TEST REPORT

Applicant:	E&S International Enterprises, Inc.
Address:	7801 Hayvenhurst Avenue, Van Nuys, California 91406, United States
Equipment Type:	8.68” Tablet
Model Name:	RATM30846 (refer to section 2.3)
Brand Name:	RCA
FCC ID:	2AYPE-RATM30846
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	May 31, 2024
Test Date:	Jun. 03, 2024 - Jun. 21, 2024
Date of Issue:	Jul. 04, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Julie Zhu

Checked by: Ye Hongji

Approved by: Liao Jianming (Technical Director)

Revision History

Version	Issue Date	Revisions
Rev. 01	Jul. 04, 2024	Initial Issue

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

2.2 Manufacturer Information

Manufacturer	HENA GROUP COMPANY LIMITED
Address	ROOM 2205, WESTLANDS CENTRE, 20 WESTLAND ROAD, QUARRY BAY, HONG KONG

2.3 General Description for Equipment under Test (EUT)

EUT Name	8.68” Tablet
Model Name Under Test	RATM30846
Series Model Name	86QF68, RATM30846-*****, RATM30846F-*****, RATM30846K-*****(The "*" in model name can be 0 to 9, A to Z, a to z, "-" or blank)
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in shell color and model name. (this information provided by the applicant)
Hardware Version	EM_T8123_V1.0 L20
Software Version	Android 14
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g and 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40) and 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: 24.38 mW U-NII-2A: 24.43 mW U-NII-2C: 25.00 mW U-NII-3: 24.77 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 1.14 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.03 dBi U-NII-2C: 5470 MHz to 5725 MHz: 3.20 dBi U-NII-3: 5725 MHz to 5850 MHz:3.28 dBi
About the Product	The equipment is 8.68” Tablet, 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**	**155**	**5775**
56	5280	110	5550		
60	**5300**	**118**	**5590**		
64	**5320**	126	5630		
100	**5500**	**134**	**5670**		
104	5520	**151**	**5755**		
108	5540	**159**	**5795**		
112	5560				
116	**5580**				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	**5700**				
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	149	Low	5745
116	Mid	5580	157	Mid	5785
140	High	5700	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	151	Low	5755
118	Mid	5590	159	High	5795
134	High	5670			

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	155	Mid	5775
122	High	5610			

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

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

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.	RSS Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	RSS-247, 6.2	--	Pass[Note1]
2	RF Output Power	15.407(a)	RSS-247, 6.2	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	RSS-247, 6.2	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	RSS-247, 6.2	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	RSS-247, 6.2	ANNEX A.4	Pass
6	Conducted Emission	15.207	RSS-GEN, 8.8	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	RSS-247, 6.2	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	43% to 61%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.1℃ to +26.3℃
	LT (Low Temperature)	0.0℃
	HT (High Temperature)	+35.0℃
Working Voltage of the EUT	NV (Normal Voltage)	3.80 V
	LV (Low Voltage)	3.00 V
	HV (High Voltage)	4.35 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2024.05.08	2025.05.07
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2023.09.05	2024.09.04
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-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
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	2024.05.08	2025.05.07
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2022.02.19	2025.02.18

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.

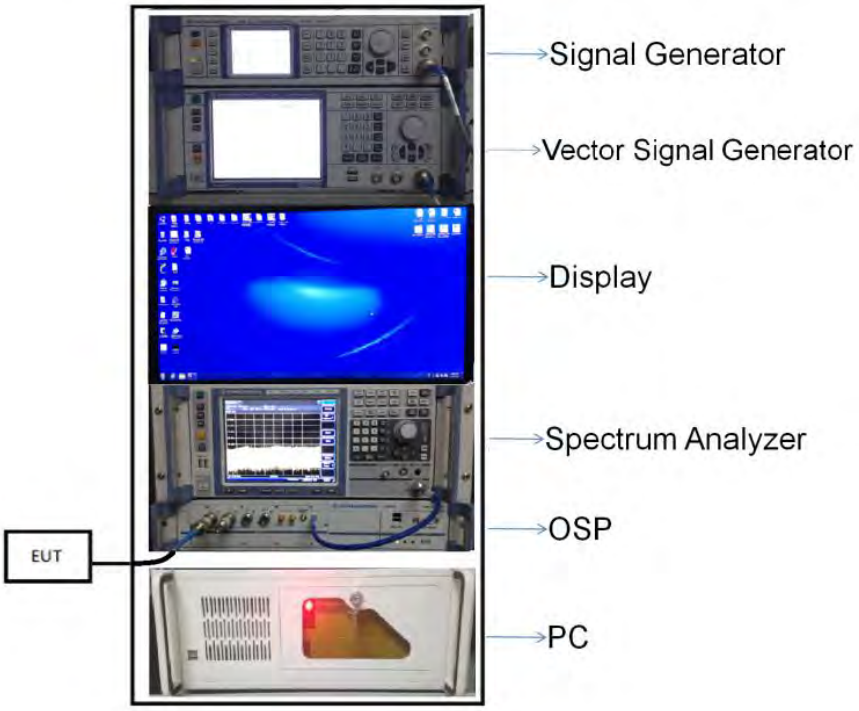
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8℃
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

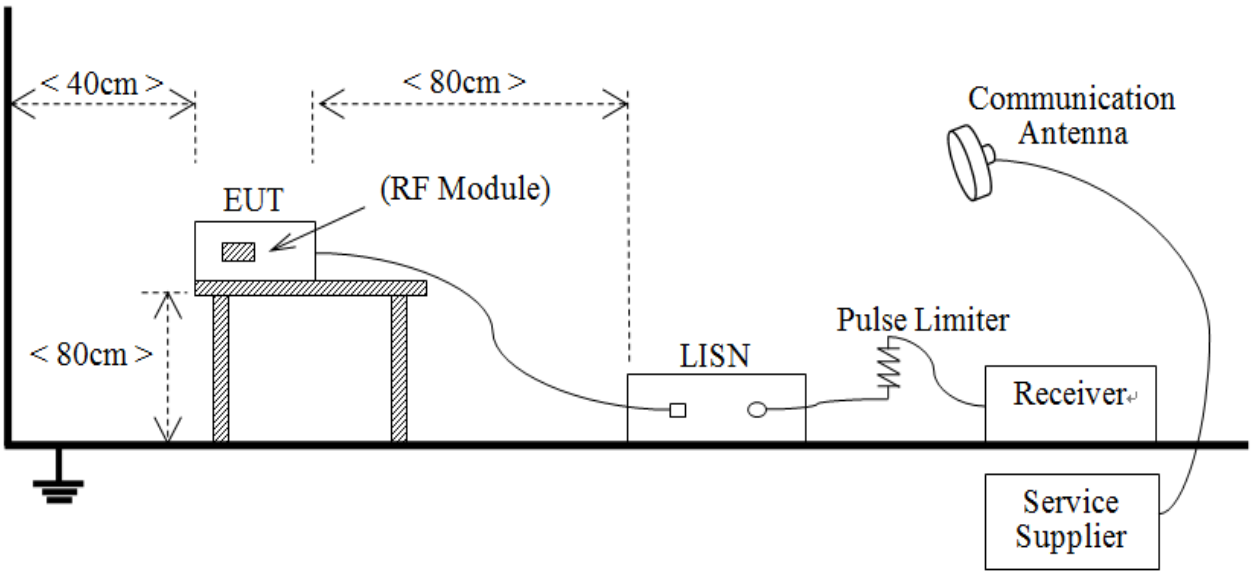
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

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



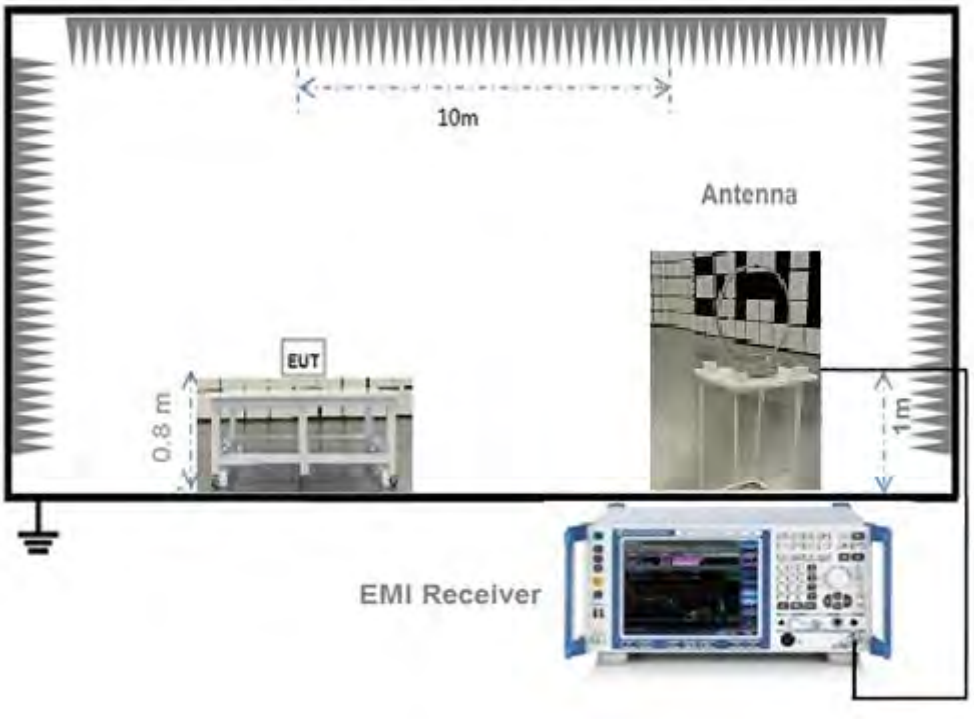
(Diagram 1)

4.5.2 For AC Power Supply Port Test



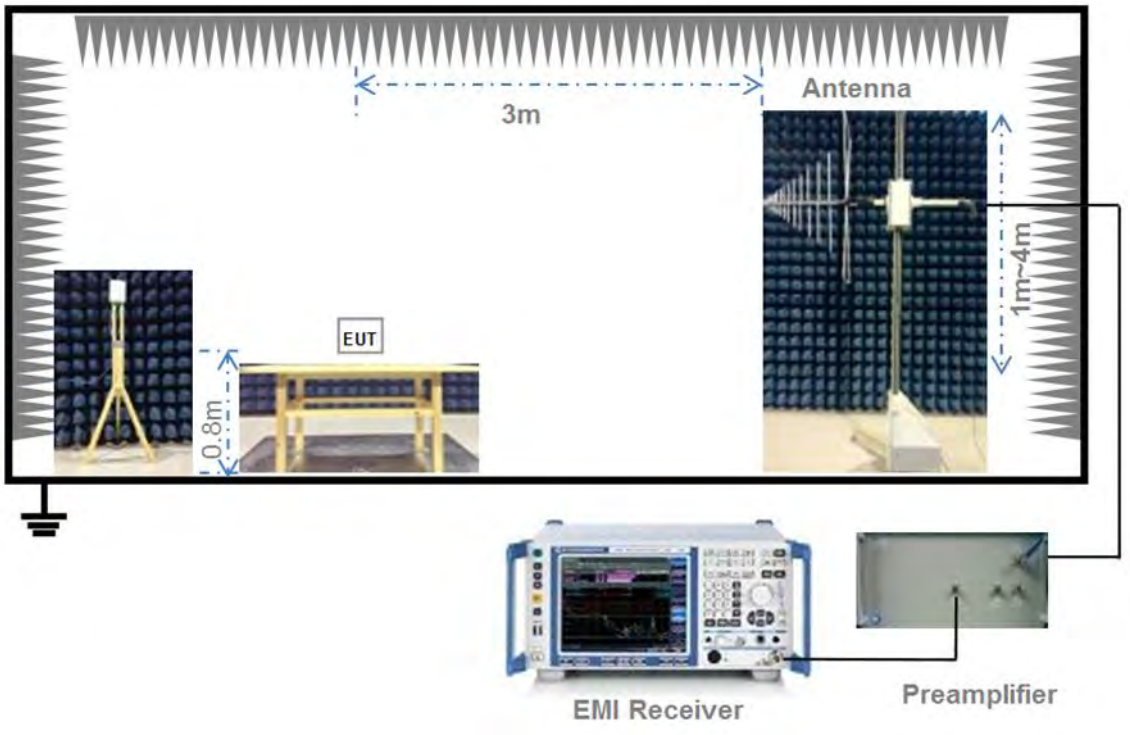
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



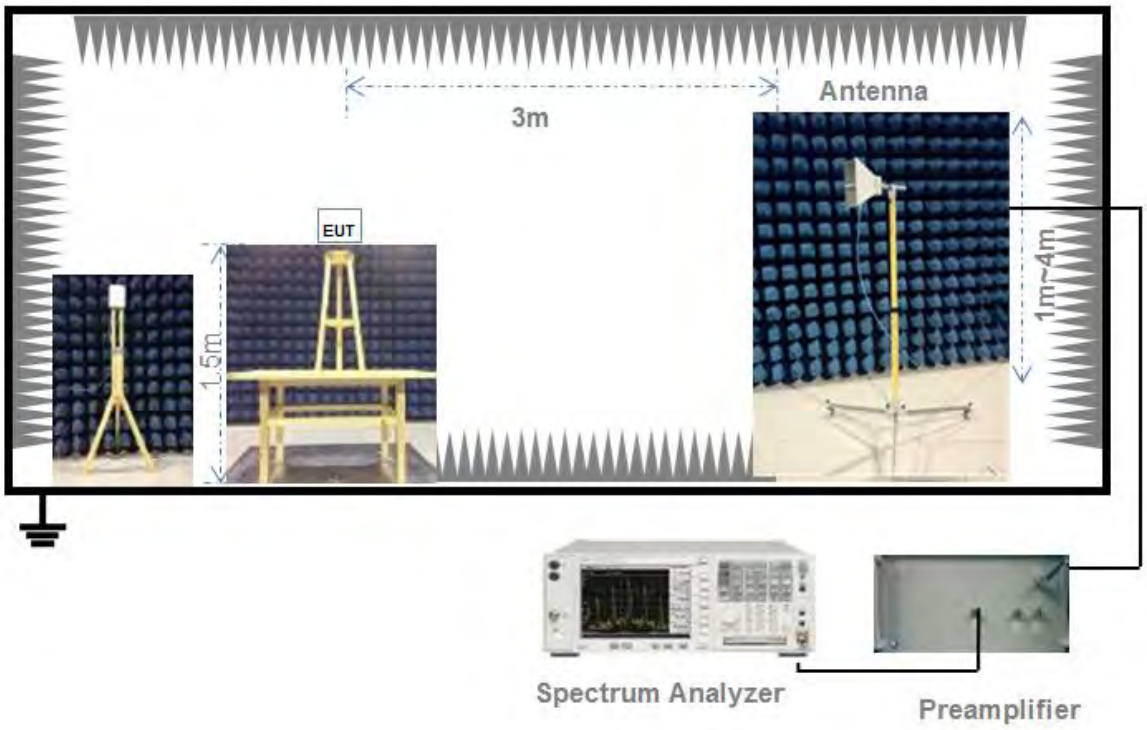
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

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.

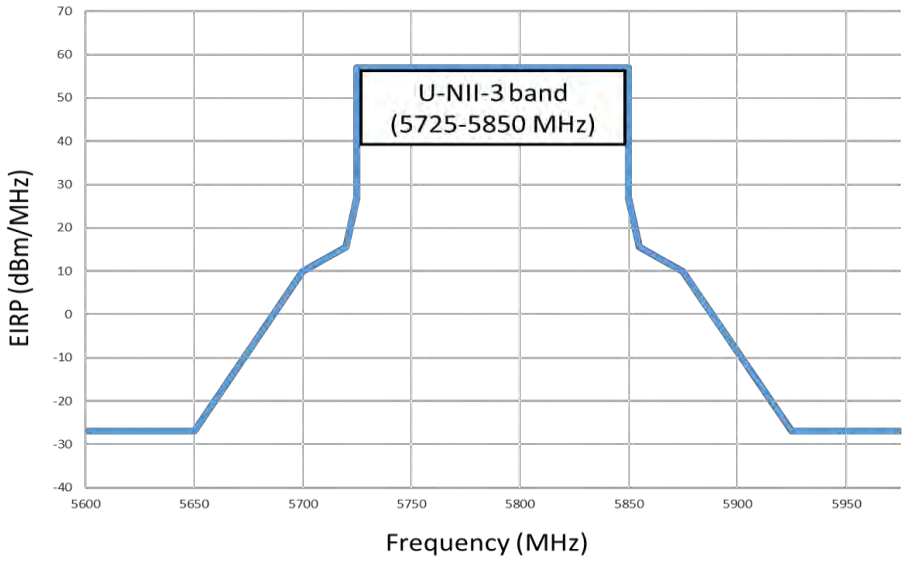
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

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:

$E = EIRP – 20\log D + 104.8$

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.39	1.43	97.55%	0.11
11n (HT20)/11ac (VHT20)	1.30	1.34	96.94%	0.14
11n (HT40)/11ac (VHT40)	0.65	0.68	94.39%	0.25
11ac (VHT80)	0.32	0.36	89.96%	0.46

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.03	20.09	250	Pass
11a	CH44	13.47	22.23	250	Pass
11a	CH48	13.82	24.10	250	Pass
11n (HT20)	CH36	13.87	24.38	250	Pass
11n (HT20)	CH44	13.63	23.07	250	Pass
11n (HT20)	CH48	13.66	23.23	250	Pass
11n (HT40)	CH38	13.79	23.93	250	Pass
11n (HT40)	CH46	13.64	23.12	250	Pass
11ac (VHT20)	CH36	13.79	23.93	250	Pass
11ac (VHT20)	CH44	13.58	22.80	250	Pass
11ac (VHT20)	CH48	13.61	22.96	250	Pass
11ac (VHT40)	CH38	13.78	23.88	250	Pass
11ac (VHT40)	CH46	13.59	22.86	250	Pass
11ac (VHT80)	CH42	13.30	21.38	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	13.87	24.38	250	Pass
11a	CH60	13.53	22.54	250	Pass
11a	CH64	13.44	22.08	250	Pass
11n (HT20)	CH52	13.72	23.55	250	Pass
11n (HT20)	CH60	13.88	24.43	250	Pass
11n (HT20)	CH64	13.83	24.15	250	Pass
11n (HT40)	CH54	13.74	23.66	250	Pass
11n (HT40)	CH62	13.77	23.82	250	Pass
11ac (VHT20)	CH52	13.62	23.01	250	Pass
11ac (VHT20)	CH60	13.74	23.66	250	Pass
11ac (VHT20)	CH64	13.25	21.13	250	Pass
11ac (VHT40)	CH54	13.74	23.66	250	Pass
11ac (VHT40)	CH62	13.53	22.54	250	Pass
11ac (VHT80)	CH58	13.10	20.42	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.96	24.89	250	Pass
11a	CH116	13.79	23.93	250	Pass
11a	CH140	13.56	22.70	250	Pass
11n (HT20)	CH100	13.98	25.00	250	Pass
11n (HT20)	CH116	13.69	23.39	250	Pass
11n (HT20)	CH140	12.64	18.37	250	Pass
11n (HT40)	CH102	11.75	14.96	250	Pass
11n (HT40)	CH118	13.70	23.44	250	Pass
11n (HT40)	CH134	13.81	24.04	250	Pass
11ac (VHT20)	CH100	13.94	24.77	250	Pass
11ac (VHT20)	CH116	13.68	23.33	250	Pass
11ac (VHT20)	CH140	13.19	20.84	250	Pass
11ac (VHT40)	CH102	13.31	21.43	250	Pass
11ac (VHT40)	CH118	13.73	23.60	250	Pass
11ac (VHT40)	CH134	13.83	24.15	250	Pass
11ac (VHT80)	CH106	12.79	19.01	250	Pass
11ac (VHT80)	CH122	13.43	22.03	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.83	24.15	1000	Pass
11a	CH157	13.86	24.32	1000	Pass
11a	CH165	13.53	22.54	1000	Pass
11n (HT20)	CH149	13.69	23.39	1000	Pass
11n (HT20)	CH157	13.71	23.50	1000	Pass
11n (HT20)	CH165	13.94	24.77	1000	Pass
11n (HT40)	CH151	13.69	23.39	1000	Pass
11n (HT40)	CH159	13.80	23.99	1000	Pass
11ac (VHT20)	CH149	13.68	23.33	1000	Pass
11ac (VHT20)	CH157	13.68	23.33	1000	Pass
11ac (VHT20)	CH165	13.92	24.66	1000	Pass
11ac (VHT40)	CH151	13.66	23.23	1000	Pass
11ac (VHT40)	CH159	13.78	23.88	1000	Pass
11ac (VHT80)	CH155	13.89	24.49	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2451186-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.03	16.50
11a	CH44	20.03	16.52
11a	CH48	20.07	16.52
11n (HT20)	CH36	20.37	17.60
11n (HT20)	CH44	20.45	17.62
11n (HT20)	CH48	20.36	17.62
11n (HT40)	CH38	40.66	36.09
11n (HT40)	CH46	40.93	36.08
11ac (VHT20)	CH36	20.32	17.60
11ac (VHT20)	CH44	20.31	17.58
11ac (VHT20)	CH48	20.48	17.61
11ac (VHT40)	CH38	40.61	36.03
11ac (VHT40)	CH46	40.77	36.06
11ac (VHT80)	CH42	81.21	75.38

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.12	16.50
11a	CH60	20.02	16.50
11a	CH64	20.08	16.52
11n (HT20)	CH52	20.35	17.64
11n (HT20)	CH60	20.43	17.62
11n (HT20)	CH64	20.34	17.64
11n (HT40)	CH54	40.67	36.08
11n (HT40)	CH62	40.70	36.11
11ac (VHT20)	CH52	20.41	17.57
11ac (VHT20)	CH60	20.38	17.57
11ac (VHT20)	CH64	20.35	17.58
11ac (VHT40)	CH54	40.68	36.04
11ac (VHT40)	CH62	40.52	36.04
11ac (VHT80)	CH58	81.26	75.35

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.08	16.52
11a	CH116	20.04	16.54
11a	CH140	20.07	16.53
11n (HT20)	CH100	20.35	17.64
11n (HT20)	CH116	20.33	17.63
11n (HT20)	CH140	20.41	17.62
11n (HT40)	CH102	40.66	36.05
11n (HT40)	CH118	40.77	36.18
11n (HT40)	CH134	40.69	36.15
11ac (VHT20)	CH100	20.37	17.60
11ac (VHT20)	CH116	20.31	17.59
11ac (VHT20)	CH140	20.35	17.60
11ac (VHT40)	CH102	40.59	36.06
11ac (VHT40)	CH118	40.53	36.03
11ac (VHT40)	CH134	40.79	36.05
11ac (VHT80)	CH106	80.97	75.40
11ac (VHT80)	CH122	81.44	75.48

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.20	16.53
11a	CH157	20.15	16.54
11a	CH165	20.10	16.53
11n (HT20)	CH149	20.39	17.66
11n (HT20)	CH157	20.49	17.66
11n (HT20)	CH165	20.34	17.65
11n (HT40)	CH151	40.79	36.20
11n (HT40)	CH159	42.54	36.19
11ac (VHT20)	CH149	20.44	17.60
11ac (VHT20)	CH157	20.42	17.61
11ac (VHT20)	CH165	20.39	17.61
11ac (VHT40)	CH151	41.95	36.09
11ac (VHT40)	CH159	41.00	36.12
11ac (VHT80)	CH155	94.16	75.45

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2451186-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.30	500.00	Pass
11a	CH157	15.40	500.00	Pass
11a	CH165	15.20	500.00	Pass
11n (HT20)	CH149	15.40	500.00	Pass
11n (HT20)	CH157	15.40	500.00	Pass
11n (HT20)	CH165	15.40	500.00	Pass
11n (HT40)	CH151	35.30	500.00	Pass
11n (HT40)	CH159	35.20	500.00	Pass
11ac (VHT20)	CH149	15.40	500.00	Pass
11ac (VHT20)	CH157	15.40	500.00	Pass
11ac (VHT20)	CH165	15.20	500.00	Pass
11ac (VHT40)	CH151	35.30	500.00	Pass
11ac (VHT40)	CH159	35.30	500.00	Pass
11ac (VHT80)	CH155	75.30	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ2451186-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.51	11.00	Pass
11a	CH44	3.69	11.00	Pass
11a	CH48	3.73	11.00	Pass
11n (HT20)	CH36	3.33	11.00	Pass
11n (HT20)	CH44	3.30	11.00	Pass
11n (HT20)	CH48	3.49	11.00	Pass
11n (HT40)	CH38	0.44	11.00	Pass
11n (HT40)	CH46	0.45	11.00	Pass
11ac (VHT20)	CH36	3.30	11.00	Pass
11ac (VHT20)	CH44	3.38	11.00	Pass
11ac (VHT20)	CH48	3.44	11.00	Pass
11ac (VHT40)	CH38	0.42	11.00	Pass
11ac (VHT40)	CH46	0.52	11.00	Pass
11ac (VHT80)	CH42	-3.05	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	3.88	11.00	Pass
11a	CH60	3.35	11.00	Pass
11a	CH64	3.52	11.00	Pass
11n (HT20)	CH52	3.54	11.00	Pass
11n (HT20)	CH60	3.79	11.00	Pass
11n (HT20)	CH64	3.75	11.00	Pass
11n (HT40)	CH54	0.21	11.00	Pass
11n (HT40)	CH62	0.30	11.00	Pass
11ac (VHT20)	CH52	3.10	11.00	Pass
11ac (VHT20)	CH60	3.29	11.00	Pass
11ac (VHT20)	CH64	3.15	11.00	Pass
11ac (VHT40)	CH54	0.08	11.00	Pass
11ac (VHT40)	CH62	0.32	11.00	Pass
11ac (VHT80)	CH58	-3.73	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	4.15	11.00	Pass
11a	CH116	3.89	11.00	Pass
11a	CH140	2.68	11.00	Pass
11n (HT20)	CH100	3.76	11.00	Pass
11n (HT20)	CH116	3.52	11.00	Pass
11n (HT20)	CH140	1.97	11.00	Pass
11n (HT40)	CH102	-1.69	11.00	Pass
11n (HT40)	CH118	0.54	11.00	Pass
11n (HT40)	CH134	0.22	11.00	Pass
11ac (VHT20)	CH100	3.77	11.00	Pass
11ac (VHT20)	CH116	3.49	11.00	Pass
11ac (VHT20)	CH140	2.48	11.00	Pass
11ac (VHT40)	CH102	-0.25	11.00	Pass
11ac (VHT40)	CH118	0.65	11.00	Pass
11ac (VHT40)	CH134	0.24	11.00	Pass
11ac (VHT80)	CH106	-4.29	11.00	Pass
11ac (VHT80)	CH122	-3.11	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	0.47	30.00	Pass
11a	CH157	0.41	30.00	Pass
11a	CH165	-0.04	30.00	Pass
11n (HT20)	CH149	0.26	30.00	Pass
11n (HT20)	CH157	0.05	30.00	Pass
11n (HT20)	CH165	0.22	30.00	Pass
11n (HT40)	CH151	-2.81	30.00	Pass
11n (HT40)	CH159	-3.00	30.00	Pass
11ac (VHT20)	CH149	0.29	30.00	Pass
11ac (VHT20)	CH157	-0.02	30.00	Pass
11ac (VHT20)	CH165	0.16	30.00	Pass
11ac (VHT40)	CH151	-2.80	30.00	Pass
11ac (VHT40)	CH159	-2.85	30.00	Pass
11ac (VHT80)	CH155	-5.64	30.00	Pass

A.5 Conducted Emissions

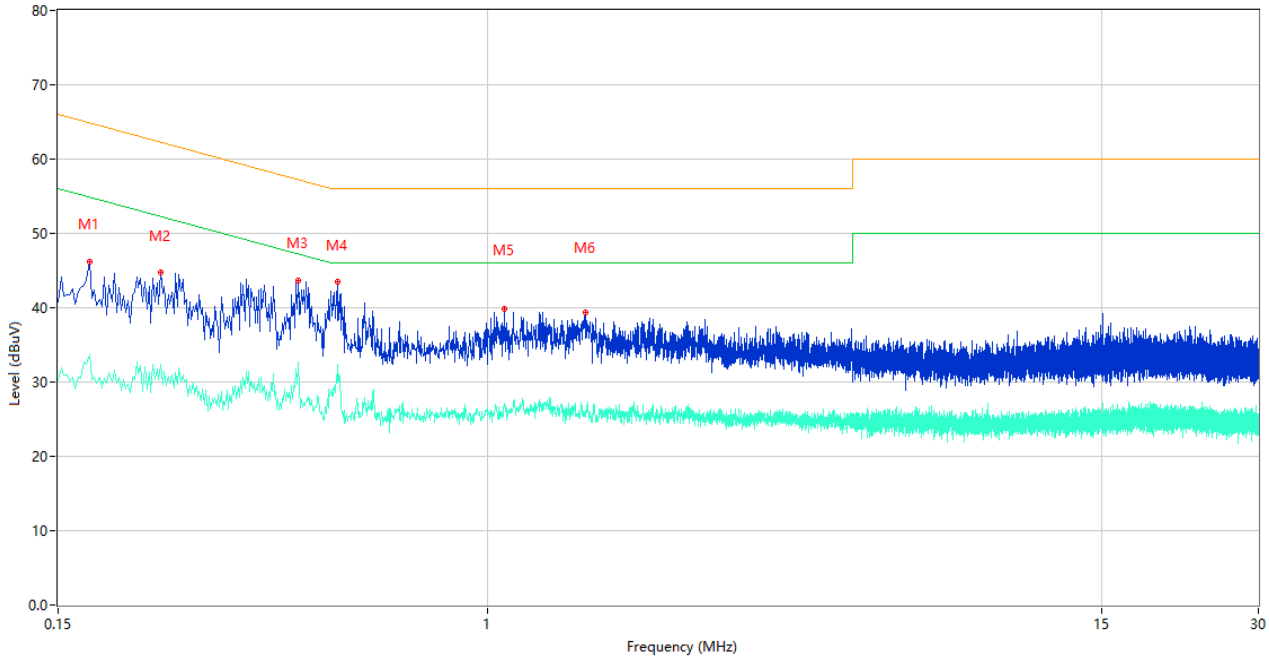
Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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.

Note [3]: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

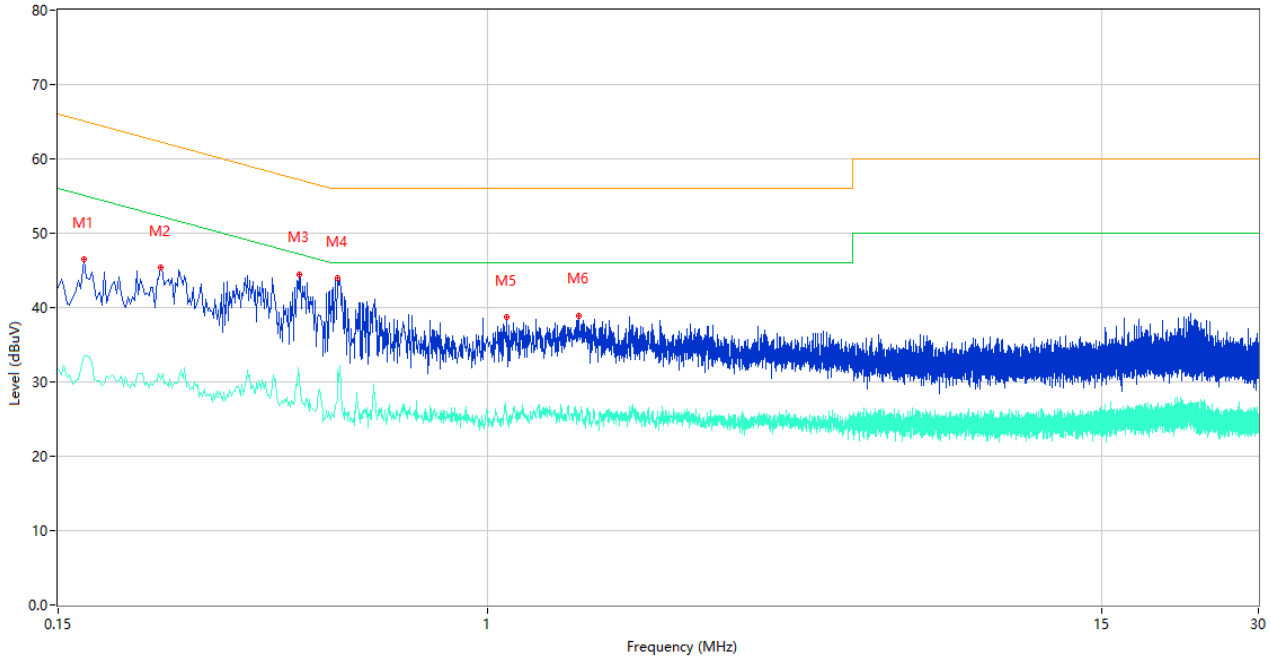
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.172	46.25	9.78	64.86	18.61	Peak	L	Pass
1**	0.172	33.58	9.78	54.86	21.28	AV	L	Pass
2	0.236	44.69	9.77	62.24	17.55	Peak	L	Pass
2**	0.236	32.33	9.77	52.24	19.91	AV	L	Pass
3	0.432	43.72	10.22	57.21	13.49	Peak	L	Pass
3**	0.432	32.66	10.22	47.21	14.55	AV	L	Pass
4	0.516	43.43	10.00	56.00	12.57	Peak	L	Pass
4**	0.516	32.46	10.00	46.00	13.54	AV	L	Pass
5	1.074	39.88	10.08	56.00	16.12	Peak	L	Pass
5**	1.074	27.15	10.08	46.00	18.85	AV	L	Pass
6	1.536	39.35	10.18	56.00	16.65	Peak	L	Pass
6**	1.536	26.27	10.18	46.00	19.73	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.168	46.45	9.78	65.06	18.61	Peak	N	Pass
1**	0.168	33.47	9.78	55.06	21.59	AV	N	Pass
2	0.236	45.35	9.77	62.24	16.89	Peak	N	Pass
2**	0.236	30.31	9.77	52.24	21.93	AV	N	Pass
3	0.434	44.47	10.19	57.18	12.71	Peak	N	Pass
3**	0.434	30.44	10.19	47.18	16.74	AV	N	Pass
4	0.514	43.95	9.99	56.00	12.05	Peak	N	Pass
4**	0.514	27.60	9.99	46.00	18.40	AV	N	Pass
5	1.086	38.66	10.04	56.00	17.34	Peak	N	Pass
5**	1.086	24.86	10.04	46.00	21.14	AV	N	Pass
6	1.492	38.95	10.24	56.00	17.05	Peak	N	Pass
6**	1.492	24.64	10.24	46.00	21.36	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.

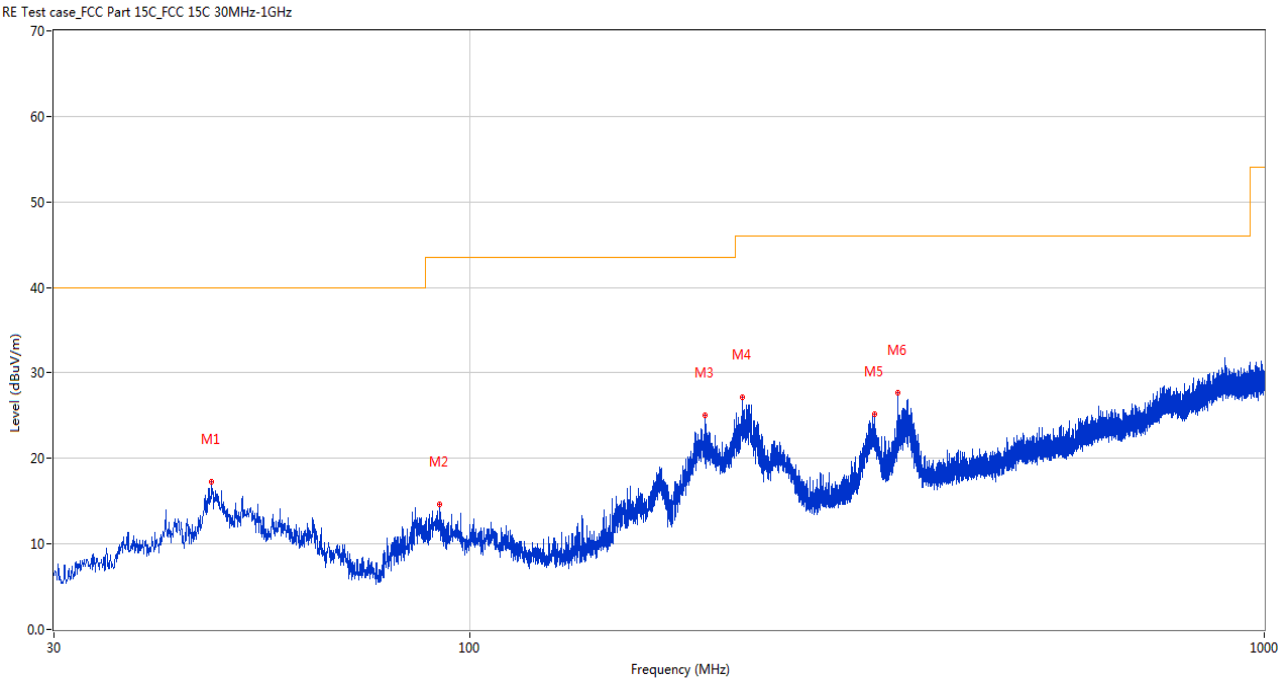
Note [2]: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

