TEST REPORT

Applicant:	E&S International Enterprises, Inc.
Address:	7801 Hayvenhurst Avenue, Van Nuys, California 91406, United States
Equipment Type:	11.97" Tablet
Model Name:	RATM31249 (refer to section 2.3)
Brand Name:	RCA
FCC ID:	2AYPE-RATM31249
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	May 20, 2024
Test Date:	May 24, 2024 - Jun. 04, 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	11.97" Tablet
Model Name Under Test	RATM31249
Series Model Name	16QF27, RATM31249-*****, RATM31249F-*****, RATM31249K-***** (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	M100TBU
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: 6.79 mW U-NII-2A:6.50 mW U-NII-2C: 6.53 mW U-NII-3: 7.60 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 0.96 dBi U-NII-2A: 5250 MHz to 5350 MHz: 0.59 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.34 dBi U-NII-3: 5725 MHz to 5850 MHz: 0.67 dBi
About the Product	The equipment is 11.97" 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	44% to 64%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.8℃ to +25.6℃
	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
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
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	2024.05.09	2025.05.08
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.

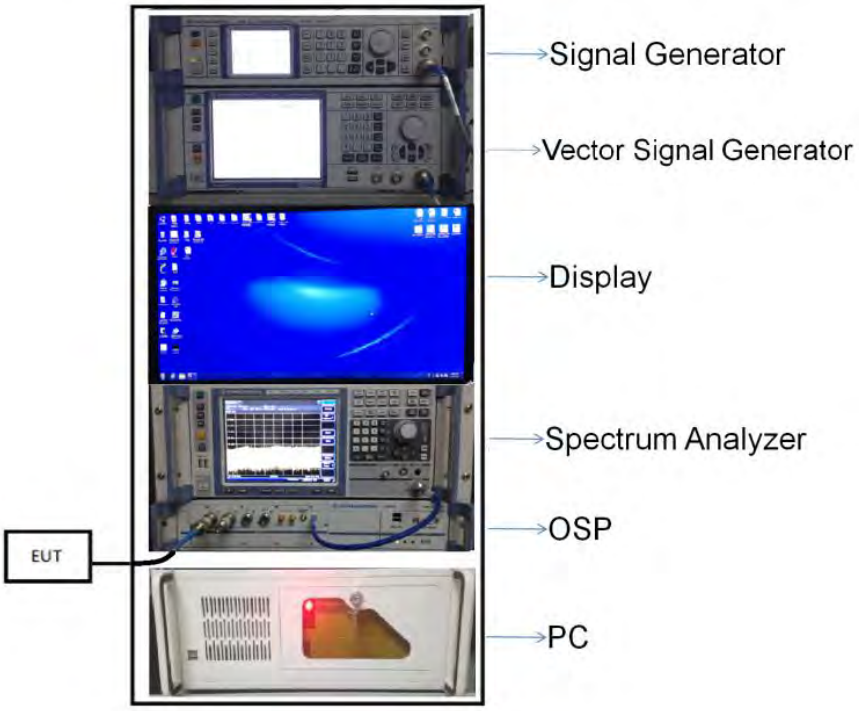
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8℃
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

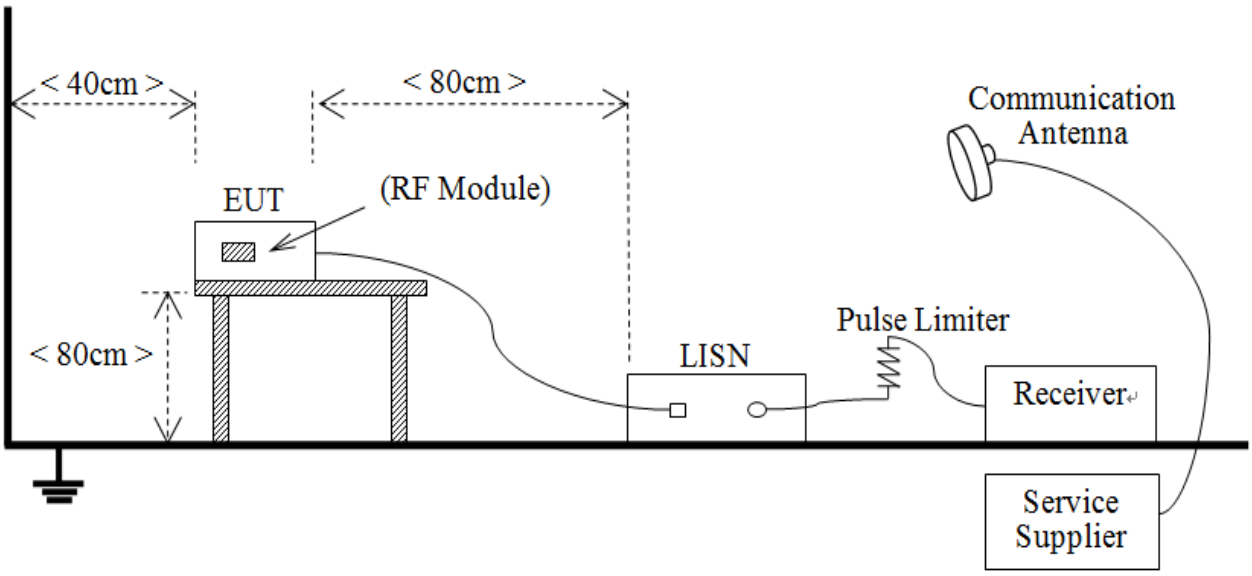
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

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



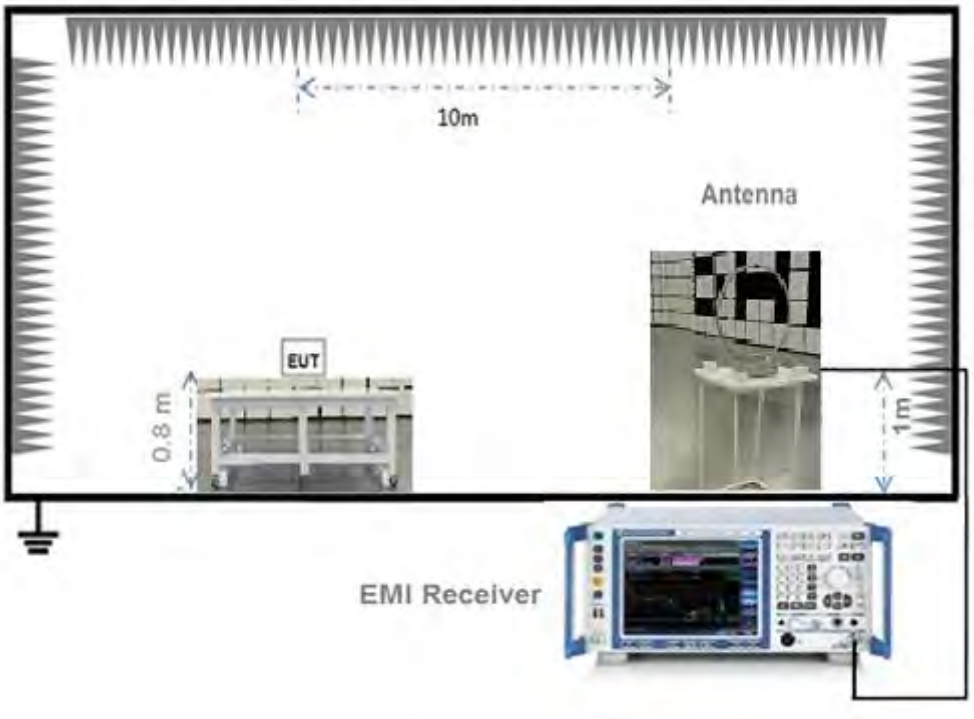
(Diagram 1)

4.5.2 For AC Power Supply Port Test



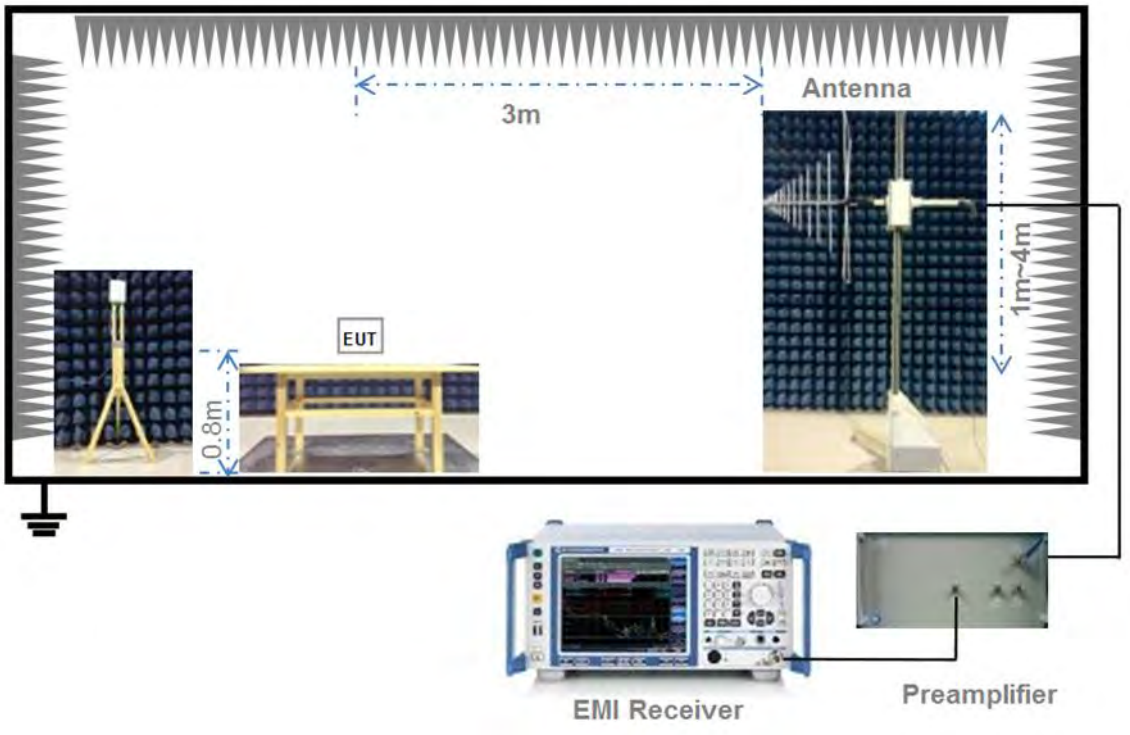
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



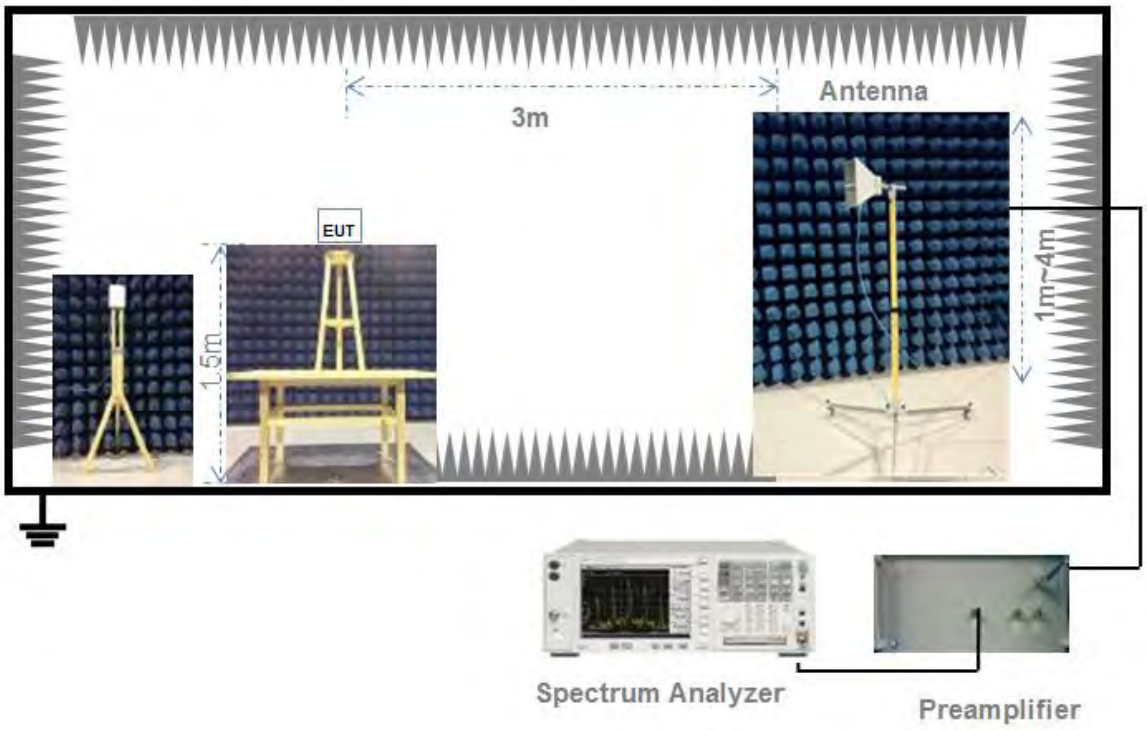
(Diagram 3)

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.

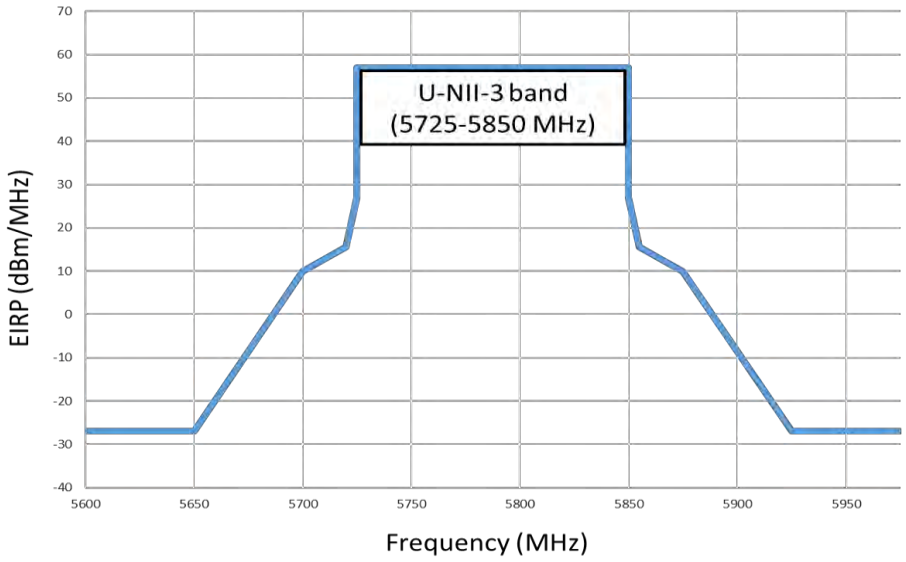
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

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	97.41%	0.11
11n (HT20)/11ac (VHT20)	1.31	1.35	97.25%	0.12
11n (HT40)/11ac (VHT40)	0.65	0.69	94.88%	0.23
11ac (VHT80)	0.32	0.36	90.12%	0.45

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	8.13	6.50	250	Pass
11a	CH44	7.98	6.28	250	Pass
11a	CH48	8.04	6.37	250	Pass
11n (HT20)	CH36	8.09	6.44	250	Pass
11n (HT20)	CH44	7.87	6.12	250	Pass
11n (HT20)	CH48	7.81	6.04	250	Pass
11n (HT40)	CH38	7.96	6.25	250	Pass
11n (HT40)	CH46	8.32	6.79	250	Pass
11ac (VHT20)	CH36	7.86	6.11	250	Pass
11ac (VHT20)	CH44	8.02	6.34	250	Pass
11ac (VHT20)	CH48	8.13	6.50	250	Pass
11ac (VHT40)	CH38	7.85	6.10	250	Pass
11ac (VHT40)	CH46	8.32	6.79	250	Pass
11ac (VHT80)	CH42	8.12	6.49	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	8.03	6.35	250	Pass
11a	CH60	8.05	6.38	250	Pass
11a	CH64	8.11	6.47	250	Pass
11n (HT20)	CH52	7.96	6.25	250	Pass
11n (HT20)	CH60	7.88	6.14	250	Pass
11n (HT20)	CH64	8.01	6.32	250	Pass
11n (HT40)	CH54	7.95	6.24	250	Pass
11n (HT40)	CH62	8.13	6.50	250	Pass
11ac (VHT20)	CH52	7.96	6.25	250	Pass
11ac (VHT20)	CH60	8.03	6.35	250	Pass
11ac (VHT20)	CH64	8.11	6.47	250	Pass
11ac (VHT40)	CH54	7.85	6.10	250	Pass
11ac (VHT40)	CH62	7.99	6.30	250	Pass
11ac (VHT80)	CH58	8.13	6.50	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	8.15	6.53	250	Pass
11a	CH116	8.04	6.37	250	Pass
11a	CH140	7.96	6.25	250	Pass
11n (HT20)	CH100	8.02	6.34	250	Pass
11n (HT20)	CH116	7.90	6.17	250	Pass
11n (HT20)	CH140	7.83	6.07	250	Pass
11n (HT40)	CH102	8.12	6.49	250	Pass
11n (HT40)	CH118	7.86	6.11	250	Pass
11n (HT40)	CH134	7.92	6.19	250	Pass
11ac (VHT20)	CH100	8.02	6.34	250	Pass
11ac (VHT20)	CH116	8.01	6.32	250	Pass
11ac (VHT20)	CH140	7.83	6.07	250	Pass
11ac (VHT40)	CH102	8.13	6.50	250	Pass
11ac (VHT40)	CH118	7.86	6.11	250	Pass
11ac (VHT40)	CH134	7.94	6.22	250	Pass
11ac (VHT80)	CH106	8.02	6.34	250	Pass
11ac (VHT80)	CH122	8.05	6.38	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	8.46	7.01	1000	Pass
11a	CH157	8.81	7.60	1000	Pass
11a	CH165	8.71	7.43	1000	Pass
11n (HT20)	CH149	8.43	6.97	1000	Pass
11n (HT20)	CH157	8.63	7.29	1000	Pass
11n (HT20)	CH165	8.49	7.06	1000	Pass
11n (HT40)	CH151	8.46	7.01	1000	Pass
11n (HT40)	CH159	8.71	7.43	1000	Pass
11ac (VHT20)	CH149	8.42	6.95	1000	Pass
11ac (VHT20)	CH157	8.56	7.18	1000	Pass
11ac (VHT20)	CH165	8.56	7.18	1000	Pass
11ac (VHT40)	CH151	8.39	6.90	1000	Pass
11ac (VHT40)	CH159	8.73	7.46	1000	Pass
11ac (VHT80)	CH155	8.66	7.35	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2450773-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	19.96	16.53
11a	CH44	20.03	16.55
11a	CH48	20.47	16.54
11n (HT20)	CH36	20.36	17.63
11n (HT20)	CH44	20.36	17.65
11n (HT20)	CH48	20.34	17.65
11n (HT40)	CH38	40.58	36.15
11n (HT40)	CH46	40.80	36.19
11ac (VHT20)	CH36	20.37	17.62
11ac (VHT20)	CH44	20.80	17.58
11ac (VHT20)	CH48	20.49	17.60
11ac (VHT40)	CH38	40.73	36.07
11ac (VHT40)	CH46	40.68	36.06
11ac (VHT80)	CH42	81.19	75.44

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.11	16.51
11a	CH60	20.03	16.54
11a	CH64	20.03	16.52
11n (HT20)	CH52	20.39	17.64
11n (HT20)	CH60	20.36	17.65
11n (HT20)	CH64	20.36	17.64
11n (HT40)	CH54	40.64	36.18
11n (HT40)	CH62	40.74	36.16
11ac (VHT20)	CH52	20.32	17.59
11ac (VHT20)	CH60	20.36	17.60
11ac (VHT20)	CH64	20.33	17.60
11ac (VHT40)	CH54	40.74	36.05
11ac (VHT40)	CH62	40.74	36.06
11ac (VHT80)	CH58	93.13	75.55

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.11	16.54
11a	CH116	20.01	16.53
11a	CH140	20.09	16.53
11n (HT20)	CH100	20.42	17.63
11n (HT20)	CH116	20.34	17.64
11n (HT20)	CH140	20.31	17.64
11n (HT40)	CH102	40.66	36.14
11n (HT40)	CH118	40.89	36.16
11n (HT40)	CH134	40.77	36.16
11ac (VHT20)	CH100	20.32	17.60
11ac (VHT20)	CH116	20.37	17.60
11ac (VHT20)	CH140	20.31	17.58
11ac (VHT40)	CH102	40.77	36.07
11ac (VHT40)	CH118	40.45	36.07
11ac (VHT40)	CH134	40.49	36.08
11ac (VHT80)	CH106	81.12	75.39
11ac (VHT80)	CH122	81.14	75.39

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.01	16.51
11a	CH157	20.08	16.49
11a	CH165	20.04	16.52
11n (HT20)	CH149	20.30	17.64
11n (HT20)	CH157	20.33	17.65
11n (HT20)	CH165	20.60	17.65
11n (HT40)	CH151	40.59	36.16
11n (HT40)	CH159	40.68	36.15
11ac (VHT20)	CH149	20.36	17.60
11ac (VHT20)	CH157	20.35	17.60
11ac (VHT20)	CH165	20.32	17.59
11ac (VHT40)	CH151	40.68	36.03
11ac (VHT40)	CH159	40.69	36.07
11ac (VHT80)	CH155	81.13	75.31

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2450773-604 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	15.40	500.00	Pass
11n (HT20)	CH149	15.30	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	35.40	500.00	Pass
11ac (VHT20)	CH149	15.30	500.00	Pass
11ac (VHT20)	CH157	15.40	500.00	Pass
11ac (VHT20)	CH165	15.40	500.00	Pass
11ac (VHT40)	CH151	35.30	500.00	Pass
11ac (VHT40)	CH159	35.40	500.00	Pass
11ac (VHT80)	CH155	75.40	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ2450773-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	-1.84	11.00	Pass
11a	CH44	-1.78	11.00	Pass
11a	CH48	-1.63	11.00	Pass
11n (HT20)	CH36	-2.15	11.00	Pass
11n (HT20)	CH44	-2.13	11.00	Pass
11n (HT20)	CH48	-1.89	11.00	Pass
11n (HT40)	CH38	-4.85	11.00	Pass
11n (HT40)	CH46	-4.42	11.00	Pass
11ac (VHT20)	CH36	-2.12	11.00	Pass
11ac (VHT20)	CH44	-2.08	11.00	Pass
11ac (VHT20)	CH48	-1.95	11.00	Pass
11ac (VHT40)	CH38	-4.80	11.00	Pass
11ac (VHT40)	CH46	-4.49	11.00	Pass
11ac (VHT80)	CH42	-7.95	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	-1.40	11.00	Pass
11a	CH60	-1.29	11.00	Pass
11a	CH64	-1.32	11.00	Pass
11n (HT20)	CH52	-1.79	11.00	Pass
11n (HT20)	CH60	-1.62	11.00	Pass
11n (HT20)	CH64	-1.64	11.00	Pass
11n (HT40)	CH54	-4.65	11.00	Pass
11n (HT40)	CH62	-4.64	11.00	Pass
11ac (VHT20)	CH52	-1.75	11.00	Pass
11ac (VHT20)	CH60	-1.58	11.00	Pass
11ac (VHT20)	CH64	-1.65	11.00	Pass
11ac (VHT40)	CH54	-4.84	11.00	Pass
11ac (VHT40)	CH62	-4.57	11.00	Pass
11ac (VHT80)	CH58	-8.20	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	-1.12	11.00	Pass
11a	CH116	-1.41	11.00	Pass
11a	CH140	-1.70	11.00	Pass
11n (HT20)	CH100	-1.55	11.00	Pass
11n (HT20)	CH116	-1.57	11.00	Pass
11n (HT20)	CH140	-1.93	11.00	Pass
11n (HT40)	CH102	-4.39	11.00	Pass
11n (HT40)	CH118	-4.44	11.00	Pass
11n (HT40)	CH134	-4.65	11.00	Pass
11ac (VHT20)	CH100	-1.52	11.00	Pass
11ac (VHT20)	CH116	-1.52	11.00	Pass
11ac (VHT20)	CH140	-2.00	11.00	Pass
11ac (VHT40)	CH102	-4.46	11.00	Pass
11ac (VHT40)	CH118	-4.52	11.00	Pass
11ac (VHT40)	CH134	-4.73	11.00	Pass
11ac (VHT80)	CH106	-7.60	11.00	Pass
11ac (VHT80)	CH122	-7.52	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-3.80	30.00	Pass
11a	CH157	-3.81	30.00	Pass
11a	CH165	-3.48	30.00	Pass
11n (HT20)	CH149	-4.08	30.00	Pass
11n (HT20)	CH157	-4.03	30.00	Pass
11n (HT20)	CH165	-3.77	30.00	Pass
11n (HT40)	CH151	-7.07	30.00	Pass
11n (HT40)	CH159	-6.91	30.00	Pass
11ac (VHT20)	CH149	-4.16	30.00	Pass
11ac (VHT20)	CH157	-4.00	30.00	Pass
11ac (VHT20)	CH165	-3.87	30.00	Pass
11ac (VHT40)	CH151	-7.08	30.00	Pass
11ac (VHT40)	CH159	-6.87	30.00	Pass
11ac (VHT80)	CH155	-9.82	30.00	Pass

A.5 Conducted Emissions

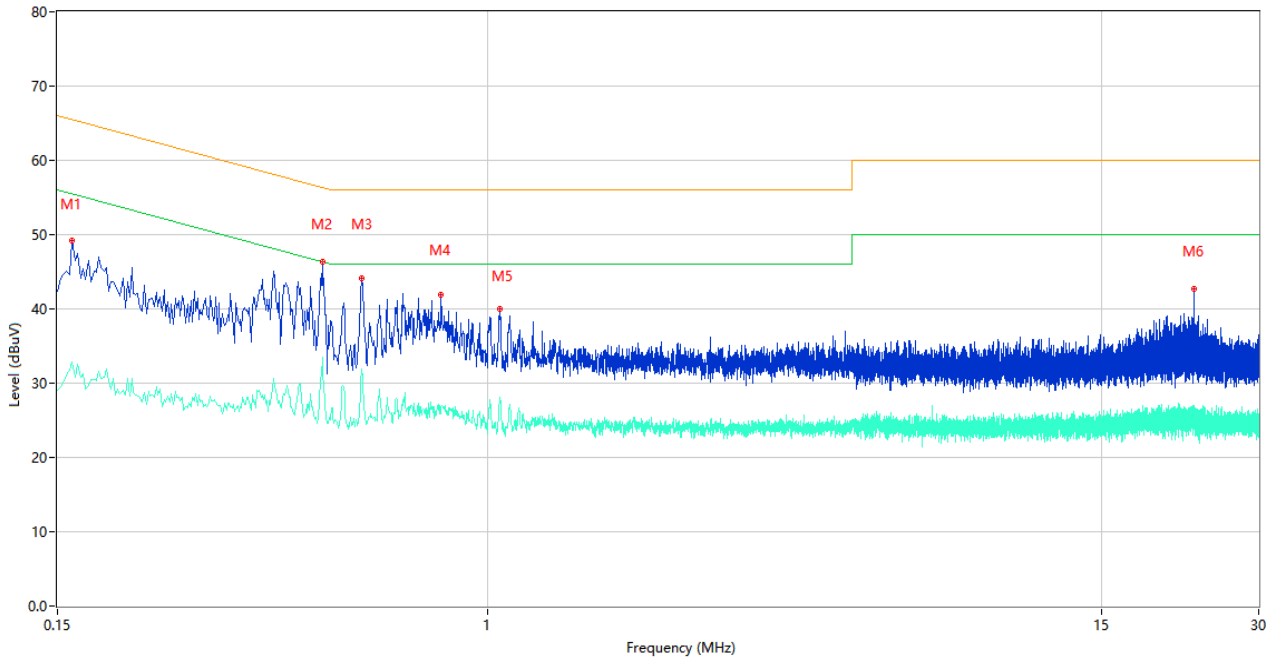
Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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 (240 VAC, 50 Hz) shown here.

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

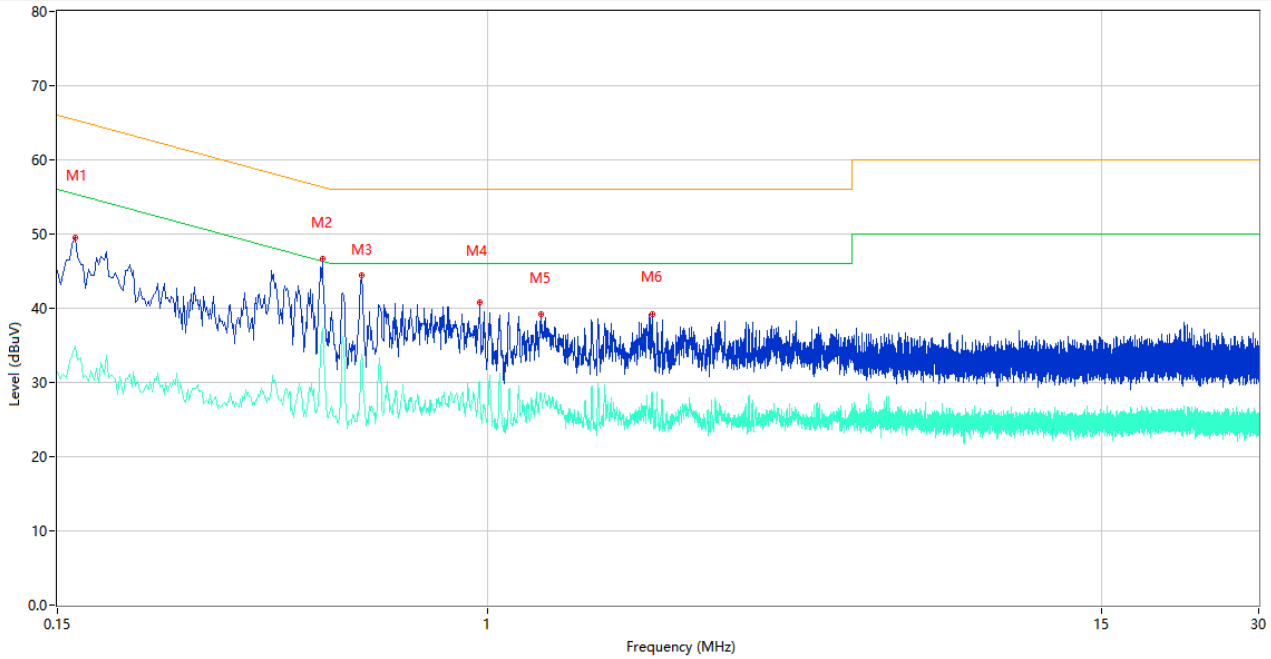
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.160	49.20	9.78	65.46	16.26	Peak	L	Pass
1**	0.160	32.84	9.78	55.46	22.62	AV	L	Pass
2	0.482	46.41	10.00	56.30	9.89	Peak	L	Pass
2**	0.482	33.42	10.00	46.30	12.88	AV	L	Pass
3	0.574	44.15	10.09	56.00	11.85	Peak	L	Pass
3**	0.574	31.97	10.09	46.00	14.03	AV	L	Pass
4	0.814	41.94	10.55	56.00	14.06	Peak	L	Pass
4**	0.814	26.83	10.55	46.00	19.17	AV	L	Pass
5	1.058	40.01	10.14	56.00	15.99	Peak	L	Pass
5**	1.058	28.09	10.14	46.00	17.91	AV	L	Pass
6	22.608	42.78	10.99	60.00	17.22	Peak	L	Pass
6**	22.608	24.52	10.99	50.00	25.48	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.162	49.47	9.78	65.36	15.89	Peak	N	Pass
1**	0.162	34.89	9.78	55.36	20.47	AV	N	Pass
2	0.482	46.59	10.00	56.30	9.71	Peak	N	Pass
2**	0.482	37.31	10.00	46.30	8.99	AV	N	Pass
3	0.574	44.48	10.09	56.00	11.52	Peak	N	Pass
3**	0.574	33.73	10.09	46.00	12.27	AV	N	Pass
4	0.968	40.82	10.03	56.00	15.18	Peak	N	Pass
4**	0.968	27.95	10.03	46.00	18.05	AV	N	Pass
5	1.264	39.19	10.47	56.00	16.81	Peak	N	Pass
5**	1.264	28.60	10.47	46.00	17.40	AV	N	Pass
6	2.068	39.21	10.26	56.00	16.79	Peak	N	Pass
6**	2.068	28.23	10.26	46.00	17.77	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.

