A
4	7382.087	49.45	-3.36	74.0	24.55	Peak	223.00	100	Horizontal	Pass
4**	7382.087	40.43	-3.36	54.0	13.57	AV	223.00	100	Horizontal	Pass
5	12314.724	53.88	1.40	74.0	20.12	Peak	327.00	150	Horizontal	Pass
5**	12314.724	44.07	1.40	54.0	9.93	AV	327.00	150	Horizontal	Pass
6	16101.338	55.83	1.14	74.0	18.17	Peak	238.00	300	Horizontal	Pass
6**	16101.338	46.32	1.14	54.0	7.68	AV	238.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1553.200	38.61	-17.16	74.0	35.39	Peak	0.00	400	Vertical	Pass
1**	1553.200	29.34	-17.16	54.0	24.66	AV	0.00	400	Vertical	Pass
2	4288.400	50.34	-4.56	74.0	23.66	Peak	0.00	400	Vertical	Pass
2**	4288.400	41.39	-4.56	54.0	12.61	AV	0.00	400	Vertical	Pass
3	5497.200	102.34	-1.56	--	--	Peak	7.00	150	Vertical	N/A
3**	5497.200	94.61	-1.56	--	--	AV	7.00	150	Vertical	N/A
4	7282.038	50.23	-3.34	74.0	23.77	Peak	360.00	300	Vertical	Pass
4**	7282.038	40.87	-3.34	54.0	13.13	AV	360.00	300	Vertical	Pass
5	12633.850	53.32	1.30	74.0	20.68	Peak	64.00	100	Vertical	Pass
5**	12633.850	43.32	1.30	54.0	10.68	AV	64.00	100	Vertical	Pass
6	15801.037	56.23	2.32	74.0	17.77	Peak	312.00	200	Vertical	Pass
6**	15801.037	46.48	2.32	54.0	7.52	AV	312.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.300	38.70	-16.89	74.0	35.30	Peak	285.00	100	Horizontal	Pass
1**	1492.300	29.75	-16.89	54.0	24.25	AV	285.00	100	Horizontal	Pass
2	4391.400	50.30	-3.43	74.0	23.70	Peak	115.00	300	Horizontal	Pass
2**	4391.400	41.87	-3.43	54.0	12.13	AV	115.00	300	Horizontal	Pass
3	5578.800	108.11	-1.61	--	--	Peak	199.00	200	Horizontal	N/A
3**	5578.800	100.95	-1.61	--	--	AV	199.00	200	Horizontal	N/A
4	7351.325	49.71	-3.71	74.0	24.29	Peak	240.00	400	Horizontal	Pass
4**	7351.325	40.29	-3.71	54.0	13.71	AV	240.00	400	Horizontal	Pass
5	12401.549	53.12	1.55	74.0	20.88	Peak	276.00	100	Horizontal	Pass
5**	12401.549	44.89	1.55	54.0	9.11	AV	276.00	100	Horizontal	Pass
6	15808.388	55.72	2.20	74.0	18.28	Peak	227.00	100	Horizontal	Pass
6**	15808.388	46.68	2.20	54.0	7.32	AV	227.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1321.900	51.16	-16.83	74.0	22.84	Peak	86.00	150	Vertical	Pass
1**	1321.900	29.57	-16.83	54.0	24.43	AV	86.00	150	Vertical	Pass
2	4393.400	51.06	-3.70	74.0	22.94	Peak	64.00	200	Vertical	Pass
2**	4393.400	41.42	-3.70	54.0	12.58	AV	64.00	200	Vertical	Pass
3	5578.400	103.17	-1.60	--	--	Peak	352.00	200	Vertical	N/A
3**	5578.400	95.23	-1.60	--	--	AV	352.00	200	Vertical	N/A
4	7507.725	50.55	-3.10	74.0	23.45	Peak	291.00	100	Vertical	Pass
4**	7507.725	40.24	-3.10	54.0	13.76	AV	291.00	100	Vertical	Pass
5	12243.713	53.06	1.03	74.0	20.94	Peak	0.00	200	Vertical	Pass
5**	12243.713	43.25	1.03	54.0	10.75	AV	0.00	200	Vertical	Pass
6	15578.438	55.99	1.41	74.0	18.01	Peak	184.00	100	Vertical	Pass
6**	15578.438	45.50	1.41	54.0	8.50	AV	184.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.700	39.44	-16.97	74.0	34.56	Peak	108.00	200	Horizontal	Pass
1**	1501.700	29.45	-16.97	54.0	24.55	AV	108.00	200	Horizontal	Pass
2	4343.600	50.22	-3.66	74.0	23.78	Peak	184.00	300	Horizontal	Pass
2**	4343.600	41.58	-3.66	54.0	12.42	AV	184.00	300	Horizontal	Pass
3	5698.800	109.24	-1.01	--	--	Peak	233.00	150	Horizontal	N/A
3**	5698.800	102.28	-1.01	--	--	AV	233.00	150	Horizontal	N/A
4	7445.913	49.83	-3.12	74.0	24.17	Peak	230.00	100	Horizontal	Pass
4**	7445.913	40.91	-3.12	54.0	13.09	AV	230.00	100	Horizontal	Pass
5	12267.862	53.01	1.38	74.0	20.99	Peak	198.00	100	Horizontal	Pass
5**	12267.862	44.00	1.38	54.0	10.00	AV	198.00	100	Horizontal	Pass
6	15494.700	55.56	1.04	74.0	18.44	Peak	336.00	200	Horizontal	Pass
6**	15494.700	46.58	1.04	54.0	7.42	AV	336.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1553.400	38.98	-17.18	74.0	35.02	Peak	360.00	400	Vertical	Pass
1**	1553.400	29.47	-17.18	54.0	24.53	AV	360.00	400	Vertical	Pass
2	4386.000	51.36	-3.30	74.0	22.64	Peak	90.00	200	Vertical	Pass
2**	4386.000	41.47	-3.30	54.0	12.53	AV	90.00	200	Vertical	Pass
3	5698.400	103.60	-1.06	--	--	Peak	7.00	200	Vertical	N/A
3**	5698.400	96.02	-1.06	--	--	AV	7.00	200	Vertical	N/A
4	7627.612	49.46	-2.79	74.0	24.54	Peak	0.00	200	Vertical	Pass
4**	7627.612	40.94	-2.79	54.0	13.06	AV	0.00	200	Vertical	Pass
5	12298.912	52.83	1.50	74.0	21.17	Peak	299.00	100	Vertical	Pass
5**	12298.912	43.71	1.50	54.0	10.29	AV	299.00	100	Vertical	Pass
6	15822.300	55.57	1.77	74.0	18.43	Peak	264.00	100	Vertical	Pass
6**	15822.300	46.25	1.77	54.0	7.75	AV	264.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1606.800	38.79	-17.50	74.0	35.21	Peak	87.00	300	Horizontal	Pass
1**	1606.800	29.85	-17.50	54.0	24.15	AV	87.00	300	Horizontal	Pass
2	4391.800	50.44	-3.48	74.0	23.56	Peak	17.00	300	Horizontal	Pass
2**	4391.800	40.83	-3.48	54.0	13.17	AV	17.00	300	Horizontal	Pass
3	5507.000	104.46	-0.97	--	--	Peak	202.00	150	Horizontal	N/A
3**	5507.000	97.06	-0.97	--	--	AV	202.00	150	Horizontal	N/A
4	7336.663	50.73	-3.07	74.0	23.27	Peak	142.00	200	Horizontal	Pass
4**	7336.663	41.50	-3.07	54.0	12.50	AV	142.00	200	Horizontal	Pass
5	11217.625	53.05	-0.20	74.0	20.95	Peak	24.00	100	Horizontal	Pass
5**	11217.625	43.66	-0.20	54.0	10.34	AV	24.00	100	Horizontal	Pass
6	16081.912	56.95	1.60	74.0	17.05	Peak	35.00	100	Horizontal	Pass
6**	16081.912	46.69	1.60	54.0	7.31	AV	35.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1445.600	39.42	-17.23	74.0	34.58	Peak	282.00	400	Vertical	Pass
1**	1445.600	29.06	-17.23	54.0	24.94	AV	282.00	400	Vertical	Pass
2	4345.600	49.74	-4.34	74.0	24.26	Peak	121.00	100	Vertical	Pass
2**	4345.600	40.57	-4.34	54.0	13.43	AV	121.00	100	Vertical	Pass
3	5507.800	99.14	-0.95	--	--	Peak	18.00	200	Vertical	N/A
3**	5507.800	92.17	-0.95	--	--	AV	18.00	200	Vertical	N/A
4	7448.787	49.80	-3.25	74.0	24.20	Peak	165.00	100	Vertical	Pass
4**	7448.787	40.63	-3.25	54.0	13.37	AV	165.00	100	Vertical	Pass
5	12348.363	53.24	1.24	74.0	20.76	Peak	263.00	200	Vertical	Pass
5**	12348.363	43.57	1.24	54.0	10.43	AV	263.00	200	Vertical	Pass
6	15638.550	55.94	1.41	74.0	18.06	Peak	145.00	100	Vertical	Pass
6**	15638.550	45.88	1.41	54.0	8.12	AV	145.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.800	38.52	-16.84	74.0	35.48	Peak	271.00	100	Horizontal	Pass
1**	1504.800	29.79	-16.84	54.0	24.21	AV	271.00	100	Horizontal	Pass
2	4265.200	50.42	-4.48	74.0	23.58	Peak	135.00	400	Horizontal	Pass
2**	4265.200	40.90	-4.48	54.0	13.10	AV	135.00	400	Horizontal	Pass
3	5591.800	104.65	-2.21	--	--	Peak	219.00	100	Horizontal	N/A
3**	5591.800	97.63	-2.21	--	--	AV	219.00	100	Horizontal	N/A
4	7341.550	49.69	-3.12	74.0	24.31	Peak	149.00	300	Horizontal	Pass
4**	7341.550	41.95	-3.12	54.0	12.05	AV	149.00	300	Horizontal	Pass
5	11936.375	53.43	1.69	74.0	20.57	Peak	197.00	100	Horizontal	Pass
5**	11936.375	43.19	1.69	54.0	10.81	AV	197.00	100	Horizontal	Pass
6	15854.588	55.98	1.20	74.0	18.02	Peak	53.00	300	Horizontal	Pass
6**	15854.588	46.47	1.20	54.0	7.53	AV	53.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.800	39.02	-16.79	74.0	34.98	Peak	71.00	300	Vertical	Pass
1**	1490.800	29.62	-16.79	54.0	24.38	AV	71.00	300	Vertical	Pass
2	4387.000	49.81	-3.33	74.0	24.19	Peak	176.00	200	Vertical	Pass
2**	4387.000	41.64	-3.33	54.0	12.36	AV	176.00	200	Vertical	Pass
3	5587.800	98.74	-1.80	--	--	Peak	356.00	100	Vertical	N/A
3**	5587.800	91.26	-1.80	--	--	AV	356.00	100	Vertical	N/A
4	7340.112	49.71	-2.98	74.0	24.29	Peak	217.00	400	Vertical	Pass
4**	7340.112	41.16	-2.98	54.0	12.84	AV	217.00	400	Vertical	Pass
5	11494.200	52.90	0.05	74.0	21.10	Peak	0.00	100	Vertical	Pass
5**	11494.200	43.32	0.05	54.0	10.68	AV	0.00	100	Vertical	Pass
6	16164.338	55.57	1.02	74.0	18.43	Peak	360.00	200	Vertical	Pass
6**	16164.338	46.24	1.02	54.0	7.76	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1563.700	39.10	-17.18	74.0	34.90	Peak	93.00	100	Horizontal	Pass
1**	1563.700	29.36	-17.18	54.0	24.64	AV	93.00	100	Horizontal	Pass
2	4381.600	50.03	-3.59	74.0	23.97	Peak	356.00	300	Horizontal	Pass
2**	4381.600	41.90	-3.59	54.0	12.10	AV	356.00	300	Horizontal	Pass
3	5668.400	104.97	-2.58	--	--	Peak	215.00	150	Horizontal	N/A
3**	5668.400	97.95	-2.58	--	--	AV	215.00	150	Horizontal	N/A
4	7309.063	49.98	-3.53	74.0	24.02	Peak	264.00	400	Horizontal	Pass
4**	7309.063	40.21	-3.53	54.0	13.79	AV	264.00	400	Horizontal	Pass
5	12280.225	53.75	1.80	74.0	20.25	Peak	247.00	150	Horizontal	Pass
5**	12280.225	44.35	1.80	54.0	9.65	AV	247.00	150	Horizontal	Pass
6	15670.050	55.81	1.43	74.0	18.19	Peak	355.00	300	Horizontal	Pass
6**	15670.050	46.04	1.43	54.0	7.96	AV	355.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.900	39.03	-16.96	74.0	34.97	Peak	333.00	400	Vertical	Pass
1**	1457.900	29.20	-16.96	54.0	24.80	AV	333.00	400	Vertical	Pass
2	4380.000	50.79	-3.32	74.0	23.21	Peak	55.00	100	Vertical	Pass
2**	4380.000	41.83	-3.32	54.0	12.17	AV	55.00	100	Vertical	Pass
3	5668.600	99.18	-2.56	--	--	Peak	341.00	150	Vertical	N/A
3**	5668.600	91.76	-2.56	--	--	AV	341.00	150	Vertical	N/A
4	7626.175	49.71	-2.73	74.0	24.29	Peak	281.00	200	Vertical	Pass
4**	7626.175	40.23	-2.73	54.0	13.77	AV	281.00	200	Vertical	Pass
5	12310.988	53.99	1.38	74.0	20.01	Peak	298.00	150	Vertical	Pass
5**	12310.988	43.18	1.38	54.0	10.82	AV	298.00	150	Vertical	Pass
6	16103.700	55.95	1.04	74.0	18.05	Peak	280.00	100	Vertical	Pass
6**	16103.700	46.04	1.04	54.0	7.96	AV	280.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.800	38.44	-16.78	74.0	35.56	Peak	221.00	200	Horizontal	Pass
1**	1488.800	30.11	-16.78	54.0	23.89	AV	221.00	200	Horizontal	Pass
2	4352.600	50.46	-4.39	74.0	23.54	Peak	124.00	300	Horizontal	Pass
2**	4352.600	40.34	-4.39	54.0	13.66	AV	124.00	300	Horizontal	Pass
3	5501.000	107.66	-1.50	--	--	Peak	199.00	150	Horizontal	N/A
3**	5501.000	100.35	-1.50	--	--	AV	199.00	150	Horizontal	N/A
4	7338.675	50.25	-2.91	74.0	23.75	Peak	79.00	100	Horizontal	Pass
4**	7338.675	41.67	-2.91	54.0	12.33	AV	79.00	100	Horizontal	Pass
5	12314.724	54.07	1.40	74.0	19.93	Peak	214.00	150	Horizontal	Pass
5**	12314.724	44.24	1.40	54.0	9.76	AV	214.00	150	Horizontal	Pass
6	15809.700	56.18	2.17	74.0	17.82	Peak	360.00	400	Horizontal	Pass
6**	15809.700	46.66	2.17	54.0	7.34	AV	360.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.100	39.00	-16.89	74.0	35.00	Peak	264.00	400	Vertical	Pass
1**	1492.100	30.05	-16.89	54.0	23.95	AV	264.00	400	Vertical	Pass
2	4388.200	51.67	-3.41	74.0	22.33	Peak	338.00	400	Vertical	Pass
2**	4388.200	42.29	-3.41	54.0	11.71	AV	338.00	400	Vertical	Pass
3	5498.800	102.07	-1.67	--	--	Peak	360.00	150	Vertical	N/A
3**	5498.800	95.30	-1.67	--	--	AV	360.00	150	Vertical	N/A
4	7505.138	50.76	-3.03	74.0	23.24	Peak	360.00	300	Vertical	Pass
4**	7505.138	41.24	-3.03	54.0	12.76	AV	360.00	300	Vertical	Pass
5	12240.263	53.30	1.06	74.0	20.70	Peak	37.00	100	Vertical	Pass
5**	12240.263	43.68	1.06	54.0	10.32	AV	37.00	100	Vertical	Pass
6	15665.588	56.00	1.35	74.0	18.00	Peak	360.00	100	Vertical	Pass
6**	15665.588	46.26	1.35	54.0	7.74	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1566.100	38.74	-17.11	74.0	35.26	Peak	360.00	100	Horizontal	Pass
1**	1566.100	30.08	-17.11	54.0	23.92	AV	360.00	100	Horizontal	Pass
2	4384.400	50.41	-3.57	74.0	23.59	Peak	279.00	100	Horizontal	Pass
2**	4384.400	41.80	-3.57	54.0	12.20	AV	279.00	100	Horizontal	Pass
3	5578.200	108.26	-1.60	--	--	Peak	213.00	150	Horizontal	N/A
3**	5578.200	100.93	-1.60	--	--	AV	213.00	150	Horizontal	N/A
4	7280.600	49.67	-3.02	74.0	24.33	Peak	100.00	100	Horizontal	Pass
4**	7280.600	40.62	-3.02	54.0	13.38	AV	100.00	100	Horizontal	Pass
5	12286.550	52.89	1.74	74.0	21.11	Peak	46.00	150	Horizontal	Pass
5**	12286.550	44.71	1.74	54.0	9.29	AV	46.00	150	Horizontal	Pass
6	15492.862	55.96	1.00	74.0	18.04	Peak	234.00	100	Horizontal	Pass
6**	15492.862	46.30	1.00	54.0	7.70	AV	234.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.500	39.29	-16.78	74.0	34.71	Peak	170.00	100	Vertical	Pass
1**	1585.500	29.65	-16.78	54.0	24.35	AV	170.00	100	Vertical	Pass
2	4356.800	50.19	-4.15	74.0	23.81	Peak	53.00	100	Vertical	Pass
2**	4356.800	40.69	-4.15	54.0	13.31	AV	53.00	100	Vertical	Pass
3	5578.800	102.70	-1.61	--	--	Peak	360.00	100	Vertical	N/A
3**	5578.800	95.70	-1.61	--	--	AV	360.00	100	Vertical	N/A
4	7326.888	49.93	-3.40	74.0	24.07	Peak	192.00	100	Vertical	Pass
4**	7326.888	41.22	-3.40	54.0	12.78	AV	192.00	100	Vertical	Pass
5	12603.375	53.41	1.91	74.0	20.59	Peak	277.00	200	Vertical	Pass
5**	12603.375	44.67	1.91	54.0	9.33	AV	277.00	200	Vertical	Pass
6	16074.037	55.99	1.50	74.0	18.01	Peak	210.00	100	Vertical	Pass
6**	16074.037	46.09	1.50	54.0	7.91	AV	210.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.600	40.04	-17.59	74.0	33.96	Peak	164.00	300	Horizontal	Pass
1**	1600.600	28.85	-17.59	54.0	25.15	AV	164.00	300	Horizontal	Pass
2	4227.600	50.31	-3.94	74.0	23.69	Peak	342.00	400	Horizontal	Pass
2**	4227.600	40.08	-3.94	54.0	13.92	AV	342.00	400	Horizontal	Pass
3	5698.800	108.77	-1.01	--	--	Peak	242.00	100	Horizontal	N/A
3**	5698.800	102.60	-1.01	--	--	AV	242.00	100	Horizontal	N/A
4	7389.275	49.61	-3.96	74.0	24.39	Peak	134.00	300	Horizontal	Pass
4**	7389.275	40.03	-3.96	54.0	13.97	AV	134.00	300	Horizontal	Pass
5	12245.437	53.52	1.01	74.0	20.48	Peak	186.00	100	Horizontal	Pass
5**	12245.437	43.29	1.01	54.0	10.71	AV	186.00	100	Horizontal	Pass
6	16030.463	55.84	0.71	74.0	18.16	Peak	326.00	200	Horizontal	Pass
6**	16030.463	46.44	0.71	54.0	7.56	AV	326.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1577.200	38.92	-17.42	74.0	35.08	Peak	314.00	300	Vertical	Pass
1**	1577.200	29.14	-17.42	54.0	24.86	AV	314.00	300	Vertical	Pass
2	4296.600	50.34	-4.07	74.0	23.66	Peak	360.00	100	Vertical	Pass
2**	4296.600	40.65	-4.07	54.0	13.35	AV	360.00	100	Vertical	Pass
3	5698.800	102.47	-1.01	--	--	Peak	360.00	100	Vertical	N/A
3**	5698.800	95.43	-1.01	--	--	AV	360.00	100	Vertical	N/A
4	7618.125	49.63	-2.74	74.0	24.37	Peak	136.00	400	Vertical	Pass
4**	7618.125	40.51	-2.74	54.0	13.49	AV	136.00	400	Vertical	Pass
5	12401.263	53.51	1.55	74.0	20.49	Peak	0.00	200	Vertical	Pass
5**	12401.263	44.06	1.55	54.0	9.94	AV	0.00	200	Vertical	Pass
6	15840.675	56.40	1.44	74.0	17.60	Peak	115.00	400	Vertical	Pass
6**	15840.675	47.25	1.44	54.0	6.75	AV	115.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1603.600	39.82	-17.41	74.0	34.18	Peak	104.00	400	Horizontal	Pass
1**	1603.600	29.09	-17.41	54.0	24.91	AV	104.00	400	Horizontal	Pass
2	4379.600	50.84	-3.30	74.0	23.16	Peak	167.00	100	Horizontal	Pass
2**	4379.600	41.71	-3.30	54.0	12.29	AV	167.00	100	Horizontal	Pass
3	5507.800	103.53	-0.95	--	--	Peak	203.00	200	Horizontal	N/A
3**	5507.800	97.10	-0.95	--	--	AV	203.00	200	Horizontal	N/A
4	7337.525	50.51	-2.90	74.0	23.49	Peak	0.00	100	Horizontal	Pass
4**	7337.525	41.39	-2.90	54.0	12.61	AV	0.00	100	Horizontal	Pass
5	11904.463	52.94	1.61	74.0	21.06	Peak	325.00	150	Horizontal	Pass
5**	11904.463	43.96	1.61	54.0	10.04	AV	325.00	150	Horizontal	Pass
6	15566.625	56.01	1.36	74.0	17.99	Peak	39.00	300	Horizontal	Pass
6**	15566.625	45.92	1.36	54.0	8.08	AV	39.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1553.200	38.87	-17.16	74.0	35.13	Peak	174.00	100	Vertical	Pass
1**	1553.200	29.81	-17.16	54.0	24.19	AV	174.00	100	Vertical	Pass
2	4376.800	50.74	-3.78	74.0	23.26	Peak	360.00	300	Vertical	Pass
2**	4376.800	41.30	-3.78	54.0	12.70	AV	360.00	300	Vertical	Pass
3	5507.200	98.14	-0.97	--	--	Peak	357.00	200	Vertical	N/A
3**	5507.200	90.83	-0.97	--	--	AV	357.00	200	Vertical	N/A
4	7339.250	49.77	-2.93	74.0	24.23	Peak	304.00	400	Vertical	Pass
4**	7339.250	40.94	-2.93	54.0	13.06	AV	304.00	400	Vertical	Pass
5	11960.813	53.48	0.91	74.0	20.52	Peak	246.00	150	Vertical	Pass
5**	11960.813	43.98	0.91	54.0	10.02	AV	246.00	150	Vertical	Pass
6	15839.625	55.77	1.45	74.0	18.23	Peak	338.00	300	Vertical	Pass
6**	15839.625	46.92	1.45	54.0	7.08	AV	338.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1561.800	39.07	-16.77	74.0	34.93	Peak	252.00	400	Horizontal	Pass
1**	1561.800	29.05	-16.77	54.0	24.95	AV	252.00	400	Horizontal	Pass
2	4376.000	50.18	-4.05	74.0	23.82	Peak	133.00	400	Horizontal	Pass
2**	4376.000	41.24	-4.05	54.0	12.76	AV	133.00	400	Horizontal	Pass
3	5588.400	104.18	-1.84	--	--	Peak	215.00	100	Horizontal	N/A
3**	5588.400	97.50	-1.84	--	--	AV	215.00	100	Horizontal	N/A
4	7673.612	50.00	-2.31	74.0	24.00	Peak	60.00	400	Horizontal	Pass
4**	7673.612	40.69	-2.31	54.0	13.31	AV	60.00	400	Horizontal	Pass
5	12314.724	53.09	1.40	74.0	20.91	Peak	94.00	100	Horizontal	Pass
5**	12314.724	43.61	1.40	54.0	10.39	AV	94.00	100	Horizontal	Pass
6	15856.162	56.57	1.13	74.0	17.43	Peak	212.00	400	Horizontal	Pass
6**	15856.162	46.87	1.13	54.0	7.13	AV	212.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.600	39.20	-16.93	74.0	34.80	Peak	0.00	400	Vertical	Pass
1**	1622.600	29.73	-16.93	54.0	24.27	AV	0.00	400	Vertical	Pass
2	4368.800	50.13	-3.88	74.0	23.87	Peak	210.00	400	Vertical	Pass
2**	4368.800	41.39	-3.88	54.0	12.61	AV	210.00	400	Vertical	Pass
3	5587.000	98.00	-1.75	--	--	Peak	0.00	200	Vertical	N/A
3**	5587.000	90.61	-1.75	--	--	AV	0.00	200	Vertical	N/A
4	7692.013	50.30	-2.47	74.0	23.70	Peak	207.00	200	Vertical	Pass
4**	7692.013	40.41	-2.47	54.0	13.59	AV	207.00	200	Vertical	Pass
5	12404.138	53.74	1.50	74.0	20.26	Peak	345.00	200	Vertical	Pass
5**	12404.138	43.75	1.50	54.0	10.25	AV	345.00	200	Vertical	Pass
6	16107.900	56.15	0.86	74.0	17.85	Peak	240.00	200	Vertical	Pass
6**	16107.900	46.56	0.86	54.0	7.44	AV	240.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.200	38.79	-17.21	74.0	35.21	Peak	157.00	200	Horizontal	Pass
1**	1461.200	29.27	-17.21	54.0	24.73	AV	157.00	200	Horizontal	Pass
2	4297.200	50.05	-3.99	74.0	23.95	Peak	327.00	300	Horizontal	Pass
2**	4297.200	40.97	-3.99	54.0	13.03	AV	327.00	300	Horizontal	Pass
3	5673.000	104.14	-2.20	--	--	Peak	228.00	200	Horizontal	N/A
3**	5673.000	97.08	-2.20	--	--	AV	228.00	200	Horizontal	N/A
4	7338.962	50.17	-2.92	74.0	23.83	Peak	197.00	200	Horizontal	Pass
4**	7338.962	41.35	-2.92	54.0	12.65	AV	197.00	200	Horizontal	Pass
5	12533.224	53.51	1.28	74.0	20.49	Peak	49.00	100	Horizontal	Pass
5**	12533.224	43.48	1.28	54.0	10.52	AV	49.00	100	Horizontal	Pass
6	15644.849	55.56	1.24	74.0	18.44	Peak	38.00	200	Horizontal	Pass
6**	15644.849	46.26	1.24	54.0	7.74	AV	38.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1463.200	38.98	-17.38	74.0	35.02	Peak	138.00	200	Vertical	Pass
1**	1463.200	28.52	-17.38	54.0	25.48	AV	138.00	200	Vertical	Pass
2	4390.200	51.26	-3.31	74.0	22.74	Peak	198.00	200	Vertical	Pass
2**	4390.200	41.26	-3.31	54.0	12.74	AV	198.00	200	Vertical	Pass
3	5667.600	98.20	-2.65	--	--	Peak	360.00	200	Vertical	N/A
3**	5667.600	90.84	-2.65	--	--	AV	360.00	200	Vertical	N/A
4	7346.438	49.87	-3.56	74.0	24.13	Peak	96.00	300	Vertical	Pass
4**	7346.438	40.29	-3.56	54.0	13.71	AV	96.00	300	Vertical	Pass
5	12302.075	53.43	1.44	74.0	20.57	Peak	41.00	200	Vertical	Pass
5**	12302.075	43.79	1.44	54.0	10.21	AV	41.00	200	Vertical	Pass
6	15808.125	56.52	2.20	74.0	17.48	Peak	178.00	300	Vertical	Pass
6**	15808.125	46.46	2.20	54.0	7.54	AV	178.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.600	38.85	-16.84	74.0	35.15	Peak	199.00	200	Horizontal	Pass
1**	1505.600	30.21	-16.84	54.0	23.79	AV	199.00	200	Horizontal	Pass
2	4362.600	49.92	-4.29	74.0	24.08	Peak	21.00	300	Horizontal	Pass
2**	4362.600	40.08	-4.29	54.0	13.92	AV	21.00	300	Horizontal	Pass
3	5536.800	99.60	-1.81	--	--	Peak	215.00	200	Horizontal	N/A
3**	5536.800	91.94	-1.81	--	--	AV	215.00	200	Horizontal	N/A
4	7335.513	49.62	-3.28	74.0	24.38	Peak	346.00	100	Horizontal	Pass
4**	7335.513	40.10	-3.28	54.0	13.90	AV	346.00	100	Horizontal	Pass
5	12278.500	53.34	1.75	74.0	20.66	Peak	291.00	150	Horizontal	Pass
5**	12278.500	44.68	1.75	54.0	9.32	AV	291.00	150	Horizontal	Pass
6	15804.450	56.26	2.28	74.0	17.74	Peak	80.00	300	Horizontal	Pass
6**	15804.450	47.03	2.28	54.0	6.97	AV	80.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1591.000	38.67	-17.29	74.0	35.33	Peak	339.00	200	Vertical	Pass
1**	1591.000	28.86	-17.29	54.0	25.14	AV	339.00	200	Vertical	Pass
2	4378.400	50.28	-3.42	74.0	23.72	Peak	98.00	200	Vertical	Pass
2**	4378.400	41.02	-3.42	54.0	12.98	AV	98.00	200	Vertical	Pass
3	5536.400	94.69	-1.80	--	--	Peak	7.00	200	Vertical	N/A
3**	5536.400	87.10	-1.80	--	--	AV	7.00	200	Vertical	N/A
4	7337.812	50.71	-2.88	74.0	23.29	Peak	242.00	200	Vertical	Pass
4**	7337.812	41.96	-2.88	54.0	12.04	AV	242.00	200	Vertical	Pass
5	11954.201	53.64	1.20	74.0	20.36	Peak	122.00	200	Vertical	Pass
5**	11954.201	44.75	1.20	54.0	9.25	AV	122.00	200	Vertical	Pass
6	16127.325	56.03	0.90	74.0	17.97	Peak	315.00	200	Vertical	Pass
6**	16127.325	45.86	0.90	54.0	8.14	AV	315.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.100	39.46	-16.91	74.0	34.54	Peak	254.00	400	Horizontal	Pass
1**	1504.100	29.62	-16.91	54.0	24.38	AV	254.00	400	Horizontal	Pass
2	4387.400	49.86	-3.35	74.0	24.14	Peak	83.00	300	Horizontal	Pass
2**	4387.400	41.63	-3.35	54.0	12.37	AV	83.00	300	Horizontal	Pass
3	5608.400	100.39	-1.81	--	--	Peak	215.00	100	Horizontal	N/A
3**	5608.400	93.03	-1.81	--	--	AV	215.00	100	Horizontal	N/A
4	7316.250	49.77	-3.40	74.0	24.23	Peak	255.00	100	Horizontal	Pass
4**	7316.250	40.16	-3.40	54.0	13.84	AV	255.00	100	Horizontal	Pass
5	12328.526	54.22	1.42	74.0	19.78	Peak	166.00	100	Horizontal	Pass
5**	12328.526	44.69	1.42	54.0	9.31	AV	166.00	100	Horizontal	Pass
6	15850.651	55.69	1.31	74.0	18.31	Peak	38.00	100	Horizontal	Pass
6**	15850.651	46.77	1.31	54.0	7.23	AV	38.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.300	38.70	-16.75	74.0	35.30	Peak	94.00	200	Vertical	Pass
1**	1489.300	29.41	-16.75	54.0	24.59	AV	94.00	200	Vertical	Pass
2	4374.600	49.95	-4.04	74.0	24.05	Peak	260.00	400	Vertical	Pass
2**	4374.600	40.59	-4.04	54.0	13.41	AV	260.00	400	Vertical	Pass
3	5616.600	94.67	-1.98	--	--	Peak	358.00	150	Vertical	N/A
3**	5616.600	87.28	-1.98	--	--	AV	358.00	150	Vertical	N/A
4	7679.363	49.77	-2.43	74.0	24.23	Peak	192.00	400	Vertical	Pass
4**	7679.363	40.94	-2.43	54.0	13.06	AV	192.00	400	Vertical	Pass
5	12396.375	52.60	1.60	74.0	21.40	Peak	311.00	200	Vertical	Pass
5**	12396.375	43.92	1.60	54.0	10.08	AV	311.00	200	Vertical	Pass
6	16181.662	56.05	1.51	74.0	17.95	Peak	212.00	100	Vertical	Pass
6**	16181.662	47.01	1.51	54.0	6.99	AV	212.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.700	38.75	-16.97	74.0	35.25	Peak	360.00	100	Horizontal	Pass
1**	1501.700	30.23	-16.97	54.0	23.77	AV	360.00	100	Horizontal	Pass
2	4382.000	51.45	-3.64	74.0	22.55	Peak	63.00	200	Horizontal	Pass
2**	4382.000	41.54	-3.64	54.0	12.46	AV	63.00	200	Horizontal	Pass
3	5746.400	111.31	-2.21	--	--	Peak	218.00	150	Horizontal	N/A
3**	5746.400	104.30	-2.21	--	--	AV	218.00	150	Horizontal	N/A
4	7687.125	49.95	-2.08	74.0	24.05	Peak	0.00	100	Horizontal	Pass
4**	7687.125	40.98	-2.08	54.0	13.02	AV	0.00	100	Horizontal	Pass
5	12613.151	53.22	1.88	74.0	20.78	Peak	51.00	100	Horizontal	Pass
5**	12613.151	44.72	1.88	54.0	9.28	AV	51.00	100	Horizontal	Pass
6	15835.950	56.22	1.45	74.0	17.78	Peak	132.00	400	Horizontal	Pass
6**	15835.950	47.41	1.45	54.0	6.59	AV	132.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1579.400	39.03	-17.46	74.0	34.97	Peak	297.00	300	Vertical	Pass
1**	1579.400	28.52	-17.46	54.0	25.48	AV	297.00	300	Vertical	Pass
2	3989.200	50.10	-4.72	74.0	23.90	Peak	286.00	200	Vertical	Pass
2**	3989.200	39.57	-4.72	54.0	14.43	AV	286.00	200	Vertical	Pass
3	5743.600	104.06	-2.09	--	--	Peak	341.00	100	Vertical	N/A
3**	5743.600	97.26	-2.09	--	--	AV	341.00	100	Vertical	N/A
4	7331.200	50.13	-3.38	74.0	23.87	Peak	264.00	200	Vertical	Pass
4**	7331.200	40.73	-3.38	54.0	13.27	AV	264.00	200	Vertical	Pass
5	11940.688	53.26	1.67	74.0	20.74	Peak	329.00	150	Vertical	Pass
5**	11940.688	43.89	1.67	54.0	10.11	AV	329.00	150	Vertical	Pass
6	15806.812	56.09	2.23	74.0	17.91	Peak	15.00	400	Vertical	Pass
6**	15806.812	46.94	2.23	54.0	7.06	AV	15.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1576.900	39.31	-17.39	74.0	34.69	Peak	212.00	200	Horizontal	Pass
1**	1576.900	28.73	-17.39	54.0	25.27	AV	212.00	200	Horizontal	Pass
2	4386.200	50.58	-3.27	74.0	23.42	Peak	267.00	200	Horizontal	Pass
2**	4386.200	41.98	-3.27	54.0	12.02	AV	267.00	200	Horizontal	Pass
3	5783.200	111.10	-1.46	--	--	Peak	222.00	150	Horizontal	N/A
3**	5783.200	103.91	-1.46	--	--	AV	222.00	150	Horizontal	N/A
4	7450.225	49.69	-3.20	74.0	24.31	Peak	116.00	400	Horizontal	Pass
4**	7450.225	40.75	-3.20	54.0	13.25	AV	116.00	400	Horizontal	Pass
5	11213.312	53.57	-0.20	74.0	20.43	Peak	29.00	100	Horizontal	Pass
5**	11213.312	42.91	-0.20	54.0	11.09	AV	29.00	100	Horizontal	Pass
6	15993.975	55.66	0.23	74.0	18.34	Peak	166.00	300	Horizontal	Pass
6**	15993.975	45.12	0.23	54.0	8.88	AV	166.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1610.100	39.13	-17.21	74.0	34.87	Peak	316.00	100	Vertical	Pass
1**	1610.100	29.39	-17.21	54.0	24.61	AV	316.00	100	Vertical	Pass
2	4389.400	50.81	-3.35	74.0	23.19	Peak	190.00	300	Vertical	Pass
2**	4389.400	40.57	-3.35	54.0	13.43	AV	190.00	300	Vertical	Pass
3	5783.800	104.01	-1.54	--	--	Peak	351.00	100	Vertical	N/A
3**	5783.800	96.66	-1.54	--	--	AV	351.00	100	Vertical	N/A
4	7338.962	49.80	-2.92	74.0	24.20	Peak	121.00	100	Vertical	Pass
4**	7338.962	41.12	-2.92	54.0	12.88	AV	121.00	100	Vertical	Pass
5	12604.812	53.25	1.92	74.0	20.75	Peak	5.00	200	Vertical	Pass
5**	12604.812	44.23	1.92	54.0	9.77	AV	5.00	200	Vertical	Pass
6	15838.050	56.38	1.45	74.0	17.62	Peak	58.00	100	Vertical	Pass
6**	15838.050	46.55	1.45	54.0	7.45	AV	58.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.600	38.73	-16.79	74.0	35.27	Peak	115.00	300	Horizontal	Pass
1**	1585.600	29.45	-16.79	54.0	24.55	AV	115.00	300	Horizontal	Pass
2	4231.200	50.10	-3.79	74.0	23.90	Peak	58.00	100	Horizontal	Pass
2**	4231.200	40.23	-3.79	54.0	13.77	AV	58.00	100	Horizontal	Pass
3	5824.000	110.93	-2.13	--	--	Peak	246.00	100	Horizontal	N/A
3**	5824.000	103.79	-2.13	--	--	AV	246.00	100	Horizontal	N/A
4	7725.075	49.67	-2.44	74.0	24.33	Peak	83.00	300	Horizontal	Pass
4**	7725.075	40.74	-2.44	54.0	13.26	AV	83.00	300	Horizontal	Pass
5	12289.424	53.04	1.68	74.0	20.96	Peak	136.00	100	Horizontal	Pass
5**	12289.424	44.47	1.68	54.0	9.53	AV	136.00	100	Horizontal	Pass
6	15814.425	56.32	2.07	74.0	17.68	Peak	57.00	200	Horizontal	Pass
6**	15814.425	46.47	2.07	54.0	7.53	AV	57.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.400	39.74	-17.20	74.0	34.26	Peak	263.00	100	Vertical	Pass
1**	1510.400	30.61	-17.20	54.0	23.39	AV	263.00	100	Vertical	Pass
2	3961.800	50.26	-4.74	74.0	23.74	Peak	193.00	200	Vertical	Pass
2**	3961.800	40.42	-4.74	54.0	13.58	AV	193.00	200	Vertical	Pass
3	5826.600	104.12	-2.01	--	--	Peak	349.00	100	Vertical	N/A
3**	5826.600	96.31	-2.01	--	--	AV	349.00	100	Vertical	N/A
4	7324.013	49.78	-3.41	74.0	24.22	Peak	254.00	100	Vertical	Pass
4**	7324.013	41.88	-3.41	54.0	12.12	AV	254.00	100	Vertical	Pass
5	12383.150	53.22	1.50	74.0	20.78	Peak	155.00	150	Vertical	Pass
5**	12383.150	43.55	1.50	54.0	10.45	AV	155.00	150	Vertical	Pass
6	15517.799	56.17	1.39	74.0	17.83	Peak	214.00	400	Vertical	Pass
6**	15517.799	45.93	1.39	54.0	8.07	AV	214.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1588.800	38.89	-17.13	74.0	35.11	Peak	0.00	100	Horizontal	Pass
1**	1588.800	29.37	-17.13	54.0	24.63	AV	0.00	100	Horizontal	Pass
2	4384.400	50.00	-3.57	74.0	24.00	Peak	0.00	300	Horizontal	Pass
2**	4384.400	40.70	-3.57	54.0	13.30	AV	0.00	300	Horizontal	Pass
3	5743.800	110.05	-2.07	--	--	Peak	222.00	200	Horizontal	N/A
3**	5743.800	103.14	-2.07	--	--	AV	222.00	200	Horizontal	N/A
4	7333.788	49.71	-3.14	74.0	24.29	Peak	171.00	400	Horizontal	Pass
4**	7333.788	41.78	-3.14	54.0	12.22	AV	171.00	400	Horizontal	Pass
5	12410.174	53.70	1.44	74.0	20.30	Peak	135.00	200	Horizontal	Pass
5**	12410.174	44.32	1.44	54.0	9.68	AV	135.00	200	Horizontal	Pass
6	16020.225	55.81	0.53	74.0	18.19	Peak	297.00	100	Horizontal	Pass
6**	16020.225	46.58	0.53	54.0	7.42	AV	297.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.000	38.95	-17.05	74.0	35.05	Peak	28.00	100	Vertical	Pass
1**	1572.000	29.57	-17.05	54.0	24.43	AV	28.00	100	Vertical	Pass
2	4381.600	50.52	-3.59	74.0	23.48	Peak	272.00	300	Vertical	Pass
2**	4381.600	41.26	-3.59	54.0	12.74	AV	272.00	300	Vertical	Pass
3	5746.800	103.37	-2.21	--	--	Peak	348.00	200	Vertical	N/A
3**	5746.800	96.01	-2.21	--	--	AV	348.00	200	Vertical	N/A
4	7346.150	50.19	-3.53	74.0	23.81	Peak	17.00	100	Vertical	Pass
4**	7346.150	40.38	-3.53	54.0	13.62	AV	17.00	100	Vertical	Pass
5	12279.650	53.40	1.79	74.0	20.60	Peak	148.00	150	Vertical	Pass
5**	12279.650	44.50	1.79	54.0	9.50	AV	148.00	150	Vertical	Pass
6	16102.651	56.20	1.08	74.0	17.80	Peak	73.00	300	Vertical	Pass
6**	16102.651	46.23	1.08	54.0	7.77	AV	73.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1562.600	39.05	-16.87	74.0	34.95	Peak	300.00	300	Horizontal	Pass
1**	1562.600	29.60	-16.87	54.0	24.40	AV	300.00	300	Horizontal	Pass
2	4392.400	50.89	-3.55	74.0	23.11	Peak	345.00	400	Horizontal	Pass
2**	4392.400	41.61	-3.55	54.0	12.39	AV	345.00	400	Horizontal	Pass
3	5783.400	109.94	-1.48	--	--	Peak	228.00	200	Horizontal	N/A
3**	5783.400	102.55	-1.48	--	--	AV	228.00	200	Horizontal	N/A
4	7347.588	50.67	-3.70	74.0	23.33	Peak	100.00	100	Horizontal	Pass
4**	7347.588	40.68	-3.70	54.0	13.32	AV	100.00	100	Horizontal	Pass
5	12346.350	53.21	1.27	74.0	20.79	Peak	149.00	150	Horizontal	Pass
5**	12346.350	44.07	1.27	54.0	9.93	AV	149.00	150	Horizontal	Pass
6	15832.275	56.14	1.48	74.0	17.86	Peak	71.00	300	Horizontal	Pass
6**	15832.275	46.85	1.48	54.0	7.15	AV	71.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1548.500	38.97	-17.35	74.0	35.03	Peak	145.00	400	Vertical	Pass
1**	1548.500	28.64	-17.35	54.0	25.36	AV	145.00	400	Vertical	Pass
2	4391.600	50.35	-3.45	74.0	23.65	Peak	0.00	300	Vertical	Pass
2**	4391.600	41.35	-3.45	54.0	12.65	AV	0.00	300	Vertical	Pass
3	5786.800	102.72	-1.67	--	--	Peak	349.00	150	Vertical	N/A
3**	5786.800	95.74	-1.67	--	--	AV	349.00	150	Vertical	N/A
4	7338.387	50.36	-2.90	74.0	23.64	Peak	40.00	100	Vertical	Pass
4**	7338.387	41.46	-2.90	54.0	12.54	AV	40.00	100	Vertical	Pass
5	12235.950	53.67	1.14	74.0	20.33	Peak	186.00	200	Vertical	Pass
5**	12235.950	43.60	1.14	54.0	10.40	AV	186.00	200	Vertical	Pass
6	16081.388	55.72	1.61	74.0	18.28	Peak	260.00	200	Vertical	Pass
6**	16081.388	47.39	1.61	54.0	6.61	AV	260.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.900	38.87	-17.36	74.0	35.13	Peak	288.00	300	Horizontal	Pass
1**	1524.900	28.51	-17.36	54.0	25.49	AV	288.00	300	Horizontal	Pass
2	4386.600	50.66	-3.30	74.0	23.34	Peak	118.00	400	Horizontal	Pass
2**	4386.600	42.03	-3.30	54.0	11.97	AV	118.00	400	Horizontal	Pass
3	5823.600	109.75	-2.13	--	--	Peak	231.00	200	Horizontal	N/A
3**	5823.600	102.09	-2.13	--	--	AV	231.00	200	Horizontal	N/A
4	7421.188	49.91	-3.31	74.0	24.09	Peak	43.00	400	Horizontal	Pass
4**	7421.188	39.68	-3.31	54.0	14.32	AV	43.00	400	Horizontal	Pass
5	11634.787	53.65	-0.21	74.0	20.35	Peak	177.00	200	Horizontal	Pass
5**	11634.787	43.07	-0.21	54.0	10.93	AV	177.00	200	Horizontal	Pass
6	16069.049	55.84	1.30	74.0	18.16	Peak	360.00	200	Horizontal	Pass
6**	16069.049	46.41	1.30	54.0	7.59	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.900	39.16	-16.88	74.0	34.84	Peak	41.00	100	Vertical	Pass
1**	1491.900	29.62	-16.88	54.0	24.38	AV	41.00	100	Vertical	Pass
2	4273.000	49.98	-4.96	74.0	24.02	Peak	63.00	300	Vertical	Pass
2**	4273.000	40.31	-4.96	54.0	13.69	AV	63.00	300	Vertical	Pass
3	5826.200	102.37	-2.03	--	--	Peak	345.00	200	Vertical	N/A
3**	5826.200	95.58	-2.03	--	--	AV	345.00	200	Vertical	N/A
4	7450.225	50.08	-3.20	74.0	23.92	Peak	90.00	300	Vertical	Pass
4**	7450.225	40.82	-3.20	54.0	13.18	AV	90.00	300	Vertical	Pass
5	12237.674	53.28	1.11	74.0	20.72	Peak	261.00	200	Vertical	Pass
5**	12237.674	43.86	1.11	54.0	10.14	AV	261.00	200	Vertical	Pass
6	15512.813	56.08	1.42	74.0	17.92	Peak	37.00	300	Vertical	Pass
6**	15512.813	47.21	1.42	54.0	6.79	AV	37.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	39.53	-16.92	74.0	34.47	Peak	146.00	200	Horizontal	Pass
1**	1500.100	29.79	-16.92	54.0	24.21	AV	146.00	200	Horizontal	Pass
2	4379.000	50.66	-3.36	74.0	23.34	Peak	124.00	300	Horizontal	Pass
2**	4379.000	41.44	-3.36	54.0	12.56	AV	124.00	300	Horizontal	Pass
3	5757.400	106.45	-1.74	--	--	Peak	216.00	150	Horizontal	N/A
3**	5757.400	98.55	-1.74	--	--	AV	216.00	150	Horizontal	N/A
4	7339.825	49.73	-2.95	74.0	24.27	Peak	62.00	300	Horizontal	Pass
4**	7339.825	41.39	-2.95	54.0	12.61	AV	62.00	300	Horizontal	Pass
5	11216.763	53.47	-0.19	74.0	20.53	Peak	291.00	150	Horizontal	Pass
5**	11216.763	43.59	-0.19	54.0	10.41	AV	291.00	150	Horizontal	Pass
6	15510.450	55.97	1.44	74.0	18.03	Peak	160.00	400	Horizontal	Pass
6**	15510.450	45.91	1.44	54.0	8.09	AV	160.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1559.400	39.34	-16.95	74.0	34.66	Peak	103.00	200	Vertical	Pass
1**	1559.400	29.35	-16.95	54.0	24.65	AV	103.00	200	Vertical	Pass
2	4380.800	50.09	-3.46	74.0	23.91	Peak	291.00	100	Vertical	Pass
2**	4380.800	41.46	-3.46	54.0	12.54	AV	291.00	100	Vertical	Pass
3	5752.600	99.35	-1.93	--	--	Peak	356.00	100	Vertical	N/A
3**	5752.600	92.23	-1.93	--	--	AV	356.00	100	Vertical	N/A
4	7501.975	49.83	-3.09	74.0	24.17	Peak	311.00	400	Vertical	Pass
4**	7501.975	40.04	-3.09	54.0	13.96	AV	311.00	400	Vertical	Pass
5	12325.937	53.16	1.42	74.0	20.84	Peak	124.00	150	Vertical	Pass
5**	12325.937	44.09	1.42	54.0	9.91	AV	124.00	150	Vertical	Pass
6	15797.100	55.88	2.24	74.0	18.12	Peak	193.00	400	Vertical	Pass
6**	15797.100	46.98	2.24	54.0	7.02	AV	193.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.200	38.74	-17.06	74.0	35.26	Peak	33.00	400	Horizontal	Pass
1**	1611.200	30.06	-17.06	54.0	23.94	AV	33.00	400	Horizontal	Pass
2	4389.400	50.68	-3.35	74.0	23.32	Peak	272.00	400	Horizontal	Pass
2**	4389.400	41.30	-3.35	54.0	12.70	AV	272.00	400	Horizontal	Pass
3	5797.800	105.47	-1.69	--	--	Peak	230.00	100	Horizontal	N/A
3**	5797.800	97.85	-1.69	--	--	AV	230.00	100	Horizontal	N/A
4	7338.962	49.87	-2.92	74.0	24.13	Peak	259.00	300	Horizontal	Pass
4**	7338.962	40.90	-2.92	54.0	13.10	AV	259.00	300	Horizontal	Pass
5	12591.013	53.39	1.69	74.0	20.61	Peak	312.00	200	Horizontal	Pass
5**	12591.013	43.23	1.69	54.0	10.77	AV	312.00	200	Horizontal	Pass
6	15836.213	55.66	1.45	74.0	18.34	Peak	199.00	200	Horizontal	Pass
6**	15836.213	46.86	1.45	54.0	7.14	AV	199.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1604.400	39.38	-17.45	74.0	34.62	Peak	18.00	400	Vertical	Pass
1**	1604.400	28.80	-17.45	54.0	25.20	AV	18.00	400	Vertical	Pass
2	3718.800	50.26	-5.04	74.0	23.74	Peak	42.00	200	Vertical	Pass
2**	3718.800	39.47	-5.04	54.0	14.53	AV	42.00	200	Vertical	Pass
3	5797.200	98.70	-1.72	--	--	Peak	348.00	100	Vertical	N/A
3**	5797.200	91.38	-1.72	--	--	AV	348.00	100	Vertical	N/A
4	7617.263	49.69	-2.66	74.0	24.31	Peak	123.00	400	Vertical	Pass
4**	7617.263	40.29	-2.66	54.0	13.71	AV	123.00	400	Vertical	Pass
5	11965.412	53.31	0.85	74.0	20.69	Peak	227.00	200	Vertical	Pass
5**	11965.412	43.52	0.85	54.0	10.48	AV	227.00	200	Vertical	Pass
6	16042.800	56.19	0.77	74.0	17.81	Peak	178.00	100	Vertical	Pass
6**	16042.800	46.90	0.77	54.0	7.10	AV	178.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.400	39.42	-17.13	74.0	34.58	Peak	80.00	300	Horizontal	Pass
1**	1481.400	29.80	-17.13	54.0	24.20	AV	80.00	300	Horizontal	Pass
2	4344.200	50.42	-3.84	74.0	23.58	Peak	277.00	200	Horizontal	Pass
2**	4344.200	40.86	-3.84	54.0	13.14	AV	277.00	200	Horizontal	Pass
3	5746.600	109.82	-2.21	--	--	Peak	223.00	150	Horizontal	N/A
3**	5746.600	102.45	-2.21	--	--	AV	223.00	150	Horizontal	N/A
4	7360.813	50.00	-3.81	74.0	24.00	Peak	247.00	300	Horizontal	Pass
4**	7360.813	40.06	-3.81	54.0	13.94	AV	247.00	300	Horizontal	Pass
5	12322.775	53.35	1.42	74.0	20.65	Peak	93.00	200	Horizontal	Pass
5**	12322.775	44.86	1.42	54.0	9.14	AV	93.00	200	Horizontal	Pass
6	15675.037	55.74	1.54	74.0	18.26	Peak	356.00	400	Horizontal	Pass
6**	15675.037	46.97	1.54	54.0	7.03	AV	356.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1618.600	38.48	-17.39	74.0	35.52	Peak	135.00	300	Vertical	Pass
1**	1618.600	29.24	-17.39	54.0	24.76	AV	135.00	300	Vertical	Pass
2	4308.200	50.54	-4.27	74.0	23.46	Peak	119.00	100	Vertical	Pass
2**	4308.200	40.73	-4.27	54.0	13.27	AV	119.00	100	Vertical	Pass
3	5743.800	103.04	-2.07	--	--	Peak	353.00	150	Vertical	N/A
3**	5743.800	96.01	-2.07	--	--	AV	353.00	150	Vertical	N/A
4	7449.937	49.87	-3.21	74.0	24.13	Peak	329.00	200	Vertical	Pass
4**	7449.937	40.40	-3.21	54.0	13.60	AV	329.00	200	Vertical	Pass
5	11956.787	53.01	1.08	74.0	20.99	Peak	6.00	100	Vertical	Pass
5**	11956.787	43.37	1.08	54.0	10.63	AV	6.00	100	Vertical	Pass
6	16159.875	55.91	0.93	74.0	18.09	Peak	291.00	400	Vertical	Pass
6**	16159.875	46.26	0.93	54.0	7.74	AV	291.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.800	38.91	-16.84	74.0	35.09	Peak	54.00	400	Horizontal	Pass
1**	1621.800	30.05	-16.84	54.0	23.95	AV	54.00	400	Horizontal	Pass
2	3781.400	50.00	-5.25	74.0	24.00	Peak	73.00	200	Horizontal	Pass
2**	3781.400	39.81	-5.25	54.0	14.19	AV	73.00	200	Horizontal	Pass
3	5784.000	109.70	-1.57	--	--	Peak	219.00	100	Horizontal	N/A
3**	5784.000	102.16	-1.57	--	--	AV	219.00	100	Horizontal	N/A
4	7361.675	49.64	-3.82	74.0	24.36	Peak	234.00	200	Horizontal	Pass
4**	7361.675	40.16	-3.82	54.0	13.84	AV	234.00	200	Horizontal	Pass
5	11999.912	52.92	1.28	74.0	21.08	Peak	211.00	100	Horizontal	Pass
5**	11999.912	43.26	1.28	54.0	10.74	AV	211.00	100	Horizontal	Pass
6	15481.312	55.71	0.93	74.0	18.29	Peak	350.00	400	Horizontal	Pass
6**	15481.312	46.26	0.93	54.0	7.74	AV	350.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1465.200	38.96	-17.40	74.0	35.04	Peak	326.00	200	Vertical	Pass
1**	1465.200	29.35	-17.40	54.0	24.65	AV	326.00	200	Vertical	Pass
2	4365.000	49.92	-3.92	74.0	24.08	Peak	360.00	400	Vertical	Pass
2**	4365.000	40.72	-3.92	54.0	13.28	AV	360.00	400	Vertical	Pass
3	5783.000	102.52	-1.43	--	--	Peak	332.00	200	Vertical	N/A
3**	5783.000	94.61	-1.43	--	--	AV	332.00	200	Vertical	N/A
4	7680.225	49.87	-2.46	74.0	24.13	Peak	45.00	200	Vertical	Pass
4**	7680.225	40.90	-2.46	54.0	13.10	AV	45.00	200	Vertical	Pass
5	12613.151	53.81	1.88	74.0	20.19	Peak	347.00	200	Vertical	Pass
5**	12613.151	43.89	1.88	54.0	10.11	AV	347.00	200	Vertical	Pass
6	16100.550	56.65	1.18	74.0	17.35	Peak	221.00	400	Vertical	Pass
6**	16100.550	46.03	1.18	54.0	7.97	AV	221.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1467.300	38.56	-17.36	74.0	35.44	Peak	360.00	300	Horizontal	Pass
1**	1467.300	29.34	-17.36	54.0	24.66	AV	360.00	300	Horizontal	Pass
2	4380.000	50.75	-3.32	74.0	23.25	Peak	142.00	300	Horizontal	Pass
2**	4380.000	42.18	-3.32	54.0	11.82	AV	142.00	300	Horizontal	Pass
3	5823.600	109.50	-2.13	--	--	Peak	241.00	100	Horizontal	N/A
3**	5823.600	102.59	-2.13	--	--	AV	241.00	100	Horizontal	N/A
4	7344.425	49.84	-3.47	74.0	24.16	Peak	278.00	400	Horizontal	Pass
4**	7344.425	39.90	-3.47	54.0	14.10	AV	278.00	400	Horizontal	Pass
5	12035.276	53.50	0.80	74.0	20.50	Peak	1.00	150	Horizontal	Pass
5**	12035.276	43.04	0.80	54.0	10.96	AV	1.00	150	Horizontal	Pass
6	16141.500	56.01	1.03	74.0	17.99	Peak	0.00	100	Horizontal	Pass
6**	16141.500	45.70	1.03	54.0	8.30	AV	0.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.000	38.72	-16.86	74.0	35.28	Peak	278.00	200	Vertical	Pass
1**	1484.000	29.12	-16.86	54.0	24.88	AV	278.00	200	Vertical	Pass
2	4387.400	50.12	-3.35	74.0	23.88	Peak	175.00	300	Vertical	Pass
2**	4387.400	41.28	-3.35	54.0	12.72	AV	175.00	300	Vertical	Pass
3	5823.800	102.18	-2.13	--	--	Peak	342.00	100	Vertical	N/A
3**	5823.800	94.86	-2.13	--	--	AV	342.00	100	Vertical	N/A
4	7395.313	49.79	-3.91	74.0	24.21	Peak	257.00	300	Vertical	Pass
4**	7395.313	40.34	-3.91	54.0	13.66	AV	257.00	300	Vertical	Pass
5	12604.526	53.33	1.91	74.0	20.67	Peak	0.00	100	Vertical	Pass
5**	12604.526	44.43	1.91	54.0	9.57	AV	0.00	100	Vertical	Pass
6	15618.862	56.03	1.60	74.0	17.97	Peak	280.00	200	Vertical	Pass
6**	15618.862	46.21	1.60	54.0	7.79	AV	280.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1448.900	38.80	-17.26	74.0	35.20	Peak	249.00	400	Horizontal	Pass
1**	1448.900	29.61	-17.26	54.0	24.39	AV	249.00	400	Horizontal	Pass
2	4369.600	50.02	-3.97	74.0	23.98	Peak	312.00	300	Horizontal	Pass
2**	4369.600	40.72	-3.97	54.0	13.28	AV	312.00	300	Horizontal	Pass
3	5757.600	105.52	-1.72	--	--	Peak	223.00	200	Horizontal	N/A
3**	5757.600	97.12	-1.72	--	--	AV	223.00	200	Horizontal	N/A
4	7339.825	50.47	-2.95	74.0	23.53	Peak	216.00	200	Horizontal	Pass
4**	7339.825	41.53	-2.95	54.0	12.47	AV	216.00	200	Horizontal	Pass
5	12005.088	53.13	1.29	74.0	20.87	Peak	329.00	100	Horizontal	Pass
5**	12005.088	43.36	1.29	54.0	10.64	AV	329.00	100	Horizontal	Pass
6	15832.800	55.61	1.47	74.0	18.39	Peak	72.00	400	Horizontal	Pass
6**	15832.800	47.02	1.47	54.0	6.98	AV	72.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.200	38.40	-17.07	74.0	35.60	Peak	133.00	200	Vertical	Pass
1**	1596.200	30.29	-17.07	54.0	23.71	AV	133.00	200	Vertical	Pass
2	4300.200	50.01	-4.21	74.0	23.99	Peak	231.00	100	Vertical	Pass
2**	4300.200	40.21	-4.21	54.0	13.79	AV	231.00	100	Vertical	Pass
3	5758.000	98.25	-1.67	--	--	Peak	345.00	150	Vertical	N/A
3**	5758.000	90.72	-1.67	--	--	AV	345.00	150	Vertical	N/A
4	7326.312	49.96	-3.42	74.0	24.04	Peak	347.00	200	Vertical	Pass
4**	7326.312	41.09	-3.42	54.0	12.91	AV	347.00	200	Vertical	Pass
5	12331.975	52.95	1.39	74.0	21.05	Peak	311.00	100	Vertical	Pass
5**	12331.975	43.55	1.39	54.0	10.45	AV	311.00	100	Vertical	Pass
6	16028.100	56.05	0.70	74.0	17.95	Peak	353.00	100	Vertical	Pass
6**	16028.100	46.81	0.70	54.0	7.19	AV	353.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.600	39.65	-17.29	74.0	34.35	Peak	261.00	100	Horizontal	Pass
1**	1520.600	28.95	-17.29	54.0	25.05	AV	261.00	100	Horizontal	Pass
2	4392.200	50.40	-3.53	74.0	23.60	Peak	360.00	200	Horizontal	Pass
2**	4392.200	41.18	-3.53	54.0	12.82	AV	360.00	200	Horizontal	Pass
3	5796.800	104.47	-1.71	--	--	Peak	227.00	200	Horizontal	N/A
3**	5796.800	97.73	-1.71	--	--	AV	227.00	200	Horizontal	N/A
4	7349.025	49.81	-3.72	74.0	24.19	Peak	1.00	200	Horizontal	Pass
4**	7349.025	40.99	-3.72	54.0	13.01	AV	1.00	200	Horizontal	Pass
5	12223.300	53.14	1.28	74.0	20.86	Peak	128.00	150	Horizontal	Pass
5**	12223.300	43.50	1.28	54.0	10.50	AV	128.00	150	Horizontal	Pass
6	16023.113	55.82	0.62	74.0	18.18	Peak	351.00	300	Horizontal	Pass
6**	16023.113	46.22	0.62	54.0	7.78	AV	351.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1588.800	39.10	-17.13	74.0	34.90	Peak	358.00	300	Vertical	Pass
1**	1588.800	29.08	-17.13	54.0	24.92	AV	358.00	300	Vertical	Pass
2	4379.600	50.34	-3.30	74.0	23.66	Peak	272.00	300	Vertical	Pass
2**	4379.600	41.51	-3.30	54.0	12.49	AV	272.00	300	Vertical	Pass
3	5798.600	97.52	-1.66	--	--	Peak	345.00	150	Vertical	N/A
3**	5798.600	90.43	-1.66	--	--	AV	345.00	150	Vertical	N/A
4	7503.413	49.41	-3.05	74.0	24.59	Peak	332.00	400	Vertical	Pass
4**	7503.413	40.16	-3.05	54.0	13.84	AV	332.00	400	Vertical	Pass
5	12329.388	53.16	1.42	74.0	20.84	Peak	137.00	100	Vertical	Pass
5**	12329.388	43.48	1.42	54.0	10.52	AV	137.00	100	Vertical	Pass
6	16080.075	56.62	1.64	74.0	17.38	Peak	126.00	300	Vertical	Pass
6**	16080.075	46.84	1.64	54.0	7.16	AV	126.00	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.900	39.08	-16.80	74.0	34.92	Peak	185.00	300	Horizontal	Pass
1**	1490.900	29.59	-16.80	54.0	24.41	AV	185.00	300	Horizontal	Pass
2	4233.600	49.76	-3.94	74.0	24.24	Peak	307.00	200	Horizontal	Pass
2**	4233.600	40.63	-3.94	54.0	13.37	AV	307.00	200	Horizontal	Pass
3	5768.600	101.37	-1.89	--	--	Peak	224.00	100	Horizontal	N/A
3**	5768.600	93.39	-1.89	--	--	AV	224.00	100	Horizontal	N/A
4	7322.000	49.77	-3.24	74.0	24.23	Peak	345.00	200	Horizontal	Pass
4**	7322.000	40.36	-3.24	54.0	13.64	AV	345.00	200	Horizontal	Pass
5	12296.037	53.31	1.55	74.0	20.69	Peak	0.00	150	Horizontal	Pass
5**	12296.037	44.45	1.55	54.0	9.55	AV	0.00	150	Horizontal	Pass
6	15507.562	55.75	1.36	74.0	18.25	Peak	102.00	300	Horizontal	Pass
6**	15507.562	46.10	1.36	54.0	7.90	AV	102.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.800	38.99	-17.35	74.0	35.01	Peak	0.00	300	Vertical	Pass
1**	1438.800	28.71	-17.35	54.0	25.29	AV	0.00	300	Vertical	Pass
2	4372.200	49.95	-4.07	74.0	24.05	Peak	227.00	200	Vertical	Pass
2**	4372.200	40.49	-4.07	54.0	13.51	AV	227.00	200	Vertical	Pass
3	5768.400	94.39	-1.92	--	--	Peak	348.00	150	Vertical	N/A
3**	5768.400	86.49	-1.92	--	--	AV	348.00	150	Vertical	N/A
4	7359.663	49.72	-3.78	74.0	24.28	Peak	1.00	200	Vertical	Pass
4**	7359.663	40.85	-3.78	54.0	13.15	AV	1.00	200	Vertical	Pass
5	12377.113	53.45	1.40	74.0	20.55	Peak	0.00	150	Vertical	Pass
5**	12377.113	44.79	1.40	54.0	9.21	AV	0.00	150	Vertical	Pass
6	15642.750	56.12	1.29	74.0	17.88	Peak	0.00	200	Vertical	Pass
6**	15642.750	46.73	1.29	54.0	7.27	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.300	38.91	-17.23	74.0	35.09	Peak	229.00	200	Horizontal	Pass
1**	1545.300	28.83	-17.23	54.0	25.17	AV	229.00	200	Horizontal	Pass
2	4307.800	49.89	-4.24	74.0	24.11	Peak	258.00	200	Horizontal	Pass
2**	4307.800	40.37	-4.24	54.0	13.63	AV	258.00	200	Horizontal	Pass
3	5718.800	111.12	-1.53	--	--	Peak	215.00	150	Horizontal	N/A
3**	5718.800	104.13	-1.53	--	--	AV	215.00	150	Horizontal	N/A
4	7430.100	49.47	-3.44	74.0	24.53	Peak	55.00	200	Horizontal	Pass
4**	7430.100	40.12	-3.44	54.0	13.88	AV	55.00	200	Horizontal	Pass
5	12326.513	53.82	1.42	74.0	20.18	Peak	0.00	150	Horizontal	Pass
5**	12326.513	43.88	1.42	54.0	10.12	AV	0.00	150	Horizontal	Pass
6	16098.975	55.95	1.23	74.0	18.05	Peak	196.00	200	Horizontal	Pass
6**	16098.975	46.08	1.23	54.0	7.92	AV	196.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.100	39.03	-17.16	74.0	34.97	Peak	0.00	400	Vertical	Pass
1**	1597.100	29.23	-17.16	54.0	24.77	AV	0.00	400	Vertical	Pass
2	4364.000	50.33	-4.09	74.0	23.67	Peak	212.00	400	Vertical	Pass
2**	4364.000	41.27	-4.09	54.0	12.73	AV	212.00	400	Vertical	Pass
3	5721.000	104.65	-1.60	--	--	Peak	355.00	200	Vertical	N/A
3**	5721.000	97.09	-1.60	--	--	AV	355.00	200	Vertical	N/A
4	7468.050	49.51	-3.30	74.0	24.49	Peak	244.00	200	Vertical	Pass
4**	7468.050	40.53	-3.30	54.0	13.47	AV	244.00	200	Vertical	Pass
5	12616.600	53.23	1.85	74.0	20.77	Peak	360.00	200	Vertical	Pass
5**	12616.600	43.94	1.85	54.0	10.06	AV	360.00	200	Vertical	Pass
6	16082.962	56.41	1.57	74.0	17.59	Peak	130.00	300	Vertical	Pass
6**	16082.962	46.96	1.57	54.0	7.04	AV	130.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.800	39.02	-16.88	74.0	34.98	Peak	265.00	300	Horizontal	Pass
1**	1492.800	29.65	-16.88	54.0	24.35	AV	265.00	300	Horizontal	Pass
2	4382.600	50.00	-3.64	74.0	24.00	Peak	104.00	100	Horizontal	Pass
2**	4382.600	40.98	-3.64	54.0	13.02	AV	104.00	100	Horizontal	Pass
3	5718.400	109.85	-1.52	--	--	Peak	226.00	100	Horizontal	N/A
3**	5718.400	102.25	-1.52	--	--	AV	226.00	100	Horizontal	N/A
4	7674.187	49.96	-2.37	74.0	24.04	Peak	109.00	300	Horizontal	Pass
4**	7674.187	41.61	-2.37	54.0	12.39	AV	109.00	300	Horizontal	Pass
5	11668.712	53.19	0.22	74.0	20.81	Peak	109.00	200	Horizontal	Pass
5**	11668.712	43.41	0.22	54.0	10.59	AV	109.00	200	Horizontal	Pass
6	15838.838	55.77	1.45	74.0	18.23	Peak	302.00	300	Horizontal	Pass
6**	15838.838	46.53	1.45	54.0	7.47	AV	302.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1557.900	38.77	-17.00	74.0	35.23	Peak	68.00	100	Vertical	Pass
1**	1557.900	30.10	-17.00	54.0	23.90	AV	68.00	100	Vertical	Pass
2	4230.800	50.77	-3.80	74.0	23.23	Peak	0.00	400	Vertical	Pass
2**	4230.800	41.37	-3.80	54.0	12.63	AV	0.00	400	Vertical	Pass
3	5720.600	104.23	-1.62	--	--	Peak	340.00	150	Vertical	N/A
3**	5720.600	95.14	-1.62	--	--	AV	340.00	150	Vertical	N/A
4	7452.812	49.65	-3.24	74.0	24.35	Peak	87.00	300	Vertical	Pass
4**	7452.812	40.36	-3.24	54.0	13.64	AV	87.00	300	Vertical	Pass
5	12235.662	53.10	1.15	74.0	20.90	Peak	0.00	200	Vertical	Pass
5**	12235.662	44.37	1.15	54.0	9.63	AV	0.00	200	Vertical	Pass
6	15828.600	56.28	1.54	74.0	17.72	Peak	266.00	300	Vertical	Pass
6**	15828.600	46.35	1.54	54.0	7.65	AV	266.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.100	39.35	-16.86	74.0	34.65	Peak	69.00	200	Horizontal	Pass
1**	1507.100	29.38	-16.86	54.0	24.62	AV	69.00	200	Horizontal	Pass
2	4343.600	50.69	-3.66	74.0	23.31	Peak	310.00	100	Horizontal	Pass
2**	4343.600	40.43	-3.66	54.0	13.57	AV	310.00	100	Horizontal	Pass
3	5712.600	105.92	-1.82	--	--	Peak	208.00	100	Horizontal	N/A
3**	5712.600	98.90	-1.82	--	--	AV	208.00	100	Horizontal	N/A
4	7251.562	50.16	-3.78	74.0	23.84	Peak	29.00	200	Horizontal	Pass
4**	7251.562	38.92	-3.78	54.0	15.08	AV	29.00	200	Horizontal	Pass
5	12613.437	53.53	1.88	74.0	20.47	Peak	61.00	200	Horizontal	Pass
5**	12613.437	44.15	1.88	54.0	9.85	AV	61.00	200	Horizontal	Pass
6	15849.338	55.85	1.34	74.0	18.15	Peak	97.00	100	Horizontal	Pass
6**	15849.338	45.89	1.34	54.0	8.11	AV	97.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.900	38.96	-16.83	74.0	35.04	Peak	194.00	300	Vertical	Pass
1**	1506.900	29.74	-16.83	54.0	24.26	AV	194.00	300	Vertical	Pass
2	4388.800	50.23	-3.38	74.0	23.77	Peak	78.00	400	Vertical	Pass
2**	4388.800	41.67	-3.38	54.0	12.33	AV	78.00	400	Vertical	Pass
3	5711.400	99.15	-1.98	--	--	Peak	342.00	200	Vertical	N/A
3**	5711.400	92.20	-1.98	--	--	AV	342.00	200	Vertical	N/A
4	7380.650	49.46	-3.44	74.0	24.54	Peak	102.00	300	Vertical	Pass
4**	7380.650	40.31	-3.44	54.0	13.69	AV	102.00	300	Vertical	Pass
5	12339.738	53.94	1.29	74.0	20.06	Peak	220.00	100	Vertical	Pass
5**	12339.738	43.50	1.29	54.0	10.50	AV	220.00	100	Vertical	Pass
6	16085.588	55.55	1.52	74.0	18.45	Peak	344.00	100	Vertical	Pass
6**	16085.588	47.66	1.52	54.0	6.34	AV	344.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.800	38.93	-16.95	74.0	35.07	Peak	199.00	400	Horizontal	Pass
1**	1622.800	29.34	-16.95	54.0	24.66	AV	199.00	400	Horizontal	Pass
2	4300.600	50.03	-4.25	74.0	23.97	Peak	342.00	100	Horizontal	Pass
2**	4300.600	41.07	-4.25	54.0	12.93	AV	342.00	100	Horizontal	Pass
3	5717.600	109.30	-1.53	--	--	Peak	222.00	200	Horizontal	N/A
3**	5717.600	102.10	-1.53	--	--	AV	222.00	200	Horizontal	N/A
4	7338.387	49.98	-2.90	74.0	24.02	Peak	236.00	400	Horizontal	Pass
4**	7338.387	41.13	-2.90	54.0	12.87	AV	236.00	400	Horizontal	Pass
5	12693.650	53.58	0.83	74.0	20.42	Peak	134.00	150	Horizontal	Pass
5**	12693.650	43.50	0.83	54.0	10.50	AV	134.00	150	Horizontal	Pass
6	15819.675	55.82	1.89	74.0	18.18	Peak	9.00	200	Horizontal	Pass
6**	15819.675	46.96	1.89	54.0	7.04	AV	9.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.200	38.98	-17.06	74.0	35.02	Peak	278.00	300	Vertical	Pass
1**	1611.200	29.61	-17.06	54.0	24.39	AV	278.00	300	Vertical	Pass
2	4387.600	50.59	-3.37	74.0	23.41	Peak	179.00	400	Vertical	Pass
2**	4387.600	43.06	-3.37	54.0	10.94	AV	179.00	400	Vertical	Pass
3	5722.000	102.51	-1.57	--	--	Peak	0.00	100	Vertical	N/A
3**	5722.000	95.37	-1.57	--	--	AV	0.00	100	Vertical	N/A
4	7349.313	49.79	-3.70	74.0	24.21	Peak	118.00	200	Vertical	Pass
4**	7349.313	40.54	-3.70	54.0	13.46	AV	118.00	200	Vertical	Pass
5	12280.800	53.45	1.80	74.0	20.55	Peak	360.00	150	Vertical	Pass
5**	12280.800	43.74	1.80	54.0	10.26	AV	360.00	150	Vertical	Pass
6	16077.975	56.54	1.60	74.0	17.46	Peak	26.00	100	Vertical	Pass
6**	16077.975	47.29	1.60	54.0	6.71	AV	26.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1559.700	38.50	-16.95	74.0	35.50	Peak	166.00	100	Horizontal	Pass
1**	1559.700	29.05	-16.95	54.0	24.95	AV	166.00	100	Horizontal	Pass
2	3733.600	49.86	-5.01	74.0	24.14	Peak	124.00	300	Horizontal	Pass
2**	3733.600	40.21	-5.01	54.0	13.79	AV	124.00	300	Horizontal	Pass
3	5707.600	104.84	-2.05	--	--	Peak	213.00	100	Horizontal	N/A
3**	5707.600	97.12	-2.05	--	--	AV	213.00	100	Horizontal	N/A
4	7351.900	49.80	-3.77	74.0	24.20	Peak	136.00	400	Horizontal	Pass
4**	7351.900	40.04	-3.77	54.0	13.96	AV	136.00	400	Horizontal	Pass
5	12612.862	53.06	1.88	74.0	20.94	Peak	198.00	200	Horizontal	Pass
5**	12612.862	43.52	1.88	54.0	10.48	AV	198.00	200	Horizontal	Pass
6	15953.812	55.69	-0.02	74.0	18.31	Peak	32.00	200	Horizontal	Pass
6**	15953.812	46.30	-0.02	54.0	7.70	AV	32.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.400	39.34	-16.88	74.0	34.66	Peak	9.00	400	Vertical	Pass
1**	1504.400	30.04	-16.88	54.0	23.96	AV	9.00	400	Vertical	Pass
2	4394.200	50.29	-3.81	74.0	23.71	Peak	99.00	100	Vertical	Pass
2**	4394.200	41.06	-3.81	54.0	12.94	AV	99.00	100	Vertical	Pass
3	5708.200	98.15	-2.09	--	--	Peak	342.00	150	Vertical	N/A
3**	5708.200	90.69	-2.09	--	--	AV	342.00	150	Vertical	N/A
4	7686.837	49.52	-2.03	74.0	24.48	Peak	50.00	300	Vertical	Pass
4**	7686.837	41.65	-2.03	54.0	12.35	AV	50.00	300	Vertical	Pass
5	12244.000	53.29	1.02	74.0	20.71	Peak	271.00	200	Vertical	Pass
5**	12244.000	43.46	1.02	54.0	10.54	AV	271.00	200	Vertical	Pass
6	16095.037	55.99	1.32	74.0	18.01	Peak	225.00	100	Vertical	Pass
6**	16095.037	46.77	1.32	54.0	7.23	AV	225.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1556.700	38.71	-17.07	74.0	35.29	Peak	177.00	300	Horizontal	Pass
1**	1556.700	29.15	-17.07	54.0	24.85	AV	177.00	300	Horizontal	Pass
2	4183.800	50.29	-4.60	74.0	23.71	Peak	89.00	400	Horizontal	Pass
2**	4183.800	40.70	-4.60	54.0	13.30	AV	89.00	400	Horizontal	Pass
3	5696.200	100.76	-1.17	--	--	Peak	215.00	100	Horizontal	N/A
3**	5696.200	92.74	-1.17	--	--	AV	215.00	100	Horizontal	N/A
4	7336.950	50.22	-3.01	74.0	23.78	Peak	0.00	200	Horizontal	Pass
4**	7336.950	41.13	-3.01	54.0	12.87	AV	0.00	200	Horizontal	Pass
5	12231.063	53.33	1.27	74.0	20.67	Peak	338.00	150	Horizontal	Pass
5**	12231.063	43.58	1.27	54.0	10.42	AV	338.00	150	Horizontal	Pass
6	16026.000	56.71	0.68	74.0	17.29	Peak	109.00	400	Horizontal	Pass
6**	16026.000	46.66	0.68	54.0	7.34	AV	109.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1559.900	38.64	-16.94	74.0	35.36	Peak	185.00	300	Vertical	Pass
1**	1559.900	29.44	-16.94	54.0	24.56	AV	185.00	300	Vertical	Pass
2	4388.600	50.12	-3.39	74.0	23.88	Peak	330.00	100	Vertical	Pass
2**	4388.600	41.46	-3.39	54.0	12.54	AV	330.00	100	Vertical	Pass
3	5696.000	94.58	-1.16	--	--	Peak	0.00	150	Vertical	N/A
3**	5696.000	86.81	-1.16	--	--	AV	0.00	150	Vertical	N/A
4	7330.625	50.34	-3.43	74.0	23.66	Peak	80.00	400	Vertical	Pass
4**	7330.625	41.01	-3.43	54.0	12.99	AV	80.00	400	Vertical	Pass
5	12287.126	53.80	1.73	74.0	20.20	Peak	182.00	200	Vertical	Pass
5**	12287.126	44.09	1.73	54.0	9.91	AV	182.00	200	Vertical	Pass
6	15850.912	55.96	1.31	74.0	18.04	Peak	5.00	200	Vertical	Pass
6**	15850.912	46.95	1.31	54.0	7.05	AV	5.00	200	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