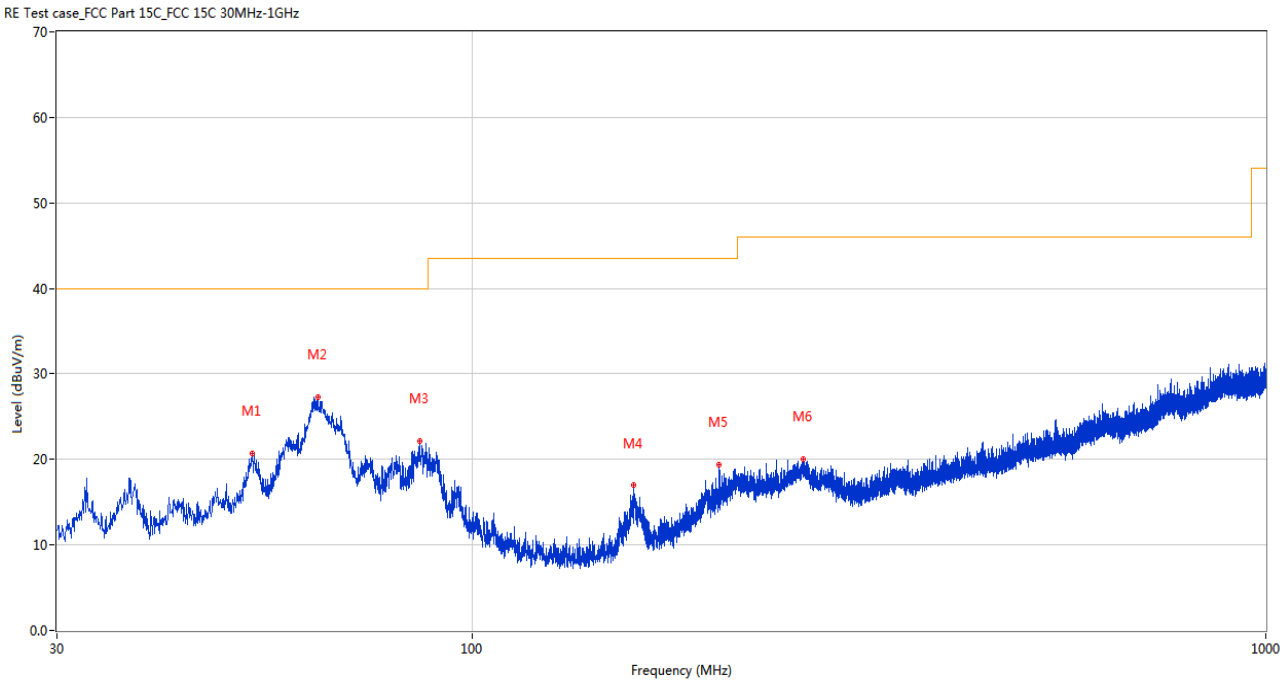
Test Data and Plots

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	47.411	17.26	-23.47	40.0	22.74	Peak	50.00	200	Horizontal	Pass
2	91.789	14.63	-26.42	43.5	28.87	Peak	46.70	200	Horizontal	Pass
3	198.101	25.09	-23.89	43.5	18.41	Peak	91.20	100	Horizontal	Pass
4	220.605	27.13	-23.65	46.0	18.87	Peak	102.60	100	Horizontal	Pass
5	322.940	25.16	-20.48	46.0	20.84	Peak	97.40	100	Horizontal	Pass
6	346.268	27.75	-18.87	46.0	18.25	Peak	105.40	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	47.848	25.99	-23.33	40.0	14.01	Peak	143.70	100	Vertical	Pass
2	52.116	26.50	-23.26	40.0	13.50	Peak	178.00	100	Vertical	Pass
3	63.174	26.83	-24.90	40.0	13.17	Peak	112.90	100	Vertical	Pass
4	223.176	23.38	-23.54	46.0	22.62	Peak	27.90	100	Vertical	Pass
5	348.160	25.22	-18.93	46.0	20.78	Peak	271.60	200	Vertical	Pass
6	871.911	31.12	-8.17	46.0	14.88	Peak	25.10	100	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	1540.300	39.21	-17.01	74.0	34.79	Peak	87.00	100	Horizontal	Pass
1**	1540.300	29.77	-17.01	54.0	24.23	AV	87.00	100	Horizontal	Pass
2	4389.200	49.99	-3.36	74.0	24.01	Peak	247.00	300	Horizontal	Pass
2**	4389.200	41.04	-3.36	54.0	12.96	AV	247.00	300	Horizontal	Pass
3	5180.400	98.40	-2.65	--	--	Peak	40.00	150	Horizontal	N/A
3**	5180.400	89.05	-2.65	--	--	AV	40.00	150	Horizontal	N/A
4	7321.425	49.58	-3.18	74.0	24.42	Peak	305.00	200	Horizontal	Pass
4**	7321.425	40.49	-3.18	54.0	13.51	AV	305.00	200	Horizontal	Pass
5	12690.201	53.24	0.84	74.0	20.76	Peak	144.00	150	Horizontal	Pass
5**	12690.201	43.11	0.84	54.0	10.89	AV	144.00	150	Horizontal	Pass
6	16074.037	56.28	1.50	74.0	17.72	Peak	0.00	300	Horizontal	Pass
6**	16074.037	46.85	1.50	54.0	7.15	AV	0.00	300	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	1540.800	39.76	-16.95	74.0	34.24	Peak	51.00	400	Vertical	Pass
1**	1540.800	30.39	-16.95	54.0	23.61	AV	51.00	400	Vertical	Pass
2	4378.400	49.97	-3.42	74.0	24.03	Peak	94.00	300	Vertical	Pass
2**	4378.400	41.52	-3.42	54.0	12.48	AV	94.00	300	Vertical	Pass
3	5181.400	94.65	-2.65	--	--	Peak	0.00	200	Vertical	N/A
3**	5181.400	87.78	-2.65	--	--	AV	0.00	200	Vertical	N/A
4	7346.438	49.77	-3.56	74.0	24.23	Peak	146.00	400	Vertical	Pass
4**	7346.438	39.95	-3.56	54.0	14.05	AV	146.00	400	Vertical	Pass
5	12275.338	53.09	1.63	74.0	20.91	Peak	18.00	200	Vertical	Pass
5**	12275.338	43.89	1.63	54.0	10.11	AV	18.00	200	Vertical	Pass
6	15662.963	55.66	1.31	74.0	18.34	Peak	345.00	300	Vertical	Pass
6**	15662.963	46.49	1.31	54.0	7.51	AV	345.00	300	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	1509.600	40.40	-17.19	74.0	33.60	Peak	121.00	200	Horizontal	Pass
1**	1509.600	29.56	-17.19	54.0	24.44	AV	121.00	200	Horizontal	Pass
2	4387.600	50.78	-3.37	74.0	23.22	Peak	3.00	200	Horizontal	Pass
2**	4387.600	41.16	-3.37	54.0	12.84	AV	3.00	200	Horizontal	Pass
3	5221.000	100.97	-2.71	--	--	Peak	36.00	150	Horizontal	N/A
3**	5221.000	93.45	-2.71	--	--	AV	36.00	150	Horizontal	N/A
4	7722.200	49.91	-2.66	74.0	24.09	Peak	173.00	400	Horizontal	Pass
4**	7722.200	40.23	-2.66	54.0	13.77	AV	173.00	400	Horizontal	Pass
5	12283.963	52.68	1.78	74.0	21.32	Peak	314.00	100	Horizontal	Pass
5**	12283.963	43.66	1.78	54.0	10.34	AV	314.00	100	Horizontal	Pass
6	15666.113	55.57	1.36	74.0	18.43	Peak	360.00	300	Horizontal	Pass
6**	15666.113	47.35	1.36	54.0	6.65	AV	360.00	300	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	1537.100	39.67	-16.95	74.0	34.33	Peak	166.00	400	Vertical	Pass
1**	1537.100	29.70	-16.95	54.0	24.30	AV	166.00	400	Vertical	Pass
2	4389.800	50.32	-3.33	74.0	23.68	Peak	21.00	200	Vertical	Pass
2**	4389.800	41.72	-3.33	54.0	12.28	AV	21.00	200	Vertical	Pass
3	5221.800	97.59	-2.69	--	--	Peak	0.00	150	Vertical	N/A
3**	5221.800	90.24	-2.69	--	--	AV	0.00	150	Vertical	N/A
4	7723.638	49.49	-2.50	74.0	24.51	Peak	360.00	100	Vertical	Pass
4**	7723.638	40.07	-2.50	54.0	13.93	AV	360.00	100	Vertical	Pass
5	12523.450	52.83	1.41	74.0	21.17	Peak	252.00	200	Vertical	Pass
5**	12523.450	43.63	1.41	54.0	10.37	AV	252.00	200	Vertical	Pass
6	15663.750	56.50	1.32	74.0	17.50	Peak	127.00	300	Vertical	Pass
6**	15663.750	46.41	1.32	54.0	7.59	AV	127.00	300	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	1507.400	39.72	-16.91	74.0	34.28	Peak	360.00	100	Horizontal	Pass
1**	1507.400	29.64	-16.91	54.0	24.36	AV	360.00	100	Horizontal	Pass
2	4381.200	50.07	-3.52	74.0	23.93	Peak	319.00	400	Horizontal	Pass
2**	4381.200	41.19	-3.52	54.0	12.81	AV	319.00	400	Horizontal	Pass
3	5238.800	100.76	-2.61	--	--	Peak	43.00	150	Horizontal	N/A
3**	5238.800	92.63	-2.61	--	--	AV	43.00	150	Horizontal	N/A
4	7345.288	50.12	-3.50	74.0	23.88	Peak	331.00	100	Horizontal	Pass
4**	7345.288	40.74	-3.50	54.0	13.26	AV	331.00	100	Horizontal	Pass
5	12310.412	52.99	1.37	74.0	21.01	Peak	136.00	200	Horizontal	Pass
5**	12310.412	43.49	1.37	54.0	10.51	AV	136.00	200	Horizontal	Pass
6	15626.213	56.18	1.72	74.0	17.82	Peak	57.00	100	Horizontal	Pass
6**	15626.213	46.03	1.72	54.0	7.97	AV	57.00	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	1486.100	39.11	-16.69	74.0	34.89	Peak	61.00	200	Vertical	Pass
1**	1486.100	30.45	-16.69	54.0	23.55	AV	61.00	200	Vertical	Pass
2	4390.200	51.11	-3.31	74.0	22.89	Peak	318.00	300	Vertical	Pass
2**	4390.200	41.36	-3.31	54.0	12.64	AV	318.00	300	Vertical	Pass
3	5237.600	97.85	-2.54	--	--	Peak	0.00	150	Vertical	N/A
3**	5237.600	90.19	-2.54	--	--	AV	0.00	150	Vertical	N/A
4	7326.600	49.13	-3.41	74.0	24.87	Peak	53.00	400	Vertical	Pass
4**	7326.600	40.16	-3.41	54.0	13.84	AV	53.00	400	Vertical	Pass
5	12601.650	52.74	1.91	74.0	21.26	Peak	217.00	100	Vertical	Pass
5**	12601.650	44.27	1.91	54.0	9.73	AV	217.00	100	Vertical	Pass
6	16022.850	55.93	0.61	74.0	18.07	Peak	169.00	100	Vertical	Pass
6**	16022.850	46.29	0.61	54.0	7.71	AV	169.00	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	1546.400	39.62	-17.26	74.0	34.38	Peak	360.00	400	Horizontal	Pass
1**	1546.400	29.94	-17.26	54.0	24.06	AV	360.00	400	Horizontal	Pass
2	4383.600	50.03	-3.64	74.0	23.97	Peak	284.00	200	Horizontal	Pass
2**	4383.600	40.57	-3.64	54.0	13.43	AV	284.00	200	Horizontal	Pass
3	5178.400	98.78	-2.52	--	--	Peak	35.00	100	Horizontal	N/A
3**	5178.400	91.57	-2.52	--	--	AV	35.00	100	Horizontal	N/A
4	7514.050	49.49	-3.39	74.0	24.51	Peak	239.00	400	Horizontal	Pass
4**	7514.050	39.57	-3.39	54.0	14.43	AV	239.00	400	Horizontal	Pass
5	12274.763	53.30	1.61	74.0	20.70	Peak	0.00	150	Horizontal	Pass
5**	12274.763	43.30	1.61	54.0	10.70	AV	0.00	150	Horizontal	Pass
6	15838.838	55.80	1.45	74.0	18.20	Peak	324.00	400	Horizontal	Pass
6**	15838.838	46.34	1.45	54.0	7.66	AV	324.00	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	1587.500	39.94	-17.03	74.0	34.06	Peak	343.00	300	Vertical	Pass
1**	1587.500	30.20	-17.03	54.0	23.80	AV	343.00	300	Vertical	Pass
2	4298.000	49.62	-4.04	74.0	24.38	Peak	294.00	300	Vertical	Pass
2**	4298.000	40.47	-4.04	54.0	13.53	AV	294.00	300	Vertical	Pass
3	5180.000	96.34	-2.62	--	--	Peak	340.00	100	Vertical	N/A
3**	5180.000	87.30	-2.62	--	--	AV	340.00	100	Vertical	N/A
4	7453.962	49.21	-3.47	74.0	24.79	Peak	82.00	400	Vertical	Pass
4**	7453.962	39.97	-3.47	54.0	14.03	AV	82.00	400	Vertical	Pass
5	12610.850	53.30	1.89	74.0	20.70	Peak	30.00	150	Vertical	Pass
5**	12610.850	43.56	1.89	54.0	10.44	AV	30.00	150	Vertical	Pass
6	15650.362	55.52	1.18	74.0	18.48	Peak	261.00	300	Vertical	Pass
6**	15650.362	46.58	1.18	54.0	7.42	AV	261.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.000	40.43	-17.37	74.0	33.57	Peak	93.00	300	Horizontal	Pass
1**	1524.000	29.30	-17.37	54.0	24.70	AV	93.00	300	Horizontal	Pass
2	4377.600	50.23	-3.51	74.0	23.77	Peak	118.00	100	Horizontal	Pass
2**	4377.600	41.69	-3.51	54.0	12.31	AV	118.00	100	Horizontal	Pass
3	5217.400	100.36	-2.72	--	--	Peak	35.00	200	Horizontal	N/A
3**	5217.400	92.55	-2.72	--	--	AV	35.00	200	Horizontal	N/A
4	7337.812	49.96	-2.88	74.0	24.04	Peak	360.00	400	Horizontal	Pass
4**	7337.812	41.32	-2.88	54.0	12.68	AV	360.00	400	Horizontal	Pass
5	12279.650	52.95	1.79	74.0	21.05	Peak	306.00	200	Horizontal	Pass
5**	12279.650	44.23	1.79	54.0	9.77	AV	306.00	200	Horizontal	Pass
6	15797.625	56.55	2.26	74.0	17.45	Peak	0.00	300	Horizontal	Pass
6**	15797.625	47.01	2.26	54.0	6.99	AV	0.00	300	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	1527.500	39.93	-17.11	74.0	34.07	Peak	44.00	200	Vertical	Pass
1**	1527.500	29.14	-17.11	54.0	24.86	AV	44.00	200	Vertical	Pass
2	4377.800	50.54	-3.48	74.0	23.46	Peak	76.00	400	Vertical	Pass
2**	4377.800	41.52	-3.48	54.0	12.48	AV	76.00	400	Vertical	Pass
3	5219.400	97.48	-2.86	--	--	Peak	0.00	150	Vertical	N/A
3**	5219.400	90.28	-2.86	--	--	AV	0.00	150	Vertical	N/A
4	7711.275	49.26	-2.25	74.0	24.74	Peak	276.00	100	Vertical	Pass
4**	7711.275	40.18	-2.25	54.0	13.82	AV	276.00	100	Vertical	Pass
5	12517.987	53.21	1.50	74.0	20.79	Peak	168.00	100	Vertical	Pass
5**	12517.987	43.68	1.50	54.0	10.32	AV	168.00	100	Vertical	Pass
6	15843.299	55.66	1.39	74.0	18.34	Peak	266.00	400	Vertical	Pass
6**	15843.299	46.54	1.39	54.0	7.46	AV	266.00	400	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	1574.600	39.84	-17.14	74.0	34.16	Peak	215.00	100	Horizontal	Pass
1**	1574.600	29.99	-17.14	54.0	24.01	AV	215.00	100	Horizontal	Pass
2	4379.600	50.19	-3.30	74.0	23.81	Peak	17.00	400	Horizontal	Pass
2**	4379.600	41.83	-3.30	54.0	12.17	AV	17.00	400	Horizontal	Pass
3	5236.400	99.81	-2.51	--	--	Peak	38.00	100	Horizontal	N/A
3**	5236.400	92.58	-2.51	--	--	AV	38.00	100	Horizontal	N/A
4	7726.225	49.81	-2.47	74.0	24.19	Peak	342.00	300	Horizontal	Pass
4**	7726.225	40.23	-2.47	54.0	13.77	AV	342.00	300	Horizontal	Pass
5	12511.088	53.44	1.59	74.0	20.56	Peak	167.00	200	Horizontal	Pass
5**	12511.088	42.94	1.59	54.0	11.06	AV	167.00	200	Horizontal	Pass
6	16048.838	55.88	0.73	74.0	18.12	Peak	323.00	400	Horizontal	Pass
6**	16048.838	46.41	0.73	54.0	7.59	AV	323.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.700	39.03	-16.83	74.0	34.97	Peak	64.00	400	Vertical	Pass
1**	1505.700	30.53	-16.83	54.0	23.47	AV	64.00	400	Vertical	Pass
2	4387.000	50.16	-3.33	74.0	23.84	Peak	213.00	300	Vertical	Pass
2**	4387.000	42.23	-3.33	54.0	11.77	AV	213.00	300	Vertical	Pass
3	5236.800	97.62	-2.52	--	--	Peak	0.00	200	Vertical	N/A
3**	5236.800	89.97	-2.52	--	--	AV	0.00	200	Vertical	N/A
4	7507.438	50.31	-3.09	74.0	23.69	Peak	33.00	300	Vertical	Pass
4**	7507.438	40.11	-3.09	54.0	13.89	AV	33.00	300	Vertical	Pass
5	12271.600	53.16	1.50	74.0	20.84	Peak	287.00	200	Vertical	Pass
5**	12271.600	43.18	1.50	54.0	10.82	AV	287.00	200	Vertical	Pass
6	15818.362	55.77	1.94	74.0	18.23	Peak	342.00	100	Vertical	Pass
6**	15818.362	46.16	1.94	54.0	7.84	AV	342.00	100	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	1517.700	40.19	-17.16	74.0	33.81	Peak	211.00	300	Horizontal	Pass
1**	1517.700	29.69	-17.16	54.0	24.31	AV	211.00	300	Horizontal	Pass
2	4385.800	50.35	-3.33	74.0	23.65	Peak	317.00	300	Horizontal	Pass
2**	4385.800	41.63	-3.33	54.0	12.37	AV	317.00	300	Horizontal	Pass
3	5187.600	96.10	-2.36	--	--	Peak	38.00	200	Horizontal	N/A
3**	5187.600	88.68	-2.36	--	--	AV	38.00	200	Horizontal	N/A
4	7676.487	50.06	-2.52	74.0	23.94	Peak	49.00	400	Horizontal	Pass
4**	7676.487	39.98	-2.52	54.0	14.02	AV	49.00	400	Horizontal	Pass
5	12232.212	53.25	1.24	74.0	20.75	Peak	360.00	100	Horizontal	Pass
5**	12232.212	43.46	1.24	54.0	10.54	AV	360.00	100	Horizontal	Pass
6	15818.362	55.79	1.94	74.0	18.21	Peak	132.00	400	Horizontal	Pass
6**	15818.362	46.76	1.94	54.0	7.24	AV	132.00	400	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	1536.500	39.83	-16.91	74.0	34.17	Peak	161.00	400	Vertical	Pass
1**	1536.500	29.69	-16.91	54.0	24.31	AV	161.00	400	Vertical	Pass
2	4378.600	50.01	-3.40	74.0	23.99	Peak	120.00	200	Vertical	Pass
2**	4378.600	40.99	-3.40	54.0	13.01	AV	120.00	200	Vertical	Pass
3	5188.200	93.45	-2.34	--	--	Peak	0.00	150	Vertical	N/A
3**	5188.200	85.92	-2.34	--	--	AV	0.00	150	Vertical	N/A
4	7392.437	49.44	-3.83	74.0	24.56	Peak	127.00	200	Vertical	Pass
4**	7392.437	39.63	-3.83	54.0	14.37	AV	127.00	200	Vertical	Pass
5	12077.825	53.65	0.62	74.0	20.35	Peak	14.00	150	Vertical	Pass
5**	12077.825	42.96	0.62	54.0	11.04	AV	14.00	150	Vertical	Pass
6	15677.138	55.89	1.56	74.0	18.11	Peak	221.00	400	Vertical	Pass
6**	15677.138	45.93	1.56	54.0	8.07	AV	221.00	400	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	1501.100	40.06	-16.91	74.0	33.94	Peak	334.00	300	Horizontal	Pass
1**	1501.100	30.34	-16.91	54.0	23.66	AV	334.00	300	Horizontal	Pass
2	4396.800	49.79	-4.02	74.0	24.21	Peak	293.00	200	Horizontal	Pass
2**	4396.800	40.79	-4.02	54.0	13.21	AV	293.00	200	Horizontal	Pass
3	5226.000	97.62	-2.61	--	--	Peak	35.00	150	Horizontal	N/A
3**	5226.000	89.88	-2.61	--	--	AV	35.00	150	Horizontal	N/A
4	7627.612	49.82	-2.79	74.0	24.18	Peak	138.00	400	Horizontal	Pass
4**	7627.612	40.31	-2.79	54.0	13.69	AV	138.00	400	Horizontal	Pass
5	12602.225	53.44	1.91	74.0	20.56	Peak	84.00	150	Horizontal	Pass
5**	12602.225	43.21	1.91	54.0	10.79	AV	84.00	150	Horizontal	Pass
6	15658.237	56.21	1.24	74.0	17.79	Peak	317.00	400	Horizontal	Pass
6**	15658.237	46.14	1.24	54.0	7.86	AV	317.00	400	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	1505.100	39.44	-16.84	74.0	34.56	Peak	58.00	400	Vertical	Pass
1**	1505.100	29.97	-16.84	54.0	24.03	AV	58.00	400	Vertical	Pass
2	4208.400	50.44	-4.54	74.0	23.56	Peak	327.00	300	Vertical	Pass
2**	4208.400	41.07	-4.54	54.0	12.93	AV	327.00	300	Vertical	Pass
3	5232.200	94.89	-2.62	--	--	Peak	0.00	100	Vertical	N/A
3**	5232.200	87.59	-2.62	--	--	AV	0.00	100	Vertical	N/A
4	7339.250	50.37	-2.93	74.0	23.63	Peak	274.00	100	Vertical	Pass
4**	7339.250	40.85	-2.93	54.0	13.15	AV	274.00	100	Vertical	Pass
5	11870.537	52.72	1.19	74.0	21.28	Peak	62.00	150	Vertical	Pass
5**	11870.537	42.90	1.19	54.0	11.10	AV	62.00	150	Vertical	Pass
6	16178.513	56.39	1.45	74.0	17.61	Peak	130.00	300	Vertical	Pass
6**	16178.513	45.87	1.45	54.0	8.13	AV	130.00	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	1520.800	39.97	-17.29	74.0	34.03	Peak	0.00	300	Horizontal	Pass
1**	1520.800	29.15	-17.29	54.0	24.85	AV	0.00	300	Horizontal	Pass
2	4378.600	50.07	-3.40	74.0	23.93	Peak	13.00	100	Horizontal	Pass
2**	4378.600	41.43	-3.40	54.0	12.57	AV	13.00	100	Horizontal	Pass
3	5178.800	98.47	-2.53	--	--	Peak	46.00	200	Horizontal	N/A
3**	5178.800	90.60	-2.53	--	--	AV	46.00	200	Horizontal	N/A
4	7312.513	50.21	-3.57	74.0	23.79	Peak	324.00	200	Horizontal	Pass
4**	7312.513	40.44	-3.57	54.0	13.56	AV	324.00	200	Horizontal	Pass
5	12068.338	53.29	0.82	74.0	20.71	Peak	30.00	150	Horizontal	Pass
5**	12068.338	43.95	0.82	54.0	10.05	AV	30.00	150	Horizontal	Pass
6	15861.937	55.73	0.88	74.0	18.27	Peak	174.00	300	Horizontal	Pass
6**	15861.937	46.54	0.88	54.0	7.46	AV	174.00	300	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	1534.000	39.77	-17.17	74.0	34.23	Peak	147.00	400	Vertical	Pass
1**	1534.000	29.46	-17.17	54.0	24.54	AV	147.00	400	Vertical	Pass
2	4344.200	50.21	-3.84	74.0	23.79	Peak	261.00	200	Vertical	Pass
2**	4344.200	40.64	-3.84	54.0	13.36	AV	261.00	200	Vertical	Pass
3	5181.200	95.45	-2.66	--	--	Peak	0.00	150	Vertical	N/A
3**	5181.200	88.55	-2.66	--	--	AV	0.00	150	Vertical	N/A
4	7458.850	49.92	-3.67	74.0	24.08	Peak	136.00	400	Vertical	Pass
4**	7458.850	41.14	-3.67	54.0	12.86	AV	136.00	400	Vertical	Pass
5	11487.300	52.76	0.07	74.0	21.24	Peak	188.00	200	Vertical	Pass
5**	11487.300	43.05	0.07	54.0	10.95	AV	188.00	200	Vertical	Pass
6	15848.813	55.73	1.34	74.0	18.27	Peak	244.00	100	Vertical	Pass
6**	15848.813	46.00	1.34	54.0	8.00	AV	244.00	100	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	1523.200	39.80	-17.35	74.0	34.20	Peak	88.00	100	Horizontal	Pass
1**	1523.200	29.75	-17.35	54.0	24.25	AV	88.00	100	Horizontal	Pass
2	4390.200	50.36	-3.31	74.0	23.64	Peak	162.00	300	Horizontal	Pass
2**	4390.200	41.34	-3.31	54.0	12.66	AV	162.00	300	Horizontal	Pass
3	5220.800	100.26	-2.72	--	--	Peak	36.00	150	Horizontal	N/A
3**	5220.800	92.40	-2.72	--	--	AV	36.00	150	Horizontal	N/A
4	7509.737	49.44	-3.15	74.0	24.56	Peak	250.00	400	Horizontal	Pass
4**	7509.737	40.36	-3.15	54.0	13.64	AV	250.00	400	Horizontal	Pass
5	11920.562	53.18	1.50	74.0	20.82	Peak	353.00	150	Horizontal	Pass
5**	11920.562	43.19	1.50	54.0	10.81	AV	353.00	150	Horizontal	Pass
6	15511.763	56.08	1.43	74.0	17.92	Peak	325.00	300	Horizontal	Pass
6**	15511.763	46.57	1.43	54.0	7.43	AV	325.00	300	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	1519.000	39.29	-17.24	74.0	34.71	Peak	48.00	200	Vertical	Pass
1**	1519.000	30.52	-17.24	54.0	23.48	AV	48.00	200	Vertical	Pass
2	4374.400	49.95	-4.00	74.0	24.05	Peak	330.00	200	Vertical	Pass
2**	4374.400	40.61	-4.00	54.0	13.39	AV	330.00	200	Vertical	Pass
3	5221.800	97.18	-2.69	--	--	Peak	0.00	100	Vertical	N/A
3**	5221.800	90.44	-2.69	--	--	AV	0.00	100	Vertical	N/A
4	7338.675	49.55	-2.91	74.0	24.45	Peak	244.00	400	Vertical	Pass
4**	7338.675	40.47	-2.91	54.0	13.53	AV	244.00	400	Vertical	Pass
5	12686.175	52.66	0.85	74.0	21.34	Peak	332.00	200	Vertical	Pass
5**	12686.175	43.17	0.85	54.0	10.83	AV	332.00	200	Vertical	Pass
6	15841.200	56.11	1.43	74.0	17.89	Peak	207.00	400	Vertical	Pass
6**	15841.200	46.55	1.43	54.0	7.45	AV	207.00	400	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	1543.900	39.82	-17.28	74.0	34.18	Peak	0.00	400	Horizontal	Pass
1**	1543.900	29.70	-17.28	54.0	24.30	AV	0.00	400	Horizontal	Pass
2	4391.400	50.55	-3.43	74.0	23.45	Peak	330.00	400	Horizontal	Pass
2**	4391.400	40.88	-3.43	54.0	13.12	AV	330.00	400	Horizontal	Pass
3	5241.800	99.81	-2.51	--	--	Peak	43.00	150	Horizontal	N/A
3**	5241.800	91.92	-2.51	--	--	AV	43.00	150	Horizontal	N/A
4	7448.500	49.66	-3.26	74.0	24.34	Peak	320.00	100	Horizontal	Pass
4**	7448.500	40.42	-3.26	54.0	13.58	AV	320.00	100	Horizontal	Pass
5	12697.099	53.14	0.83	74.0	20.86	Peak	35.00	100	Horizontal	Pass
5**	12697.099	43.88	0.83	54.0	10.12	AV	35.00	100	Horizontal	Pass
6	15722.550	55.96	0.51	74.0	18.04	Peak	251.00	400	Horizontal	Pass
6**	15722.550	45.65	0.51	54.0	8.35	AV	251.00	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	1584.000	38.95	-17.03	74.0	35.05	Peak	3.00	200	Vertical	Pass
1**	1584.000	29.25	-17.03	54.0	24.75	AV	3.00	200	Vertical	Pass
2	4388.400	50.66	-3.40	74.0	23.34	Peak	81.00	300	Vertical	Pass
2**	4388.400	41.04	-3.40	54.0	12.96	AV	81.00	300	Vertical	Pass
3	5238.000	97.01	-2.55	--	--	Peak	0.00	100	Vertical	N/A
3**	5238.000	89.67	-2.55	--	--	AV	0.00	100	Vertical	N/A
4	7514.337	49.44	-3.39	74.0	24.56	Peak	343.00	200	Vertical	Pass
4**	7514.337	39.81	-3.39	54.0	14.19	AV	343.00	200	Vertical	Pass
5	12328.526	53.20	1.42	74.0	20.80	Peak	200.00	100	Vertical	Pass
5**	12328.526	43.55	1.42	54.0	10.45	AV	200.00	100	Vertical	Pass
6	15839.625	56.20	1.45	74.0	17.80	Peak	0.00	200	Vertical	Pass
6**	15839.625	46.17	1.45	54.0	7.83	AV	0.00	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	1588.900	39.70	-17.14	74.0	34.30	Peak	107.00	100	Horizontal	Pass
1**	1588.900	29.86	-17.14	54.0	24.14	AV	107.00	100	Horizontal	Pass
2	4373.000	50.00	-3.89	74.0	24.00	Peak	7.00	100	Horizontal	Pass
2**	4373.000	40.85	-3.89	54.0	13.15	AV	7.00	100	Horizontal	Pass
3	5191.800	96.00	-2.27	--	--	Peak	41.00	200	Horizontal	N/A
3**	5191.800	89.40	-2.27	--	--	AV	41.00	200	Horizontal	N/A
4	7452.237	49.98	-3.16	74.0	24.02	Peak	237.00	400	Horizontal	Pass
4**	7452.237	40.52	-3.16	54.0	13.48	AV	237.00	400	Horizontal	Pass
5	12612.287	53.27	1.88	74.0	20.73	Peak	331.00	200	Horizontal	Pass
5**	12612.287	43.41	1.88	54.0	10.59	AV	331.00	200	Horizontal	Pass
6	15800.776	55.44	2.32	74.0	18.56	Peak	168.00	300	Horizontal	Pass
6**	15800.776	46.84	2.32	54.0	7.16	AV	168.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.200	39.59	-17.18	74.0	34.41	Peak	161.00	400	Vertical	Pass
1**	1533.200	29.16	-17.18	54.0	24.84	AV	161.00	400	Vertical	Pass
2	4387.600	50.35	-3.37	74.0	23.65	Peak	215.00	200	Vertical	Pass
2**	4387.600	40.97	-3.37	54.0	13.03	AV	215.00	200	Vertical	Pass
3	5191.800	93.92	-2.27	--	--	Peak	352.00	200	Vertical	N/A
3**	5191.800	85.94	-2.27	--	--	AV	352.00	200	Vertical	N/A
4	7500.825	49.60	-3.26	74.0	24.40	Peak	300.00	300	Vertical	Pass
4**	7500.825	40.00	-3.26	54.0	14.00	AV	300.00	300	Vertical	Pass
5	12103.125	53.03	0.59	74.0	20.97	Peak	246.00	150	Vertical	Pass
5**	12103.125	42.34	0.59	54.0	11.66	AV	246.00	150	Vertical	Pass
6	15849.600	55.74	1.33	74.0	18.26	Peak	79.00	400	Vertical	Pass
6**	15849.600	47.52	1.33	54.0	6.48	AV	79.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.400	40.30	-17.00	74.0	33.70	Peak	203.00	200	Horizontal	Pass
1**	1540.400	29.25	-17.00	54.0	24.75	AV	203.00	200	Horizontal	Pass
2	4379.800	50.81	-3.28	74.0	23.19	Peak	292.00	300	Horizontal	Pass
2**	4379.800	41.76	-3.28	54.0	12.24	AV	292.00	300	Horizontal	Pass
3	5228.400	97.35	-2.71	--	--	Peak	48.00	200	Horizontal	N/A
3**	5228.400	89.80	-2.71	--	--	AV	48.00	200	Horizontal	N/A
4	7617.550	50.05	-2.69	74.0	23.95	Peak	297.00	100	Horizontal	Pass
4**	7617.550	39.74	-2.69	54.0	14.26	AV	297.00	100	Horizontal	Pass
5	11223.375	52.87	-0.22	74.0	21.13	Peak	75.00	150	Horizontal	Pass
5**	11223.375	42.89	-0.22	54.0	11.11	AV	75.00	150	Horizontal	Pass
6	15838.576	56.11	1.45	74.0	17.89	Peak	103.00	100	Horizontal	Pass
6**	15838.576	46.99	1.45	54.0	7.01	AV	103.00	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	1529.100	40.43	-17.10	74.0	33.57	Peak	46.00	200	Vertical	Pass
1**	1529.100	29.24	-17.10	54.0	24.76	AV	46.00	200	Vertical	Pass
2	4384.600	50.79	-3.54	74.0	23.21	Peak	330.00	100	Vertical	Pass
2**	4384.600	40.85	-3.54	54.0	13.15	AV	330.00	100	Vertical	Pass
3	5232.000	95.01	-2.60	--	--	Peak	0.00	150	Vertical	N/A
3**	5232.000	87.56	-2.60	--	--	AV	0.00	150	Vertical	N/A
4	7674.187	49.30	-2.37	74.0	24.70	Peak	116.00	300	Vertical	Pass
4**	7674.187	40.73	-2.37	54.0	13.27	AV	116.00	300	Vertical	Pass
5	12369.350	53.05	1.25	74.0	20.95	Peak	150.00	200	Vertical	Pass
5**	12369.350	43.08	1.25	54.0	10.92	AV	150.00	200	Vertical	Pass
6	15845.662	56.01	1.36	74.0	17.99	Peak	0.00	200	Vertical	Pass
6**	15845.662	46.73	1.36	54.0	7.27	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.500	39.64	-17.04	74.0	34.36	Peak	65.00	400	Horizontal	Pass
1**	1535.500	29.74	-17.04	54.0	24.26	AV	65.00	400	Horizontal	Pass
2	4379.800	49.56	-3.28	74.0	24.44	Peak	187.00	200	Horizontal	Pass
2**	4379.800	40.98	-3.28	54.0	13.02	AV	187.00	200	Horizontal	Pass
3	5207.400	94.22	-2.32	--	--	Peak	48.00	100	Horizontal	N/A
3**	5207.400	86.94	-2.32	--	--	AV	48.00	100	Horizontal	N/A
4	7338.962	49.65	-2.92	74.0	24.35	Peak	360.00	300	Horizontal	Pass
4**	7338.962	40.84	-2.92	54.0	13.16	AV	360.00	300	Horizontal	Pass
5	12536.674	52.74	1.27	74.0	21.26	Peak	186.00	200	Horizontal	Pass
5**	12536.674	42.49	1.27	54.0	11.51	AV	186.00	200	Horizontal	Pass
6	15491.550	55.89	0.97	74.0	18.11	Peak	360.00	200	Horizontal	Pass
6**	15491.550	46.07	0.97	54.0	7.93	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1558.900	39.51	-16.97	74.0	34.49	Peak	3.00	100	Vertical	Pass
1**	1558.900	29.78	-16.97	54.0	24.22	AV	3.00	100	Vertical	Pass
2	4385.000	51.43	-3.47	74.0	22.57	Peak	311.00	400	Vertical	Pass
2**	4385.000	41.25	-3.47	54.0	12.75	AV	311.00	400	Vertical	Pass
3	5216.000	91.80	-2.61	--	--	Peak	0.00	200	Vertical	N/A
3**	5216.000	84.05	-2.61	--	--	AV	0.00	200	Vertical	N/A
4	7685.400	49.34	-2.19	74.0	24.66	Peak	34.00	300	Vertical	Pass
4**	7685.400	40.10	-2.19	54.0	13.90	AV	34.00	300	Vertical	Pass
5	12324.213	52.86	1.42	74.0	21.14	Peak	360.00	200	Vertical	Pass
5**	12324.213	43.51	1.42	54.0	10.49	AV	360.00	200	Vertical	Pass
6	15803.138	56.17	2.29	74.0	17.83	Peak	281.00	300	Vertical	Pass
6**	15803.138	46.59	2.29	54.0	7.41	AV	281.00	300	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	1438.400	39.87	-17.34	74.0	34.13	Peak	308.00	300	Horizontal	Pass
1**	1438.400	29.11	-17.34	54.0	24.89	AV	308.00	300	Horizontal	Pass
2	4383.400	50.11	-3.64	74.0	23.89	Peak	137.00	400	Horizontal	Pass
2**	4383.400	41.29	-3.64	54.0	12.71	AV	137.00	400	Horizontal	Pass
3	5258.200	102.11	-1.77	--	--	Peak	40.00	100	Horizontal	N/A
3**	5258.200	95.37	-1.77	--	--	AV	40.00	100	Horizontal	N/A
4	7333.500	49.78	-3.12	74.0	24.22	Peak	228.00	300	Horizontal	Pass
4**	7333.500	40.59	-3.12	54.0	13.41	AV	228.00	300	Horizontal	Pass
5	12275.338	53.90	1.63	74.0	20.10	Peak	162.00	150	Horizontal	Pass
5**	12275.338	44.60	1.63	54.0	9.40	AV	162.00	150	Horizontal	Pass
6	15781.349	56.45	1.61	74.0	17.55	Peak	269.00	200	Horizontal	Pass
6**	15781.349	47.92	1.61	54.0	6.08	AV	269.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.400	38.98	-17.19	74.0	35.02	Peak	161.00	200	Vertical	Pass
1**	1440.400	29.38	-17.19	54.0	24.62	AV	161.00	200	Vertical	Pass
2	4391.400	49.65	-3.43	74.0	24.35	Peak	33.00	100	Vertical	Pass
2**	4391.400	41.55	-3.43	54.0	12.45	AV	33.00	100	Vertical	Pass
3	5259.000	98.58	-1.76	--	--	Peak	1.00	100	Vertical	N/A
3**	5259.000	90.86	-1.76	--	--	AV	1.00	100	Vertical	N/A
4	7338.387	49.44	-2.90	74.0	24.56	Peak	206.00	200	Vertical	Pass
4**	7338.387	40.41	-2.90	54.0	13.59	AV	206.00	200	Vertical	Pass
5	12658.575	52.89	1.00	74.0	21.11	Peak	187.00	200	Vertical	Pass
5**	12658.575	42.35	1.00	54.0	11.65	AV	187.00	200	Vertical	Pass
6	15785.287	56.28	1.81	74.0	17.72	Peak	203.00	300	Vertical	Pass
6**	15785.287	47.12	1.81	54.0	6.88	AV	203.00	300	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	1558.000	38.68	-16.99	74.0	35.32	Peak	311.00	100	Horizontal	Pass
1**	1558.000	29.41	-16.99	54.0	24.59	AV	311.00	100	Horizontal	Pass
2	4003.400	50.24	-4.07	74.0	23.76	Peak	275.00	400	Horizontal	Pass
2**	4003.400	41.34	-4.07	54.0	12.66	AV	275.00	400	Horizontal	Pass
3	5302.400	102.13	-2.72	--	--	Peak	51.00	200	Horizontal	N/A
3**	5302.400	93.94	-2.72	--	--	AV	51.00	200	Horizontal	N/A
4	7628.188	49.44	-2.87	74.0	24.56	Peak	0.00	300	Horizontal	Pass
4**	7628.188	40.02	-2.87	54.0	13.98	AV	0.00	300	Horizontal	Pass
5	12336.000	53.05	1.33	74.0	20.95	Peak	224.00	100	Horizontal	Pass
5**	12336.000	43.64	1.33	54.0	10.36	AV	224.00	100	Horizontal	Pass
6	15898.162	56.92	0.24	74.0	17.08	Peak	291.00	400	Horizontal	Pass
6**	15898.162	48.33	0.24	54.0	5.67	AV	291.00	400	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	1569.300	38.74	-17.11	74.0	35.26	Peak	325.00	400	Vertical	Pass
1**	1569.300	29.48	-17.11	54.0	24.52	AV	325.00	400	Vertical	Pass
2	4397.800	49.95	-4.33	74.0	24.05	Peak	94.00	100	Vertical	Pass
2**	4397.800	41.17	-4.33	54.0	12.83	AV	94.00	100	Vertical	Pass
3	5298.600	98.62	-2.89	--	--	Peak	9.00	150	Vertical	N/A
3**	5298.600	91.61	-2.89	--	--	AV	9.00	150	Vertical	N/A
4	7353.050	49.71	-3.82	74.0	24.29	Peak	211.00	300	Vertical	Pass
4**	7353.050	40.50	-3.82	54.0	13.50	AV	211.00	300	Vertical	Pass
5	12304.663	52.81	1.39	74.0	21.19	Peak	329.00	200	Vertical	Pass
5**	12304.663	43.89	1.39	54.0	10.11	AV	329.00	200	Vertical	Pass
6	15453.225	55.68	1.44	74.0	18.32	Peak	113.00	400	Vertical	Pass
6**	15453.225	46.00	1.44	54.0	8.00	AV	113.00	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	1516.400	38.44	-17.17	74.0	35.56	Peak	79.00	200	Horizontal	Pass
1**	1516.400	29.71	-17.17	54.0	24.29	AV	79.00	200	Horizontal	Pass
2	4389.000	50.19	-3.37	74.0	23.81	Peak	20.00	100	Horizontal	Pass
2**	4389.000	41.38	-3.37	54.0	12.62	AV	20.00	100	Horizontal	Pass
3	5321.600	101.67	-2.21	--	--	Peak	289.00	200	Horizontal	N/A
3**	5321.600	94.37	-2.21	--	--	AV	289.00	200	Horizontal	N/A
4	7344.138	49.65	-3.45	74.0	24.35	Peak	211.00	300	Horizontal	Pass
4**	7344.138	40.07	-3.45	54.0	13.93	AV	211.00	300	Horizontal	Pass
5	11787.450	53.37	1.04	74.0	20.63	Peak	174.00	150	Horizontal	Pass
5**	11787.450	42.79	1.04	54.0	11.21	AV	174.00	150	Horizontal	Pass
6	15961.162	56.84	0.15	74.0	17.16	Peak	289.00	400	Horizontal	Pass
6**	15961.162	46.75	0.15	54.0	7.25	AV	289.00	400	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	1616.600	39.82	-17.25	74.0	34.18	Peak	176.00	100	Vertical	Pass
1**	1616.600	29.58	-17.25	54.0	24.42	AV	176.00	100	Vertical	Pass
2	4377.800	51.26	-3.48	74.0	22.74	Peak	360.00	200	Vertical	Pass
2**	4377.800	41.17	-3.48	54.0	12.83	AV	360.00	200	Vertical	Pass
3	5319.200	100.01	-2.33	--	--	Peak	8.00	150	Vertical	N/A
3**	5319.200	91.92	-2.33	--	--	AV	8.00	150	Vertical	N/A
4	7731.687	49.42	-2.33	74.0	24.58	Peak	286.00	100	Vertical	Pass
4**	7731.687	40.79	-2.33	54.0	13.21	AV	286.00	100	Vertical	Pass
5	12274.763	52.66	1.61	74.0	21.34	Peak	326.00	200	Vertical	Pass
5**	12274.763	44.41	1.61	54.0	9.59	AV	326.00	200	Vertical	Pass
6	15820.200	56.20	1.87	74.0	17.80	Peak	128.00	200	Vertical	Pass
6**	15820.200	46.39	1.87	54.0	7.61	AV	128.00	200	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	1458.700	38.60	-16.99	74.0	35.40	Peak	246.00	400	Horizontal	Pass
1**	1458.700	29.62	-16.99	54.0	24.38	AV	246.00	400	Horizontal	Pass
2	4386.400	50.11	-3.29	74.0	23.89	Peak	119.00	100	Horizontal	Pass
2**	4386.400	41.09	-3.29	54.0	12.91	AV	119.00	100	Horizontal	Pass
3	5256.800	102.81	-1.91	--	--	Peak	50.00	200	Horizontal	N/A
3**	5256.800	94.99	-1.91	--	--	AV	50.00	200	Horizontal	N/A
4	7319.700	49.63	-3.04	74.0	24.37	Peak	123.00	100	Horizontal	Pass
4**	7319.700	40.97	-3.04	54.0	13.03	AV	123.00	100	Horizontal	Pass
5	11945.862	53.12	1.51	74.0	20.88	Peak	227.00	150	Horizontal	Pass
5**	11945.862	43.86	1.51	54.0	10.14	AV	227.00	150	Horizontal	Pass
6	15781.349	57.91	1.61	74.0	16.09	Peak	275.00	150	Horizontal	Pass
6**	15781.349	48.04	1.61	54.0	5.96	AV	275.00	150	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	1513.900	38.89	-17.24	74.0	35.11	Peak	45.00	100	Vertical	Pass
1**	1513.900	29.73	-17.24	54.0	24.27	AV	45.00	100	Vertical	Pass
2	4388.400	51.03	-3.40	74.0	22.97	Peak	289.00	100	Vertical	Pass
2**	4388.400	40.90	-3.40	54.0	13.10	AV	289.00	100	Vertical	Pass
3	5258.400	99.64	-1.77	--	--	Peak	0.00	200	Vertical	N/A
3**	5258.400	92.13	-1.77	--	--	AV	0.00	200	Vertical	N/A
4	7359.950	50.03	-3.79	74.0	23.97	Peak	280.00	100	Vertical	Pass
4**	7359.950	40.12	-3.79	54.0	13.88	AV	280.00	100	Vertical	Pass
5	11739.437	53.00	0.80	74.0	21.00	Peak	296.00	150	Vertical	Pass
5**	11739.437	42.10	0.80	54.0	11.90	AV	296.00	150	Vertical	Pass
6	15802.875	57.27	2.30	74.0	16.73	Peak	270.00	150	Vertical	Pass
6**	15802.875	46.95	2.30	54.0	7.05	AV	270.00	150	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	1586.500	38.97	-16.90	74.0	35.03	Peak	129.00	400	Horizontal	Pass
1**	1586.500	30.02	-16.90	54.0	23.98	AV	129.00	400	Horizontal	Pass
2	4392.000	50.18	-3.50	74.0	23.82	Peak	143.00	300	Horizontal	Pass
2**	4392.000	41.63	-3.50	54.0	12.37	AV	143.00	300	Horizontal	Pass
3	5301.400	102.70	-2.79	--	--	Peak	42.00	200	Horizontal	N/A
3**	5301.400	95.42	-2.79	--	--	AV	42.00	200	Horizontal	N/A
4	7339.250	49.91	-2.93	74.0	24.09	Peak	310.00	300	Horizontal	Pass
4**	7339.250	40.93	-2.93	54.0	13.07	AV	310.00	300	Horizontal	Pass
5	12306.099	53.15	1.38	74.0	20.85	Peak	258.00	150	Horizontal	Pass
5**	12306.099	43.37	1.38	54.0	10.63	AV	258.00	150	Horizontal	Pass
6	15903.938	56.51	0.33	74.0	17.49	Peak	285.00	400	Horizontal	Pass
6**	15903.938	48.42	0.33	54.0	5.58	AV	285.00	400	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	1522.700	39.02	-17.34	74.0	34.98	Peak	321.00	300	Vertical	Pass
1**	1522.700	29.81	-17.34	54.0	24.19	AV	321.00	300	Vertical	Pass
2	4260.200	50.38	-4.52	74.0	23.62	Peak	62.00	100	Vertical	Pass
2**	4260.200	39.98	-4.52	54.0	14.02	AV	62.00	100	Vertical	Pass
3	5301.400	99.96	-2.79	--	--	Peak	7.00	100	Vertical	N/A
3**	5301.400	92.47	-2.79	--	--	AV	7.00	100	Vertical	N/A
4	7443.325	49.82	-3.30	74.0	24.18	Peak	277.00	200	Vertical	Pass
4**	7443.325	40.63	-3.30	54.0	13.37	AV	277.00	200	Vertical	Pass
5	12396.088	53.38	1.60	74.0	20.62	Peak	21.00	200	Vertical	Pass
5**	12396.088	44.39	1.60	54.0	9.61	AV	21.00	200	Vertical	Pass
6	15805.763	55.90	2.25	74.0	18.10	Peak	360.00	150	Vertical	Pass
6**	15805.763	47.04	2.25	54.0	6.96	AV	360.00	150	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	1564.900	39.00	-17.25	74.0	35.00	Peak	212.00	300	Horizontal	Pass
1**	1564.900	28.79	-17.25	54.0	25.21	AV	212.00	300	Horizontal	Pass
2	4373.400	50.95	-3.81	74.0	23.05	Peak	161.00	200	Horizontal	Pass
2**	4373.400	41.00	-3.81	54.0	13.00	AV	161.00	200	Horizontal	Pass
3	5318.600	102.38	-2.39	--	--	Peak	53.00	100	Horizontal	N/A
3**	5318.600	95.23	-2.39	--	--	AV	53.00	100	Horizontal	N/A
4	7450.800	50.26	-3.19	74.0	23.74	Peak	158.00	400	Horizontal	Pass
4**	7450.800	40.10	-3.19	54.0	13.90	AV	158.00	400	Horizontal	Pass
5	12339.738	53.65	1.29	74.0	20.35	Peak	194.00	100	Horizontal	Pass
5**	12339.738	43.46	1.29	54.0	10.54	AV	194.00	100	Horizontal	Pass
6	15959.588	56.82	0.12	74.0	17.18	Peak	284.00	150	Horizontal	Pass
6**	15959.588	47.75	0.12	54.0	6.25	AV	284.00	150	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	1506.300	38.72	-16.83	74.0	35.28	Peak	147.00	100	Vertical	Pass
1**	1506.300	29.56	-16.83	54.0	24.44	AV	147.00	100	Vertical	Pass
2	4380.600	50.83	-3.42	74.0	23.17	Peak	343.00	100	Vertical	Pass
2**	4380.600	42.39	-3.42	54.0	11.61	AV	343.00	100	Vertical	Pass
3	5321.800	99.79	-2.16	--	--	Peak	8.00	200	Vertical	N/A
3**	5321.800	92.05	-2.16	--	--	AV	8.00	200	Vertical	N/A
4	7626.462	50.51	-2.69	74.0	23.49	Peak	11.00	100	Vertical	Pass
4**	7626.462	40.27	-2.69	54.0	13.73	AV	11.00	100	Vertical	Pass
5	12322.775	52.84	1.42	74.0	21.16	Peak	49.00	200	Vertical	Pass
5**	12322.775	43.90	1.42	54.0	10.10	AV	49.00	200	Vertical	Pass
6	15959.063	57.72	0.11	74.0	16.28	Peak	265.00	200	Vertical	Pass
6**	15959.063	47.23	0.11	54.0	6.77	AV	265.00	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	1571.300	39.06	-17.03	74.0	34.94	Peak	252.00	300	Horizontal	Pass
1**	1571.300	29.22	-17.03	54.0	24.78	AV	252.00	300	Horizontal	Pass
2	4390.200	50.43	-3.31	74.0	23.57	Peak	282.00	300	Horizontal	Pass
2**	4390.200	41.32	-3.31	54.0	12.68	AV	282.00	300	Horizontal	Pass
3	5275.800	98.82	-2.58	--	--	Peak	51.00	200	Horizontal	N/A
3**	5275.800	90.93	-2.58	--	--	AV	51.00	200	Horizontal	N/A
4	7348.738	49.58	-3.74	74.0	24.42	Peak	57.00	100	Horizontal	Pass
4**	7348.738	40.36	-3.74	54.0	13.64	AV	57.00	100	Horizontal	Pass
5	11626.450	53.39	-0.15	74.0	20.61	Peak	227.00	200	Horizontal	Pass
5**	11626.450	42.91	-0.15	54.0	11.09	AV	227.00	200	Horizontal	Pass
6	15831.750	55.76	1.48	74.0	18.24	Peak	179.00	400	Horizontal	Pass
6**	15831.750	46.29	1.48	54.0	7.71	AV	179.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.900	39.44	-17.10	74.0	34.56	Peak	98.00	300	Vertical	Pass
1**	1581.900	29.23	-17.10	54.0	24.77	AV	98.00	300	Vertical	Pass
2	4376.800	50.27	-3.78	74.0	23.73	Peak	360.00	200	Vertical	Pass
2**	4376.800	41.17	-3.78	54.0	12.83	AV	360.00	200	Vertical	Pass
3	5271.600	96.55	-2.61	--	--	Peak	0.00	100	Vertical	N/A
3**	5271.600	89.37	-2.61	--	--	AV	0.00	100	Vertical	N/A
4	7349.025	49.65	-3.72	74.0	24.35	Peak	62.00	300	Vertical	Pass
4**	7349.025	40.28	-3.72	54.0	13.72	AV	62.00	300	Vertical	Pass
5	12243.425	52.82	1.03	74.0	21.18	Peak	329.00	200	Vertical	Pass
5**	12243.425	43.46	1.03	54.0	10.54	AV	329.00	200	Vertical	Pass
6	15824.400	56.09	1.67	74.0	17.91	Peak	158.00	300	Vertical	Pass
6**	15824.400	46.39	1.67	54.0	7.61	AV	158.00	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	1541.500	39.17	-17.06	74.0	34.83	Peak	360.00	200	Horizontal	Pass
1**	1541.500	28.95	-17.06	54.0	25.05	AV	360.00	200	Horizontal	Pass
2	4381.000	50.20	-3.49	74.0	23.80	Peak	287.00	100	Horizontal	Pass
2**	4381.000	42.15	-3.49	54.0	11.85	AV	287.00	100	Horizontal	Pass
3	5313.200	99.32	-2.34	--	--	Peak	54.00	200	Horizontal	N/A
3**	5313.200	91.72	-2.34	--	--	AV	54.00	200	Horizontal	N/A
4	7320.563	49.74	-3.09	74.0	24.26	Peak	165.00	200	Horizontal	Pass
4**	7320.563	40.10	-3.09	54.0	13.90	AV	165.00	200	Horizontal	Pass
5	12268.151	53.48	1.39	74.0	20.52	Peak	143.00	200	Horizontal	Pass
5**	12268.151	43.94	1.39	54.0	10.06	AV	143.00	200	Horizontal	Pass
6	15523.575	56.08	1.39	74.0	17.92	Peak	131.00	100	Horizontal	Pass
6**	15523.575	46.41	1.39	54.0	7.59	AV	131.00	100	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	1465.600	39.15	-17.39	74.0	34.85	Peak	60.00	300	Vertical	Pass
1**	1465.600	29.88	-17.39	54.0	24.12	AV	60.00	300	Vertical	Pass
2	4380.400	50.09	-3.39	74.0	23.91	Peak	330.00	300	Vertical	Pass
2**	4380.400	41.76	-3.39	54.0	12.24	AV	330.00	300	Vertical	Pass
3	5312.800	97.79	-2.34	--	--	Peak	10.00	150	Vertical	N/A
3**	5312.800	90.17	-2.34	--	--	AV	10.00	150	Vertical	N/A
4	7336.088	49.87	-3.18	74.0	24.13	Peak	302.00	300	Vertical	Pass
4**	7336.088	40.59	-3.18	54.0	13.41	AV	302.00	300	Vertical	Pass
5	11901.587	52.76	1.69	74.0	21.24	Peak	10.00	200	Vertical	Pass
5**	11901.587	42.82	1.69	54.0	11.18	AV	10.00	200	Vertical	Pass
6	15791.588	56.32	2.06	74.0	17.68	Peak	256.00	300	Vertical	Pass
6**	15791.588	46.82	2.06	54.0	7.18	AV	256.00	300	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	1506.800	39.51	-16.82	74.0	34.49	Peak	51.00	300	Horizontal	Pass
1**	1506.800	30.21	-16.82	54.0	23.79	AV	51.00	300	Horizontal	Pass
2	4230.800	49.92	-3.80	74.0	24.08	Peak	83.00	300	Horizontal	Pass
2**	4230.800	39.96	-3.80	54.0	14.04	AV	83.00	300	Horizontal	Pass
3	5261.600	102.01	-2.08	--	--	Peak	57.00	200	Horizontal	N/A
3**	5261.600	94.53	-2.08	--	--	AV	57.00	200	Horizontal	N/A
4	7365.987	49.76	-3.47	74.0	24.24	Peak	360.00	400	Horizontal	Pass
4**	7365.987	40.44	-3.47	54.0	13.56	AV	360.00	400	Horizontal	Pass
5	12505.912	53.11	1.67	74.0	20.89	Peak	110.00	200	Horizontal	Pass
5**	12505.912	43.02	1.67	54.0	10.98	AV	110.00	200	Horizontal	Pass
6	15785.550	58.89	1.83	74.0	15.11	Peak	292.00	400	Horizontal	Pass
6**	15785.550	47.35	1.83	54.0	6.65	AV	292.00	400	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	1567.400	39.14	-17.13	74.0	34.86	Peak	93.00	200	Vertical	Pass
1**	1567.400	29.01	-17.13	54.0	24.99	AV	93.00	200	Vertical	Pass
2	4385.600	50.83	-3.36	74.0	23.17	Peak	251.00	400	Vertical	Pass
2**	4385.600	41.60	-3.36	54.0	12.40	AV	251.00	400	Vertical	Pass
3	5258.600	99.39	-1.77	--	--	Peak	0.00	200	Vertical	N/A
3**	5258.600	92.00	-1.77	--	--	AV	0.00	200	Vertical	N/A
4	7346.725	49.33	-3.60	74.0	24.67	Peak	267.00	400	Vertical	Pass
4**	7346.725	40.61	-3.60	54.0	13.39	AV	267.00	400	Vertical	Pass
5	12421.675	53.16	1.40	74.0	20.84	Peak	129.00	200	Vertical	Pass
5**	12421.675	43.84	1.40	54.0	10.16	AV	129.00	200	Vertical	Pass
6	16089.787	57.27	1.44	74.0	16.73	Peak	308.00	200	Vertical	Pass
6**	16089.787	47.52	1.44	54.0	6.48	AV	308.00	200	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	1480.100	38.87	-17.16	74.0	35.13	Peak	84.00	100	Horizontal	Pass
1**	1480.100	29.27	-17.16	54.0	24.73	AV	84.00	100	Horizontal	Pass
2	4399.000	50.11	-4.63	74.0	23.89	Peak	10.00	100	Horizontal	Pass
2**	4399.000	40.39	-4.63	54.0	13.61	AV	10.00	100	Horizontal	Pass
3	5301.000	101.88	-2.84	--	--	Peak	50.00	100	Horizontal	N/A
3**	5301.000	94.56	-2.84	--	--	AV	50.00	100	Horizontal	N/A
4	7343.275	49.76	-3.35	74.0	24.24	Peak	74.00	200	Horizontal	Pass
4**	7343.275	40.69	-3.35	54.0	13.31	AV	74.00	200	Horizontal	Pass
5	12280.513	53.65	1.80	74.0	20.35	Peak	17.00	200	Horizontal	Pass
5**	12280.513	44.55	1.80	54.0	9.45	AV	17.00	200	Horizontal	Pass
6	15892.650	55.92	0.20	74.0	18.08	Peak	272.00	300	Horizontal	Pass
6**	15892.650	45.85	0.20	54.0	8.15	AV	272.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.000	38.69	-17.27	74.0	35.31	Peak	179.00	200	Vertical	Pass
1**	1544.000	29.73	-17.27	54.0	24.27	AV	179.00	200	Vertical	Pass
2	4370.600	50.59	-4.15	74.0	23.41	Peak	98.00	300	Vertical	Pass
2**	4370.600	40.29	-4.15	54.0	13.71	AV	98.00	300	Vertical	Pass
3	5302.400	98.81	-2.72	--	--	Peak	10.00	200	Vertical	N/A
3**	5302.400	91.78	-2.72	--	--	AV	10.00	200	Vertical	N/A
4	7365.700	50.38	-3.41	74.0	23.62	Peak	43.00	100	Vertical	Pass
4**	7365.700	40.28	-3.41	54.0	13.72	AV	43.00	100	Vertical	Pass
5	12302.075	53.26	1.44	74.0	20.74	Peak	0.00	200	Vertical	Pass
5**	12302.075	43.29	1.44	54.0	10.71	AV	0.00	200	Vertical	Pass
6	16165.913	56.03	1.05	74.0	17.97	Peak	68.00	100	Vertical	Pass
6**	16165.913	46.26	1.05	54.0	7.74	AV	68.00	100	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	1545.100	39.44	-17.22	74.0	34.56	Peak	246.00	300	Horizontal	Pass
1**	1545.100	29.27	-17.22	54.0	24.73	AV	246.00	300	Horizontal	Pass
2	4385.600	50.95	-3.36	74.0	23.05	Peak	111.00	200	Horizontal	Pass
2**	4385.600	41.13	-3.36	54.0	12.87	AV	111.00	200	Horizontal	Pass
3	5320.400	102.46	-2.34	--	--	Peak	293.00	150	Horizontal	N/A
3**	5320.400	93.92	-2.34	--	--	AV	293.00	150	Horizontal	N/A
4	7464.888	50.02	-3.45	74.0	23.98	Peak	69.00	200	Horizontal	Pass
4**	7464.888	39.57	-3.45	54.0	14.43	AV	69.00	200	Horizontal	Pass
5	11950.175	53.98	1.39	74.0	20.02	Peak	195.00	200	Horizontal	Pass
5**	11950.175	43.58	1.39	54.0	10.42	AV	195.00	200	Horizontal	Pass
6	15954.076	56.20	-0.01	74.0	17.80	Peak	273.00	200	Horizontal	Pass
6**	15954.076	49.03	-0.01	54.0	4.97	AV	273.00	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	1510.500	39.48	-17.20	74.0	34.52	Peak	98.00	100	Vertical	Pass
1**	1510.500	29.66	-17.20	54.0	24.34	AV	98.00	100	Vertical	Pass
2	4379.400	50.71	-3.32	74.0	23.29	Peak	220.00	200	Vertical	Pass
2**	4379.400	42.42	-3.32	54.0	11.58	AV	220.00	200	Vertical	Pass
3	5319.000	99.56	-2.33	--	--	Peak	8.00	150	Vertical	N/A
3**	5319.000	92.91	-2.33	--	--	AV	8.00	150	Vertical	N/A
4	7340.975	49.70	-3.07	74.0	24.30	Peak	103.00	100	Vertical	Pass
4**	7340.975	40.91	-3.07	54.0	13.09	AV	103.00	100	Vertical	Pass
5	12227.613	52.84	1.31	74.0	21.16	Peak	103.00	150	Vertical	Pass
5**	12227.613	43.70	1.31	54.0	10.30	AV	103.00	150	Vertical	Pass
6	15496.800	56.17	1.09	74.0	17.83	Peak	324.00	100	Vertical	Pass
6**	15496.800	46.18	1.09	54.0	7.82	AV	324.00	100	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	1490.400	38.59	-16.76	74.0	35.41	Peak	121.00	400	Horizontal	Pass
1**	1490.400	29.47	-16.76	54.0	24.53	AV	121.00	400	Horizontal	Pass
2	4380.000	49.83	-3.32	74.0	24.17	Peak	70.00	300	Horizontal	Pass
2**	4380.000	41.44	-3.32	54.0	12.56	AV	70.00	300	Horizontal	Pass
3	5274.600	98.96	-2.59	--	--	Peak	45.00	150	Horizontal	N/A
3**	5274.600	91.22	-2.59	--	--	AV	45.00	150	Horizontal	N/A
4	7629.913	49.92	-2.93	74.0	24.08	Peak	83.00	300	Horizontal	Pass
4**	7629.913	40.19	-2.93	54.0	13.81	AV	83.00	300	Horizontal	Pass
5	11791.762	52.98	0.96	74.0	21.02	Peak	3.00	150	Horizontal	Pass
5**	11791.762	42.66	0.96	54.0	11.34	AV	3.00	150	Horizontal	Pass
6	15847.500	56.15	1.35	74.0	17.85	Peak	43.00	200	Horizontal	Pass
6**	15847.500	46.24	1.35	54.0	7.76	AV	43.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.200	38.70	-17.07	74.0	35.30	Peak	29.00	300	Vertical	Pass
1**	1596.200	29.20	-17.07	54.0	24.80	AV	29.00	300	Vertical	Pass
2	4380.000	50.15	-3.32	74.0	23.85	Peak	164.00	200	Vertical	Pass
2**	4380.000	41.85	-3.32	54.0	12.15	AV	164.00	200	Vertical	Pass
3	5273.000	96.43	-2.65	--	--	Peak	9.00	200	Vertical	N/A
3**	5273.000	89.34	-2.65	--	--	AV	9.00	200	Vertical	N/A
4	7625.888	50.02	-2.77	74.0	23.98	Peak	115.00	400	Vertical	Pass
4**	7625.888	40.19	-2.77	54.0	13.81	AV	115.00	400	Vertical	Pass
5	12285.975	53.06	1.75	74.0	20.94	Peak	277.00	100	Vertical	Pass
5**	12285.975	44.11	1.75	54.0	9.89	AV	277.00	100	Vertical	Pass
6	15818.625	55.67	1.93	74.0	18.33	Peak	155.00	100	Vertical	Pass
6**	15818.625	46.33	1.93	54.0	7.67	AV	155.00	100	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	1591.800	38.62	-17.35	74.0	35.38	Peak	360.00	300	Horizontal	Pass
1**	1591.800	29.04	-17.35	54.0	24.96	AV	360.00	300	Horizontal	Pass
2	4379.800	50.25	-3.28	74.0	23.75	Peak	186.00	100	Horizontal	Pass
2**	4379.800	41.23	-3.28	54.0	12.77	AV	186.00	100	Horizontal	Pass
3	5308.000	100.35	-2.32	--	--	Peak	54.00	200	Horizontal	N/A
3**	5308.000	92.60	-2.32	--	--	AV	54.00	200	Horizontal	N/A
4	7338.962	49.35	-2.92	74.0	24.65	Peak	360.00	300	Horizontal	Pass
4**	7338.962	41.49	-2.92	54.0	12.51	AV	360.00	300	Horizontal	Pass
5	12263.838	53.51	1.24	74.0	20.49	Peak	88.00	150	Horizontal	Pass
5**	12263.838	43.24	1.24	54.0	10.76	AV	88.00	150	Horizontal	Pass
6	15848.025	55.62	1.35	74.0	18.38	Peak	339.00	300	Horizontal	Pass
6**	15848.025	46.83	1.35	54.0	7.17	AV	339.00	300	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	1563.900	39.50	-17.23	74.0	34.50	Peak	148.00	200	Vertical	Pass
1**	1563.900	29.54	-17.23	54.0	24.46	AV	148.00	200	Vertical	Pass
2	4379.200	49.74	-3.34	74.0	24.26	Peak	284.00	100	Vertical	Pass
2**	4379.200	41.55	-3.34	54.0	12.45	AV	284.00	100	Vertical	Pass
3	5308.400	97.48	-2.28	--	--	Peak	9.00	200	Vertical	N/A
3**	5308.400	89.83	-2.28	--	--	AV	9.00	200	Vertical	N/A
4	7674.475	49.96	-2.40	74.0	24.04	Peak	66.00	100	Vertical	Pass
4**	7674.475	40.70	-2.40	54.0	13.30	AV	66.00	100	Vertical	Pass
5	11956.500	53.28	1.09	74.0	20.72	Peak	0.00	100	Vertical	Pass
5**	11956.500	44.07	1.09	54.0	9.93	AV	0.00	100	Vertical	Pass
6	16008.674	56.20	0.41	74.0	17.80	Peak	45.00	200	Vertical	Pass
6**	16008.674	46.07	0.41	54.0	7.93	AV	45.00	200	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	1502.000	38.63	-17.00	74.0	35.37	Peak	54.00	300	Horizontal	Pass
1**	1502.000	29.39	-17.00	54.0	24.61	AV	54.00	300	Horizontal	Pass
2	4391.600	50.81	-3.45	74.0	23.19	Peak	0.00	200	Horizontal	Pass
2**	4391.600	41.96	-3.45	54.0	12.04	AV	0.00	200	Horizontal	Pass
3	5287.400	97.11	-2.68	--	--	Peak	56.00	150	Horizontal	N/A
3**	5287.400	89.52	-2.68	--	--	AV	56.00	150	Horizontal	N/A
4	7338.387	50.64	-2.90	74.0	23.36	Peak	247.00	200	Horizontal	Pass
4**	7338.387	41.71	-2.90	54.0	12.29	AV	247.00	200	Horizontal	Pass
5	11677.050	53.29	0.22	74.0	20.71	Peak	100.00	200	Horizontal	Pass
5**	11677.050	42.68	0.22	54.0	11.32	AV	100.00	200	Horizontal	Pass
6	15849.075	55.95	1.34	74.0	18.05	Peak	146.00	300	Horizontal	Pass
6**	15849.075	47.11	1.34	54.0	6.89	AV	146.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1563.900	38.67	-17.23	74.0	35.33	Peak	69.00	200	Vertical	Pass
1**	1563.900	29.10	-17.23	54.0	24.90	AV	69.00	200	Vertical	Pass
2	4379.400	50.00	-3.32	74.0	24.00	Peak	125.00	100	Vertical	Pass
2**	4379.400	41.99	-3.32	54.0	12.01	AV	125.00	100	Vertical	Pass
3	5278.600	93.43	-2.41	--	--	Peak	9.00	150	Vertical	N/A
3**	5278.600	86.28	-2.41	--	--	AV	9.00	150	Vertical	N/A
4	7333.212	49.49	-3.14	74.0	24.51	Peak	67.00	400	Vertical	Pass
4**	7333.212	40.53	-3.14	54.0	13.47	AV	67.00	400	Vertical	Pass
5	11932.349	52.62	1.62	74.0	21.38	Peak	0.00	150	Vertical	Pass
5**	11932.349	43.37	1.62	54.0	10.63	AV	0.00	150	Vertical	Pass
6	15804.975	56.24	2.27	74.0	17.76	Peak	166.00	400	Vertical	Pass
6**	15804.975	47.04	2.27	54.0	6.96	AV	166.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.100	38.61	-17.01	74.0	35.39	Peak	192.00	200	Horizontal	Pass
1**	1528.100	29.77	-17.01	54.0	24.23	AV	192.00	200	Horizontal	Pass
2	4379.600	51.06	-3.30	74.0	22.94	Peak	46.00	100	Horizontal	Pass
2**	4379.600	41.48	-3.30	54.0	12.52	AV	46.00	100	Horizontal	Pass
3	5502.200	105.28	-1.37	--	--	Peak	264.00	200	Horizontal	N/A
3**	5502.200	97.32	-1.37	--	--	AV	264.00	200	Horizontal	N/A
4	7339.537	49.51	-2.93	74.0	24.49	Peak	360.00	100	Horizontal	Pass
4**	7339.537	40.89	-2.93	54.0	13.11	AV	360.00	100	Horizontal	Pass
5	12444.387	53.08	1.81	74.0	20.92	Peak	47.00	150	Horizontal	Pass
5**	12444.387	42.93	1.81	54.0	11.07	AV	47.00	150	Horizontal	Pass
6	16040.438	55.98	0.79	74.0	18.02	Peak	219.00	100	Horizontal	Pass
6**	16040.438	46.67	0.79	54.0	7.33	AV	219.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1577.900	38.71	-17.45	74.0	35.29	Peak	86.00	300	Vertical	Pass
1**	1577.900	29.16	-17.45	54.0	24.84	AV	86.00	300	Vertical	Pass
2	4283.400	50.89	-4.42	74.0	23.11	Peak	57.00	200	Vertical	Pass
2**	4283.400	40.26	-4.42	54.0	13.74	AV	57.00	200	Vertical	Pass
3	5503.200	97.85	-1.36	--	--	Peak	20.00	200	Vertical	N/A
3**	5503.200	89.92	-1.36	--	--	AV	20.00	200	Vertical	N/A
4	7672.175	49.73	-2.42	74.0	24.27	Peak	156.00	200	Vertical	Pass
4**	7672.175	40.41	-2.42	54.0	13.59	AV	156.00	200	Vertical	Pass
5	12349.225	53.19	1.23	74.0	20.81	Peak	156.00	200	Vertical	Pass
5**	12349.225	44.46	1.23	54.0	9.54	AV	156.00	200	Vertical	Pass
6	15842.775	56.35	1.40	74.0	17.65	Peak	115.00	100	Vertical	Pass
6**	15842.775	46.96	1.40	54.0	7.04	AV	115.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.200	38.60	-16.83	74.0	35.40	Peak	302.00	100	Horizontal	Pass
1**	1506.200	30.35	-16.83	54.0	23.65	AV	302.00	100	Horizontal	Pass
2	4388.400	50.79	-3.40	74.0	23.21	Peak	182.00	400	Horizontal	Pass
2**	4388.400	41.52	-3.40	54.0	12.48	AV	182.00	400	Horizontal	Pass
3	5578.800	104.90	-1.61	--	--	Peak	267.00	100	Horizontal	N/A