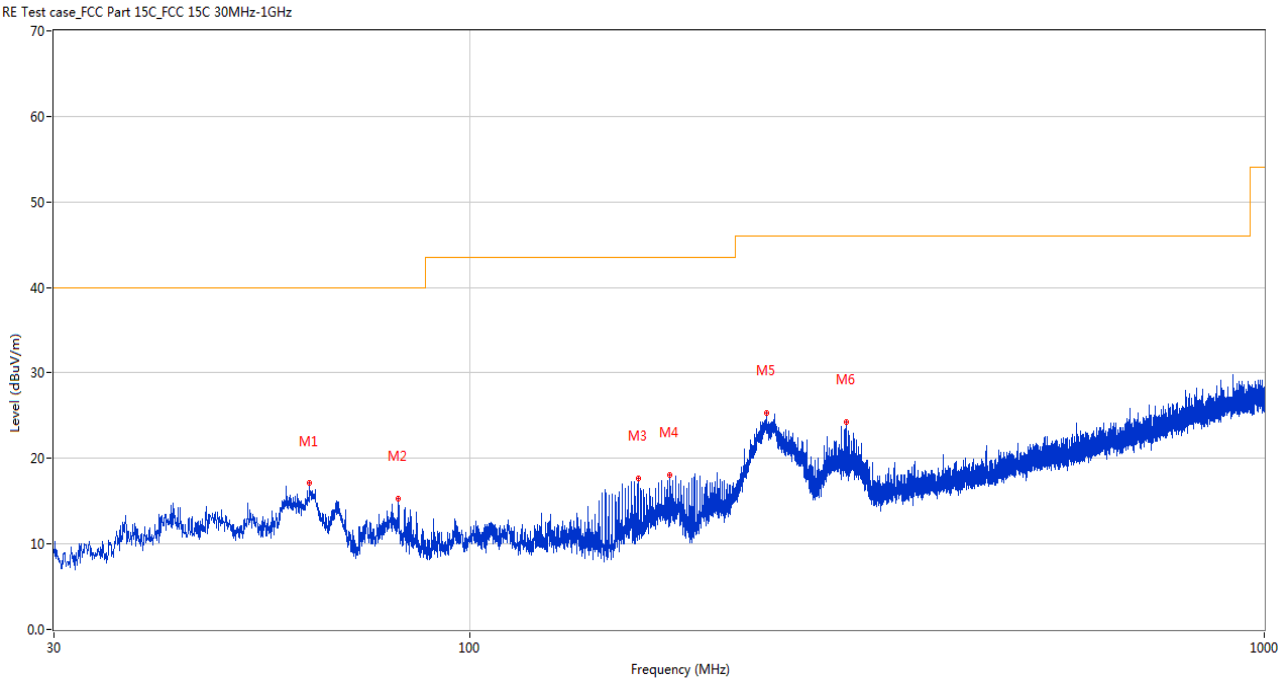
Note [2]: For the test data above 1 GHz，According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