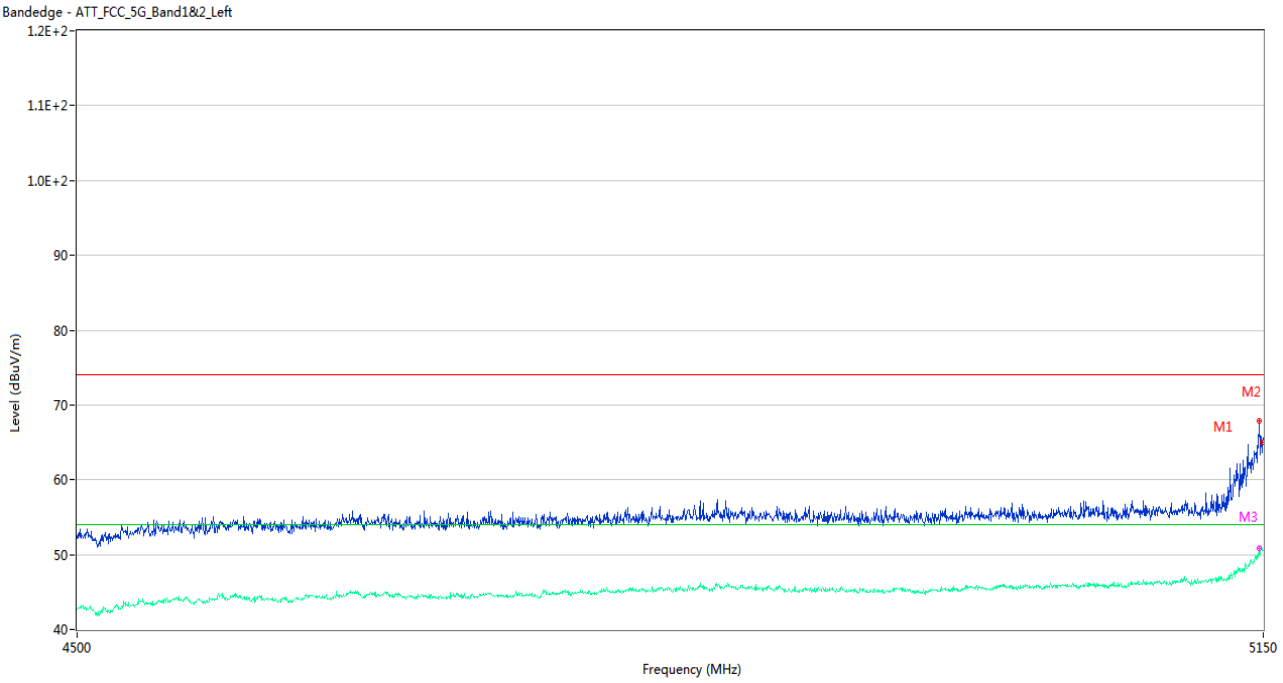
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low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