3**	5578.800	98.00	-1.61	--	--	AV	267.00	100	Horizontal	N/A
4	7452.237	49.33	-3.16	74.0	24.67	Peak	129.00	200	Horizontal	Pass
4**	7452.237	40.34	-3.16	54.0	13.66	AV	129.00	200	Horizontal	Pass
5	12584.688	52.94	1.61	74.0	21.06	Peak	129.00	150	Horizontal	Pass
5**	12584.688	43.22	1.61	54.0	10.78	AV	129.00	150	Horizontal	Pass
6	15803.138	56.58	2.29	74.0	17.42	Peak	360.00	300	Horizontal	Pass
6**	15803.138	46.99	2.29	54.0	7.01	AV	360.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.500	39.01	-16.81	74.0	34.99	Peak	356.00	300	Vertical	Pass
1**	1487.500	29.75	-16.81	54.0	24.25	AV	356.00	300	Vertical	Pass
2	4257.000	50.85	-4.58	74.0	23.15	Peak	346.00	400	Vertical	Pass
2**	4257.000	40.23	-4.58	54.0	13.77	AV	346.00	400	Vertical	Pass
3	5578.400	98.30	-1.60	--	--	Peak	238.00	200	Vertical	N/A
3**	5578.400	90.83	-1.60	--	--	AV	238.00	200	Vertical	N/A
4	7431.250	50.49	-3.51	74.0	23.51	Peak	155.00	300	Vertical	Pass
4**	7431.250	39.58	-3.51	54.0	14.42	AV	155.00	300	Vertical	Pass
5	12624.362	53.19	1.62	74.0	20.81	Peak	293.00	150	Vertical	Pass
5**	12624.362	43.87	1.62	54.0	10.13	AV	293.00	150	Vertical	Pass
6	15811.800	55.85	2.13	74.0	18.15	Peak	224.00	100	Vertical	Pass
6**	15811.800	46.51	2.13	54.0	7.49	AV	224.00	100	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	1501.900	38.99	-16.99	74.0	35.01	Peak	55.00	300	Horizontal	Pass
1**	1501.900	29.70	-16.99	54.0	24.30	AV	55.00	300	Horizontal	Pass
2	4385.400	50.10	-3.40	74.0	23.90	Peak	141.00	400	Horizontal	Pass
2**	4385.400	41.69	-3.40	54.0	12.31	AV	141.00	400	Horizontal	Pass
3	5699.000	102.81	-0.98	--	--	Peak	292.00	100	Horizontal	N/A
3**	5699.000	95.22	-0.98	--	--	AV	292.00	100	Horizontal	N/A
4	7687.413	49.69	-2.12	74.0	24.31	Peak	164.00	200	Horizontal	Pass
4**	7687.413	40.60	-2.12	54.0	13.40	AV	164.00	200	Horizontal	Pass
5	12607.400	54.14	1.90	74.0	19.86	Peak	295.00	100	Horizontal	Pass
5**	12607.400	44.75	1.90	54.0	9.25	AV	295.00	100	Horizontal	Pass
6	16032.037	56.58	0.73	74.0	17.42	Peak	105.00	200	Horizontal	Pass
6**	16032.037	46.49	0.73	54.0	7.51	AV	105.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.900	38.68	-17.08	74.0	35.32	Peak	267.00	200	Vertical	Pass
1**	1620.900	29.76	-17.08	54.0	24.24	AV	267.00	200	Vertical	Pass
2	4392.800	50.39	-3.61	74.0	23.61	Peak	31.00	100	Vertical	Pass
2**	4392.800	41.31	-3.61	54.0	12.69	AV	31.00	100	Vertical	Pass
3	5698.000	96.74	-1.11	--	--	Peak	44.00	200	Vertical	N/A
3**	5698.000	89.38	-1.11	--	--	AV	44.00	200	Vertical	N/A
4	7338.387	49.38	-2.90	74.0	24.62	Peak	360.00	200	Vertical	Pass
4**	7338.387	41.12	-2.90	54.0	12.88	AV	360.00	200	Vertical	Pass
5	11950.750	53.17	1.36	74.0	20.83	Peak	326.00	100	Vertical	Pass
5**	11950.750	43.60	1.36	54.0	10.40	AV	326.00	100	Vertical	Pass
6	15657.713	55.41	1.23	74.0	18.59	Peak	20.00	100	Vertical	Pass
6**	15657.713	45.17	1.23	54.0	8.83	AV	20.00	100	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	1586.200	39.44	-16.87	74.0	34.56	Peak	360.00	200	Horizontal	Pass
1**	1586.200	29.53	-16.87	54.0	24.47	AV	360.00	200	Horizontal	Pass
2	4378.600	49.95	-3.40	74.0	24.05	Peak	67.00	300	Horizontal	Pass
2**	4378.600	42.07	-3.40	54.0	11.93	AV	67.00	300	Horizontal	Pass
3	5501.200	104.94	-1.47	--	--	Peak	275.00	200	Horizontal	N/A
3**	5501.200	97.70	-1.47	--	--	AV	275.00	200	Horizontal	N/A
4	7363.400	49.57	-3.76	74.0	24.43	Peak	193.00	200	Horizontal	Pass
4**	7363.400	39.99	-3.76	54.0	14.01	AV	193.00	200	Horizontal	Pass
5	12297.475	52.87	1.53	74.0	21.13	Peak	117.00	100	Horizontal	Pass
5**	12297.475	43.69	1.53	54.0	10.31	AV	117.00	100	Horizontal	Pass
6	15819.675	55.76	1.89	74.0	18.24	Peak	320.00	300	Horizontal	Pass
6**	15819.675	46.34	1.89	54.0	7.66	AV	320.00	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	1500.100	38.78	-16.92	74.0	35.22	Peak	304.00	200	Vertical	Pass
1**	1500.100	29.92	-16.92	54.0	24.08	AV	304.00	200	Vertical	Pass
2	4385.400	50.24	-3.40	74.0	23.76	Peak	58.00	300	Vertical	Pass
2**	4385.400	41.90	-3.40	54.0	12.10	AV	58.00	300	Vertical	Pass
3	5497.200	98.89	-1.56	--	--	Peak	12.00	150	Vertical	N/A
3**	5497.200	91.41	-1.56	--	--	AV	12.00	150	Vertical	N/A
4	7336.950	49.53	-3.01	74.0	24.47	Peak	223.00	200	Vertical	Pass
4**	7336.950	40.41	-3.01	54.0	13.59	AV	223.00	200	Vertical	Pass
5	12504.188	53.06	1.67	74.0	20.94	Peak	12.00	200	Vertical	Pass
5**	12504.188	42.88	1.67	54.0	11.12	AV	12.00	200	Vertical	Pass
6	16032.825	55.92	0.74	74.0	18.08	Peak	0.00	200	Vertical	Pass
6**	16032.825	46.48	0.74	54.0	7.52	AV	0.00	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	1492.500	39.45	-16.88	74.0	34.55	Peak	0.00	300	Horizontal	Pass
1**	1492.500	30.24	-16.88	54.0	23.76	AV	0.00	300	Horizontal	Pass
2	4382.400	50.67	-3.64	74.0	23.33	Peak	168.00	400	Horizontal	Pass
2**	4382.400	41.27	-3.64	54.0	12.73	AV	168.00	400	Horizontal	Pass
3	5578.400	104.20	-1.60	--	--	Peak	268.00	100	Horizontal	N/A
3**	5578.400	97.45	-1.60	--	--	AV	268.00	100	Horizontal	N/A
4	7337.812	49.73	-2.88	74.0	24.27	Peak	360.00	200	Horizontal	Pass
4**	7337.812	40.70	-2.88	54.0	13.30	AV	360.00	200	Horizontal	Pass
5	12295.750	53.45	1.56	74.0	20.55	Peak	146.00	200	Horizontal	Pass
5**	12295.750	44.58	1.56	54.0	9.42	AV	146.00	200	Horizontal	Pass
6	16099.237	55.74	1.22	74.0	18.26	Peak	259.00	100	Horizontal	Pass
6**	16099.237	46.07	1.22	54.0	7.93	AV	259.00	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	1511.000	39.14	-17.20	74.0	34.86	Peak	55.00	300	Vertical	Pass
1**	1511.000	29.34	-17.20	54.0	24.66	AV	55.00	300	Vertical	Pass
2	4383.000	50.33	-3.64	74.0	23.67	Peak	168.00	100	Vertical	Pass
2**	4383.000	42.20	-3.64	54.0	11.80	AV	168.00	100	Vertical	Pass
3	5581.000	98.29	-1.70	--	--	Peak	44.00	100	Vertical	N/A
3**	5581.000	90.47	-1.70	--	--	AV	44.00	100	Vertical	N/A
4	7339.537	50.01	-2.93	74.0	23.99	Peak	309.00	100	Vertical	Pass
4**	7339.537	41.33	-2.93	54.0	12.67	AV	309.00	100	Vertical	Pass
5	12410.174	53.72	1.44	74.0	20.28	Peak	196.00	200	Vertical	Pass
5**	12410.174	44.61	1.44	54.0	9.39	AV	196.00	200	Vertical	Pass
6	16032.300	56.12	0.73	74.0	17.88	Peak	219.00	400	Vertical	Pass
6**	16032.300	47.10	0.73	54.0	6.90	AV	219.00	400	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	1509.700	39.70	-17.19	74.0	34.30	Peak	97.00	300	Horizontal	Pass
1**	1509.700	28.98	-17.19	54.0	25.02	AV	97.00	300	Horizontal	Pass
2	4383.800	49.85	-3.64	74.0	24.15	Peak	0.00	100	Horizontal	Pass
2**	4383.800	41.57	-3.64	54.0	12.43	AV	0.00	100	Horizontal	Pass
3	5702.800	103.16	-1.65	--	--	Peak	280.00	150	Horizontal	N/A
3**	5702.800	94.21	-1.65	--	--	AV	280.00	150	Horizontal	N/A
4	7634.225	49.65	-2.95	74.0	24.35	Peak	205.00	200	Horizontal	Pass
4**	7634.225	40.41	-2.95	54.0	13.59	AV	205.00	200	Horizontal	Pass
5	12272.463	53.39	1.53	74.0	20.61	Peak	360.00	150	Horizontal	Pass
5**	12272.463	44.20	1.53	54.0	9.80	AV	360.00	150	Horizontal	Pass
6	15835.950	55.81	1.45	74.0	18.19	Peak	43.00	100	Horizontal	Pass
6**	15835.950	46.29	1.45	54.0	7.71	AV	43.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1560.400	39.56	-16.90	74.0	34.44	Peak	316.00	200	Vertical	Pass
1**	1560.400	29.67	-16.90	54.0	24.33	AV	316.00	200	Vertical	Pass
2	4382.000	50.37	-3.64	74.0	23.63	Peak	317.00	100	Vertical	Pass
2**	4382.000	41.31	-3.64	54.0	12.69	AV	317.00	100	Vertical	Pass
3	5698.600	97.18	-1.03	--	--	Peak	47.00	150	Vertical	N/A
3**	5698.600	89.66	-1.03	--	--	AV	47.00	150	Vertical	N/A
4	7319.413	50.47	-3.03	74.0	23.53	Peak	291.00	100	Vertical	Pass
4**	7319.413	41.66	-3.03	54.0	12.34	AV	291.00	100	Vertical	Pass
5	12559.388	52.91	1.68	74.0	21.09	Peak	268.00	150	Vertical	Pass
5**	12559.388	43.10	1.68	54.0	10.90	AV	268.00	150	Vertical	Pass
6	15624.375	56.63	1.71	74.0	17.37	Peak	137.00	150	Vertical	Pass
6**	15624.375	45.73	1.71	54.0	8.27	AV	137.00	150	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	1540.100	39.60	-17.03	74.0	34.40	Peak	360.00	200	Horizontal	Pass
1**	1540.100	29.33	-17.03	54.0	24.67	AV	360.00	200	Horizontal	Pass
2	4361.200	50.67	-4.08	74.0	23.33	Peak	254.00	200	Horizontal	Pass
2**	4361.200	41.32	-4.08	54.0	12.68	AV	254.00	200	Horizontal	Pass
3	5508.200	102.98	-0.93	--	--	Peak	267.00	200	Horizontal	N/A
3**	5508.200	94.86	-0.93	--	--	AV	267.00	200	Horizontal	N/A
4	7339.825	50.65	-2.95	74.0	23.35	Peak	46.00	300	Horizontal	Pass
4**	7339.825	41.26	-2.95	54.0	12.74	AV	46.00	300	Horizontal	Pass
5	12280.800	53.48	1.80	74.0	20.52	Peak	283.00	100	Horizontal	Pass
5**	12280.800	44.38	1.80	54.0	9.62	AV	283.00	100	Horizontal	Pass
6	15631.988	56.22	1.64	74.0	17.78	Peak	234.00	200	Horizontal	Pass
6**	15631.988	46.06	1.64	54.0	7.94	AV	234.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1537.700	40.52	-17.03	74.0	33.48	Peak	70.00	400	Vertical	Pass
1**	1537.700	29.18	-17.03	54.0	24.82	AV	70.00	400	Vertical	Pass
2	4383.600	50.73	-3.64	74.0	23.27	Peak	295.00	400	Vertical	Pass
2**	4383.600	41.34	-3.64	54.0	12.66	AV	295.00	400	Vertical	Pass
3	5508.000	95.63	-0.94	--	--	Peak	10.00	150	Vertical	N/A
3**	5508.000	87.81	-0.94	--	--	AV	10.00	150	Vertical	N/A
4	7633.650	49.84	-2.93	74.0	24.16	Peak	275.00	200	Vertical	Pass
4**	7633.650	40.83	-2.93	54.0	13.17	AV	275.00	200	Vertical	Pass
5	12229.625	53.23	1.30	74.0	20.77	Peak	294.00	100	Vertical	Pass
5**	12229.625	43.65	1.30	54.0	10.35	AV	294.00	100	Vertical	Pass
6	15625.687	56.26	1.72	74.0	17.74	Peak	360.00	200	Vertical	Pass
6**	15625.687	45.86	1.72	54.0	8.14	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.800	40.10	-17.31	74.0	33.90	Peak	53.00	200	Horizontal	Pass
1**	1521.800	29.83	-17.31	54.0	24.17	AV	53.00	200	Horizontal	Pass
2	4381.000	50.52	-3.49	74.0	23.48	Peak	31.00	200	Horizontal	Pass
2**	4381.000	41.45	-3.49	54.0	12.55	AV	31.00	200	Horizontal	Pass
3	5593.800	101.42	-2.15	--	--	Peak	274.00	150	Horizontal	N/A
3**	5593.800	93.80	-2.15	--	--	AV	274.00	150	Horizontal	N/A
4	7690.288	49.48	-2.40	74.0	24.52	Peak	274.00	400	Horizontal	Pass
4**	7690.288	40.00	-2.40	54.0	14.00	AV	274.00	400	Horizontal	Pass
5	12622.063	53.11	1.71	74.0	20.89	Peak	15.00	200	Horizontal	Pass
5**	12622.063	43.38	1.71	54.0	10.62	AV	15.00	200	Horizontal	Pass
6	15843.299	55.89	1.39	74.0	18.11	Peak	220.00	300	Horizontal	Pass
6**	15843.299	46.71	1.39	54.0	7.29	AV	220.00	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	1535.800	40.34	-17.00	74.0	33.66	Peak	20.00	100	Vertical	Pass
1**	1535.800	30.02	-17.00	54.0	23.98	AV	20.00	100	Vertical	Pass
2	4369.600	50.34	-3.97	74.0	23.66	Peak	87.00	200	Vertical	Pass
2**	4369.600	40.61	-3.97	54.0	13.39	AV	87.00	200	Vertical	Pass
3	5593.000	94.88	-2.22	--	--	Peak	32.00	150	Vertical	N/A
3**	5593.000	86.97	-2.22	--	--	AV	32.00	150	Vertical	N/A
4	7674.187	49.70	-2.37	74.0	24.30	Peak	0.00	300	Vertical	Pass
4**	7674.187	41.44	-2.37	54.0	12.56	AV	0.00	300	Vertical	Pass
5	11210.438	53.31	-0.21	74.0	20.69	Peak	198.00	100	Vertical	Pass
5**	11210.438	43.53	-0.21	54.0	10.47	AV	198.00	100	Vertical	Pass
6	15661.650	55.43	1.29	74.0	18.57	Peak	71.00	100	Vertical	Pass
6**	15661.650	48.03	1.29	54.0	5.97	AV	71.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.500	40.03	-17.20	74.0	33.97	Peak	45.00	300	Horizontal	Pass
1**	1510.500	29.66	-17.20	54.0	24.34	AV	45.00	300	Horizontal	Pass
2	4360.800	50.18	-4.02	74.0	23.82	Peak	360.00	300	Horizontal	Pass
2**	4360.800	40.42	-4.02	54.0	13.58	AV	360.00	300	Horizontal	Pass
3	5671.800	99.21	-2.29	--	--	Peak	286.00	200	Horizontal	N/A
3**	5671.800	91.66	-2.29	--	--	AV	286.00	200	Horizontal	N/A
4	7711.850	49.51	-2.23	74.0	24.49	Peak	153.00	300	Horizontal	Pass
4**	7711.850	40.19	-2.23	54.0	13.81	AV	153.00	300	Horizontal	Pass
5	12277.349	53.73	1.71	74.0	20.27	Peak	320.00	100	Horizontal	Pass
5**	12277.349	44.25	1.71	54.0	9.75	AV	320.00	100	Horizontal	Pass
6	15515.175	56.64	1.40	74.0	17.36	Peak	242.00	400	Horizontal	Pass
6**	15515.175	46.02	1.40	54.0	7.98	AV	242.00	400	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	1541.000	39.89	-16.97	74.0	34.11	Peak	18.00	100	Vertical	Pass
1**	1541.000	30.33	-16.97	54.0	23.67	AV	18.00	100	Vertical	Pass
2	4251.600	50.39	-4.55	74.0	23.61	Peak	23.00	200	Vertical	Pass
2**	4251.600	39.74	-4.55	54.0	14.26	AV	23.00	200	Vertical	Pass
3	5673.200	94.27	-2.18	--	--	Peak	36.00	200	Vertical	N/A
3**	5673.200	85.87	-2.18	--	--	AV	36.00	200	Vertical	N/A
4	7446.200	50.09	-3.13	74.0	23.91	Peak	341.00	300	Vertical	Pass
4**	7446.200	40.29	-3.13	54.0	13.71	AV	341.00	300	Vertical	Pass
5	12610.275	52.92	1.89	74.0	21.08	Peak	154.00	100	Vertical	Pass
5**	12610.275	43.67	1.89	54.0	10.33	AV	154.00	100	Vertical	Pass
6	15691.837	56.24	1.24	74.0	17.76	Peak	249.00	300	Vertical	Pass
6**	15691.837	45.51	1.24	54.0	8.49	AV	249.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.800	39.62	-17.25	74.0	34.38	Peak	53.00	400	Horizontal	Pass
1**	1512.800	29.81	-17.25	54.0	24.19	AV	53.00	400	Horizontal	Pass
2	4378.800	50.06	-3.38	74.0	23.94	Peak	278.00	300	Horizontal	Pass
2**	4378.800	41.90	-3.38	54.0	12.10	AV	278.00	300	Horizontal	Pass
3	5501.400	105.18	-1.43	--	--	Peak	265.00	100	Horizontal	N/A
3**	5501.400	97.72	-1.43	--	--	AV	265.00	100	Horizontal	N/A
4	7353.337	49.43	-3.81	74.0	24.57	Peak	297.00	200	Horizontal	Pass
4**	7353.337	40.44	-3.81	54.0	13.56	AV	297.00	200	Horizontal	Pass
5	12258.950	53.02	1.06	74.0	20.98	Peak	319.00	100	Horizontal	Pass
5**	12258.950	43.00	1.06	54.0	11.00	AV	319.00	100	Horizontal	Pass
6	15508.088	55.72	1.38	74.0	18.28	Peak	272.00	100	Horizontal	Pass
6**	15508.088	46.33	1.38	54.0	7.67	AV	272.00	100	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	1536.400	39.84	-16.92	74.0	34.16	Peak	28.00	300	Vertical	Pass
1**	1536.400	30.48	-16.92	54.0	23.52	AV	28.00	300	Vertical	Pass
2	4359.600	50.90	-4.07	74.0	23.10	Peak	82.00	300	Vertical	Pass
2**	4359.600	41.16	-4.07	54.0	12.84	AV	82.00	300	Vertical	Pass
3	5502.200	97.53	-1.37	--	--	Peak	12.00	200	Vertical	N/A
3**	5502.200	89.56	-1.37	--	--	AV	12.00	200	Vertical	N/A
4	7453.962	50.10	-3.47	74.0	23.90	Peak	68.00	200	Vertical	Pass
4**	7453.962	40.12	-3.47	54.0	13.88	AV	68.00	200	Vertical	Pass
5	12616.313	53.90	1.85	74.0	20.10	Peak	339.00	150	Vertical	Pass
5**	12616.313	43.95	1.85	54.0	10.05	AV	339.00	150	Vertical	Pass
6	15858.787	56.52	0.99	74.0	17.48	Peak	270.00	400	Vertical	Pass
6**	15858.787	47.09	0.99	54.0	6.91	AV	270.00	400	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	1540.800	39.85	-16.95	74.0	34.15	Peak	53.00	200	Horizontal	Pass
1**	1540.800	29.52	-16.95	54.0	24.48	AV	53.00	200	Horizontal	Pass
2	4390.400	50.06	-3.30	74.0	23.94	Peak	136.00	400	Horizontal	Pass
2**	4390.400	41.16	-3.30	54.0	12.84	AV	136.00	400	Horizontal	Pass
3	5578.800	104.37	-1.61	--	--	Peak	268.00	150	Horizontal	N/A
3**	5578.800	97.49	-1.61	--	--	AV	268.00	150	Horizontal	N/A
4	7406.813	50.13	-3.77	74.0	23.87	Peak	143.00	100	Horizontal	Pass
4**	7406.813	40.29	-3.77	54.0	13.71	AV	143.00	100	Horizontal	Pass
5	12290.000	53.38	1.66	74.0	20.62	Peak	343.00	200	Horizontal	Pass
5**	12290.000	43.91	1.66	54.0	10.09	AV	343.00	200	Horizontal	Pass
6	16016.287	55.89	0.49	74.0	18.11	Peak	141.00	400	Horizontal	Pass
6**	16016.287	45.65	0.49	54.0	8.35	AV	141.00	400	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	1518.000	39.47	-17.18	74.0	34.53	Peak	199.00	400	Vertical	Pass
1**	1518.000	29.02	-17.18	54.0	24.98	AV	199.00	400	Vertical	Pass
2	4386.600	51.14	-3.30	74.0	22.86	Peak	222.00	300	Vertical	Pass
2**	4386.600	41.65	-3.30	54.0	12.35	AV	222.00	300	Vertical	Pass
3	5579.200	97.58	-1.63	--	--	Peak	234.00	150	Vertical	N/A
3**	5579.200	90.46	-1.63	--	--	AV	234.00	150	Vertical	N/A
4	7347.588	50.24	-3.70	74.0	23.76	Peak	244.00	200	Vertical	Pass
4**	7347.588	40.10	-3.70	54.0	13.90	AV	244.00	200	Vertical	Pass
5	12310.988	52.98	1.38	74.0	21.02	Peak	193.00	100	Vertical	Pass
5**	12310.988	43.85	1.38	54.0	10.15	AV	193.00	100	Vertical	Pass
6	15805.763	55.87	2.25	74.0	18.13	Peak	60.00	100	Vertical	Pass
6**	15805.763	47.37	2.25	54.0	6.63	AV	60.00	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	1538.200	39.74	-17.10	74.0	34.26	Peak	59.00	300	Horizontal	Pass
1**	1538.200	29.47	-17.10	54.0	24.53	AV	59.00	300	Horizontal	Pass
2	4385.400	50.34	-3.40	74.0	23.66	Peak	264.00	200	Horizontal	Pass
2**	4385.400	41.45	-3.40	54.0	12.55	AV	264.00	200	Horizontal	Pass
3	5699.200	102.75	-0.96	--	--	Peak	285.00	150	Horizontal	N/A
3**	5699.200	95.38	-0.96	--	--	AV	285.00	150	Horizontal	N/A
4	7375.763	50.01	-3.76	74.0	23.99	Peak	0.00	300	Horizontal	Pass
4**	7375.763	40.68	-3.76	54.0	13.32	AV	0.00	300	Horizontal	Pass
5	12302.650	53.10	1.43	74.0	20.90	Peak	135.00	150	Horizontal	Pass
5**	12302.650	45.08	1.43	54.0	8.92	AV	135.00	150	Horizontal	Pass
6	15819.675	55.79	1.89	74.0	18.21	Peak	78.00	200	Horizontal	Pass
6**	15819.675	46.38	1.89	54.0	7.62	AV	78.00	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	1531.600	39.60	-17.19	74.0	34.40	Peak	185.00	100	Vertical	Pass
1**	1531.600	30.27	-17.19	54.0	23.73	AV	185.00	100	Vertical	Pass
2	4386.200	50.50	-3.27	74.0	23.50	Peak	323.00	300	Vertical	Pass
2**	4386.200	41.38	-3.27	54.0	12.62	AV	323.00	300	Vertical	Pass
3	5701.600	96.44	-1.59	--	--	Peak	39.00	200	Vertical	N/A
3**	5701.600	89.90	-1.59	--	--	AV	39.00	200	Vertical	N/A
4	7346.438	49.95	-3.56	74.0	24.05	Peak	0.00	200	Vertical	Pass
4**	7346.438	41.05	-3.56	54.0	12.95	AV	0.00	200	Vertical	Pass
5	12281.662	53.40	1.79	74.0	20.60	Peak	11.00	100	Vertical	Pass
5**	12281.662	44.07	1.79	54.0	9.93	AV	11.00	100	Vertical	Pass
6	16040.700	54.60	0.79	74.0	19.40	Peak	0.00	100	Vertical	Pass
6**	16040.700	45.50	0.79	54.0	8.50	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.100	39.14	-16.78	74.0	34.86	Peak	0.00	200	Horizontal	Pass
1**	1487.100	30.10	-16.78	54.0	23.90	AV	0.00	200	Horizontal	Pass
2	4391.200	50.77	-3.40	74.0	23.23	Peak	41.00	300	Horizontal	Pass
2**	4391.200	41.31	-3.40	54.0	12.69	AV	41.00	300	Horizontal	Pass
3	5507.800	103.00	-0.95	--	--	Peak	265.00	100	Horizontal	N/A
3**	5507.800	95.78	-0.95	--	--	AV	265.00	100	Horizontal	N/A
4	7345.862	49.59	-3.52	74.0	24.41	Peak	101.00	200	Horizontal	Pass
4**	7345.862	40.41	-3.52	54.0	13.59	AV	101.00	200	Horizontal	Pass
5	12305.812	53.30	1.38	74.0	20.70	Peak	70.00	150	Horizontal	Pass
5**	12305.812	43.75	1.38	54.0	10.25	AV	70.00	150	Horizontal	Pass
6	15851.437	56.33	1.29	74.0	17.67	Peak	0.00	300	Horizontal	Pass
6**	15851.437	47.08	1.29	54.0	6.92	AV	0.00	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	1589.200	39.30	-17.17	74.0	34.70	Peak	200.00	300	Vertical	Pass
1**	1589.200	29.78	-17.17	54.0	24.22	AV	200.00	300	Vertical	Pass
2	4388.400	50.38	-3.40	74.0	23.62	Peak	83.00	200	Vertical	Pass
2**	4388.400	41.05	-3.40	54.0	12.95	AV	83.00	200	Vertical	Pass
3	5505.800	94.85	-1.04	--	--	Peak	19.00	200	Vertical	N/A
3**	5505.800	86.70	-1.04	--	--	AV	19.00	200	Vertical	N/A
4	7357.075	50.14	-3.81	74.0	23.86	Peak	360.00	300	Vertical	Pass
4**	7357.075	39.91	-3.81	54.0	14.09	AV	360.00	300	Vertical	Pass
5	12268.151	53.56	1.39	74.0	20.44	Peak	239.00	100	Vertical	Pass
5**	12268.151	43.24	1.39	54.0	10.76	AV	239.00	100	Vertical	Pass
6	15385.500	55.65	0.38	74.0	18.35	Peak	170.00	300	Vertical	Pass
6**	15385.500	45.36	0.38	54.0	8.64	AV	170.00	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	1509.300	39.73	-17.19	74.0	34.27	Peak	96.00	400	Horizontal	Pass
1**	1509.300	29.18	-17.19	54.0	24.82	AV	96.00	400	Horizontal	Pass
2	4378.800	50.44	-3.38	74.0	23.56	Peak	70.00	400	Horizontal	Pass
2**	4378.800	41.50	-3.38	54.0	12.50	AV	70.00	400	Horizontal	Pass
3	5588.200	101.73	-1.82	--	--	Peak	273.00	200	Horizontal	N/A
3**	5588.200	94.68	-1.82	--	--	AV	273.00	200	Horizontal	N/A
4	7338.100	49.83	-2.89	74.0	24.17	Peak	234.00	200	Horizontal	Pass
4**	7338.100	41.05	-2.89	54.0	12.95	AV	234.00	200	Horizontal	Pass
5	11909.638	53.08	1.54	74.0	20.92	Peak	218.00	150	Horizontal	Pass
5**	11909.638	43.53	1.54	54.0	10.47	AV	218.00	150	Horizontal	Pass
6	16026.526	55.66	0.69	74.0	18.34	Peak	53.00	200	Horizontal	Pass
6**	16026.526	46.82	0.69	54.0	7.18	AV	53.00	200	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	1542.300	39.41	-17.20	74.0	34.59	Peak	200.00	200	Vertical	Pass
1**	1542.300	29.51	-17.20	54.0	24.49	AV	200.00	200	Vertical	Pass
2	4284.400	50.69	-4.16	74.0	23.31	Peak	256.00	300	Vertical	Pass
2**	4284.400	40.55	-4.16	54.0	13.45	AV	256.00	300	Vertical	Pass
3	5592.600	93.05	-2.21	--	--	Peak	234.00	100	Vertical	N/A
3**	5592.600	85.89	-2.21	--	--	AV	234.00	100	Vertical	N/A
4	7365.700	49.41	-3.41	74.0	24.59	Peak	282.00	400	Vertical	Pass
4**	7365.700	40.78	-3.41	54.0	13.22	AV	282.00	400	Vertical	Pass
5	12697.675	53.52	0.84	74.0	20.48	Peak	331.00	100	Vertical	Pass
5**	12697.675	44.18	0.84	54.0	9.82	AV	331.00	100	Vertical	Pass
6	15825.188	55.83	1.64	74.0	18.17	Peak	129.00	100	Vertical	Pass
6**	15825.188	45.90	1.64	54.0	8.10	AV	129.00	100	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	1561.000	39.65	-16.84	74.0	34.35	Peak	229.00	200	Horizontal	Pass
1**	1561.000	29.60	-16.84	54.0	24.40	AV	229.00	200	Horizontal	Pass
2	4394.600	51.10	-3.87	74.0	22.90	Peak	48.00	400	Horizontal	Pass
2**	4394.600	41.15	-3.87	54.0	12.85	AV	48.00	400	Horizontal	Pass
3	5672.000	99.65	-2.27	--	--	Peak	269.00	150	Horizontal	N/A
3**	5672.000	92.27	-2.27	--	--	AV	269.00	150	Horizontal	N/A
4	7449.075	50.19	-3.24	74.0	23.81	Peak	137.00	400	Horizontal	Pass
4**	7449.075	40.80	-3.24	54.0	13.20	AV	137.00	400	Horizontal	Pass
5	11946.438	53.53	1.50	74.0	20.47	Peak	121.00	200	Horizontal	Pass
5**	11946.438	43.93	1.50	54.0	10.07	AV	121.00	200	Horizontal	Pass
6	15805.763	55.71	2.25	74.0	18.29	Peak	216.00	150	Horizontal	Pass
6**	15805.763	46.91	2.25	54.0	7.09	AV	216.00	150	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	1561.700	38.95	-16.78	74.0	35.05	Peak	193.00	300	Vertical	Pass
1**	1561.700	31.02	-16.78	54.0	22.98	AV	193.00	300	Vertical	Pass
2	4233.600	50.10	-3.94	74.0	23.90	Peak	257.00	300	Vertical	Pass
2**	4233.600	39.95	-3.94	54.0	14.05	AV	257.00	300	Vertical	Pass
3	5668.400	94.46	-2.58	--	--	Peak	40.00	150	Vertical	N/A
3**	5668.400	86.42	-2.58	--	--	AV	40.00	150	Vertical	N/A
4	7441.888	49.61	-3.39	74.0	24.39	Peak	51.00	100	Vertical	Pass
4**	7441.888	40.86	-3.39	54.0	13.14	AV	51.00	100	Vertical	Pass
5	12618.613	54.12	1.81	74.0	19.88	Peak	348.00	200	Vertical	Pass
5**	12618.613	43.86	1.81	54.0	10.14	AV	348.00	200	Vertical	Pass
6	16132.312	55.90	1.04	74.0	18.10	Peak	262.00	400	Vertical	Pass
6**	16132.312	46.42	1.04	54.0	7.58	AV	262.00	400	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	1521.300	39.68	-17.30	74.0	34.32	Peak	53.00	100	Horizontal	Pass
1**	1521.300	28.87	-17.30	54.0	25.13	AV	53.00	100	Horizontal	Pass
2	4381.200	50.70	-3.52	74.0	23.30	Peak	53.00	200	Horizontal	Pass
2**	4381.200	42.38	-3.52	54.0	11.62	AV	53.00	200	Horizontal	Pass
3	5536.400	99.70	-1.80	--	--	Peak	271.00	200	Horizontal	N/A
3**	5536.400	91.80	-1.80	--	--	AV	271.00	200	Horizontal	N/A
4	7452.525	49.99	-3.18	74.0	24.01	Peak	54.00	400	Horizontal	Pass
4**	7452.525	40.17	-3.18	54.0	13.83	AV	54.00	400	Horizontal	Pass
5	11416.287	53.33	-0.15	74.0	20.67	Peak	314.00	200	Horizontal	Pass
5**	11416.287	43.15	-0.15	54.0	10.85	AV	314.00	200	Horizontal	Pass
6	15796.312	56.46	2.21	74.0	17.54	Peak	130.00	200	Horizontal	Pass
6**	15796.312	47.46	2.21	54.0	6.54	AV	130.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.500	40.58	-16.78	74.0	33.42	Peak	236.00	100	Vertical	Pass
1**	1585.500	29.39	-16.78	54.0	24.61	AV	236.00	100	Vertical	Pass
2	4378.200	50.62	-3.44	74.0	23.38	Peak	312.00	200	Vertical	Pass
2**	4378.200	41.94	-3.44	54.0	12.06	AV	312.00	200	Vertical	Pass
3	5534.400	91.41	-2.08	--	--	Peak	17.00	150	Vertical	N/A
3**	5534.400	83.93	-2.08	--	--	AV	17.00	150	Vertical	N/A
4	7510.312	50.62	-3.17	74.0	23.38	Peak	96.00	100	Vertical	Pass
4**	7510.312	40.22	-3.17	54.0	13.78	AV	96.00	100	Vertical	Pass
5	12288.275	53.54	1.70	74.0	20.46	Peak	310.00	150	Vertical	Pass
5**	12288.275	44.07	1.70	54.0	9.93	AV	310.00	150	Vertical	Pass
6	15797.363	55.79	2.25	74.0	18.21	Peak	325.00	200	Vertical	Pass
6**	15797.363	47.57	2.25	54.0	6.43	AV	325.00	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	1540.700	39.54	-16.96	74.0	34.46	Peak	45.00	300	Horizontal	Pass
1**	1540.700	28.99	-16.96	54.0	25.01	AV	45.00	300	Horizontal	Pass
2	4377.000	51.46	-3.71	74.0	22.54	Peak	249.00	100	Horizontal	Pass
2**	4377.000	41.43	-3.71	54.0	12.57	AV	249.00	100	Horizontal	Pass
3	5604.000	97.90	-1.98	--	--	Peak	270.00	100	Horizontal	N/A
3**	5604.000	90.14	-1.98	--	--	AV	270.00	100	Horizontal	N/A
4	7333.788	49.79	-3.14	74.0	24.21	Peak	280.00	300	Horizontal	Pass
4**	7333.788	41.31	-3.14	54.0	12.69	AV	280.00	300	Horizontal	Pass
5	11939.826	53.91	1.69	74.0	20.09	Peak	298.00	200	Horizontal	Pass
5**	11939.826	44.43	1.69	54.0	9.57	AV	298.00	200	Horizontal	Pass
6	15651.412	56.47	1.18	74.0	17.53	Peak	360.00	100	Horizontal	Pass
6**	15651.412	46.39	1.18	54.0	7.61	AV	360.00	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	1506.100	39.38	-16.83	74.0	34.62	Peak	198.00	300	Vertical	Pass
1**	1506.100	30.14	-16.83	54.0	23.86	AV	198.00	300	Vertical	Pass
2	4387.200	51.27	-3.34	74.0	22.73	Peak	360.00	100	Vertical	Pass
2**	4387.200	42.05	-3.34	54.0	11.95	AV	360.00	100	Vertical	Pass
3	5603.600	90.82	-1.97	--	--	Peak	30.00	200	Vertical	N/A
3**	5603.600	82.59	-1.97	--	--	AV	30.00	200	Vertical	N/A
4	7508.875	49.89	-3.13	74.0	24.11	Peak	284.00	300	Vertical	Pass
4**	7508.875	40.81	-3.13	54.0	13.19	AV	284.00	300	Vertical	Pass
5	11338.375	53.55	0.30	74.0	20.45	Peak	299.00	200	Vertical	Pass
5**	11338.375	43.88	0.30	54.0	10.12	AV	299.00	200	Vertical	Pass
6	15518.325	56.32	1.39	74.0	17.68	Peak	257.00	400	Vertical	Pass
6**	15518.325	46.84	1.39	54.0	7.16	AV	257.00	400	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	1451.300	39.78	-17.05	74.0	34.22	Peak	68.00	400	Horizontal	Pass
1**	1451.300	29.69	-17.05	54.0	24.31	AV	68.00	400	Horizontal	Pass
2	4380.400	50.42	-3.39	74.0	23.58	Peak	313.00	100	Horizontal	Pass
2**	4380.400	42.31	-3.39	54.0	11.69	AV	313.00	100	Horizontal	Pass
3	5743.600	103.91	-2.09	--	--	Peak	281.00	200	Horizontal	N/A
3**	5743.600	96.34	-2.09	--	--	AV	281.00	200	Horizontal	N/A
4	7673.612	49.98	-2.31	74.0	24.02	Peak	360.00	400	Horizontal	Pass
4**	7673.612	40.69	-2.31	54.0	13.31	AV	360.00	400	Horizontal	Pass
5	12399.825	53.15	1.58	74.0	20.85	Peak	134.00	200	Horizontal	Pass
5**	12399.825	43.47	1.58	54.0	10.53	AV	134.00	200	Horizontal	Pass
6	15496.537	56.29	1.08	74.0	17.71	Peak	33.00	400	Horizontal	Pass
6**	15496.537	45.73	1.08	54.0	8.27	AV	33.00	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	1480.200	38.96	-17.16	74.0	35.04	Peak	56.00	400	Vertical	Pass
1**	1480.200	29.55	-17.16	54.0	24.45	AV	56.00	400	Vertical	Pass
2	4378.800	50.99	-3.38	74.0	23.01	Peak	107.00	400	Vertical	Pass
2**	4378.800	42.83	-3.38	54.0	11.17	AV	107.00	400	Vertical	Pass
3	5747.200	97.05	-2.21	--	--	Peak	44.00	150	Vertical	N/A
3**	5747.200	89.26	-2.21	--	--	AV	44.00	150	Vertical	N/A
4	7345.288	51.18	-3.50	74.0	22.82	Peak	144.00	200	Vertical	Pass
4**	7345.288	40.83	-3.50	54.0	13.17	AV	144.00	200	Vertical	Pass
5	12319.325	53.92	1.42	74.0	20.08	Peak	247.00	100	Vertical	Pass
5**	12319.325	44.12	1.42	54.0	9.88	AV	247.00	100	Vertical	Pass
6	16116.037	56.31	0.67	74.0	17.69	Peak	130.00	400	Vertical	Pass
6**	16116.037	46.51	0.67	54.0	7.49	AV	130.00	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	1574.900	39.01	-17.15	74.0	34.99	Peak	342.00	200	Horizontal	Pass
1**	1574.900	29.87	-17.15	54.0	24.13	AV	342.00	200	Horizontal	Pass
2	4390.400	50.69	-3.30	74.0	23.31	Peak	0.00	100	Horizontal	Pass
2**	4390.400	42.02	-3.30	54.0	11.98	AV	0.00	100	Horizontal	Pass
3	5782.200	104.14	-1.33	--	--	Peak	285.00	150	Horizontal	N/A
3**	5782.200	96.81	-1.33	--	--	AV	285.00	150	Horizontal	N/A
4	7341.263	49.92	-3.09	74.0	24.08	Peak	331.00	200	Horizontal	Pass
4**	7341.263	41.40	-3.09	54.0	12.60	AV	331.00	200	Horizontal	Pass
5	11934.937	53.79	1.69	74.0	20.21	Peak	331.00	100	Horizontal	Pass
5**	11934.937	43.90	1.69	54.0	10.10	AV	331.00	100	Horizontal	Pass
6	15796.838	55.97	2.23	74.0	18.03	Peak	206.00	300	Horizontal	Pass
6**	15796.838	46.57	2.23	54.0	7.43	AV	206.00	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	1624.200	39.40	-17.08	74.0	34.60	Peak	360.00	300	Vertical	Pass
1**	1624.200	29.40	-17.08	54.0	24.60	AV	360.00	300	Vertical	Pass
2	4390.000	52.04	-3.32	74.0	21.96	Peak	0.00	100	Vertical	Pass
2**	4390.000	42.19	-3.32	54.0	11.81	AV	0.00	100	Vertical	Pass
3	5783.800	97.73	-1.54	--	--	Peak	47.00	200	Vertical	N/A
3**	5783.800	90.20	-1.54	--	--	AV	47.00	200	Vertical	N/A
4	7337.812	50.09	-2.88	74.0	23.91	Peak	195.00	400	Vertical	Pass
4**	7337.812	41.23	-2.88	54.0	12.77	AV	195.00	400	Vertical	Pass
5	12244.862	53.42	1.02	74.0	20.58	Peak	195.00	200	Vertical	Pass
5**	12244.862	44.21	1.02	54.0	9.79	AV	195.00	200	Vertical	Pass
6	16116.300	56.15	0.66	74.0	17.85	Peak	358.00	400	Vertical	Pass
6**	16116.300	46.45	0.66	54.0	7.55	AV	358.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.700	39.18	-16.94	74.0	34.82	Peak	233.00	400	Horizontal	Pass
1**	1622.700	29.26	-16.94	54.0	24.74	AV	233.00	400	Horizontal	Pass
2	4387.200	51.04	-3.34	74.0	22.96	Peak	166.00	400	Horizontal	Pass
2**	4387.200	41.66	-3.34	54.0	12.34	AV	166.00	400	Horizontal	Pass
3	5826.200	105.57	-2.03	--	--	Peak	260.00	100	Horizontal	N/A
3**	5826.200	98.05	-2.03	--	--	AV	260.00	100	Horizontal	N/A
4	7332.350	50.25	-3.24	74.0	23.75	Peak	125.00	200	Horizontal	Pass
4**	7332.350	40.72	-3.24	54.0	13.28	AV	125.00	200	Horizontal	Pass
5	12272.463	53.27	1.53	74.0	20.73	Peak	207.00	200	Horizontal	Pass
5**	12272.463	44.18	1.53	54.0	9.82	AV	207.00	200	Horizontal	Pass
6	16034.925	56.18	0.75	74.0	17.82	Peak	300.00	300	Horizontal	Pass
6**	16034.925	47.13	0.75	54.0	6.87	AV	300.00	300	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	1623.100	39.35	-16.99	74.0	34.65	Peak	360.00	300	Vertical	Pass
1**	1623.100	29.91	-16.99	54.0	24.09	AV	360.00	300	Vertical	Pass
2	4392.800	51.27	-3.61	74.0	22.73	Peak	245.00	400	Vertical	Pass
2**	4392.800	41.31	-3.61	54.0	12.69	AV	245.00	400	Vertical	Pass
3	5822.600	96.64	-2.13	--	--	Peak	37.00	150	Vertical	N/A
3**	5822.600	88.91	-2.13	--	--	AV	37.00	150	Vertical	N/A
4	7359.088	50.09	-3.76	74.0	23.91	Peak	249.00	400	Vertical	Pass
4**	7359.088	39.86	-3.76	54.0	14.14	AV	249.00	400	Vertical	Pass
5	12231.925	53.52	1.25	74.0	20.48	Peak	328.00	200	Vertical	Pass
5**	12231.925	44.57	1.25	54.0	9.43	AV	328.00	200	Vertical	Pass
6	15683.174	56.03	1.49	74.0	17.97	Peak	163.00	300	Vertical	Pass
6**	15683.174	46.78	1.49	54.0	7.22	AV	163.00	300	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	1509.300	40.32	-17.19	74.0	33.68	Peak	0.00	300	Horizontal	Pass
1**	1509.300	29.50	-17.19	54.0	24.50	AV	0.00	300	Horizontal	Pass
2	4387.800	51.04	-3.38	74.0	22.96	Peak	213.00	400	Horizontal	Pass
2**	4387.800	41.47	-3.38	54.0	12.53	AV	213.00	400	Horizontal	Pass
3	5746.200	104.99	-2.21	--	--	Peak	246.00	100	Horizontal	N/A
3**	5746.200	98.13	-2.21	--	--	AV	246.00	100	Horizontal	N/A
4	7610.650	50.12	-2.91	74.0	23.88	Peak	182.00	300	Horizontal	Pass
4**	7610.650	40.42	-2.91	54.0	13.58	AV	182.00	300	Horizontal	Pass
5	12683.300	53.71	0.85	74.0	20.29	Peak	269.00	200	Horizontal	Pass
5**	12683.300	43.72	0.85	54.0	10.28	AV	269.00	200	Horizontal	Pass
6	15628.313	56.40	1.71	74.0	17.60	Peak	247.00	100	Horizontal	Pass
6**	15628.313	47.45	1.71	54.0	6.55	AV	247.00	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	1543.800	40.42	-17.28	74.0	33.58	Peak	112.00	200	Vertical	Pass
1**	1543.800	29.39	-17.28	54.0	24.61	AV	112.00	200	Vertical	Pass
2	4366.200	50.71	-3.86	74.0	23.29	Peak	93.00	200	Vertical	Pass
2**	4366.200	41.36	-3.86	54.0	12.64	AV	93.00	200	Vertical	Pass
3	5743.600	95.42	-2.09	--	--	Peak	29.00	150	Vertical	N/A
3**	5743.600	87.68	-2.09	--	--	AV	29.00	150	Vertical	N/A
4	7346.150	50.09	-3.53	74.0	23.91	Peak	233.00	200	Vertical	Pass
4**	7346.150	41.52	-3.53	54.0	12.48	AV	233.00	200	Vertical	Pass
5	12287.700	53.20	1.72	74.0	20.80	Peak	0.00	100	Vertical	Pass
5**	12287.700	44.46	1.72	54.0	9.54	AV	0.00	100	Vertical	Pass
6	15661.125	55.98	1.29	74.0	18.02	Peak	59.00	400	Vertical	Pass
6**	15661.125	46.82	1.29	54.0	7.18	AV	59.00	400	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	1516.400	39.53	-17.17	74.0	34.47	Peak	14.00	100	Horizontal	Pass
1**	1516.400	28.56	-17.17	54.0	25.44	AV	14.00	100	Horizontal	Pass
2	4381.400	50.38	-3.56	74.0	23.62	Peak	64.00	300	Horizontal	Pass
2**	4381.400	41.89	-3.56	54.0	12.11	AV	64.00	300	Horizontal	Pass
3	5786.400	105.65	-1.65	--	--	Peak	260.00	100	Horizontal	N/A
3**	5786.400	98.91	-1.65	--	--	AV	260.00	100	Horizontal	N/A
4	7333.788	49.84	-3.14	74.0	24.16	Peak	112.00	400	Horizontal	Pass
4**	7333.788	40.94	-3.14	54.0	13.06	AV	112.00	400	Horizontal	Pass
5	11501.388	53.35	0.01	74.0	20.65	Peak	13.00	150	Horizontal	Pass
5**	11501.388	43.26	0.01	54.0	10.74	AV	13.00	150	Horizontal	Pass
6	16039.388	55.84	0.79	74.0	18.16	Peak	360.00	400	Horizontal	Pass
6**	16039.388	45.99	0.79	54.0	8.01	AV	360.00	400	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	1584.400	40.23	-16.97	74.0	33.77	Peak	127.00	400	Vertical	Pass
1**	1584.400	29.54	-16.97	54.0	24.46	AV	127.00	400	Vertical	Pass
2	3677.000	50.07	-5.21	74.0	23.93	Peak	46.00	200	Vertical	Pass
2**	3677.000	40.43	-5.21	54.0	13.57	AV	46.00	200	Vertical	Pass
3	5782.600	95.30	-1.38	--	--	Peak	340.00	200	Vertical	N/A
3**	5782.600	87.51	-1.38	--	--	AV	340.00	200	Vertical	N/A
4	7725.362	49.79	-2.45	74.0	24.21	Peak	86.00	100	Vertical	Pass
4**	7725.362	40.62	-2.45	54.0	13.38	AV	86.00	100	Vertical	Pass
5	12413.912	53.21	1.42	74.0	20.79	Peak	0.00	100	Vertical	Pass
5**	12413.912	45.48	1.42	54.0	8.52	AV	0.00	100	Vertical	Pass
6	15846.713	56.57	1.36	74.0	17.43	Peak	0.00	200	Vertical	Pass
6**	15846.713	47.21	1.36	54.0	6.79	AV	0.00	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	1535.700	40.71	-17.01	74.0	33.29	Peak	0.00	400	Horizontal	Pass
1**	1535.700	29.43	-17.01	54.0	24.57	AV	0.00	400	Horizontal	Pass
2	4307.000	50.52	-4.30	74.0	23.48	Peak	61.00	200	Horizontal	Pass
2**	4307.000	41.14	-4.30	54.0	12.86	AV	61.00	200	Horizontal	Pass
3	5823.600	105.47	-2.13	--	--	Peak	262.00	100	Horizontal	N/A
3**	5823.600	97.82	-2.13	--	--	AV	262.00	100	Horizontal	N/A
4	7503.125	49.56	-3.06	74.0	24.44	Peak	34.00	100	Horizontal	Pass
4**	7503.125	40.53	-3.06	54.0	13.47	AV	34.00	100	Horizontal	Pass
5	12486.075	53.33	1.65	74.0	20.67	Peak	158.00	200	Horizontal	Pass
5**	12486.075	43.71	1.65	54.0	10.29	AV	158.00	200	Horizontal	Pass
6	16100.550	56.22	1.18	74.0	17.78	Peak	83.00	400	Horizontal	Pass
6**	16100.550	46.98	1.18	54.0	7.02	AV	83.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.100	40.57	-16.98	74.0	33.43	Peak	134.00	200	Vertical	Pass
1**	1587.100	29.77	-16.98	54.0	24.23	AV	134.00	200	Vertical	Pass
2	4387.200	50.91	-3.34	74.0	23.09	Peak	360.00	400	Vertical	Pass
2**	4387.200	41.61	-3.34	54.0	12.39	AV	360.00	400	Vertical	Pass
3	5824.000	95.85	-2.13	--	--	Peak	292.00	150	Vertical	N/A
3**	5824.000	88.33	-2.13	--	--	AV	292.00	150	Vertical	N/A
4	7446.200	50.15	-3.13	74.0	23.85	Peak	259.00	100	Vertical	Pass
4**	7446.200	40.43	-3.13	54.0	13.57	AV	259.00	100	Vertical	Pass
5	11804.412	53.05	0.87	74.0	20.95	Peak	358.00	200	Vertical	Pass
5**	11804.412	42.51	0.87	54.0	11.49	AV	358.00	200	Vertical	Pass
6	15810.224	56.44	2.16	74.0	17.56	Peak	192.00	400	Vertical	Pass
6**	15810.224	47.22	2.16	54.0	6.78	AV	192.00	400	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	1623.400	41.03	-17.02	74.0	32.97	Peak	42.00	300	Horizontal	Pass
1**	1623.400	29.15	-17.02	54.0	24.85	AV	42.00	300	Horizontal	Pass
2	4361.000	50.23	-4.05	74.0	23.77	Peak	140.00	200	Horizontal	Pass
2**	4361.000	41.51	-4.05	54.0	12.49	AV	140.00	200	Horizontal	Pass
3	5756.600	102.32	-1.86	--	--	Peak	245.00	150	Horizontal	N/A
3**	5756.600	94.68	-1.86	--	--	AV	245.00	150	Horizontal	N/A
4	7627.325	49.80	-2.75	74.0	24.20	Peak	15.00	200	Horizontal	Pass
4**	7627.325	40.41	-2.75	54.0	13.59	AV	15.00	200	Horizontal	Pass
5	12519.425	53.37	1.49	74.0	20.63	Peak	53.00	100	Horizontal	Pass
5**	12519.425	43.24	1.49	54.0	10.76	AV	53.00	100	Horizontal	Pass
6	15843.299	56.74	1.39	74.0	17.26	Peak	217.00	200	Horizontal	Pass
6**	15843.299	46.98	1.39	54.0	7.02	AV	217.00	200	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	1536.200	40.09	-16.95	74.0	33.91	Peak	109.00	200	Vertical	Pass
1**	1536.200	29.93	-16.95	54.0	24.07	AV	109.00	200	Vertical	Pass
2	4373.000	50.69	-3.89	74.0	23.31	Peak	0.00	400	Vertical	Pass
2**	4373.000	41.98	-3.89	54.0	12.02	AV	0.00	400	Vertical	Pass
3	5759.600	91.79	-1.63	--	--	Peak	27.00	150	Vertical	N/A
3**	5759.600	84.26	-1.63	--	--	AV	27.00	150	Vertical	N/A
4	7333.500	50.11	-3.12	74.0	23.89	Peak	28.00	400	Vertical	Pass
4**	7333.500	41.22	-3.12	54.0	12.78	AV	28.00	400	Vertical	Pass
5	12281.375	53.39	1.80	74.0	20.61	Peak	0.00	100	Vertical	Pass
5**	12281.375	44.36	1.80	54.0	9.64	AV	0.00	100	Vertical	Pass
6	16028.625	56.30	0.70	74.0	17.70	Peak	156.00	400	Vertical	Pass
6**	16028.625	46.74	0.70	54.0	7.26	AV	156.00	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	1550.400	39.61	-17.22	74.0	34.39	Peak	130.00	200	Horizontal	Pass
1**	1550.400	28.96	-17.22	54.0	25.04	AV	130.00	200	Horizontal	Pass
2	4352.800	50.95	-4.38	74.0	23.05	Peak	360.00	200	Horizontal	Pass
2**	4352.800	40.70	-4.38	54.0	13.30	AV	360.00	200	Horizontal	Pass
3	5793.400	102.67	-1.80	--	--	Peak	270.00	200	Horizontal	N/A
3**	5793.400	95.35	-1.80	--	--	AV	270.00	200	Horizontal	N/A
4	7511.175	49.72	-3.20	74.0	24.28	Peak	260.00	200	Horizontal	Pass
4**	7511.175	40.66	-3.20	54.0	13.34	AV	260.00	200	Horizontal	Pass
5	12312.138	53.45	1.38	74.0	20.55	Peak	224.00	200	Horizontal	Pass
5**	12312.138	44.90	1.38	54.0	9.10	AV	224.00	200	Horizontal	Pass
6	15817.838	56.39	1.96	74.0	17.61	Peak	360.00	200	Horizontal	Pass
6**	15817.838	47.61	1.96	54.0	6.39	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.500	40.05	-17.17	74.0	33.95	Peak	101.00	400	Vertical	Pass
1**	1533.500	29.41	-17.17	54.0	24.59	AV	101.00	400	Vertical	Pass
2	4380.600	51.35	-3.42	74.0	22.65	Peak	167.00	300	Vertical	Pass
2**	4380.600	41.77	-3.42	54.0	12.23	AV	167.00	300	Vertical	Pass
3	5799.200	91.68	-1.64	--	--	Peak	341.00	200	Vertical	N/A
3**	5799.200	83.75	-1.64	--	--	AV	341.00	200	Vertical	N/A
4	7319.125	49.81	-3.01	74.0	24.19	Peak	261.00	400	Vertical	Pass
4**	7319.125	40.83	-3.01	54.0	13.17	AV	261.00	400	Vertical	Pass
5	12696.237	53.44	0.83	74.0	20.56	Peak	15.00	150	Vertical	Pass
5**	12696.237	44.01	0.83	54.0	9.99	AV	15.00	150	Vertical	Pass
6	15791.325	55.98	2.05	74.0	18.02	Peak	116.00	200	Vertical	Pass
6**	15791.325	46.96	2.05	54.0	7.04	AV	116.00	200	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	1529.900	40.51	-17.18	74.0	33.49	Peak	360.00	100	Horizontal	Pass
1**	1529.900	29.94	-17.18	54.0	24.06	AV	360.00	100	Horizontal	Pass
2	4380.000	50.33	-3.32	74.0	23.67	Peak	82.00	100	Horizontal	Pass
2**	4380.000	43.03	-3.32	54.0	10.97	AV	82.00	100	Horizontal	Pass
3	5747.400	104.99	-2.21	--	--	Peak	258.00	150	Horizontal	N/A
3**	5747.400	98.07	-2.21	--	--	AV	258.00	150	Horizontal	N/A
4	7615.538	49.36	-2.67	74.0	24.64	Peak	254.00	400	Horizontal	Pass
4**	7615.538	41.02	-2.67	54.0	12.98	AV	254.00	400	Horizontal	Pass
5	12442.375	53.83	1.79	74.0	20.17	Peak	59.00	100	Horizontal	Pass
5**	12442.375	43.57	1.79	54.0	10.43	AV	59.00	100	Horizontal	Pass
6	15805.763	56.06	2.25	74.0	17.94	Peak	236.00	100	Horizontal	Pass
6**	15805.763	47.02	2.25	54.0	6.98	AV	236.00	100	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	1573.700	39.47	-17.10	74.0	34.53	Peak	128.00	300	Vertical	Pass
1**	1573.700	29.72	-17.10	54.0	24.28	AV	128.00	300	Vertical	Pass
2	4343.600	50.94	-3.66	74.0	23.06	Peak	215.00	400	Vertical	Pass
2**	4343.600	41.69	-3.66	54.0	12.31	AV	215.00	400	Vertical	Pass
3	5743.800	95.09	-2.07	--	--	Peak	338.00	200	Vertical	N/A
3**	5743.800	86.76	-2.07	--	--	AV	338.00	200	Vertical	N/A
4	7724.500	49.84	-2.42	74.0	24.16	Peak	314.00	400	Vertical	Pass
4**	7724.500	41.64	-2.42	54.0	12.36	AV	314.00	400	Vertical	Pass
5	11963.112	53.14	0.88	74.0	20.86	Peak	246.00	200	Vertical	Pass
5**	11963.112	43.67	0.88	54.0	10.33	AV	246.00	200	Vertical	Pass
6	15675.037	56.00	1.54	74.0	18.00	Peak	245.00	400	Vertical	Pass
6**	15675.037	46.35	1.54	54.0	7.65	AV	245.00	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	1488.300	40.28	-16.80	74.0	33.72	Peak	58.00	400	Horizontal	Pass
1**	1488.300	29.85	-16.80	54.0	24.15	AV	58.00	400	Horizontal	Pass
2	4362.000	50.39	-4.20	74.0	23.61	Peak	58.00	300	Horizontal	Pass
2**	4362.000	41.57	-4.20	54.0	12.43	AV	58.00	300	Horizontal	Pass
3	5783.600	106.20	-1.51	--	--	Peak	262.00	100	Horizontal	N/A
3**	5783.600	99.30	-1.51	--	--	AV	262.00	100	Horizontal	N/A
4	7503.413	49.60	-3.05	74.0	24.40	Peak	302.00	200	Horizontal	Pass
4**	7503.413	40.91	-3.05	54.0	13.09	AV	302.00	200	Horizontal	Pass
5	10934.725	53.19	-0.01	74.0	20.81	Peak	70.00	200	Horizontal	Pass
5**	10934.725	43.77	-0.01	54.0	10.23	AV	70.00	200	Horizontal	Pass
6	16178.250	56.09	1.44	74.0	17.91	Peak	159.00	400	Horizontal	Pass
6**	16178.250	46.31	1.44	54.0	7.69	AV	159.00	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	1531.200	40.38	-17.20	74.0	33.62	Peak	112.00	300	Vertical	Pass
1**	1531.200	29.50	-17.20	54.0	24.50	AV	112.00	300	Vertical	Pass
2	4384.000	50.44	-3.64	74.0	23.56	Peak	181.00	200	Vertical	Pass
2**	4384.000	42.55	-3.64	54.0	11.45	AV	181.00	200	Vertical	Pass
3	5782.200	95.05	-1.33	--	--	Peak	340.00	200	Vertical	N/A
3**	5782.200	87.02	-1.33	--	--	AV	340.00	200	Vertical	N/A
4	7338.962	49.98	-2.92	74.0	24.02	Peak	302.00	200	Vertical	Pass
4**	7338.962	41.00	-2.92	54.0	13.00	AV	302.00	200	Vertical	Pass
5	10937.026	53.06	-0.03	74.0	20.94	Peak	51.00	200	Vertical	Pass
5**	10937.026	43.45	-0.03	54.0	10.55	AV	51.00	200	Vertical	Pass
6	15827.287	56.12	1.57	74.0	17.88	Peak	260.00	100	Vertical	Pass
6**	15827.287	46.34	1.57	54.0	7.66	AV	260.00	100	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	1487.500	39.70	-16.81	74.0	34.30	Peak	360.00	100	Horizontal	Pass
1**	1487.500	29.71	-16.81	54.0	24.29	AV	360.00	100	Horizontal	Pass
2	4387.000	50.05	-3.33	74.0	23.95	Peak	135.00	400	Horizontal	Pass
2**	4387.000	41.63	-3.33	54.0	12.37	AV	135.00	400	Horizontal	Pass
3	5823.200	105.58	-2.13	--	--	Peak	260.00	150	Horizontal	N/A
3**	5823.200	98.07	-2.13	--	--	AV	260.00	150	Horizontal	N/A
4	7405.375	50.58	-3.74	74.0	23.42	Peak	33.00	100	Horizontal	Pass
4**	7405.375	39.93	-3.74	54.0	14.07	AV	33.00	100	Horizontal	Pass
5	12392.063	53.73	1.58	74.0	20.27	Peak	237.00	100	Horizontal	Pass
5**	12392.063	43.58	1.58	54.0	10.42	AV	237.00	100	Horizontal	Pass
6	15835.162	56.30	1.45	74.0	17.70	Peak	0.00	100	Horizontal	Pass
6**	15835.162	47.01	1.45	54.0	6.99	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	1575.700	40.64	-17.25	74.0	33.36	Peak	115.00	300	Vertical	Pass
1**	1575.700	28.93	-17.25	54.0	25.07	AV	115.00	300	Vertical	Pass
2	4362.400	50.13	-4.26	74.0	23.87	Peak	5.00	300	Vertical	Pass
2**	4362.400	41.10	-4.26	54.0	12.90	AV	5.00	300	Vertical	Pass
3	5826.800	95.49	-2.00	--	--	Peak	301.00	150	Vertical	N/A
3**	5826.800	87.65	-2.00	--	--	AV	301.00	150	Vertical	N/A
4	7361.388	50.33	-3.82	74.0	23.67	Peak	309.00	200	Vertical	Pass
4**	7361.388	39.72	-3.82	54.0	14.28	AV	309.00	200	Vertical	Pass
5	12317.025	53.66	1.41	74.0	20.34	Peak	0.00	150	Vertical	Pass
5**	12317.025	44.28	1.41	54.0	9.72	AV	0.00	150	Vertical	Pass
6	15804.450	56.02	2.28	74.0	17.98	Peak	213.00	300	Vertical	Pass
6**	15804.450	47.19	2.28	54.0	6.81	AV	213.00	300	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	1624.200	39.72	-17.08	74.0	34.28	Peak	15.00	400	Horizontal	Pass
1**	1624.200	29.85	-17.08	54.0	24.15	AV	15.00	400	Horizontal	Pass
2	4379.200	50.56	-3.34	74.0	23.44	Peak	360.00	200	Horizontal	Pass
2**	4379.200	41.73	-3.34	54.0	12.27	AV	360.00	200	Horizontal	Pass
3	5752.000	102.26	-2.01	--	--	Peak	261.00	100	Horizontal	N/A
3**	5752.000	94.80	-2.01	--	--	AV	261.00	100	Horizontal	N/A
4	7625.312	50.07	-2.86	74.0	23.93	Peak	196.00	300	Horizontal	Pass
4**	7625.312	40.86	-2.86	54.0	13.14	AV	196.00	300	Horizontal	Pass
5	11933.500	53.62	1.65	74.0	20.38	Peak	310.00	100	Horizontal	Pass
5**	11933.500	43.56	1.65	54.0	10.44	AV	310.00	100	Horizontal	Pass
6	15793.950	56.23	2.13	74.0	17.77	Peak	129.00	400	Horizontal	Pass
6**	15793.950	47.27	2.13	54.0	6.73	AV	129.00	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	1551.100	40.07	-17.10	74.0	33.93	Peak	107.00	400	Vertical	Pass
1**	1551.100	29.91	-17.10	54.0	24.09	AV	107.00	400	Vertical	Pass
2	4358.400	50.39	-4.15	74.0	23.61	Peak	139.00	200	Vertical	Pass
2**	4358.400	41.45	-4.15	54.0	12.55	AV	139.00	200	Vertical	Pass
3	5757.200	92.18	-1.77	--	--	Peak	21.00	150	Vertical	N/A
3**	5757.200	85.11	-1.77	--	--	AV	21.00	150	Vertical	N/A
4	7342.987	50.80	-3.31	74.0	23.20	Peak	318.00	300	Vertical	Pass
4**	7342.987	40.44	-3.31	54.0	13.56	AV	318.00	300	Vertical	Pass
5	12266.424	53.68	1.34	74.0	20.32	Peak	222.00	200	Vertical	Pass
5**	12266.424	44.40	1.34	54.0	9.60	AV	222.00	200	Vertical	Pass
6	15799.987	56.21	2.33	74.0	17.79	Peak	146.00	200	Vertical	Pass
6**	15799.987	47.21	2.33	54.0	6.79	AV	146.00	200	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	1584.100	39.75	-17.02	74.0	34.25	Peak	27.00	200	Horizontal	Pass
1**	1584.100	28.98	-17.02	54.0	25.02	AV	27.00	200	Horizontal	Pass
2	4360.600	50.72	-4.00	74.0	23.28	Peak	45.00	400	Horizontal	Pass
2**	4360.600	41.67	-4.00	54.0	12.33	AV	45.00	400	Horizontal	Pass
3	5792.200	102.79	-1.87	--	--	Peak	265.00	200	Horizontal	N/A
3**	5792.200	94.98	-1.87	--	--	AV	265.00	200	Horizontal	N/A
4	7324.875	49.57	-3.47	74.0	24.43	Peak	48.00	400	Horizontal	Pass
4**	7324.875	41.38	-3.47	54.0	12.62	AV	48.00	400	Horizontal	Pass
5	12436.338	53.31	1.72	74.0	20.69	Peak	170.00	150	Horizontal	Pass
5**	12436.338	43.64	1.72	54.0	10.36	AV	170.00	150	Horizontal	Pass
6	15814.950	56.76	2.06	74.0	17.24	Peak	204.00	300	Horizontal	Pass
6**	15814.950	46.71	2.06	54.0	7.29	AV	204.00	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	1568.300	40.29	-17.17	74.0	33.71	Peak	98.00	400	Vertical	Pass
1**	1568.300	29.28	-17.17	54.0	24.72	AV	98.00	400	Vertical	Pass
2	4379.200	51.23	-3.34	74.0	22.77	Peak	352.00	200	Vertical	Pass
2**	4379.200	42.15	-3.34	54.0	11.85	AV	352.00	200	Vertical	Pass
3	5791.400	91.31	-1.89	--	--	Peak	342.00	100	Vertical	N/A
3**	5791.400	84.17	-1.89	--	--	AV	342.00	100	Vertical	N/A
4	7604.325	50.56	-2.86	74.0	23.44	Peak	341.00	300	Vertical	Pass
4**	7604.325	40.34	-2.86	54.0	13.66	AV	341.00	300	Vertical	Pass
5	11949.887	54.13	1.40	74.0	19.87	Peak	49.00	150	Vertical	Pass
5**	11949.887	43.91	1.40	54.0	10.09	AV	49.00	150	Vertical	Pass
6	16042.537	56.55	0.77	74.0	17.45	Peak	343.00	400	Vertical	Pass
6**	16042.537	46.90	0.77	54.0	7.10	AV	343.00	400	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	1502.500	39.69	-17.05	74.0	34.31	Peak	51.00	400	Horizontal	Pass
1**	1502.500	29.67	-17.05	54.0	24.33	AV	51.00	400	Horizontal	Pass
2	4355.800	49.94	-4.18	74.0	24.06	Peak	352.00	400	Horizontal	Pass
2**	4355.800	41.22	-4.18	54.0	12.78	AV	352.00	400	Horizontal	Pass
3	5771.800	100.38	-1.97	--	--	Peak	239.00	200	Horizontal	N/A
3**	5771.800	92.51	-1.97	--	--	AV	239.00	200	Horizontal	N/A
4	7337.238	49.85	-2.96	74.0	24.15	Peak	236.00	300	Horizontal	Pass
4**	7337.238	40.31	-2.96	54.0	13.69	AV	236.00	300	Horizontal	Pass
5	11621.276	53.30	-0.06	74.0	20.70	Peak	77.00	150	Horizontal	Pass
5**	11621.276	43.59	-0.06	54.0	10.41	AV	77.00	150	Horizontal	Pass
6	16029.412	56.18	0.71	74.0	17.82	Peak	253.00	300	Horizontal	Pass
6**	16029.412	46.99	0.71	54.0	7.01	AV	253.00	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	1530.900	40.31	-17.20	74.0	33.69	Peak	103.00	200	Vertical	Pass
1**	1530.900	30.39	-17.20	54.0	23.61	AV	103.00	200	Vertical	Pass
2	4386.800	50.72	-3.31	74.0	23.28	Peak	65.00	200	Vertical	Pass
2**	4386.800	42.17	-3.31	54.0	11.83	AV	65.00	200	Vertical	Pass
3	5775.000	89.41	-2.09	--	--	Peak	340.00	100	Vertical	N/A
3**	5775.000	77.07	-2.09	--	--	AV	340.00	100	Vertical	N/A
4	7547.400	50.06	-2.74	74.0	23.94	Peak	360.00	300	Vertical	Pass
4**	7547.400	40.19	-2.74	54.0	13.81	AV	360.00	300	Vertical	Pass
5	12445.250	53.94	1.82	74.0	20.06	Peak	51.00	150	Vertical	Pass
5**	12445.250	44.05	1.82	54.0	9.95	AV	51.00	150	Vertical	Pass
6	15665.588	56.26	1.35	74.0	17.74	Peak	301.00	400	Vertical	Pass
6**	15665.588	47.45	1.35	54.0	6.55	AV	301.00	400	Vertical	Pass