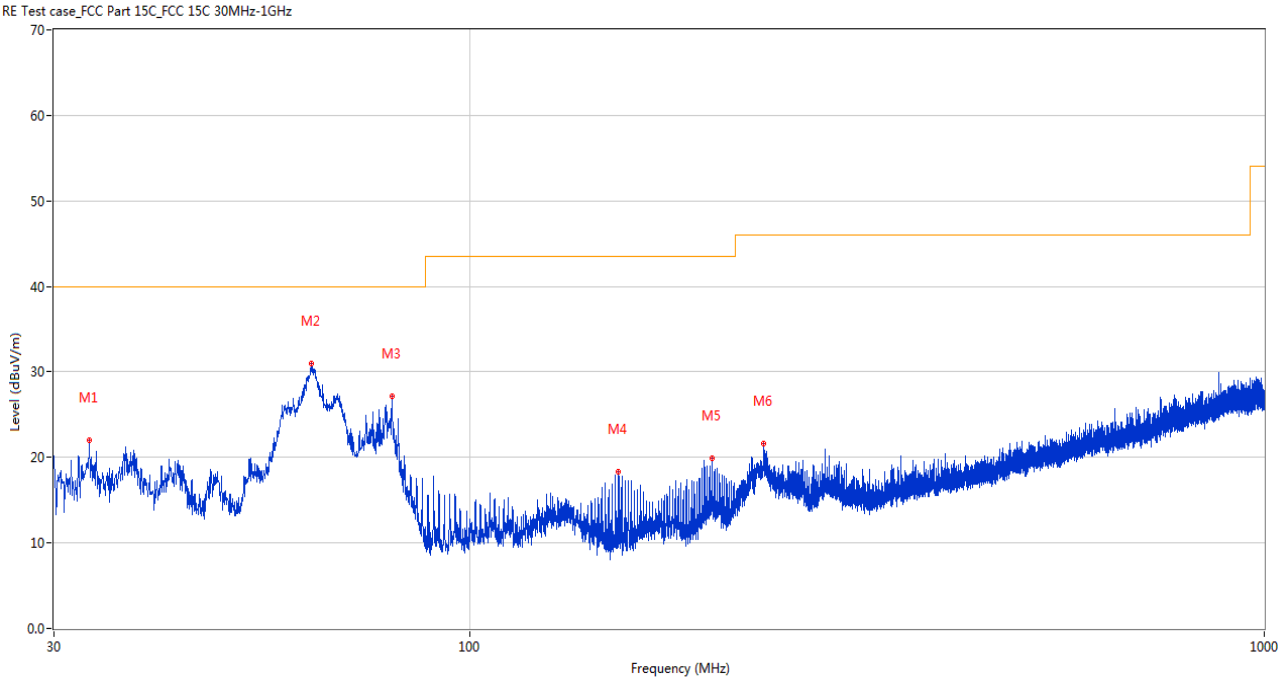
Test Data and Plots

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	62.883	17.08	-24.75	40.0	22.92	Peak	185.20	100	Horizontal	Pass
2	81.410	15.31	-28.45	40.0	24.69	Peak	216.20	200	Horizontal	Pass
3	162.890	17.70	-26.98	43.5	25.80	Peak	123.90	200	Horizontal	Pass
4	178.750	18.10	-26.12	43.5	25.40	Peak	119.00	200	Horizontal	Pass
5	236.755	25.36	-23.03	46.0	20.64	Peak	97.70	100	Horizontal	Pass
6	298.011	24.21	-21.43	46.0	21.79	Peak	86.10	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	33.249	22.02	-26.29	40.0	17.98	Peak	191.50	100	Vertical	Pass
2	63.174	31.02	-24.80	40.0	8.98	Peak	99.30	100	Vertical	Pass
3	79.810	27.21	-28.45	40.0	12.79	Peak	174.00	200	Vertical	Pass
4	154.063	18.29	-27.45	43.5	25.21	Peak	359.40	100	Vertical	Pass
5	202.078	19.95	-23.78	43.5	23.55	Peak	354.30	100	Vertical	Pass
6	234.670	21.66	-23.03	46.0	24.34	Peak	139.60	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	1650.100	57.41	-16.80	68.2	10.79	Peak	287.00	150	Horizontal	Pass
1**	1650.100	55.78	-16.80	--	--	AV	287.00	150	Horizontal	N/A
2	4379.000	50.78	-3.36	74.0	23.22	Peak	301.00	400	Horizontal	Pass
2**	4379.000	41.93	-3.36	54.0	12.07	AV	301.00	400	Horizontal	Pass
3	5179.000	106.49	-2.54	--	--	Peak	58.00	150	Horizontal	N/A
3**	5179.000	99.35	-2.54	--	--	AV	58.00	150	Horizontal	N/A
4	7340.400	50.27	-3.01	74.0	23.73	Peak	41.00	300	Horizontal	Pass
4**	7340.400	41.68	-3.01	54.0	12.32	AV	41.00	300	Horizontal	Pass
5	12218.412	52.68	1.21	74.0	21.32	Peak	25.00	200	Horizontal	Pass
5**	12218.412	43.61	1.21	54.0	10.39	AV	25.00	200	Horizontal	Pass
6	15798.412	55.26	2.28	74.0	18.74	Peak	126.00	100	Horizontal	Pass
6**	15798.412	47.00	2.28	54.0	7.00	AV	126.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1649.900	52.20	-16.82	68.2	16.00	Peak	225.00	150	Vertical	Pass
1**	1649.900	50.66	-16.82	--	--	AV	225.00	150	Vertical	N/A
2	2750.200	53.52	-10.92	74.0	20.48	Peak	360.00	150	Vertical	Pass
2**	2750.200	50.48	-10.92	54.0	3.52	AV	360.00	150	Vertical	Pass
3	5179.000	95.61	-2.54	--	--	Peak	101.00	100	Vertical	N/A
3**	5179.000	89.12	-2.54	--	--	AV	101.00	100	Vertical	N/A
4	7595.700	49.63	-3.06	74.0	24.37	Peak	69.00	100	Vertical	Pass
4**	7595.700	39.82	-3.06	54.0	14.18	AV	69.00	100	Vertical	Pass
5	12301.500	52.82	1.45	74.0	21.18	Peak	346.00	100	Vertical	Pass
5**	12301.500	43.87	1.45	54.0	10.13	AV	346.00	100	Vertical	Pass
6	15673.725	55.95	1.51	74.0	18.05	Peak	307.00	100	Vertical	Pass
6**	15673.725	46.29	1.51	54.0	7.71	AV	307.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.100	56.80	-16.80	68.2	11.40	Peak	328.00	150	Horizontal	Pass
1**	1650.100	55.24	-16.80	--	--	AV	328.00	150	Horizontal	N/A
2	4381.000	50.43	-3.49	74.0	23.57	Peak	61.00	400	Horizontal	Pass
2**	4381.000	41.82	-3.49	54.0	12.18	AV	61.00	400	Horizontal	Pass
3	5221.800	106.98	-2.69	--	--	Peak	61.00	100	Horizontal	N/A
3**	5221.800	99.51	-2.69	--	--	AV	61.00	100	Horizontal	N/A
4	7344.138	50.28	-3.45	74.0	23.72	Peak	348.00	400	Horizontal	Pass
4**	7344.138	40.38	-3.45	54.0	13.62	AV	348.00	400	Horizontal	Pass
5	12439.213	53.08	1.77	74.0	20.92	Peak	202.00	200	Horizontal	Pass
5**	12439.213	44.39	1.77	54.0	9.61	AV	202.00	200	Horizontal	Pass
6	15673.725	55.69	1.51	74.0	18.31	Peak	106.00	200	Horizontal	Pass
6**	15673.725	46.39	1.51	54.0	7.61	AV	106.00	200	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	2750.000	53.70	-10.96	74.0	20.30	Peak	0.00	150	Vertical	Pass
1**	2750.000	50.84	-10.96	54.0	3.16	AV	0.00	150	Vertical	Pass
2	3851.000	49.90	-4.86	74.0	24.10	Peak	353.00	100	Vertical	Pass
2**	3851.000	43.36	-4.86	54.0	10.64	AV	353.00	100	Vertical	Pass
3	5218.800	95.88	-2.86	--	--	Peak	102.00	150	Vertical	N/A
3**	5218.800	88.07	-2.86	--	--	AV	102.00	150	Vertical	N/A
4	7403.937	49.50	-3.67	74.0	24.50	Peak	127.00	200	Vertical	Pass
4**	7403.937	40.42	-3.67	54.0	13.58	AV	127.00	200	Vertical	Pass
5	12319.037	53.48	1.42	74.0	20.52	Peak	61.00	150	Vertical	Pass
5**	12319.037	43.84	1.42	54.0	10.16	AV	61.00	150	Vertical	Pass
6	15512.813	55.86	1.42	74.0	18.14	Peak	306.00	100	Vertical	Pass
6**	15512.813	46.25	1.42	54.0	7.75	AV	306.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.200	56.05	-16.80	68.2	12.15	Peak	247.00	150	Horizontal	Pass
1**	1650.200	54.86	-16.80	--	--	AV	247.00	150	Horizontal	N/A
2	4390.200	50.70	-3.31	74.0	23.30	Peak	251.00	300	Horizontal	Pass
2**	4390.200	42.13	-3.31	54.0	11.87	AV	251.00	300	Horizontal	Pass
3	5237.400	106.65	-2.53	--	--	Peak	326.00	150	Horizontal	N/A
3**	5237.400	99.21	-2.53	--	--	AV	326.00	150	Horizontal	N/A
4	7405.375	49.67	-3.74	74.0	24.33	Peak	279.00	400	Horizontal	Pass
4**	7405.375	39.92	-3.74	54.0	14.08	AV	279.00	400	Horizontal	Pass
5	12281.662	53.31	1.79	74.0	20.69	Peak	35.00	150	Horizontal	Pass
5**	12281.662	44.62	1.79	54.0	9.38	AV	35.00	150	Horizontal	Pass
6	15839.625	56.08	1.45	74.0	17.92	Peak	55.00	100	Horizontal	Pass
6**	15839.625	46.29	1.45	54.0	7.71	AV	55.00	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	2749.900	52.87	-10.96	74.0	21.13	Peak	345.00	150	Vertical	Pass
1**	2749.900	50.96	-10.96	54.0	3.04	AV	345.00	150	Vertical	Pass
2	4390.800	50.02	-3.35	74.0	23.98	Peak	259.00	300	Vertical	Pass
2**	4390.800	41.25	-3.35	54.0	12.75	AV	259.00	300	Vertical	Pass
3	5242.400	95.93	-2.41	--	--	Peak	105.00	100	Vertical	N/A
3**	5242.400	88.27	-2.41	--	--	AV	105.00	100	Vertical	N/A
4	7342.125	50.37	-3.19	74.0	23.63	Peak	326.00	200	Vertical	Pass
4**	7342.125	41.84	-3.19	54.0	12.16	AV	326.00	200	Vertical	Pass
5	11926.025	53.16	1.52	74.0	20.84	Peak	69.00	100	Vertical	Pass
5**	11926.025	42.91	1.52	54.0	11.09	AV	69.00	100	Vertical	Pass
6	16080.338	55.98	1.63	74.0	18.02	Peak	90.00	400	Vertical	Pass
6**	16080.338	46.73	1.63	54.0	7.27	AV	90.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.100	38.90	-17.06	74.0	35.10	Peak	0.00	300	Horizontal	Pass
1**	1596.100	30.32	-17.06	54.0	23.68	AV	0.00	300	Horizontal	Pass
2	4389.000	50.04	-3.37	74.0	23.96	Peak	144.00	100	Horizontal	Pass
2**	4389.000	41.77	-3.37	54.0	12.23	AV	144.00	100	Horizontal	Pass
3	5186.000	104.12	-2.41	--	--	Peak	229.00	200	Horizontal	N/A
3**	5186.000	95.96	-2.41	--	--	AV	229.00	200	Horizontal	N/A
4	7745.775	49.72	-2.82	74.0	24.28	Peak	177.00	200	Horizontal	Pass
4**	7745.775	39.66	-2.82	54.0	14.34	AV	177.00	200	Horizontal	Pass
5	12447.549	53.61	1.85	74.0	20.39	Peak	331.00	150	Horizontal	Pass
5**	12447.549	44.12	1.85	54.0	9.88	AV	331.00	150	Horizontal	Pass
6	15784.237	55.64	1.76	74.0	18.36	Peak	360.00	200	Horizontal	Pass
6**	15784.237	46.16	1.76	54.0	7.84	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1451.800	39.98	-17.01	74.0	34.02	Peak	48.00	200	Vertical	Pass
1**	1451.800	28.90	-17.01	54.0	25.10	AV	48.00	200	Vertical	Pass
2	4384.600	49.80	-3.54	74.0	24.20	Peak	155.00	300	Vertical	Pass
2**	4384.600	40.88	-3.54	54.0	13.12	AV	155.00	300	Vertical	Pass
3	5174.000	95.60	-2.25	--	--	Peak	18.00	200	Vertical	N/A
3**	5174.000	87.51	-2.25	--	--	AV	18.00	200	Vertical	N/A
4	7687.700	49.49	-2.17	74.0	24.51	Peak	0.00	400	Vertical	Pass
4**	7687.700	39.71	-2.17	54.0	14.29	AV	0.00	400	Vertical	Pass
5	12240.263	53.19	1.06	74.0	20.81	Peak	360.00	150	Vertical	Pass
5**	12240.263	44.08	1.06	54.0	9.92	AV	360.00	150	Vertical	Pass
6	15510.974	55.72	1.43	74.0	18.28	Peak	0.00	100	Vertical	Pass
6**	15510.974	46.37	1.43	54.0	7.63	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.000	39.19	-16.84	74.0	34.81	Peak	105.00	300	Horizontal	Pass
1**	1507.000	30.29	-16.84	54.0	23.71	AV	105.00	300	Horizontal	Pass
2	4335.800	49.98	-4.45	74.0	24.02	Peak	102.00	300	Horizontal	Pass
2**	4335.800	39.99	-4.45	54.0	14.01	AV	102.00	300	Horizontal	Pass
3	5226.800	108.99	-2.73	--	--	Peak	309.00	200	Horizontal	N/A
3**	5226.800	101.39	-2.73	--	--	AV	309.00	200	Horizontal	N/A
4	7654.638	49.54	-2.89	74.0	24.46	Peak	321.00	100	Horizontal	Pass
4**	7654.638	38.95	-2.89	54.0	15.05	AV	321.00	100	Horizontal	Pass
5	10937.600	53.02	-0.04	74.0	20.98	Peak	287.00	200	Horizontal	Pass
5**	10937.600	44.32	-0.04	54.0	9.68	AV	287.00	200	Horizontal	Pass
6	15663.750	55.50	1.32	74.0	18.50	Peak	344.00	200	Horizontal	Pass
6**	15663.750	46.00	1.32	54.0	8.00	AV	344.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.400	39.07	-16.80	74.0	34.93	Peak	235.00	100	Vertical	Pass
1**	1585.400	29.80	-16.80	54.0	24.20	AV	235.00	100	Vertical	Pass
2	4379.400	49.68	-3.32	74.0	24.32	Peak	197.00	300	Vertical	Pass
2**	4379.400	41.27	-3.32	54.0	12.73	AV	197.00	300	Vertical	Pass
3	5222.600	98.38	-2.70	--	--	Peak	121.00	100	Vertical	N/A
3**	5222.600	90.35	-2.70	--	--	AV	121.00	100	Vertical	N/A
4	7453.100	50.16	-3.30	74.0	23.84	Peak	152.00	300	Vertical	Pass
4**	7453.100	40.89	-3.30	54.0	13.11	AV	152.00	300	Vertical	Pass
5	12226.463	52.59	1.31	74.0	21.41	Peak	13.00	150	Vertical	Pass
5**	12226.463	43.52	1.31	54.0	10.48	AV	13.00	150	Vertical	Pass
6	15808.912	55.84	2.19	74.0	18.16	Peak	245.00	100	Vertical	Pass
6**	15808.912	47.16	2.19	54.0	6.84	AV	245.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.600	38.86	-17.00	74.0	35.14	Peak	212.00	400	Horizontal	Pass
1**	1457.600	29.30	-17.00	54.0	24.70	AV	212.00	400	Horizontal	Pass
2	4390.600	50.26	-3.33	74.0	23.74	Peak	98.00	200	Horizontal	Pass
2**	4390.600	41.67	-3.33	54.0	12.33	AV	98.00	200	Horizontal	Pass
3	5232.800	108.00	-2.69	--	--	Peak	308.00	100	Horizontal	N/A
3**	5232.800	97.21	-2.69	--	--	AV	308.00	100	Horizontal	N/A
4	7466.900	49.54	-3.28	74.0	24.46	Peak	286.00	300	Horizontal	Pass
4**	7466.900	40.20	-3.28	54.0	13.80	AV	286.00	300	Horizontal	Pass
5	11960.813	52.90	0.91	74.0	21.10	Peak	97.00	100	Horizontal	Pass
5**	11960.813	43.23	0.91	54.0	10.77	AV	97.00	100	Horizontal	Pass
6	16054.612	55.29	0.78	74.0	18.71	Peak	344.00	100	Horizontal	Pass
6**	16054.612	45.64	0.78	54.0	8.36	AV	344.00	100	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	1539.900	38.89	-17.05	74.0	35.11	Peak	231.00	400	Vertical	Pass
1**	1539.900	28.82	-17.05	54.0	25.18	AV	231.00	400	Vertical	Pass
2	4376.600	49.89	-3.85	74.0	24.11	Peak	284.00	200	Vertical	Pass
2**	4376.600	40.23	-3.85	54.0	13.77	AV	284.00	200	Vertical	Pass
3	5242.000	95.52	-2.48	--	--	Peak	22.00	200	Vertical	N/A
3**	5242.000	87.40	-2.48	--	--	AV	22.00	200	Vertical	N/A
4	7453.100	50.06	-3.30	74.0	23.94	Peak	15.00	400	Vertical	Pass
4**	7453.100	39.94	-3.30	54.0	14.06	AV	15.00	400	Vertical	Pass
5	12228.763	53.09	1.30	74.0	20.91	Peak	0.00	150	Vertical	Pass
5**	12228.763	43.76	1.30	54.0	10.24	AV	0.00	150	Vertical	Pass
6	16070.362	55.95	1.35	74.0	18.05	Peak	169.00	400	Vertical	Pass
6**	16070.362	46.02	1.35	54.0	7.98	AV	169.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.000	57.33	-16.81	68.2	10.87	Peak	282.00	150	Horizontal	Pass
1**	1650.000	55.33	-16.81	--	--	AV	282.00	150	Horizontal	N/A
2	4353.200	49.85	-4.34	74.0	24.15	Peak	20.00	100	Horizontal	Pass
2**	4353.200	40.69	-4.34	54.0	13.31	AV	20.00	100	Horizontal	Pass
3	5188.400	104.05	-2.33	--	--	Peak	313.00	150	Horizontal	N/A
3**	5188.400	97.46	-2.33	--	--	AV	313.00	150	Horizontal	N/A
4	7322.575	49.97	-3.31	74.0	24.03	Peak	51.00	400	Horizontal	Pass
4**	7322.575	40.17	-3.31	54.0	13.83	AV	51.00	400	Horizontal	Pass
5	12432.026	53.13	1.61	74.0	20.87	Peak	123.00	200	Horizontal	Pass
5**	12432.026	43.87	1.61	54.0	10.13	AV	123.00	200	Horizontal	Pass
6	15634.875	56.22	1.56	74.0	17.78	Peak	322.00	100	Horizontal	Pass
6**	15634.875	46.47	1.56	54.0	7.53	AV	322.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.800	43.90	-17.25	74.0	30.10	Peak	152.00	400	Vertical	Pass
1**	1512.800	39.16	-17.25	54.0	14.84	AV	152.00	400	Vertical	Pass
2	2749.900	52.64	-10.96	74.0	21.36	Peak	360.00	150	Vertical	Pass
2**	2749.900	50.16	-10.96	54.0	3.84	AV	360.00	150	Vertical	Pass
3	4379.800	50.57	-3.28	74.0	23.43	Peak	56.00	400	Vertical	Pass
3**	4379.800	41.75	-3.28	54.0	12.25	AV	56.00	400	Vertical	Pass
4	5188.600	92.89	-2.33	--	--	Peak	160.00	200	Vertical	N/A
4**	5188.600	85.19	-2.33	--	--	AV	160.00	200	Vertical	N/A
5	7350.175	49.94	-3.63	74.0	24.06	Peak	360.00	200	Vertical	Pass
5**	7350.175	41.64	-3.63	54.0	12.36	AV	360.00	200	Vertical	Pass
6	12278.213	52.94	1.74	74.0	21.06	Peak	11.00	200	Vertical	Pass
6**	12278.213	44.24	1.74	54.0	9.76	AV	11.00	200	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	1649.900	56.43	-16.82	68.2	11.77	Peak	287.00	150	Horizontal	Pass
1**	1649.900	55.38	-16.82	--	--	AV	287.00	150	Horizontal	N/A
2	4379.000	50.94	-3.36	74.0	23.06	Peak	7.00	400	Horizontal	Pass
2**	4379.000	41.91	-3.36	54.0	12.09	AV	7.00	400	Horizontal	Pass
3	5231.600	104.59	-2.57	--	--	Peak	311.00	150	Horizontal	N/A
3**	5231.600	97.66	-2.57	--	--	AV	311.00	150	Horizontal	N/A
4	7338.387	49.77	-2.90	74.0	24.23	Peak	3.00	100	Horizontal	Pass
4**	7338.387	40.82	-2.90	54.0	13.18	AV	3.00	100	Horizontal	Pass
5	12280.513	53.36	1.80	74.0	20.64	Peak	40.00	150	Horizontal	Pass
5**	12280.513	44.11	1.80	54.0	9.89	AV	40.00	150	Horizontal	Pass
6	15809.963	56.63	2.17	74.0	17.37	Peak	139.00	200	Horizontal	Pass
6**	15809.963	46.67	2.17	54.0	7.33	AV	139.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.400	45.81	-17.24	74.0	28.19	Peak	145.00	200	Vertical	Pass
1**	1512.400	38.46	-17.24	54.0	15.54	AV	145.00	200	Vertical	Pass
2	2750.100	53.29	-10.94	74.0	20.71	Peak	360.00	150	Vertical	Pass
2**	2750.100	50.61	-10.94	54.0	3.39	AV	360.00	150	Vertical	Pass
3	5227.800	94.63	-2.82	--	--	Peak	102.00	150	Vertical	N/A
3**	5227.800	86.30	-2.82	--	--	AV	102.00	150	Vertical	N/A
4	7340.975	50.53	-3.07	74.0	23.47	Peak	226.00	300	Vertical	Pass
4**	7340.975	41.44	-3.07	54.0	12.56	AV	226.00	300	Vertical	Pass
5	12427.138	53.05	1.49	74.0	20.95	Peak	65.00	150	Vertical	Pass
5**	12427.138	43.67	1.49	54.0	10.33	AV	65.00	150	Vertical	Pass
6	16146.487	55.71	1.02	74.0	18.29	Peak	285.00	200	Vertical	Pass
6**	16146.487	46.95	1.02	54.0	7.05	AV	285.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.200	56.39	-16.80	68.2	11.81	Peak	289.00	150	Horizontal	Pass
1**	1650.200	55.26	-16.80	--	--	AV	289.00	150	Horizontal	N/A
2	4391.400	50.60	-3.43	74.0	23.40	Peak	303.00	300	Horizontal	Pass
2**	4391.400	41.91	-3.43	54.0	12.09	AV	303.00	300	Horizontal	Pass
3	5178.400	106.22	-2.52	--	--	Peak	313.00	150	Horizontal	N/A
3**	5178.400	98.98	-2.52	--	--	AV	313.00	150	Horizontal	N/A
4	7338.962	49.71	-2.92	74.0	24.29	Peak	136.00	300	Horizontal	Pass
4**	7338.962	41.54	-2.92	54.0	12.46	AV	136.00	300	Horizontal	Pass
5	12216.112	53.51	1.19	74.0	20.49	Peak	326.00	100	Horizontal	Pass
5**	12216.112	43.04	1.19	54.0	10.96	AV	326.00	100	Horizontal	Pass
6	16085.588	55.90	1.52	74.0	18.10	Peak	19.00	200	Horizontal	Pass
6**	16085.588	47.57	1.52	54.0	6.43	AV	19.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.500	44.58	-17.24	74.0	29.42	Peak	226.00	300	Vertical	Pass
1**	1512.500	40.64	-17.24	54.0	13.36	AV	226.00	300	Vertical	Pass
2	4378.800	50.43	-3.38	74.0	23.57	Peak	357.00	200	Vertical	Pass
2**	4378.800	41.72	-3.38	54.0	12.28	AV	357.00	200	Vertical	Pass
3	5179.000	96.25	-2.54	--	--	Peak	98.00	100	Vertical	N/A
3**	5179.000	89.11	-2.54	--	--	AV	98.00	100	Vertical	N/A
4	7340.687	49.61	-3.04	74.0	24.39	Peak	277.00	100	Vertical	Pass
4**	7340.687	41.14	-3.04	54.0	12.86	AV	277.00	100	Vertical	Pass
5	11336.651	53.29	0.33	74.0	20.71	Peak	312.00	100	Vertical	Pass
5**	11336.651	42.84	0.33	54.0	11.16	AV	312.00	100	Vertical	Pass
6	15847.238	55.91	1.35	74.0	18.09	Peak	312.00	100	Vertical	Pass
6**	15847.238	47.21	1.35	54.0	6.79	AV	312.00	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	1650.100	56.97	-16.80	68.2	11.23	Peak	325.00	150	Horizontal	Pass
1**	1650.100	55.14	-16.80	--	--	AV	325.00	150	Horizontal	N/A
2	4391.400	49.96	-3.43	74.0	24.04	Peak	0.00	300	Horizontal	Pass
2**	4391.400	41.50	-3.43	54.0	12.50	AV	0.00	300	Horizontal	Pass
3	5219.800	107.26	-2.82	--	--	Peak	63.00	200	Horizontal	N/A
3**	5219.800	99.27	-2.82	--	--	AV	63.00	200	Horizontal	N/A
4	7552.862	49.61	-2.87	74.0	24.39	Peak	108.00	100	Horizontal	Pass
4**	7552.862	40.27	-2.87	54.0	13.73	AV	108.00	100	Horizontal	Pass
5	11788.599	52.88	1.01	74.0	21.12	Peak	91.00	100	Horizontal	Pass
5**	11788.599	43.61	1.01	54.0	10.39	AV	91.00	100	Horizontal	Pass
6	15804.713	56.34	2.27	74.0	17.66	Peak	78.00	100	Horizontal	Pass
6**	15804.713	46.91	2.27	54.0	7.09	AV	78.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.400	45.53	-17.24	74.0	28.47	Peak	152.00	300	Vertical	Pass
1**	1512.400	40.13	-17.24	54.0	13.87	AV	152.00	300	Vertical	Pass
2	4395.800	50.36	-3.95	74.0	23.64	Peak	234.00	400	Vertical	Pass
2**	4395.800	41.24	-3.95	54.0	12.76	AV	234.00	400	Vertical	Pass
3	5216.400	96.65	-2.64	--	--	Peak	94.00	150	Vertical	N/A
3**	5216.400	88.79	-2.64	--	--	AV	94.00	150	Vertical	N/A
4	7398.762	49.73	-4.06	74.0	24.27	Peak	128.00	200	Vertical	Pass
4**	7398.762	40.37	-4.06	54.0	13.63	AV	128.00	200	Vertical	Pass
5	12101.687	53.22	0.58	74.0	20.78	Peak	244.00	150	Vertical	Pass
5**	12101.687	42.52	0.58	54.0	11.48	AV	244.00	150	Vertical	Pass
6	15508.612	56.46	1.39	74.0	17.54	Peak	134.00	300	Vertical	Pass
6**	15508.612	48.04	1.39	54.0	5.96	AV	134.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.000	57.13	-16.81	68.2	11.07	Peak	281.00	150	Horizontal	Pass
1**	1650.000	55.33	-16.81	--	--	AV	281.00	150	Horizontal	N/A
2	4380.000	50.59	-3.32	74.0	23.41	Peak	133.00	300	Horizontal	Pass
2**	4380.000	41.71	-3.32	54.0	12.29	AV	133.00	300	Horizontal	Pass
3	5242.800	107.03	-2.39	--	--	Peak	56.00	100	Horizontal	N/A
3**	5242.800	98.66	-2.39	--	--	AV	56.00	100	Horizontal	N/A
4	7345.575	49.15	-3.51	74.0	24.85	Peak	138.00	300	Horizontal	Pass
4**	7345.575	40.30	-3.51	54.0	13.70	AV	138.00	300	Horizontal	Pass
5	12042.174	53.24	0.87	74.0	20.76	Peak	174.00	100	Horizontal	Pass
5**	12042.174	42.64	0.87	54.0	11.36	AV	174.00	100	Horizontal	Pass
6	16102.651	55.78	1.08	74.0	18.22	Peak	56.00	300	Horizontal	Pass
6**	16102.651	47.10	1.08	54.0	6.90	AV	56.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.500	44.91	-17.24	74.0	29.09	Peak	156.00	200	Vertical	Pass
1**	1512.500	40.76	-17.24	54.0	13.24	AV	156.00	200	Vertical	Pass
2	3849.800	50.39	-4.70	74.0	23.61	Peak	346.00	100	Vertical	Pass
2**	3849.800	44.20	-4.70	54.0	9.80	AV	346.00	100	Vertical	Pass
3	5239.000	96.34	-2.62	--	--	Peak	103.00	150	Vertical	N/A
3**	5239.000	89.54	-2.62	--	--	AV	103.00	150	Vertical	N/A
4	7336.950	49.53	-3.01	74.0	24.47	Peak	0.00	400	Vertical	Pass
4**	7336.950	40.97	-3.01	54.0	13.03	AV	0.00	400	Vertical	Pass
5	12617.175	53.38	1.84	74.0	20.62	Peak	185.00	100	Vertical	Pass
5**	12617.175	43.74	1.84	54.0	10.26	AV	185.00	100	Vertical	Pass
6	15798.150	55.68	2.27	74.0	18.32	Peak	144.00	200	Vertical	Pass
6**	15798.150	47.10	2.27	54.0	6.90	AV	144.00	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	1650.100	56.80	-16.80	68.2	11.40	Peak	295.00	150	Horizontal	Pass
1**	1650.100	55.55	-16.80	--	--	AV	295.00	150	Horizontal	N/A
2	4379.800	51.50	-3.28	74.0	22.50	Peak	54.00	100	Horizontal	Pass
2**	4379.800	41.86	-3.28	54.0	12.14	AV	54.00	100	Horizontal	Pass
3	5188.600	103.71	-2.33	--	--	Peak	324.00	200	Horizontal	N/A
3**	5188.600	96.94	-2.33	--	--	AV	324.00	200	Horizontal	N/A
4	7334.650	50.50	-3.21	74.0	23.50	Peak	42.00	300	Horizontal	Pass
4**	7334.650	41.36	-3.21	54.0	12.64	AV	42.00	300	Horizontal	Pass
5	11823.100	53.23	1.10	74.0	20.77	Peak	60.00	200	Horizontal	Pass
5**	11823.100	43.01	1.10	54.0	10.99	AV	60.00	200	Horizontal	Pass
6	15807.600	56.35	2.22	74.0	17.65	Peak	360.00	100	Horizontal	Pass
6**	15807.600	46.99	2.22	54.0	7.01	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.600	43.90	-17.24	74.0	30.10	Peak	143.00	400	Vertical	Pass
1**	1512.600	40.77	-17.24	54.0	13.23	AV	143.00	400	Vertical	Pass
2	4280.200	50.32	-4.59	74.0	23.68	Peak	0.00	200	Vertical	Pass
2**	4280.200	40.08	-4.59	54.0	13.92	AV	0.00	200	Vertical	Pass
3	5193.800	93.13	-2.40	--	--	Peak	159.00	200	Vertical	N/A
3**	5193.800	85.07	-2.40	--	--	AV	159.00	200	Vertical	N/A
4	7379.500	49.56	-3.47	74.0	24.44	Peak	299.00	200	Vertical	Pass
4**	7379.500	40.57	-3.47	54.0	13.43	AV	299.00	200	Vertical	Pass
5	12281.662	53.22	1.79	74.0	20.78	Peak	226.00	100	Vertical	Pass
5**	12281.662	44.19	1.79	54.0	9.81	AV	226.00	100	Vertical	Pass
6	15798.150	55.93	2.27	74.0	18.07	Peak	360.00	400	Vertical	Pass
6**	15798.150	46.43	2.27	54.0	7.57	AV	360.00	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	1650.100	57.14	-16.80	68.2	11.06	Peak	295.00	150	Horizontal	Pass
1**	1650.100	56.27	-16.80	--	--	AV	295.00	150	Horizontal	N/A
2	4393.600	50.55	-3.73	74.0	23.45	Peak	100.00	200	Horizontal	Pass
2**	4393.600	41.28	-3.73	54.0	12.72	AV	100.00	200	Horizontal	Pass
3	5232.000	104.88	-2.60	--	--	Peak	53.00	200	Horizontal	N/A
3**	5232.000	97.48	-2.60	--	--	AV	53.00	200	Horizontal	N/A
4	7330.337	50.51	-3.45	74.0	23.49	Peak	256.00	200	Horizontal	Pass
4**	7330.337	41.02	-3.45	54.0	12.98	AV	256.00	200	Horizontal	Pass
5	12443.525	53.10	1.80	74.0	20.90	Peak	310.00	150	Horizontal	Pass
5**	12443.525	43.23	1.80	54.0	10.77	AV	310.00	150	Horizontal	Pass
6	15655.612	56.35	1.20	74.0	17.65	Peak	249.00	100	Horizontal	Pass
6**	15655.612	46.39	1.20	54.0	7.61	AV	249.00	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	2749.800	52.56	-10.94	74.0	21.44	Peak	360.00	150	Vertical	Pass
1**	2749.800	49.98	-10.94	54.0	4.02	AV	360.00	150	Vertical	Pass
2	3850.200	50.98	-4.76	74.0	23.02	Peak	360.00	400	Vertical	Pass
2**	3850.200	43.86	-4.76	54.0	10.14	AV	360.00	400	Vertical	Pass
3	5230.800	94.33	-2.53	--	--	Peak	106.00	200	Vertical	N/A
3**	5230.800	86.56	-2.53	--	--	AV	106.00	200	Vertical	N/A
4	7318.550	50.21	-2.98	74.0	23.79	Peak	0.00	300	Vertical	Pass
4**	7318.550	41.06	-2.98	54.0	12.94	AV	0.00	300	Vertical	Pass
5	12191.674	52.97	0.69	74.0	21.03	Peak	327.00	100	Vertical	Pass
5**	12191.674	42.77	0.69	54.0	11.23	AV	327.00	100	Vertical	Pass
6	15669.787	56.67	1.42	74.0	17.33	Peak	295.00	400	Vertical	Pass
6**	15669.787	46.19	1.42	54.0	7.81	AV	295.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.100	57.68	-16.80	68.2	10.52	Peak	290.00	150	Horizontal	Pass
1**	1650.100	56.51	-16.80	--	--	AV	290.00	150	Horizontal	N/A
2	4343.200	49.95	-3.86	74.0	24.05	Peak	166.00	100	Horizontal	Pass
2**	4343.200	40.09	-3.86	54.0	13.91	AV	166.00	100	Horizontal	Pass
3	5203.400	101.92	-2.20	--	--	Peak	55.00	100	Horizontal	N/A
3**	5203.400	94.08	-2.20	--	--	AV	55.00	100	Horizontal	N/A
4	7365.987	50.19	-3.47	74.0	23.81	Peak	8.00	400	Horizontal	Pass
4**	7365.987	40.36	-3.47	54.0	13.64	AV	8.00	400	Horizontal	Pass
5	12259.526	52.77	1.07	74.0	21.23	Peak	330.00	200	Horizontal	Pass
5**	12259.526	43.98	1.07	54.0	10.02	AV	330.00	200	Horizontal	Pass
6	15802.613	56.53	2.30	74.0	17.47	Peak	350.00	300	Horizontal	Pass
6**	15802.613	46.64	2.30	54.0	7.36	AV	350.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2749.700	52.53	-10.92	74.0	21.47	Peak	0.00	150	Vertical	Pass
1**	2749.700	49.78	-10.92	54.0	4.22	AV	0.00	150	Vertical	Pass
2	4387.600	51.38	-3.37	74.0	22.62	Peak	342.00	200	Vertical	Pass
2**	4387.600	41.97	-3.37	54.0	12.03	AV	342.00	200	Vertical	Pass
3	5205.800	92.42	-2.31	--	--	Peak	101.00	200	Vertical	N/A
3**	5205.800	85.19	-2.31	--	--	AV	101.00	200	Vertical	N/A
4	7629.050	49.38	-2.95	74.0	24.62	Peak	220.00	300	Vertical	Pass
4**	7629.050	40.33	-2.95	54.0	13.67	AV	220.00	300	Vertical	Pass
5	12275.338	53.35	1.63	74.0	20.65	Peak	293.00	150	Vertical	Pass
5**	12275.338	43.33	1.63	54.0	10.67	AV	293.00	150	Vertical	Pass
6	15500.738	56.49	1.18	74.0	17.51	Peak	77.00	400	Vertical	Pass
6**	15500.738	46.42	1.18	54.0	7.58	AV	77.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.100	57.84	-16.80	68.2	10.36	Peak	287.00	150	Horizontal	Pass
1**	1650.100	56.09	-16.80	--	--	AV	287.00	150	Horizontal	N/A
2	4279.200	50.27	-4.53	74.0	23.73	Peak	137.00	400	Horizontal	Pass
2**	4279.200	40.97	-4.53	54.0	13.03	AV	137.00	400	Horizontal	Pass
3	5259.000	107.92	-1.76	--	--	Peak	327.00	150	Horizontal	N/A
3**	5259.000	100.83	-1.76	--	--	AV	327.00	150	Horizontal	N/A
4	7336.375	50.17	-3.12	74.0	23.83	Peak	144.00	200	Horizontal	Pass
4**	7336.375	41.01	-3.12	54.0	12.99	AV	144.00	200	Horizontal	Pass
5	12272.175	53.23	1.52	74.0	20.77	Peak	298.00	200	Horizontal	Pass
5**	12272.175	44.51	1.52	54.0	9.49	AV	298.00	200	Horizontal	Pass
6	16181.401	56.47	1.51	74.0	17.53	Peak	253.00	200	Horizontal	Pass
6**	16181.401	46.86	1.51	54.0	7.14	AV	253.00	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	1650.000	51.67	-16.81	68.2	16.53	Peak	229.00	150	Vertical	Pass
1**	1650.000	50.42	-16.81	--	--	AV	229.00	150	Vertical	N/A
2	2750.100	52.00	-10.94	74.0	22.00	Peak	254.00	150	Vertical	Pass
2**	2750.100	49.37	-10.94	54.0	4.63	AV	254.00	150	Vertical	Pass
3	3850.600	50.79	-4.82	74.0	23.21	Peak	358.00	100	Vertical	Pass
3**	3850.600	42.29	-4.82	54.0	11.71	AV	358.00	100	Vertical	Pass
4	5258.800	96.73	-1.76	--	--	Peak	110.00	200	Vertical	N/A
4**	5258.800	89.38	-1.76	--	--	AV	110.00	200	Vertical	N/A
5	7337.812	50.38	-2.88	74.0	23.62	Peak	360.00	300	Vertical	Pass
5**	7337.812	41.24	-2.88	54.0	12.76	AV	360.00	300	Vertical	Pass
6	12699.112	53.27	0.84	74.0	20.73	Peak	136.00	200	Vertical	Pass
6**	12699.112	43.44	0.84	54.0	10.56	AV	136.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.200	57.78	-16.80	68.2	10.42	Peak	290.00	150	Horizontal	Pass
1**	1650.200	55.44	-16.80	--	--	AV	290.00	150	Horizontal	N/A
2	4383.400	49.77	-3.64	74.0	24.23	Peak	118.00	100	Horizontal	Pass
2**	4383.400	41.61	-3.64	54.0	12.39	AV	118.00	100	Horizontal	Pass
3	5301.200	107.93	-2.82	--	--	Peak	328.00	100	Horizontal	N/A
3**	5301.200	100.41	-2.82	--	--	AV	328.00	100	Horizontal	N/A
4	7672.750	50.18	-2.36	74.0	23.82	Peak	311.00	100	Horizontal	Pass
4**	7672.750	40.19	-2.36	54.0	13.81	AV	311.00	100	Horizontal	Pass
5	12270.162	53.17	1.45	74.0	20.83	Peak	32.00	100	Horizontal	Pass
5**	12270.162	43.54	1.45	54.0	10.46	AV	32.00	100	Horizontal	Pass
6	15854.063	56.05	1.22	74.0	17.95	Peak	139.00	400	Horizontal	Pass
6**	15854.063	46.95	1.22	54.0	7.05	AV	139.00	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	1512.300	43.47	-17.23	74.0	30.53	Peak	151.00	400	Vertical	Pass
1**	1512.300	40.44	-17.23	54.0	13.56	AV	151.00	400	Vertical	Pass
2	3993.400	50.75	-4.35	74.0	23.25	Peak	56.00	200	Vertical	Pass
2**	3993.400	39.77	-4.35	54.0	14.23	AV	56.00	200	Vertical	Pass
3	5298.400	96.34	-2.87	--	--	Peak	105.00	100	Vertical	N/A
3**	5298.400	88.69	-2.87	--	--	AV	105.00	100	Vertical	N/A
4	7673.038	49.46	-2.33	74.0	24.54	Peak	0.00	400	Vertical	Pass
4**	7673.038	40.15	-2.33	54.0	13.85	AV	0.00	400	Vertical	Pass
5	12229.049	53.49	1.30	74.0	20.51	Peak	189.00	150	Vertical	Pass
5**	12229.049	43.54	1.30	54.0	10.46	AV	189.00	150	Vertical	Pass
6	15815.737	56.35	2.03	74.0	17.65	Peak	264.00	300	Vertical	Pass
6**	15815.737	46.97	2.03	54.0	7.03	AV	264.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.000	56.44	-16.81	68.2	11.76	Peak	40.00	150	Horizontal	Pass
1**	1650.000	54.71	-16.81	--	--	AV	40.00	150	Horizontal	N/A
2	4222.600	49.88	-4.24	74.0	24.12	Peak	149.00	300	Horizontal	Pass
2**	4222.600	40.32	-4.24	54.0	13.68	AV	149.00	300	Horizontal	Pass
3	5318.800	107.86	-2.36	--	--	Peak	58.00	100	Horizontal	N/A
3**	5318.800	100.36	-2.36	--	--	AV	58.00	100	Horizontal	N/A
4	7337.525	50.48	-2.90	74.0	23.52	Peak	116.00	200	Horizontal	Pass
4**	7337.525	40.68	-2.90	54.0	13.32	AV	116.00	200	Horizontal	Pass
5	12325.650	52.77	1.42	74.0	21.23	Peak	227.00	200	Horizontal	Pass
5**	12325.650	43.67	1.42	54.0	10.33	AV	227.00	200	Horizontal	Pass
6	15847.763	56.32	1.35	74.0	17.68	Peak	174.00	300	Horizontal	Pass
6**	15847.763	47.57	1.35	54.0	6.43	AV	174.00	300	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	1512.600	44.12	-17.24	74.0	29.88	Peak	154.00	400	Vertical	Pass
1**	1512.600	38.49	-17.24	54.0	15.51	AV	154.00	400	Vertical	Pass
2	4387.400	50.39	-3.35	74.0	23.61	Peak	135.00	400	Vertical	Pass
2**	4387.400	41.82	-3.35	54.0	12.18	AV	135.00	400	Vertical	Pass
3	5321.000	96.90	-2.34	--	--	Peak	101.00	200	Vertical	N/A
3**	5321.000	90.07	-2.34	--	--	AV	101.00	200	Vertical	N/A
4	7610.937	49.69	-2.92	74.0	24.31	Peak	15.00	100	Vertical	Pass
4**	7610.937	39.34	-2.92	54.0	14.66	AV	15.00	100	Vertical	Pass
5	12313.575	53.33	1.39	74.0	20.67	Peak	102.00	100	Vertical	Pass
5**	12313.575	43.75	1.39	54.0	10.25	AV	102.00	100	Vertical	Pass
6	15507.562	56.61	1.36	74.0	17.39	Peak	58.00	100	Vertical	Pass
6**	15507.562	46.25	1.36	54.0	7.75	AV	58.00	100	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	1650.100	57.79	-16.80	68.2	10.41	Peak	284.00	150	Horizontal	Pass
1**	1650.100	56.20	-16.80	--	--	AV	284.00	150	Horizontal	N/A
2	4387.800	50.09	-3.38	74.0	23.91	Peak	270.00	200	Horizontal	Pass
2**	4387.800	42.48	-3.38	54.0	11.52	AV	270.00	200	Horizontal	Pass
3	5258.600	107.67	-1.77	--	--	Peak	315.00	200	Horizontal	N/A
3**	5258.600	101.13	-1.77	--	--	AV	315.00	200	Horizontal	N/A
4	7344.425	49.99	-3.47	74.0	24.01	Peak	346.00	200	Horizontal	Pass
4**	7344.425	40.27	-3.47	54.0	13.73	AV	346.00	200	Horizontal	Pass
5	12226.175	53.38	1.31	74.0	20.62	Peak	0.00	150	Horizontal	Pass
5**	12226.175	43.88	1.31	54.0	10.12	AV	0.00	150	Horizontal	Pass
6	15677.924	56.00	1.56	74.0	18.00	Peak	178.00	200	Horizontal	Pass
6**	15677.924	45.82	1.56	54.0	8.18	AV	178.00	200	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	1512.600	43.49	-17.24	74.0	30.51	Peak	223.00	200	Vertical	Pass
1**	1512.600	38.55	-17.24	54.0	15.45	AV	223.00	200	Vertical	Pass
2	4382.000	50.78	-3.64	74.0	23.22	Peak	227.00	300	Vertical	Pass
2**	4382.000	41.00	-3.64	54.0	13.00	AV	227.00	300	Vertical	Pass
3	5260.800	96.00	-1.96	--	--	Peak	104.00	100	Vertical	N/A
3**	5260.800	88.15	-1.96	--	--	AV	104.00	100	Vertical	N/A
4	7447.063	50.00	-3.19	74.0	24.00	Peak	141.00	200	Vertical	Pass
4**	7447.063	41.40	-3.19	54.0	12.60	AV	141.00	200	Vertical	Pass
5	12278.787	54.16	1.76	74.0	19.84	Peak	0.00	200	Vertical	Pass
5**	12278.787	45.25	1.76	54.0	8.75	AV	0.00	200	Vertical	Pass
6	15638.813	55.82	1.40	74.0	18.18	Peak	360.00	300	Vertical	Pass
6**	15638.813	45.90	1.40	54.0	8.10	AV	360.00	300	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	1650.000	57.23	-16.81	68.2	10.97	Peak	326.00	150	Horizontal	Pass
1**	1650.000	55.00	-16.81	--	--	AV	326.00	150	Horizontal	N/A
2	4392.400	49.80	-3.55	74.0	24.20	Peak	241.00	100	Horizontal	Pass
2**	4392.400	41.39	-3.55	54.0	12.61	AV	241.00	100	Horizontal	Pass
3	5301.400	107.70	-2.79	--	--	Peak	55.00	200	Horizontal	N/A
3**	5301.400	100.71	-2.79	--	--	AV	55.00	200	Horizontal	N/A
4	7656.362	49.50	-2.76	74.0	24.50	Peak	174.00	300	Horizontal	Pass
4**	7656.362	38.79	-2.76	54.0	15.21	AV	174.00	300	Horizontal	Pass
5	12286.838	52.99	1.73	74.0	21.01	Peak	94.00	150	Horizontal	Pass
5**	12286.838	43.58	1.73	54.0	10.42	AV	94.00	150	Horizontal	Pass
6	15476.325	56.19	1.09	74.0	17.81	Peak	0.00	300	Horizontal	Pass
6**	15476.325	45.72	1.09	54.0	8.28	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.400	44.76	-17.24	74.0	29.24	Peak	30.00	100	Vertical	Pass
1**	1512.400	38.77	-17.24	54.0	15.23	AV	30.00	100	Vertical	Pass
2	4387.000	49.87	-3.33	74.0	24.13	Peak	50.00	400	Vertical	Pass
2**	4387.000	41.57	-3.33	54.0	12.43	AV	50.00	400	Vertical	Pass
3	5297.200	96.11	-2.86	--	--	Peak	103.00	200	Vertical	N/A
3**	5297.200	87.87	-2.86	--	--	AV	103.00	200	Vertical	N/A
4	7366.562	49.76	-3.60	74.0	24.24	Peak	261.00	100	Vertical	Pass
4**	7366.562	40.57	-3.60	54.0	13.43	AV	261.00	100	Vertical	Pass
5	12280.513	53.06	1.80	74.0	20.94	Peak	179.00	150	Vertical	Pass
5**	12280.513	44.33	1.80	54.0	9.67	AV	179.00	150	Vertical	Pass
6	16073.775	55.56	1.49	74.0	18.44	Peak	54.00	100	Vertical	Pass
6**	16073.775	47.32	1.49	54.0	6.68	AV	54.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1649.900	56.88	-16.82	68.2	11.32	Peak	241.00	150	Horizontal	Pass
1**	1649.900	55.13	-16.82	--	--	AV	241.00	150	Horizontal	N/A
2	4387.000	50.34	-3.33	74.0	23.66	Peak	360.00	200	Horizontal	Pass
2**	4387.000	40.92	-3.33	54.0	13.08	AV	360.00	200	Horizontal	Pass
3	5322.200	107.41	-2.05	--	--	Peak	321.00	100	Horizontal	N/A
3**	5322.200	99.85	-2.05	--	--	AV	321.00	100	Horizontal	N/A
4	7450.513	51.07	-3.19	74.0	22.93	Peak	168.00	200	Horizontal	Pass
4**	7450.513	40.67	-3.19	54.0	13.33	AV	168.00	200	Horizontal	Pass
5	11606.901	52.87	-0.02	74.0	21.13	Peak	205.00	100	Horizontal	Pass
5**	11606.901	42.83	-0.02	54.0	11.17	AV	205.00	100	Horizontal	Pass
6	15791.588	56.05	2.06	74.0	17.95	Peak	54.00	100	Horizontal	Pass
6**	15791.588	46.78	2.06	54.0	7.22	AV	54.00	100	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	2750.000	54.44	-10.96	74.0	19.56	Peak	33.00	150	Vertical	Pass
1**	2750.000	50.83	-10.96	54.0	3.17	AV	33.00	150	Vertical	Pass
2	4365.000	50.92	-3.92	74.0	23.08	Peak	118.00	300	Vertical	Pass
2**	4365.000	41.74	-3.92	54.0	12.26	AV	118.00	300	Vertical	Pass
3	5322.400	95.96	-2.00	--	--	Peak	96.00	150	Vertical	N/A
3**	5322.400	88.82	-2.00	--	--	AV	96.00	150	Vertical	N/A
4	7347.588	50.47	-3.70	74.0	23.53	Peak	50.00	400	Vertical	Pass
4**	7347.588	40.43	-3.70	54.0	13.57	AV	50.00	400	Vertical	Pass
5	12054.250	53.68	1.03	74.0	20.32	Peak	260.00	150	Vertical	Pass
5**	12054.250	43.16	1.03	54.0	10.84	AV	260.00	150	Vertical	Pass
6	15802.087	56.52	2.31	74.0	17.48	Peak	0.00	400	Vertical	Pass
6**	15802.087	46.53	2.31	54.0	7.47	AV	0.00	400	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	1650.200	58.33	-16.80	68.2	9.87	Peak	245.00	150	Horizontal	Pass
1**	1650.200	56.10	-16.80	--	--	AV	245.00	150	Horizontal	N/A
2	3915.000	50.23	-4.78	74.0	23.77	Peak	192.00	400	Horizontal	Pass
2**	3915.000	40.34	-4.78	54.0	13.66	AV	192.00	400	Horizontal	Pass
3	5272.800	104.78	-2.66	--	--	Peak	44.00	200	Horizontal	N/A
3**	5272.800	97.84	-2.66	--	--	AV	44.00	200	Horizontal	N/A
4	7345.862	50.15	-3.52	74.0	23.85	Peak	65.00	400	Horizontal	Pass
4**	7345.862	40.60	-3.52	54.0	13.40	AV	65.00	400	Horizontal	Pass
5	12610.850	53.68	1.89	74.0	20.32	Peak	102.00	150	Horizontal	Pass
5**	12610.850	43.80	1.89	54.0	10.20	AV	102.00	150	Horizontal	Pass
6	15513.338	56.42	1.41	74.0	17.58	Peak	244.00	100	Horizontal	Pass
6**	15513.338	46.20	1.41	54.0	7.80	AV	244.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.500	45.56	-17.24	74.0	28.44	Peak	250.00	200	Vertical	Pass
1**	1512.500	41.86	-17.24	54.0	12.14	AV	250.00	200	Vertical	Pass
2	2749.900	54.77	-10.96	74.0	19.23	Peak	26.00	150	Vertical	Pass
2**	2749.900	51.00	-10.96	54.0	3.00	AV	26.00	150	Vertical	Pass
3	3849.400	51.11	-4.64	74.0	22.89	Peak	342.00	200	Vertical	Pass
3**	3849.400	44.76	-4.64	54.0	9.24	AV	342.00	200	Vertical	Pass
4	5272.800	92.77	-2.66	--	--	Peak	101.00	100	Vertical	N/A
4**	5272.800	85.91	-2.66	--	--	AV	101.00	100	Vertical	N/A
5	7282.325	50.19	-3.41	74.0	23.81	Peak	273.00	300	Vertical	Pass
5**	7282.325	40.77	-3.41	54.0	13.23	AV	273.00	300	Vertical	Pass
6	12336.862	52.81	1.32	74.0	21.19	Peak	142.00	200	Vertical	Pass
6**	12336.862	43.01	1.32	54.0	10.99	AV	142.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.100	57.49	-16.80	68.2	10.71	Peak	235.00	150	Horizontal	Pass
1**	1650.100	55.82	-16.80	--	--	AV	235.00	150	Horizontal	N/A
2	4386.000	50.94	-3.30	74.0	23.06	Peak	0.00	100	Horizontal	Pass
2**	4386.000	42.46	-3.30	54.0	11.54	AV	0.00	100	Horizontal	Pass
3	5308.000	104.82	-2.32	--	--	Peak	313.00	200	Horizontal	N/A
3**	5308.000	97.58	-2.32	--	--	AV	313.00	200	Horizontal	N/A
4	7338.387	50.24	-2.90	74.0	23.76	Peak	205.00	200	Horizontal	Pass
4**	7338.387	41.40	-2.90	54.0	12.60	AV	205.00	200	Horizontal	Pass
5	11926.313	53.64	1.53	74.0	20.36	Peak	149.00	200	Horizontal	Pass
5**	11926.313	43.24	1.53	54.0	10.76	AV	149.00	200	Horizontal	Pass
6	15661.388	55.81	1.29	74.0	18.19	Peak	202.00	300	Horizontal	Pass
6**	15661.388	47.47	1.29	54.0	6.53	AV	202.00	300	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	2750.200	56.16	-10.92	74.0	17.84	Peak	28.00	150	Vertical	Pass
1**	2750.200	50.89	-10.92	54.0	3.11	AV	28.00	150	Vertical	Pass
2	4950.600	54.39	-2.85	74.0	19.61	Peak	169.00	150	Vertical	Pass
2**	4950.600	50.16	-2.85	54.0	3.84	AV	169.00	150	Vertical	Pass
3	5311.600	94.05	-2.35	--	--	Peak	94.00	100	Vertical	N/A
3**	5311.600	86.37	-2.35	--	--	AV	94.00	100	Vertical	N/A
4	7626.462	49.51	-2.69	74.0	24.49	Peak	15.00	300	Vertical	Pass
4**	7626.462	40.35	-2.69	54.0	13.65	AV	15.00	300	Vertical	Pass
5	12436.050	53.25	1.72	74.0	20.75	Peak	282.00	100	Vertical	Pass
5**	12436.050	43.96	1.72	54.0	10.04	AV	282.00	100	Vertical	Pass
6	15835.950	55.49	1.45	74.0	18.51	Peak	345.00	400	Vertical	Pass
6**	15835.950	44.99	1.45	54.0	9.01	AV	345.00	400	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	1650.100	57.84	-16.80	68.2	10.36	Peak	328.00	150	Horizontal	Pass
1**	1650.100	55.65	-16.80	--	--	AV	328.00	150	Horizontal	N/A
2	4386.600	50.12	-3.30	74.0	23.88	Peak	304.00	300	Horizontal	Pass
2**	4386.600	42.32	-3.30	54.0	11.68	AV	304.00	300	Horizontal	Pass
3	5258.200	107.67	-1.77	--	--	Peak	316.00	100	Horizontal	N/A
3**	5258.200	100.52	-1.77	--	--	AV	316.00	100	Horizontal	N/A
4	7347.300	49.77	-3.66	74.0	24.23	Peak	329.00	200	Horizontal	Pass
4**	7347.300	40.00	-3.66	54.0	14.00	AV	329.00	200	Horizontal	Pass
5	12290.862	53.34	1.65	74.0	20.66	Peak	294.00	100	Horizontal	Pass
5**	12290.862	43.91	1.65	54.0	10.09	AV	294.00	100	Horizontal	Pass
6	15778.987	56.59	1.49	74.0	17.41	Peak	322.00	400	Horizontal	Pass
6**	15778.987	47.67	1.49	54.0	6.33	AV	322.00	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	2750.000	53.85	-10.96	74.0	20.15	Peak	35.00	150	Vertical	Pass
1**	2750.000	50.86	-10.96	54.0	3.14	AV	35.00	150	Vertical	Pass
2	3850.200	50.05	-4.76	74.0	23.95	Peak	331.00	100	Vertical	Pass
2**	3850.200	43.09	-4.76	54.0	10.91	AV	331.00	100	Vertical	Pass
3	5258.200	94.92	-1.77	--	--	Peak	112.00	200	Vertical	N/A
3**	5258.200	87.97	-1.77	--	--	AV	112.00	200	Vertical	N/A
4	7587.937	49.43	-3.21	74.0	24.57	Peak	360.00	100	Vertical	Pass
4**	7587.937	40.26	-3.21	54.0	13.74	AV	360.00	100	Vertical	Pass
5	11785.437	54.64	1.08	74.0	19.36	Peak	65.00	200	Vertical	Pass
5**	11785.437	43.55	1.08	54.0	10.45	AV	65.00	200	Vertical	Pass
6	16043.850	55.61	0.76	74.0	18.39	Peak	324.00	300	Vertical	Pass
6**	16043.850	46.47	0.76	54.0	7.53	AV	324.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.100	57.73	-16.80	68.2	10.47	Peak	236.00	150	Horizontal	Pass
1**	1650.100	56.07	-16.80	--	--	AV	236.00	150	Horizontal	N/A
2	4380.400	50.42	-3.39	74.0	23.58	Peak	331.00	200	Horizontal	Pass
2**	4380.400	41.91	-3.39	54.0	12.09	AV	331.00	200	Horizontal	Pass
3	5300.800	107.45	-2.86	--	--	Peak	309.00	150	Horizontal	N/A
3**	5300.800	99.88	-2.86	--	--	AV	309.00	150	Horizontal	N/A
4	7450.225	49.78	-3.20	74.0	24.22	Peak	307.00	200	Horizontal	Pass
4**	7450.225	40.27	-3.20	54.0	13.73	AV	307.00	200	Horizontal	Pass
5	12233.362	53.19	1.21	74.0	20.81	Peak	219.00	100	Horizontal	Pass
5**	12233.362	43.37	1.21	54.0	10.63	AV	219.00	100	Horizontal	Pass
6	15509.401	55.29	1.42	74.0	18.71	Peak	360.00	100	Horizontal	Pass
6**	15509.401	45.43	1.42	54.0	8.57	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.100	52.92	-16.80	68.2	15.28	Peak	229.00	150	Vertical	Pass
1**	1650.100	51.55	-16.80	--	--	AV	229.00	150	Vertical	N/A
2	2750.100	54.80	-10.94	74.0	19.20	Peak	27.00	150	Vertical	Pass
2**	2750.100	50.98	-10.94	54.0	3.02	AV	27.00	150	Vertical	Pass
3	4386.400	50.12	-3.29	74.0	23.88	Peak	351.00	200	Vertical	Pass
3**	4386.400	41.79	-3.29	54.0	12.21	AV	351.00	200	Vertical	Pass
4	5301.200	95.51	-2.82	--	--	Peak	83.00	150	Vertical	N/A
4**	5301.200	88.57	-2.82	--	--	AV	83.00	150	Vertical	N/A
5	7427.800	49.85	-3.34	74.0	24.15	Peak	31.00	400	Vertical	Pass
5**	7427.800	39.77	-3.34	54.0	14.23	AV	31.00	400	Vertical	Pass
6	12261.826	53.53	1.15	74.0	20.47	Peak	0.00	200	Vertical	Pass
6**	12261.826	43.41	1.15	54.0	10.59	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.200	56.67	-16.80	68.2	11.53	Peak	294.00	150	Horizontal	Pass
1**	1650.200	55.25	-16.80	--	--	AV	294.00	150	Horizontal	N/A
2	4382.800	50.77	-3.64	74.0	23.23	Peak	108.00	300	Horizontal	Pass
2**	4382.800	41.58	-3.64	54.0	12.42	AV	108.00	300	Horizontal	Pass
3	5321.800	107.58	-2.16	--	--	Peak	40.00	200	Horizontal	N/A
3**	5321.800	99.80	-2.16	--	--	AV	40.00	200	Horizontal	N/A
4	7365.125	49.69	-3.36	74.0	24.31	Peak	48.00	300	Horizontal	Pass
4**	7365.125	40.78	-3.36	54.0	13.22	AV	48.00	300	Horizontal	Pass
5	12520.575	53.30	1.47	74.0	20.70	Peak	48.00	200	Horizontal	Pass
5**	12520.575	43.32	1.47	54.0	10.68	AV	48.00	200	Horizontal	Pass
6	15800.776	56.53	2.32	74.0	17.47	Peak	120.00	100	Horizontal	Pass
6**	15800.776	46.86	2.32	54.0	7.14	AV	120.00	100	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	2750.100	53.89	-10.94	74.0	20.11	Peak	210.00	150	Vertical	Pass
1**	2750.100	50.83	-10.94	54.0	3.17	AV	210.00	150	Vertical	Pass
2	3850.600	50.34	-4.82	74.0	23.66	Peak	329.00	400	Vertical	Pass
2**	3850.600	43.64	-4.82	54.0	10.36	AV	329.00	400	Vertical	Pass
3	5318.000	96.02	-2.47	--	--	Peak	106.00	150	Vertical	N/A
3**	5318.000	89.28	-2.47	--	--	AV	106.00	150	Vertical	N/A
4	7617.838	49.56	-2.71	74.0	24.44	Peak	360.00	100	Vertical	Pass
4**	7617.838	40.38	-2.71	54.0	13.62	AV	360.00	100	Vertical	Pass
5	12249.175	53.00	0.96	74.0	21.00	Peak	67.00	150	Vertical	Pass
5**	12249.175	43.83	0.96	54.0	10.17	AV	67.00	150	Vertical	Pass
6	15769.012	56.07	1.06	74.0	17.93	Peak	99.00	100	Vertical	Pass
6**	15769.012	45.90	1.06	54.0	8.10	AV	99.00	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	1650.000	58.09	-16.81	68.2	10.11	Peak	293.00	150	Horizontal	Pass
1**	1650.000	56.33	-16.81	--	--	AV	293.00	150	Horizontal	N/A
2	4316.200	49.46	-4.07	74.0	24.54	Peak	106.00	300	Horizontal	Pass
2**	4316.200	41.56	-4.07	54.0	12.44	AV	106.00	300	Horizontal	Pass
3	5275.000	104.99	-2.59	--	--	Peak	310.00	100	Horizontal	N/A
3**	5275.000	97.39	-2.59	--	--	AV	310.00	100	Horizontal	N/A
4	7449.937	50.22	-3.21	74.0	23.78	Peak	225.00	100	Horizontal	Pass
4**	7449.937	40.35	-3.21	54.0	13.65	AV	225.00	100	Horizontal	Pass
5	12085.012	53.45	0.54	74.0	20.55	Peak	208.00	200	Horizontal	Pass
5**	12085.012	44.29	0.54	54.0	9.71	AV	208.00	200	Horizontal	Pass
6	15793.950	55.84	2.13	74.0	18.16	Peak	303.00	400	Horizontal	Pass
6**	15793.950	47.26	2.13	54.0	6.74	AV	303.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.200	44.48	-17.23	74.0	29.52	Peak	244.00	100	Vertical	Pass
1**	1512.200	39.96	-17.23	54.0	14.04	AV	244.00	100	Vertical	Pass
2	2750.200	54.69	-10.92	74.0	19.31	Peak	202.00	150	Vertical	Pass
2**	2750.200	52.12	-10.92	54.0	3.88	AV	202.00	150	Vertical	Pass
3	4366.600	50.38	-3.84	74.0	23.62	Peak	332.00	100	Vertical	Pass
3**	4366.600	40.73	-3.84	54.0	13.27	AV	332.00	100	Vertical	Pass
4	5272.400	93.01	-2.68	--	--	Peak	91.00	100	Vertical	N/A
4**	5272.400	85.00	-2.68	--	--	AV	91.00	100	Vertical	N/A
5	7668.438	49.91	-2.75	74.0	24.09	Peak	234.00	200	Vertical	Pass
5**	7668.438	40.21	-2.75	54.0	13.79	AV	234.00	200	Vertical	Pass
6	12608.263	53.74	1.90	74.0	20.26	Peak	13.00	150	Vertical	Pass
6**	12608.263	43.98	1.90	54.0	10.02	AV	13.00	150	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	1650.200	57.09	-16.80	68.2	11.11	Peak	280.00	150	Horizontal	Pass
1**	1650.200	54.93	-16.80	--	--	AV	280.00	150	Horizontal	N/A
2	4231.800	50.88	-3.82	74.0	23.12	Peak	21.00	300	Horizontal	Pass
2**	4231.800	40.59	-3.82	54.0	13.41	AV	21.00	300	Horizontal	Pass
3	5311.600	105.20	-2.35	--	--	Peak	42.00	150	Horizontal	N/A
3**	5311.600	97.62	-2.35	--	--	AV	42.00	150	Horizontal	N/A
4	7348.738	49.70	-3.74	74.0	24.30	Peak	187.00	100	Horizontal	Pass
4**	7348.738	40.13	-3.74	54.0	13.87	AV	187.00	100	Horizontal	Pass
5	12315.875	53.20	1.41	74.0	20.80	Peak	291.00	100	Horizontal	Pass
5**	12315.875	44.54	1.41	54.0	9.46	AV	291.00	100	Horizontal	Pass
6	15676.875	56.05	1.55	74.0	17.95	Peak	168.00	100	Horizontal	Pass
6**	15676.875	47.31	1.55	54.0	6.69	AV	168.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.700	44.99	-17.24	74.0	29.01	Peak	234.00	300	Vertical	Pass
1**	1512.700	41.02	-17.24	54.0	12.98	AV	234.00	300	Vertical	Pass
2	2750.100	54.55	-10.94	74.0	19.45	Peak	32.00	150	Vertical	Pass
2**	2750.100	50.94	-10.94	54.0	3.06	AV	32.00	150	Vertical	Pass
3	3849.400	50.34	-4.64	74.0	23.66	Peak	319.00	100	Vertical	Pass
3**	3849.400	42.36	-4.64	54.0	11.64	AV	319.00	100	Vertical	Pass
4	5311.400	94.10	-2.35	--	--	Peak	86.00	150	Vertical	N/A
4**	5311.400	87.89	-2.35	--	--	AV	86.00	150	Vertical	N/A
5	7322.000	50.63	-3.24	74.0	23.37	Peak	109.00	400	Vertical	Pass
5**	7322.000	40.45	-3.24	54.0	13.55	AV	109.00	400	Vertical	Pass
6	11940.975	53.46	1.66	74.0	20.54	Peak	354.00	150	Vertical	Pass
6**	11940.975	44.13	1.66	54.0	9.87	AV	354.00	150	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	1650.200	57.72	-16.80	68.2	10.48	Peak	329.00	150	Horizontal	Pass
1**	1650.200	56.33	-16.80	--	--	AV	329.00	150	Horizontal	N/A
2	4387.000	50.29	-3.33	74.0	23.71	Peak	62.00	300	Horizontal	Pass
2**	4387.000	41.63	-3.33	54.0	12.37	AV	62.00	300	Horizontal	Pass
3	5283.400	102.41	-2.64	--	--	Peak	306.00	200	Horizontal	N/A
3**	5283.400	94.81	-2.64	--	--	AV	306.00	200	Horizontal	N/A
4	7334.075	49.49	-3.17	74.0	24.51	Peak	116.00	200	Horizontal	Pass
4**	7334.075	40.54	-3.17	54.0	13.46	AV	116.00	200	Horizontal	Pass
5	12433.175	53.60	1.65	74.0	20.40	Peak	169.00	100	Horizontal	Pass
5**	12433.175	44.39	1.65	54.0	9.61	AV	169.00	100	Horizontal	Pass
6	15665.325	56.16	1.35	74.0	17.84	Peak	77.00	100	Horizontal	Pass
6**	15665.325	46.62	1.35	54.0	7.38	AV	77.00	100	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	1650.000	52.77	-16.81	68.2	15.43	Peak	230.00	150	Vertical	Pass
1**	1650.000	51.03	-16.81	--	--	AV	230.00	150	Vertical	N/A
2	2750.300	54.20	-10.90	74.0	19.80	Peak	38.00	150	Vertical	Pass
2**	2750.300	50.94	-10.90	54.0	3.06	AV	38.00	150	Vertical	Pass
3	4388.400	49.81	-3.40	74.0	24.19	Peak	360.00	100	Vertical	Pass
3**	4388.400	41.31	-3.40	54.0	12.69	AV	360.00	100	Vertical	Pass
4	5296.400	89.99	-2.90	--	--	Peak	110.00	200	Vertical	N/A
4**	5296.400	82.64	-2.90	--	--	AV	110.00	200	Vertical	N/A
5	7341.837	50.23	-3.15	74.0	23.77	Peak	12.00	200	Vertical	Pass
5**	7341.837	41.06	-3.15	54.0	12.94	AV	12.00	200	Vertical	Pass
6	12309.262	53.23	1.37	74.0	20.77	Peak	237.00	200	Vertical	Pass
6**	12309.262	44.01	1.37	54.0	9.99	AV	237.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.100	58.44	-16.80	68.2	9.76	Peak	299.00	150	Horizontal	Pass
1**	1650.100	56.47	-16.80	--	--	AV	299.00	150	Horizontal	N/A
2	4392.000	50.11	-3.50	74.0	23.89	Peak	134.00	400	Horizontal	Pass
2**	4392.000	41.48	-3.50	54.0	12.52	AV	134.00	400	Horizontal	Pass
3	5498.400	109.91	-1.63	--	--	Peak	53.00	100	Horizontal	N/A
3**	5498.400	101.82	-1.63	--	--	AV	53.00	100	Horizontal	N/A
4	7336.088	49.53	-3.18	74.0	24.47	Peak	231.00	300	Horizontal	Pass
4**	7336.088	40.92	-3.18	54.0	13.08	AV	231.00	300	Horizontal	Pass
5	12403.276	53.01	1.51	74.0	20.99	Peak	165.00	200	Horizontal	Pass
5**	12403.276	43.58	1.51	54.0	10.42	AV	165.00	200	Horizontal	Pass
6	16136.250	55.97	1.06	74.0	18.03	Peak	186.00	400	Horizontal	Pass
6**	16136.250	46.29	1.06	54.0	7.71	AV	186.00	400	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	2749.900	55.56	-10.96	74.0	18.44	Peak	38.00	150	Vertical	Pass
1**	2749.900	50.88	-10.96	54.0	3.12	AV	38.00	150	Vertical	Pass
2	4385.400	50.47	-3.40	74.0	23.53	Peak	348.00	200	Vertical	Pass
2**	4385.400	42.56	-3.40	54.0	11.44	AV	348.00	200	Vertical	Pass
3	5501.400	96.52	-1.43	--	--	Peak	334.00	150	Vertical	N/A
3**	5501.400	88.91	-1.43	--	--	AV	334.00	150	Vertical	N/A
4	7616.975	50.33	-2.63	74.0	23.67	Peak	109.00	300	Vertical	Pass
4**	7616.975	40.15	-2.63	54.0	13.85	AV	109.00	300	Vertical	Pass
5	12276.200	53.60	1.66	74.0	20.40	Peak	336.00	200	Vertical	Pass
5**	12276.200	43.89	1.66	54.0	10.11	AV	336.00	200	Vertical	Pass
6	16104.750	56.54	0.99	74.0	17.46	Peak	342.00	300	Vertical	Pass
6**	16104.750	46.24	0.99	54.0	7.76	AV	342.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.000	57.23	-16.81	68.2	10.97	Peak	251.00	150	Horizontal	Pass
1**	1650.000	55.43	-16.81	--	--	AV	251.00	150	Horizontal	N/A
2	4257.400	50.94	-4.53	74.0	23.06	Peak	360.00	150	Horizontal	Pass
2**	4257.400	40.15	-4.53	54.0	13.85	AV	360.00	150	Horizontal	Pass
3	5581.000	109.24	-1.70	--	--	Peak	51.00	100	Horizontal	N/A