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

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

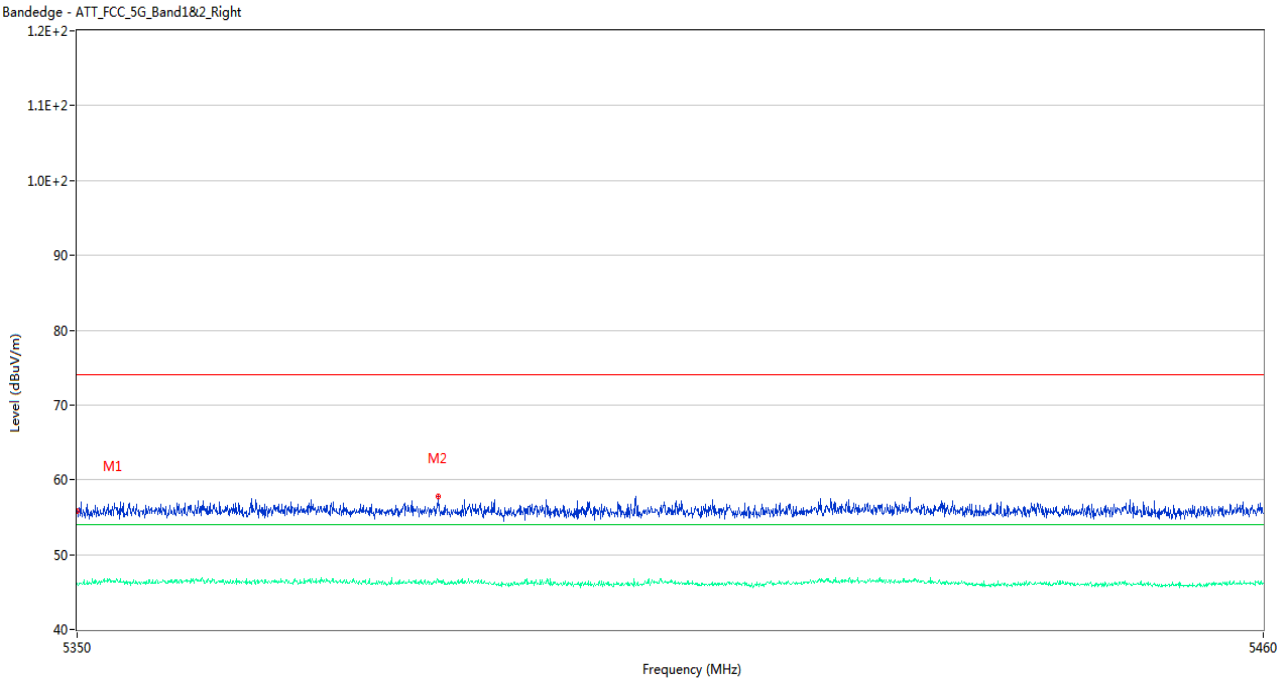
Test Data and Plots

U-NII-1 11a Low Channel



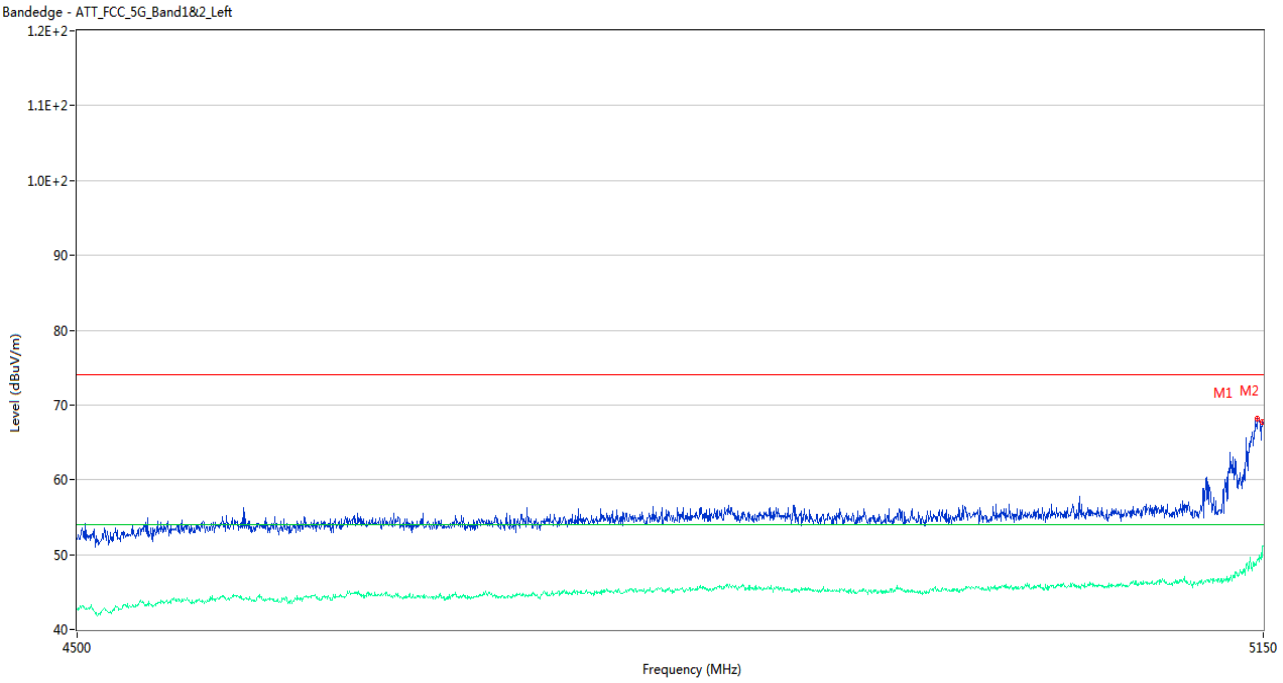
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.725	67.81	2.18	74.0	6.19	Peak	197.00	200	Horizontal	Pass
1**	5147.725	49.91	2.18	54.0	4.09	AV	197.00	200	Horizontal	Pass
2	5149.675	65.03	2.07	74.0	8.97	Peak	215.00	100	Horizontal	Pass
2**	5149.675	50.51	2.07	54.0	3.49	AV	215.00	100	Horizontal	Pass
3	5147.400	65.70	2.23	74.0	8.30	Peak	212.00	150	Horizontal	Pass
3**	5147.400	50.90	2.23	54.0	3.10	AV	212.00	150	Horizontal	Pass

U-NII-1 11a High Channel



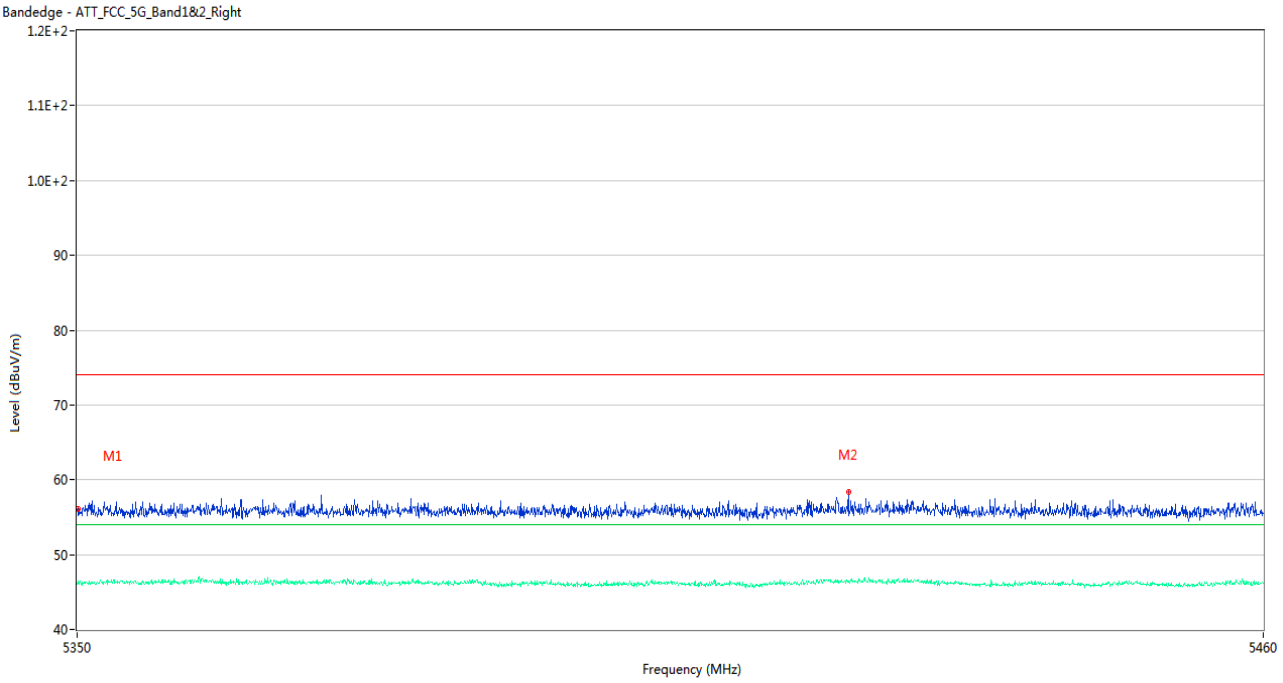
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.77	1.93	74.0	18.23	Peak	193.00	200	Horizontal	Pass
1**	5350.000	46.17	1.93	54.0	7.83	AV	193.00	200	Horizontal	Pass
2	5383.275	57.85	2.18	74.0	16.15	Peak	87.00	200	Horizontal	Pass
2**	5383.275	46.31	2.18	54.0	7.69	AV	87.00	200	Horizontal	Pass

U-NII-1 11n20 Low Channel



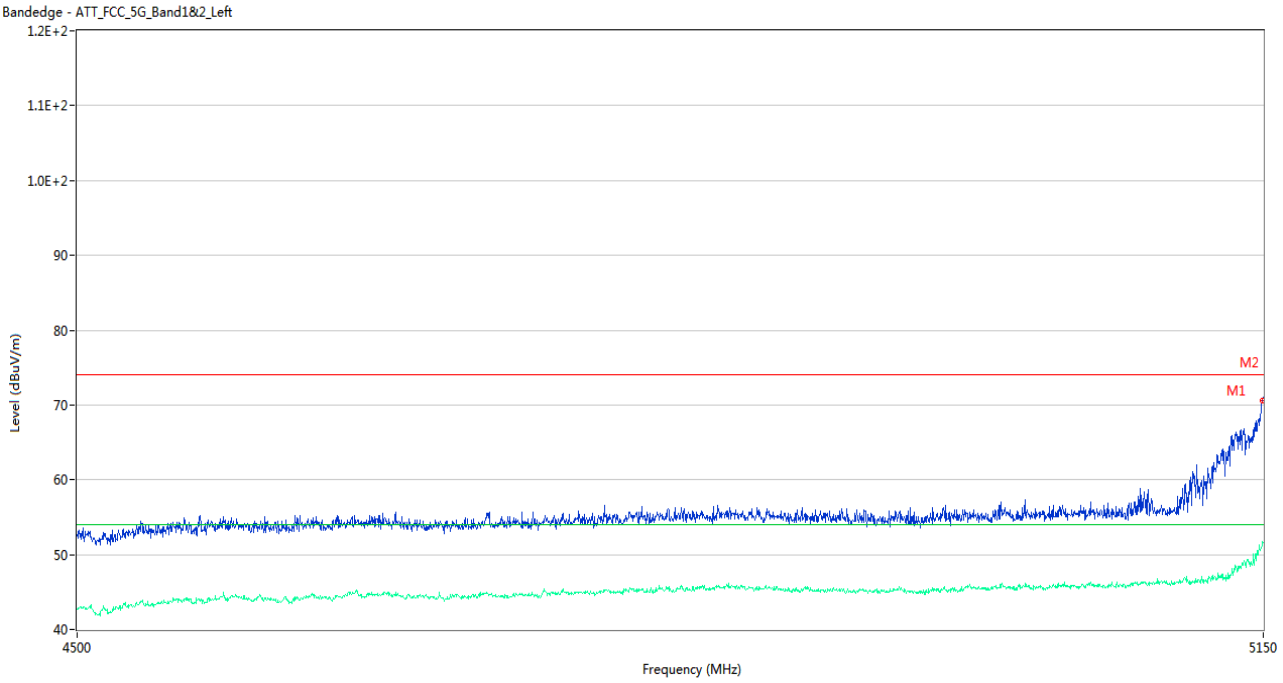
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	68.21	2.29	74.0	5.79	Peak	177.00	150	Horizontal	Pass
1**	5146.750	49.38	2.29	54.0	4.62	AV	177.00	150	Horizontal	Pass
2	5149.675	67.70	2.07	74.0	6.30	Peak	185.00	150	Horizontal	Pass
2**	5149.675	51.19	2.07	54.0	2.81	AV	185.00	150	Horizontal	Pass

U-NII-1 11n20 High Channel



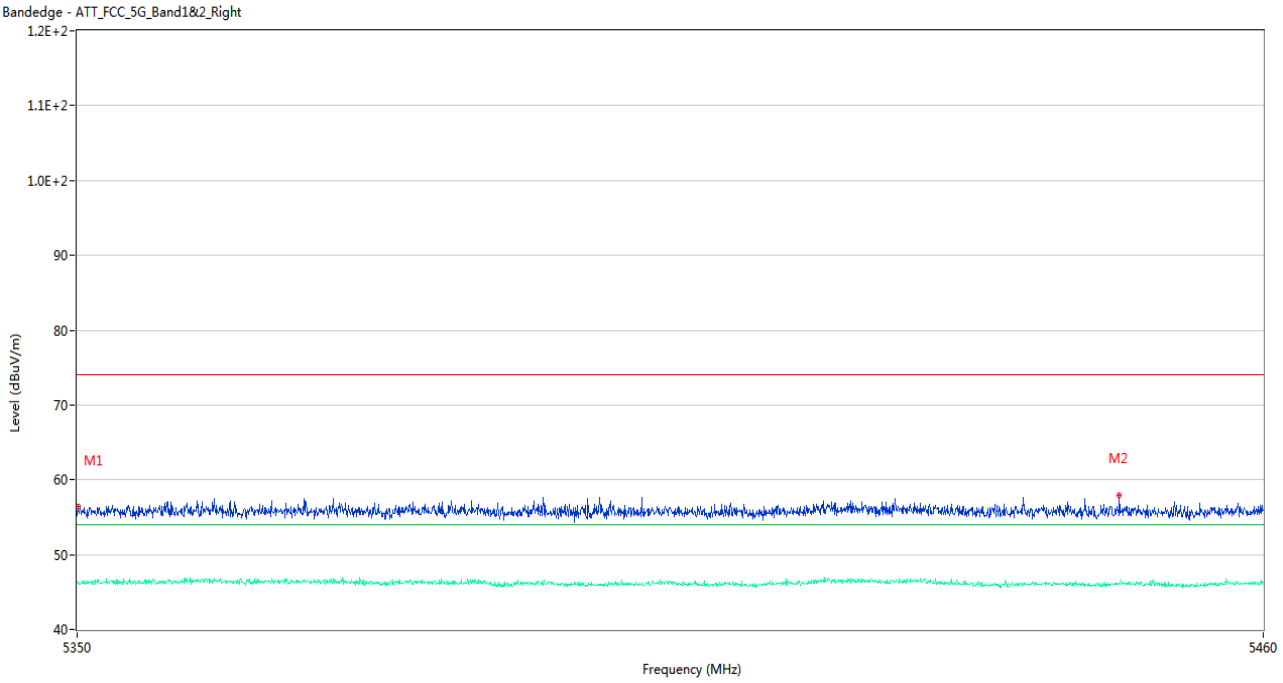
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.10	1.93	74.0	17.90	Peak	208.00	150	Horizontal	Pass
1**	5350.055	46.49	1.93	54.0	7.51	AV	208.00	150	Horizontal	Pass
2	5421.280	58.37	2.43	74.0	15.63	Peak	192.00	150	Horizontal	Pass
2**	5421.280	46.39	2.43	54.0	7.61	AV	192.00	150	Horizontal	Pass

U-NII-1 11n40 Low Channel



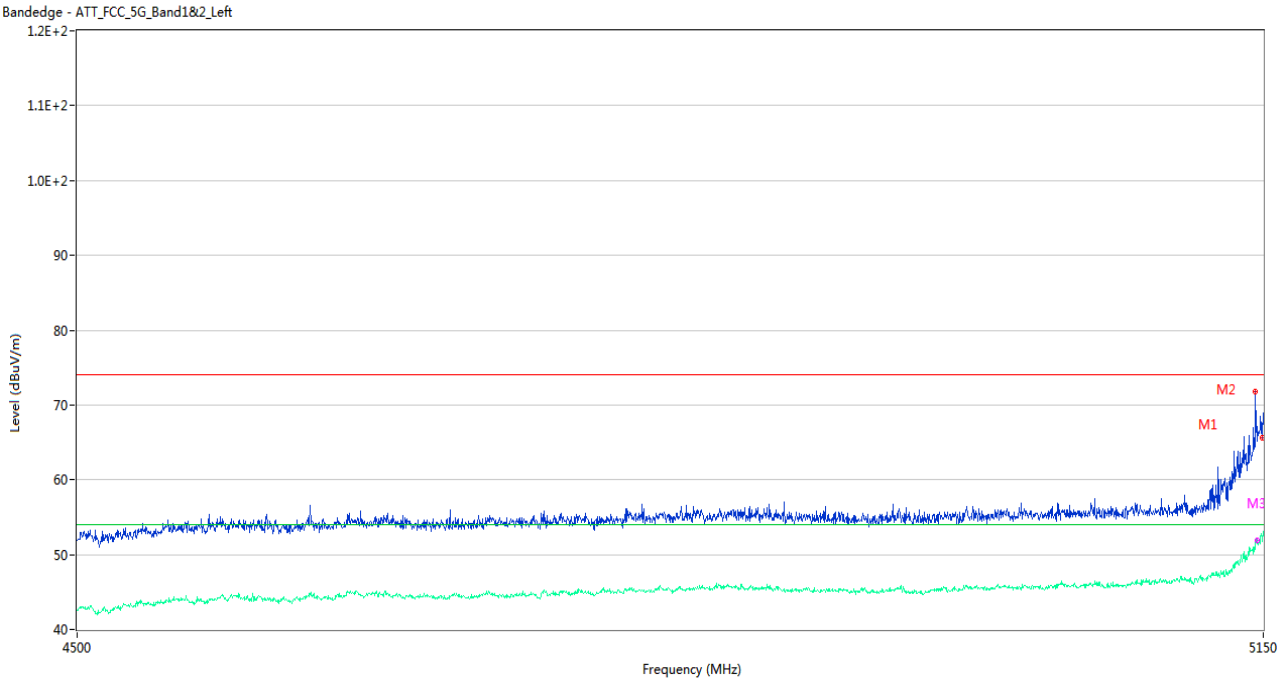
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	70.56	2.05	74.0	3.44	Peak	178.00	150	Horizontal	Pass
1**	5149.350	51.26	2.05	54.0	2.74	AV	178.00	150	Horizontal	Pass
2	5149.675	70.56	2.07	74.0	3.44	Peak	172.00	100	Horizontal	Pass
2**	5149.675	51.73	2.07	54.0	2.27	AV	172.00	100	Horizontal	Pass