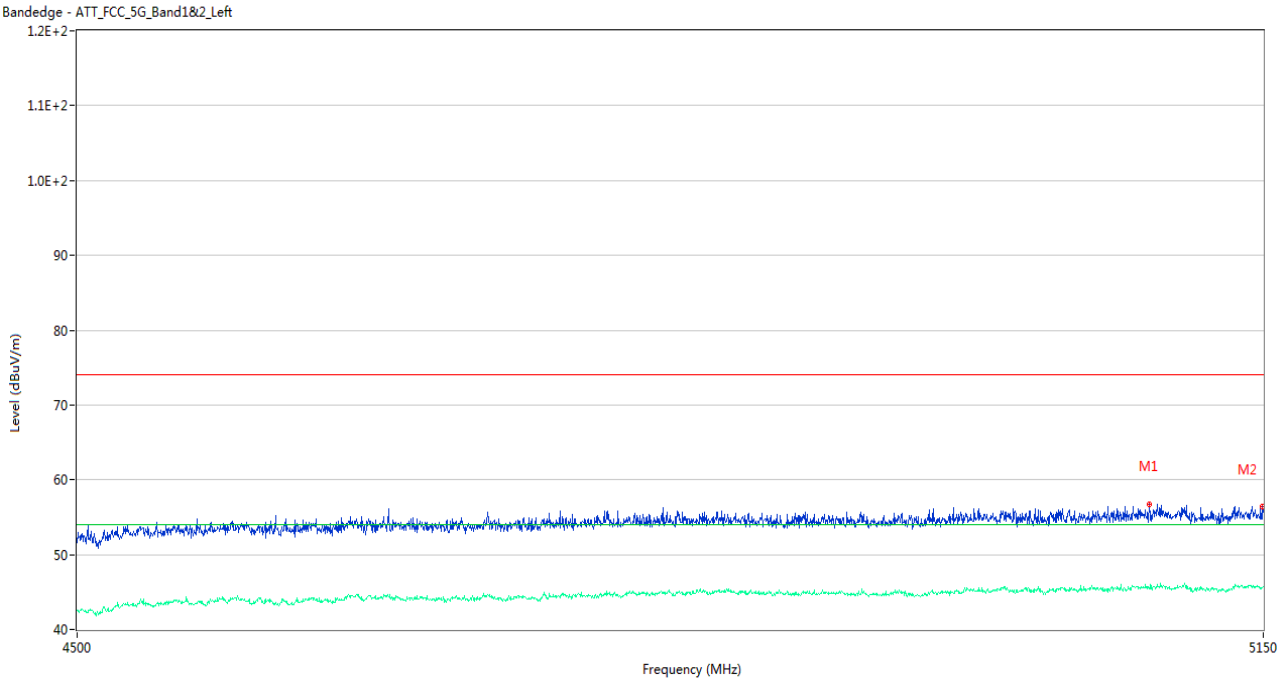
A.6.2 Band Edge (Restricted-band)