3**	5581.000	101.89	-1.70	--	--	AV	51.00	100	Horizontal	N/A
4	7338.675	50.60	-2.91	74.0	23.40	Peak	276.00	300	Horizontal	Pass
4**	7338.675	41.07	-2.91	54.0	12.93	AV	276.00	300	Horizontal	Pass
5	11918.262	53.40	1.49	74.0	20.60	Peak	196.00	150	Horizontal	Pass
5**	11918.262	43.46	1.49	54.0	10.54	AV	196.00	150	Horizontal	Pass
6	15510.974	56.84	1.43	74.0	17.16	Peak	299.00	100	Horizontal	Pass
6**	15510.974	48.18	1.43	54.0	5.82	AV	299.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.300	45.60	-17.23	74.0	28.40	Peak	229.00	400	Vertical	Pass
1**	1512.300	41.75	-17.23	54.0	12.25	AV	229.00	400	Vertical	Pass
2	2750.200	53.99	-10.92	74.0	20.01	Peak	34.00	150	Vertical	Pass
2**	2750.200	50.95	-10.92	54.0	3.05	AV	34.00	150	Vertical	Pass
3	5581.400	97.23	-1.71	--	--	Peak	89.00	200	Vertical	N/A
3**	5581.400	89.29	-1.71	--	--	AV	89.00	200	Vertical	N/A
4	7353.625	49.93	-3.80	74.0	24.07	Peak	111.00	100	Vertical	Pass
4**	7353.625	40.72	-3.80	54.0	13.28	AV	111.00	100	Vertical	Pass
5	12269.300	53.00	1.43	74.0	21.00	Peak	62.00	150	Vertical	Pass
5**	12269.300	44.02	1.43	54.0	9.98	AV	62.00	150	Vertical	Pass
6	15804.450	55.98	2.28	74.0	18.02	Peak	270.00	400	Vertical	Pass
6**	15804.450	46.53	2.28	54.0	7.47	AV	270.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1649.900	57.11	-16.82	68.2	11.09	Peak	35.00	150	Horizontal	Pass
1**	1649.900	55.68	-16.82	--	--	AV	35.00	150	Horizontal	N/A
2	2749.200	49.12	-10.84	74.0	24.88	Peak	284.00	150	Horizontal	Pass
2**	2749.200	40.73	-10.84	54.0	13.27	AV	284.00	150	Horizontal	Pass
3	5698.600	107.41	-1.03	--	--	Peak	300.00	100	Horizontal	N/A
3**	5698.600	100.10	-1.03	--	--	AV	300.00	100	Horizontal	N/A
4	7449.075	49.45	-3.24	74.0	24.55	Peak	96.00	150	Horizontal	Pass
4**	7449.075	40.64	-3.24	54.0	13.36	AV	96.00	150	Horizontal	Pass
5	12311.276	53.17	1.38	74.0	20.83	Peak	193.00	300	Horizontal	Pass
5**	12311.276	43.93	1.38	54.0	10.07	AV	193.00	300	Horizontal	Pass
6	15389.438	55.64	0.53	74.0	18.36	Peak	126.00	100	Horizontal	Pass
6**	15389.438	45.53	0.53	54.0	8.47	AV	126.00	100	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	1512.400	44.72	-17.24	74.0	29.28	Peak	237.00	100	Vertical	Pass
1**	1512.400	39.84	-17.24	54.0	14.16	AV	237.00	100	Vertical	Pass
2	2750.400	53.61	-10.89	74.0	20.39	Peak	37.00	150	Vertical	Pass
2**	2750.400	50.92	-10.89	54.0	3.08	AV	37.00	150	Vertical	Pass
3	5697.600	98.11	-1.16	--	--	Peak	92.00	100	Vertical	N/A
3**	5697.600	91.32	-1.16	--	--	AV	92.00	100	Vertical	N/A
4	7330.625	49.77	-3.43	74.0	24.23	Peak	308.00	300	Vertical	Pass
4**	7330.625	40.61	-3.43	54.0	13.39	AV	308.00	300	Vertical	Pass
5	12603.375	53.31	1.91	74.0	20.69	Peak	360.00	100	Vertical	Pass
5**	12603.375	44.21	1.91	54.0	9.79	AV	360.00	100	Vertical	Pass
6	16097.662	55.94	1.26	74.0	18.06	Peak	153.00	300	Vertical	Pass
6**	16097.662	46.19	1.26	54.0	7.81	AV	153.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.000	57.15	-16.81	68.2	11.05	Peak	335.00	150	Horizontal	Pass
1**	1650.000	56.00	-16.81	--	--	AV	335.00	150	Horizontal	N/A
2	4389.200	50.81	-3.36	74.0	23.19	Peak	269.00	200	Horizontal	Pass
2**	4389.200	42.15	-3.36	54.0	11.85	AV	269.00	200	Horizontal	Pass
3	5502.000	109.28	-1.37	--	--	Peak	41.00	300	Horizontal	N/A
3**	5502.000	102.52	-1.37	--	--	AV	41.00	300	Horizontal	N/A
4	7340.400	50.08	-3.01	74.0	23.92	Peak	255.00	100	Horizontal	Pass
4**	7340.400	40.86	-3.01	54.0	13.14	AV	255.00	100	Horizontal	Pass
5	12605.100	53.26	1.92	74.0	20.74	Peak	86.00	200	Horizontal	Pass
5**	12605.100	43.80	1.92	54.0	10.20	AV	86.00	200	Horizontal	Pass
6	15785.287	55.81	1.81	74.0	18.19	Peak	251.00	300	Horizontal	Pass
6**	15785.287	46.33	1.81	54.0	7.67	AV	251.00	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	2750.300	55.74	-10.90	74.0	18.26	Peak	28.00	150	Vertical	Pass
1**	2750.300	50.89	-10.90	54.0	3.11	AV	28.00	150	Vertical	Pass
2	4378.200	50.02	-3.44	74.0	23.98	Peak	310.00	300	Vertical	Pass
2**	4378.200	41.15	-3.44	54.0	12.85	AV	310.00	300	Vertical	Pass
3	5502.400	95.92	-1.37	--	--	Peak	98.00	100	Vertical	N/A
3**	5502.400	89.24	-1.37	--	--	AV	98.00	100	Vertical	N/A
4	7690.575	49.30	-2.42	74.0	24.70	Peak	215.00	200	Vertical	Pass
4**	7690.575	40.45	-2.42	54.0	13.55	AV	215.00	200	Vertical	Pass
5	12407.875	53.41	1.46	74.0	20.59	Peak	215.00	100	Vertical	Pass
5**	12407.875	43.92	1.46	54.0	10.08	AV	215.00	100	Vertical	Pass
6	15663.750	56.55	1.32	74.0	17.45	Peak	187.00	300	Vertical	Pass
6**	15663.750	47.02	1.32	54.0	6.98	AV	187.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.200	56.82	-16.80	68.2	11.38	Peak	288.00	150	Horizontal	Pass
1**	1650.200	55.30	-16.80	--	--	AV	288.00	150	Horizontal	N/A
2	4391.800	50.48	-3.48	74.0	23.52	Peak	95.00	400	Horizontal	Pass
2**	4391.800	41.47	-3.48	54.0	12.53	AV	95.00	400	Horizontal	Pass
3	5578.600	108.97	-1.61	--	--	Peak	39.00	200	Horizontal	N/A
3**	5578.600	101.77	-1.61	--	--	AV	39.00	200	Horizontal	N/A
4	7685.975	50.01	-1.99	74.0	23.99	Peak	16.00	300	Horizontal	Pass
4**	7685.975	40.26	-1.99	54.0	13.74	AV	16.00	300	Horizontal	Pass
5	12275.912	53.20	1.65	74.0	20.80	Peak	99.00	100	Horizontal	Pass
5**	12275.912	44.24	1.65	54.0	9.76	AV	99.00	100	Horizontal	Pass
6	15630.937	56.77	1.67	74.0	17.23	Peak	101.00	400	Horizontal	Pass
6**	15630.937	45.65	1.67	54.0	8.35	AV	101.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2750.100	54.18	-10.94	74.0	19.82	Peak	205.00	150	Vertical	Pass
1**	2750.100	50.94	-10.94	54.0	3.16	AV	205.00	150	Vertical	Pass
2	4382.200	51.30	-3.64	74.0	22.70	Peak	57.00	200	Vertical	Pass
2**	4382.200	42.77	-3.64	54.0	11.23	AV	57.00	200	Vertical	Pass
3	5581.600	96.39	-1.72	--	--	Peak	98.00	100	Vertical	N/A
3**	5581.600	89.37	-1.72	--	--	AV	98.00	100	Vertical	N/A
4	7441.312	49.90	-3.43	74.0	24.10	Peak	29.00	400	Vertical	Pass
4**	7441.312	39.75	-3.43	54.0	14.25	AV	29.00	400	Vertical	Pass
5	12280.800	53.33	1.80	74.0	20.67	Peak	281.00	150	Vertical	Pass
5**	12280.800	44.25	1.80	54.0	9.75	AV	281.00	150	Vertical	Pass
6	16092.937	55.79	1.37	74.0	18.21	Peak	0.00	400	Vertical	Pass
6**	16092.937	46.11	1.37	54.0	7.89	AV	0.00	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	1650.100	57.72	-16.80	68.2	10.48	Peak	293.00	100	Horizontal	Pass
1**	1650.100	56.13	-16.80	--	--	AV	293.00	100	Horizontal	N/A
2	4395.200	51.34	-3.91	74.0	22.66	Peak	269.00	150	Horizontal	Pass
2**	4395.200	40.99	-3.91	54.0	13.01	AV	269.00	150	Horizontal	Pass
3	5698.800	107.10	-1.01	--	--	Peak	301.00	200	Horizontal	N/A
3**	5698.800	100.08	-1.01	--	--	AV	301.00	200	Horizontal	N/A
4	7447.925	50.22	-3.26	74.0	23.78	Peak	336.00	200	Horizontal	Pass
4**	7447.925	40.44	-3.26	54.0	13.56	AV	336.00	200	Horizontal	Pass
5	12605.674	53.26	1.91	74.0	20.74	Peak	319.00	150	Horizontal	Pass
5**	12605.674	43.65	1.91	54.0	10.35	AV	319.00	150	Horizontal	Pass
6	15506.513	56.56	1.33	74.0	17.44	Peak	129.00	100	Horizontal	Pass
6**	15506.513	46.37	1.33	54.0	7.63	AV	129.00	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	1650.200	52.65	-16.80	68.2	15.55	Peak	224.00	150	Vertical	Pass
1**	1650.200	51.00	-16.80	--	--	AV	224.00	150	Vertical	N/A
2	2750.100	54.28	-10.94	74.0	19.72	Peak	38.00	200	Vertical	Pass
2**	2750.100	50.80	-10.94	54.0	3.20	AV	38.00	200	Vertical	Pass
3	4390.600	50.40	-3.33	74.0	23.60	Peak	360.00	400	Vertical	Pass
3**	4390.600	40.98	-3.33	54.0	13.02	AV	360.00	400	Vertical	Pass
4	5703.200	98.04	-1.67	--	--	Peak	102.00	100	Vertical	N/A
4**	5703.200	90.08	-1.67	--	--	AV	102.00	100	Vertical	N/A
5	7344.712	50.10	-3.48	74.0	23.90	Peak	265.00	300	Vertical	Pass
5**	7344.712	41.00	-3.48	54.0	13.00	AV	265.00	300	Vertical	Pass
6	15799.725	56.25	2.33	74.0	17.75	Peak	30.00	100	Vertical	Pass
6**	15799.725	47.73	2.33	54.0	6.27	AV	30.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.100	58.24	-16.80	68.2	9.96	Peak	288.00	150	Horizontal	Pass
1**	1650.100	56.95	-16.80	--	--	AV	288.00	150	Horizontal	N/A
2	4380.400	49.92	-3.39	74.0	24.08	Peak	265.00	400	Horizontal	Pass
2**	4380.400	41.77	-3.39	54.0	12.23	AV	265.00	400	Horizontal	Pass
3	5506.600	107.00	-0.99	--	--	Peak	45.00	150	Horizontal	N/A
3**	5506.600	100.13	-0.99	--	--	AV	45.00	150	Horizontal	N/A
4	7394.163	49.92	-3.85	74.0	24.08	Peak	13.00	100	Horizontal	Pass
4**	7394.163	40.17	-3.85	54.0	13.83	AV	13.00	100	Horizontal	Pass
5	11999.050	53.52	1.27	74.0	20.48	Peak	243.00	200	Horizontal	Pass
5**	11999.050	43.07	1.27	54.0	10.93	AV	243.00	200	Horizontal	Pass
6	16032.825	56.12	0.74	74.0	17.88	Peak	0.00	100	Horizontal	Pass
6**	16032.825	46.66	0.74	54.0	7.34	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2750.000	56.05	-10.96	74.0	17.95	Peak	32.00	150	Vertical	Pass
1**	2750.000	50.97	-10.96	54.0	3.03	AV	32.00	150	Vertical	Pass
2	3850.000	49.74	-4.73	74.0	24.26	Peak	360.00	150	Vertical	Pass
2**	3850.000	42.64	-4.73	54.0	11.36	AV	360.00	150	Vertical	Pass
3	4950.000	54.35	-2.82	74.0	19.65	Peak	174.00	150	Vertical	Pass
3**	4950.000	50.97	-2.82	54.0	3.03	AV	174.00	150	Vertical	Pass
4	5511.800	94.35	-0.93	--	--	Peak	95.00	150	Vertical	N/A
4**	5511.800	86.53	-0.93	--	--	AV	95.00	150	Vertical	N/A
5	7723.062	49.36	-2.57	74.0	24.64	Peak	13.00	400	Vertical	Pass
5**	7723.062	40.20	-2.57	54.0	13.80	AV	13.00	400	Vertical	Pass
6	12442.375	53.30	1.79	74.0	20.70	Peak	118.00	200	Vertical	Pass
6**	12442.375	43.23	1.79	54.0	10.77	AV	118.00	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	1650.000	58.22	-16.81	68.2	9.98	Peak	244.00	150	Horizontal	Pass
1**	1650.000	56.73	-16.81	--	--	AV	244.00	150	Horizontal	N/A
2	4386.400	50.33	-3.29	74.0	23.67	Peak	311.00	100	Horizontal	Pass
2**	4386.400	41.23	-3.29	54.0	12.77	AV	311.00	100	Horizontal	Pass
3	5594.400	106.13	-2.10	--	--	Peak	53.00	100	Horizontal	N/A
3**	5594.400	97.98	-2.10	--	--	AV	53.00	100	Horizontal	N/A
4	7501.975	49.74	-3.09	74.0	24.26	Peak	258.00	300	Horizontal	Pass
4**	7501.975	40.70	-3.09	54.0	13.30	AV	258.00	300	Horizontal	Pass
5	12410.174	52.83	1.44	74.0	21.17	Peak	78.00	200	Horizontal	Pass
5**	12410.174	42.93	1.44	54.0	11.07	AV	78.00	200	Horizontal	Pass
6	15854.850	56.20	1.20	74.0	17.80	Peak	343.00	200	Horizontal	Pass
6**	15854.850	46.12	1.20	54.0	7.88	AV	343.00	200	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	1512.800	44.31	-17.25	74.0	29.69	Peak	232.00	100	Vertical	Pass
1**	1512.800	40.09	-17.25	54.0	13.91	AV	232.00	100	Vertical	Pass
2	2750.200	54.75	-10.92	74.0	19.25	Peak	26.00	150	Vertical	Pass
2**	2750.200	50.86	-10.92	54.0	3.14	AV	26.00	150	Vertical	Pass
3	5592.200	95.19	-2.21	--	--	Peak	89.00	100	Vertical	N/A
3**	5592.200	87.59	-2.21	--	--	AV	89.00	100	Vertical	N/A
4	7337.812	49.68	-2.88	74.0	24.32	Peak	37.00	100	Vertical	Pass
4**	7337.812	41.60	-2.88	54.0	12.40	AV	37.00	100	Vertical	Pass
5	12614.875	53.49	1.88	74.0	20.51	Peak	18.00	100	Vertical	Pass
5**	12614.875	43.63	1.88	54.0	10.37	AV	18.00	100	Vertical	Pass
6	15507.299	56.38	1.35	74.0	17.62	Peak	21.00	100	Vertical	Pass
6**	15507.299	47.35	1.35	54.0	6.65	AV	21.00	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	1650.000	57.64	-16.81	68.2	10.56	Peak	289.00	150	Horizontal	Pass
1**	1650.000	56.38	-16.81	--	--	AV	289.00	150	Horizontal	N/A
2	4392.000	50.07	-3.50	74.0	23.93	Peak	193.00	100	Horizontal	Pass
2**	4392.000	41.23	-3.50	54.0	12.77	AV	193.00	100	Horizontal	Pass
3	5668.000	104.93	-2.62	--	--	Peak	48.00	200	Horizontal	N/A
3**	5668.000	96.87	-2.62	--	--	AV	48.00	200	Horizontal	N/A
4	7338.387	50.54	-2.90	74.0	23.46	Peak	14.00	200	Horizontal	Pass
4**	7338.387	41.49	-2.90	54.0	12.51	AV	14.00	200	Horizontal	Pass
5	12293.737	53.73	1.60	74.0	20.27	Peak	86.00	150	Horizontal	Pass
5**	12293.737	44.85	1.60	54.0	9.15	AV	86.00	150	Horizontal	Pass
6	16070.362	55.90	1.35	74.0	18.10	Peak	237.00	100	Horizontal	Pass
6**	16070.362	46.02	1.35	54.0	7.98	AV	237.00	100	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	1512.400	45.46	-17.24	74.0	28.54	Peak	49.00	300	Vertical	Pass
1**	1512.400	40.73	-17.24	54.0	13.27	AV	49.00	300	Vertical	Pass
2	2750.100	55.96	-10.94	74.0	18.04	Peak	37.00	150	Vertical	Pass
2**	2750.100	50.91	-10.94	54.0	3.09	AV	37.00	150	Vertical	Pass
3	3850.000	50.24	-4.73	74.0	23.76	Peak	340.00	100	Vertical	Pass
3**	3850.000	43.03	-4.73	54.0	10.97	AV	340.00	100	Vertical	Pass
4	5665.600	96.52	-2.33	--	--	Peak	90.00	150	Vertical	N/A
4**	5665.600	89.09	-2.33	--	--	AV	90.00	150	Vertical	N/A
5	7680.513	50.37	-2.50	74.0	23.63	Peak	67.00	200	Vertical	Pass
5**	7680.513	40.63	-2.50	54.0	13.37	AV	67.00	200	Vertical	Pass
6	12304.663	53.20	1.39	74.0	20.80	Peak	321.00	100	Vertical	Pass
6**	12304.663	43.71	1.39	54.0	10.29	AV	321.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.100	56.36	-16.80	68.2	11.84	Peak	286.00	150	Horizontal	Pass
1**	1650.100	54.80	-16.80	--	--	AV	286.00	150	Horizontal	N/A
2	4389.000	50.17	-3.37	74.0	23.83	Peak	0.00	300	Horizontal	Pass
2**	4389.000	41.17	-3.37	54.0	12.83	AV	0.00	300	Horizontal	Pass
3	5501.000	109.09	-1.50	--	--	Peak	49.00	200	Horizontal	N/A
3**	5501.000	102.41	-1.50	--	--	AV	49.00	200	Horizontal	N/A
4	7695.750	49.77	-3.00	74.0	24.23	Peak	351.00	300	Horizontal	Pass
4**	7695.750	39.01	-3.00	54.0	14.99	AV	351.00	300	Horizontal	Pass
5	12436.912	53.03	1.73	74.0	20.97	Peak	280.00	100	Horizontal	Pass
5**	12436.912	43.73	1.73	54.0	10.27	AV	280.00	100	Horizontal	Pass
6	15905.250	55.65	0.34	74.0	18.35	Peak	61.00	400	Horizontal	Pass
6**	15905.250	45.55	0.34	54.0	8.45	AV	61.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2750.100	55.40	-10.94	74.0	18.60	Peak	37.00	150	Vertical	Pass
1**	2750.100	50.81	-10.94	54.0	3.19	AV	37.00	150	Vertical	Pass
2	3849.400	51.12	-4.64	74.0	22.88	Peak	323.00	400	Vertical	Pass
2**	3849.400	43.51	-4.64	54.0	10.49	AV	323.00	400	Vertical	Pass
3	5501.400	95.71	-1.43	--	--	Peak	336.00	150	Vertical	N/A
3**	5501.400	89.01	-1.43	--	--	AV	336.00	150	Vertical	N/A
4	7321.138	49.86	-3.15	74.0	24.14	Peak	308.00	300	Vertical	Pass
4**	7321.138	40.31	-3.15	54.0	13.69	AV	308.00	300	Vertical	Pass
5	12248.313	53.08	0.97	74.0	20.92	Peak	238.00	100	Vertical	Pass
5**	12248.313	44.42	0.97	54.0	9.58	AV	238.00	100	Vertical	Pass
6	15522.263	56.16	1.38	74.0	17.84	Peak	65.00	100	Vertical	Pass
6**	15522.263	45.92	1.38	54.0	8.08	AV	65.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.200	57.48	-16.80	68.2	10.72	Peak	292.00	150	Horizontal	Pass
1**	1650.200	55.37	-16.80	--	--	AV	292.00	150	Horizontal	N/A
2	4385.000	50.64	-3.47	74.0	23.36	Peak	0.00	100	Horizontal	Pass
2**	4385.000	41.33	-3.47	54.0	12.67	AV	0.00	100	Horizontal	Pass
3	5578.000	108.92	-1.67	--	--	Peak	50.00	150	Horizontal	N/A
3**	5578.000	101.62	-1.67	--	--	AV	50.00	150	Horizontal	N/A
4	7340.112	49.56	-2.98	74.0	24.44	Peak	99.00	300	Horizontal	Pass
4**	7340.112	40.84	-2.98	54.0	13.16	AV	99.00	300	Horizontal	Pass
5	12361.588	53.08	1.18	74.0	20.92	Peak	358.00	100	Horizontal	Pass
5**	12361.588	43.77	1.18	54.0	10.23	AV	358.00	100	Horizontal	Pass
6	15835.688	55.65	1.45	74.0	18.35	Peak	244.00	100	Horizontal	Pass
6**	15835.688	46.81	1.45	54.0	7.19	AV	244.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2750.200	55.63	-10.92	74.0	18.37	Peak	34.00	150	Vertical	Pass
1**	2750.200	50.86	-10.92	54.0	3.14	AV	34.00	150	Vertical	Pass
2	3849.600	50.50	-4.67	74.0	23.50	Peak	329.00	100	Vertical	Pass
2**	3849.600	42.57	-4.67	54.0	11.43	AV	329.00	100	Vertical	Pass
3	5580.800	96.38	-1.69	--	--	Peak	98.00	100	Vertical	N/A
3**	5580.800	88.35	-1.69	--	--	AV	98.00	100	Vertical	N/A
4	7435.562	49.74	-3.47	74.0	24.26	Peak	83.00	300	Vertical	Pass
4**	7435.562	40.01	-3.47	54.0	13.99	AV	83.00	300	Vertical	Pass
5	12500.163	53.20	1.65	74.0	20.80	Peak	14.00	200	Vertical	Pass
5**	12500.163	44.18	1.65	54.0	9.82	AV	14.00	200	Vertical	Pass
6	15807.600	56.22	2.22	74.0	17.78	Peak	282.00	200	Vertical	Pass
6**	15807.600	46.99	2.22	54.0	7.01	AV	282.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.400	46.39	-17.24	74.0	27.61	Peak	334.00	200	Horizontal	Pass
1**	1512.400	43.67	-17.24	54.0	10.33	AV	334.00	200	Horizontal	Pass
2	1649.900	56.25	-16.82	68.2	11.95	Peak	293.00	150	Horizontal	Pass
2**	1649.900	55.21	-16.82	--	--	AV	293.00	150	Horizontal	N/A
3	4366.800	50.26	-3.83	74.0	23.74	Peak	218.00	100	Horizontal	Pass
3**	4366.800	40.74	-3.83	54.0	13.26	AV	218.00	100	Horizontal	Pass
4	5702.600	107.22	-1.64	--	--	Peak	42.00	100	Horizontal	N/A
4**	5702.600	100.34	-1.64	--	--	AV	42.00	100	Horizontal	N/A
5	7319.700	50.19	-3.04	74.0	23.81	Peak	287.00	400	Horizontal	Pass
5**	7319.700	40.37	-3.04	54.0	13.63	AV	287.00	400	Horizontal	Pass
6	11953.625	53.93	1.23	74.0	20.07	Peak	157.00	150	Horizontal	Pass
6**	11953.625	43.18	1.23	54.0	10.82	AV	157.00	150	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	1650.100	52.30	-16.80	68.2	15.90	Peak	230.00	150	Vertical	Pass
1**	1650.100	50.76	-16.80	--	--	AV	230.00	150	Vertical	N/A
2	2750.200	55.05	-10.92	74.0	18.95	Peak	38.00	150	Vertical	Pass
2**	2750.200	50.76	-10.92	54.0	3.24	AV	38.00	150	Vertical	Pass
3	4377.800	50.37	-3.48	74.0	23.63	Peak	360.00	300	Vertical	Pass
3**	4377.800	42.07	-3.48	54.0	11.93	AV	360.00	300	Vertical	Pass
4	5701.800	98.54	-1.60	--	--	Peak	92.00	150	Vertical	N/A
4**	5701.800	90.91	-1.60	--	--	AV	92.00	150	Vertical	N/A
5	7330.913	49.59	-3.40	74.0	24.41	Peak	0.00	100	Vertical	Pass
5**	7330.913	40.72	-3.40	54.0	13.28	AV	0.00	100	Vertical	Pass
6	12620.625	53.31	1.77	74.0	20.69	Peak	350.00	100	Vertical	Pass
6**	12620.625	43.31	1.77	54.0	10.69	AV	350.00	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	1650.100	57.11	-16.80	68.2	11.09	Peak	330.00	150	Horizontal	Pass
1**	1650.100	55.97	-16.80	--	--	AV	330.00	150	Horizontal	N/A
2	4378.400	50.74	-3.42	74.0	23.26	Peak	179.00	300	Horizontal	Pass
2**	4378.400	40.97	-3.42	54.0	13.03	AV	179.00	300	Horizontal	Pass
3	5506.400	106.97	-1.00	--	--	Peak	55.00	200	Horizontal	N/A
3**	5506.400	99.51	-1.00	--	--	AV	55.00	200	Horizontal	N/A
4	7314.525	49.74	-3.36	74.0	24.26	Peak	118.00	200	Horizontal	Pass
4**	7314.525	40.98	-3.36	54.0	13.02	AV	118.00	200	Horizontal	Pass
5	12581.812	53.42	1.63	74.0	20.58	Peak	238.00	150	Horizontal	Pass
5**	12581.812	42.32	1.63	54.0	11.68	AV	238.00	150	Horizontal	Pass
6	16124.701	56.27	0.79	74.0	17.73	Peak	342.00	400	Horizontal	Pass
6**	16124.701	46.59	0.79	54.0	7.41	AV	342.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.000	52.57	-16.81	68.2	15.63	Peak	108.00	150	Vertical	Pass
1**	1650.000	50.95	-16.81	--	--	AV	108.00	150	Vertical	N/A
2	2750.200	56.26	-10.92	74.0	17.74	Peak	30.00	150	Vertical	Pass
2**	2750.200	50.86	-10.92	54.0	3.14	AV	30.00	150	Vertical	Pass
3	5508.400	94.27	-0.93	--	--	Peak	93.00	150	Vertical	N/A
3**	5508.400	85.93	-0.93	--	--	AV	93.00	150	Vertical	N/A
4	7346.725	49.66	-3.60	74.0	24.34	Peak	195.00	300	Vertical	Pass
4**	7346.725	40.82	-3.60	54.0	13.18	AV	195.00	300	Vertical	Pass
5	12365.612	53.23	1.21	74.0	20.77	Peak	15.00	100	Vertical	Pass
5**	12365.612	43.41	1.21	54.0	10.59	AV	15.00	100	Vertical	Pass
6	15825.713	56.24	1.62	74.0	17.76	Peak	47.00	300	Vertical	Pass
6**	15825.713	47.18	1.62	54.0	6.82	AV	47.00	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	1649.900	57.88	-16.82	68.2	10.32	Peak	288.00	150	Horizontal	Pass
1**	1649.900	56.03	-16.82	--	--	AV	288.00	150	Horizontal	N/A
2	4366.000	51.08	-3.87	74.0	22.92	Peak	0.00	300	Horizontal	Pass
2**	4366.000	41.75	-3.87	54.0	12.25	AV	0.00	300	Horizontal	Pass
3	5592.400	106.06	-2.21	--	--	Peak	55.00	100	Horizontal	N/A
3**	5592.400	98.82	-2.21	--	--	AV	55.00	100	Horizontal	N/A
4	7337.525	49.99	-2.90	74.0	24.01	Peak	17.00	300	Horizontal	Pass
4**	7337.525	41.22	-2.90	54.0	12.78	AV	17.00	300	Horizontal	Pass
5	12423.400	53.47	1.42	74.0	20.53	Peak	337.00	200	Horizontal	Pass
5**	12423.400	43.84	1.42	54.0	10.16	AV	337.00	200	Horizontal	Pass
6	15829.387	57.31	1.51	74.0	16.69	Peak	292.00	300	Horizontal	Pass
6**	15829.387	46.29	1.51	54.0	7.71	AV	292.00	300	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	2750.300	55.42	-10.90	74.0	18.58	Peak	37.00	150	Vertical	Pass
1**	2750.300	50.86	-10.90	54.0	3.14	AV	37.00	150	Vertical	Pass
2	4377.800	50.26	-3.48	74.0	23.74	Peak	314.00	100	Vertical	Pass
2**	4377.800	41.28	-3.48	54.0	12.72	AV	314.00	100	Vertical	Pass
3	5592.800	94.85	-2.21	--	--	Peak	90.00	200	Vertical	N/A
3**	5592.800	86.98	-2.21	--	--	AV	90.00	200	Vertical	N/A
4	7377.487	49.57	-3.54	74.0	24.43	Peak	0.00	400	Vertical	Pass
4**	7377.487	40.07	-3.54	54.0	13.93	AV	0.00	400	Vertical	Pass
5	11917.975	53.31	1.49	74.0	20.69	Peak	34.00	100	Vertical	Pass
5**	11917.975	43.62	1.49	54.0	10.38	AV	34.00	100	Vertical	Pass
6	15465.825	55.91	1.34	74.0	18.09	Peak	191.00	200	Vertical	Pass
6**	15465.825	45.49	1.34	54.0	8.51	AV	191.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.000	57.46	-16.81	68.2	10.74	Peak	335.00	150	Horizontal	Pass
1**	1650.000	56.03	-16.81	--	--	AV	335.00	150	Horizontal	N/A
2	4379.200	50.67	-3.34	74.0	23.33	Peak	209.00	400	Horizontal	Pass
2**	4379.200	42.19	-3.34	54.0	11.81	AV	209.00	400	Horizontal	Pass
3	5672.000	104.96	-2.27	--	--	Peak	304.00	100	Horizontal	N/A
3**	5672.000	97.74	-2.27	--	--	AV	304.00	100	Horizontal	N/A
4	7338.100	50.55	-2.89	74.0	23.45	Peak	37.00	300	Horizontal	Pass
4**	7338.100	41.07	-2.89	54.0	12.93	AV	37.00	300	Horizontal	Pass
5	12308.112	53.87	1.38	74.0	20.13	Peak	314.00	150	Horizontal	Pass
5**	12308.112	45.14	1.38	54.0	8.86	AV	314.00	150	Horizontal	Pass
6	15477.900	55.89	1.02	74.0	18.11	Peak	12.00	100	Horizontal	Pass
6**	15477.900	45.14	1.02	54.0	8.86	AV	12.00	100	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	2750.200	54.61	-10.92	74.0	19.39	Peak	37.00	150	Vertical	Pass
1**	2750.200	50.73	-10.92	54.0	3.27	AV	37.00	150	Vertical	Pass
2	4379.600	50.35	-3.30	74.0	23.65	Peak	296.00	300	Vertical	Pass
2**	4379.600	41.18	-3.30	54.0	12.82	AV	296.00	300	Vertical	Pass
3	5667.200	96.31	-2.62	--	--	Peak	97.00	100	Vertical	N/A
3**	5667.200	88.04	-2.62	--	--	AV	97.00	100	Vertical	N/A
4	7340.975	50.16	-3.07	74.0	23.84	Peak	45.00	200	Vertical	Pass
4**	7340.975	41.31	-3.07	54.0	12.69	AV	45.00	200	Vertical	Pass
5	12213.526	52.91	1.14	74.0	21.09	Peak	251.00	200	Vertical	Pass
5**	12213.526	42.88	1.14	54.0	11.12	AV	251.00	200	Vertical	Pass
6	15810.487	55.84	2.15	74.0	18.16	Peak	360.00	300	Vertical	Pass
6**	15810.487	46.45	2.15	54.0	7.55	AV	360.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.100	57.43	-16.80	68.2	10.77	Peak	281.00	150	Horizontal	Pass
1**	1650.100	55.35	-16.80	--	--	AV	281.00	150	Horizontal	N/A
2	4384.800	50.56	-3.50	74.0	23.44	Peak	85.00	200	Horizontal	Pass
2**	4384.800	40.89	-3.50	54.0	13.11	AV	85.00	200	Horizontal	Pass
3	5536.400	103.96	-1.80	--	--	Peak	50.00	150	Horizontal	N/A
3**	5536.400	96.84	-1.80	--	--	AV	50.00	150	Horizontal	N/A
4	7342.125	50.14	-3.19	74.0	23.86	Peak	0.00	100	Horizontal	Pass
4**	7342.125	41.18	-3.19	54.0	12.82	AV	0.00	100	Horizontal	Pass
5	12296.612	53.31	1.54	74.0	20.69	Peak	266.00	150	Horizontal	Pass
5**	12296.612	43.92	1.54	54.0	10.08	AV	266.00	150	Horizontal	Pass
6	16082.175	55.64	1.59	74.0	18.36	Peak	112.00	100	Horizontal	Pass
6**	16082.175	46.83	1.59	54.0	7.17	AV	112.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.600	44.17	-17.24	74.0	29.83	Peak	236.00	400	Vertical	Pass
1**	1512.600	39.47	-17.24	54.0	14.53	AV	236.00	400	Vertical	Pass
2	2750.200	55.16	-10.92	74.0	18.84	Peak	33.00	150	Vertical	Pass
2**	2750.200	50.72	-10.92	54.0	3.28	AV	33.00	150	Vertical	Pass
3	5536.400	91.02	-1.80	--	--	Peak	89.00	150	Vertical	N/A
3**	5536.400	84.02	-1.80	--	--	AV	89.00	150	Vertical	N/A
4	7347.300	49.96	-3.66	74.0	24.04	Peak	0.00	200	Vertical	Pass
4**	7347.300	40.46	-3.66	54.0	13.54	AV	0.00	200	Vertical	Pass
5	12434.326	53.90	1.68	74.0	20.10	Peak	197.00	200	Vertical	Pass
5**	12434.326	44.08	1.68	54.0	9.92	AV	197.00	200	Vertical	Pass
6	16173.525	56.06	1.28	74.0	17.94	Peak	32.00	200	Vertical	Pass
6**	16173.525	46.81	1.28	54.0	7.19	AV	32.00	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	1650.200	57.12	-16.80	68.2	11.08	Peak	246.00	150	Horizontal	Pass
1**	1650.200	55.80	-16.80	--	--	AV	246.00	150	Horizontal	N/A
2	4391.600	50.12	-3.45	74.0	23.88	Peak	360.00	400	Horizontal	Pass
2**	4391.600	41.29	-3.45	54.0	12.71	AV	360.00	400	Horizontal	Pass
3	5607.800	103.32	-1.79	--	--	Peak	50.00	200	Horizontal	N/A
3**	5607.800	95.96	-1.79	--	--	AV	50.00	200	Horizontal	N/A
4	7468.625	49.98	-3.34	74.0	24.02	Peak	156.00	300	Horizontal	Pass
4**	7468.625	40.53	-3.34	54.0	13.47	AV	156.00	300	Horizontal	Pass
5	11222.799	53.22	-0.21	74.0	20.78	Peak	139.00	100	Horizontal	Pass
5**	11222.799	42.75	-0.21	54.0	11.25	AV	139.00	100	Horizontal	Pass
6	16152.787	56.67	0.96	74.0	17.33	Peak	282.00	200	Horizontal	Pass
6**	16152.787	46.09	0.96	54.0	7.91	AV	282.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.500	44.92	-17.24	74.0	29.08	Peak	230.00	200	Vertical	Pass
1**	1512.500	40.82	-17.24	54.0	13.18	AV	230.00	200	Vertical	Pass
2	2750.200	54.44	-10.92	74.0	19.56	Peak	34.00	150	Vertical	Pass
2**	2750.200	50.86	-10.92	54.0	3.14	AV	34.00	150	Vertical	Pass
3	3850.000	50.33	-4.73	74.0	23.67	Peak	340.00	200	Vertical	Pass
3**	3850.000	43.27	-4.73	54.0	10.73	AV	340.00	200	Vertical	Pass
4	5612.800	91.91	-1.81	--	--	Peak	93.00	200	Vertical	N/A
4**	5612.800	83.88	-1.81	--	--	AV	93.00	200	Vertical	N/A
5	7748.075	49.92	-3.06	74.0	24.08	Peak	251.00	400	Vertical	Pass
5**	7748.075	39.49	-3.06	54.0	14.51	AV	251.00	400	Vertical	Pass
6	12239.400	52.69	1.08	74.0	21.31	Peak	215.00	100	Vertical	Pass
6**	12239.400	43.68	1.08	54.0	10.32	AV	215.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.000	58.00	-16.81	68.2	10.20	Peak	291.00	150	Horizontal	Pass
1**	1650.000	56.67	-16.81	--	--	AV	291.00	150	Horizontal	N/A
2	4386.800	50.21	-3.31	74.0	23.79	Peak	192.00	200	Horizontal	Pass
2**	4386.800	42.01	-3.31	54.0	11.99	AV	192.00	200	Horizontal	Pass
3	5746.200	107.28	-2.21	--	--	Peak	308.00	200	Horizontal	N/A
3**	5746.200	99.94	-2.21	--	--	AV	308.00	200	Horizontal	N/A
4	7737.150	49.76	-2.60	74.0	24.24	Peak	65.00	200	Horizontal	Pass
4**	7737.150	40.19	-2.60	54.0	13.81	AV	65.00	200	Horizontal	Pass
5	12301.787	53.22	1.44	74.0	20.78	Peak	156.00	150	Horizontal	Pass
5**	12301.787	44.05	1.44	54.0	9.95	AV	156.00	150	Horizontal	Pass
6	15477.900	56.51	1.02	74.0	17.49	Peak	302.00	400	Horizontal	Pass
6**	15477.900	45.43	1.02	54.0	8.57	AV	302.00	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	1512.300	46.12	-17.23	74.0	27.88	Peak	42.00	300	Vertical	Pass
1**	1512.300	40.39	-17.23	54.0	13.61	AV	42.00	300	Vertical	Pass
2	2749.900	54.86	-10.96	74.0	19.14	Peak	36.00	150	Vertical	Pass
2**	2749.900	50.81	-10.96	54.0	3.19	AV	36.00	150	Vertical	Pass
3	5743.600	97.99	-2.09	--	--	Peak	93.00	200	Vertical	N/A
3**	5743.600	90.43	-2.09	--	--	AV	93.00	200	Vertical	N/A
4	7679.363	49.82	-2.43	74.0	24.18	Peak	114.00	400	Vertical	Pass
4**	7679.363	40.52	-2.43	54.0	13.48	AV	114.00	400	Vertical	Pass
5	12318.463	53.37	1.42	74.0	20.63	Peak	281.00	150	Vertical	Pass
5**	12318.463	44.02	1.42	54.0	9.98	AV	281.00	150	Vertical	Pass
6	15840.151	56.01	1.44	74.0	17.99	Peak	31.00	400	Vertical	Pass
6**	15840.151	48.27	1.44	54.0	5.73	AV	31.00	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	1649.900	57.66	-16.82	68.2	10.54	Peak	289.00	150	Horizontal	Pass
1**	1649.900	55.63	-16.82	--	--	AV	289.00	150	Horizontal	N/A
2	4387.400	50.85	-3.35	74.0	23.15	Peak	294.00	400	Horizontal	Pass
2**	4387.400	41.49	-3.35	54.0	12.51	AV	294.00	400	Horizontal	Pass
3	5783.400	106.73	-1.48	--	--	Peak	307.00	200	Horizontal	N/A
3**	5783.400	99.49	-1.48	--	--	AV	307.00	200	Horizontal	N/A
4	7343.563	49.73	-3.39	74.0	24.27	Peak	35.00	100	Horizontal	Pass
4**	7343.563	40.78	-3.39	54.0	13.22	AV	35.00	100	Horizontal	Pass
5	12282.812	53.45	1.79	74.0	20.55	Peak	35.00	200	Horizontal	Pass
5**	12282.812	44.72	1.79	54.0	9.28	AV	35.00	200	Horizontal	Pass
6	15801.562	55.77	2.31	74.0	18.23	Peak	195.00	300	Horizontal	Pass
6**	15801.562	47.08	2.31	54.0	6.92	AV	195.00	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	1650.100	52.02	-16.80	68.2	16.18	Peak	223.00	150	Vertical	Pass
1**	1650.100	50.89	-16.80	--	--	AV	223.00	150	Vertical	N/A
2	2750.100	53.32	-10.94	74.0	20.68	Peak	23.00	150	Vertical	Pass
2**	2750.100	50.91	-10.94	54.0	3.09	AV	23.00	150	Vertical	Pass
3	3849.400	50.68	-4.64	74.0	23.32	Peak	330.00	400	Vertical	Pass
3**	3849.400	42.40	-4.64	54.0	11.60	AV	330.00	400	Vertical	Pass
4	5782.600	98.42	-1.38	--	--	Peak	91.00	150	Vertical	N/A
4**	5782.600	90.72	-1.38	--	--	AV	91.00	150	Vertical	N/A
5	7337.238	49.69	-2.96	74.0	24.31	Peak	360.00	100	Vertical	Pass
5**	7337.238	41.26	-2.96	54.0	12.74	AV	360.00	100	Vertical	Pass
6	12670.075	52.67	0.98	74.0	21.33	Peak	46.00	150	Vertical	Pass
6**	12670.075	43.35	0.98	54.0	10.65	AV	46.00	150	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	1650.000	57.13	-16.81	68.2	11.07	Peak	242.00	150	Horizontal	Pass
1**	1650.000	55.56	-16.81	--	--	AV	242.00	150	Horizontal	N/A
2	4257.000	50.40	-4.58	74.0	23.60	Peak	341.00	300	Horizontal	Pass
2**	4257.000	40.16	-4.58	54.0	13.84	AV	341.00	300	Horizontal	Pass
3	5826.400	105.67	-2.02	--	--	Peak	308.00	150	Horizontal	N/A
3**	5826.400	97.93	-2.02	--	--	AV	308.00	150	Horizontal	N/A
4	7630.488	50.13	-2.93	74.0	23.87	Peak	230.00	300	Horizontal	Pass
4**	7630.488	39.99	-2.93	54.0	14.01	AV	230.00	300	Horizontal	Pass
5	12280.513	52.87	1.80	74.0	21.13	Peak	323.00	200	Horizontal	Pass
5**	12280.513	44.28	1.80	54.0	9.72	AV	323.00	200	Horizontal	Pass
6	15798.938	56.07	2.30	74.0	17.93	Peak	0.00	100	Horizontal	Pass
6**	15798.938	48.74	2.30	54.0	5.26	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.200	52.79	-16.80	68.2	15.41	Peak	226.00	150	Vertical	Pass
1**	1650.200	51.21	-16.80	--	--	AV	226.00	150	Vertical	N/A
2	2749.900	54.49	-10.96	74.0	19.51	Peak	35.00	150	Vertical	Pass
2**	2749.900	52.30	-10.96	54.0	3.10	AV	35.00	150	Vertical	Pass
3	3850.400	50.72	-4.79	74.0	23.28	Peak	341.00	300	Vertical	Pass
3**	3850.400	43.34	-4.79	54.0	10.66	AV	341.00	300	Vertical	Pass
4	5823.400	96.38	-2.13	--	--	Peak	98.00	100	Vertical	N/A
4**	5823.400	89.42	-2.13	--	--	AV	98.00	100	Vertical	N/A
5	7500.825	50.50	-3.26	74.0	23.50	Peak	360.00	400	Vertical	Pass
5**	7500.825	40.42	-3.26	54.0	13.58	AV	360.00	400	Vertical	Pass
6	12413.050	53.71	1.43	74.0	20.29	Peak	114.00	100	Vertical	Pass
6**	12413.050	43.19	1.43	54.0	10.81	AV	114.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.200	57.54	-16.80	68.2	10.66	Peak	279.00	150	Horizontal	Pass
1**	1650.200	56.25	-16.80	--	--	AV	279.00	150	Horizontal	N/A
2	4382.200	50.04	-3.64	74.0	23.96	Peak	340.00	200	Horizontal	Pass
2**	4382.200	40.81	-3.64	54.0	13.19	AV	340.00	200	Horizontal	Pass
3	5746.600	107.00	-2.21	--	--	Peak	306.00	100	Horizontal	N/A
3**	5746.600	99.67	-2.21	--	--	AV	306.00	100	Horizontal	N/A
4	7338.962	49.81	-2.92	74.0	24.19	Peak	138.00	400	Horizontal	Pass
4**	7338.962	40.84	-2.92	54.0	13.16	AV	138.00	400	Horizontal	Pass
5	12368.775	53.41	1.25	74.0	20.59	Peak	15.00	100	Horizontal	Pass
5**	12368.775	43.14	1.25	54.0	10.86	AV	15.00	100	Horizontal	Pass
6	15679.237	55.85	1.58	74.0	18.15	Peak	342.00	300	Horizontal	Pass
6**	15679.237	46.69	1.58	54.0	7.31	AV	342.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.200	51.38	-16.80	68.2	16.82	Peak	116.00	150	Vertical	Pass
1**	1650.200	50.95	-16.80	--	--	AV	116.00	150	Vertical	N/A
2	2750.000	54.36	-10.96	74.0	19.64	Peak	222.00	150	Vertical	Pass
2**	2750.000	50.90	-10.96	54.0	3.10	AV	222.00	150	Vertical	Pass
3	4288.000	50.09	-4.52	74.0	23.91	Peak	244.00	300	Vertical	Pass
3**	4288.000	40.69	-4.52	54.0	13.31	AV	244.00	300	Vertical	Pass
4	5743.200	97.86	-2.13	--	--	Peak	96.00	200	Vertical	N/A
4**	5743.200	90.73	-2.13	--	--	AV	96.00	200	Vertical	N/A
5	7385.538	49.73	-3.82	74.0	24.27	Peak	265.00	100	Vertical	Pass
5**	7385.538	40.74	-3.82	54.0	13.26	AV	265.00	100	Vertical	Pass
6	12228.475	53.15	1.31	74.0	20.85	Peak	68.00	100	Vertical	Pass
6**	12228.475	44.49	1.31	54.0	9.51	AV	68.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.800	44.26	-17.25	74.0	29.74	Peak	126.00	100	Horizontal	Pass
1**	1512.800	39.52	-17.25	54.0	14.48	AV	126.00	100	Horizontal	Pass
2	4396.200	49.87	-3.97	74.0	24.13	Peak	318.00	200	Horizontal	Pass
2**	4396.200	41.09	-3.97	54.0	12.91	AV	318.00	200	Horizontal	Pass
3	5782.200	106.02	-1.33	--	--	Peak	309.00	200	Horizontal	N/A
3**	5782.200	98.18	-1.33	--	--	AV	309.00	200	Horizontal	N/A
4	7336.375	49.62	-3.12	74.0	24.38	Peak	142.00	100	Horizontal	Pass
4**	7336.375	40.64	-3.12	54.0	13.36	AV	142.00	100	Horizontal	Pass
5	12267.288	53.01	1.36	74.0	20.99	Peak	174.00	100	Horizontal	Pass
5**	12267.288	43.59	1.36	54.0	10.41	AV	174.00	100	Horizontal	Pass
6	15796.050	55.76	2.20	74.0	18.24	Peak	131.00	100	Horizontal	Pass
6**	15796.050	46.52	2.20	54.0	7.48	AV	131.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2750.000	53.04	-10.96	74.0	20.96	Peak	355.00	150	Vertical	Pass
1**	2750.000	49.97	-10.96	54.0	4.03	AV	355.00	150	Vertical	Pass
2	4396.000	49.91	-3.96	74.0	24.09	Peak	309.00	100	Vertical	Pass
2**	4396.000	40.72	-3.96	54.0	13.28	AV	309.00	100	Vertical	Pass
3	5781.200	96.70	-1.54	--	--	Peak	94.00	150	Vertical	N/A
3**	5781.200	88.91	-1.54	--	--	AV	94.00	150	Vertical	N/A
4	7358.513	49.72	-3.77	74.0	24.28	Peak	65.00	300	Vertical	Pass
4**	7358.513	40.85	-3.77	54.0	13.15	AV	65.00	300	Vertical	Pass
5	12281.662	53.01	1.79	74.0	20.99	Peak	287.00	100	Vertical	Pass
5**	12281.662	44.11	1.79	54.0	9.89	AV	287.00	100	Vertical	Pass
6	15853.799	55.67	1.23	74.0	18.33	Peak	212.00	100	Vertical	Pass
6**	15853.799	46.74	1.23	54.0	7.26	AV	212.00	100	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	1650.100	51.89	-16.80	68.2	16.31	Peak	300.00	150	Horizontal	Pass
1**	1650.100	50.70	-16.80	--	--	AV	300.00	150	Horizontal	N/A
2	4254.800	49.83	-4.57	74.0	24.17	Peak	289.00	300	Horizontal	Pass
2**	4254.800	40.24	-4.57	54.0	13.76	AV	289.00	300	Horizontal	Pass
3	5826.400	104.82	-2.02	--	--	Peak	311.00	200	Horizontal	N/A
3**	5826.400	96.94	-2.02	--	--	AV	311.00	200	Horizontal	N/A
4	7460.862	49.60	-3.47	74.0	24.40	Peak	114.00	300	Horizontal	Pass
4**	7460.862	40.27	-3.47	54.0	13.73	AV	114.00	300	Horizontal	Pass
5	11673.888	53.27	0.26	74.0	20.73	Peak	149.00	150	Horizontal	Pass
5**	11673.888	42.52	0.26	54.0	11.48	AV	149.00	150	Horizontal	Pass
6	15821.513	56.09	1.80	74.0	17.91	Peak	345.00	300	Horizontal	Pass
6**	15821.513	46.20	1.80	54.0	7.80	AV	345.00	300	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	2749.800	52.91	-10.94	74.0	21.09	Peak	355.00	150	Vertical	Pass
1**	2749.800	50.82	-10.94	54.0	3.18	AV	355.00	150	Vertical	Pass
2	4387.200	50.38	-3.34	74.0	23.62	Peak	147.00	400	Vertical	Pass
2**	4387.200	41.14	-3.34	54.0	12.86	AV	147.00	400	Vertical	Pass
3	5823.400	96.05	-2.13	--	--	Peak	104.00	100	Vertical	N/A
3**	5823.400	88.57	-2.13	--	--	AV	104.00	100	Vertical	N/A
4	7351.900	49.50	-3.77	74.0	24.50	Peak	194.00	300	Vertical	Pass
4**	7351.900	40.48	-3.77	54.0	13.52	AV	194.00	300	Vertical	Pass
5	12399.250	53.15	1.58	74.0	20.85	Peak	295.00	100	Vertical	Pass
5**	12399.250	43.23	1.58	54.0	10.77	AV	295.00	100	Vertical	Pass
6	15869.025	55.95	0.66	74.0	18.05	Peak	244.00	100	Vertical	Pass
6**	15869.025	46.03	0.66	54.0	7.97	AV	244.00	100	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	1512.300	44.98	-17.23	74.0	29.02	Peak	271.00	300	Horizontal	Pass
1**	1512.300	40.52	-17.23	54.0	13.48	AV	271.00	300	Horizontal	Pass
2	3726.800	49.90	-5.07	74.0	24.10	Peak	144.00	200	Horizontal	Pass
2**	3726.800	39.38	-5.07	54.0	14.62	AV	144.00	200	Horizontal	Pass
3	5753.400	104.06	-2.07	--	--	Peak	299.00	100	Horizontal	N/A
3**	5753.400	96.91	-2.07	--	--	AV	299.00	100	Horizontal	N/A
4	7491.337	49.46	-3.47	74.0	24.54	Peak	302.00	300	Horizontal	Pass
4**	7491.337	40.38	-3.47	54.0	13.62	AV	302.00	300	Horizontal	Pass
5	12282.237	53.27	1.79	74.0	20.73	Peak	201.00	150	Horizontal	Pass
5**	12282.237	44.12	1.79	54.0	9.88	AV	201.00	150	Horizontal	Pass
6	15853.799	55.63	1.23	74.0	18.37	Peak	189.00	400	Horizontal	Pass
6**	15853.799	46.62	1.23	54.0	7.38	AV	189.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2750.200	53.14	-10.92	74.0	20.86	Peak	350.00	150	Vertical	Pass
1**	2750.200	50.07	-10.92	54.0	3.93	AV	350.00	150	Vertical	Pass
2	4367.400	50.66	-3.83	74.0	23.34	Peak	146.00	300	Vertical	Pass
2**	4367.400	40.68	-3.83	54.0	13.32	AV	146.00	300	Vertical	Pass
3	5758.600	94.72	-1.59	--	--	Peak	102.00	200	Vertical	N/A
3**	5758.600	88.13	-1.59	--	--	AV	102.00	200	Vertical	N/A
4	7626.750	49.89	-2.67	74.0	24.11	Peak	324.00	300	Vertical	Pass
4**	7626.750	40.45	-2.67	54.0	13.55	AV	324.00	300	Vertical	Pass
5	12606.825	53.74	1.91	74.0	20.26	Peak	266.00	150	Vertical	Pass
5**	12606.825	43.62	1.91	54.0	10.38	AV	266.00	150	Vertical	Pass
6	16138.087	55.61	1.04	74.0	18.39	Peak	0.00	100	Vertical	Pass
6**	16138.087	45.62	1.04	54.0	8.38	AV	0.00	100	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	1512.300	46.00	-17.23	74.0	28.00	Peak	260.00	400	Horizontal	Pass
1**	1512.300	41.74	-17.23	54.0	12.26	AV	260.00	400	Horizontal	Pass
2	4257.600	50.00	-4.50	74.0	24.00	Peak	0.00	100	Horizontal	Pass
2**	4257.600	42.00	-4.50	54.0	12.00	AV	0.00	100	Horizontal	Pass
3	5791.600	103.14	-1.89	--	--	Peak	308.00	150	Horizontal	N/A
3**	5791.600	95.45	-1.89	--	--	AV	308.00	150	Horizontal	N/A
4	7343.563	50.03	-3.39	74.0	23.97	Peak	360.00	400	Horizontal	Pass
4**	7343.563	40.45	-3.39	54.0	13.55	AV	360.00	400	Horizontal	Pass
5	12415.638	53.37	1.41	74.0	20.63	Peak	139.00	150	Horizontal	Pass
5**	12415.638	44.67	1.41	54.0	9.33	AV	139.00	150	Horizontal	Pass
6	16075.875	55.11	1.56	74.0	18.89	Peak	287.00	200	Horizontal	Pass
6**	16075.875	46.34	1.56	54.0	7.66	AV	287.00	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	1512.700	44.62	-17.24	74.0	29.38	Peak	233.00	100	Vertical	Pass
1**	1512.700	38.36	-17.24	54.0	15.64	AV	233.00	100	Vertical	Pass
2	2749.900	54.23	-10.96	74.0	19.77	Peak	350.00	150	Vertical	Pass
2**	2749.900	50.91	-10.96	54.0	3.09	AV	350.00	150	Vertical	Pass
3	4378.800	50.92	-3.38	74.0	23.08	Peak	31.00	300	Vertical	Pass
3**	4378.800	42.30	-3.38	54.0	11.70	AV	31.00	300	Vertical	Pass
4	5792.400	95.03	-1.87	--	--	Peak	107.00	200	Vertical	N/A
4**	5792.400	86.32	-1.87	--	--	AV	107.00	200	Vertical	N/A
5	7649.175	50.31	-2.82	74.0	23.69	Peak	0.00	100	Vertical	Pass
5**	7649.175	39.28	-2.82	54.0	14.72	AV	0.00	100	Vertical	Pass
6	12281.662	53.06	1.79	74.0	20.94	Peak	13.00	150	Vertical	Pass
6**	12281.662	44.62	1.79	54.0	9.38	AV	13.00	150	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	1650.100	52.86	-16.80	68.2	15.34	Peak	296.00	150	Horizontal	Pass
1**	1650.100	51.33	-16.80	--	--	AV	296.00	150	Horizontal	N/A
2	4370.200	49.82	-4.08	74.0	24.18	Peak	200.00	400	Horizontal	Pass
2**	4370.200	40.52	-4.08	54.0	13.48	AV	200.00	400	Horizontal	Pass
3	5742.600	106.27	-2.19	--	--	Peak	298.00	100	Horizontal	N/A
3**	5742.600	99.17	-2.19	--	--	AV	298.00	100	Horizontal	N/A
4	7715.013	49.44	-2.51	74.0	24.56	Peak	230.00	100	Horizontal	Pass
4**	7715.013	39.50	-2.51	54.0	14.50	AV	230.00	100	Horizontal	Pass
5	12247.737	53.42	0.98	74.0	20.58	Peak	13.00	200	Horizontal	Pass
5**	12247.737	43.89	0.98	54.0	10.11	AV	13.00	200	Horizontal	Pass
6	16186.125	56.29	1.54	74.0	17.71	Peak	250.00	300	Horizontal	Pass
6**	16186.125	46.94	1.54	54.0	7.06	AV	250.00	300	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	1512.500	43.84	-17.24	74.0	30.16	Peak	38.00	200	Vertical	Pass
1**	1512.500	37.65	-17.24	54.0	16.35	AV	38.00	200	Vertical	Pass
2	2750.000	53.16	-10.96	74.0	20.84	Peak	349.00	150	Vertical	Pass
2**	2750.000	50.78	-10.96	54.0	3.22	AV	349.00	150	Vertical	Pass
3	5743.400	98.12	-2.11	--	--	Peak	98.00	200	Vertical	N/A
3**	5743.400	90.50	-2.11	--	--	AV	98.00	200	Vertical	N/A
4	7719.037	50.19	-2.79	74.0	23.81	Peak	150.00	300	Vertical	Pass
4**	7719.037	40.31	-2.79	54.0	13.69	AV	150.00	300	Vertical	Pass
5	12612.287	53.35	1.88	74.0	20.65	Peak	236.00	200	Vertical	Pass
5**	12612.287	43.89	1.88	54.0	10.11	AV	236.00	200	Vertical	Pass
6	16036.500	55.93	0.77	74.0	18.07	Peak	286.00	200	Vertical	Pass
6**	16036.500	46.07	0.77	54.0	7.93	AV	286.00	200	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	1512.400	44.02	-17.24	74.0	29.98	Peak	299.00	400	Horizontal	Pass
1**	1512.400	40.33	-17.24	54.0	13.67	AV	299.00	400	Horizontal	Pass
2	4284.400	50.09	-4.16	74.0	23.91	Peak	168.00	200	Horizontal	Pass
2**	4284.400	41.16	-4.16	54.0	12.84	AV	168.00	200	Horizontal	Pass
3	5782.800	106.21	-1.40	--	--	Peak	309.00	200	Horizontal	N/A
3**	5782.800	98.57	-1.40	--	--	AV	309.00	200	Horizontal	N/A
4	7326.600	49.92	-3.41	74.0	24.08	Peak	47.00	100	Horizontal	Pass
4**	7326.600	40.39	-3.41	54.0	13.61	AV	47.00	100	Horizontal	Pass
5	12355.838	53.16	1.17	74.0	20.84	Peak	203.00	200	Horizontal	Pass
5**	12355.838	43.82	1.17	54.0	10.18	AV	203.00	200	Horizontal	Pass
6	16100.025	55.64	1.20	74.0	18.36	Peak	266.00	100	Horizontal	Pass
6**	16100.025	46.03	1.20	54.0	7.97	AV	266.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2749.900	52.80	-10.96	74.0	21.20	Peak	344.00	150	Vertical	Pass
1**	2749.900	50.59	-10.96	54.0	3.41	AV	344.00	150	Vertical	Pass
2	4387.400	49.98	-3.35	74.0	24.02	Peak	190.00	100	Vertical	Pass
2**	4387.400	41.31	-3.35	54.0	12.69	AV	190.00	100	Vertical	Pass
3	5782.800	97.77	-1.40	--	--	Peak	99.00	100	Vertical	N/A
3**	5782.800	89.79	-1.40	--	--	AV	99.00	100	Vertical	N/A
4	7322.000	49.61	-3.24	74.0	24.39	Peak	318.00	200	Vertical	Pass
4**	7322.000	40.71	-3.24	54.0	13.29	AV	318.00	200	Vertical	Pass
5	11629.325	53.22	-0.19	74.0	20.78	Peak	360.00	100	Vertical	Pass
5**	11629.325	43.06	-0.19	54.0	10.94	AV	360.00	100	Vertical	Pass
6	16066.162	56.19	1.19	74.0	17.81	Peak	325.00	300	Vertical	Pass
6**	16066.162	45.28	1.19	54.0	8.72	AV	325.00	300	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	1650.300	53.66	-16.79	68.2	14.54	Peak	327.00	150	Horizontal	Pass
1**	1650.300	51.90	-16.79	--	--	AV	327.00	150	Horizontal	N/A
2	4232.400	50.54	-3.86	74.0	23.46	Peak	81.00	200	Horizontal	Pass
2**	4232.400	40.33	-3.86	54.0	13.67	AV	81.00	200	Horizontal	Pass
3	5827.400	105.45	-1.94	--	--	Peak	328.00	100	Horizontal	N/A
3**	5827.400	97.74	-1.94	--	--	AV	328.00	100	Horizontal	N/A
4	7507.438	49.61	-3.09	74.0	24.39	Peak	0.00	300	Horizontal	Pass
4**	7507.438	40.58	-3.09	54.0	13.42	AV	0.00	300	Horizontal	Pass
5	12254.638	53.54	0.98	74.0	20.46	Peak	7.00	100	Horizontal	Pass
5**	12254.638	43.08	0.98	54.0	10.92	AV	7.00	100	Horizontal	Pass
6	16100.025	56.27	1.20	74.0	17.73	Peak	360.00	400	Horizontal	Pass
6**	16100.025	47.17	1.20	54.0	6.83	AV	360.00	400	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	1512.800	41.52	-17.25	74.0	32.48	Peak	242.00	200	Vertical	Pass
1**	1512.800	36.98	-17.25	54.0	17.02	AV	242.00	200	Vertical	Pass
2	2749.900	52.30	-10.96	74.0	21.70	Peak	347.00	150	Vertical	Pass
2**	2749.900	49.91	-10.96	54.0	4.09	AV	347.00	150	Vertical	Pass
3	4193.400	49.85	-4.73	74.0	24.15	Peak	136.00	100	Vertical	Pass
3**	4193.400	39.65	-4.73	54.0	14.35	AV	136.00	100	Vertical	Pass
4	5827.200	95.45	-1.96	--	--	Peak	104.00	200	Vertical	N/A
4**	5827.200	87.82	-1.96	--	--	AV	104.00	200	Vertical	N/A
5	7437.287	49.94	-3.42	74.0	24.06	Peak	120.00	200	Vertical	Pass
5**	7437.287	40.20	-3.42	54.0	13.80	AV	120.00	200	Vertical	Pass
6	12227.325	53.20	1.31	74.0	20.80	Peak	313.00	100	Vertical	Pass
6**	12227.325	44.26	1.31	54.0	9.74	AV	313.00	100	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	1650.000	53.09	-16.81	68.2	15.11	Peak	321.00	150	Horizontal	Pass
1**	1650.000	50.93	-16.81	--	--	AV	321.00	150	Horizontal	N/A
2	4387.600	50.44	-3.37	74.0	23.56	Peak	240.00	300	Horizontal	Pass
2**	4387.600	41.45	-3.37	54.0	12.55	AV	240.00	300	Horizontal	Pass
3	5757.200	104.44	-1.77	--	--	Peak	324.00	100	Horizontal	N/A
3**	5757.200	96.71	-1.77	--	--	AV	324.00	100	Horizontal	N/A
4	7435.850	49.44	-3.46	74.0	24.56	Peak	0.00	400	Horizontal	Pass
4**	7435.850	40.55	-3.46	54.0	13.45	AV	0.00	400	Horizontal	Pass
5	11510.875	53.51	-0.24	74.0	20.49	Peak	93.00	100	Horizontal	Pass
5**	11510.875	43.39	-0.24	54.0	10.61	AV	93.00	100	Horizontal	Pass
6	15658.237	55.49	1.24	74.0	18.51	Peak	36.00	400	Horizontal	Pass
6**	15658.237	46.78	1.24	54.0	7.22	AV	36.00	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	1512.400	42.59	-17.24	74.0	31.41	Peak	230.00	400	Vertical	Pass
1**	1512.400	38.15	-17.24	54.0	15.85	AV	230.00	400	Vertical	Pass
2	2750.000	52.55	-10.96	74.0	21.45	Peak	333.00	150	Vertical	Pass
2**	2750.000	50.21	-10.96	54.0	3.79	AV	333.00	150	Vertical	Pass
3	5750.800	94.62	-2.26	--	--	Peak	108.00	100	Vertical	N/A
3**	5750.800	86.58	-2.26	--	--	AV	108.00	100	Vertical	N/A
4	7327.750	49.91	-3.45	74.0	24.09	Peak	17.00	200	Vertical	Pass
4**	7327.750	40.03	-3.45	54.0	13.97	AV	17.00	200	Vertical	Pass
5	12617.463	53.33	1.83	74.0	20.67	Peak	67.00	200	Vertical	Pass
5**	12617.463	44.47	1.83	54.0	9.53	AV	67.00	200	Vertical	Pass
6	15663.225	55.54	1.32	74.0	18.46	Peak	196.00	100	Vertical	Pass
6**	15663.225	46.48	1.32	54.0	7.52	AV	196.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1650.000	52.73	-16.81	68.2	15.47	Peak	331.00	150	Horizontal	Pass
1**	1650.000	50.95	-16.81	--	--	AV	331.00	150	Horizontal	N/A
2	4391.200	51.02	-3.40	74.0	22.98	Peak	81.00	100	Horizontal	Pass
2**	4391.200	41.41	-3.40	54.0	12.59	AV	81.00	100	Horizontal	Pass
3	5796.600	102.89	-1.70	--	--	Peak	327.00	100	Horizontal	N/A
3**	5796.600	95.49	-1.70	--	--	AV	327.00	100	Horizontal	N/A
4	7340.975	49.69	-3.07	74.0	24.31	Peak	347.00	200	Horizontal	Pass
4**	7340.975	41.11	-3.07	54.0	12.89	AV	347.00	200	Horizontal	Pass
5	11952.474	53.66	1.28	74.0	20.34	Peak	148.00	100	Horizontal	Pass
5**	11952.474	43.11	1.28	54.0	10.89	AV	148.00	100	Horizontal	Pass
6	15813.638	57.27	2.09	74.0	16.73	Peak	213.00	300	Horizontal	Pass
6**	15813.638	46.93	2.09	54.0	7.07	AV	213.00	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	2749.900	53.75	-10.96	74.0	20.25	Peak	347.00	150	Vertical	Pass
1**	2749.900	50.91	-10.96	54.0	3.09	AV	347.00	150	Vertical	Pass
2	4380.400	49.74	-3.39	74.0	24.26	Peak	52.00	200	Vertical	Pass
2**	4380.400	41.26	-3.39	54.0	12.74	AV	52.00	200	Vertical	Pass
3	5797.200	93.91	-1.72	--	--	Peak	113.00	100	Vertical	N/A
3**	5797.200	86.18	-1.72	--	--	AV	113.00	100	Vertical	N/A
4	7712.138	50.53	-2.25	74.0	23.47	Peak	226.00	100	Vertical	Pass
4**	7712.138	39.66	-2.25	54.0	14.34	AV	226.00	100	Vertical	Pass
5	12345.201	53.41	1.28	74.0	20.59	Peak	242.00	200	Vertical	Pass
5**	12345.201	44.09	1.28	54.0	9.91	AV	242.00	200	Vertical	Pass
6	16197.675	55.55	1.59	74.0	18.45	Peak	258.00	200	Vertical	Pass
6**	16197.675	46.55	1.59	54.0	7.45	AV	258.00	200	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	1650.100	53.55	-16.80	68.2	14.65	Peak	237.00	150	Horizontal	Pass
1**	1650.100	52.02	-16.80	--	--	AV	237.00	150	Horizontal	N/A
2	4392.400	50.29	-3.55	74.0	23.71	Peak	310.00	100	Horizontal	Pass
2**	4392.400	41.26	-3.55	54.0	12.74	AV	310.00	100	Horizontal	Pass
3	5772.200	101.19	-2.02	--	--	Peak	321.00	100	Horizontal	N/A
3**	5772.200	93.56	-2.02	--	--	AV	321.00	100	Horizontal	N/A
4	7333.788	50.89	-3.14	74.0	23.11	Peak	346.00	400	Horizontal	Pass
4**	7333.788	40.56	-3.14	54.0	13.44	AV	346.00	400	Horizontal	Pass
5	12674.962	53.14	0.94	74.0	20.86	Peak	261.00	150	Horizontal	Pass
5**	12674.962	43.03	0.94	54.0	10.97	AV	261.00	150	Horizontal	Pass
6	15628.313	55.18	1.71	74.0	18.82	Peak	0.00	100	Horizontal	Pass
6**	15628.313	46.61	1.71	54.0	7.39	AV	0.00	100	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	2749.800	54.02	-10.94	74.0	19.98	Peak	339.00	150	Vertical	Pass
1**	2749.800	50.66	-10.94	54.0	3.34	AV	339.00	150	Vertical	Pass
2	4200.600	51.19	-4.46	74.0	22.81	Peak	284.00	400	Vertical	Pass
2**	4200.600	40.72	-4.46	54.0	13.28	AV	284.00	400	Vertical	Pass
3	5768.600	92.12	-1.89	--	--	Peak	116.00	150	Vertical	N/A
3**	5768.600	84.26	-1.89	--	--	AV	116.00	150	Vertical	N/A
4	7395.025	50.06	-3.88	74.0	23.94	Peak	91.00	100	Vertical	Pass
4**	7395.025	40.48	-3.88	54.0	13.52	AV	91.00	100	Vertical	Pass
5	12226.750	53.51	1.31	74.0	20.49	Peak	142.00	150	Vertical	Pass
5**	12226.750	43.15	1.31	54.0	10.85	AV	142.00	150	Vertical	Pass
6	15795.000	56.49	2.17	74.0	17.51	Peak	296.00	100	Vertical	Pass
6**	15795.000	46.53	2.17	54.0	7.47	AV	296.00	100	Vertical	Pass