U-NII-1 11n40 High Channel



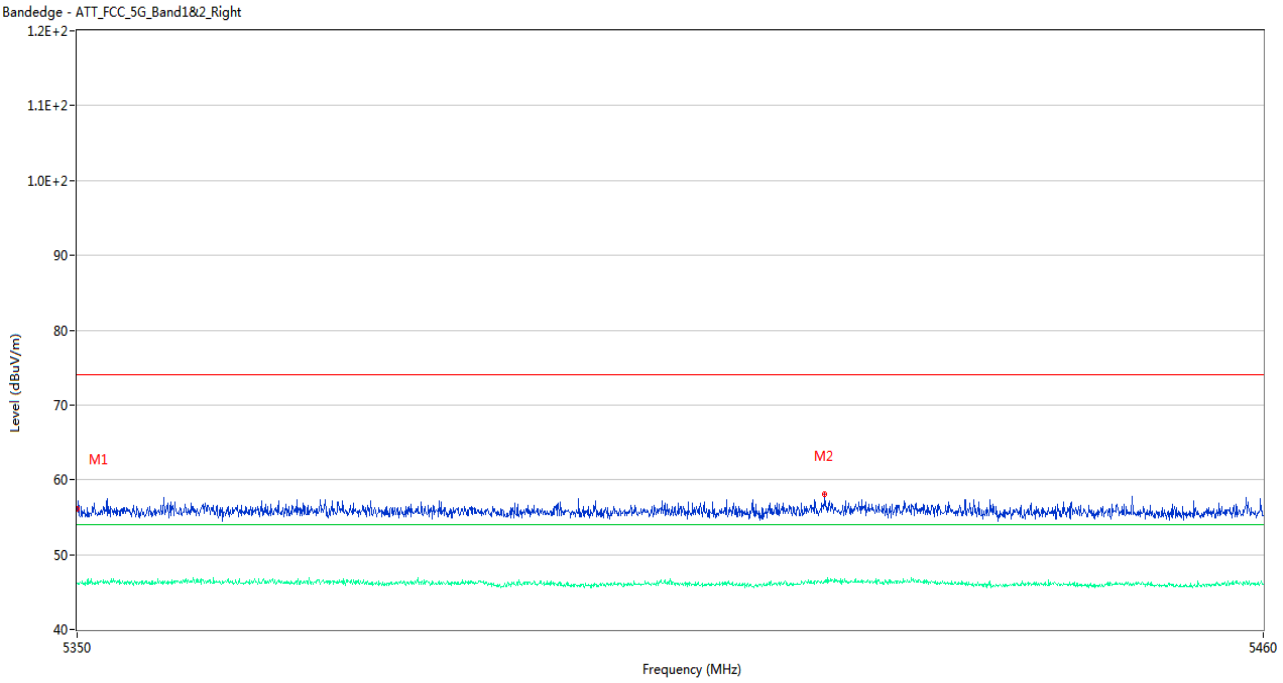
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.44	1.93	74.0	17.56	Peak	140.00	150	Horizontal	Pass
1**	5350.055	46.29	1.93	54.0	7.71	AV	140.00	150	Horizontal	Pass
2	5446.525	57.89	2.41	74.0	16.11	Peak	287.00	150	Horizontal	Pass
2**	5446.525	46.15	2.41	54.0	7.85	AV	287.00	150	Horizontal	Pass

U-NII-1 11ac20 Low Channel



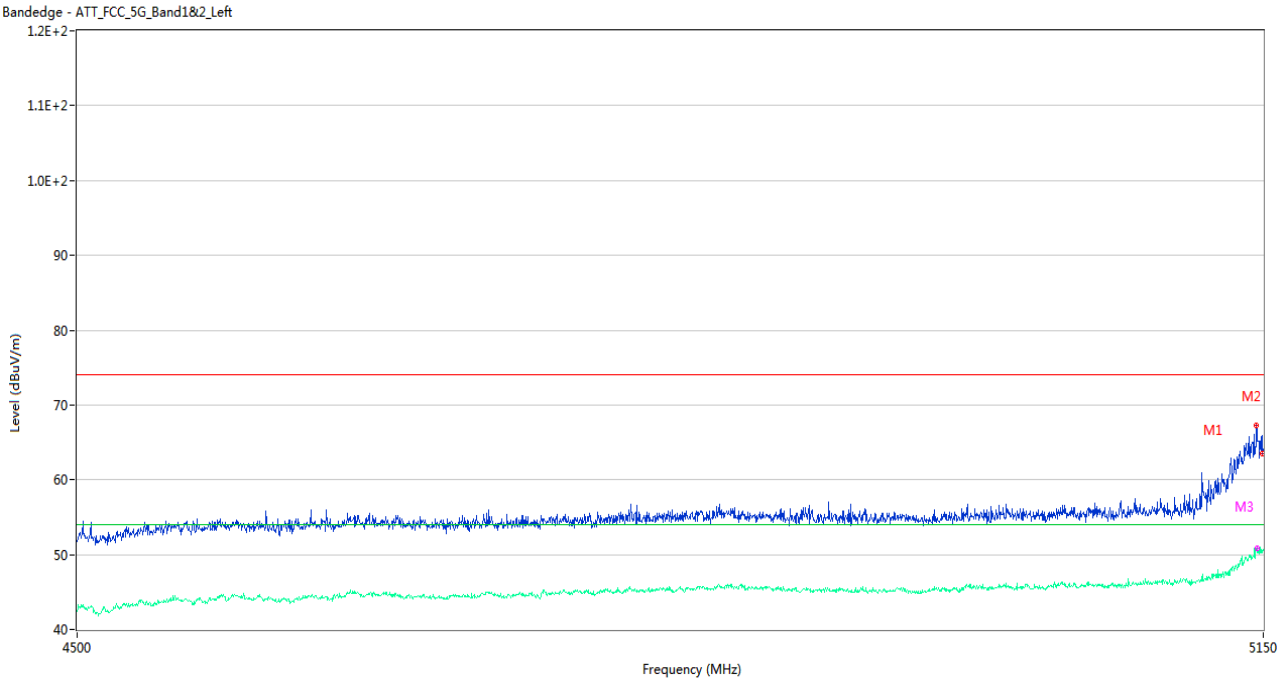
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.450	71.78	2.27	74.0	2.22	Peak	197.00	100	Horizontal	Pass
1**	5145.450	51.67	2.27	54.0	2.33	AV	197.00	100	Horizontal	Pass
2	5149.675	65.68	2.07	74.0	8.32	Peak	208.00	150	Horizontal	Pass
2**	5149.675	51.69	2.07	54.0	2.31	AV	208.00	150	Horizontal	Pass
3	5146.425	67.18	2.28	74.0	6.82	Peak	193.00	150	Horizontal	Pass
3**	5146.425	51.93	2.28	54.0	2.07	AV	193.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel



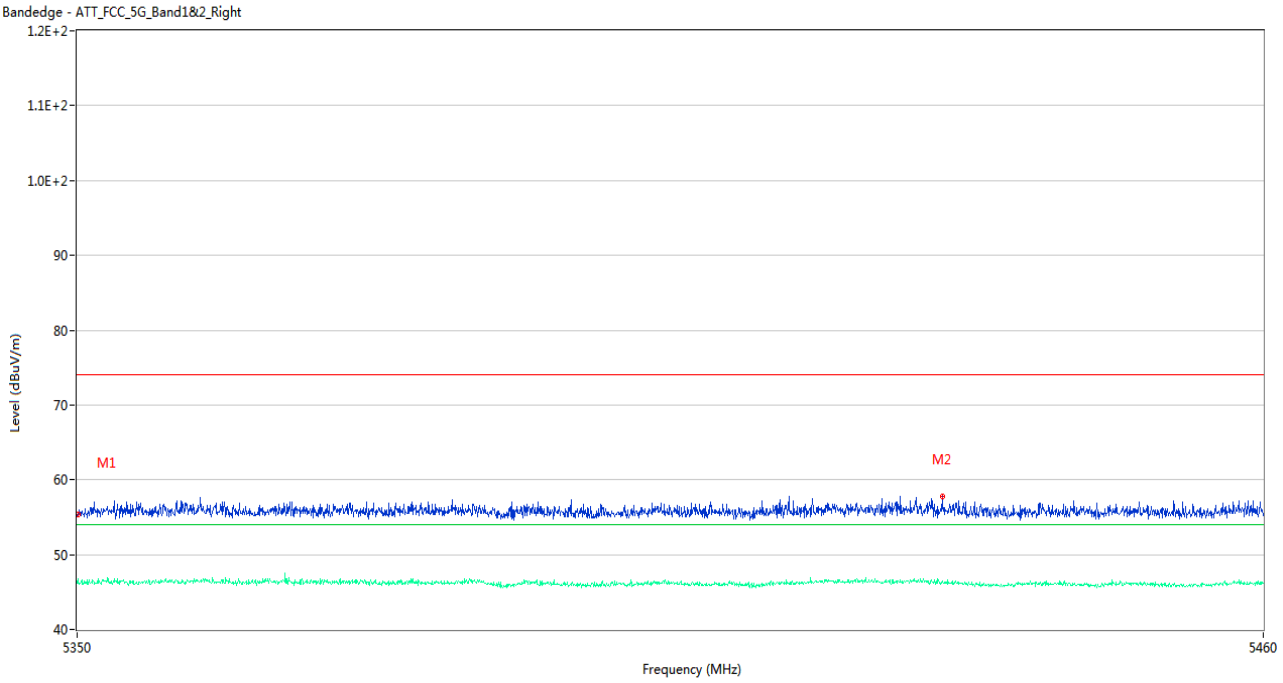
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.18	1.93	74.0	17.82	Peak	84.00	100	Horizontal	Pass
1**	5350.000	46.13	1.93	54.0	7.87	AV	84.00	100	Horizontal	Pass
2	5419.080	58.14	2.46	74.0	15.86	Peak	111.00	200	Horizontal	Pass
2**	5419.080	46.45	2.46	54.0	7.55	AV	111.00	200	Horizontal	Pass

U-NII-1 11ac40 Low Channel



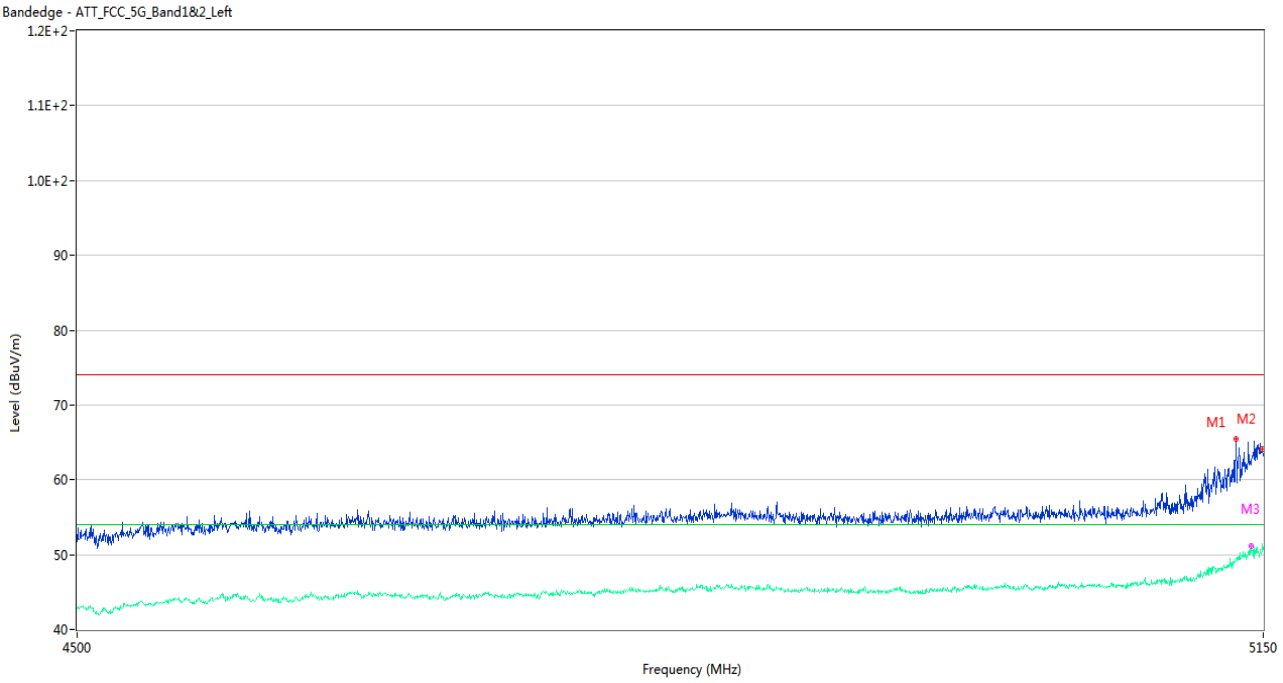
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.100	67.23	2.28	74.0	6.77	Peak	200.00	100	Horizontal	Pass
1**	5146.100	50.66	2.28	54.0	3.34	AV	200.00	100	Horizontal	Pass
2	5149.675	63.46	2.07	74.0	10.54	Peak	181.00	100	Horizontal	Pass
2**	5149.675	50.32	2.07	54.0	3.68	AV	181.00	100	Horizontal	Pass
3	5146.750	65.16	2.29	74.0	8.84	Peak	183.00	150	Horizontal	Pass
3**	5146.750	50.88	2.29	54.0	3.12	AV	183.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel



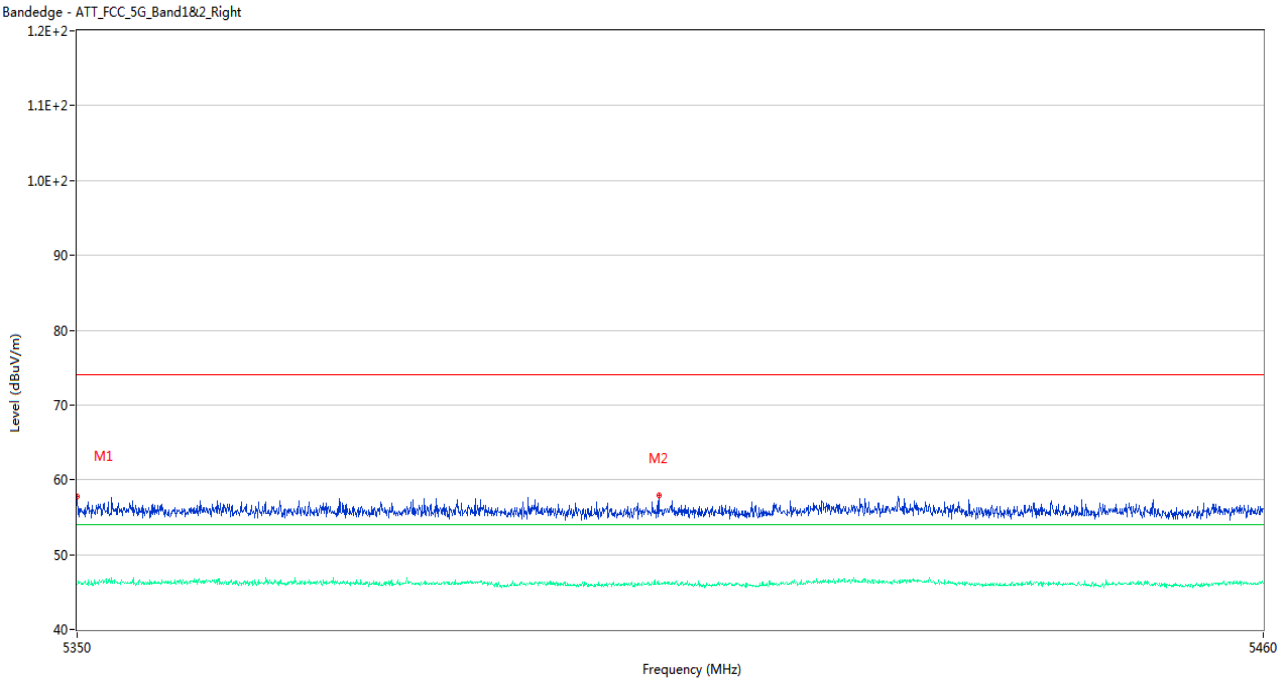
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.39	1.93	74.0	18.61	Peak	314.00	150	Horizontal	Pass
1**	5350.055	46.76	1.93	54.0	7.24	AV	314.00	150	Horizontal	Pass
2	5430.025	57.80	2.30	74.0	16.20	Peak	324.00	150	Horizontal	Pass
2**	5430.025	46.40	2.30	54.0	7.60	AV	324.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



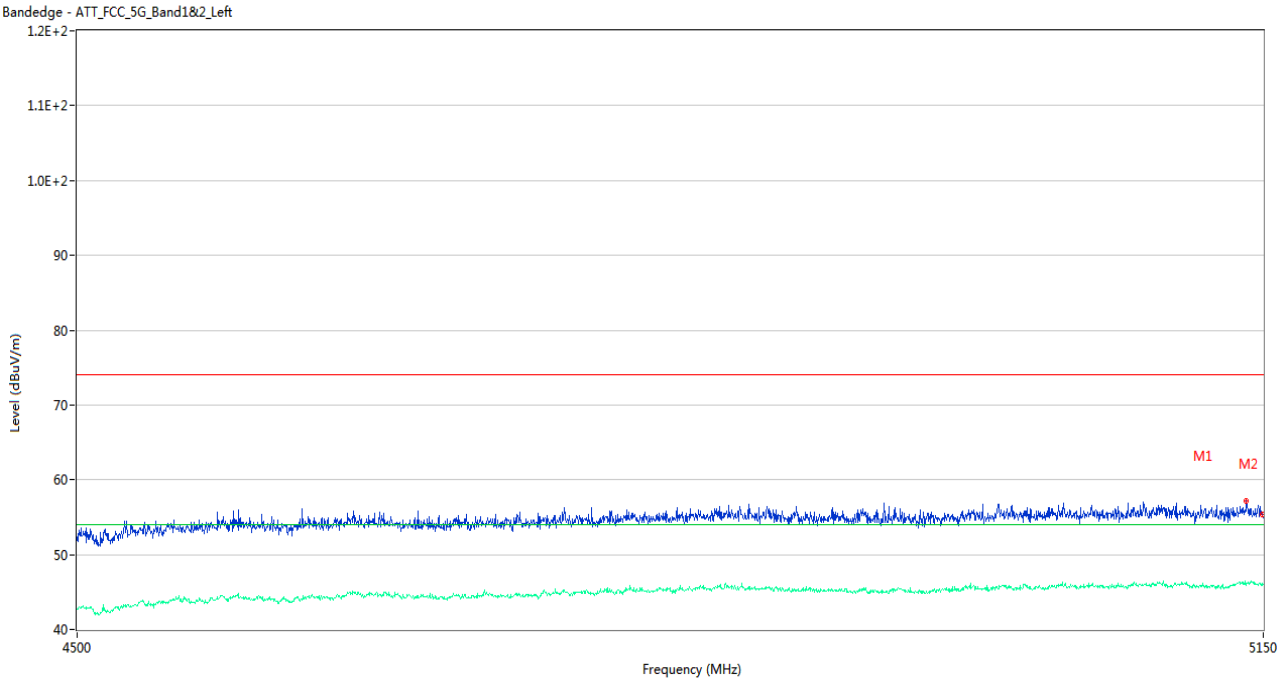
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5134.075	65.51	2.43	74.0	8.49	Peak	173.00	100	Horizontal	Pass
1**	5134.075	49.55	2.43	54.0	4.45	AV	173.00	100	Horizontal	Pass
2	5149.675	64.13	2.07	74.0	9.87	Peak	199.00	100	Horizontal	Pass
2**	5149.675	51.38	2.07	54.0	2.62	AV	199.00	100	Horizontal	Pass
3	5142.850	62.04	2.43	74.0	11.96	Peak	178.00	150	Horizontal	Pass
3**	5142.850	51.13	2.43	54.0	2.87	AV	178.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



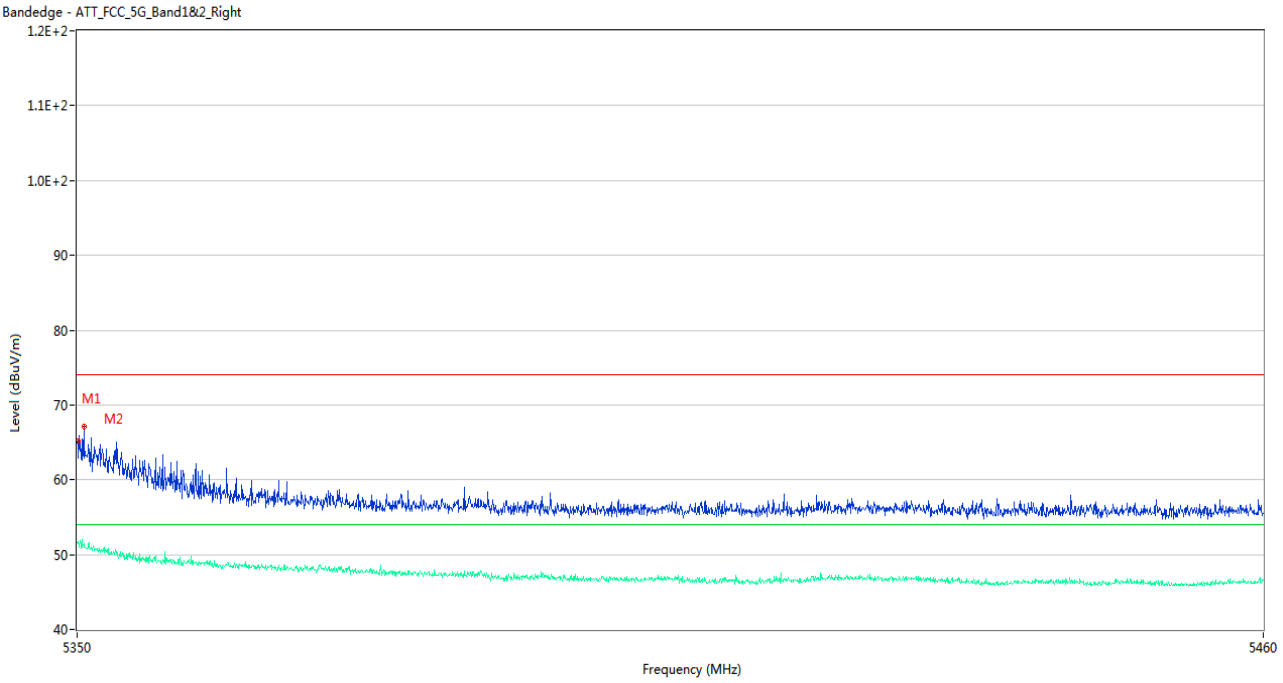
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.71	1.93	74.0	16.29	Peak	358.00	100	Horizontal	Pass
1**	5350.000	46.07	1.93	54.0	7.93	AV	358.00	100	Horizontal	Pass
2	5403.680	57.96	2.15	74.0	16.04	Peak	9.00	200	Horizontal	Pass
2**	5403.680	46.14	2.15	54.0	7.86	AV	9.00	200	Horizontal	Pass

U-NII-2A 11a Low Channel



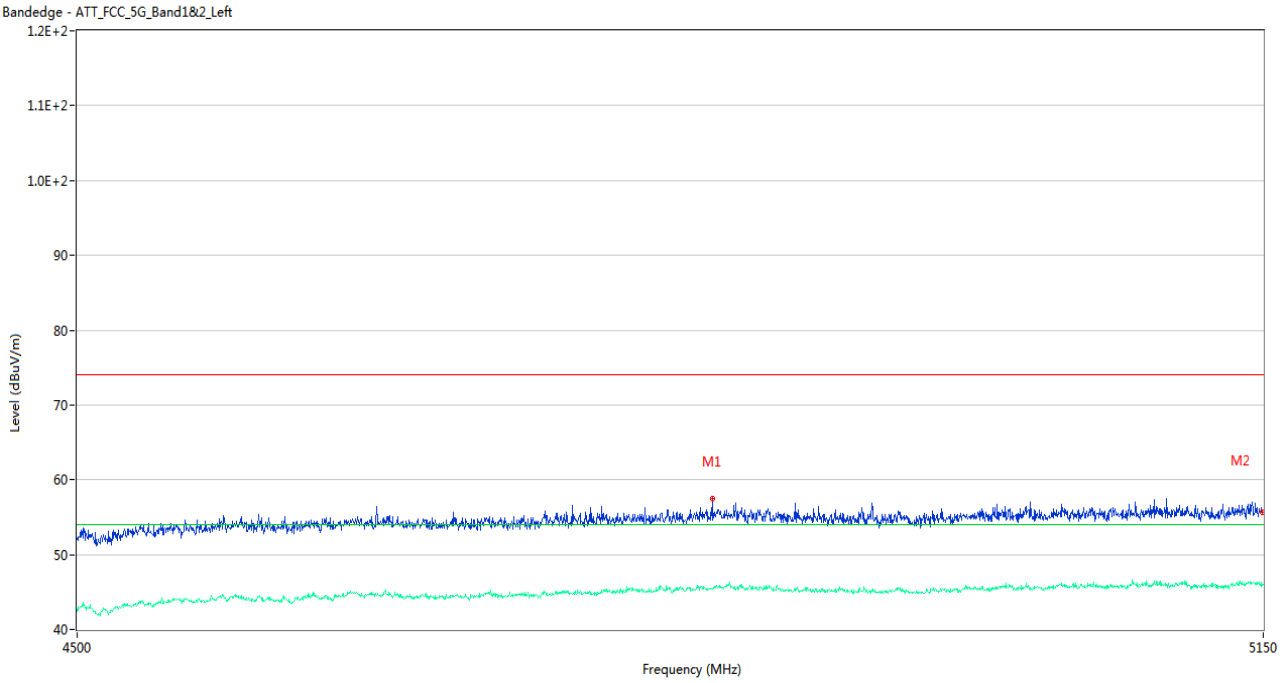
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5140.250	57.11	2.36	74.0	16.89	Peak	172.00	200	Horizontal	Pass
1**	5140.250	46.10	2.36	54.0	7.90	AV	172.00	200	Horizontal	Pass
2	5149.675	55.40	2.07	74.0	18.60	Peak	49.00	200	Horizontal	Pass
2**	5149.675	46.13	2.07	54.0	7.87	AV	49.00	200	Horizontal	Pass

U-NII-2A 11a High Channel



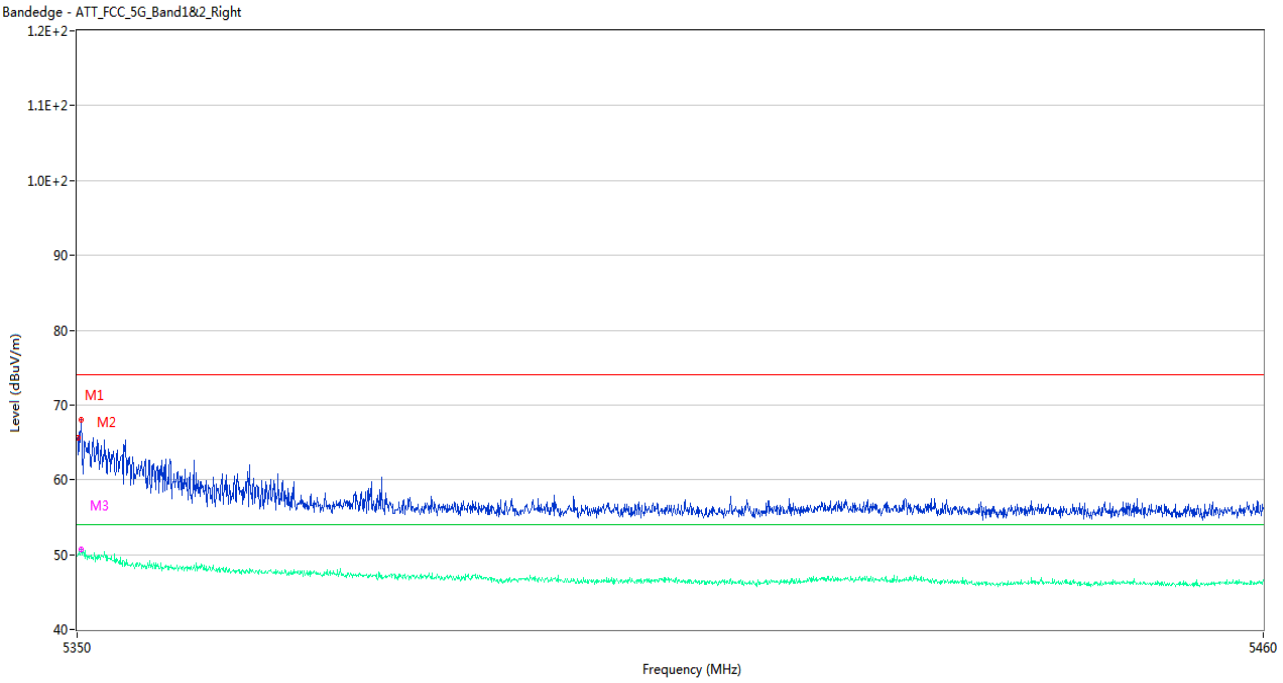
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	65.18	1.93	74.0	8.82	Peak	211.00	200	Horizontal	Pass
1**	5350.055	51.72	1.93	54.0	2.28	AV	211.00	200	Horizontal	Pass
2	5350.605	67.12	1.90	74.0	6.88	Peak	184.00	100	Horizontal	Pass
2**	5350.605	51.50	1.90	54.0	2.50	AV	184.00	100	Horizontal	Pass

U-NII-2A 11n20 Low Channel



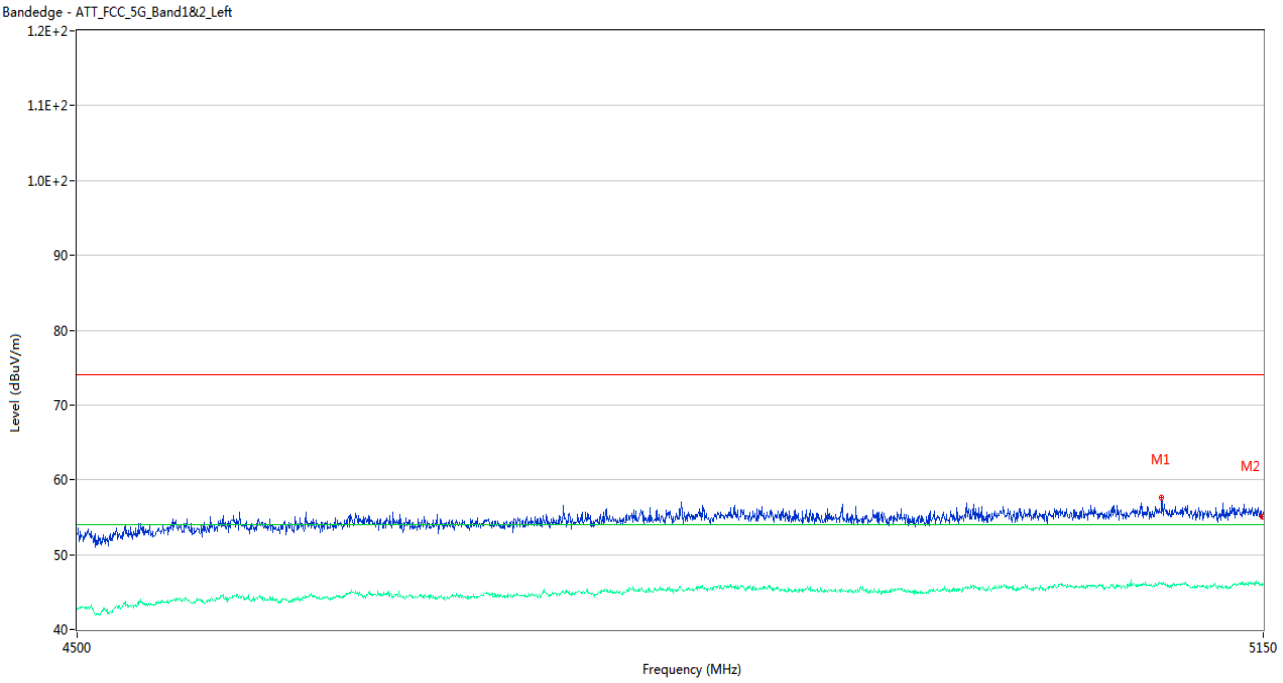
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4837.025	57.43	1.86	74.0	16.57	Peak	179.00	150	Horizontal	Pass
1**	4837.025	45.40	1.86	54.0	8.60	AV	179.00	150	Horizontal	Pass
2	5149.675	55.65	2.07	74.0	18.35	Peak	232.00	100	Horizontal	Pass
2**	5149.675	46.03	2.07	54.0	7.97	AV	232.00	100	Horizontal	Pass

U-NII-2A 11n20 High Channel



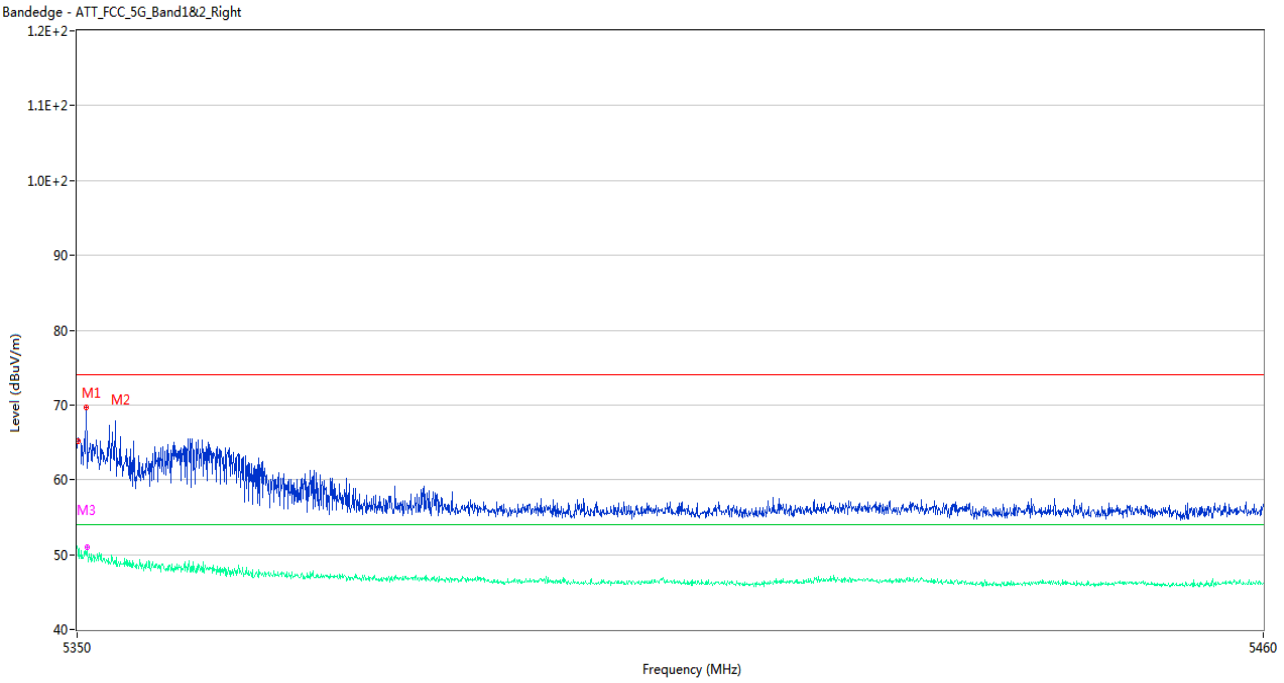
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	65.57	1.93	74.0	8.43	Peak	202.00	100	Horizontal	Pass
1**	5350.055	49.96	1.93	54.0	4.04	AV	202.00	100	Horizontal	Pass
2	5350.330	68.06	1.91	74.0	5.94	Peak	202.00	200	Horizontal	Pass
2**	5350.330	50.18	1.91	54.0	3.82	AV	202.00	200	Horizontal	Pass
3	5350.385	66.42	1.91	74.0	7.58	Peak	202.00	150	Horizontal	Pass
3**	5350.385	50.64	1.91	54.0	3.36	AV	202.00	150	Horizontal	Pass