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

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

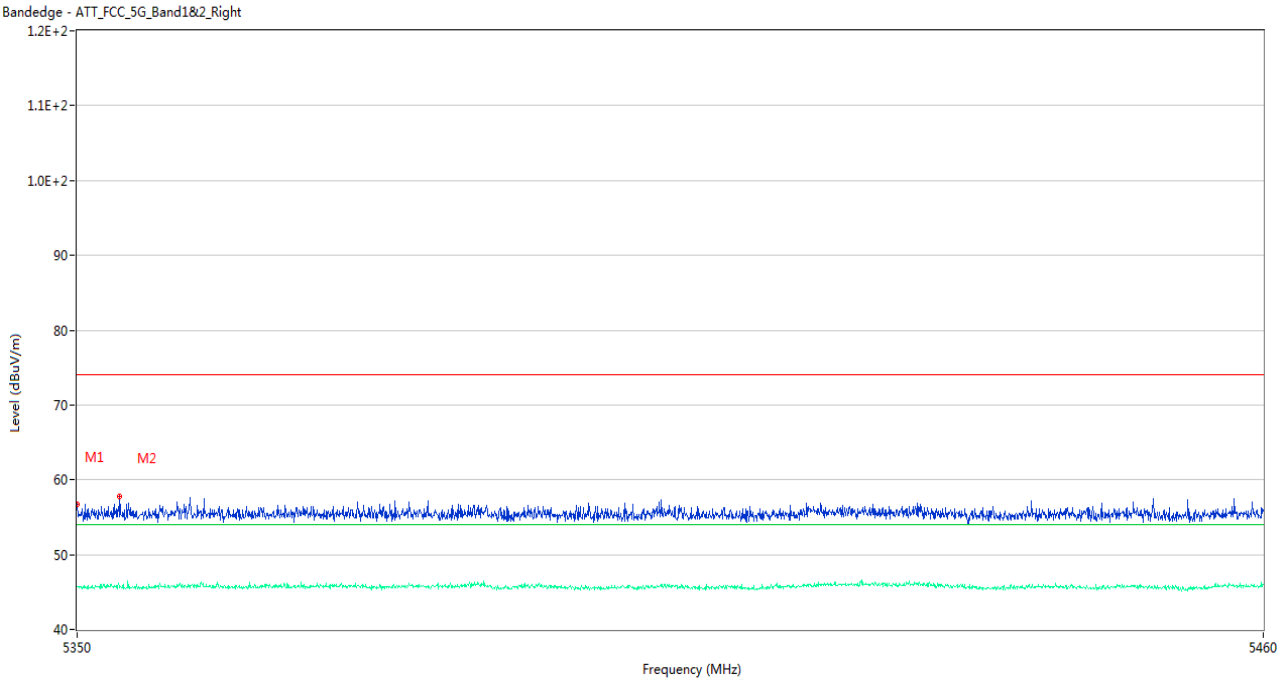
Test Data and Plots

U-NII-1 11a Low Channel



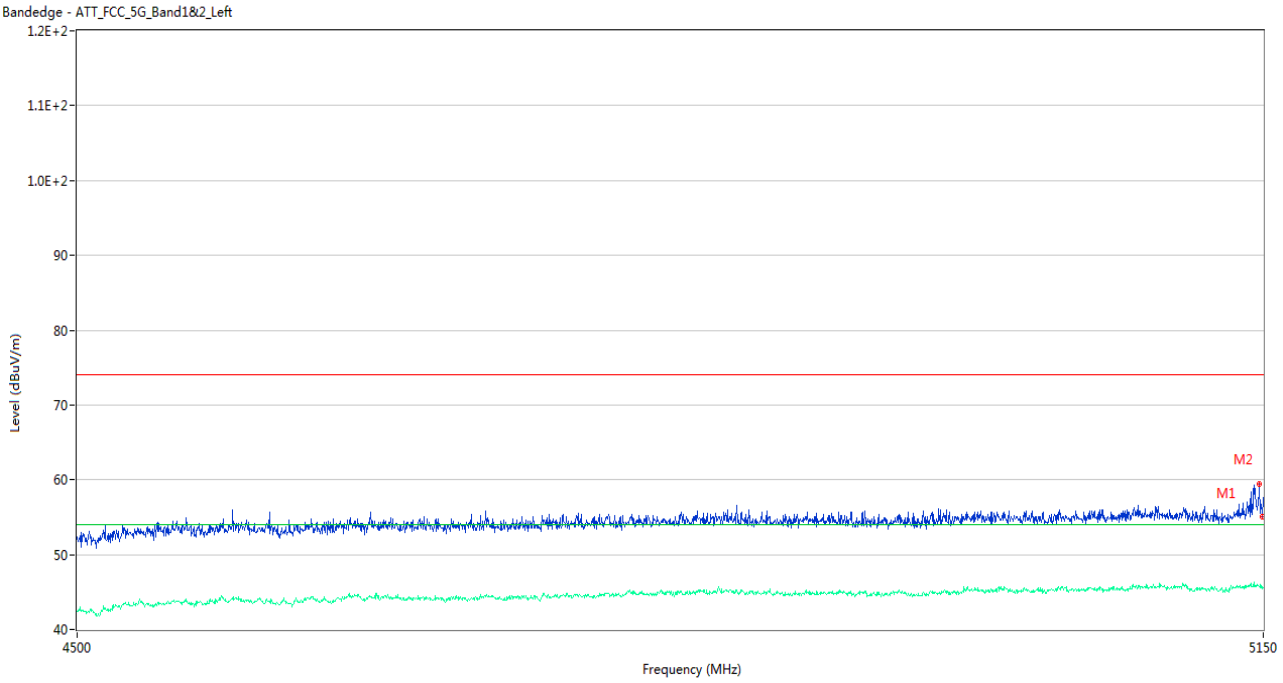
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5083.375	56.78	2.25	74.0	17.22	Peak	27.00	200	Horizontal	Pass
1**	5083.375	45.45	2.25	54.0	8.55	AV	27.00	200	Horizontal	Pass
2	5149.675	56.36	2.07	74.0	17.64	Peak	201.00	100	Horizontal	Pass
2**	5149.675	45.64	2.07	54.0	8.36	AV	201.00	100	Horizontal	Pass

U-NII-1 11a High Channel



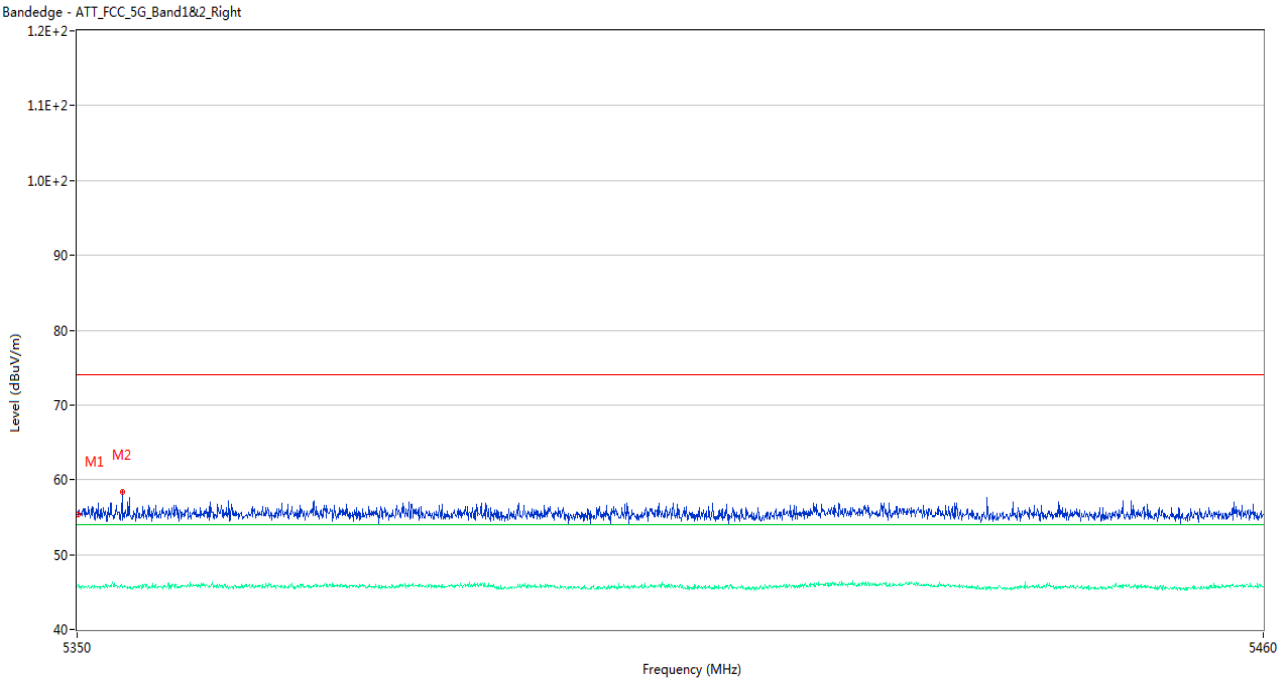
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.77	1.93	74.0	17.23	Peak	306.00	150	Horizontal	Pass
1**	5350.000	45.65	1.93	54.0	8.35	AV	306.00	150	Horizontal	Pass
2	5353.905	57.71	2.11	74.0	16.29	Peak	248.00	100	Horizontal	Pass
2**	5353.905	45.63	2.11	54.0	8.37	AV	248.00	100	Horizontal	Pass

U-NII-1 11n20 Low Channel



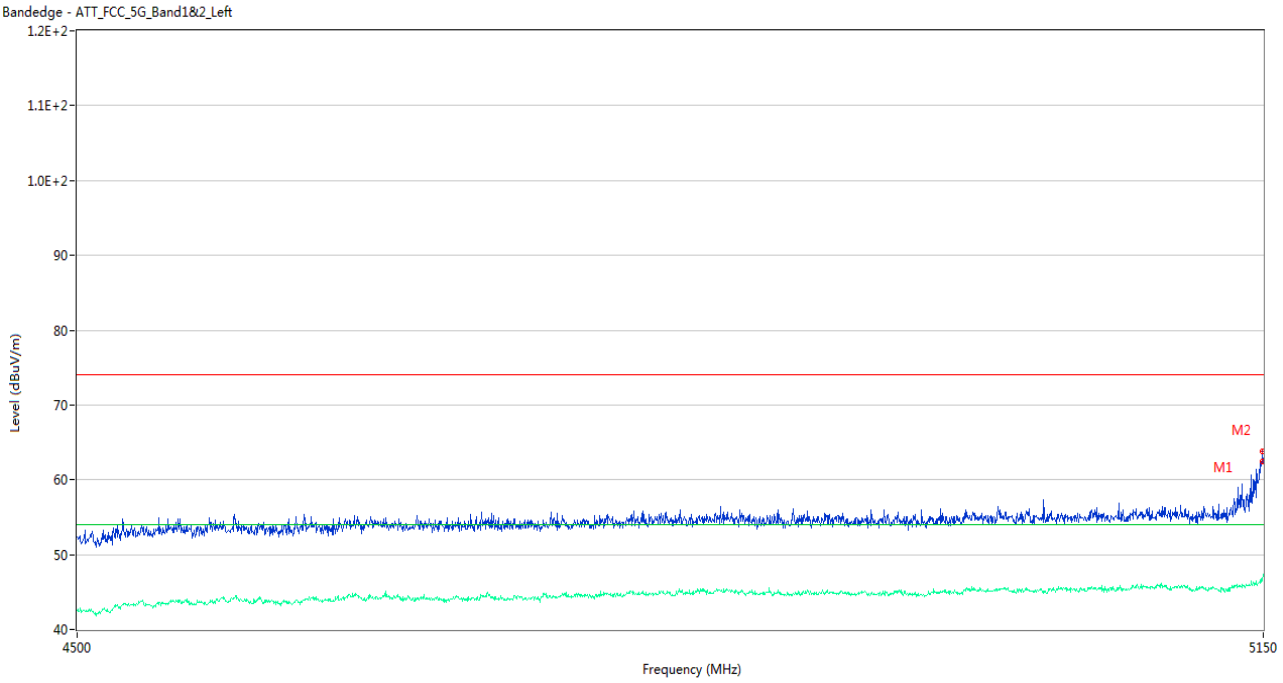
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.725	59.47	2.18	74.0	14.53	Peak	274.00	100	Horizontal	Pass
1**	5147.725	45.70	2.18	54.0	8.30	AV	274.00	100	Horizontal	Pass
2	5149.675	55.09	2.07	74.0	18.91	Peak	56.00	100	Horizontal	Pass
2**	5149.675	45.76	2.07	54.0	8.24	AV	56.00	100	Horizontal	Pass

U-NII-1 11n20 High Channel



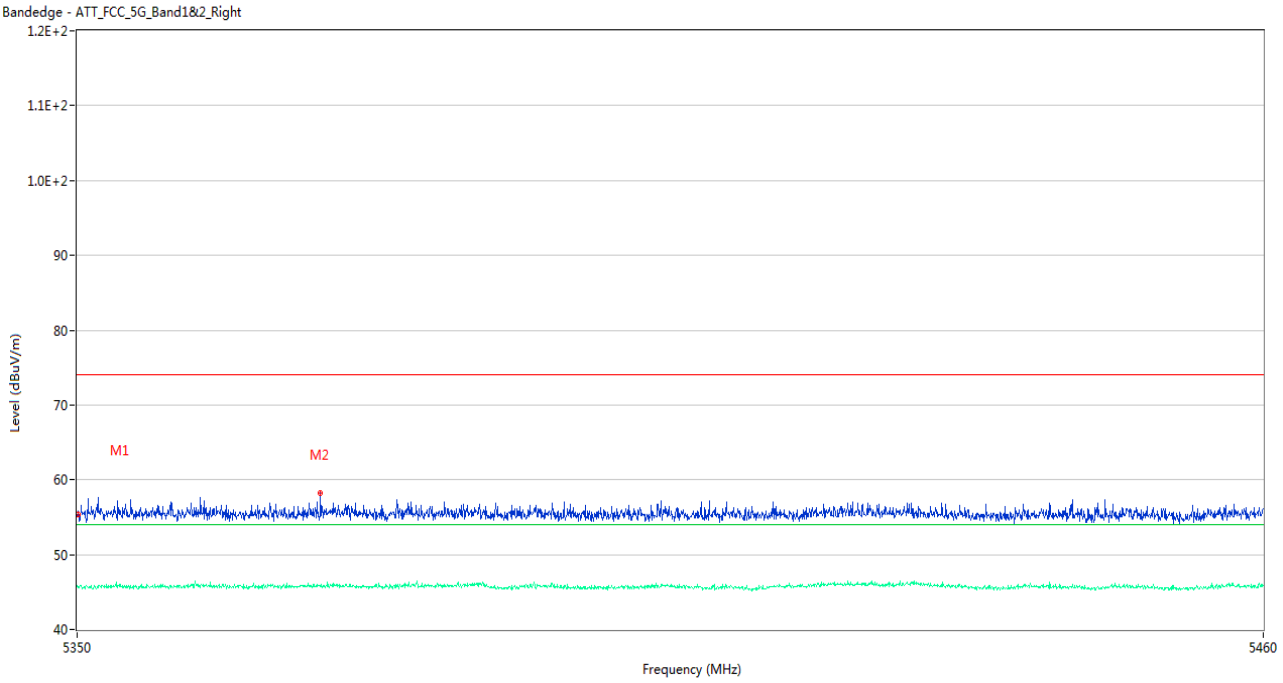
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.44	1.93	74.0	18.56	Peak	79.00	100	Horizontal	Pass
1**	5350.055	45.89	1.93	54.0	8.11	AV	79.00	100	Horizontal	Pass
2	5354.125	58.36	2.10	74.0	15.64	Peak	278.00	100	Horizontal	Pass
2**	5354.125	45.64	2.10	54.0	8.36	AV	278.00	100	Horizontal	Pass

U-NII-1 11n40 Low Channel



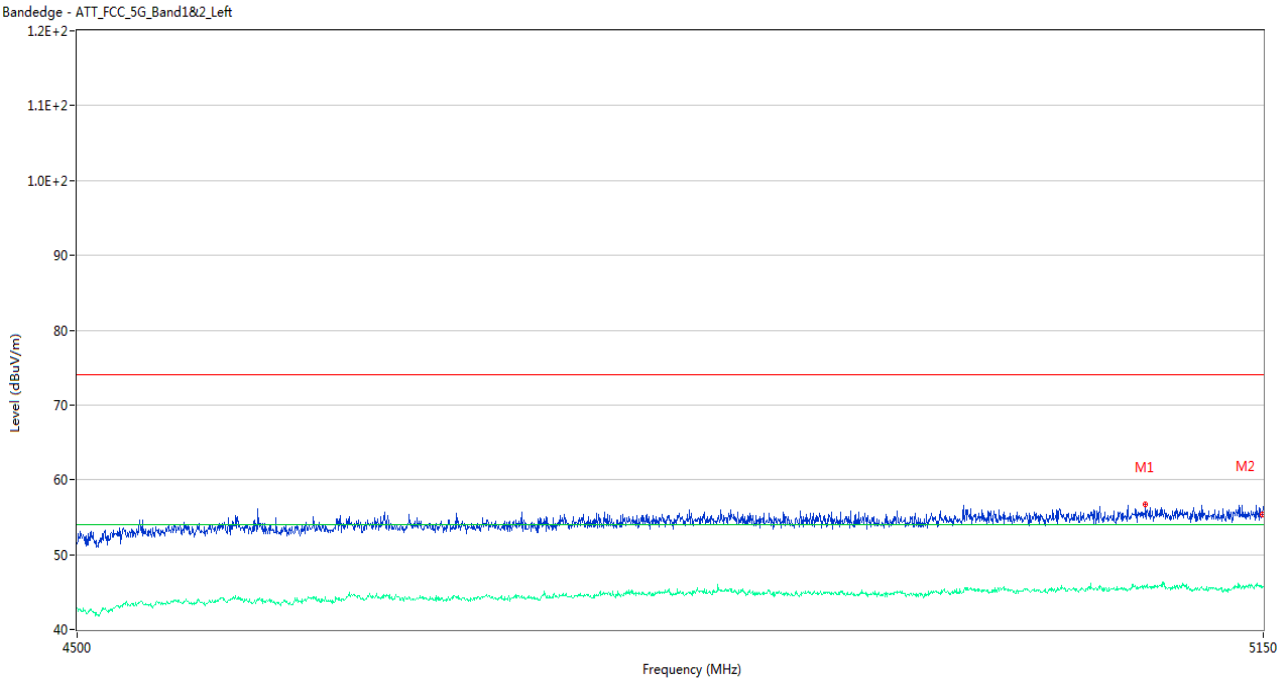
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	62.47	2.05	74.0	11.53	Peak	46.00	150	Horizontal	Pass
1**	5149.350	46.50	2.05	54.0	7.50	AV	46.00	150	Horizontal	Pass
2	5149.675	63.75	2.07	74.0	10.25	Peak	266.00	200	Horizontal	Pass
2**	5149.675	46.49	2.07	54.0	7.51	AV	266.00	200	Horizontal	Pass

U-NII-1 11n40 High Channel



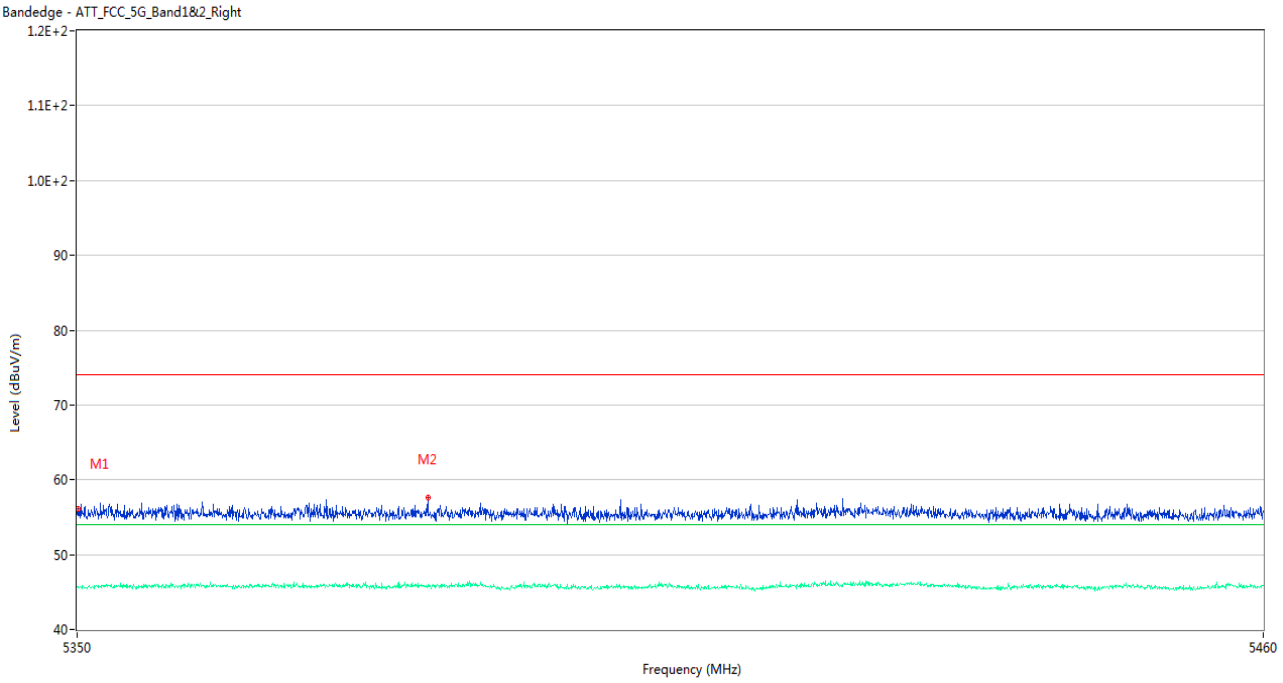
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.36	1.93	74.0	18.64	Peak	349.00	150	Horizontal	Pass
1**	5350.055	45.63	1.93	54.0	8.37	AV	349.00	150	Horizontal	Pass
2	5372.385	58.28	2.26	74.0	15.72	Peak	264.00	100	Horizontal	Pass
2**	5372.385	45.83	2.26	54.0	8.17	AV	264.00	100	Horizontal	Pass

U-NII-1 11ac20 Low Channel



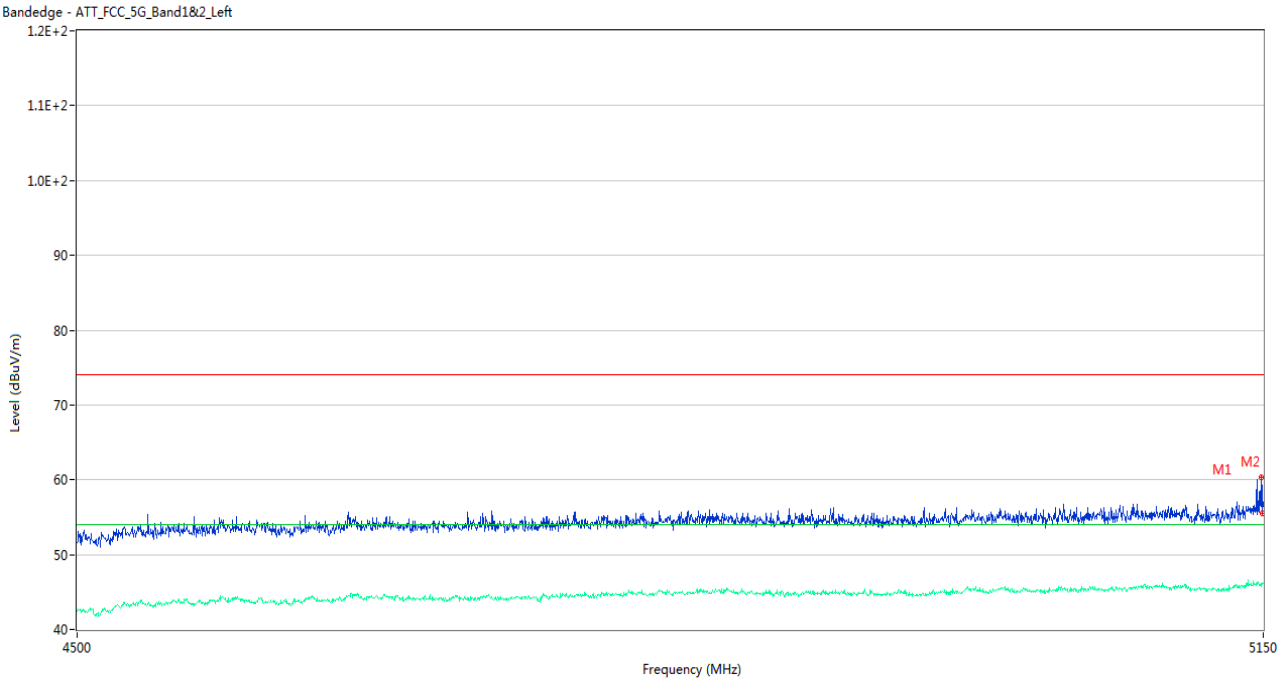
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5081.425	56.74	2.37	74.0	17.26	Peak	219.00	200	Horizontal	Pass
1**	5081.425	45.70	2.37	54.0	8.30	AV	219.00	200	Horizontal	Pass
2	5149.675	55.37	2.07	74.0	18.63	Peak	282.00	100	Horizontal	Pass
2**	5149.675	45.55	2.07	54.0	8.45	AV	282.00	100	Horizontal	Pass