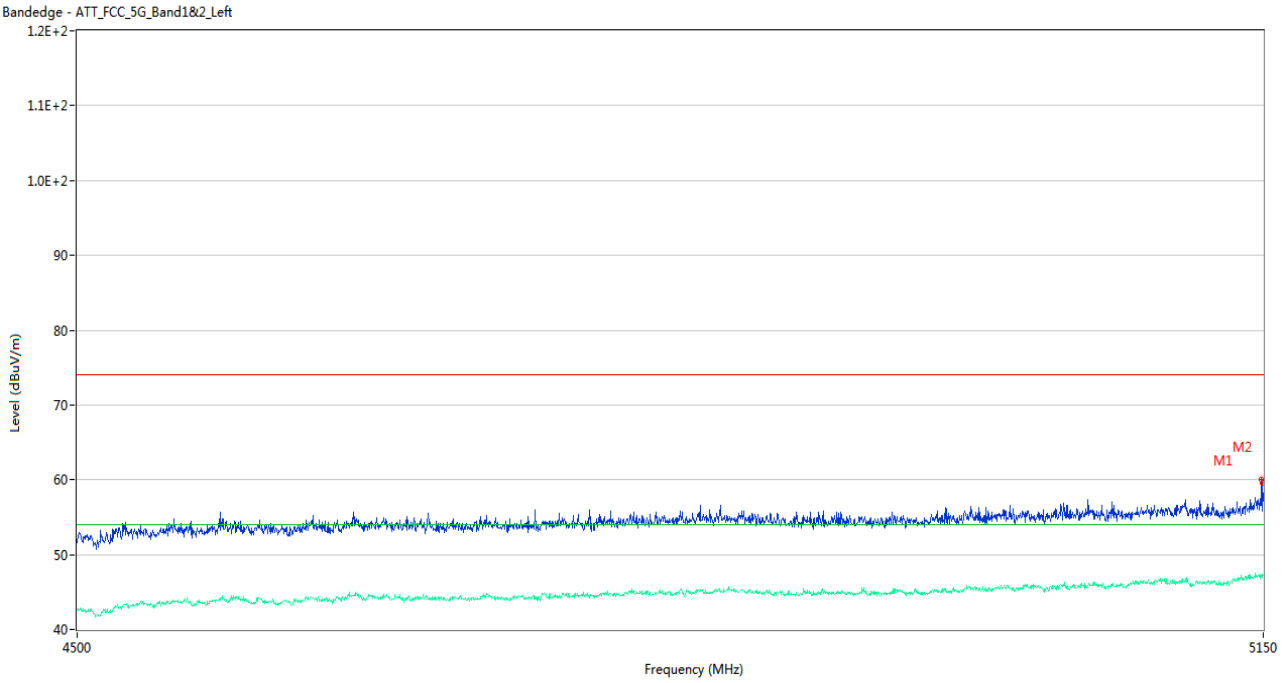
A.6.2 Band Edge (Restricted-band)