U-NII-2A 11n40 Low Channel



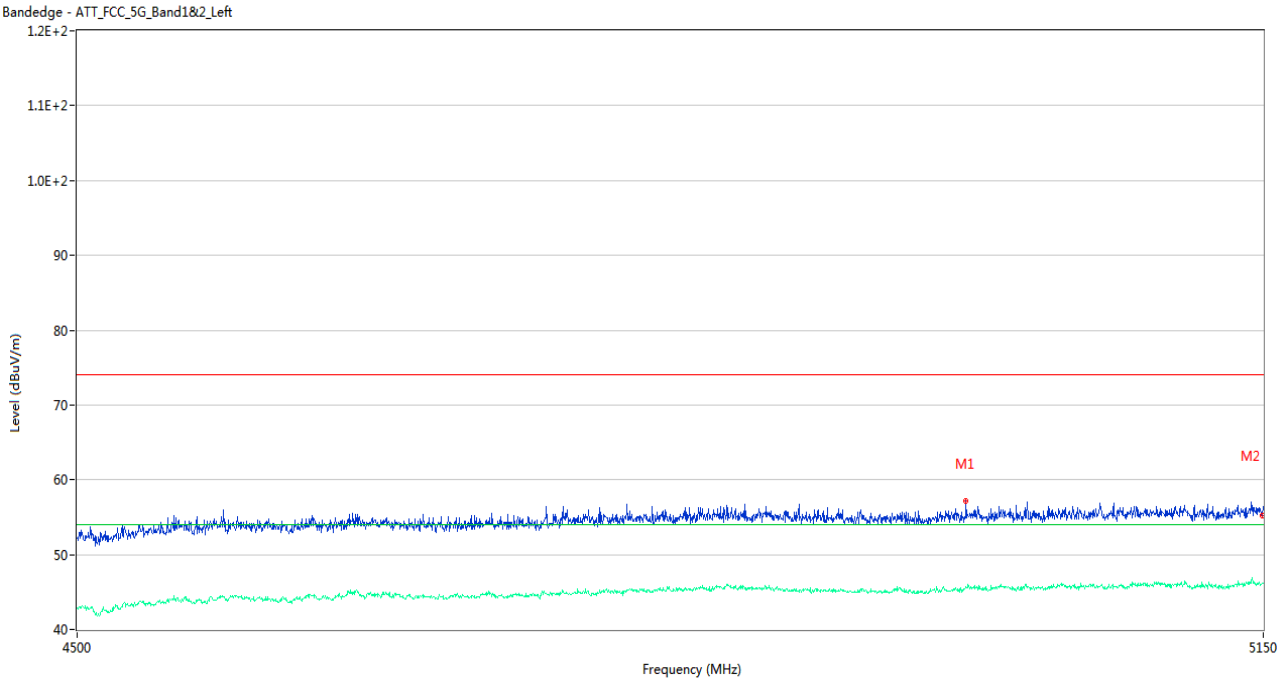
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5090.850	57.69	2.43	74.0	16.31	Peak	21.00	150	Horizontal	Pass
1**	5090.850	46.13	2.43	54.0	7.87	AV	21.00	150	Horizontal	Pass
2	5149.675	55.13	2.07	74.0	18.87	Peak	193.00	200	Horizontal	Pass
2**	5149.675	46.14	2.07	54.0	7.86	AV	193.00	200	Horizontal	Pass

U-NII-2A 11n40 High Channel



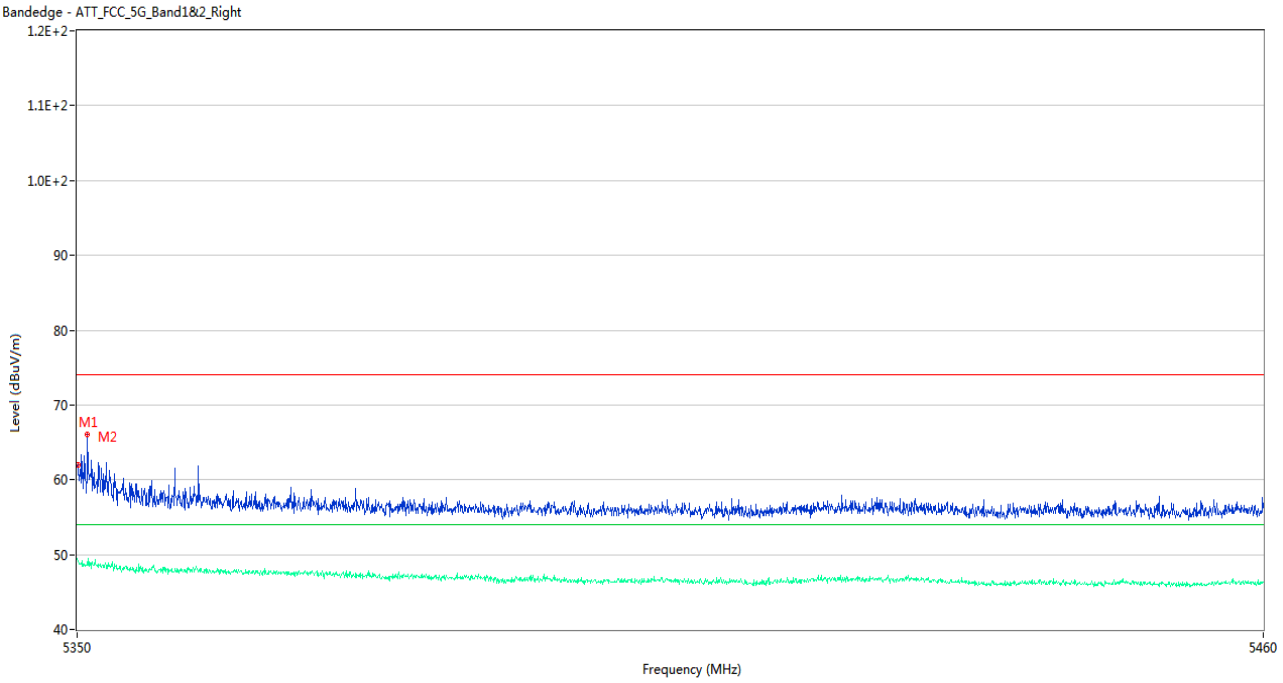
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	65.14	1.93	74.0	8.86	Peak	196.00	100	Horizontal	Pass
1**	5350.055	50.45	1.93	54.0	3.55	AV	196.00	100	Horizontal	Pass
2	5350.825	69.71	1.88	74.0	4.29	Peak	190.00	100	Horizontal	Pass
2**	5350.825	49.91	1.88	54.0	4.09	AV	190.00	100	Horizontal	Pass
3	5350.880	63.61	1.88	74.0	10.39	Peak	187.00	150	Horizontal	Pass
3**	5350.880	51.07	1.88	54.0	2.93	AV	187.00	150	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



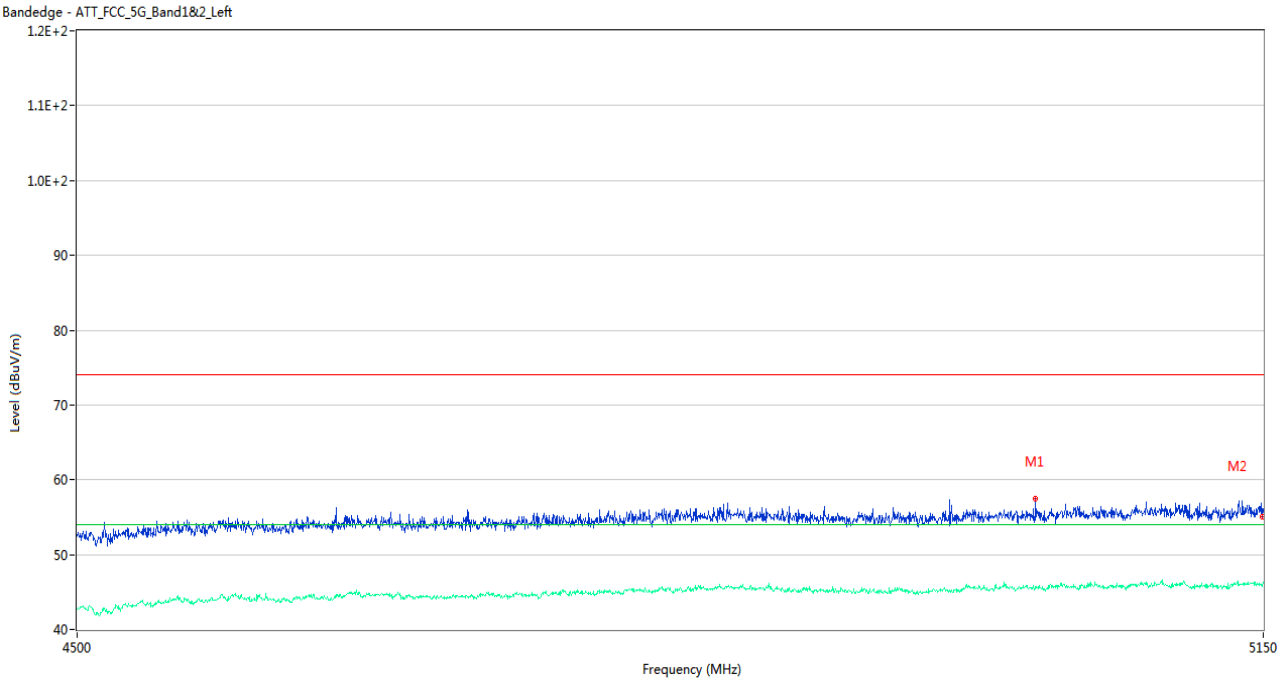
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4978.725	57.17	2.16	74.0	16.83	Peak	125.00	100	Horizontal	Pass
1**	4978.725	45.74	2.16	54.0	8.26	AV	125.00	100	Horizontal	Pass
2	5149.675	55.16	2.07	74.0	18.84	Peak	235.00	150	Horizontal	Pass
2**	5149.675	46.11	2.07	54.0	7.89	AV	235.00	150	Horizontal	Pass

U-NII-2A 11ac20 High Channel



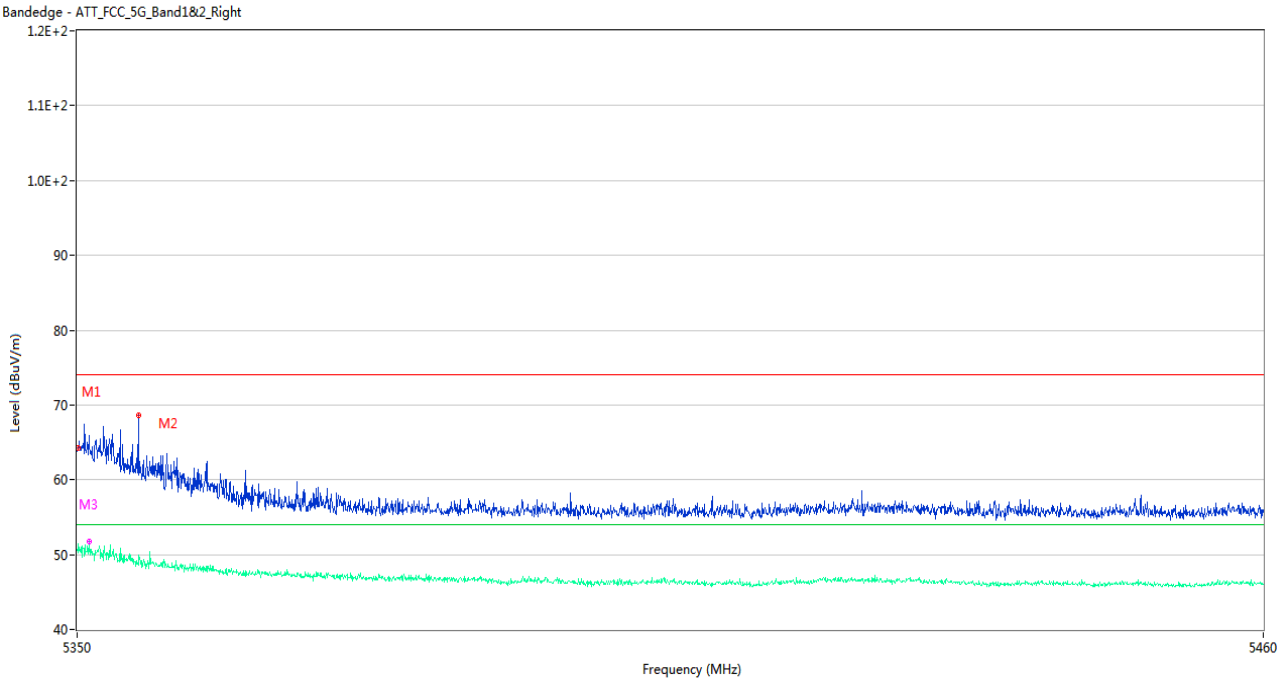
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	62.06	1.93	74.0	11.94	Peak	185.00	100	Horizontal	Pass
1**	5350.055	49.17	1.93	54.0	4.83	AV	185.00	100	Horizontal	Pass
2	5350.935	66.05	1.89	74.0	7.95	Peak	193.00	200	Horizontal	Pass
2**	5350.935	48.69	1.89	54.0	5.31	AV	193.00	200	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



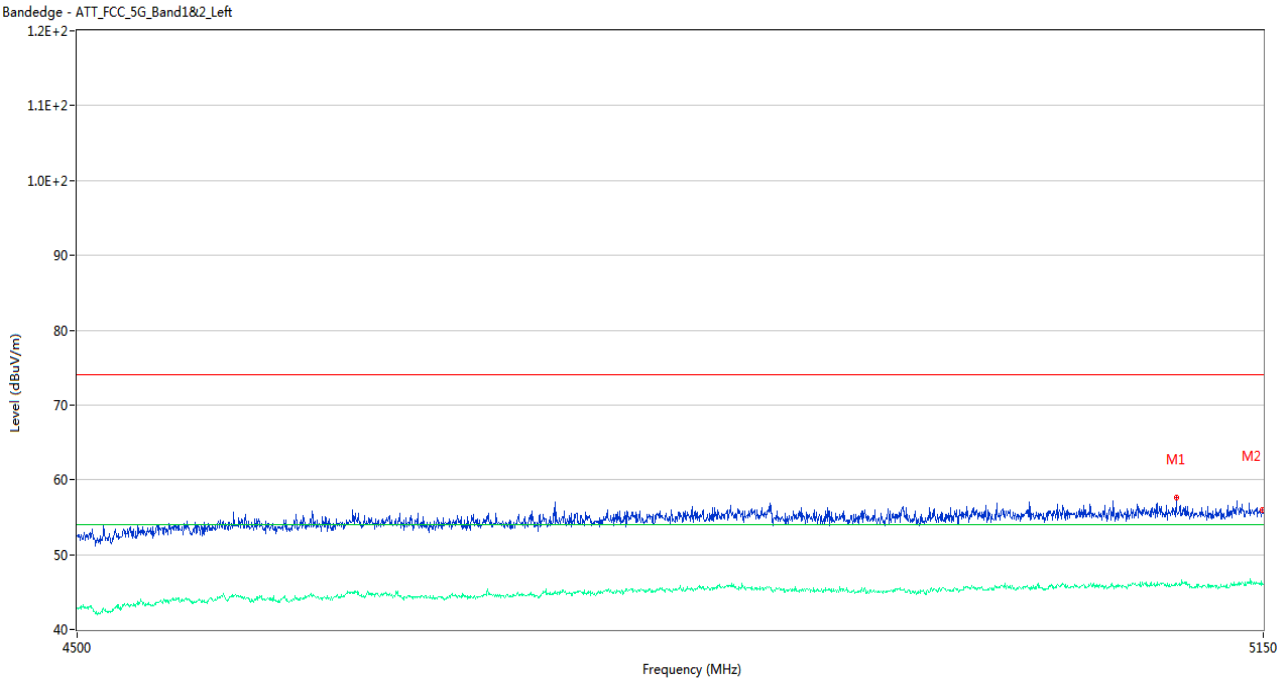
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5018.375	57.42	1.90	74.0	16.58	Peak	348.00	150	Horizontal	Pass
1**	5018.375	45.40	1.90	54.0	8.60	AV	348.00	150	Horizontal	Pass
2	5149.675	55.07	2.07	74.0	18.93	Peak	186.00	100	Horizontal	Pass
2**	5149.675	45.89	2.07	54.0	8.11	AV	186.00	100	Horizontal	Pass

U-NII-2A 11ac40 High Channel



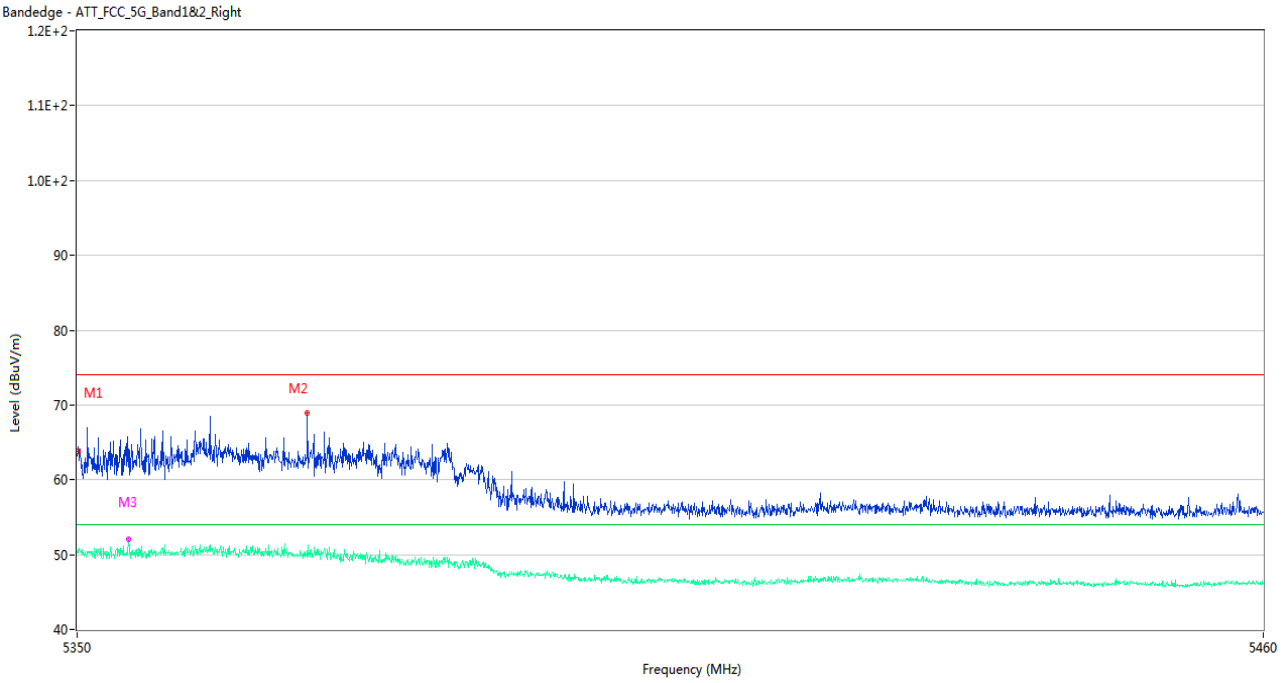
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	64.32	1.93	74.0	9.68	Peak	194.00	150	Horizontal	Pass
1**	5350.055	50.18	1.93	54.0	3.82	AV	194.00	150	Horizontal	Pass
2	5355.610	68.56	2.08	74.0	5.44	Peak	192.00	100	Horizontal	Pass
2**	5355.610	48.63	2.08	54.0	5.37	AV	192.00	100	Horizontal	Pass
3	5351.155	64.77	1.92	74.0	9.23	Peak	189.00	150	Horizontal	Pass
3**	5351.155	51.74	1.92	54.0	2.26	AV	189.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



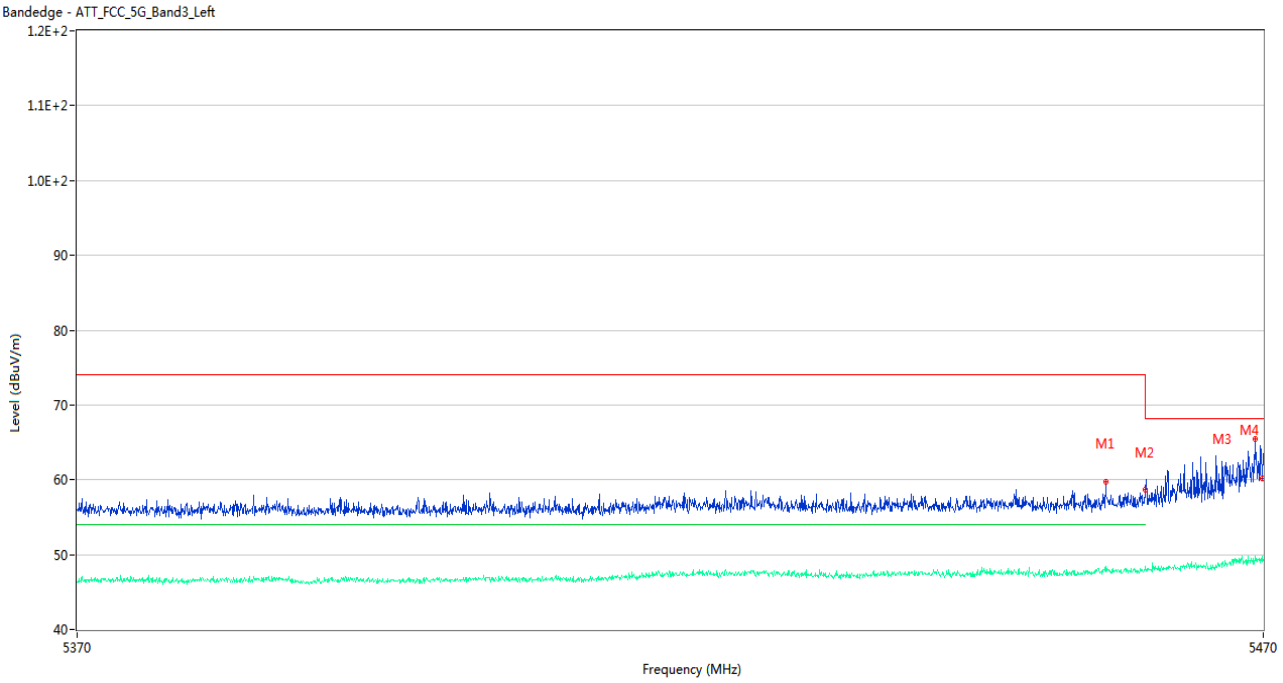
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5099.300	57.68	2.34	74.0	16.32	Peak	197.00	150	Horizontal	Pass
1**	5099.300	46.01	2.34	54.0	7.99	AV	197.00	150	Horizontal	Pass
2	5149.675	56.02	2.07	74.0	17.98	Peak	52.00	100	Horizontal	Pass
2**	5149.675	46.13	2.07	54.0	7.87	AV	52.00	100	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



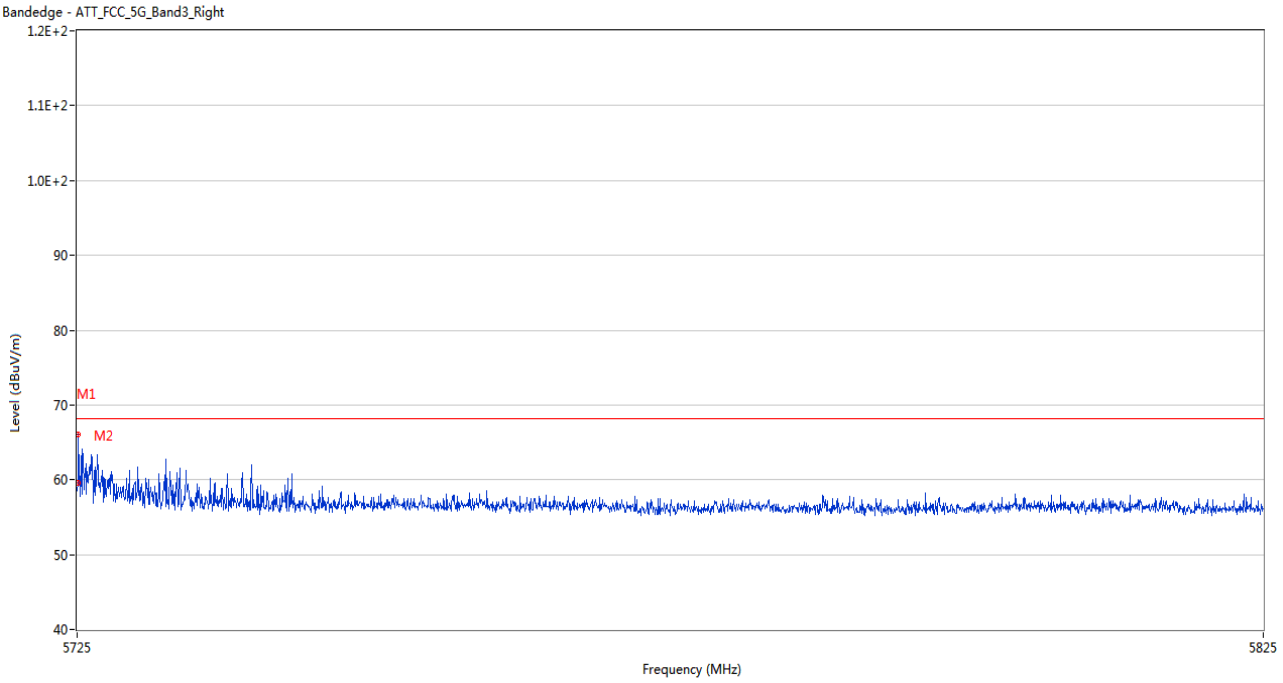
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	63.75	1.93	74.0	10.25	Peak	210.00	200	Horizontal	Pass
1**	5350.055	50.74	1.93	54.0	3.26	AV	210.00	200	Horizontal	Pass
2	5371.175	68.93	2.23	74.0	5.07	Peak	185.00	100	Horizontal	Pass
2**	5371.175	49.87	2.23	54.0	4.13	AV	185.00	100	Horizontal	Pass
3	5354.730	62.70	2.06	74.0	11.30	Peak	196.00	150	Horizontal	Pass
3**	5354.730	51.98	2.06	54.0	2.02	AV	196.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel



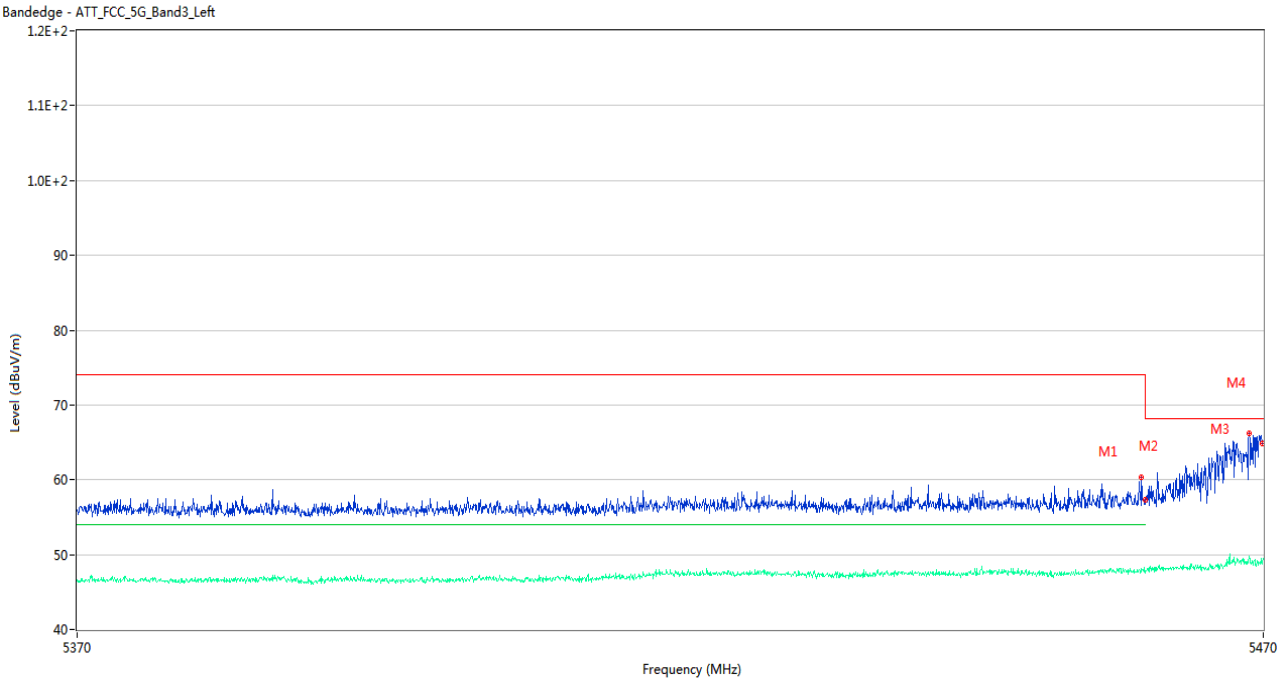
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5456.600	59.80	2.47	74.0	14.20	Peak	222.00	200	Horizontal	Pass
1**	5456.600	48.46	2.47	54.0	5.54	AV	222.00	200	Horizontal	Pass
2	5460.000	58.67	2.50	74.0	15.33	Peak	181.00	150	Horizontal	Pass
2**	5460.000	48.47	2.50	54.0	5.53	AV	181.00	150	Horizontal	Pass
3	5469.300	65.42	2.95	68.2	2.78	Peak	215.00	200	Horizontal	Pass
3**	5469.300	49.27	2.95	--	--	AV	215.00	200	Horizontal	N/A
4	5469.950	60.24	2.87	68.2	7.96	Peak	209.00	100	Horizontal	Pass
4**	5469.950	49.82	2.87	--	--	AV	209.00	100	Horizontal	N/A

U-NII-2C 11a High Channel



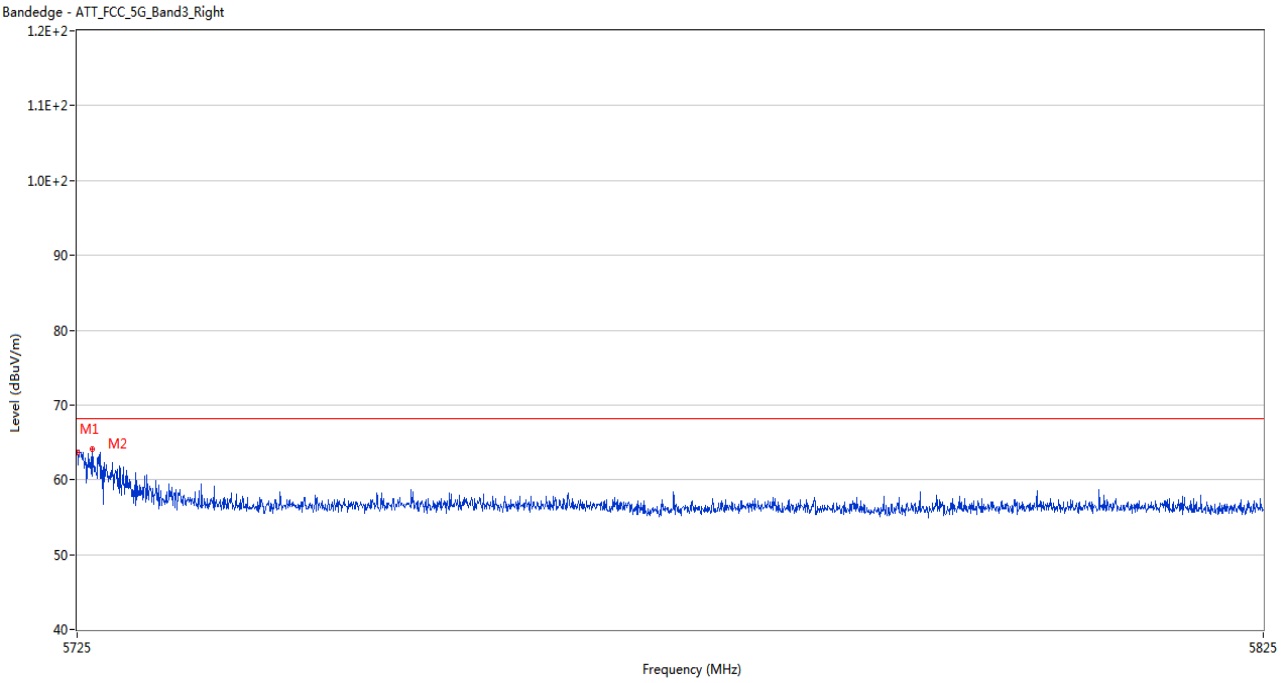
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	59.63	2.55	68.2	8.57	Peak	241.00	150	Horizontal	Pass
2	5725.100	66.13	2.55	68.2	2.07	Peak	82.00	100	Horizontal	Pass