U-NII-1 11ac20 High Channel



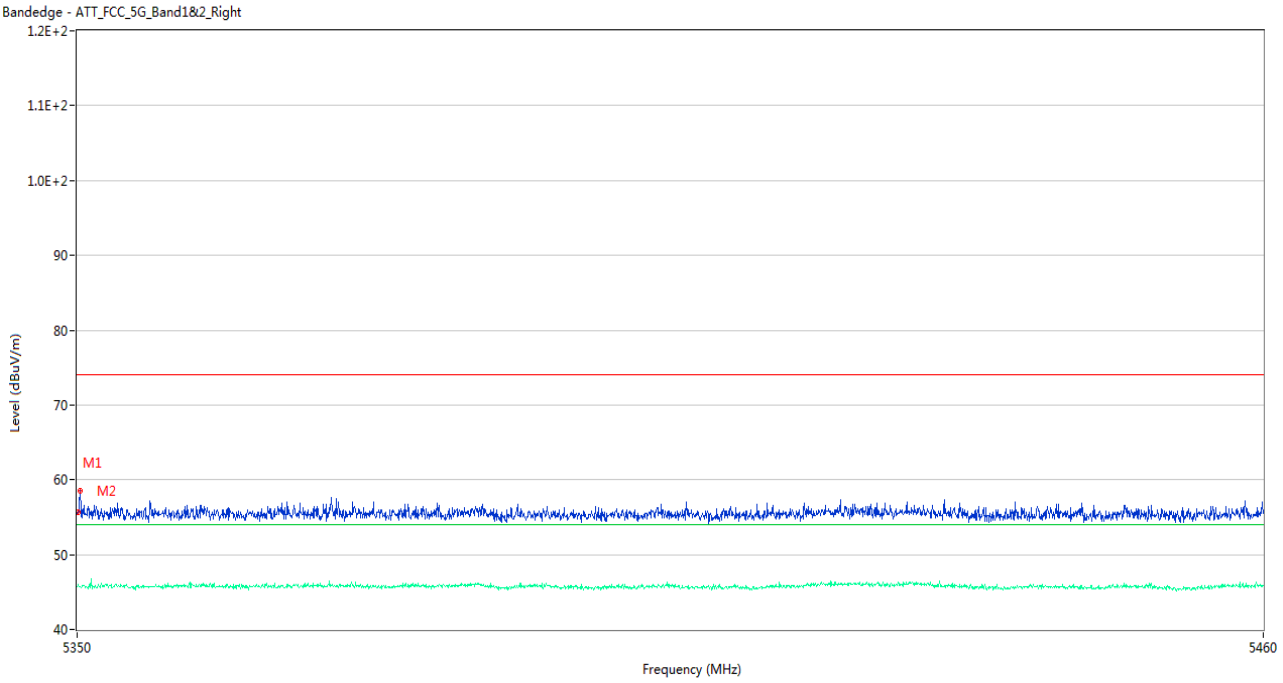
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.09	1.93	74.0	17.91	Peak	311.00	200	Horizontal	Pass
1**	5350.055	45.65	1.93	54.0	8.35	AV	311.00	200	Horizontal	Pass
2	5382.285	57.70	2.19	74.0	16.30	Peak	284.00	100	Horizontal	Pass
2**	5382.285	46.00	2.19	54.0	8.00	AV	284.00	100	Horizontal	Pass

U-NII-1 11ac40 Low Channel



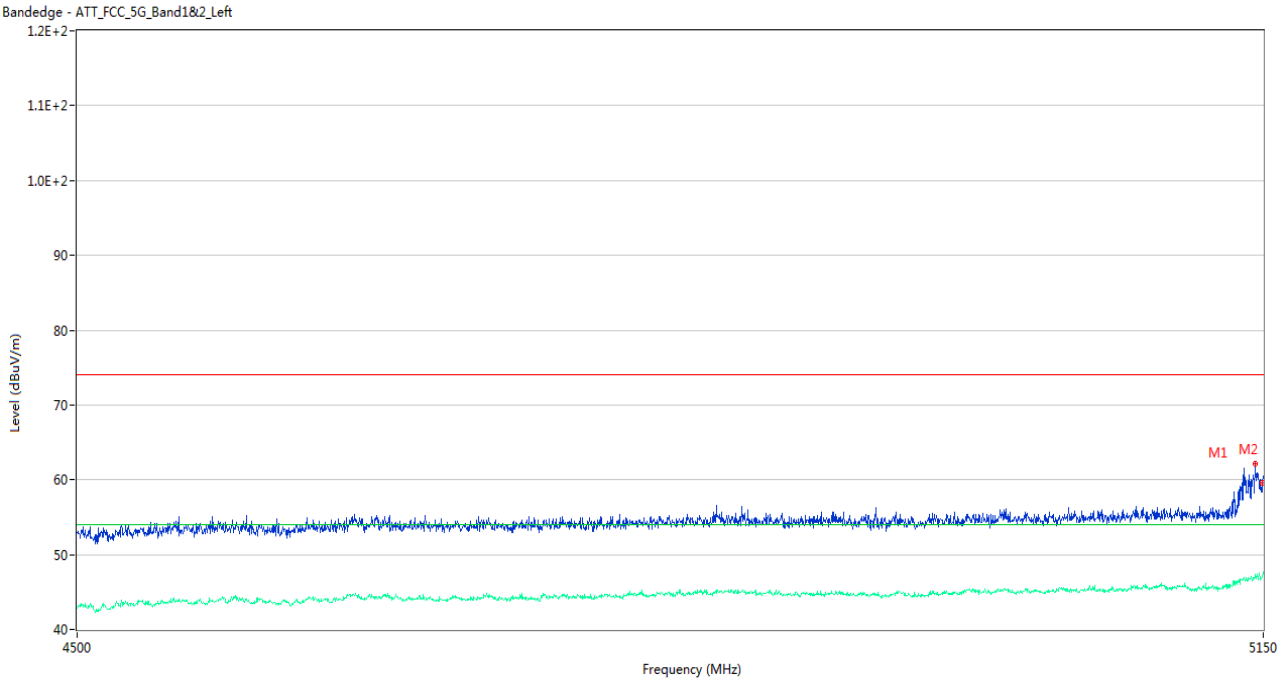
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	60.28	2.02	74.0	13.72	Peak	244.00	100	Horizontal	Pass
1**	5149.025	46.23	2.02	54.0	7.77	AV	244.00	100	Horizontal	Pass
2	5149.675	55.47	2.07	74.0	18.53	Peak	264.00	100	Horizontal	Pass
2**	5149.675	46.03	2.07	54.0	7.97	AV	264.00	100	Horizontal	Pass

U-NII-1 11ac40 High Channel



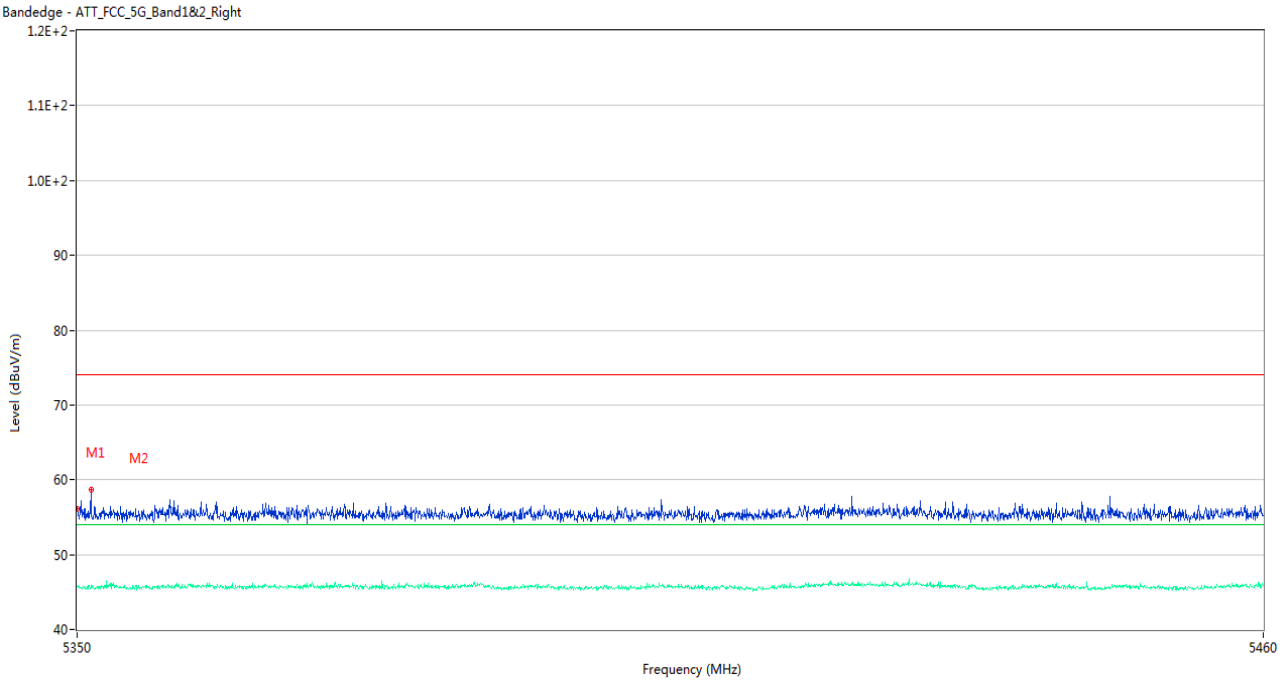
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.63	1.93	74.0	18.37	Peak	0.00	100	Horizontal	Pass
1**	5350.055	45.89	1.93	54.0	8.11	AV	0.00	100	Horizontal	Pass
2	5350.275	58.47	1.92	74.0	15.53	Peak	346.00	100	Horizontal	Pass
2**	5350.275	45.68	1.92	54.0	8.32	AV	346.00	100	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



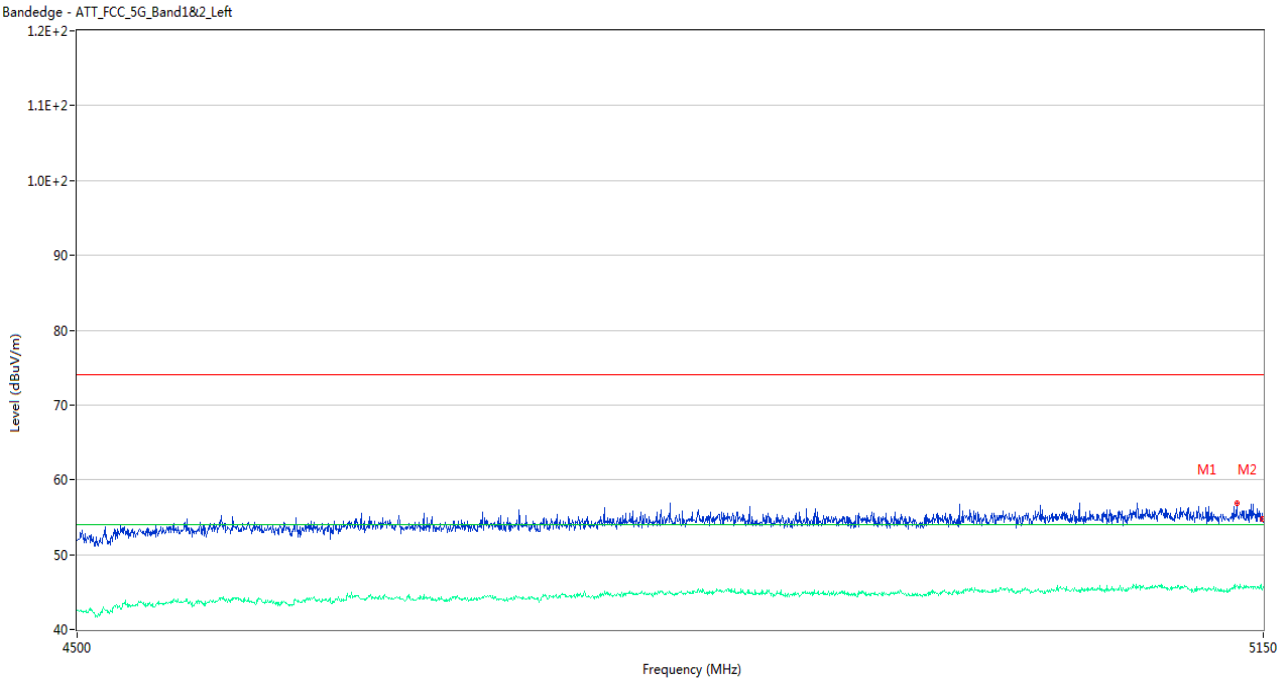
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.125	62.17	2.26	74.0	11.83	Peak	269.00	200	Horizontal	Pass
1**	5145.125	46.89	2.26	54.0	7.11	AV	269.00	200	Horizontal	Pass
2	5149.675	59.62	2.07	74.0	14.38	Peak	50.00	200	Horizontal	Pass
2**	5149.675	46.95	2.07	54.0	7.05	AV	50.00	200	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



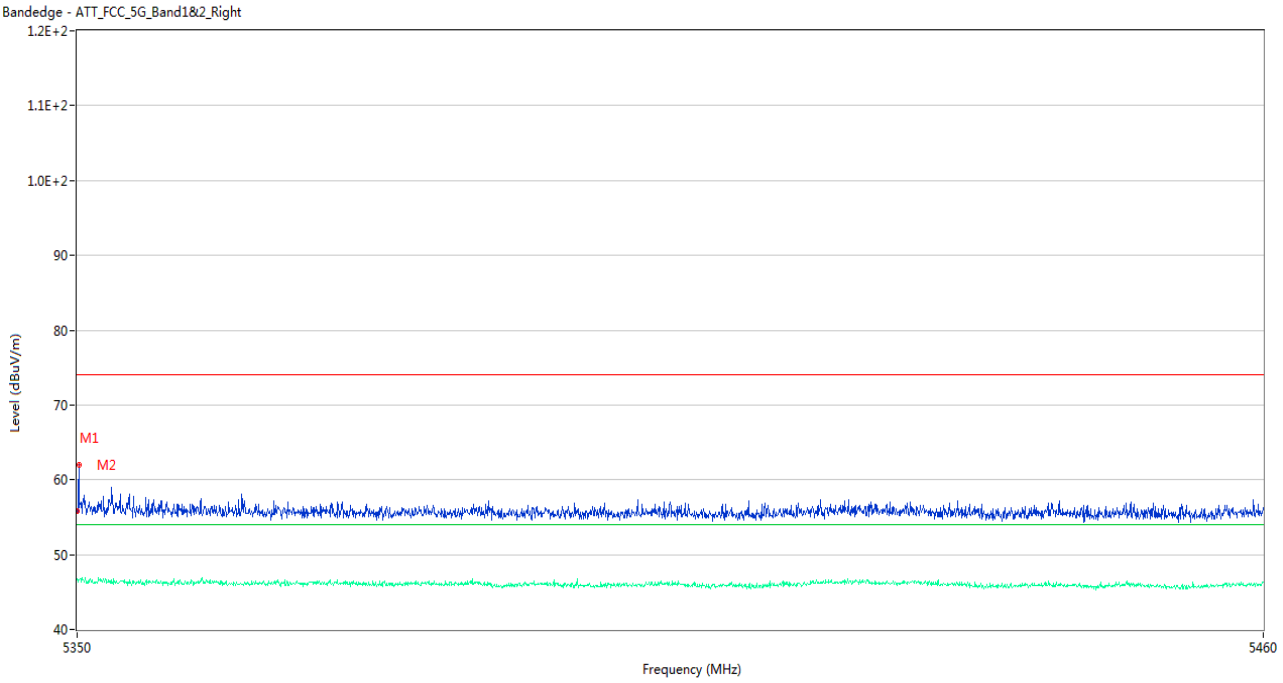
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.11	1.93	74.0	17.89	Peak	289.00	150	Horizontal	Pass
1**	5350.000	45.68	1.93	54.0	8.32	AV	289.00	150	Horizontal	Pass
2	5351.265	58.69	1.94	74.0	15.31	Peak	264.00	200	Horizontal	Pass
2**	5351.265	45.53	1.94	54.0	8.47	AV	264.00	200	Horizontal	Pass

U-NII-2A 11a Low Channel



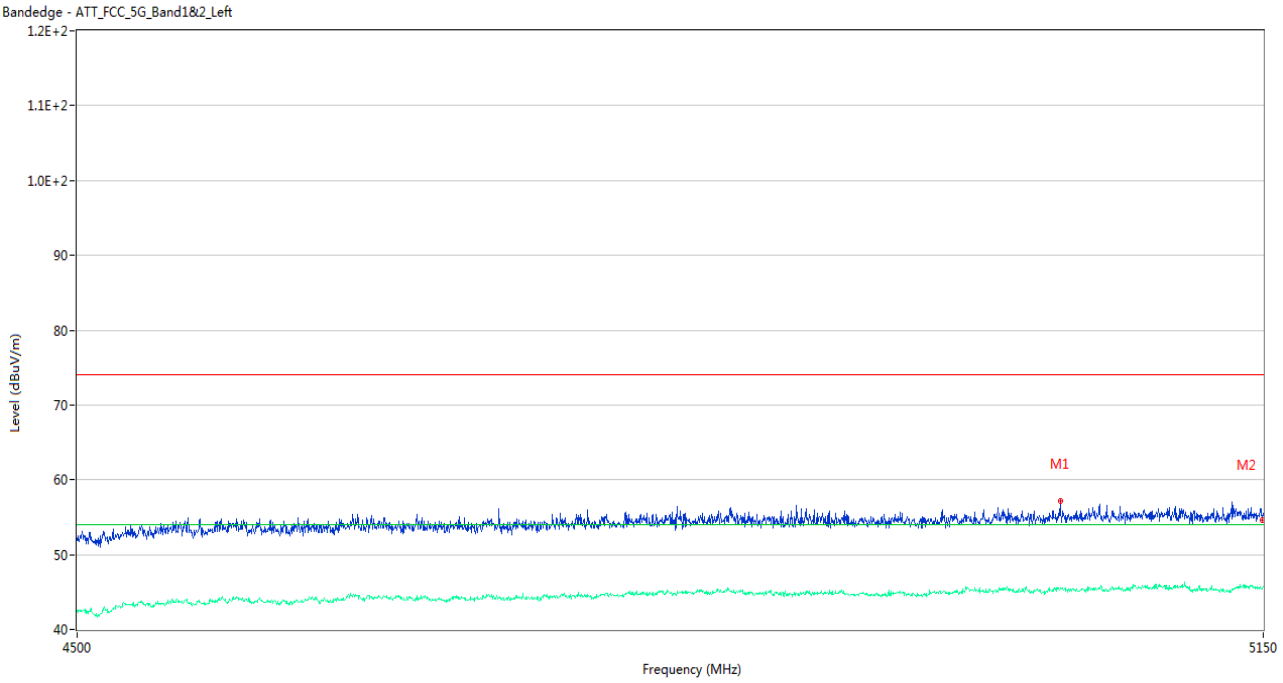
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5134.400	56.93	2.43	74.0	17.07	Peak	144.00	200	Horizontal	Pass
1**	5134.400	45.90	2.43	54.0	8.10	AV	144.00	200	Horizontal	Pass
2	5149.675	54.77	2.07	74.0	19.23	Peak	187.00	150	Horizontal	Pass
2**	5149.675	45.33	2.07	54.0	8.67	AV	187.00	150	Horizontal	Pass

U-NII-2A 11a High Channel



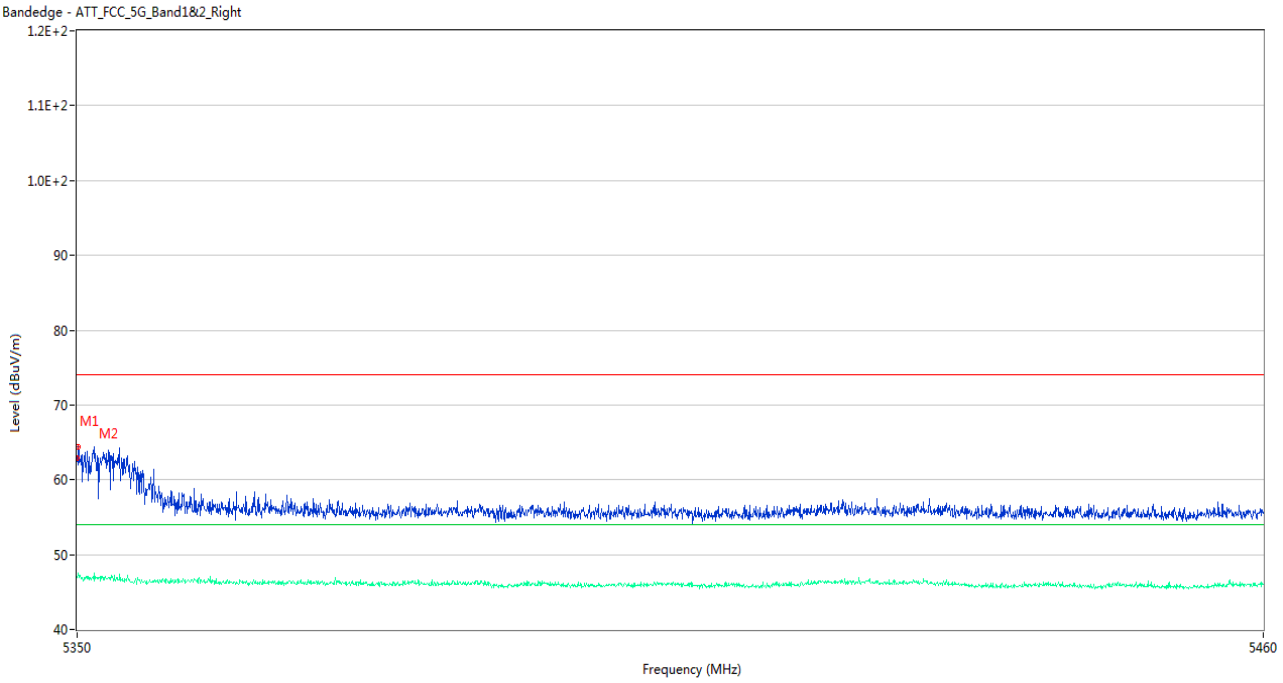
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.87	1.93	74.0	18.13	Peak	301.00	150	Horizontal	Pass
1**	5350.000	46.82	1.93	54.0	7.18	AV	301.00	150	Horizontal	Pass
2	5350.165	62.06	1.92	74.0	11.94	Peak	254.00	200	Horizontal	Pass
2**	5350.165	46.68	1.92	54.0	7.32	AV	254.00	200	Horizontal	Pass

U-NII-2A 11n20 Low Channel



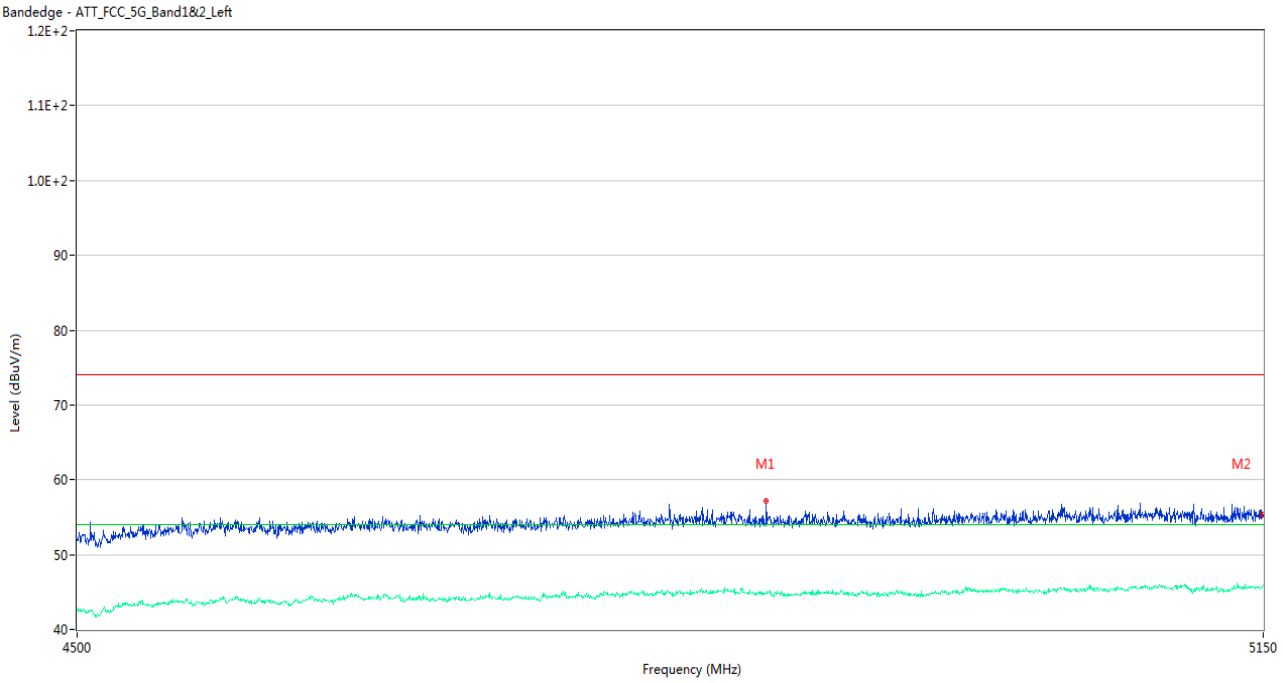
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5032.350	57.21	2.21	74.0	16.79	Peak	302.00	100	Horizontal	Pass
1**	5032.350	45.36	2.21	54.0	8.64	AV	302.00	100	Horizontal	Pass
2	5149.675	54.60	2.07	74.0	19.40	Peak	302.00	200	Horizontal	Pass
2**	5149.675	45.45	2.07	54.0	8.55	AV	302.00	200	Horizontal	Pass

U-NII-2A 11n20 High Channel



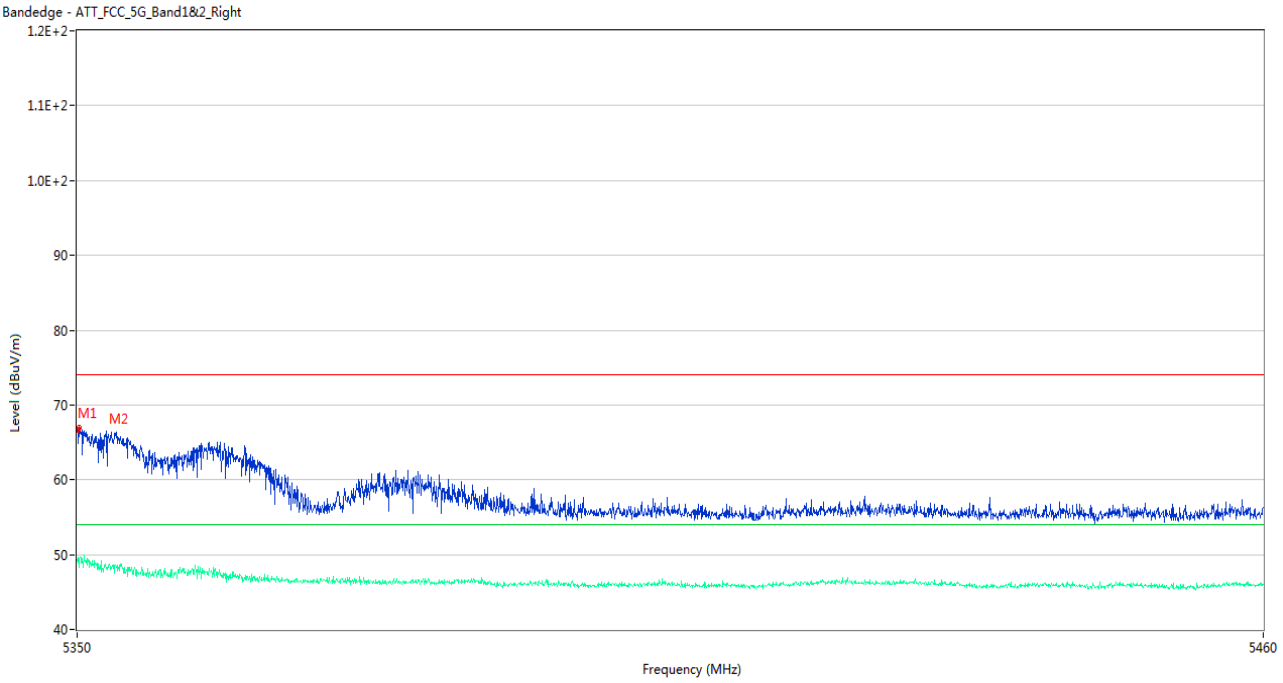
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	62.94	1.93	74.0	11.06	Peak	265.00	150	Horizontal	Pass
1**	5350.000	46.99	1.93	54.0	7.01	AV	265.00	150	Horizontal	Pass
2	5350.110	64.39	1.93	74.0	9.61	Peak	282.00	100	Horizontal	Pass
2**	5350.110	47.57	1.93	54.0	6.43	AV	282.00	100	Horizontal	Pass

U-NII-2A 11n40 Low Channel



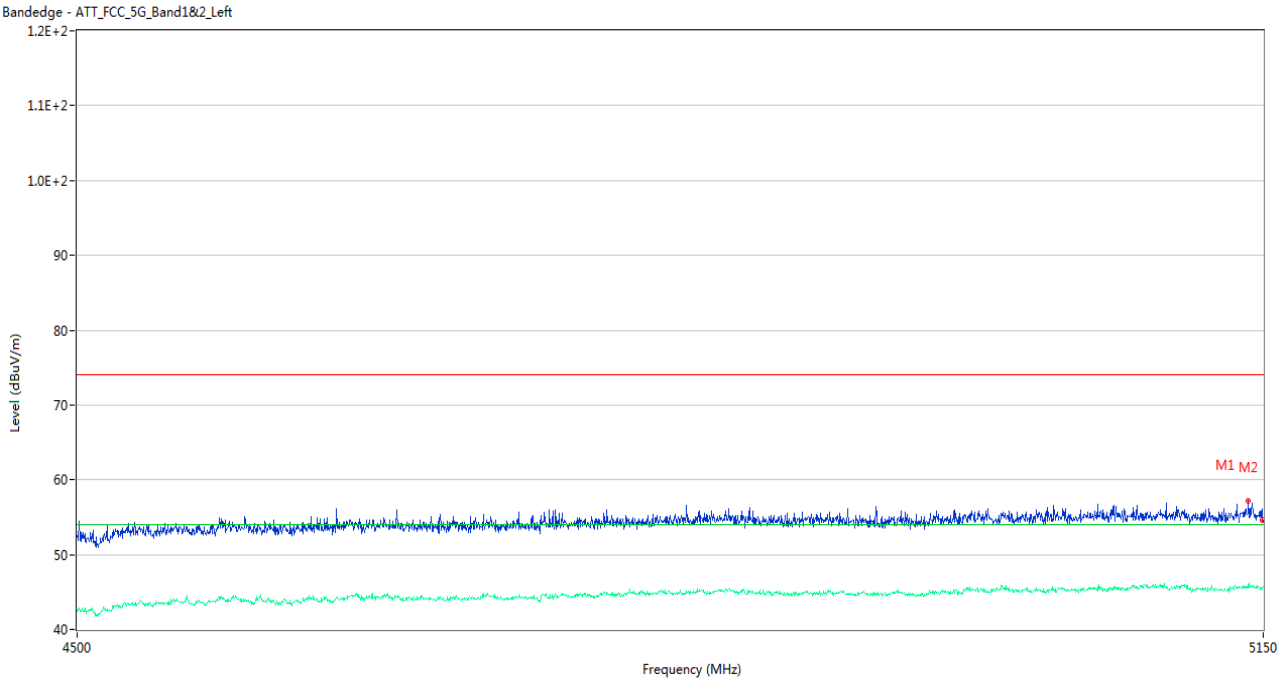
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4866.925	57.14	1.71	74.0	16.86	Peak	48.00	100	Horizontal	Pass
1**	4866.925	44.79	1.71	54.0	9.21	AV	48.00	100	Horizontal	Pass
2	5149.675	55.36	2.07	74.0	18.64	Peak	178.00	200	Horizontal	Pass
2**	5149.675	45.57	2.07	54.0	8.43	AV	178.00	200	Horizontal	Pass

U-NII-2A 11n40 High Channel



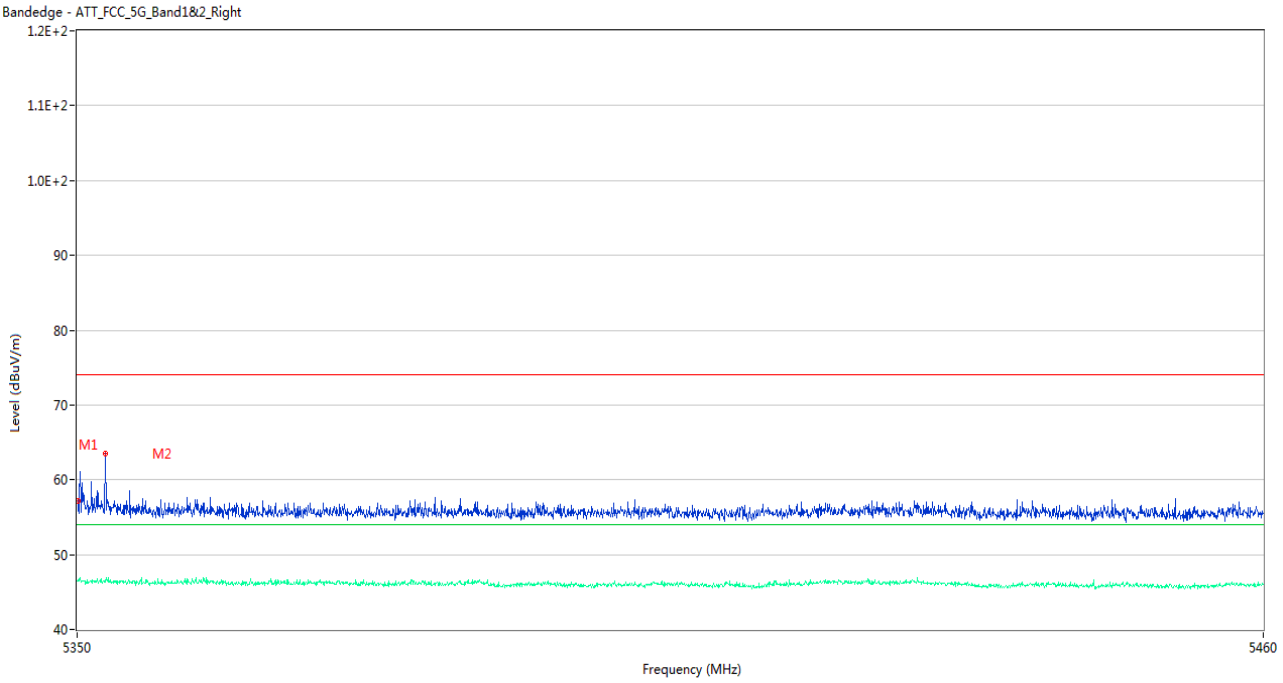
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	66.62	1.93	74.0	7.38	Peak	262.00	150	Horizontal	Pass
1**	5350.055	49.70	1.93	54.0	4.30	AV	262.00	150	Horizontal	Pass
2	5350.220	67.03	1.92	74.0	6.97	Peak	268.00	200	Horizontal	Pass
2**	5350.220	49.52	1.92	54.0	4.48	AV	268.00	200	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



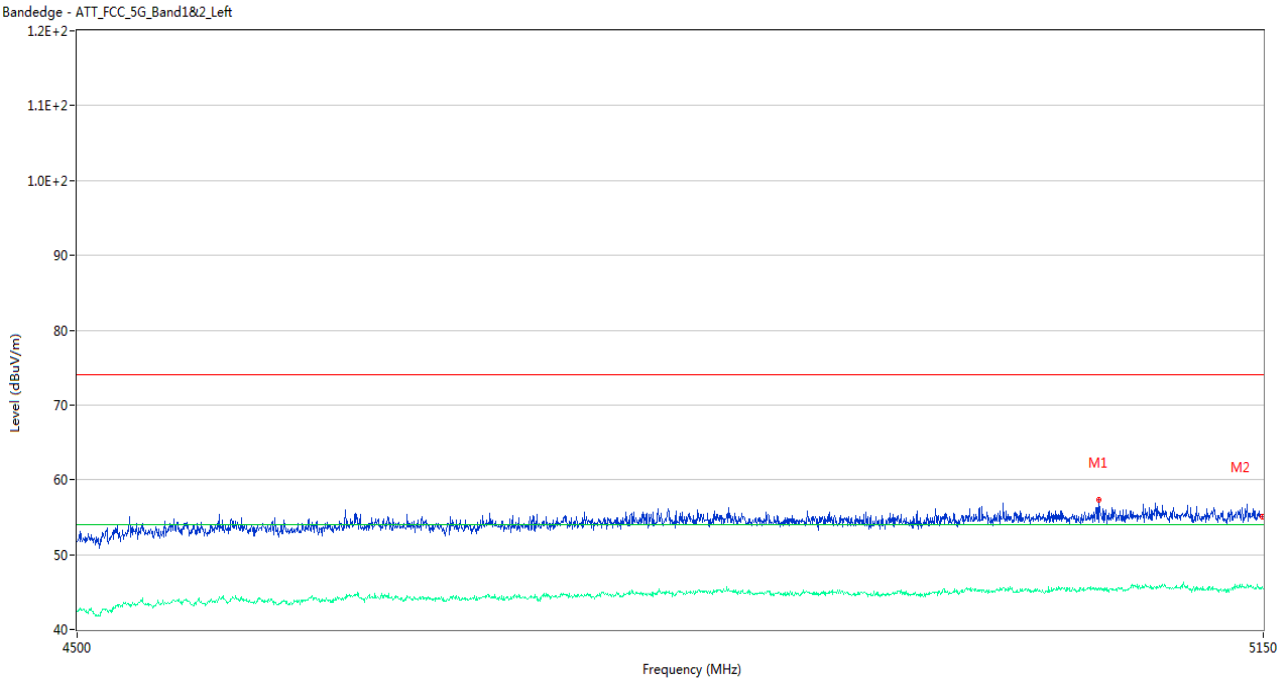
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.225	57.10	2.39	74.0	16.90	Peak	39.00	150	Horizontal	Pass
1**	5141.225	45.57	2.39	54.0	8.43	AV	39.00	150	Horizontal	Pass
2	5149.675	54.65	2.07	74.0	19.35	Peak	276.00	200	Horizontal	Pass
2**	5149.675	45.58	2.07	54.0	8.42	AV	276.00	200	Horizontal	Pass

U-NII-2A 11ac20 High Channel



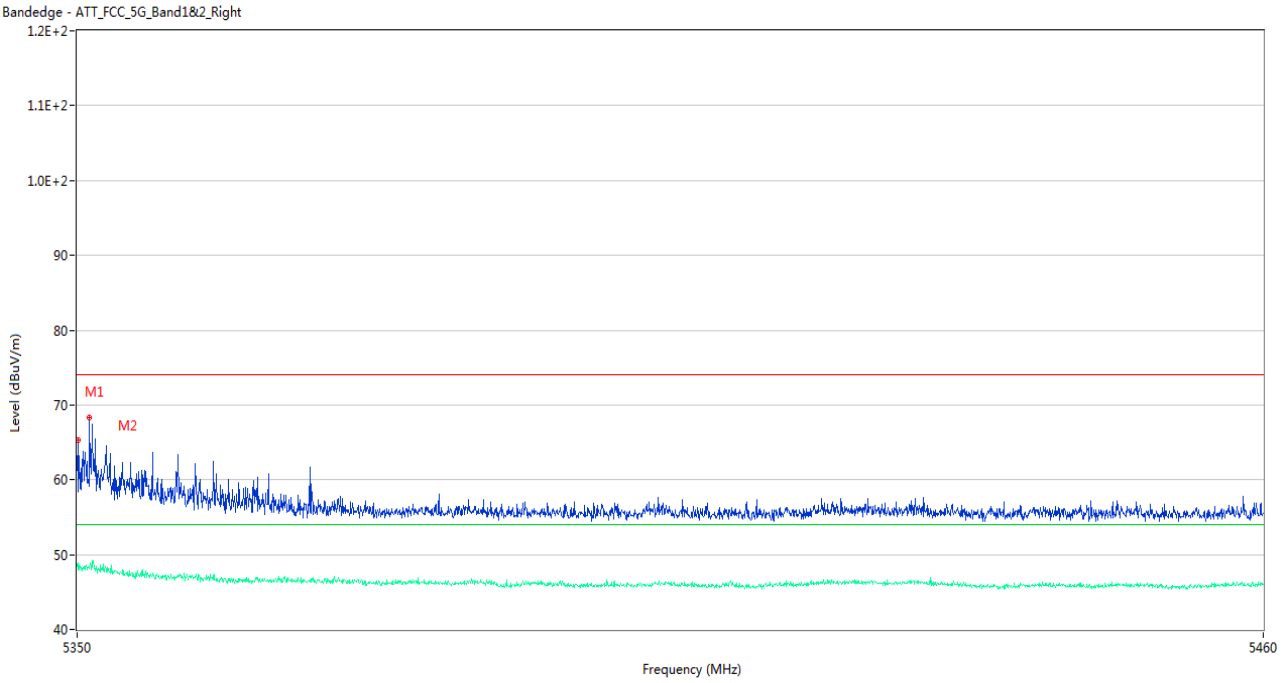
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	57.21	1.93	74.0	16.79	Peak	265.00	150	Horizontal	Pass
1**	5350.055	46.69	1.93	54.0	7.31	AV	265.00	150	Horizontal	Pass
2	5352.585	63.46	2.11	74.0	10.54	Peak	0.00	100	Horizontal	Pass
2**	5352.585	46.34	2.11	54.0	7.66	AV	0.00	100	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