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

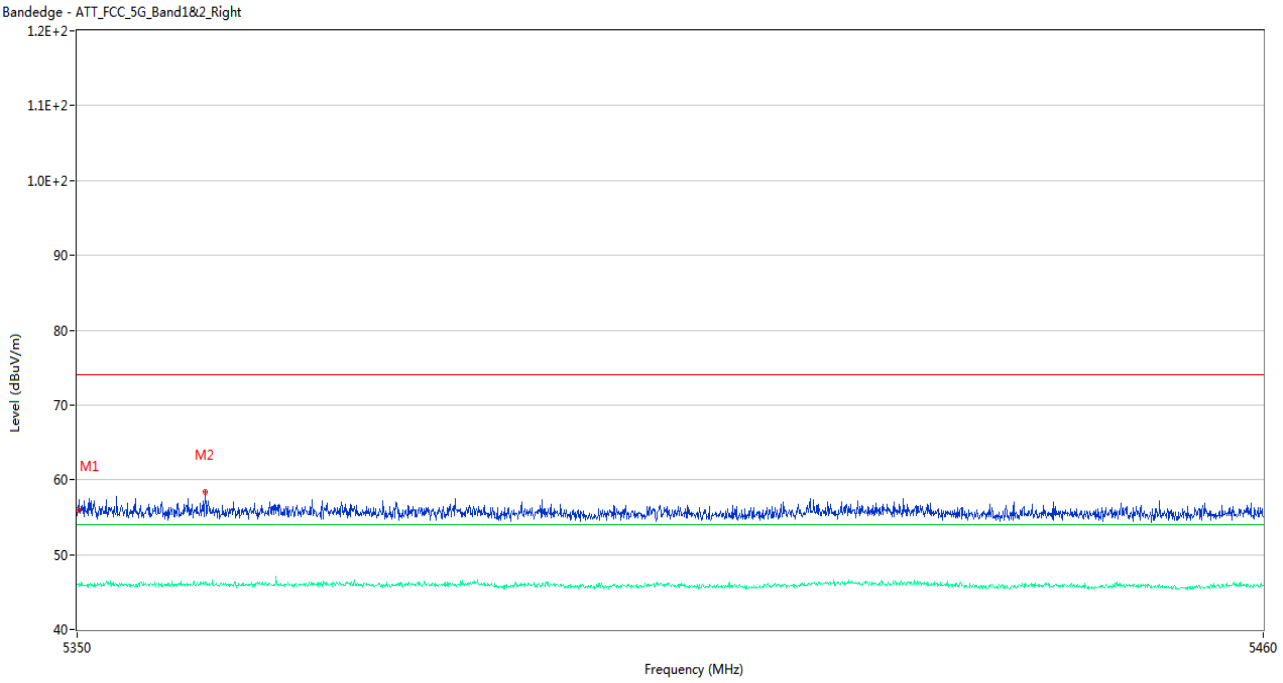
Test Data and Plots

U-NII-1 11a Low Channel



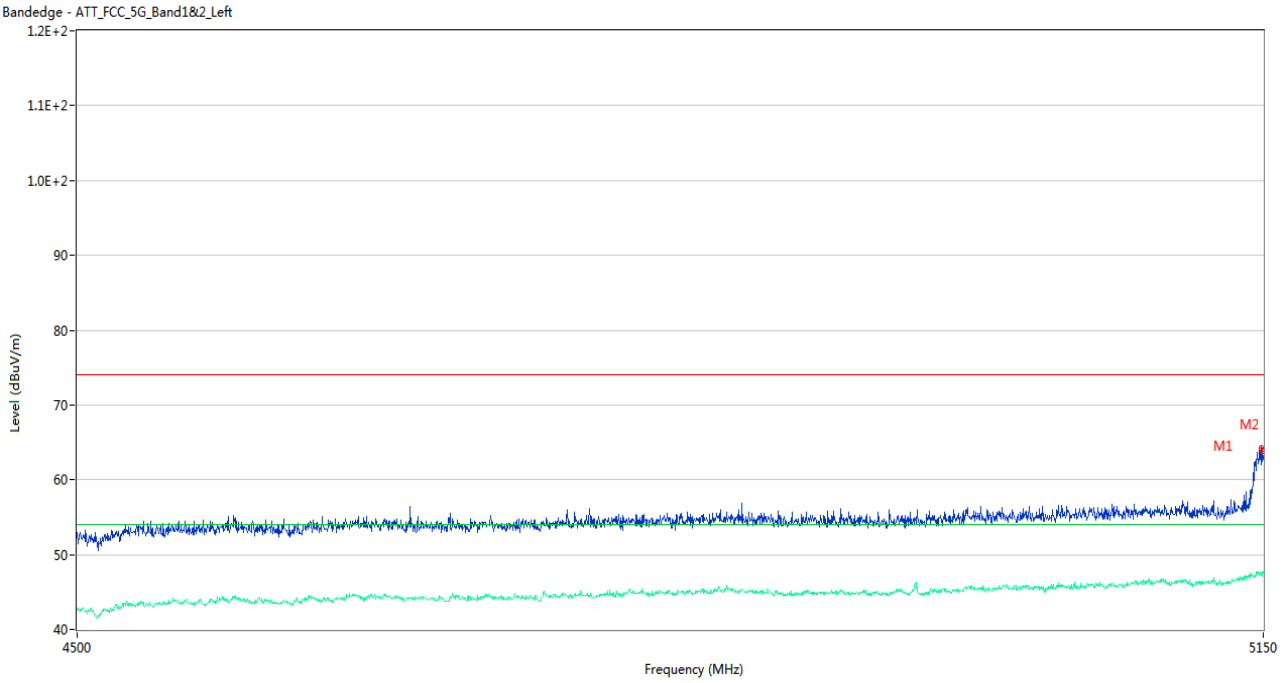
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	59.99	2.02	74.0	14.01	Peak	286.00	150	Horizontal	Pass
1**	5149.025	47.27	2.02	54.0	6.73	AV	286.00	150	Horizontal	Pass
2	5149.675	59.58	2.07	74.0	14.42	Peak	91.00	150	Horizontal	Pass
2**	5149.675	47.32	2.07	54.0	6.68	AV	91.00	150	Horizontal	Pass

U-NII-1 11a High Channel



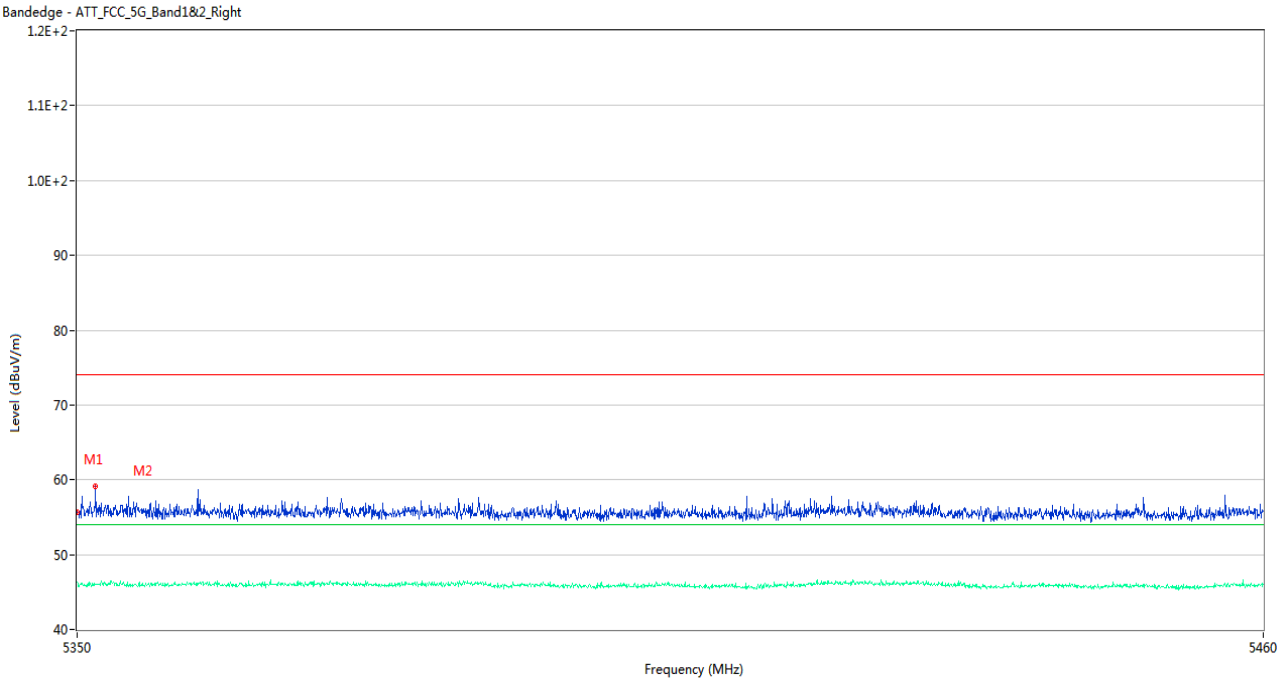
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.03	1.93	74.0	17.97	Peak	0.00	150	Horizontal	Pass
1**	5350.055	45.96	1.93	54.0	8.04	AV	0.00	150	Horizontal	Pass
2	5361.770	58.38	2.35	74.0	15.62	Peak	0.00	200	Horizontal	Pass
2**	5361.770	46.29	2.35	54.0	7.71	AV	0.00	200	Horizontal	Pass

U-NII-1 11n20 Low Channel



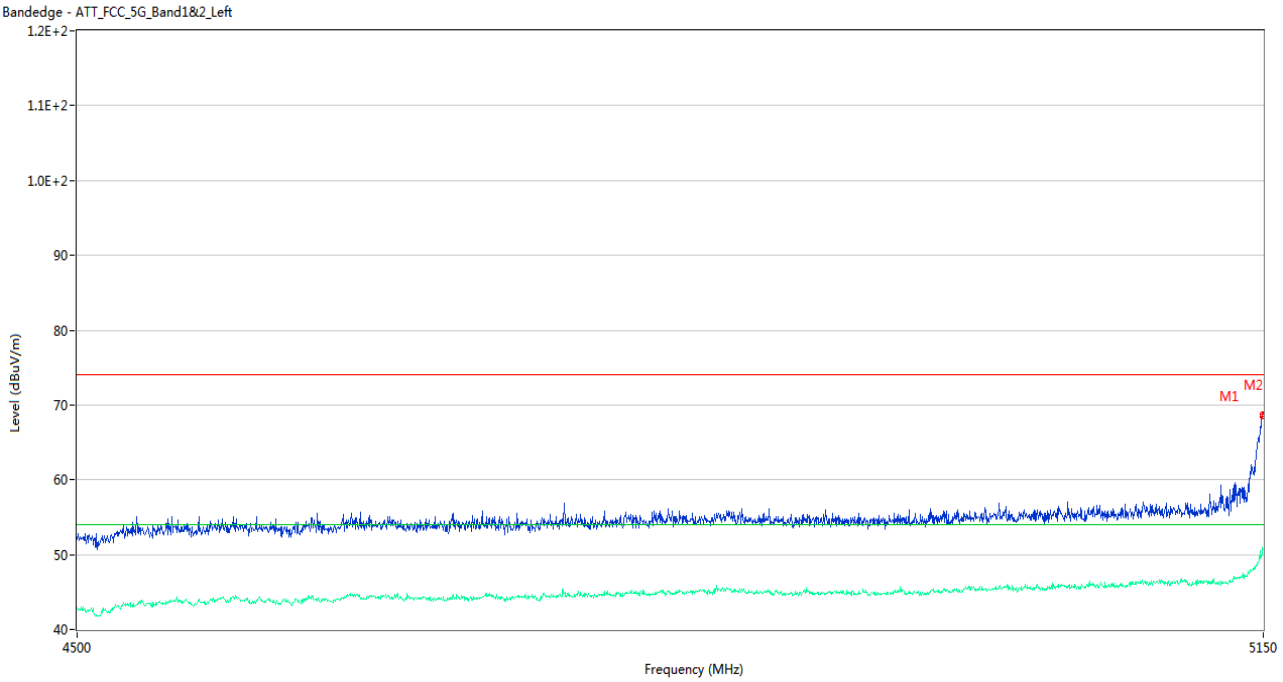
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	64.33	2.02	74.0	9.67	Peak	24.00	150	Horizontal	Pass
1**	5149.025	47.21	2.02	54.0	6.79	AV	24.00	150	Horizontal	Pass
2	5149.675	63.74	2.07	74.0	10.26	Peak	49.00	150	Horizontal	Pass
2**	5149.675	47.12	2.07	54.0	6.88	AV	49.00	150	Horizontal	Pass

U-NII-1 11n20 High Channel



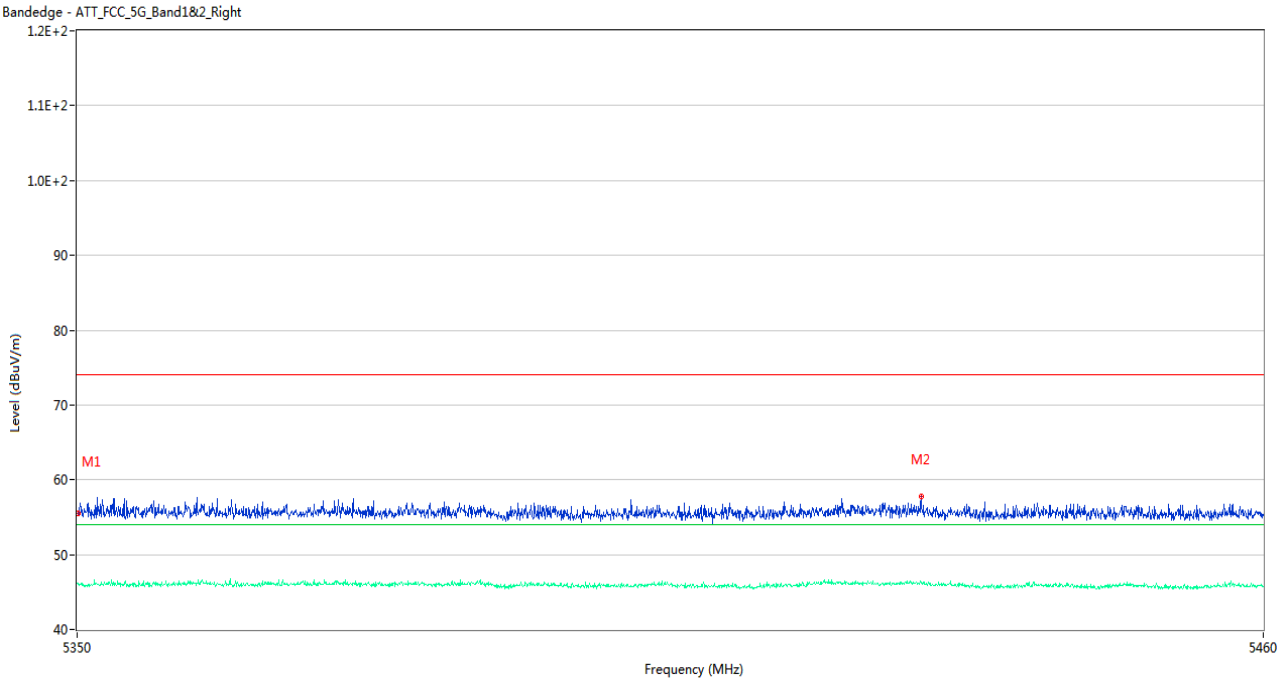
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.66	1.93	74.0	18.34	Peak	211.00	200	Horizontal	Pass
1**	5350.000	46.29	1.93	54.0	7.71	AV	211.00	200	Horizontal	Pass
2	5351.705	59.15	1.99	74.0	14.85	Peak	285.00	200	Horizontal	Pass
2**	5351.705	46.03	1.99	54.0	7.97	AV	285.00	200	Horizontal	Pass