U-NII-2C 11n20 Low Channel



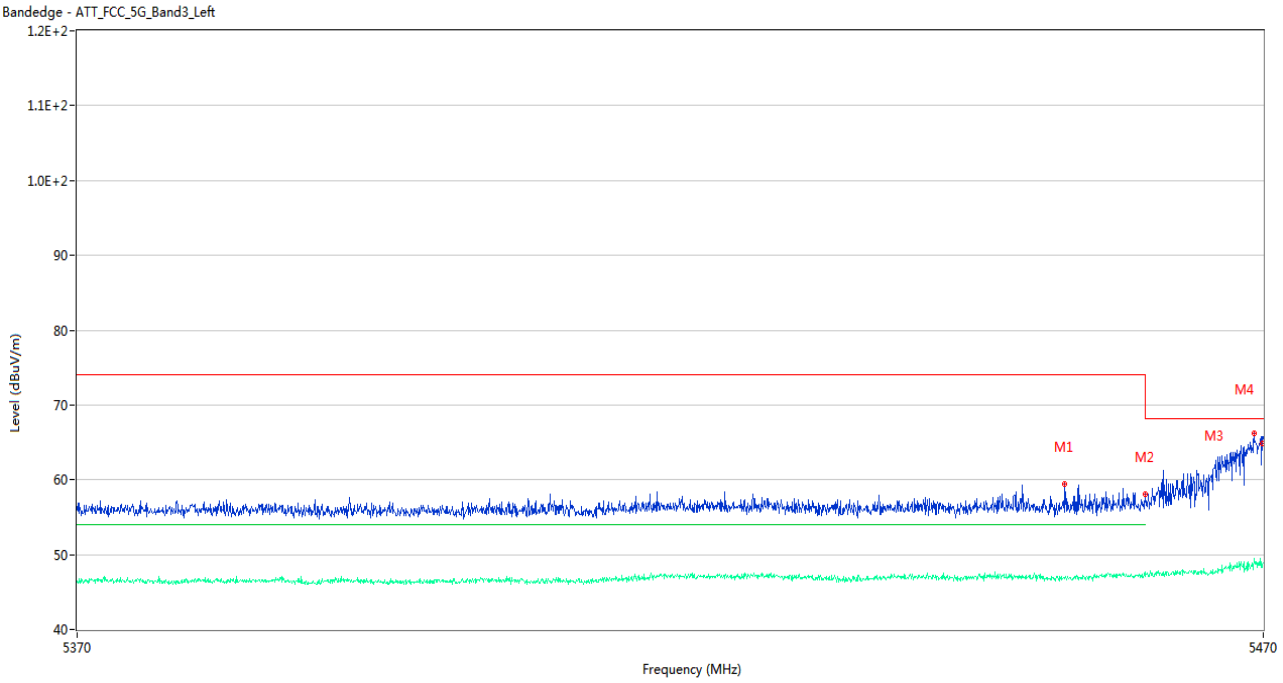
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.650	60.29	2.45	74.0	13.71	Peak	196.00	150	Horizontal	Pass
1**	5459.650	47.65	2.45	54.0	6.35	AV	196.00	150	Horizontal	Pass
2	5460.000	57.37	2.50	74.0	16.63	Peak	183.00	100	Horizontal	Pass
2**	5460.000	47.59	2.50	54.0	6.41	AV	183.00	100	Horizontal	Pass
3	5468.800	66.15	3.02	68.2	2.05	Peak	183.00	100	Horizontal	Pass
3**	5468.800	49.73	3.02	--	--	AV	183.00	100	Horizontal	N/A
4	5469.950	64.87	2.87	68.2	3.33	Peak	217.00	150	Horizontal	Pass
4**	5469.950	49.00	2.87	--	--	AV	217.00	150	Horizontal	N/A

U-NII-2C 11n20 High Channel



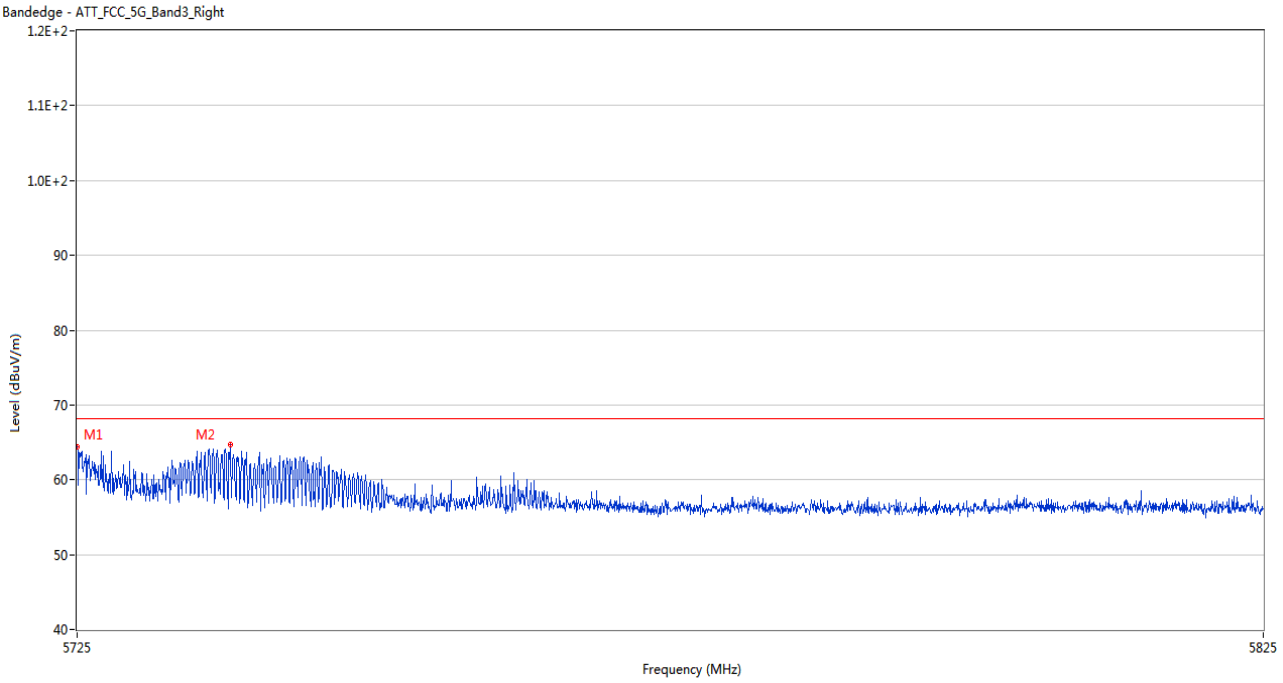
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.61	2.55	68.2	4.59	Peak	223.00	100	Horizontal	Pass
2	5726.300	64.06	2.52	68.2	4.14	Peak	209.00	150	Horizontal	Pass

U-NII-2C 11n40 Low Channel



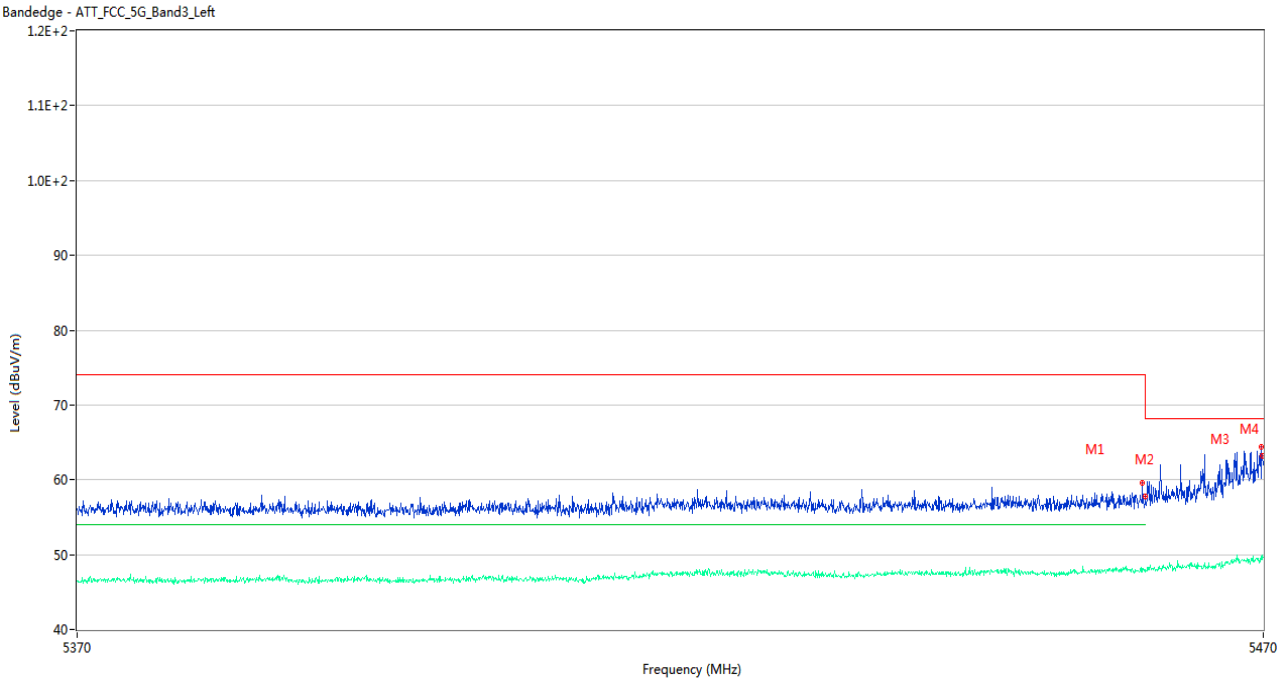
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5453.150	59.45	2.15	74.0	14.55	Peak	185.00	100	Horizontal	Pass
1**	5453.150	46.78	2.15	54.0	7.22	AV	185.00	100	Horizontal	Pass
2	5460.000	58.06	2.50	74.0	15.94	Peak	191.00	150	Horizontal	Pass
2**	5460.000	47.64	2.50	54.0	6.36	AV	191.00	150	Horizontal	Pass
3	5469.200	66.16	2.96	68.2	2.04	Peak	193.00	200	Horizontal	Pass
3**	5469.200	49.01	2.96	--	--	AV	193.00	200	Horizontal	N/A
4	5469.950	64.82	2.87	68.2	3.38	Peak	219.00	200	Horizontal	Pass
4**	5469.950	48.78	2.87	--	--	AV	219.00	200	Horizontal	N/A

U-NII-2C 11n40 High Channel



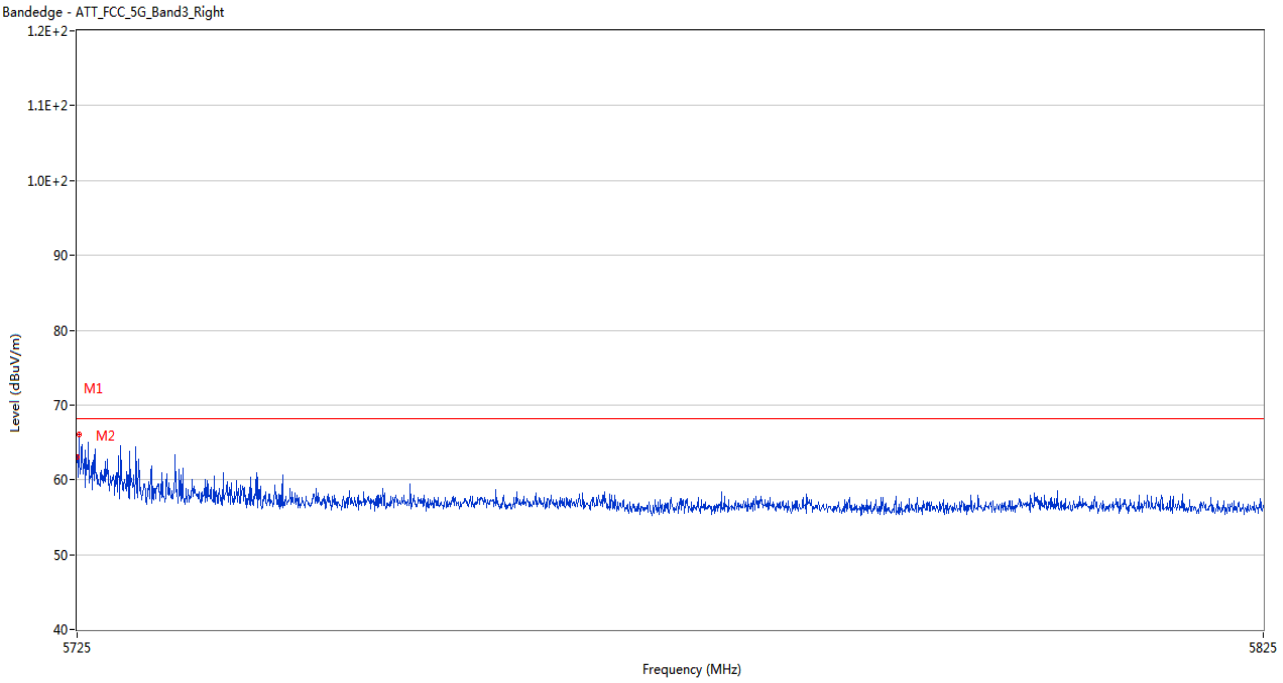
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	64.38	2.55	68.2	3.82	Peak	249.00	200	Horizontal	Pass
2	5737.800	64.66	2.08	68.2	3.54	Peak	244.00	100	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



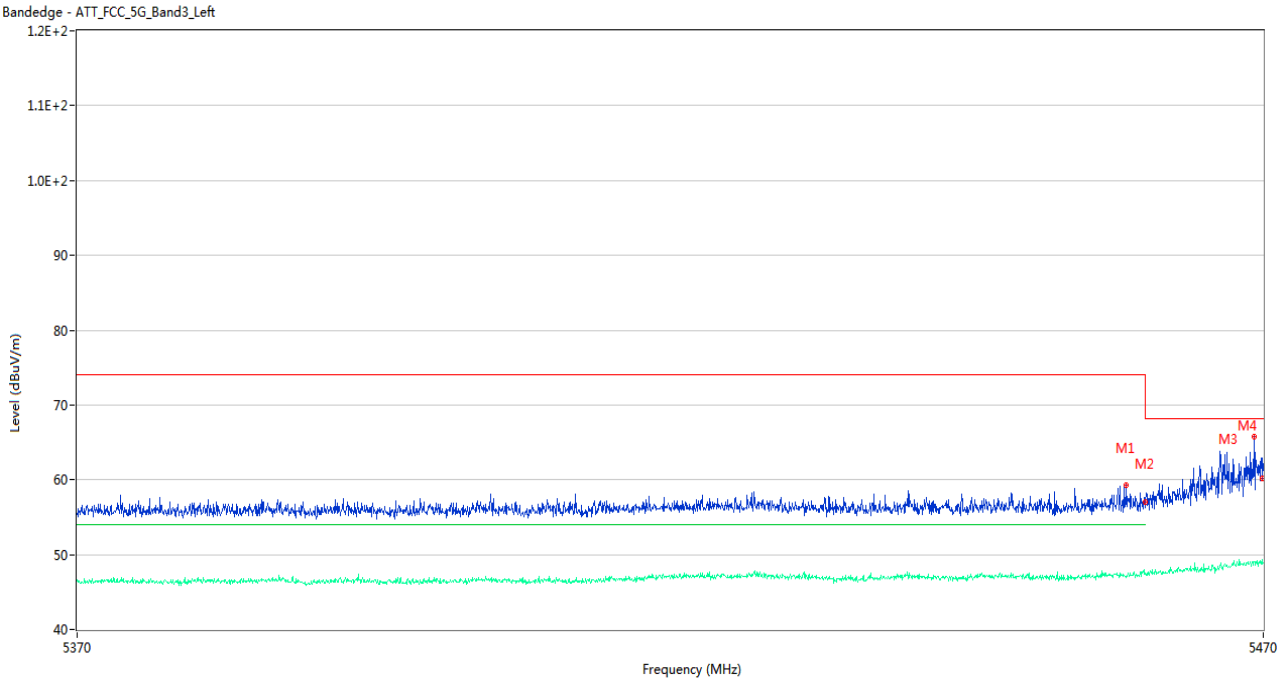
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.750	59.60	2.46	74.0	14.40	Peak	215.00	200	Horizontal	Pass
1**	5459.750	48.11	2.46	54.0	5.89	AV	215.00	200	Horizontal	Pass
2	5460.000	57.81	2.50	74.0	16.19	Peak	188.00	150	Horizontal	Pass
2**	5460.000	48.02	2.50	54.0	5.98	AV	188.00	150	Horizontal	Pass
3	5469.850	64.43	2.87	68.2	3.77	Peak	190.00	100	Horizontal	Pass
3**	5469.850	49.77	2.87	--	--	AV	190.00	100	Horizontal	N/A
4	5469.950	63.18	2.87	68.2	5.02	Peak	190.00	100	Horizontal	Pass
4**	5469.950	49.37	2.87	--	--	AV	190.00	100	Horizontal	N/A

U-NII-2C 11ac20 High Channel



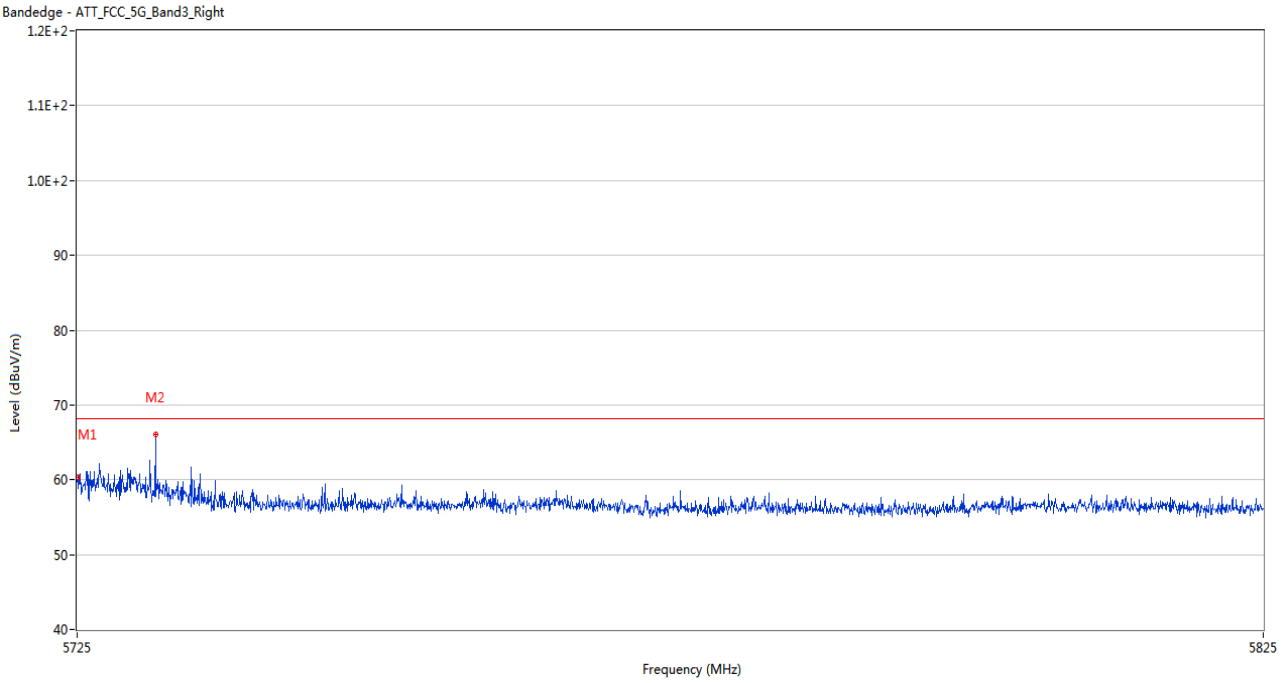
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.05	2.55	68.2	5.15	Peak	217.00	200	Horizontal	Pass
2	5725.150	66.05	2.55	68.2	2.15	Peak	203.00	100	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



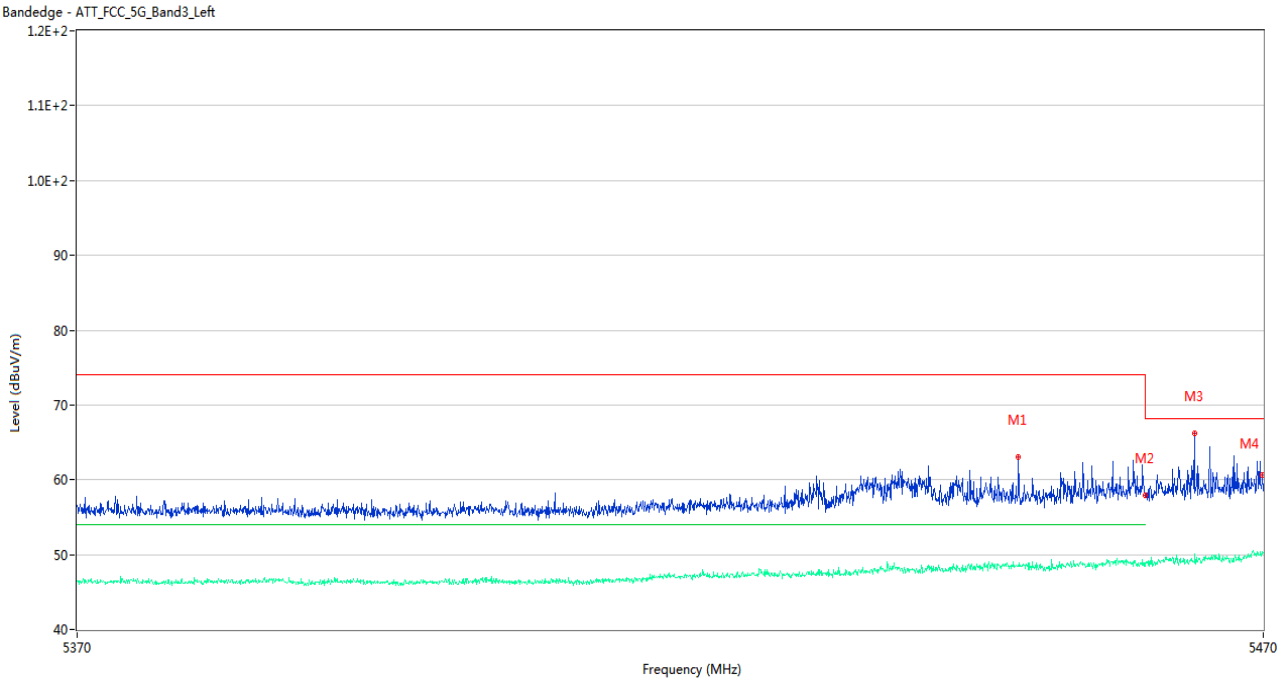
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.350	59.28	2.45	74.0	14.72	Peak	196.00	150	Horizontal	Pass
1**	5458.350	47.15	2.45	54.0	6.85	AV	196.00	150	Horizontal	Pass
2	5460.000	57.09	2.50	74.0	16.91	Peak	208.00	100	Horizontal	Pass
2**	5460.000	47.39	2.50	54.0	6.61	AV	208.00	100	Horizontal	Pass
3	5469.250	65.80	2.95	68.2	2.40	Peak	208.00	150	Horizontal	Pass
3**	5469.250	49.01	2.95	--	--	AV	208.00	150	Horizontal	N/A
4	5469.950	60.13	2.87	68.2	8.07	Peak	180.00	200	Horizontal	Pass
4**	5469.950	48.79	2.87	--	--	AV	180.00	200	Horizontal	N/A

U-NII-2C 11ac40 High Channel



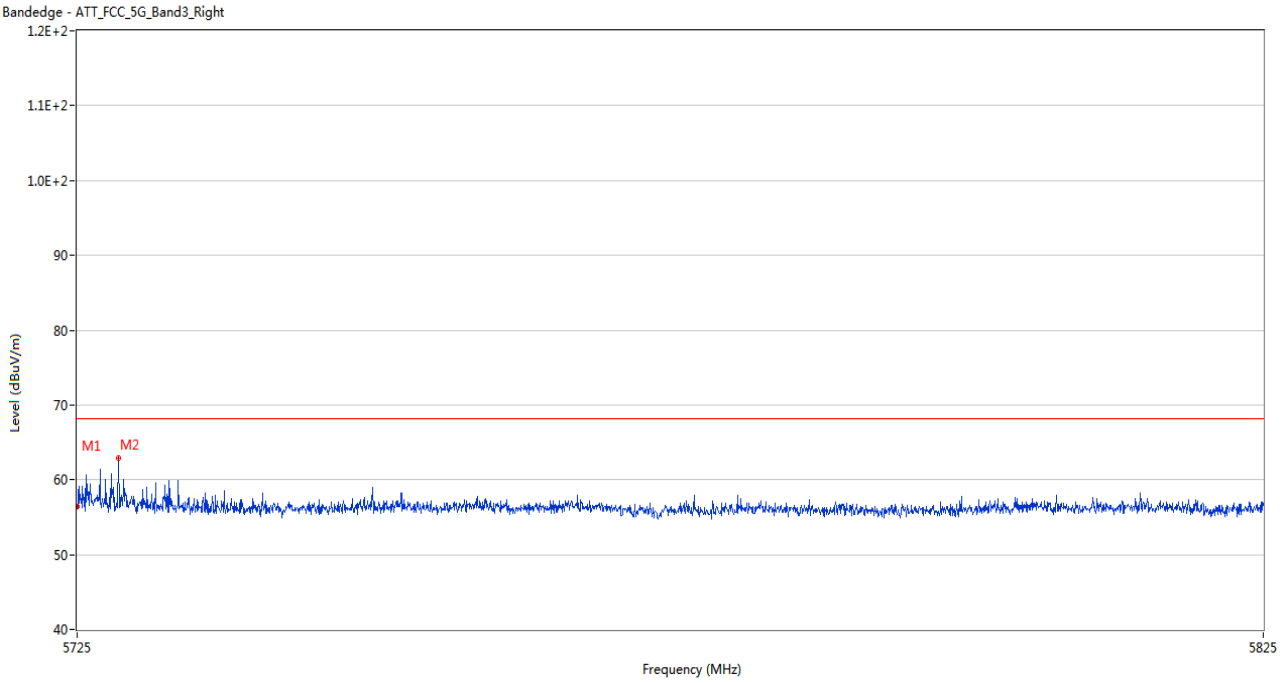
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	60.34	2.55	68.2	7.86	Peak	210.00	100	Horizontal	Pass
2	5731.550	66.04	2.18	68.2	2.16	Peak	215.00	150	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



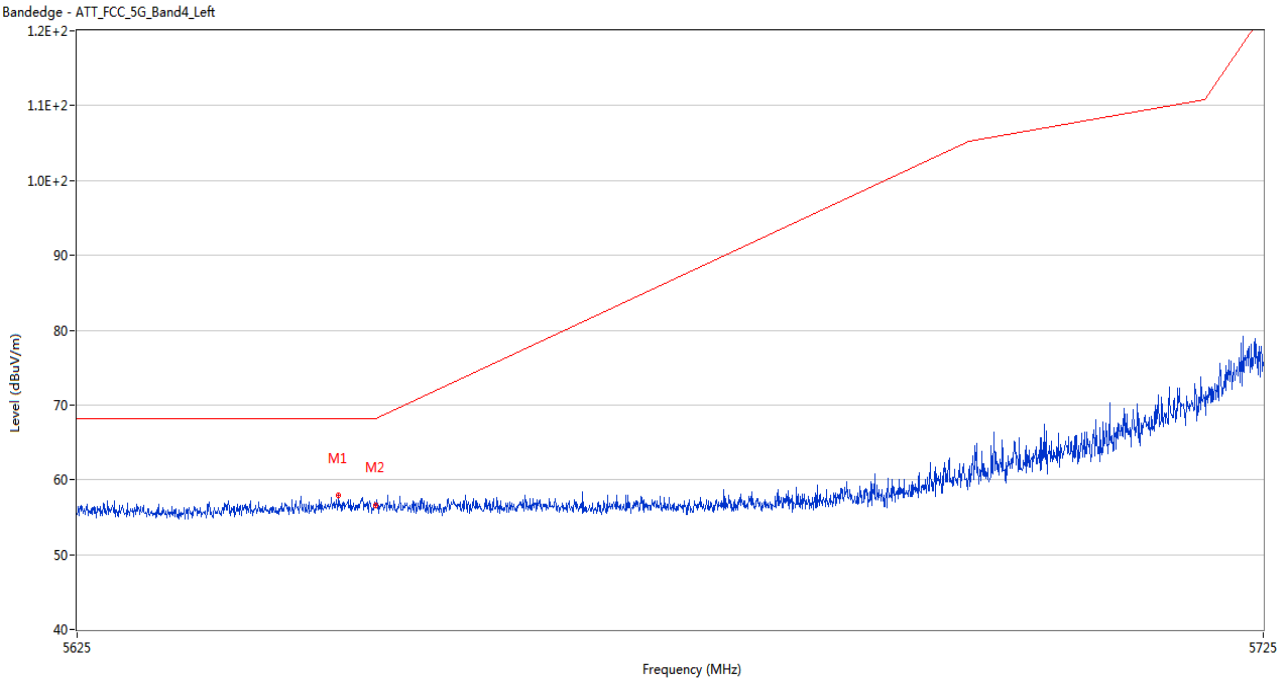
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5449.200	63.07	2.32	74.0	10.93	Peak	189.00	100	Horizontal	Pass
1**	5449.200	48.47	2.32	54.0	5.53	AV	189.00	100	Horizontal	Pass
2	5460.000	57.92	2.50	74.0	16.08	Peak	205.00	100	Horizontal	Pass
2**	5460.000	48.45	2.50	54.0	5.55	AV	205.00	100	Horizontal	Pass
3	5464.150	66.19	2.77	68.2	2.01	Peak	200.00	150	Horizontal	Pass
3**	5464.150	48.89	2.77	--	--	AV	200.00	150	Horizontal	N/A
4	5469.950	60.58	2.87	68.2	7.62	Peak	203.00	100	Horizontal	Pass
4**	5469.950	50.09	2.87	--	--	AV	203.00	100	Horizontal	N/A

U-NII-2C 11ac80 High Channel



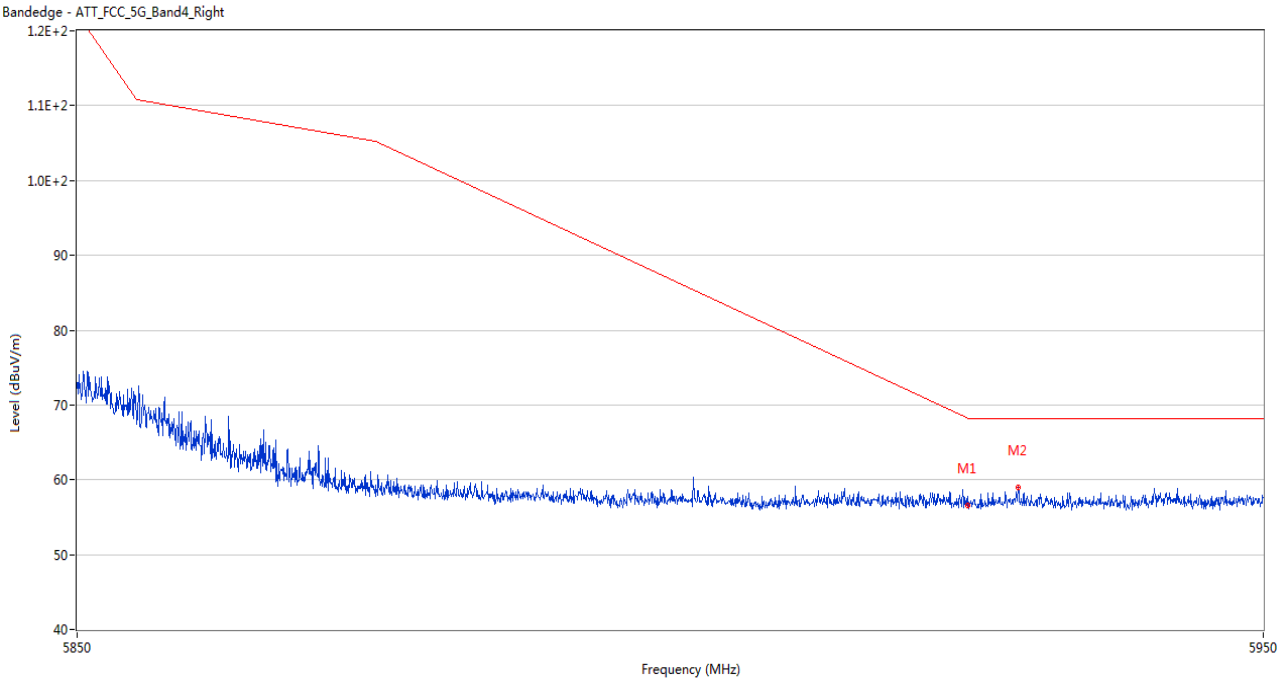
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.45	2.55	68.2	11.75	Peak	257.00	200	Horizontal	Pass
2	5728.450	62.88	2.61	68.2	5.32	Peak	209.00	150	Horizontal	Pass

U-NII-3 11a Low Channel



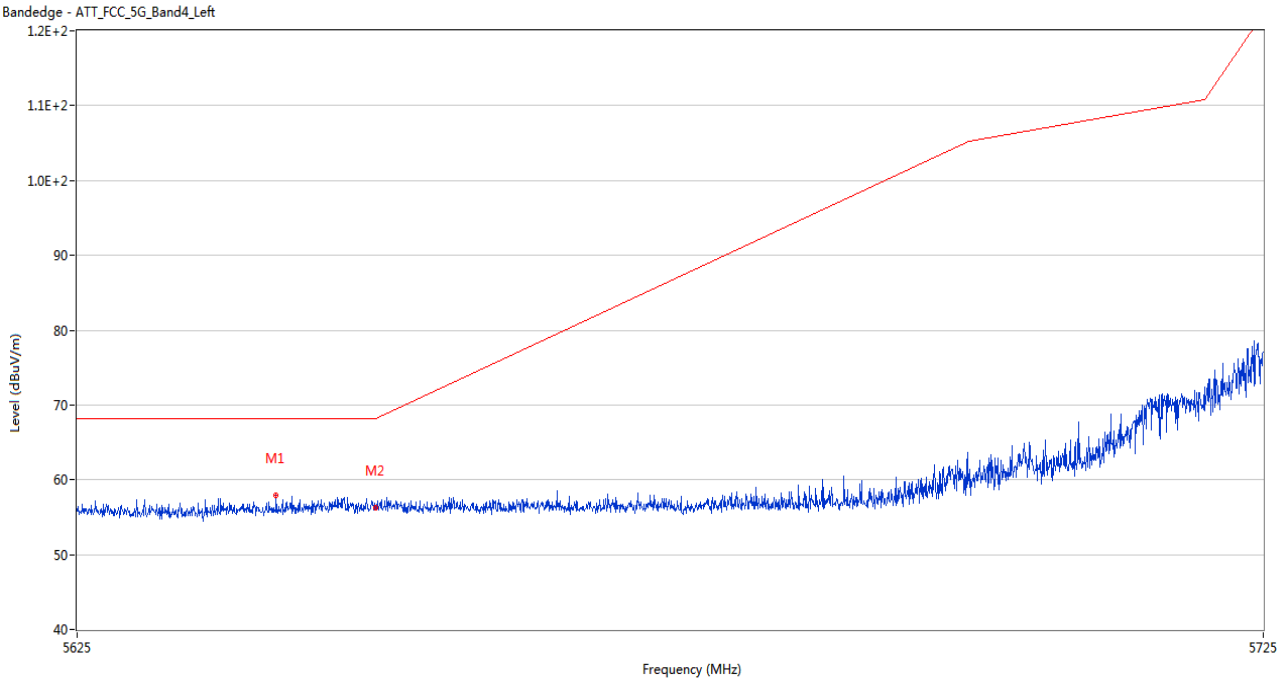
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.900	57.93	2.65	68.2	10.27	Peak	233.00	200	Horizontal	Pass
2	5650.000	56.63	2.54	68.2	11.57	Peak	288.00	150	Horizontal	Pass