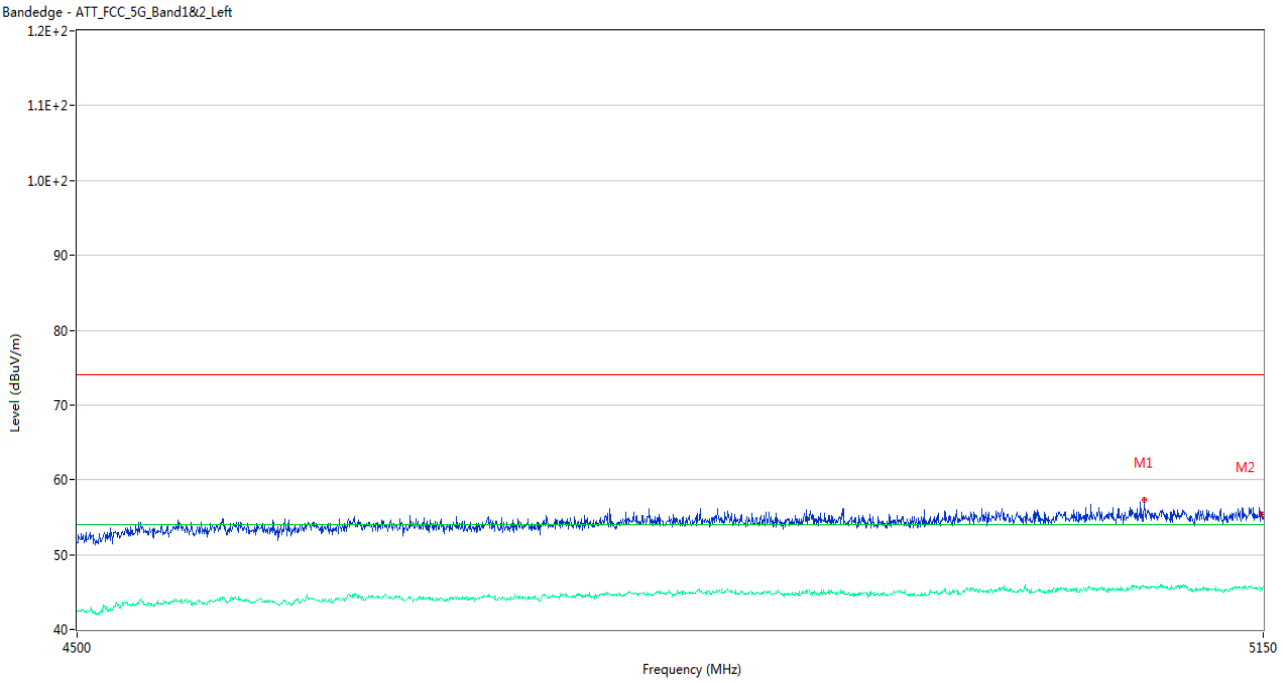
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5054.775	57.29	2.06	74.0	16.71	Peak	1.00	150	Horizontal	Pass
1**	5054.775	45.49	2.06	54.0	8.51	AV	1.00	150	Horizontal	Pass
2	5149.675	55.08	2.07	74.0	18.92	Peak	106.00	200	Horizontal	Pass
2**	5149.675	45.50	2.07	54.0	8.50	AV	106.00	200	Horizontal	Pass

U-NII-2A 11ac40 High Channel



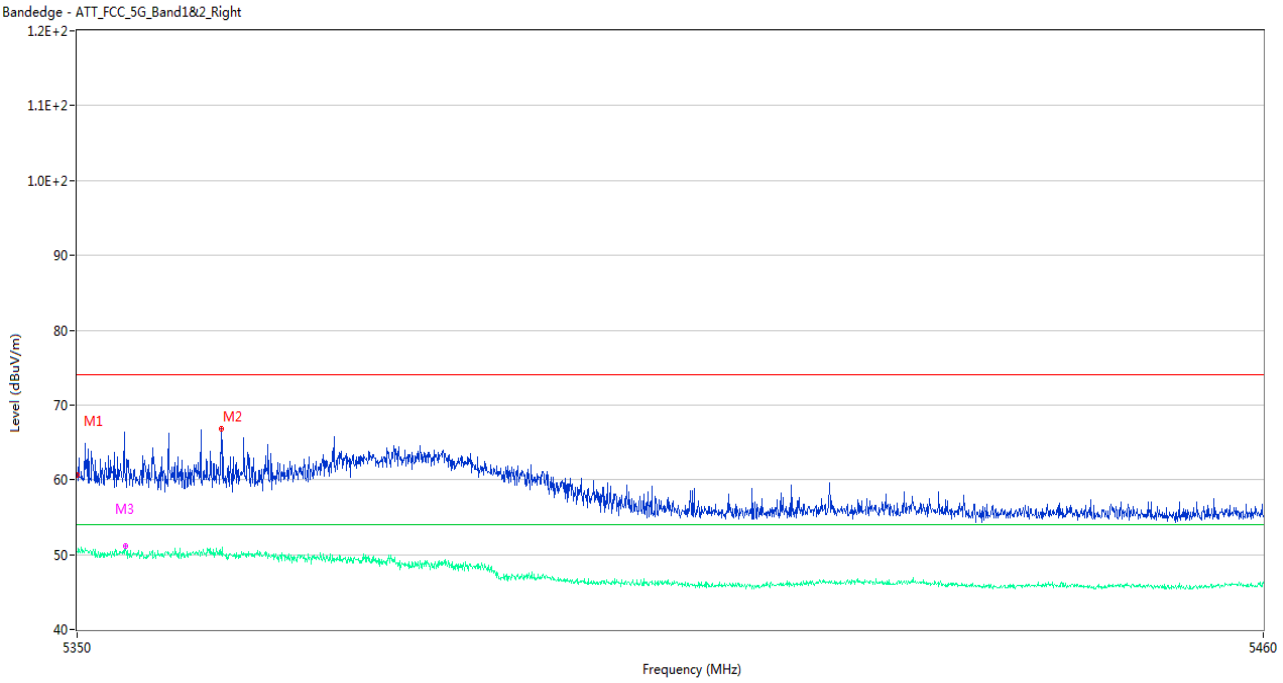
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	65.38	1.93	74.0	8.62	Peak	297.00	100	Horizontal	Pass
1**	5350.055	48.05	1.93	54.0	5.95	AV	297.00	100	Horizontal	Pass
2	5351.155	68.29	1.92	74.0	5.71	Peak	263.00	200	Horizontal	Pass
2**	5351.155	48.06	1.92	54.0	5.94	AV	263.00	200	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



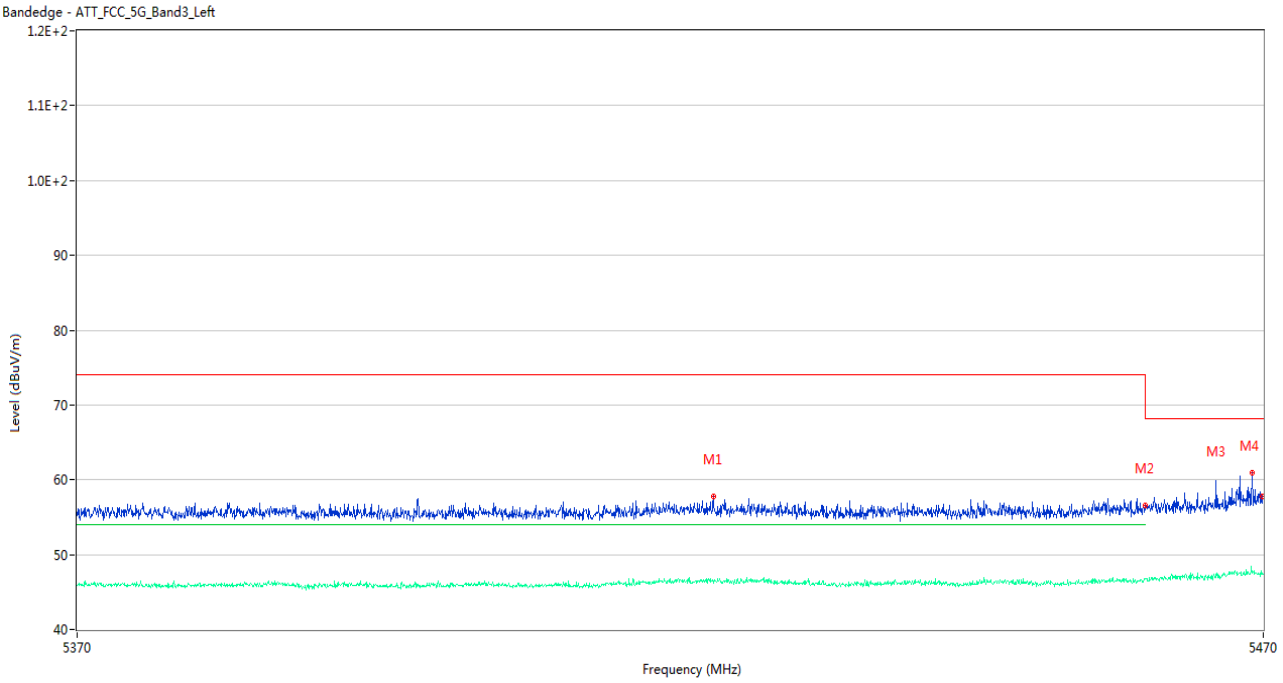
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5080.775	57.31	2.39	74.0	16.69	Peak	267.00	100	Horizontal	Pass
1**	5080.775	45.68	2.39	54.0	8.32	AV	267.00	100	Horizontal	Pass
2	5149.675	55.31	2.07	74.0	18.69	Peak	344.00	150	Horizontal	Pass
2**	5149.675	45.46	2.07	54.0	8.54	AV	344.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



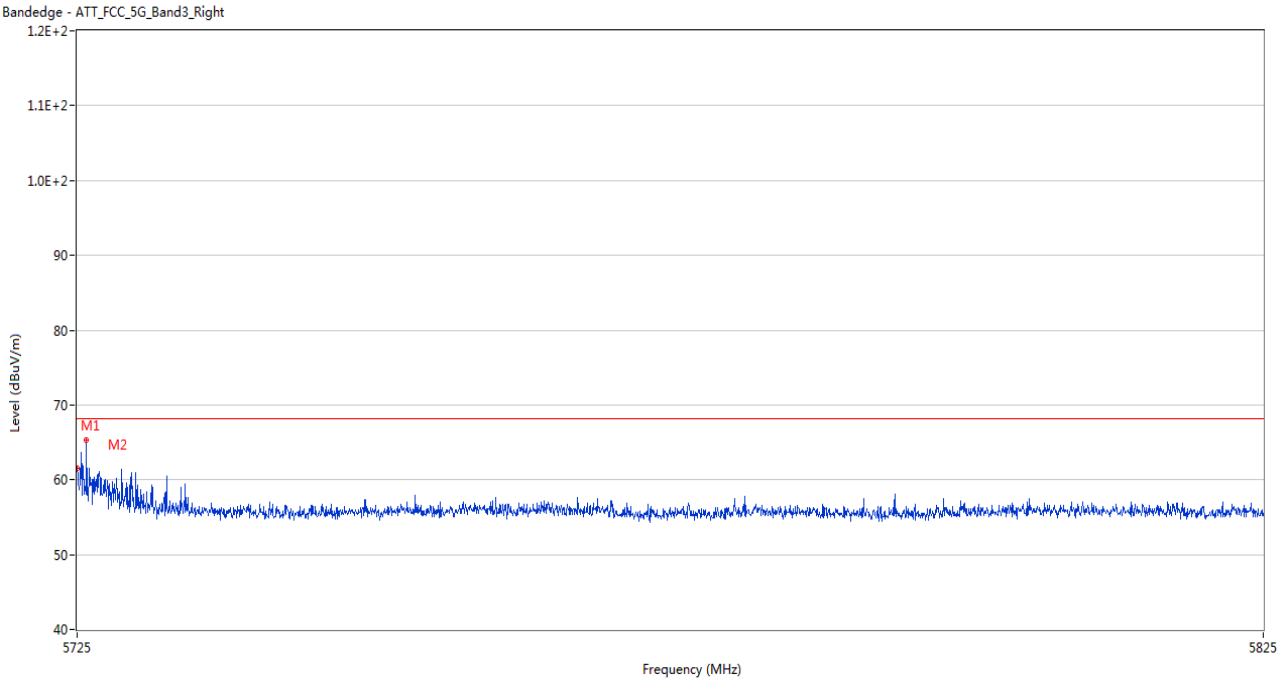
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.64	1.93	74.0	13.36	Peak	273.00	200	Horizontal	Pass
1**	5350.000	50.41	1.93	54.0	3.59	AV	273.00	200	Horizontal	Pass
2	5363.255	66.85	2.19	74.0	7.15	Peak	282.00	150	Horizontal	Pass
2**	5363.255	49.99	2.19	54.0	4.01	AV	282.00	150	Horizontal	Pass
3	5354.455	60.84	2.08	74.0	13.16	Peak	299.00	150	Horizontal	Pass
3**	5354.455	50.98	2.08	54.0	3.02	AV	299.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel



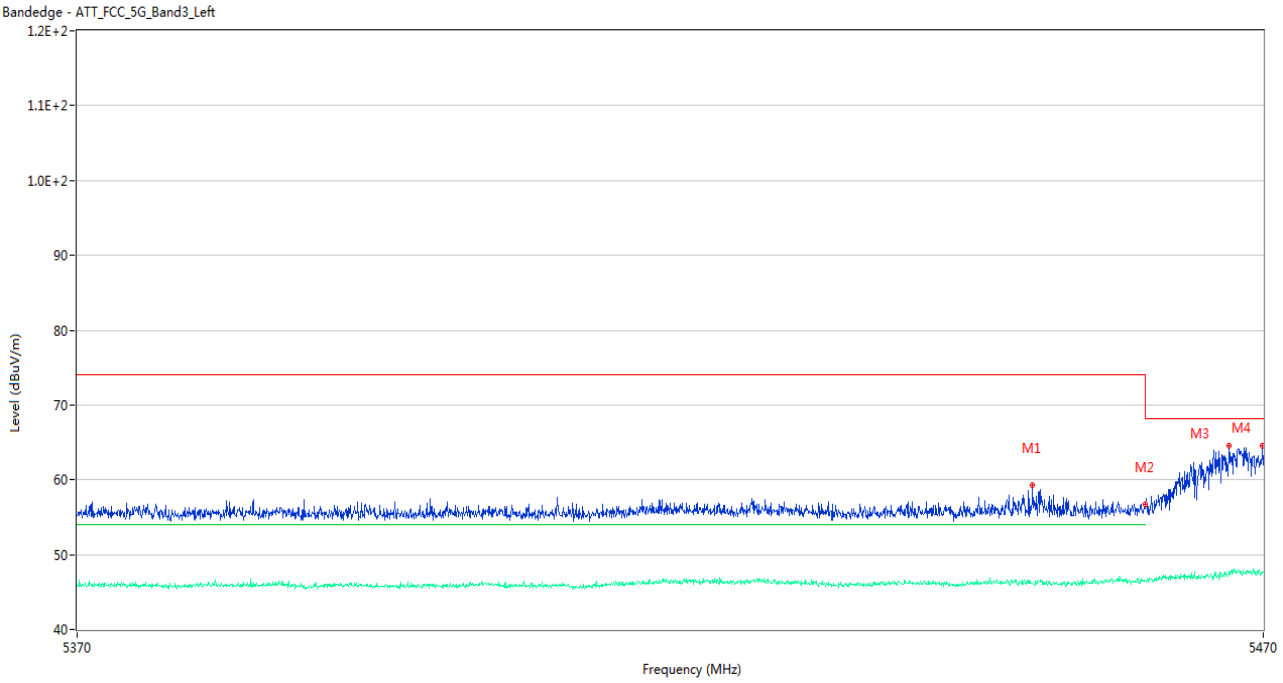
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5423.400	57.77	2.44	74.0	16.23	Peak	230.00	100	Horizontal	Pass
1**	5423.400	46.18	2.44	54.0	7.82	AV	230.00	100	Horizontal	Pass
2	5460.000	56.55	2.50	74.0	17.45	Peak	282.00	100	Horizontal	Pass
2**	5460.000	46.77	2.50	54.0	7.23	AV	282.00	100	Horizontal	Pass
3	5469.050	61.00	2.98	68.2	7.20	Peak	327.00	100	Horizontal	Pass
3**	5469.050	47.53	2.98	--	--	AV	327.00	100	Horizontal	N/A
4	5469.950	57.82	2.87	68.2	10.38	Peak	313.00	200	Horizontal	Pass
4**	5469.950	47.52	2.87	--	--	AV	313.00	200	Horizontal	N/A

U-NII-2C 11a High Channel



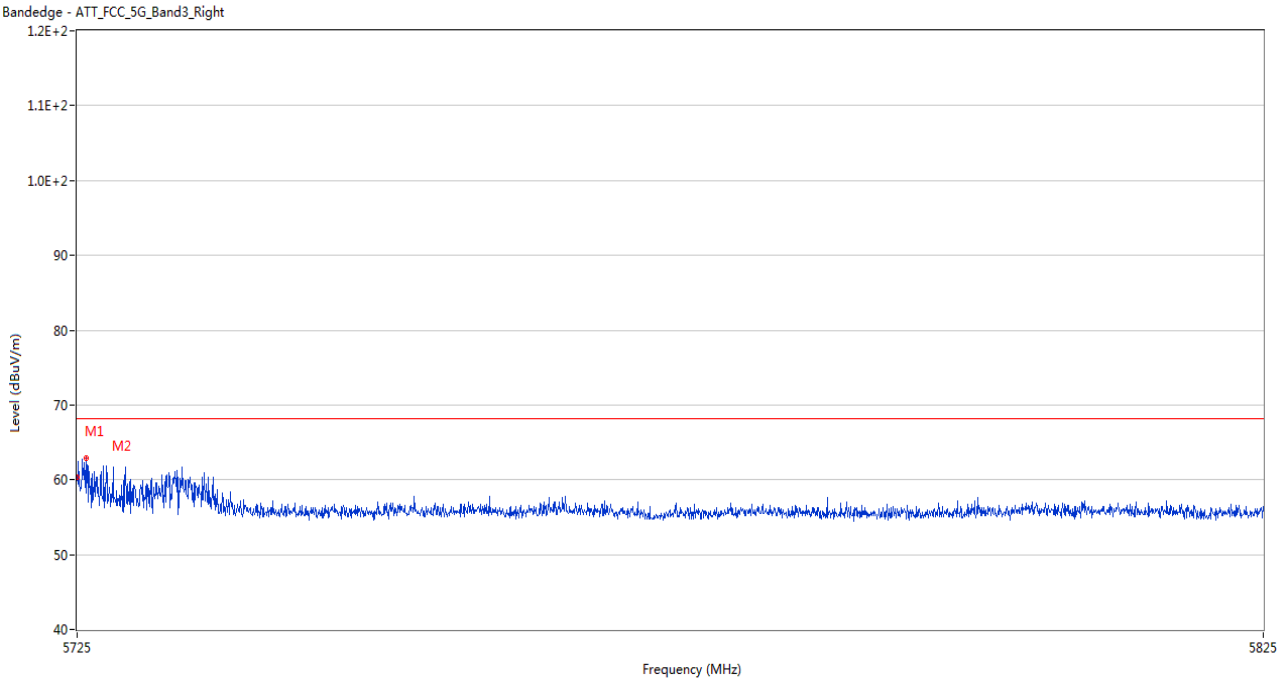
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.53	2.55	68.2	6.67	Peak	269.00	150	Horizontal	Pass
2	5725.800	65.19	2.53	68.2	3.01	Peak	247.00	200	Horizontal	Pass

U-NII-2C 11n20 Low Channel



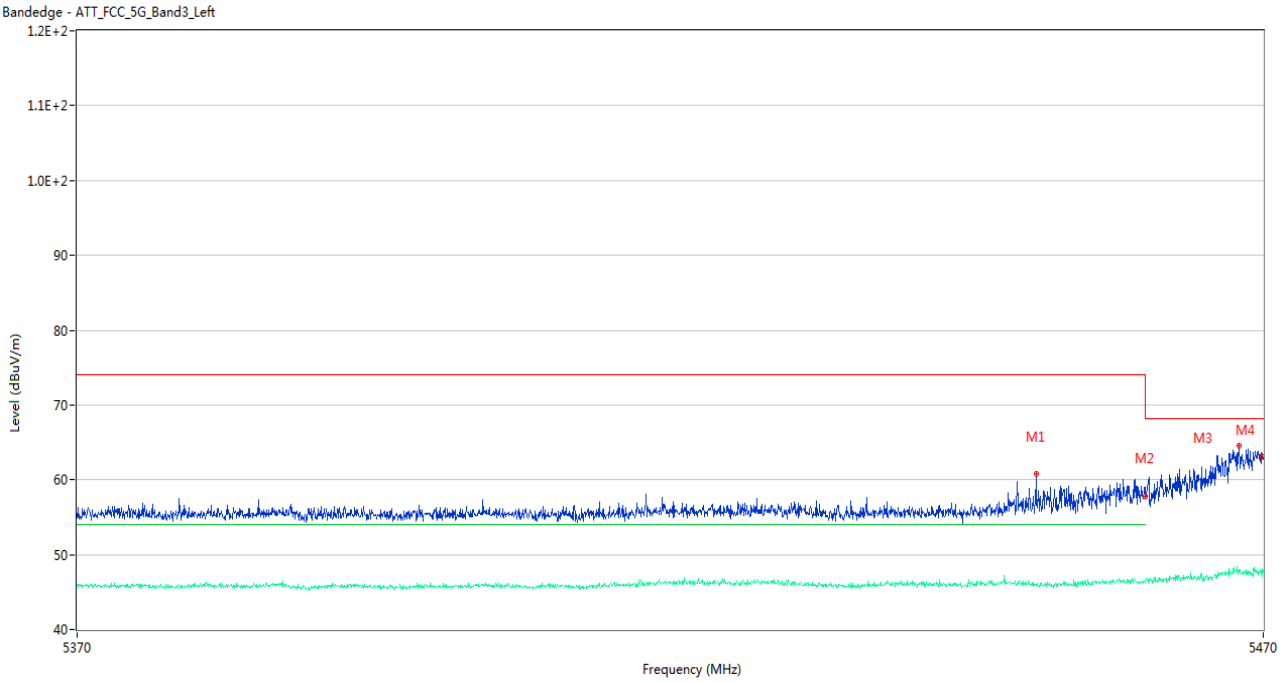
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5450.400	59.30	2.22	74.0	14.70	Peak	277.00	100	Horizontal	Pass
1**	5450.400	46.15	2.22	54.0	7.85	AV	277.00	100	Horizontal	Pass
2	5460.000	56.66	2.50	74.0	17.34	Peak	204.00	150	Horizontal	Pass
2**	5460.000	46.55	2.50	54.0	7.45	AV	204.00	150	Horizontal	Pass
3	5467.100	64.59	3.01	68.2	3.61	Peak	277.00	100	Horizontal	Pass
3**	5467.100	47.61	3.01	--	--	AV	277.00	100	Horizontal	N/A
4	5469.950	64.55	2.87	68.2	3.65	Peak	298.00	150	Horizontal	Pass
4**	5469.950	47.60	2.87	--	--	AV	298.00	150	Horizontal	N/A

U-NII-2C 11n20 High Channel



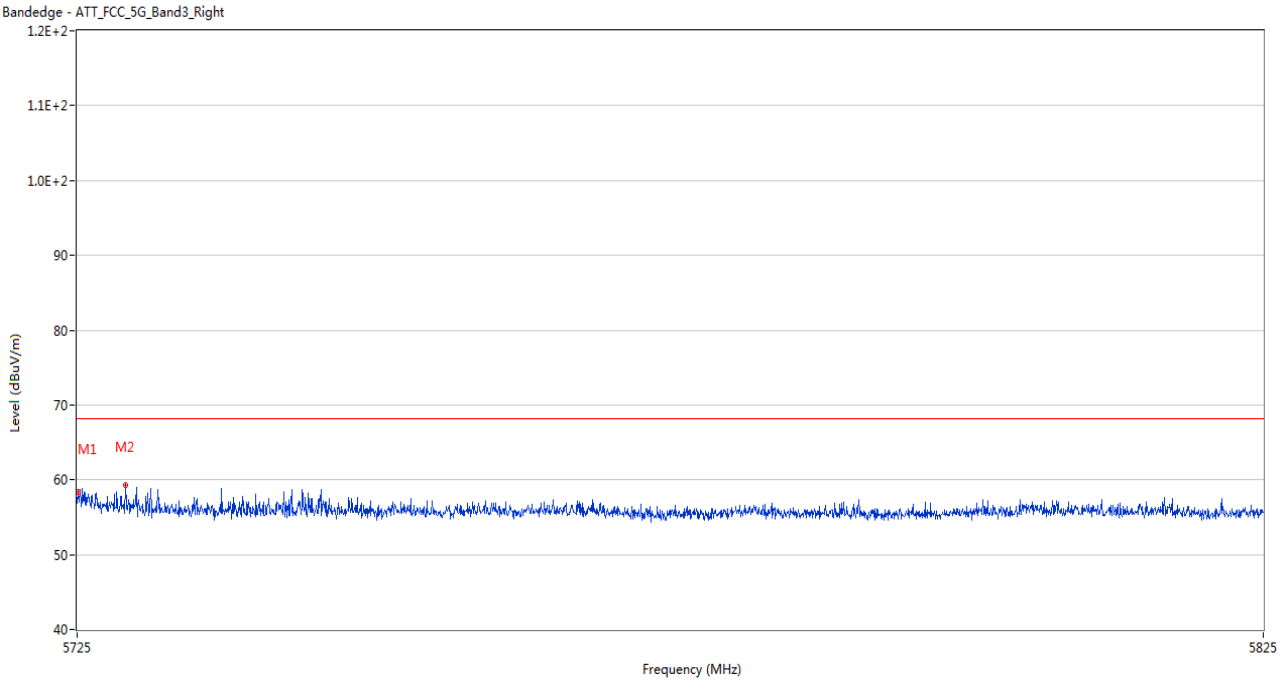
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	60.34	2.55	68.2	7.86	Peak	268.00	150	Horizontal	Pass
2	5725.750	62.94	2.54	68.2	5.26	Peak	255.00	150	Horizontal	Pass

U-NII-2C 11n40 Low Channel



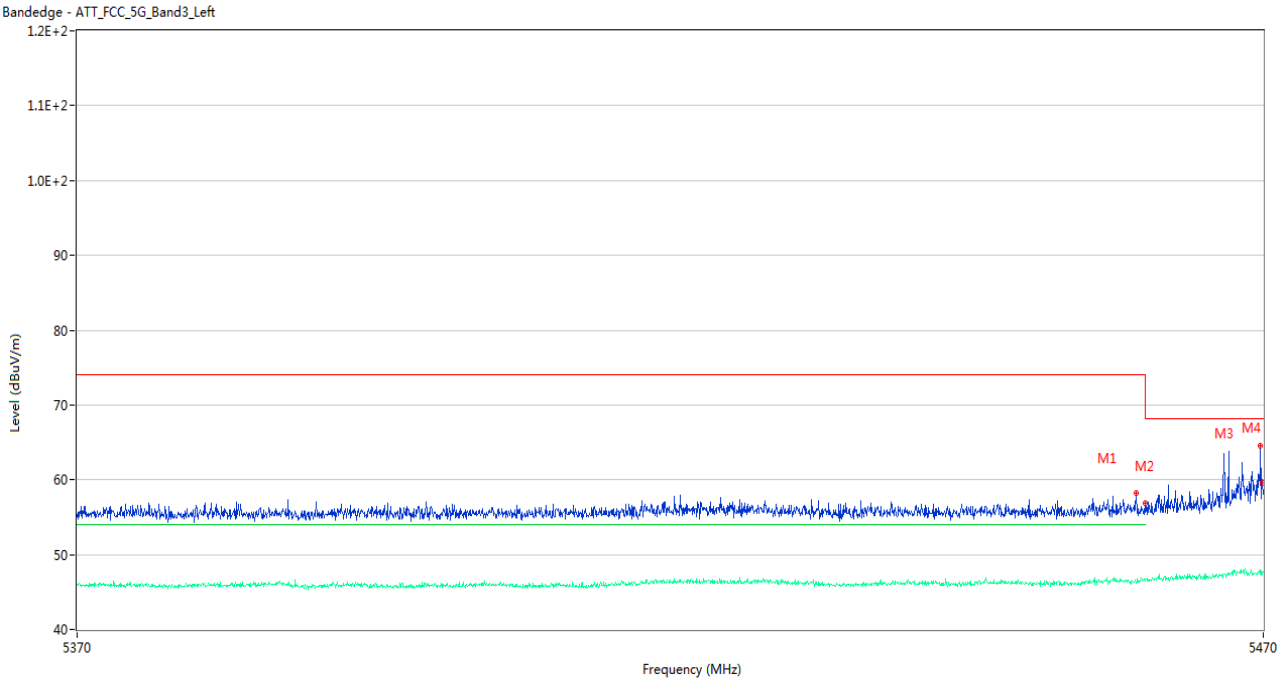
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5450.700	60.81	2.19	74.0	13.19	Peak	276.00	200	Horizontal	Pass
1**	5450.700	45.94	2.19	54.0	8.06	AV	276.00	200	Horizontal	Pass
2	5460.000	57.84	2.50	74.0	16.16	Peak	247.00	200	Horizontal	Pass
2**	5460.000	46.20	2.50	54.0	7.80	AV	247.00	200	Horizontal	Pass
3	5467.900	64.54	3.14	68.2	3.66	Peak	272.00	100	Horizontal	Pass
3**	5467.900	47.89	3.14	--	--	AV	272.00	100	Horizontal	N/A
4	5469.950	63.06	2.87	68.2	5.14	Peak	272.00	200	Horizontal	Pass
4**	5469.950	48.13	2.87	--	--	AV	272.00	200	Horizontal	N/A

U-NII-2C 11n40 High Channel



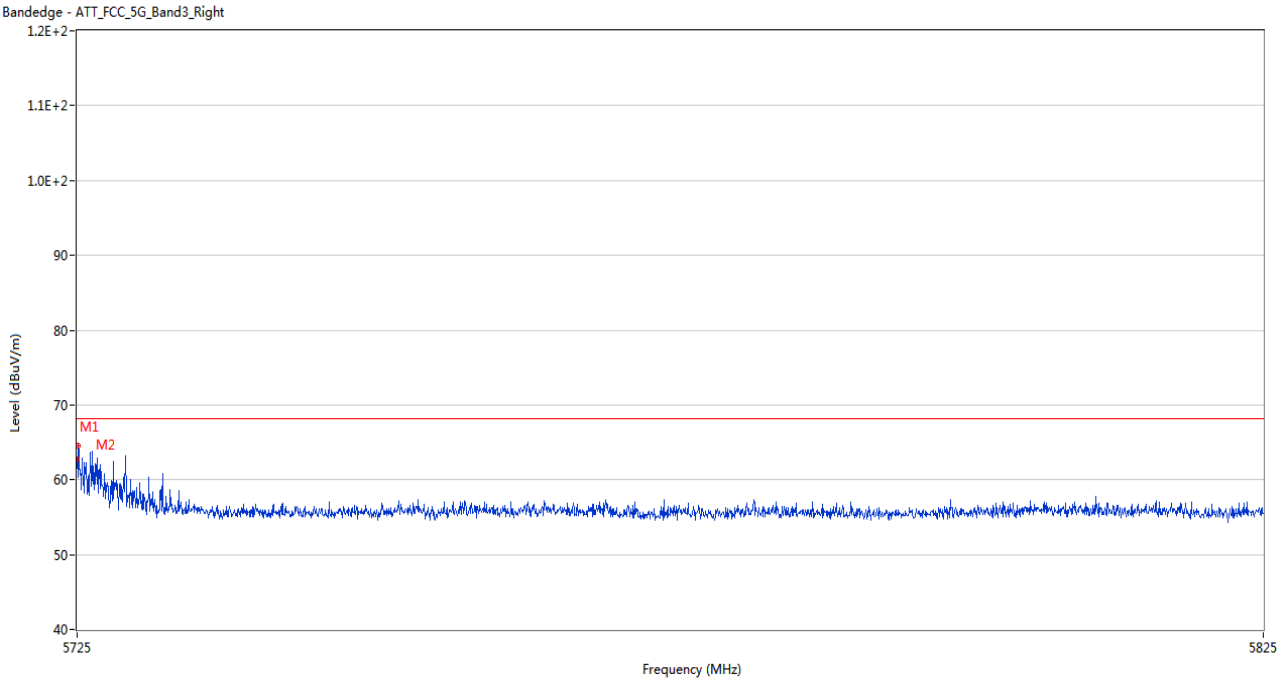
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	58.42	2.55	68.2	9.78	Peak	257.00	150	Horizontal	Pass
2	5729.050	59.35	2.65	68.2	8.85	Peak	269.00	100	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



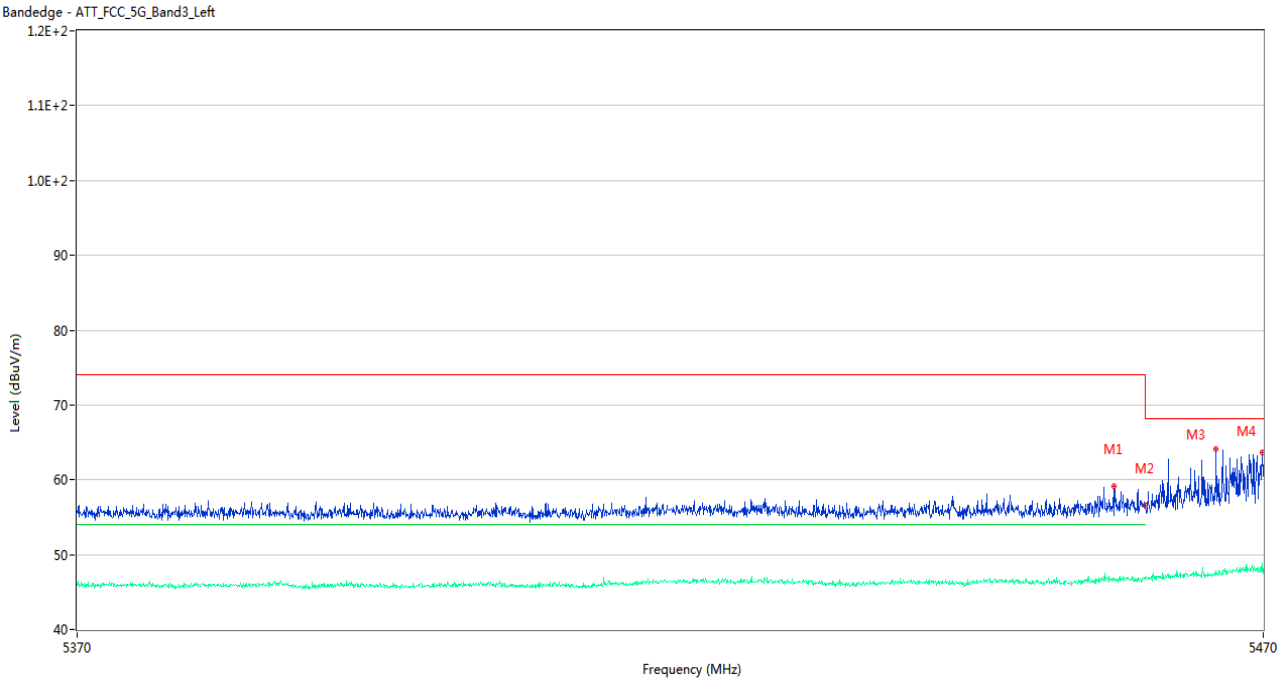
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.200	58.21	2.40	74.0	15.79	Peak	283.00	150	Horizontal	Pass
1**	5459.200	46.25	2.40	54.0	7.75	AV	283.00	150	Horizontal	Pass
2	5460.000	56.87	2.50	74.0	17.13	Peak	257.00	100	Horizontal	Pass
2**	5460.000	46.49	2.50	54.0	7.51	AV	257.00	100	Horizontal	Pass
3	5469.750	64.58	2.88	68.2	3.62	Peak	273.00	150	Horizontal	Pass
3**	5469.750	48.00	2.88	--	--	AV	273.00	150	Horizontal	N/A
4	5469.950	59.65	2.87	68.2	8.55	Peak	308.00	150	Horizontal	Pass
4**	5469.950	47.75	2.87	--	--	AV	308.00	150	Horizontal	N/A

U-NII-2C 11ac20 High Channel



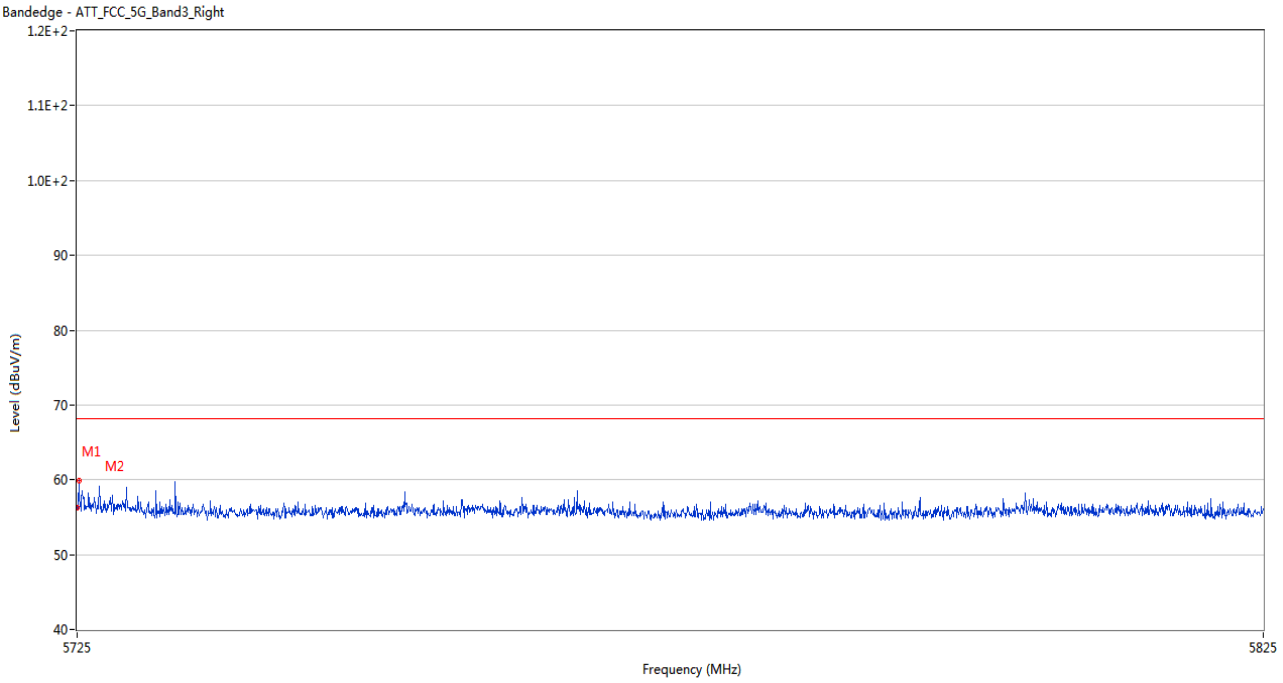
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.68	2.55	68.2	5.52	Peak	263.00	100	Horizontal	Pass
2	5725.100	64.62	2.55	68.2	3.58	Peak	256.00	100	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