U-NII-1 11n40 Low Channel



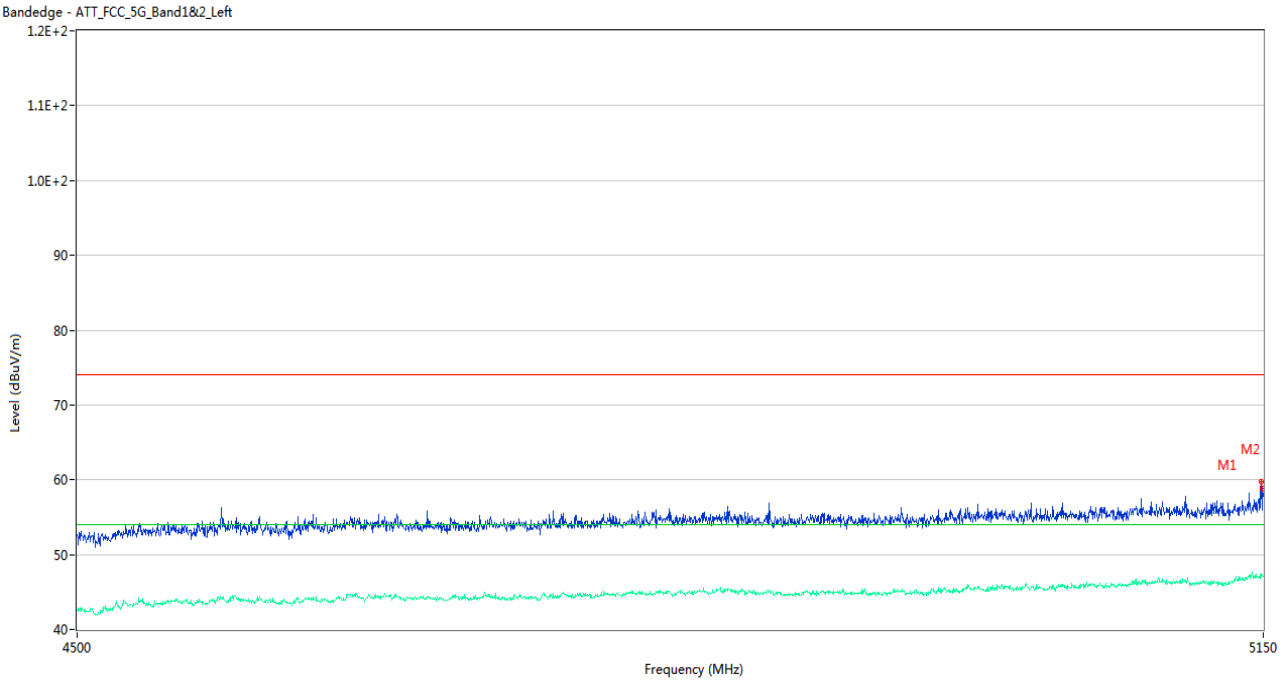
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	68.83	2.05	74.0	5.17	Peak	45.00	100	Horizontal	Pass
1**	5149.350	49.95	2.05	54.0	4.05	AV	45.00	100	Horizontal	Pass
2	5149.675	68.53	2.07	74.0	5.47	Peak	43.00	200	Horizontal	Pass
2**	5149.675	50.98	2.07	54.0	3.02	AV	43.00	200	Horizontal	Pass

U-NII-1 11n40 High Channel



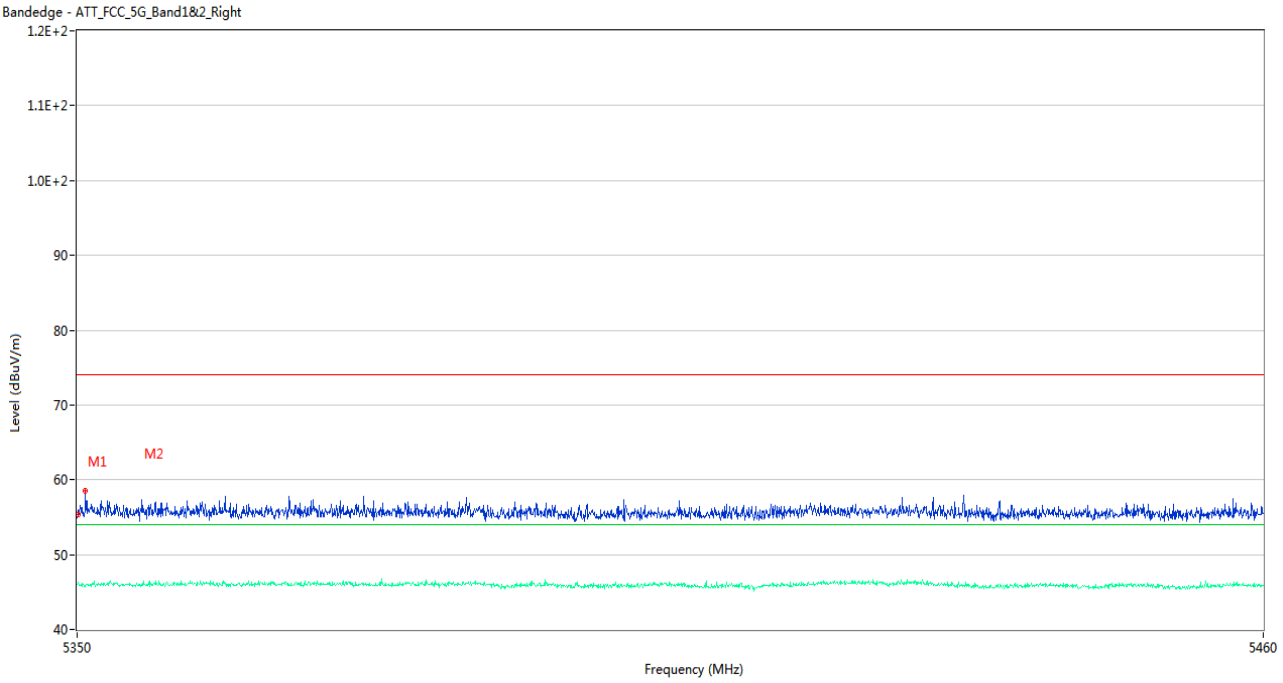
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.57	1.93	74.0	18.43	Peak	20.00	150	Horizontal	Pass
1**	5350.055	46.11	1.93	54.0	7.89	AV	20.00	150	Horizontal	Pass
2	5428.045	57.73	2.46	74.0	16.27	Peak	90.00	200	Horizontal	Pass
2**	5428.045	46.35	2.46	54.0	7.65	AV	90.00	200	Horizontal	Pass

U-NII-1 11ac20 Low Channel



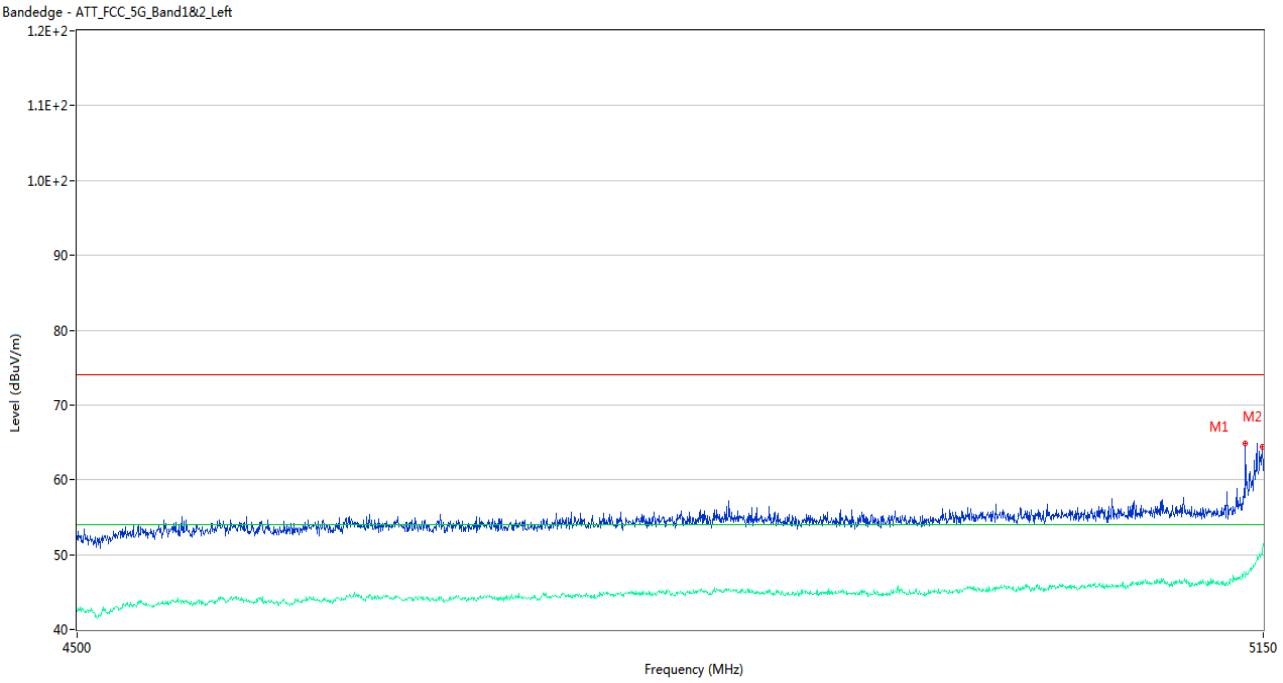
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	59.79	2.06	74.0	14.21	Peak	24.00	150	Horizontal	Pass
1**	5148.700	47.40	2.06	54.0	6.60	AV	24.00	150	Horizontal	Pass
2	5149.675	58.79	2.07	74.0	15.21	Peak	310.00	100	Horizontal	Pass
2**	5149.675	47.38	2.07	54.0	6.62	AV	310.00	100	Horizontal	Pass

U-NII-1 11ac20 High Channel



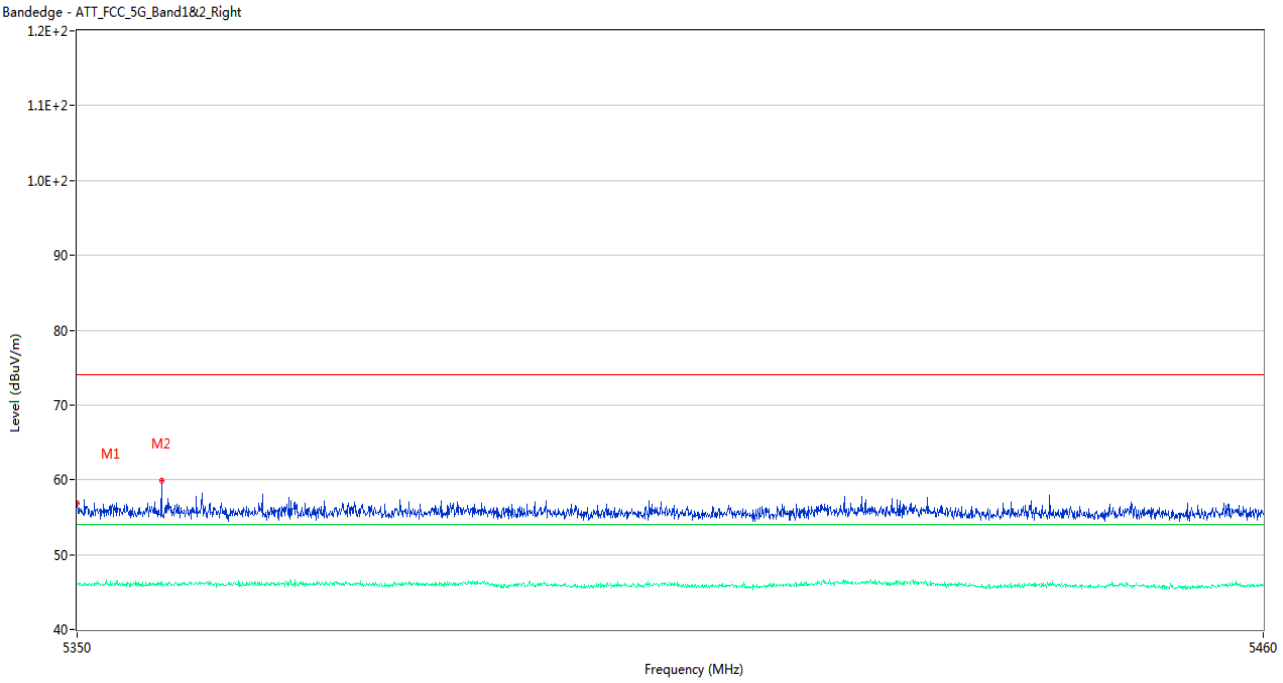
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.38	1.93	74.0	18.62	Peak	87.00	100	Horizontal	Pass
1**	5350.055	46.12	1.93	54.0	7.88	AV	87.00	100	Horizontal	Pass
2	5350.770	58.47	1.89	74.0	15.53	Peak	56.00	200	Horizontal	Pass
2**	5350.770	45.80	1.89	54.0	8.20	AV	56.00	200	Horizontal	Pass

U-NII-1 11ac40 Low Channel



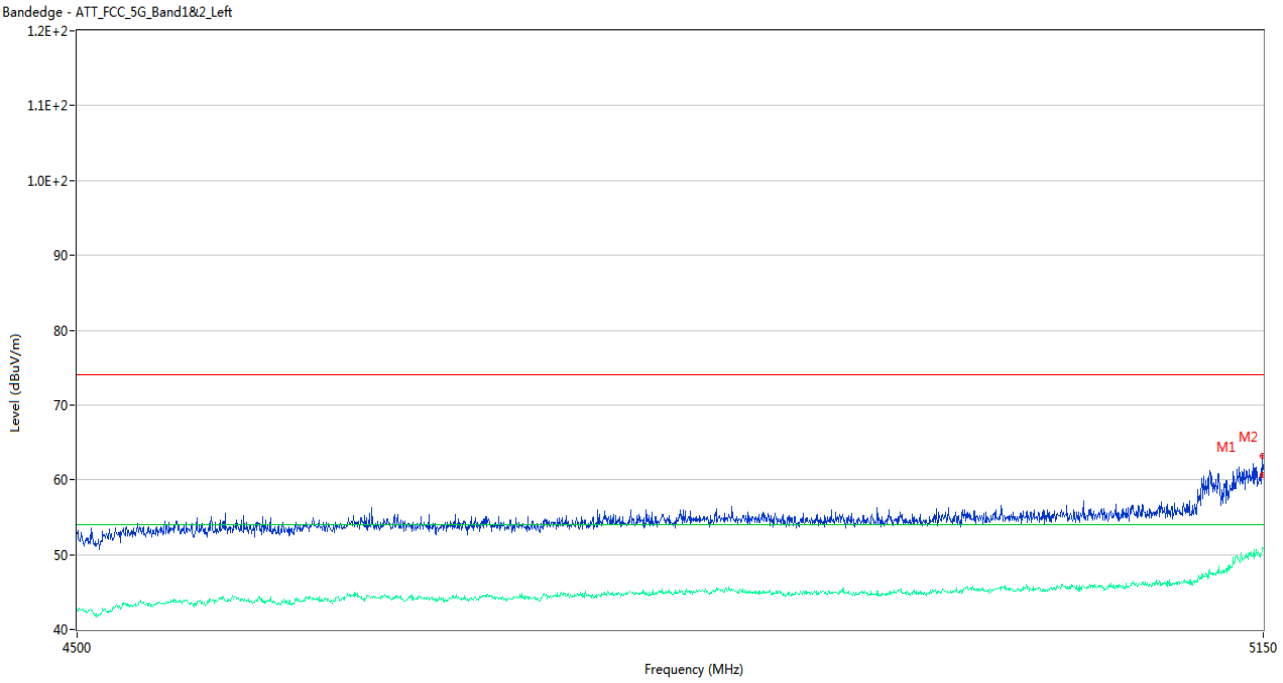
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5139.600	64.90	2.37	74.0	9.10	Peak	317.00	150	Horizontal	Pass
1**	5139.600	46.97	2.37	54.0	7.03	AV	317.00	150	Horizontal	Pass
2	5149.675	64.40	2.07	74.0	9.60	Peak	0.00	200	Horizontal	Pass
2**	5149.675	50.53	2.07	54.0	3.47	AV	0.00	200	Horizontal	Pass

U-NII-1 11ac40 High Channel



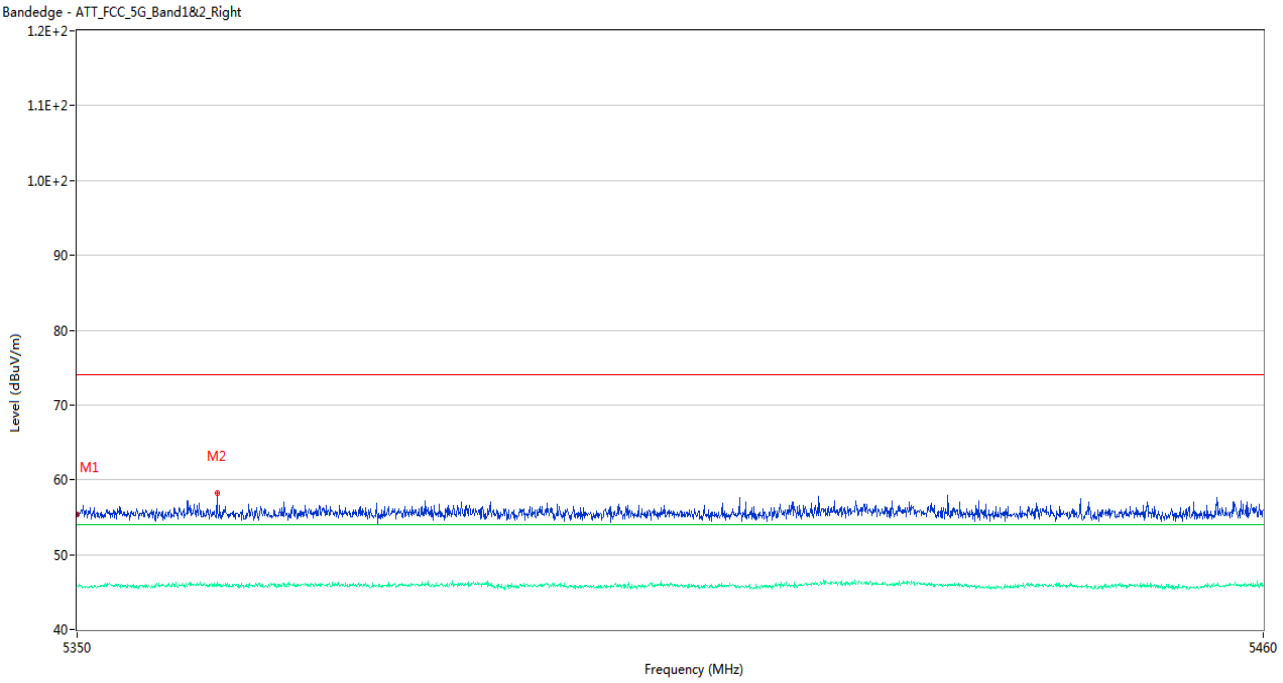
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.80	1.93	74.0	17.20	Peak	49.00	100	Horizontal	Pass
1**	5350.000	46.05	1.93	54.0	7.95	AV	49.00	100	Horizontal	Pass
2	5357.755	59.88	2.21	74.0	14.12	Peak	0.00	150	Horizontal	Pass
2**	5357.755	46.07	2.21	54.0	7.93	AV	0.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



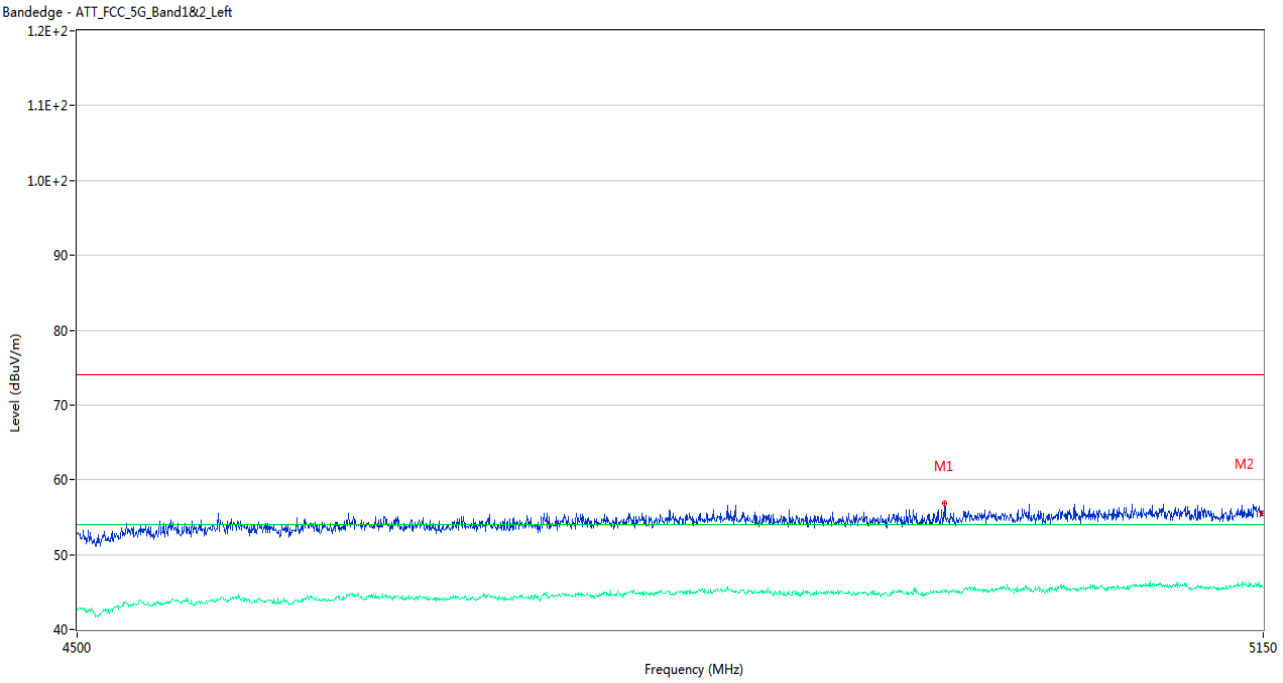
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	63.24	2.05	74.0	10.76	Peak	71.00	200	Horizontal	Pass
1**	5149.350	50.33	2.05	54.0	3.67	AV	71.00	200	Horizontal	Pass
2	5149.675	60.66	2.07	74.0	13.34	Peak	53.00	150	Horizontal	Pass
2**	5149.675	50.97	2.07	54.0	3.03	AV	53.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



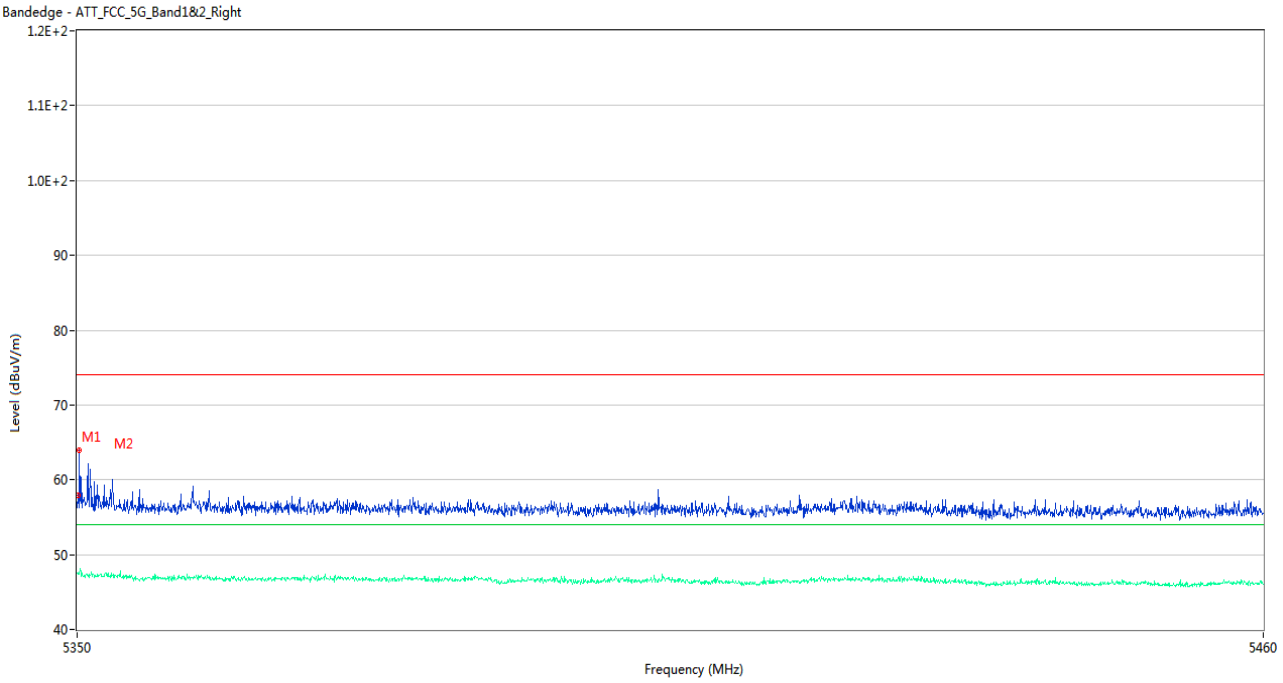
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.32	1.93	74.0	18.68	Peak	140.00	200	Horizontal	Pass
1**	5350.000	45.85	1.93	54.0	8.15	AV	140.00	200	Horizontal	Pass
2	5362.870	58.24	2.23	74.0	15.76	Peak	61.00	200	Horizontal	Pass
2**	5362.870	45.85	2.23	54.0	8.15	AV	61.00	200	Horizontal	Pass

U-NII-2A 11a Low Channel



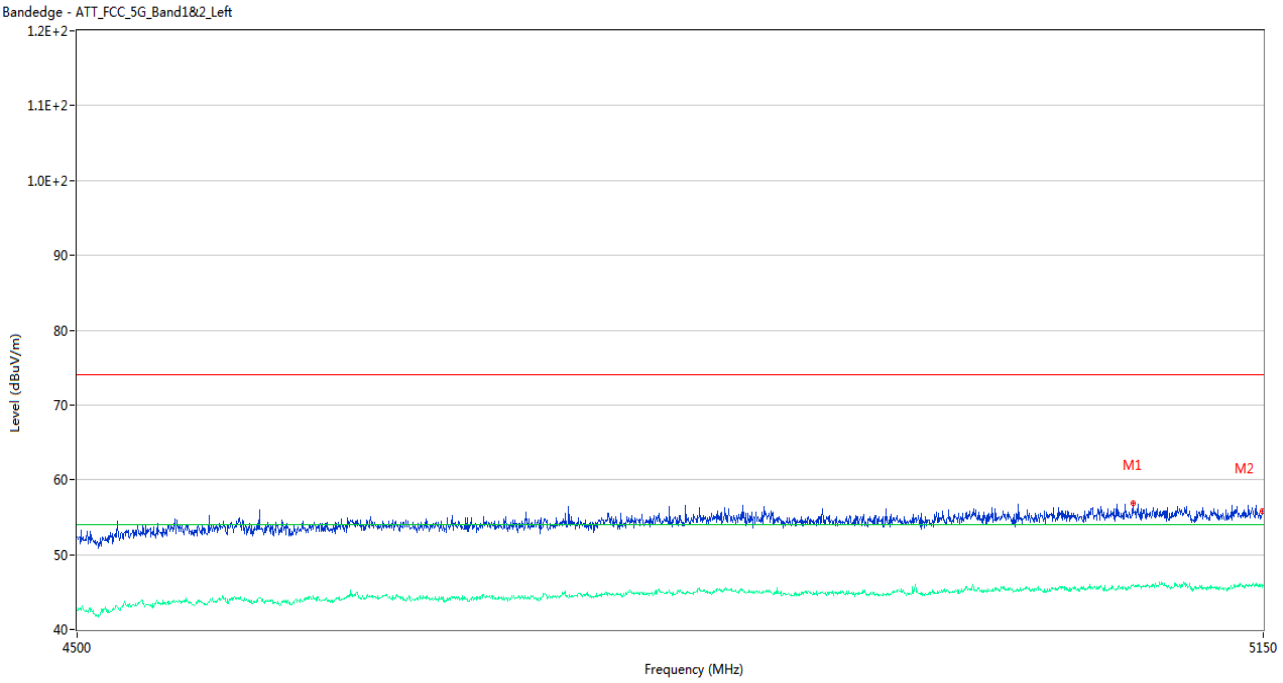
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4966.375	56.81	2.07	74.0	17.19	Peak	283.00	100	Horizontal	Pass
1**	4966.375	45.20	2.07	54.0	8.80	AV	283.00	100	Horizontal	Pass
2	5149.675	55.49	2.07	74.0	18.51	Peak	306.00	100	Horizontal	Pass
2**	5149.675	45.92	2.07	54.0	8.08	AV	306.00	100	Horizontal	Pass

U-NII-2A 11a High Channel



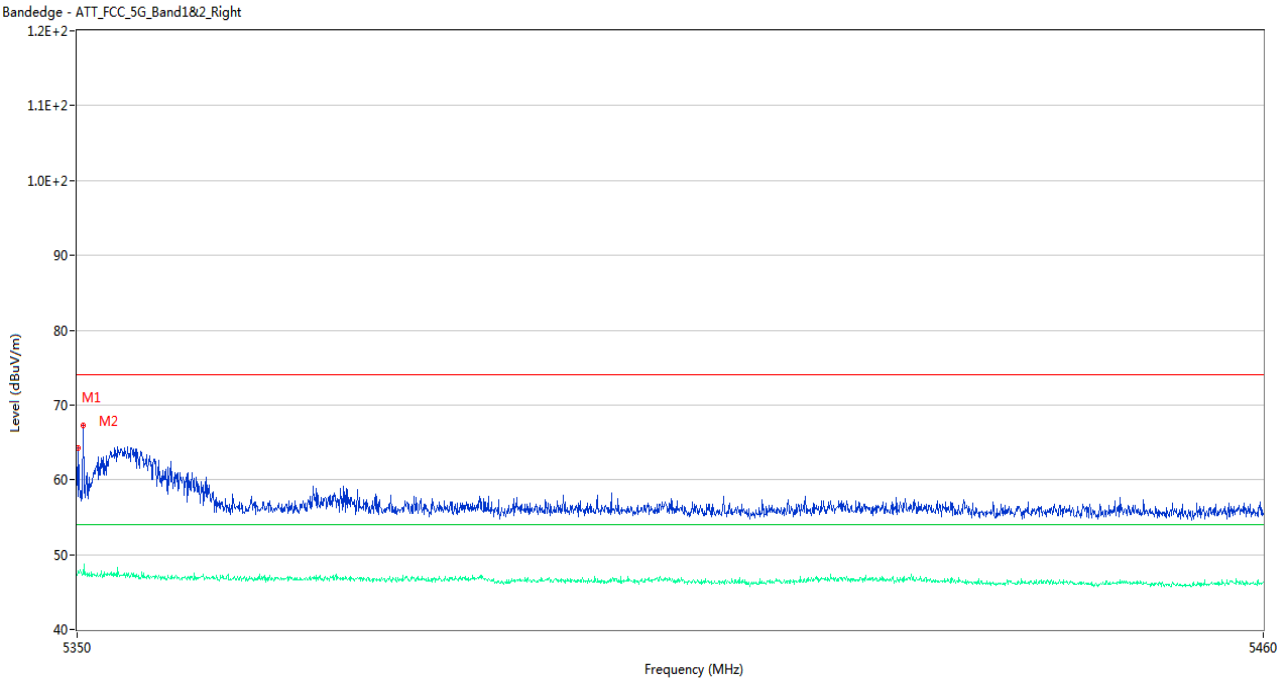
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	57.95	1.93	74.0	16.05	Peak	277.00	200	Horizontal	Pass
1**	5350.055	47.53	1.93	54.0	6.47	AV	277.00	200	Horizontal	Pass
2	5350.220	63.98	1.92	74.0	10.02	Peak	23.00	200	Horizontal	Pass
2**	5350.220	47.35	1.92	54.0	6.65	AV	23.00	200	Horizontal	Pass

U-NII-2A 11n20 Low Channel



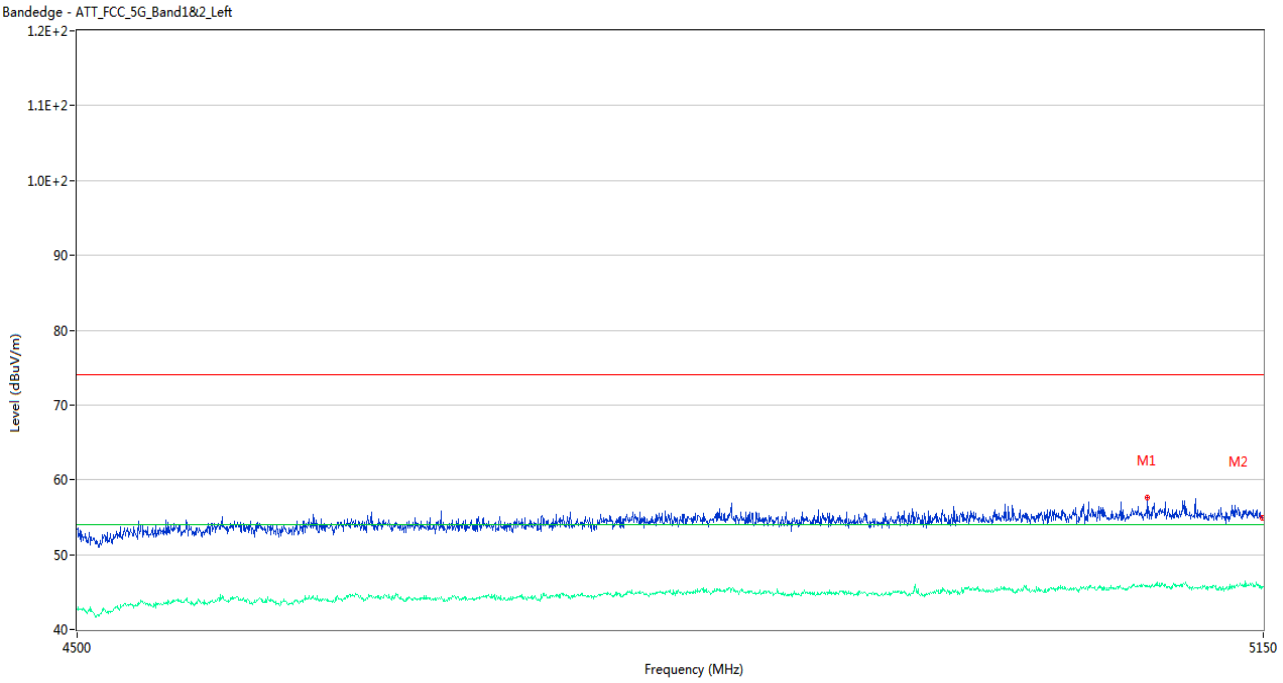
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5074.275	56.93	2.32	74.0	17.07	Peak	78.00	200	Horizontal	Pass
1**	5074.275	46.01	2.32	54.0	7.99	AV	78.00	200	Horizontal	Pass
2	5149.675	55.85	2.07	74.0	18.15	Peak	22.00	200	Horizontal	Pass
2**	5149.675	45.59	2.07	54.0	8.41	AV	22.00	200	Horizontal	Pass