U-NII-3 11a High Channel



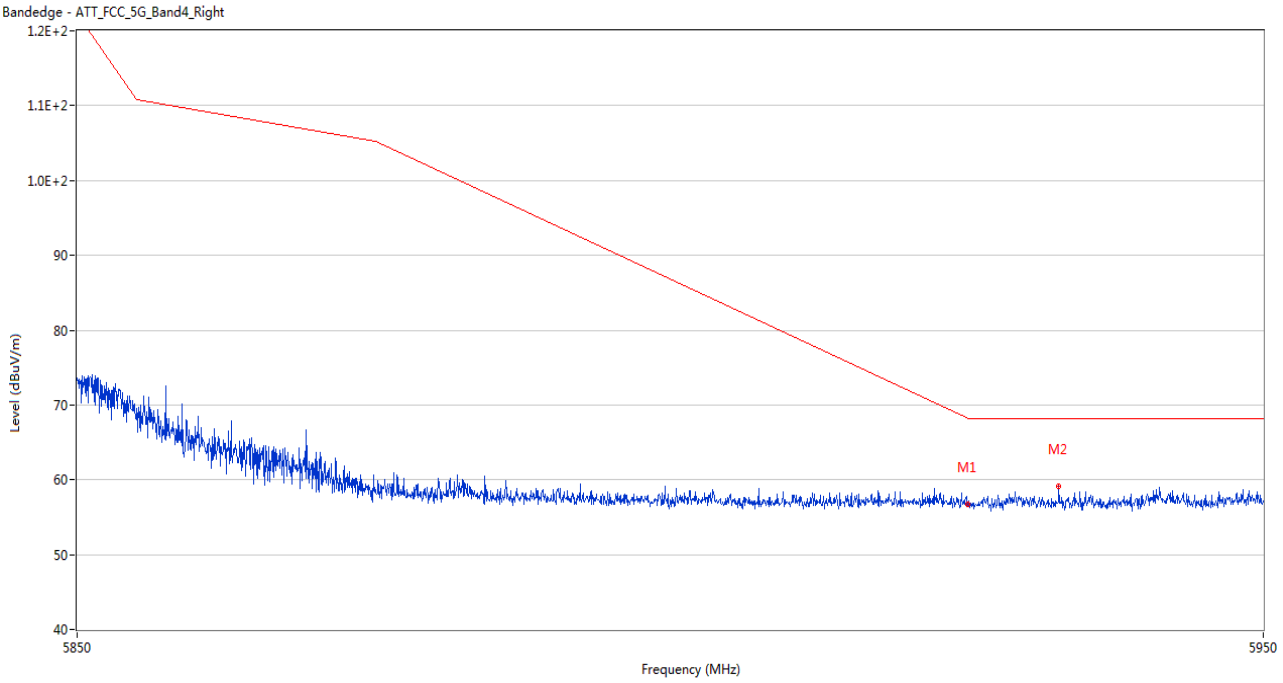
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.52	2.32	68.2	11.68	Peak	345.00	200	Horizontal	Pass
2	5929.200	59.01	2.68	68.2	9.19	Peak	0.00	200	Horizontal	Pass

U-NII-3 11n20 Low Channel



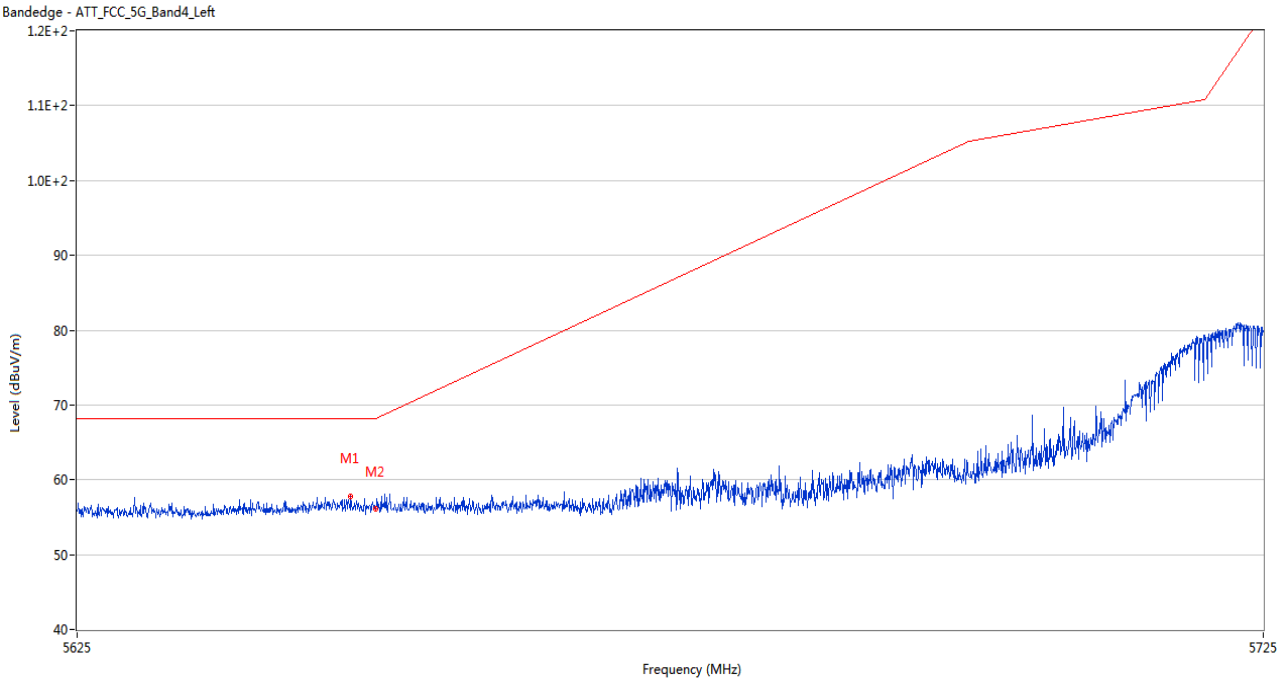
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5641.650	57.88	2.30	68.2	10.32	Peak	211.00	100	Horizontal	Pass
2	5650.000	56.32	2.54	68.2	11.88	Peak	207.00	150	Horizontal	Pass

U-NII-3 11n20 High Channel



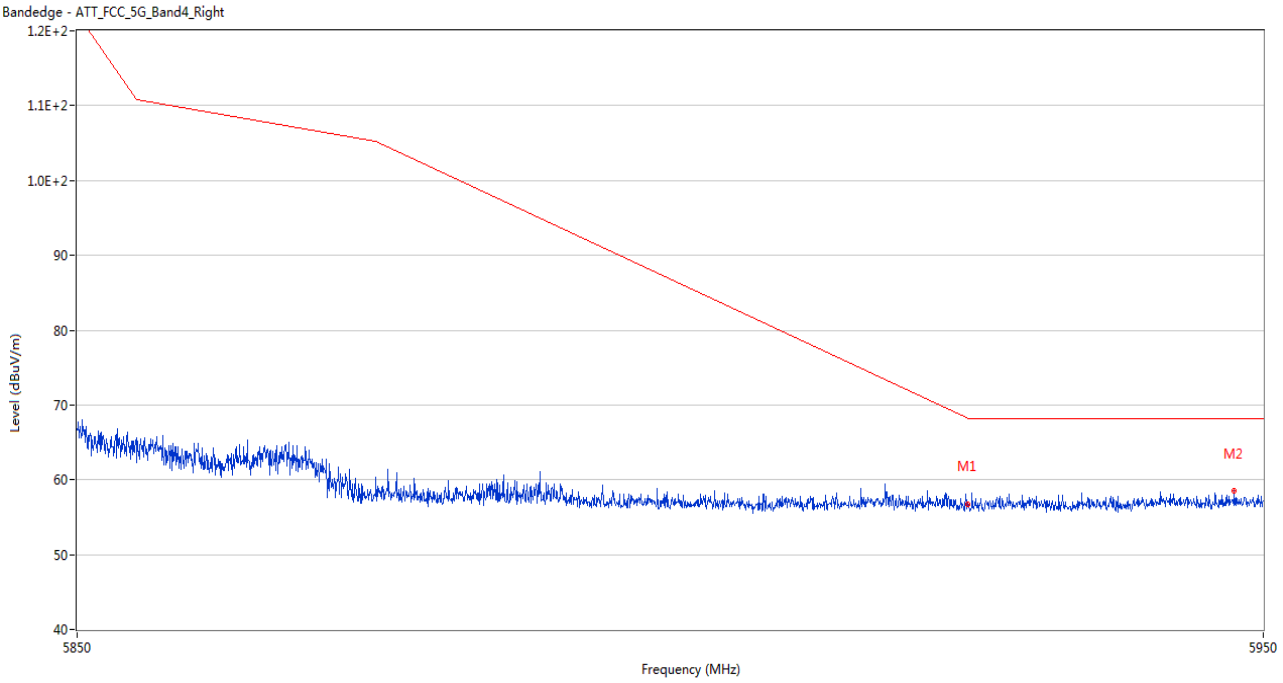
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.67	2.32	68.2	11.53	Peak	271.00	200	Horizontal	Pass
2	5932.650	59.08	2.33	68.2	9.12	Peak	214.00	150	Horizontal	Pass

U-NII-3 11n40 Low Channel



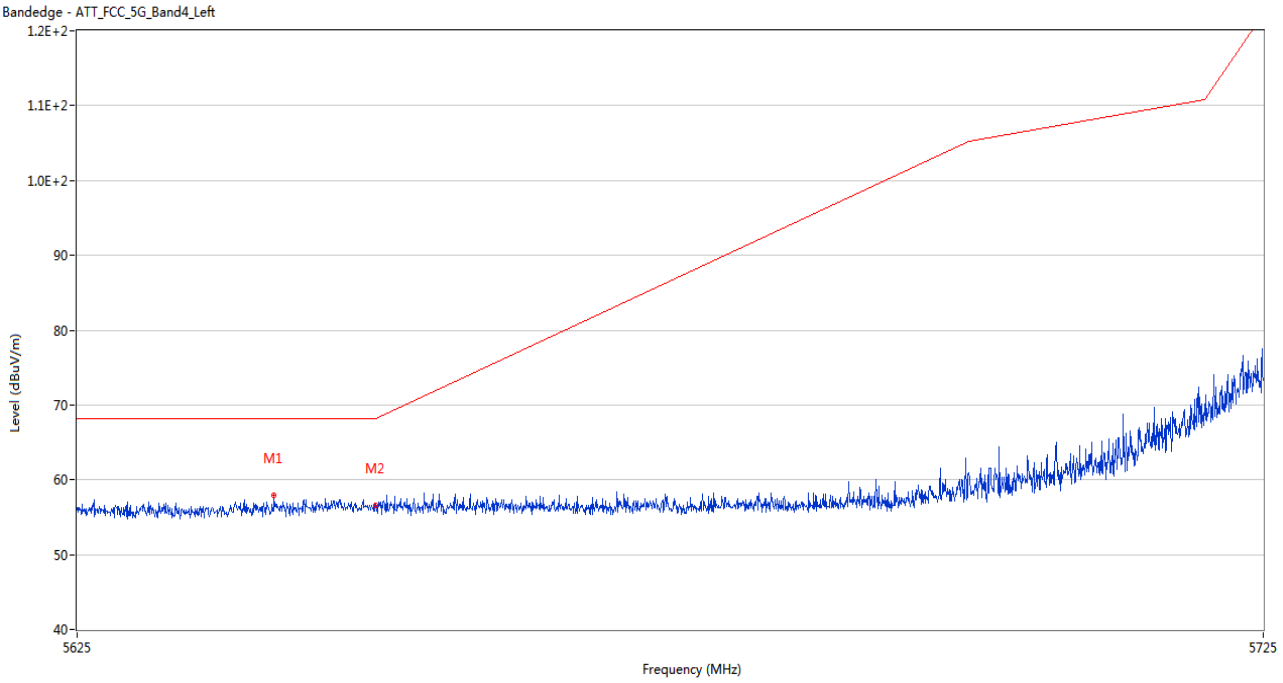
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.900	57.83	2.56	68.2	10.37	Peak	61.00	200	Horizontal	Pass
2	5650.000	56.08	2.54	68.2	12.12	Peak	249.00	100	Horizontal	Pass

U-NII-3 11n40 High Channel



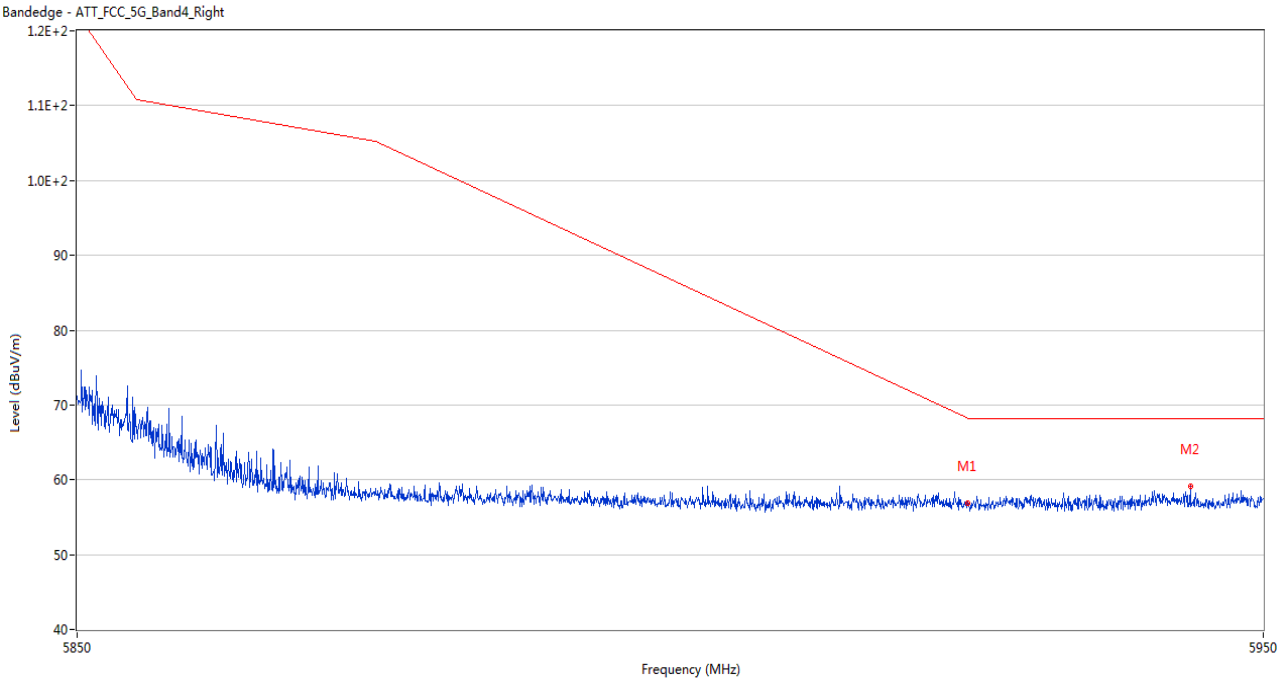
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.77	2.32	68.2	11.43	Peak	250.00	200	Horizontal	Pass
2	5947.550	58.55	2.63	68.2	9.65	Peak	255.00	200	Horizontal	Pass

U-NII-3 11ac20 Low Channel



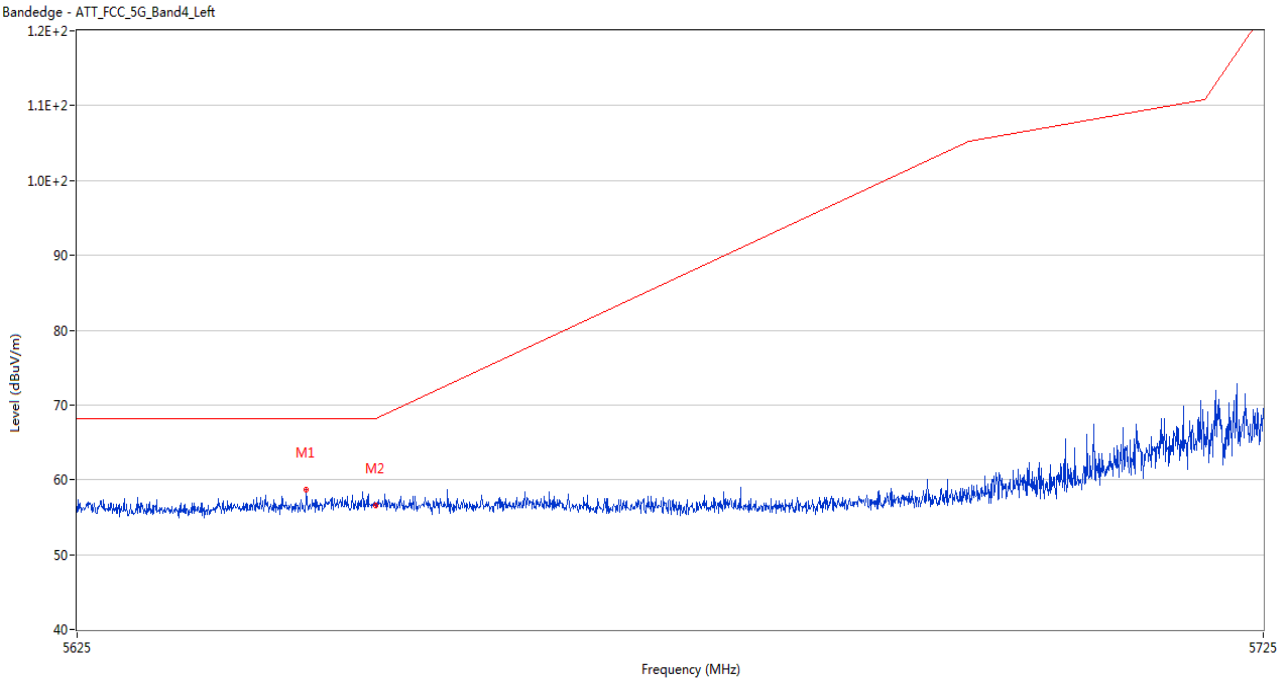
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5641.500	57.85	2.30	68.2	10.35	Peak	312.00	100	Horizontal	Pass
2	5650.000	56.59	2.54	68.2	11.61	Peak	218.00	100	Horizontal	Pass

U-NII-3 11ac20 High Channel



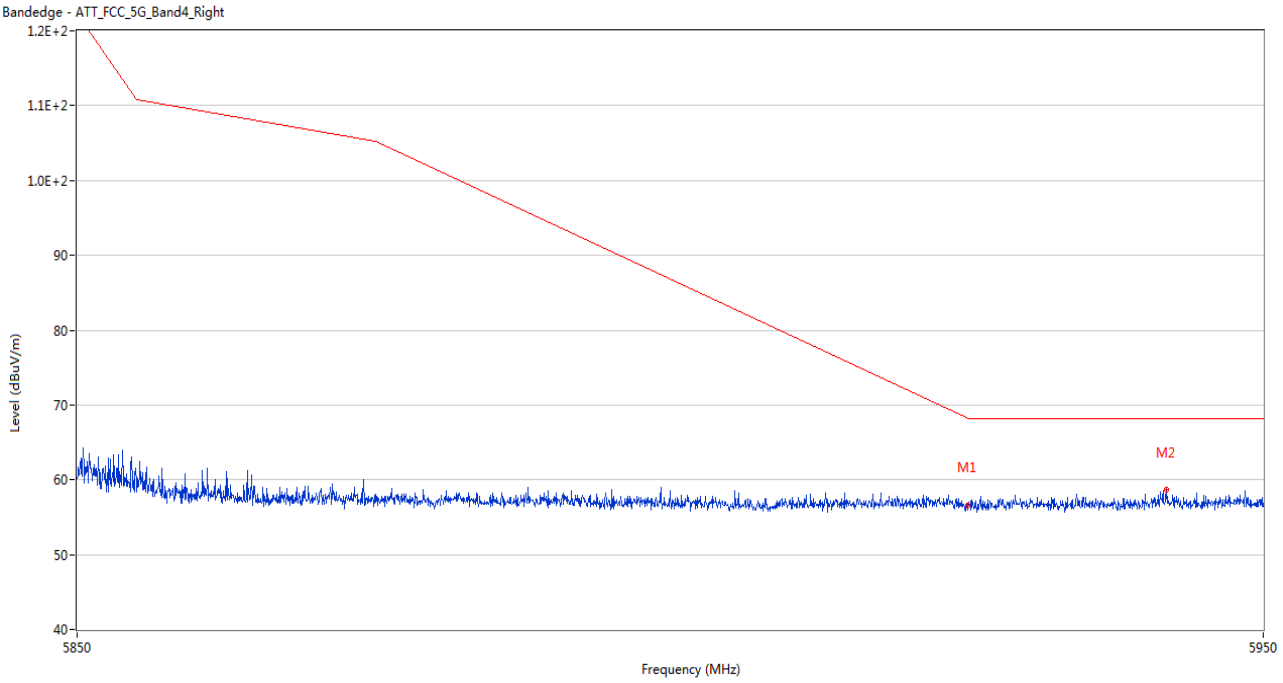
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.83	2.32	68.2	11.37	Peak	282.00	150	Horizontal	Pass
2	5943.800	59.11	2.45	68.2	9.09	Peak	201.00	200	Horizontal	Pass

U-NII-3 11ac40 Low Channel



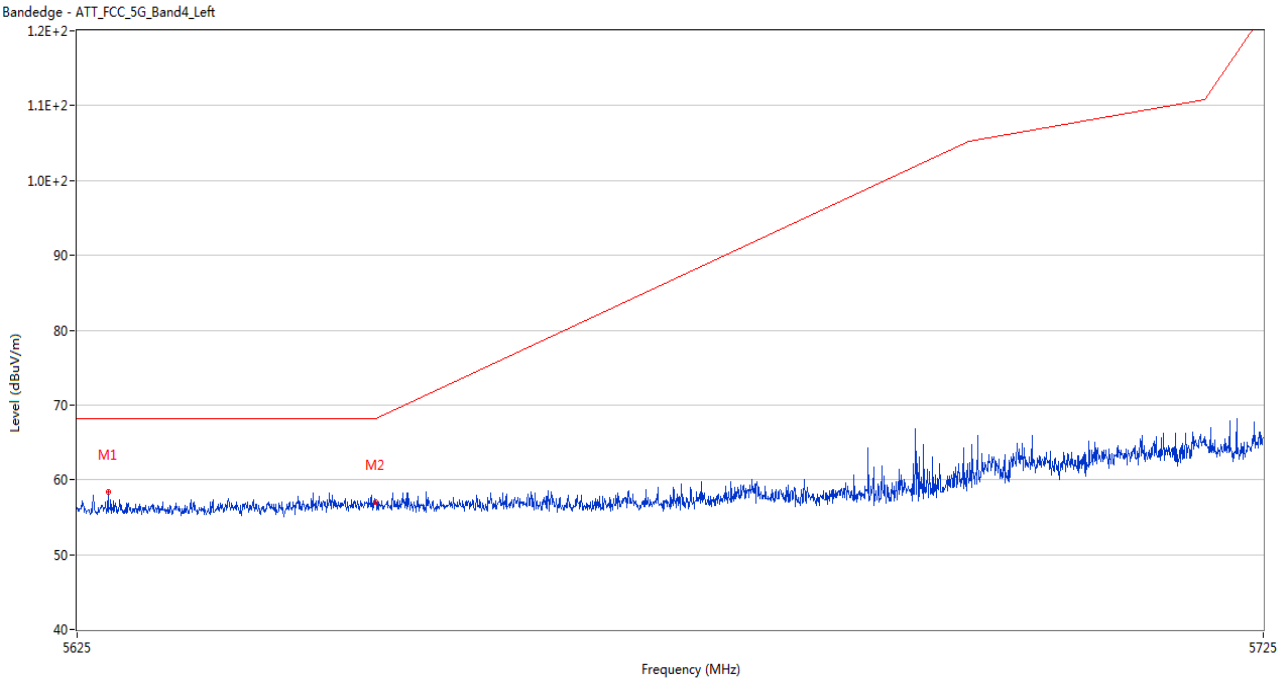
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.200	58.64	2.40	68.2	9.56	Peak	177.00	100	Horizontal	Pass
2	5650.000	56.51	2.54	68.2	11.69	Peak	63.00	100	Horizontal	Pass

U-NII-3 11ac40 High Channel



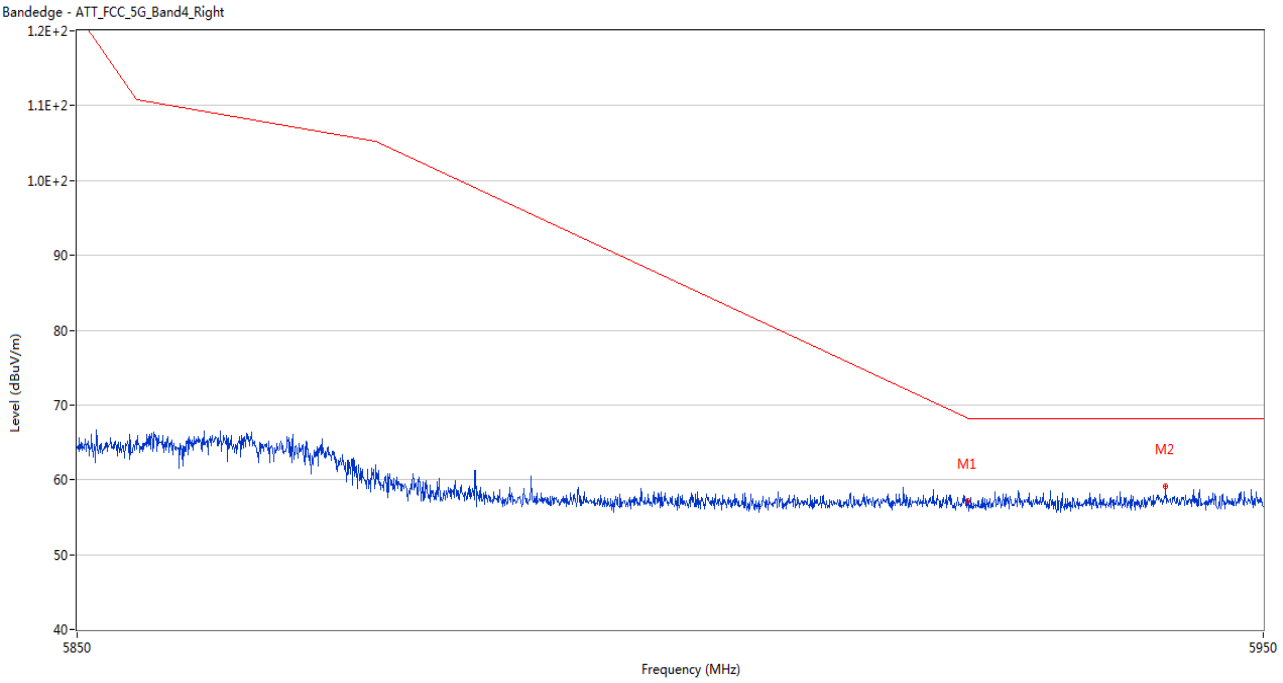
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.63	2.32	68.2	11.57	Peak	32.00	200	Horizontal	Pass
2	5941.800	58.69	2.86	68.2	9.51	Peak	58.00	200	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



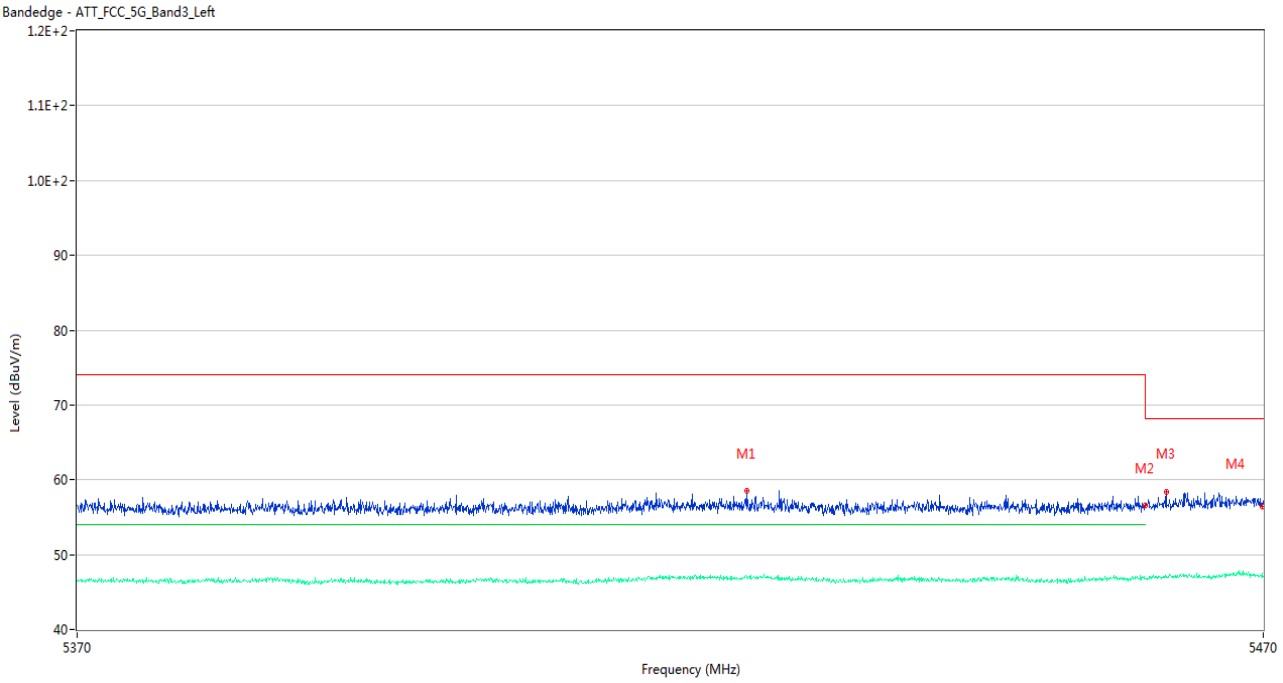
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5627.600	58.32	2.23	68.2	9.88	Peak	80.00	200	Horizontal	Pass
2	5650.000	57.05	2.54	68.2	11.15	Peak	155.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



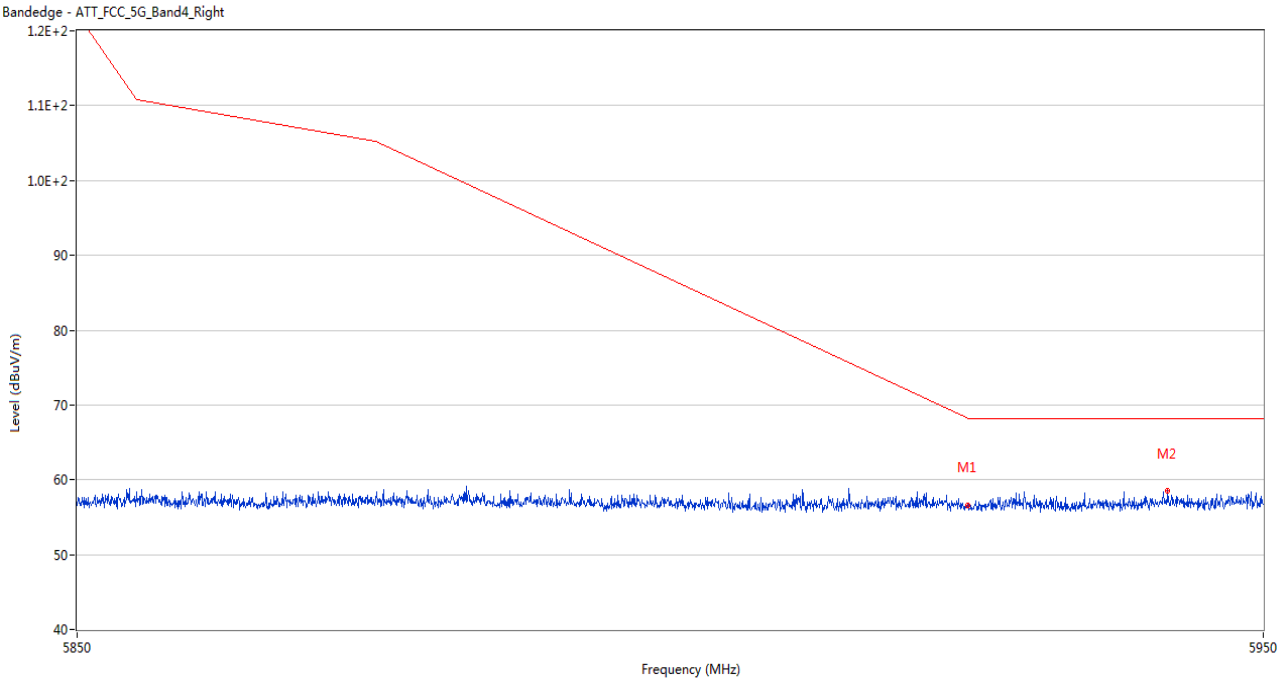
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	57.17	2.32	68.2	11.03	Peak	299.00	100	Horizontal	Pass
2	5941.700	59.14	2.88	68.2	9.06	Peak	112.00	150	Horizontal	Pass