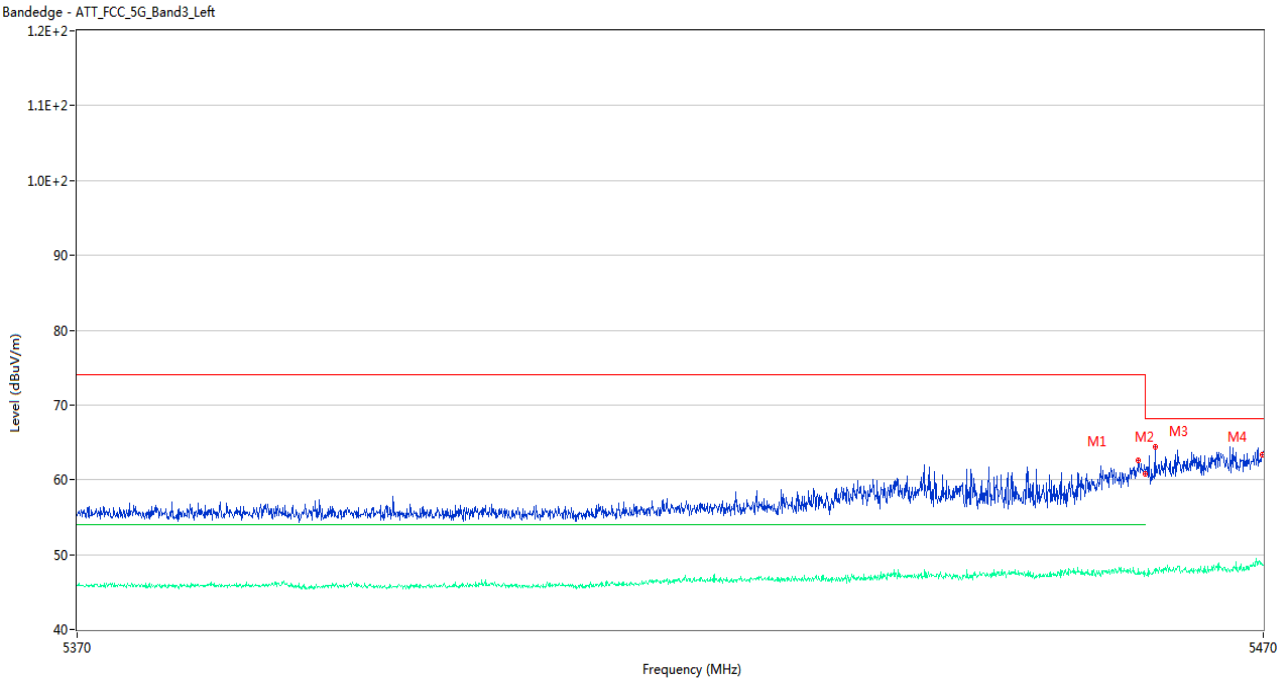
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.300	59.14	2.51	74.0	14.86	Peak	270.00	100	Horizontal	Pass
1**	5457.300	46.95	2.51	54.0	7.05	AV	270.00	100	Horizontal	Pass
2	5460.000	56.61	2.50	74.0	17.39	Peak	266.00	200	Horizontal	Pass
2**	5460.000	46.80	2.50	54.0	7.20	AV	266.00	200	Horizontal	Pass
3	5466.000	64.05	2.75	68.2	4.15	Peak	242.00	200	Horizontal	Pass
3**	5466.000	47.89	2.75	--	--	AV	242.00	200	Horizontal	N/A
4	5469.950	63.63	2.87	68.2	4.57	Peak	270.00	150	Horizontal	Pass
4**	5469.950	48.82	2.87	--	--	AV	270.00	150	Horizontal	N/A

U-NII-2C 11ac40 High Channel



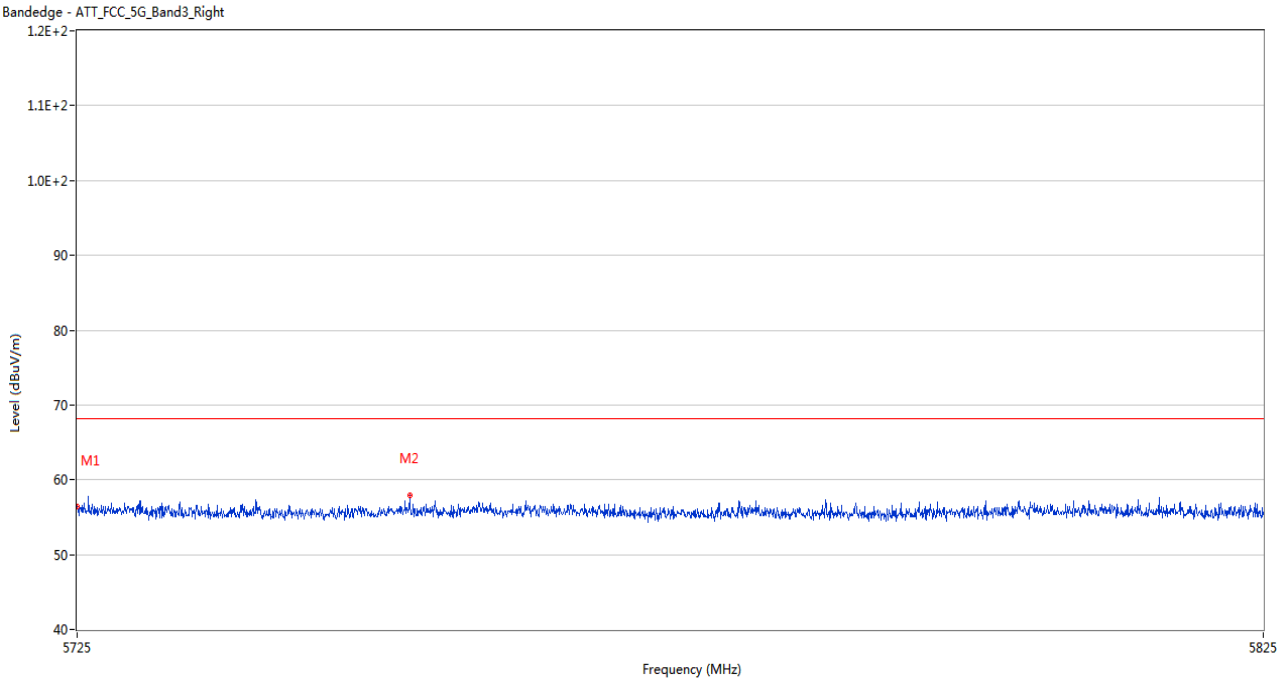
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.30	2.55	68.2	11.90	Peak	251.00	100	Horizontal	Pass
2	5725.150	59.82	2.55	68.2	8.38	Peak	251.00	200	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



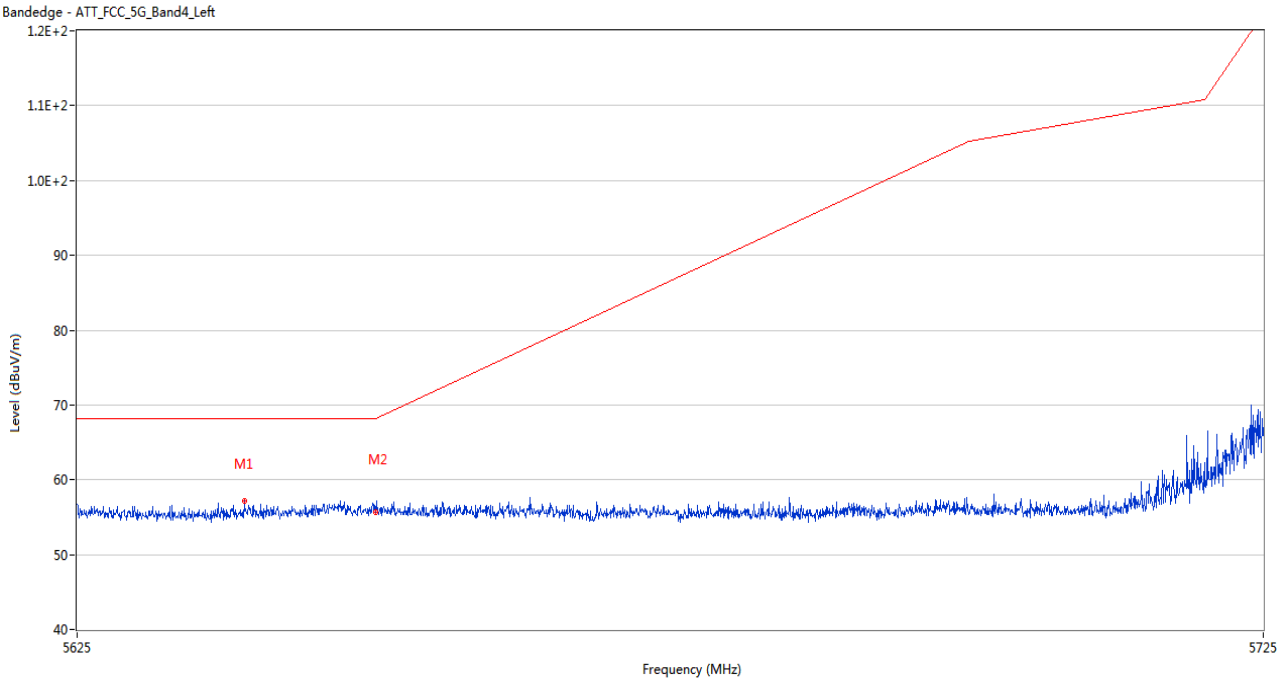
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.400	62.58	2.42	74.0	11.42	Peak	272.00	100	Horizontal	Pass
1**	5459.400	48.16	2.42	54.0	5.84	AV	272.00	100	Horizontal	Pass
2	5460.000	60.79	2.50	74.0	13.21	Peak	264.00	200	Horizontal	Pass
2**	5460.000	47.32	2.50	54.0	6.68	AV	264.00	200	Horizontal	Pass
3	5460.800	64.45	2.60	68.2	3.75	Peak	242.00	200	Horizontal	Pass
3**	5460.800	48.12	2.60	--	--	AV	242.00	200	Horizontal	N/A
4	5469.950	63.32	2.87	68.2	4.88	Peak	261.00	150	Horizontal	Pass
4**	5469.950	48.69	2.87	--	--	AV	261.00	150	Horizontal	N/A

U-NII-2C 11ac80 High Channel



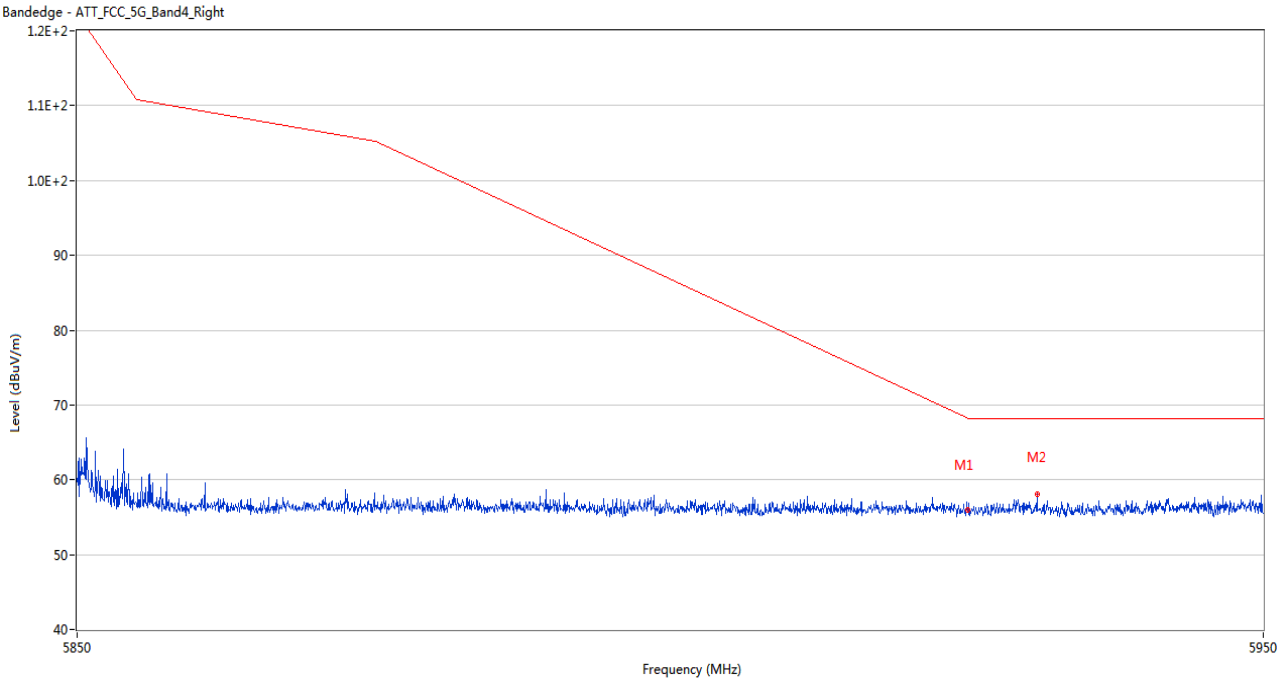
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.36	2.55	68.2	11.84	Peak	61.00	100	Horizontal	Pass
2	5752.850	57.89	2.60	68.2	10.31	Peak	219.00	200	Horizontal	Pass

U-NII-3 11a Low Channel



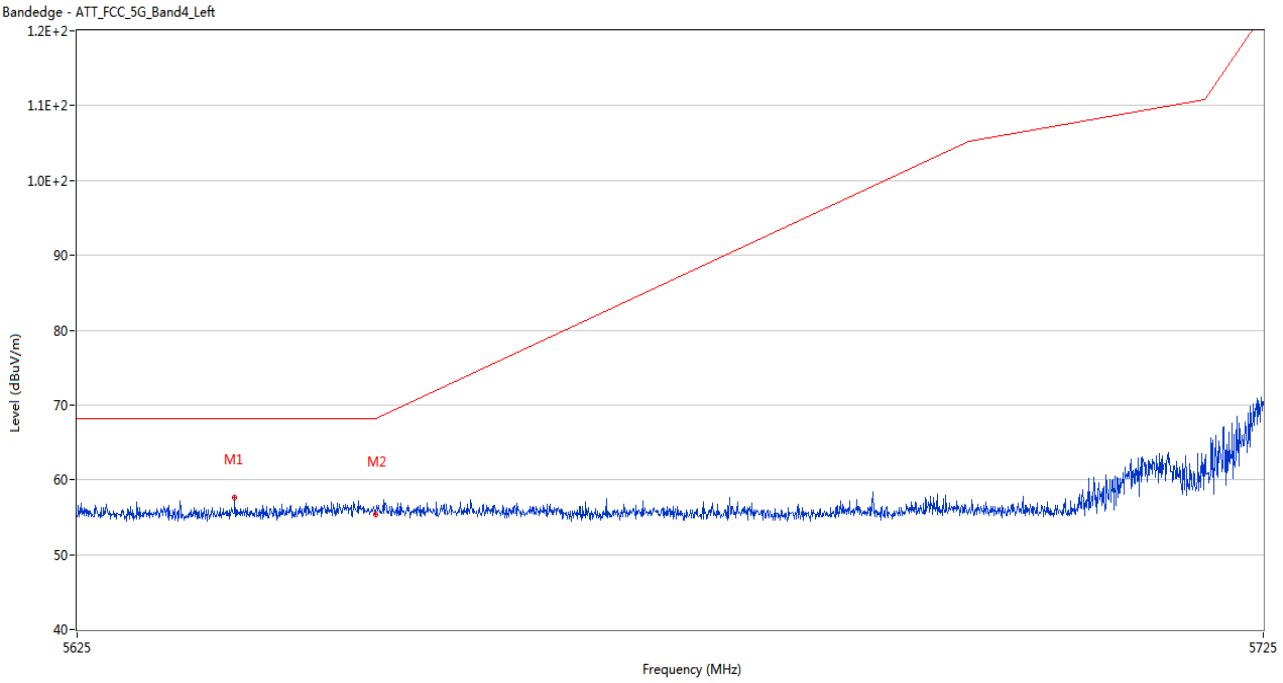
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5639.000	57.14	2.34	68.2	11.06	Peak	329.00	100	Horizontal	Pass
2	5650.000	55.61	2.54	68.2	12.59	Peak	49.00	150	Horizontal	Pass

U-NII-3 11a High Channel



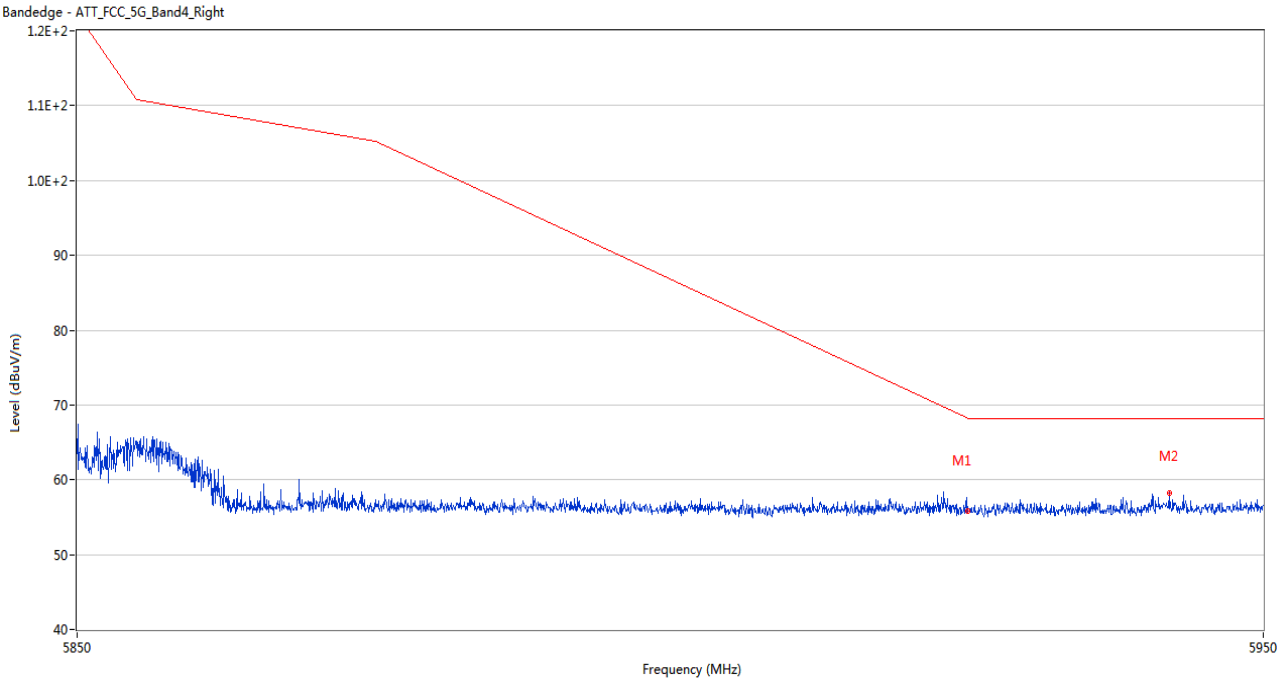
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.91	2.32	68.2	12.29	Peak	360.00	100	Horizontal	Pass
2	5930.800	58.09	2.54	68.2	10.11	Peak	46.00	150	Horizontal	Pass

U-NII-3 11n20 Low Channel



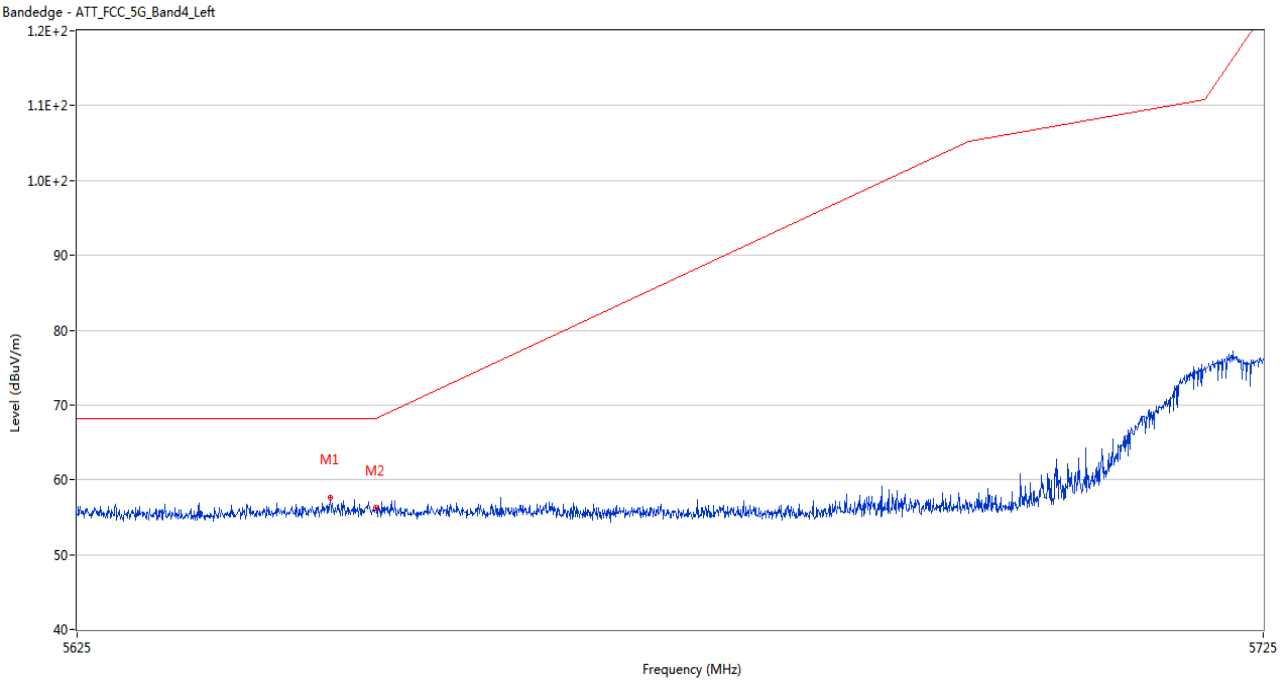
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5638.200	57.69	2.34	68.2	10.51	Peak	176.00	200	Horizontal	Pass
2	5650.000	55.44	2.54	68.2	12.76	Peak	360.00	100	Horizontal	Pass

U-NII-3 11n20 High Channel



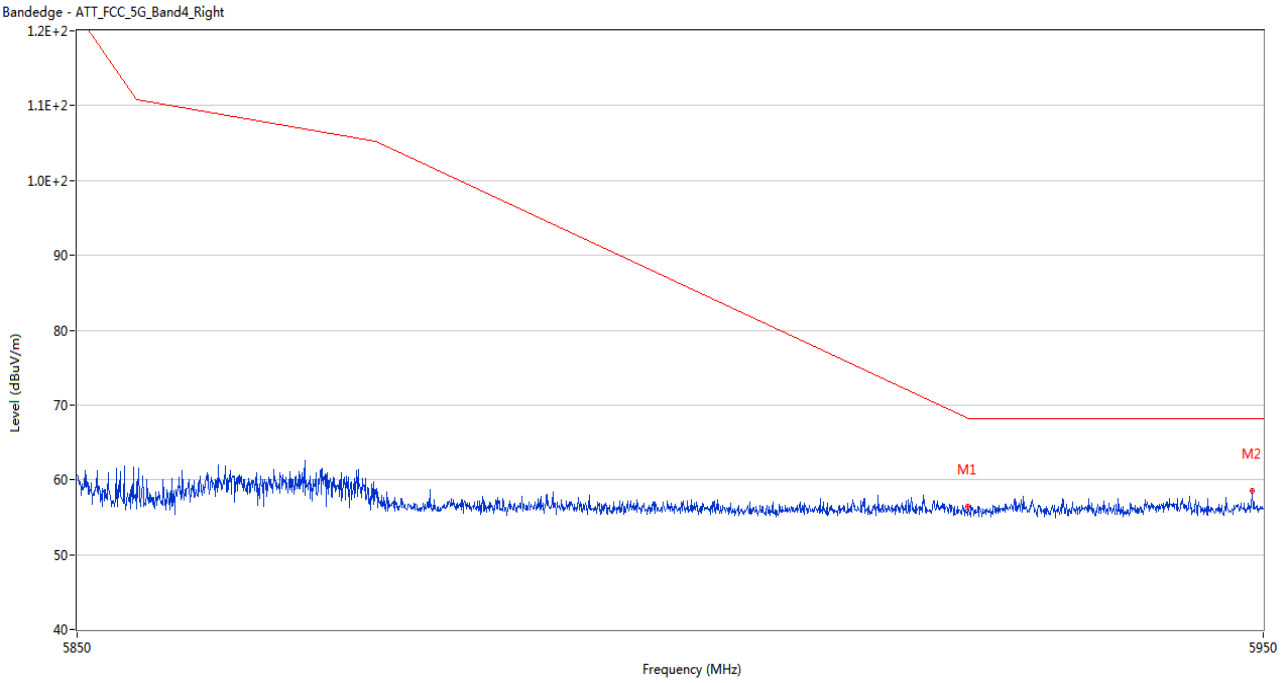
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.85	2.32	68.2	12.35	Peak	321.00	200	Horizontal	Pass
2	5942.000	58.20	2.82	68.2	10.00	Peak	44.00	200	Horizontal	Pass

U-NII-3 11n40 Low Channel



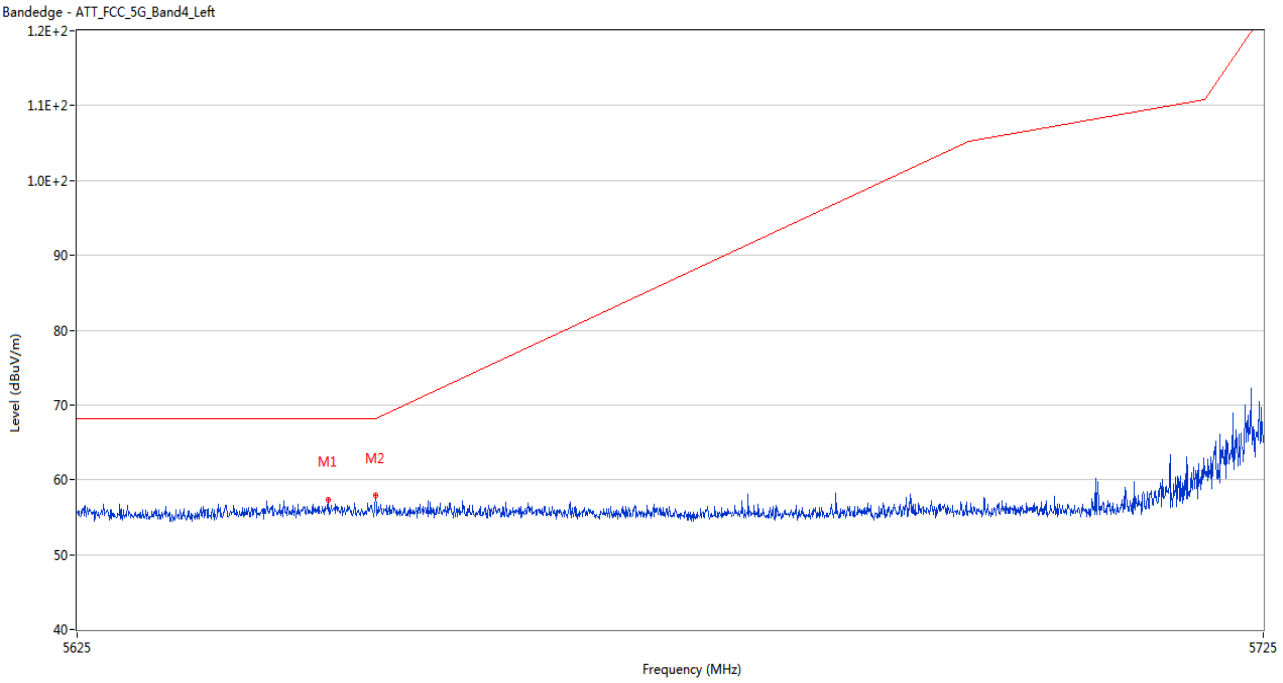
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.200	57.68	2.72	68.2	10.52	Peak	163.00	100	Horizontal	Pass
2	5650.000	56.27	2.54	68.2	11.93	Peak	336.00	100	Horizontal	Pass

U-NII-3 11n40 High Channel



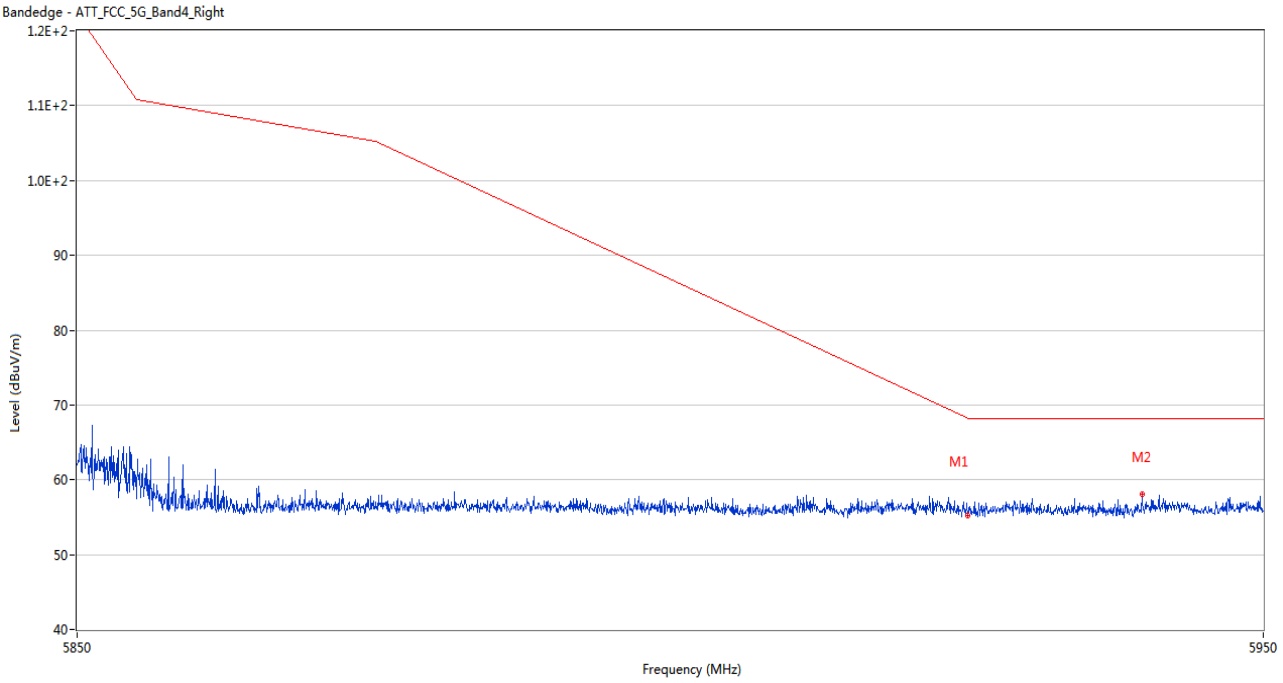
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.39	2.32	68.2	11.81	Peak	59.00	100	Horizontal	Pass
2	5949.050	58.52	2.61	68.2	9.68	Peak	49.00	100	Horizontal	Pass

U-NII-3 11ac20 Low Channel



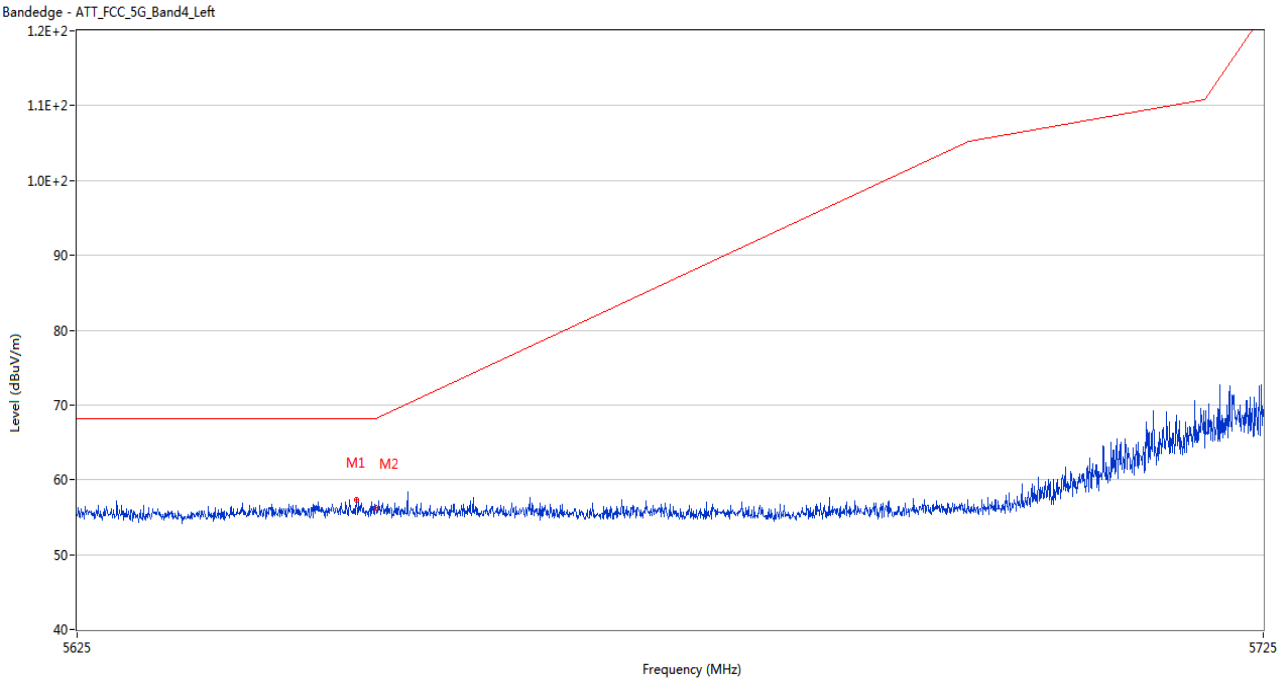
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.000	57.38	2.69	68.2	10.82	Peak	88.00	200	Horizontal	Pass
2	5650.000	57.85	2.54	68.2	10.35	Peak	105.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



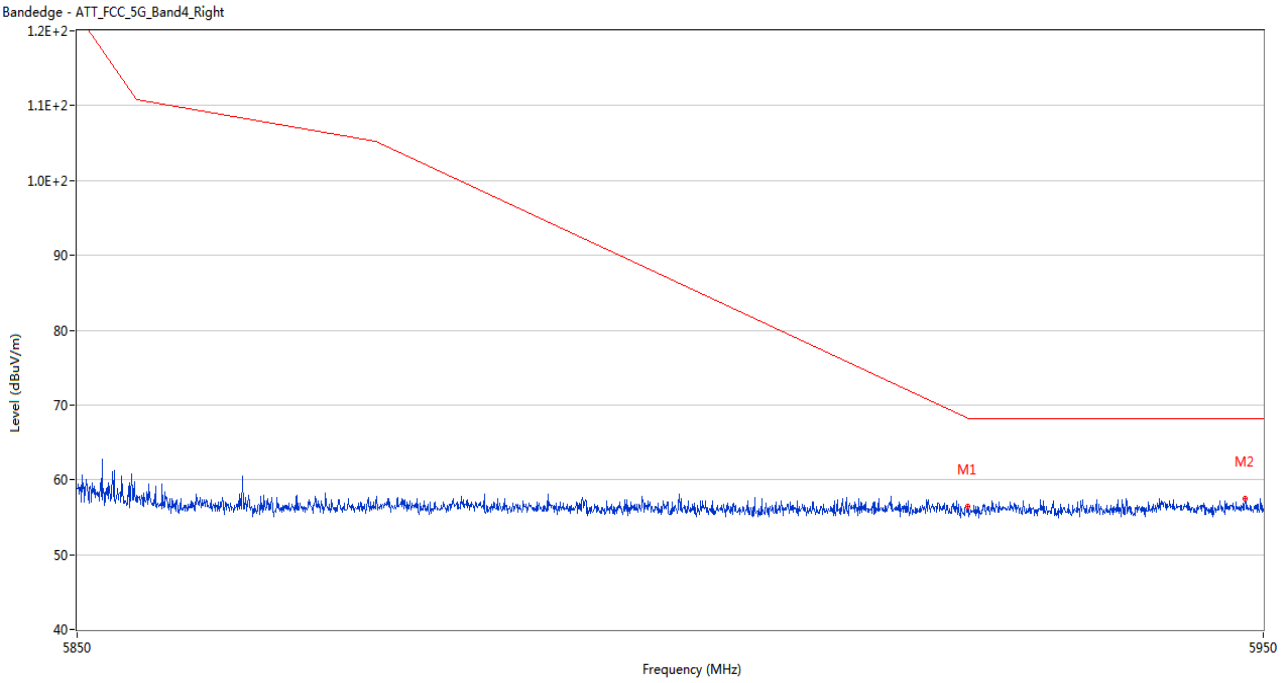
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.18	2.32	68.2	13.02	Peak	270.00	100	Horizontal	Pass
2	5939.700	58.06	2.40	68.2	10.14	Peak	191.00	100	Horizontal	Pass

U-NII-3 11ac40 Low Channel



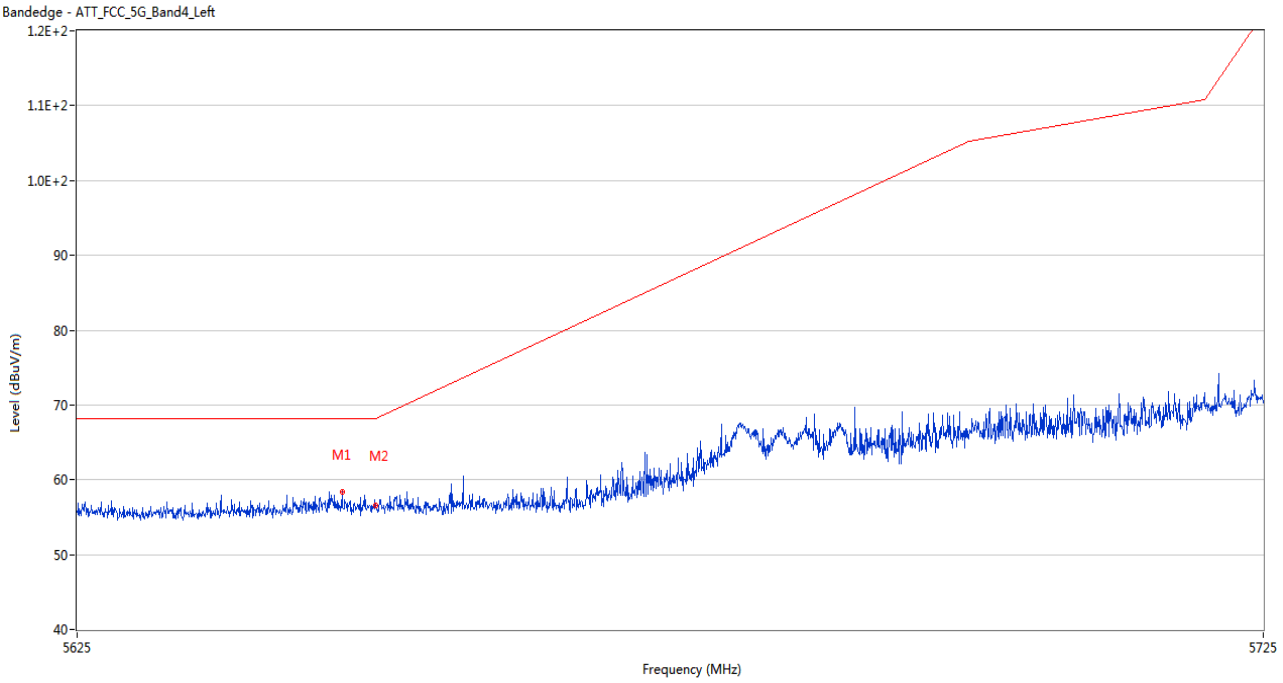
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.400	57.32	2.51	68.2	10.88	Peak	167.00	200	Horizontal	Pass
2	5650.000	56.22	2.54	68.2	11.98	Peak	238.00	100	Horizontal	Pass

U-NII-3 11ac40 High Channel



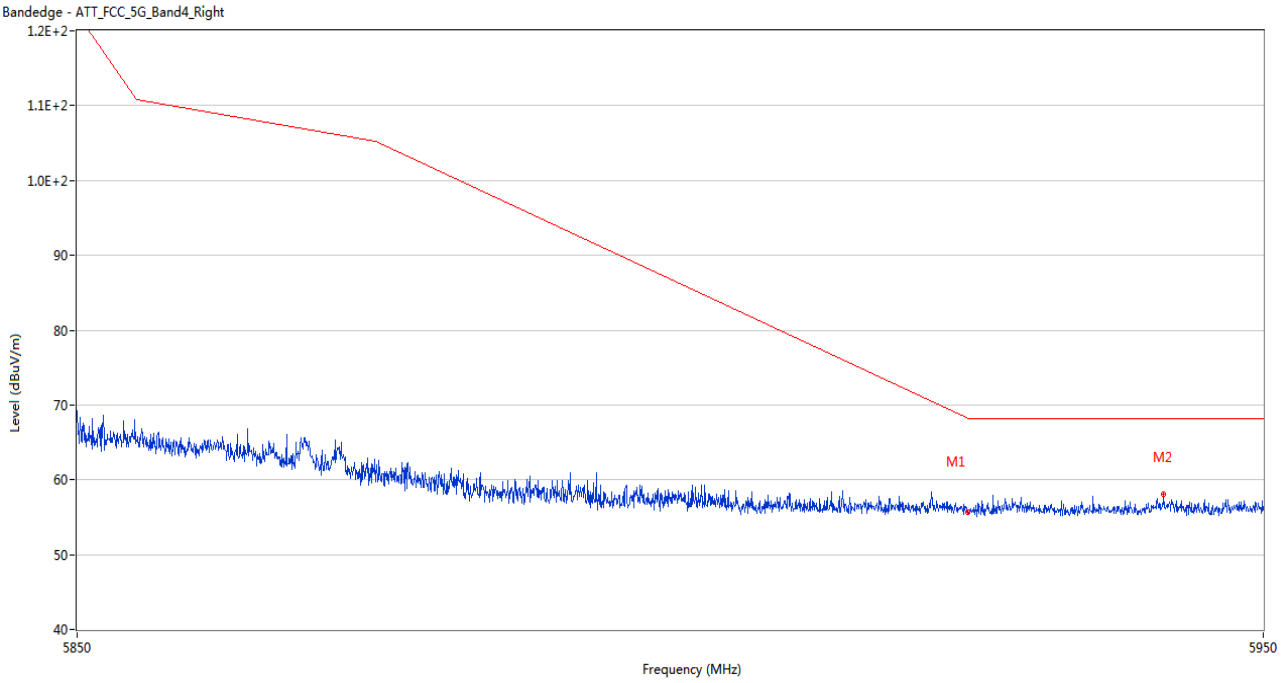
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.44	2.32	68.2	11.76	Peak	143.00	200	Horizontal	Pass
2	5948.450	57.51	2.67	68.2	10.69	Peak	314.00	100	Horizontal	Pass

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	5647.200	58.34	2.63	68.2	9.86	Peak	264.00	200	Horizontal	Pass
2	5650.000	56.54	2.54	68.2	11.66	Peak	264.00	150	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	55.68	2.32	68.2	12.52	Peak	130.00	100	Horizontal	Pass
2	5941.550	58.01	2.89	68.2	10.19	Peak	160.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2451186-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2451186-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2451186-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
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--END OF REPORT--