U-NII-2C & U-NII-3 11a 144 Channel



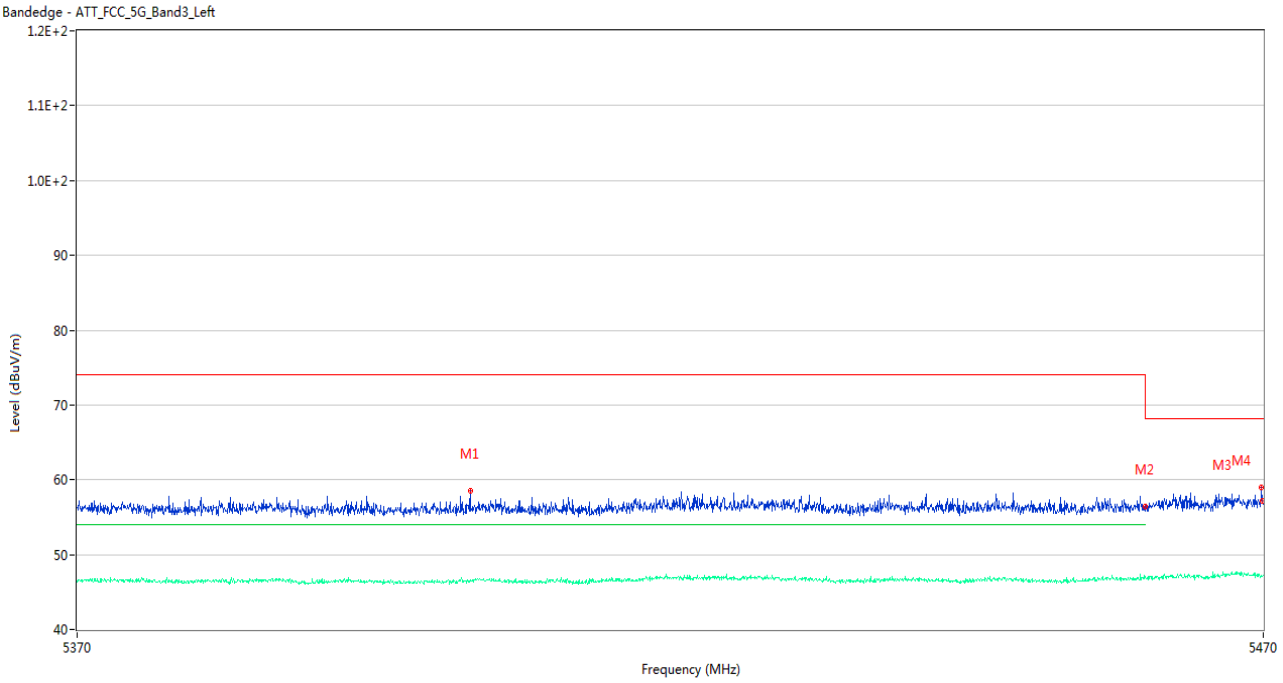
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5426.200	58.51	2.43	74.0	15.49	Peak	89.00	100	Horizontal	Pass
1**	5426.200	47.06	2.43	54.0	6.94	AV	89.00	100	Horizontal	Pass
2	5460.000	56.56	2.50	74.0	17.44	Peak	130.00	200	Horizontal	Pass
2**	5460.000	46.81	2.50	54.0	7.19	AV	130.00	200	Horizontal	Pass
3	5461.750	58.45	2.71	68.2	9.75	Peak	209.00	100	Horizontal	Pass
3**	5461.750	46.91	2.71	--	--	AV	209.00	100	Horizontal	N/A
4	5469.950	56.42	2.87	68.2	11.78	Peak	2.00	200	Horizontal	Pass
4**	5469.950	46.95	2.87	--	--	AV	2.00	200	Horizontal	N/A

U-NII-2C & U-NII-3 11a 144 Channel



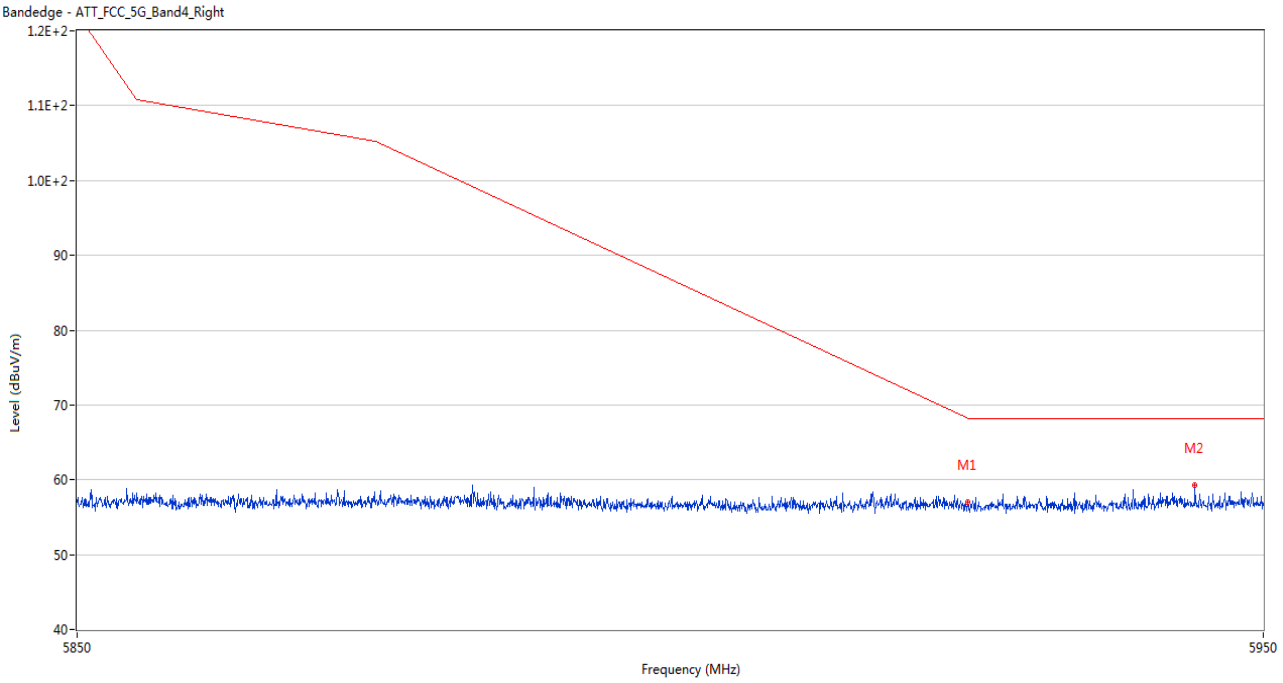
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.64	2.32	68.2	11.56	Peak	187.00	150	Horizontal	Pass
2	5941.900	58.48	2.84	68.2	9.72	Peak	328.00	150	Horizontal	Pass

U-NII-2C & U-NII-3 11n20 144 Channel



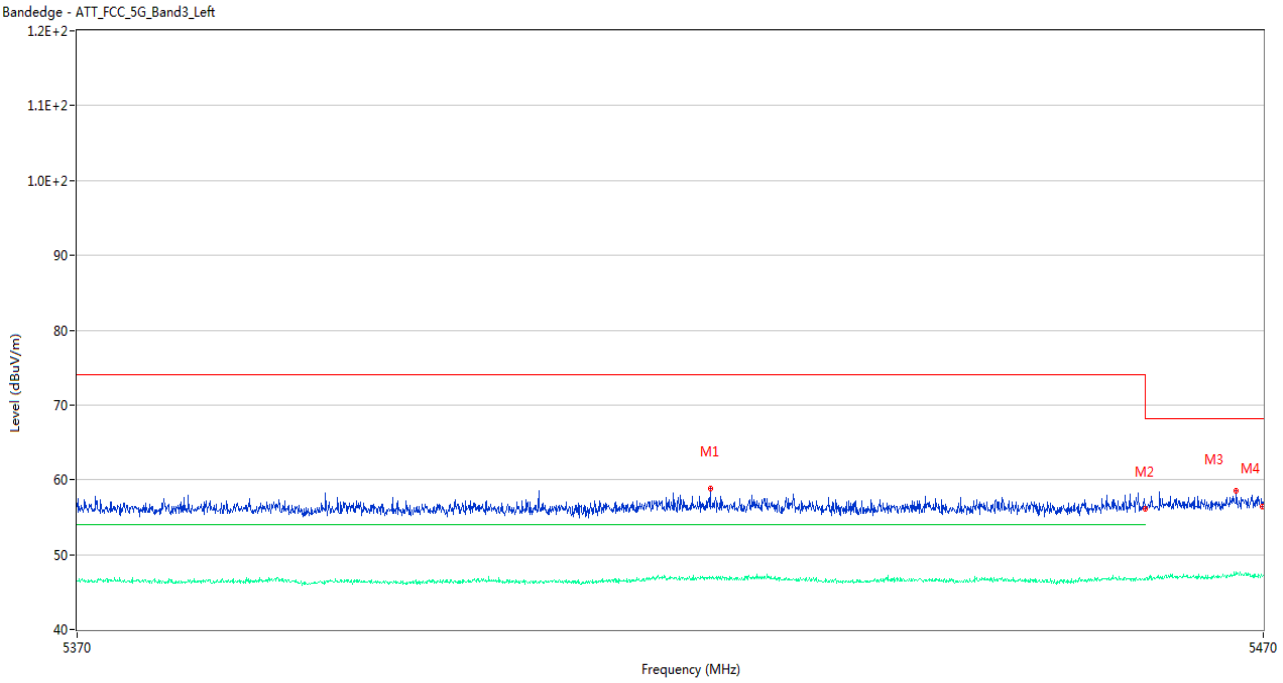
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5402.950	58.47	2.06	74.0	15.53	Peak	111.00	200	Horizontal	Pass
1**	5402.950	46.45	2.06	54.0	7.55	AV	111.00	200	Horizontal	Pass
2	5460.000	56.44	2.50	74.0	17.56	Peak	158.00	200	Horizontal	Pass
2**	5460.000	47.11	2.50	54.0	6.89	AV	158.00	200	Horizontal	Pass
3	5469.850	59.05	2.87	68.2	9.15	Peak	166.00	150	Horizontal	Pass
3**	5469.850	47.24	2.87	--	--	AV	166.00	150	Horizontal	N/A
4	5469.950	57.10	2.87	68.2	11.10	Peak	9.00	200	Horizontal	Pass
4**	5469.950	47.07	2.87	--	--	AV	9.00	200	Horizontal	N/A

U-NII-2C & U-NII-3 11n20 144 Channel



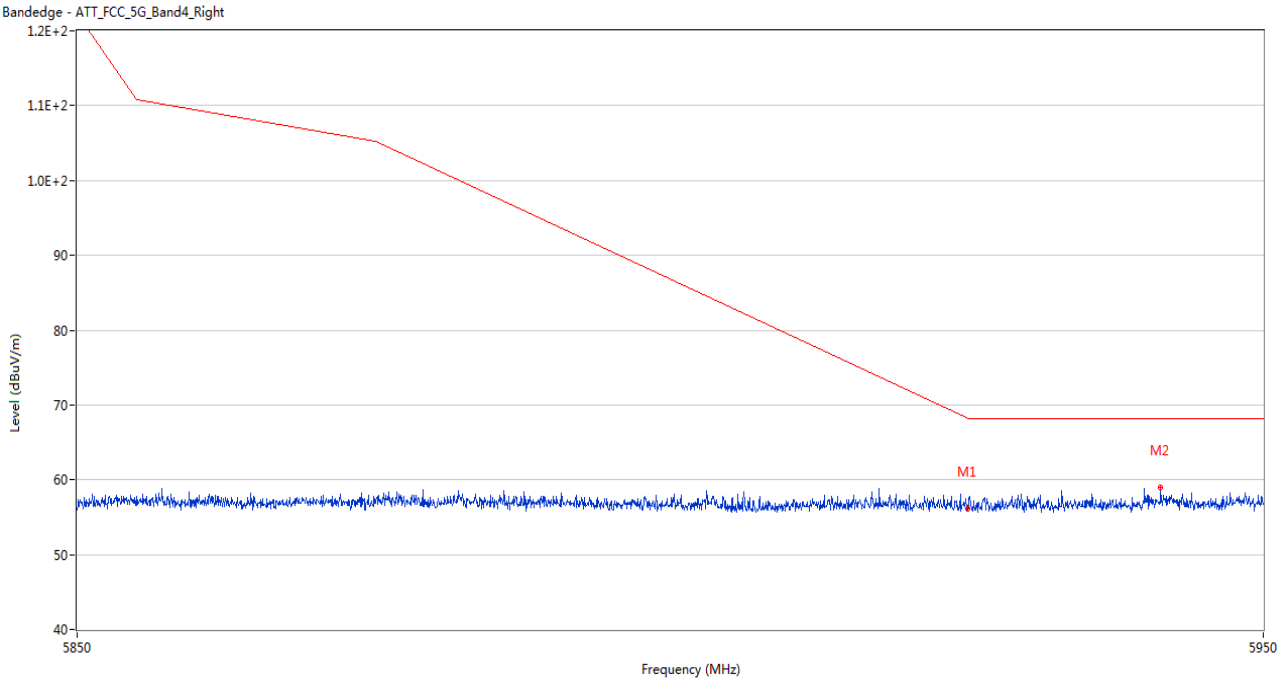
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.98	2.32	68.2	11.22	Peak	261.00	150	Horizontal	Pass
2	5944.200	59.26	2.42	68.2	8.94	Peak	193.00	100	Horizontal	Pass

U-NII-2C & U-NII-3 11n40 142 Channel



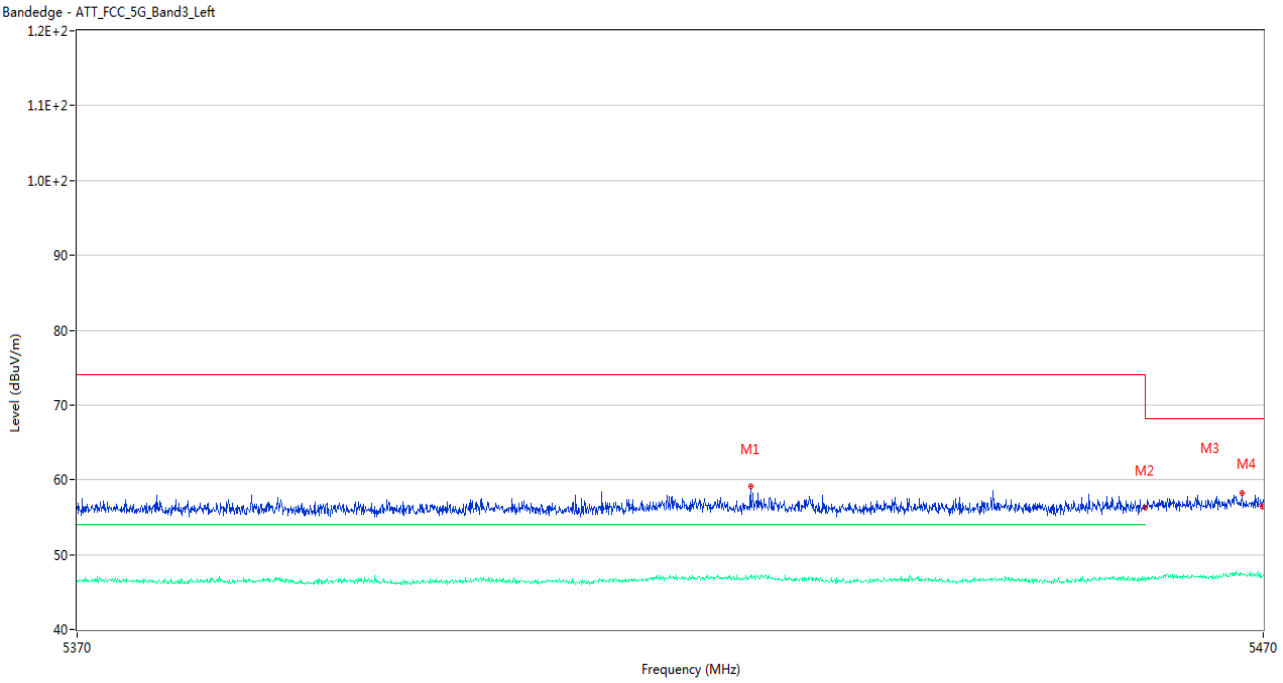
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5423.150	58.79	2.45	74.0	15.21	Peak	223.00	100	Horizontal	Pass
1**	5423.150	46.92	2.45	54.0	7.08	AV	223.00	100	Horizontal	Pass
2	5460.000	56.10	2.50	74.0	17.90	Peak	230.00	200	Horizontal	Pass
2**	5460.000	46.72	2.50	54.0	7.28	AV	230.00	200	Horizontal	Pass
3	5467.700	58.54	3.16	68.2	9.66	Peak	47.00	100	Horizontal	Pass
3**	5467.700	47.72	3.16	--	--	AV	47.00	100	Horizontal	N/A
4	5469.950	56.48	2.87	68.2	11.72	Peak	287.00	200	Horizontal	Pass
4**	5469.950	47.05	2.87	--	--	AV	287.00	200	Horizontal	N/A

U-NII-2C & U-NII-3 11n40 142 Channel



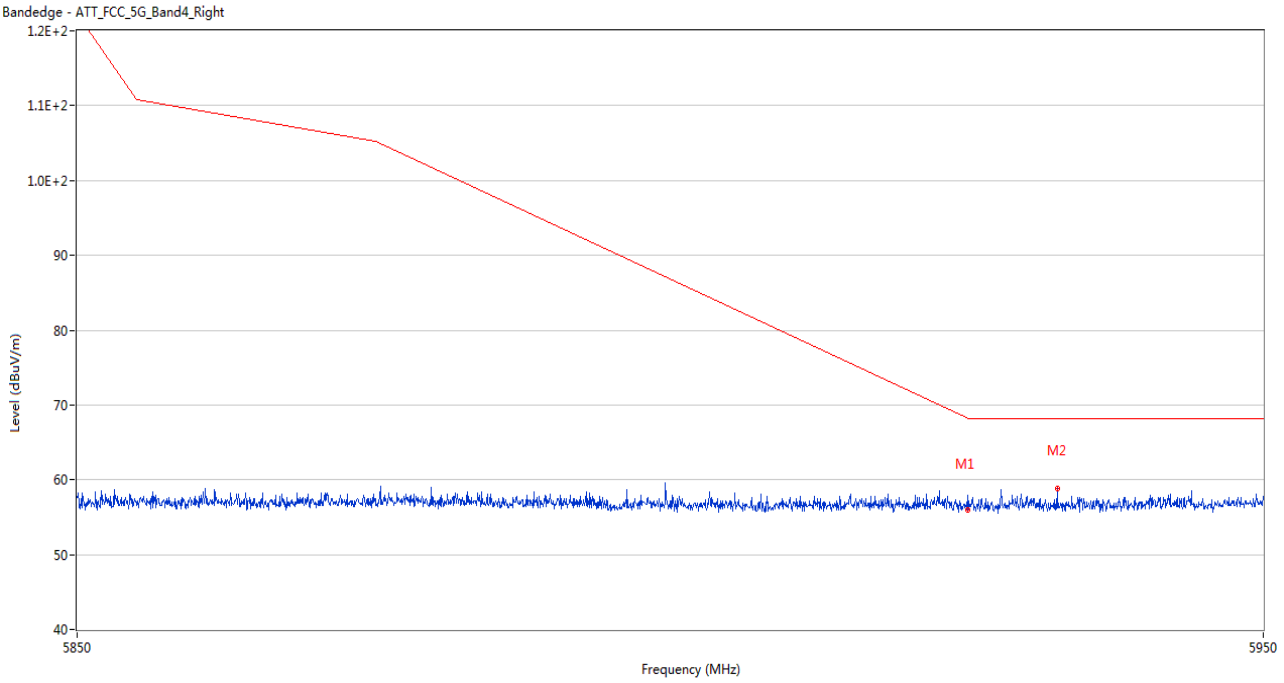
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.13	2.32	68.2	12.07	Peak	166.00	100	Horizontal	Pass
2	5941.300	59.01	2.82	68.2	9.19	Peak	252.00	100	Horizontal	Pass

U-NII-2C & U-NII-3 11ac20 144 Channel



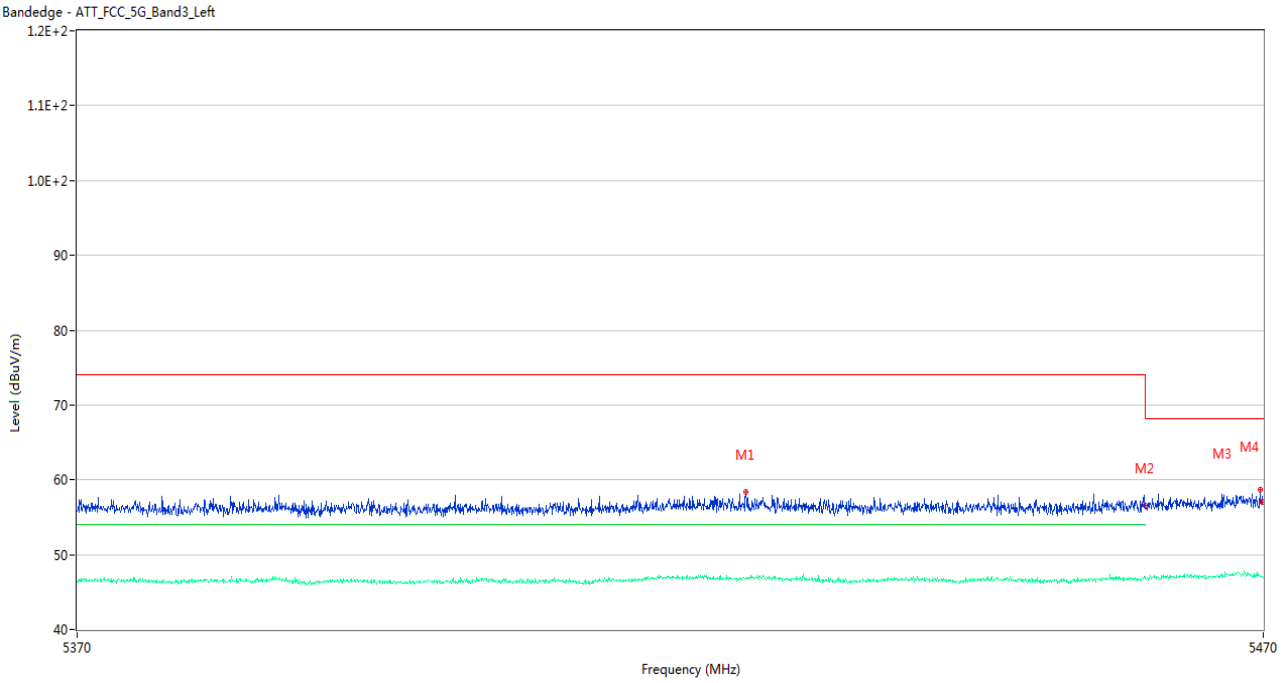
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5426.550	59.12	2.46	74.0	14.88	Peak	43.00	100	Horizontal	Pass
1**	5426.550	47.19	2.46	54.0	6.81	AV	43.00	100	Horizontal	Pass
2	5460.000	56.28	2.50	74.0	17.72	Peak	32.00	100	Horizontal	Pass
2**	5460.000	46.79	2.50	54.0	7.21	AV	32.00	100	Horizontal	Pass
3	5468.200	58.27	3.10	68.2	9.93	Peak	149.00	200	Horizontal	Pass
3**	5468.200	47.33	3.10	--	--	AV	149.00	200	Horizontal	N/A
4	5469.950	56.35	2.87	68.2	11.85	Peak	214.00	150	Horizontal	Pass
4**	5469.950	47.02	2.87	--	--	AV	214.00	150	Horizontal	N/A

U-NII-2C & U-NII-3 11ac20 144 Channel



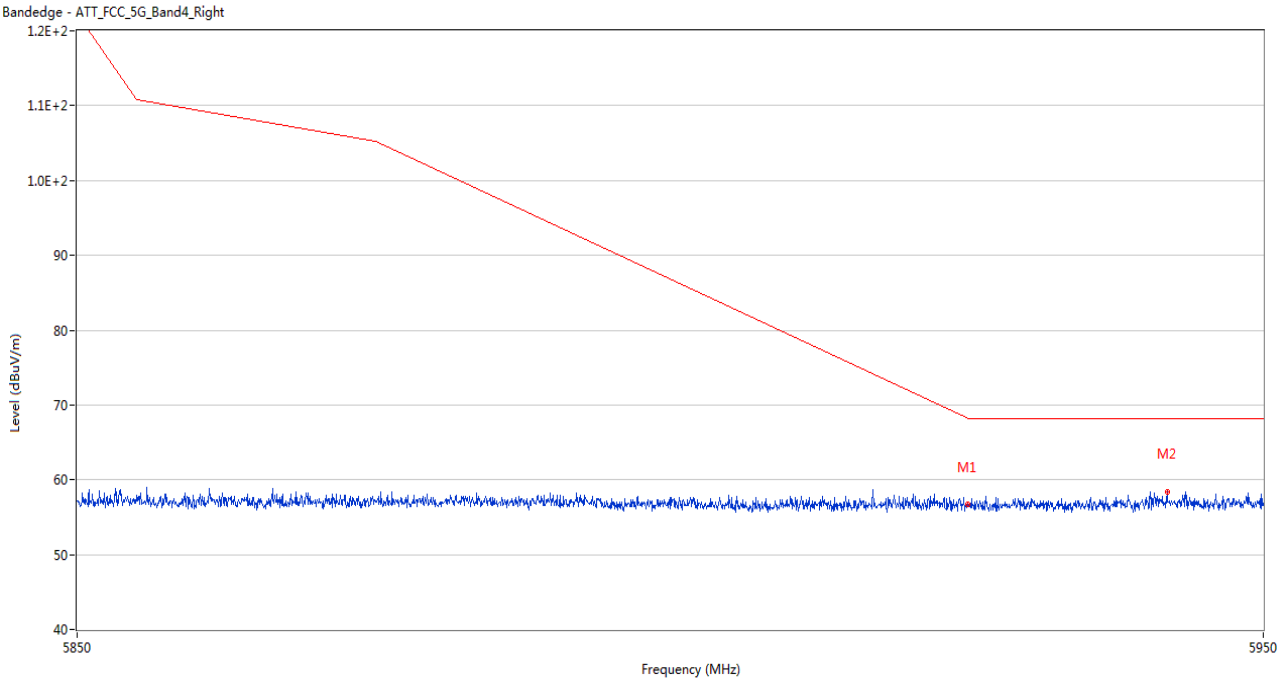
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.01	2.32	68.2	12.19	Peak	119.00	150	Horizontal	Pass
2	5932.500	58.89	2.35	68.2	9.31	Peak	304.00	100	Horizontal	Pass

U-NII-2C & U-NII-3 11ac40 142 Channel



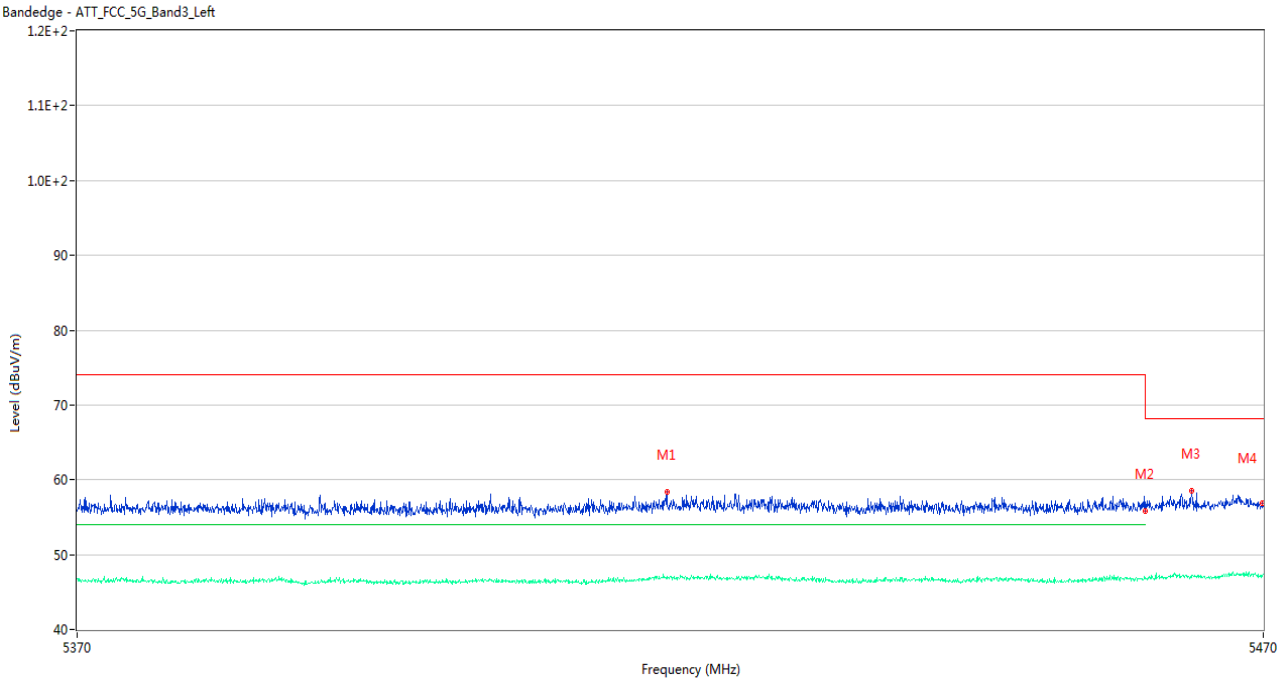
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5426.150	58.37	2.42	74.0	15.63	Peak	94.00	200	Horizontal	Pass
1**	5426.150	46.78	2.42	54.0	7.22	AV	94.00	200	Horizontal	Pass
2	5460.000	56.53	2.50	74.0	17.47	Peak	339.00	150	Horizontal	Pass
2**	5460.000	46.73	2.50	54.0	7.27	AV	339.00	150	Horizontal	Pass
3	5469.700	58.65	2.89	68.2	9.55	Peak	307.00	100	Horizontal	Pass
3**	5469.700	47.11	2.89	--	--	AV	307.00	100	Horizontal	N/A
4	5469.950	57.08	2.87	68.2	11.12	Peak	70.00	150	Horizontal	Pass
4**	5469.950	47.01	2.87	--	--	AV	70.00	150	Horizontal	N/A

U-NII-2C & U-NII-3 11ac40 142 Channel



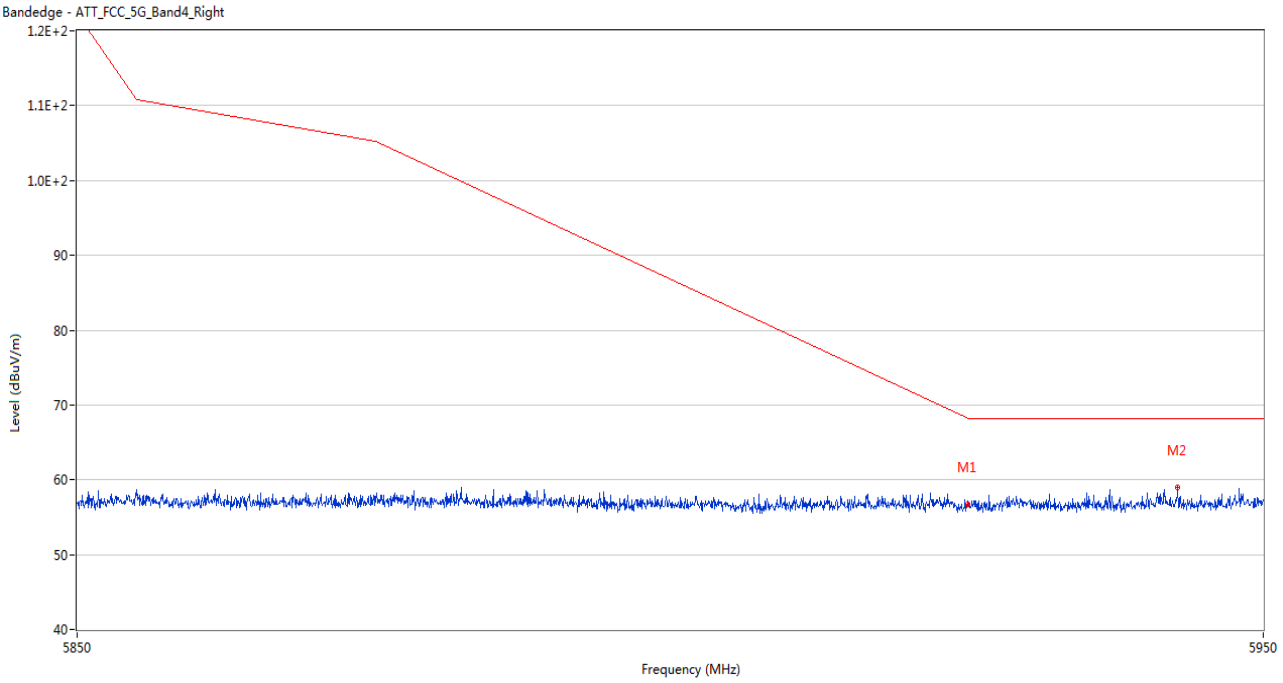
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.70	2.32	68.2	11.50	Peak	185.00	100	Horizontal	Pass
2	5941.850	58.45	2.85	68.2	9.75	Peak	349.00	100	Horizontal	Pass

U-NII-2C & U-NII-3 11ac80 138 Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5419.500	58.39	2.45	74.0	15.61	Peak	306.00	100	Horizontal	Pass
1**	5419.500	47.09	2.45	54.0	6.91	AV	306.00	100	Horizontal	Pass
2	5460.000	55.79	2.50	74.0	18.21	Peak	132.00	150	Horizontal	Pass
2**	5460.000	46.74	2.50	54.0	7.26	AV	132.00	150	Horizontal	Pass
3	5463.900	58.47	2.79	68.2	9.73	Peak	301.00	100	Horizontal	Pass
3**	5463.900	46.97	2.79	--	--	AV	301.00	100	Horizontal	N/A
4	5469.950	56.93	2.87	68.2	11.27	Peak	260.00	150	Horizontal	Pass
4**	5469.950	47.19	2.87	--	--	AV	260.00	150	Horizontal	N/A

U-NII-2C & U-NII-3 11ac80 138 Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.74	2.32	68.2	11.46	Peak	11.00	200	Horizontal	Pass
2	5942.750	58.98	2.66	68.2	9.22	Peak	26.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2411244-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2411244-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2411244-AI.PDF”.

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--END OF REPORT--