U-NII-2A 11n20 High Channel



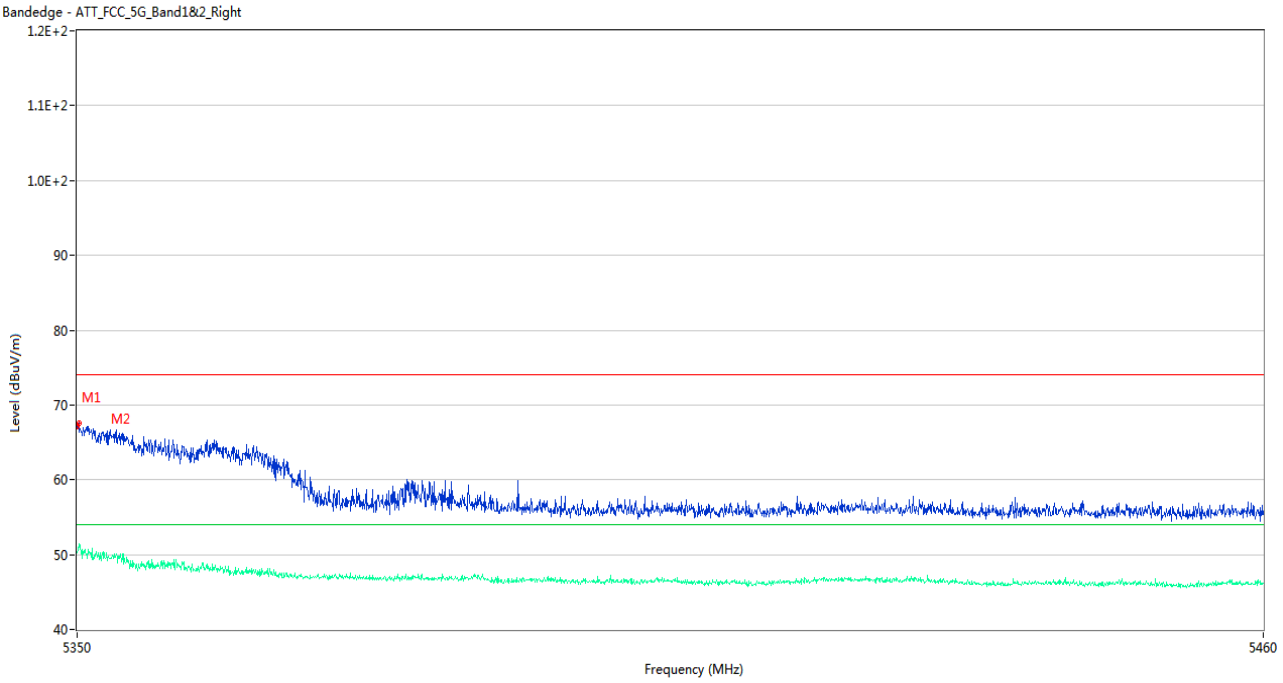
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	64.28	1.93	74.0	9.72	Peak	316.00	200	Horizontal	Pass
1**	5350.055	47.58	1.93	54.0	6.42	AV	316.00	200	Horizontal	Pass
2	5350.550	67.20	1.90	74.0	6.80	Peak	64.00	100	Horizontal	Pass
2**	5350.550	47.38	1.90	54.0	6.62	AV	64.00	100	Horizontal	Pass

U-NII-2A 11n40 Low Channel



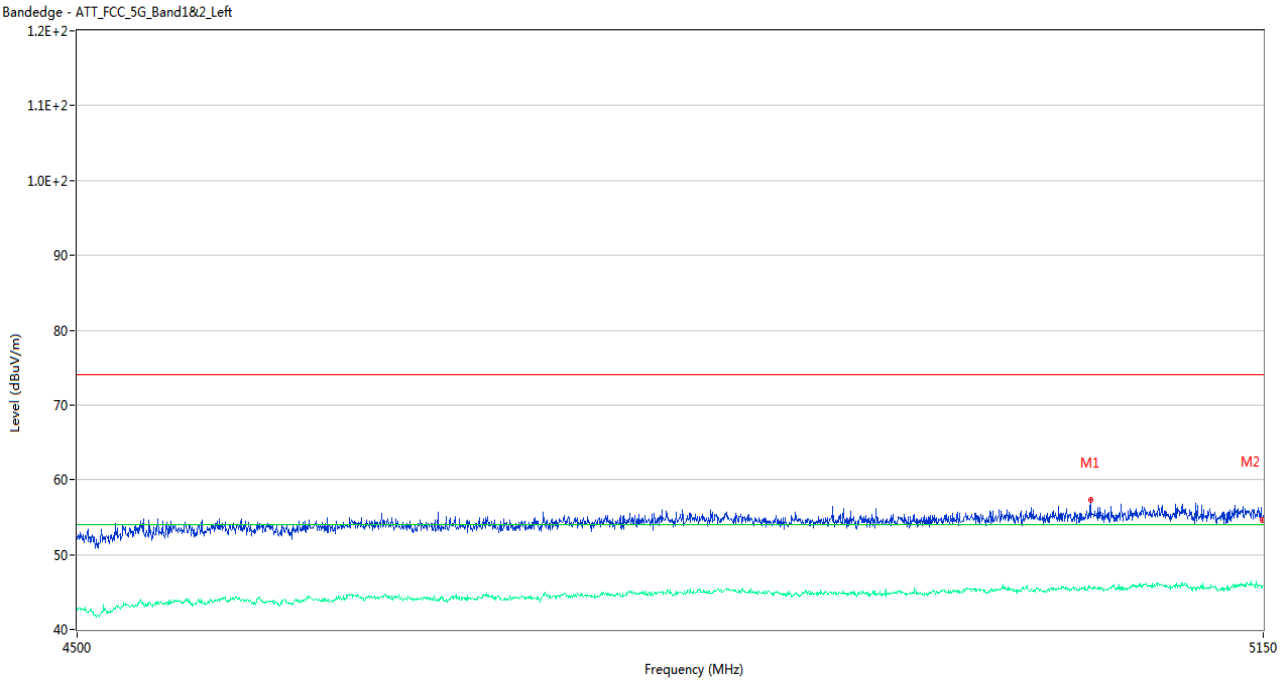
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5082.725	57.67	2.28	74.0	16.33	Peak	74.00	200	Horizontal	Pass
1**	5082.725	45.74	2.28	54.0	8.26	AV	74.00	200	Horizontal	Pass
2	5149.675	54.91	2.07	74.0	19.09	Peak	327.00	100	Horizontal	Pass
2**	5149.675	45.71	2.07	54.0	8.29	AV	327.00	100	Horizontal	Pass

U-NII-2A 11n40 High Channel



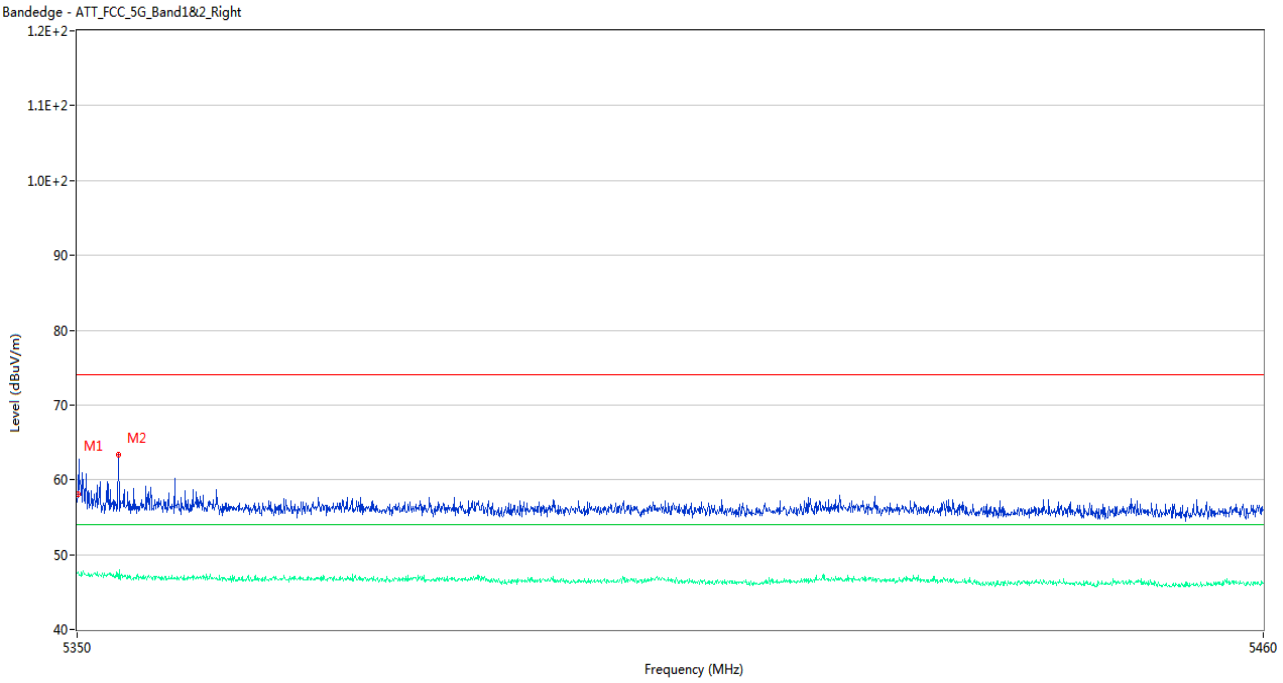
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	67.16	1.93	74.0	6.84	Peak	61.00	100	Horizontal	Pass
1**	5350.000	50.17	1.93	54.0	3.83	AV	61.00	100	Horizontal	Pass
2	5350.165	67.52	1.92	74.0	6.48	Peak	59.00	100	Horizontal	Pass
2**	5350.165	50.92	1.92	54.0	3.08	AV	59.00	100	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



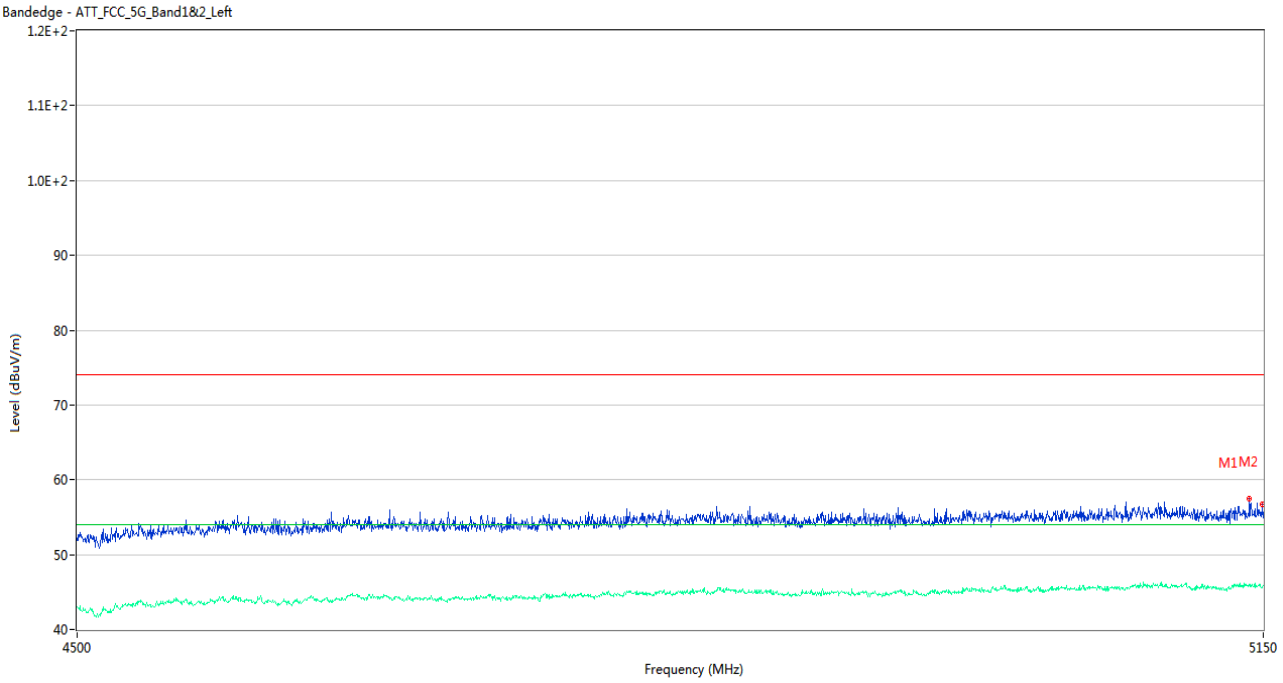
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5049.900	57.26	2.20	74.0	16.74	Peak	220.00	100	Horizontal	Pass
1**	5049.900	45.59	2.20	54.0	8.41	AV	220.00	100	Horizontal	Pass
2	5149.675	54.66	2.07	74.0	19.34	Peak	293.00	200	Horizontal	Pass
2**	5149.675	45.64	2.07	54.0	8.36	AV	293.00	200	Horizontal	Pass

U-NII-2A 11ac20 High Channel



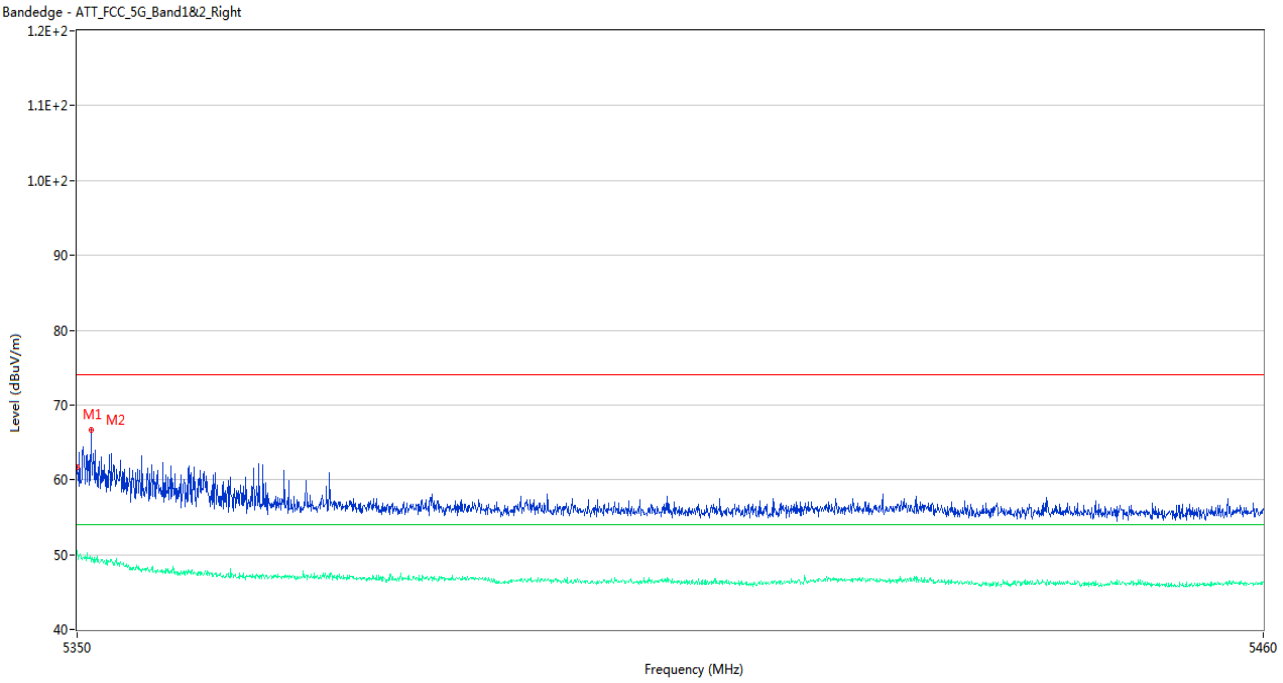
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	58.00	1.93	74.0	16.00	Peak	310.00	100	Horizontal	Pass
1**	5350.055	47.55	1.93	54.0	6.45	AV	310.00	100	Horizontal	Pass
2	5353.795	63.42	2.12	74.0	10.58	Peak	316.00	200	Horizontal	Pass
2**	5353.795	46.75	2.12	54.0	7.25	AV	316.00	200	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



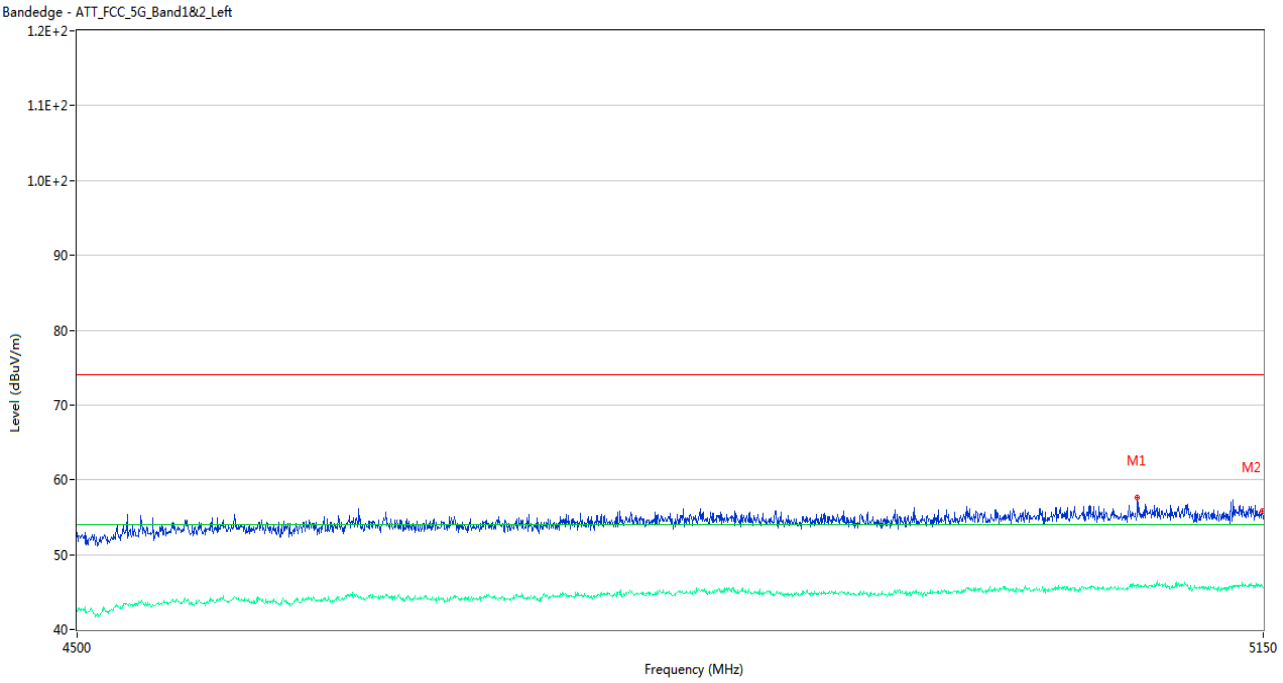
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.875	57.45	2.42	74.0	16.55	Peak	302.00	150	Horizontal	Pass
1**	5141.875	45.82	2.42	54.0	8.18	AV	302.00	150	Horizontal	Pass
2	5149.675	56.67	2.07	74.0	17.33	Peak	70.00	100	Horizontal	Pass
2**	5149.675	45.72	2.07	54.0	8.28	AV	70.00	100	Horizontal	Pass

U-NII-2A 11ac40 High Channel



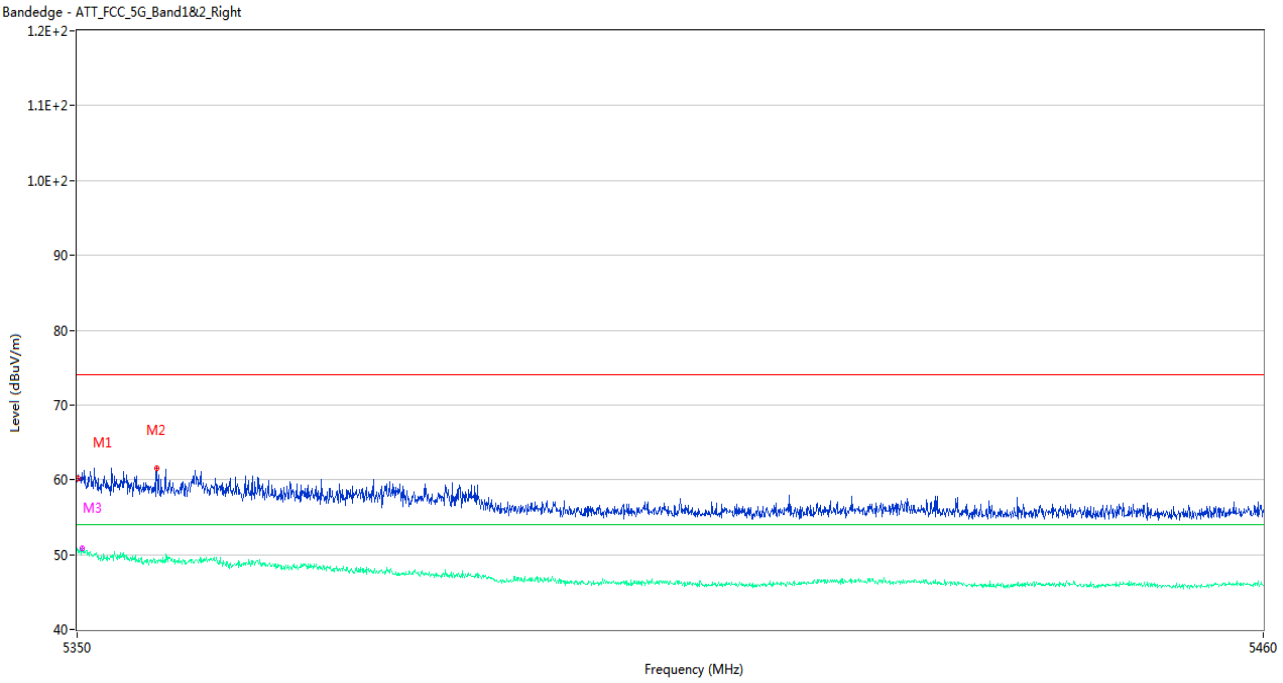
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.64	1.93	74.0	12.36	Peak	0.00	100	Horizontal	Pass
1**	5350.000	50.61	1.93	54.0	3.39	AV	0.00	100	Horizontal	Pass
2	5351.265	66.63	1.94	74.0	7.37	Peak	62.00	150	Horizontal	Pass
2**	5351.265	49.04	1.94	54.0	4.96	AV	62.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



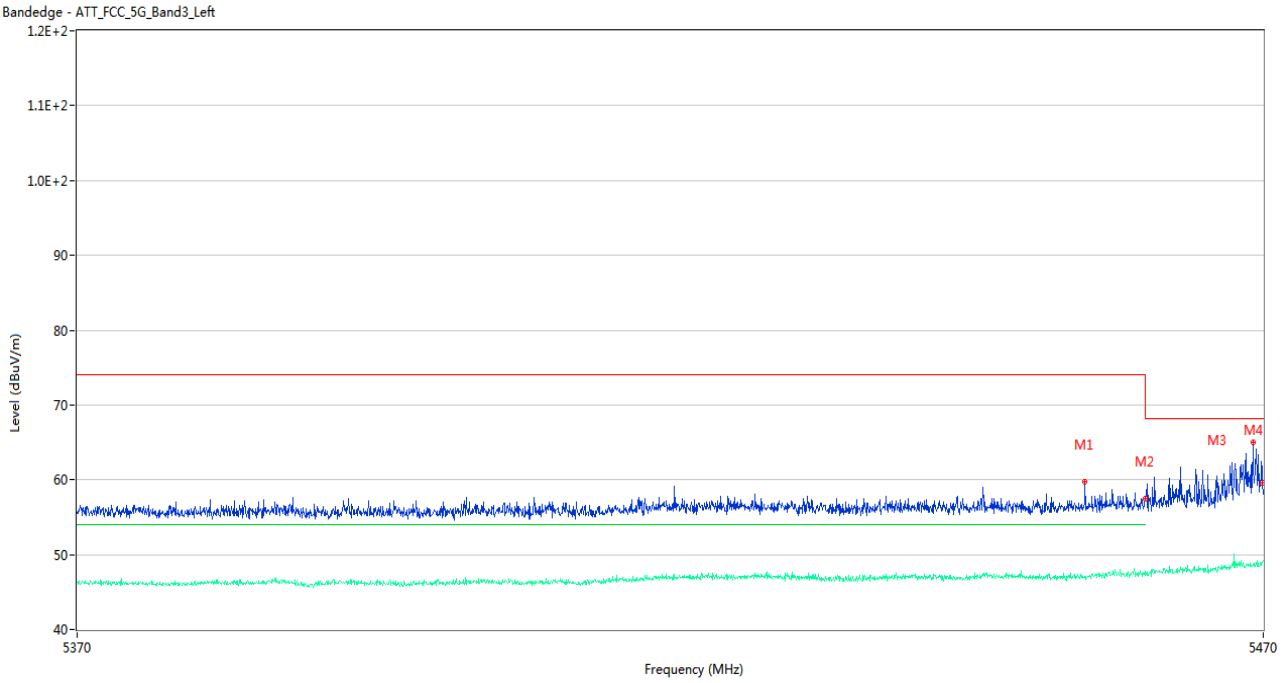
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5076.875	57.66	2.19	74.0	16.34	Peak	76.00	200	Horizontal	Pass
1**	5076.875	46.06	2.19	54.0	7.94	AV	76.00	200	Horizontal	Pass
2	5149.675	55.85	2.07	74.0	18.15	Peak	52.00	150	Horizontal	Pass
2**	5149.675	45.65	2.07	54.0	8.35	AV	52.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



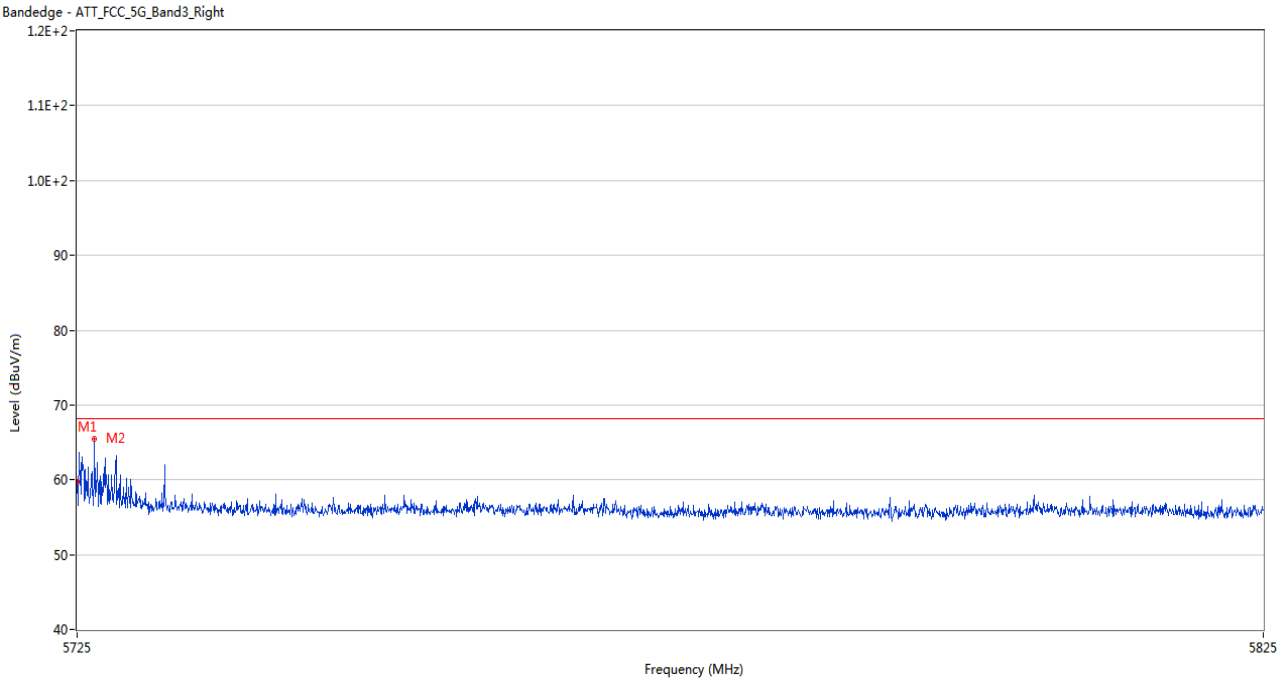
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	60.16	1.93	74.0	13.84	Peak	59.00	100	Horizontal	Pass
1**	5350.055	50.21	1.93	54.0	3.79	AV	59.00	100	Horizontal	Pass
2	5357.315	61.61	2.20	74.0	12.39	Peak	61.00	150	Horizontal	Pass
2**	5357.315	49.16	2.20	54.0	4.84	AV	61.00	150	Horizontal	Pass
3	5350.495	59.86	1.90	74.0	14.14	Peak	322.00	150	Horizontal	Pass
3**	5350.495	50.79	1.90	54.0	3.21	AV	322.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel



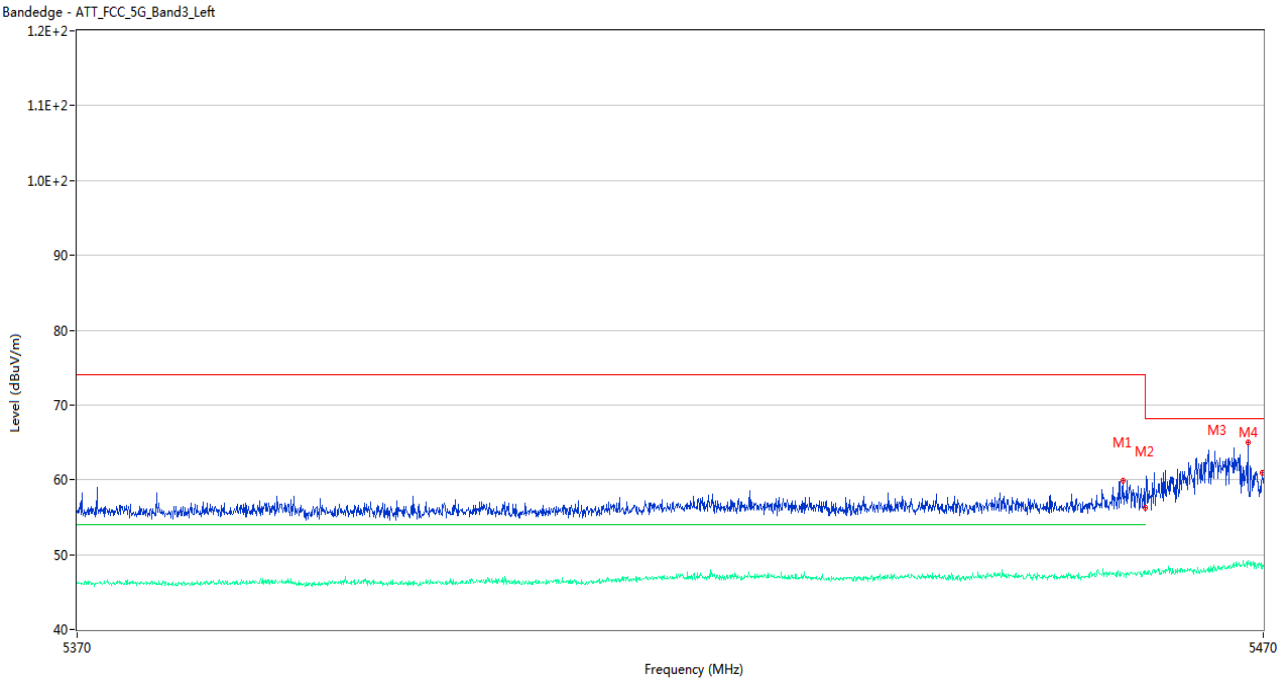
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5454.850	59.77	2.27	74.0	14.23	Peak	60.00	200	Horizontal	Pass
1**	5454.850	47.09	2.27	54.0	6.91	AV	60.00	200	Horizontal	Pass
2	5460.000	57.41	2.50	74.0	16.59	Peak	262.00	100	Horizontal	Pass
2**	5460.000	47.82	2.50	54.0	6.18	AV	262.00	100	Horizontal	Pass
3	5469.100	65.04	2.97	68.2	3.16	Peak	316.00	100	Horizontal	Pass
3**	5469.100	48.65	2.97	--	--	AV	316.00	100	Horizontal	N/A
4	5469.950	59.51	2.87	68.2	8.69	Peak	356.00	150	Horizontal	Pass
4**	5469.950	49.05	2.87	--	--	AV	356.00	150	Horizontal	N/A

U-NII-2C 11a High Channel



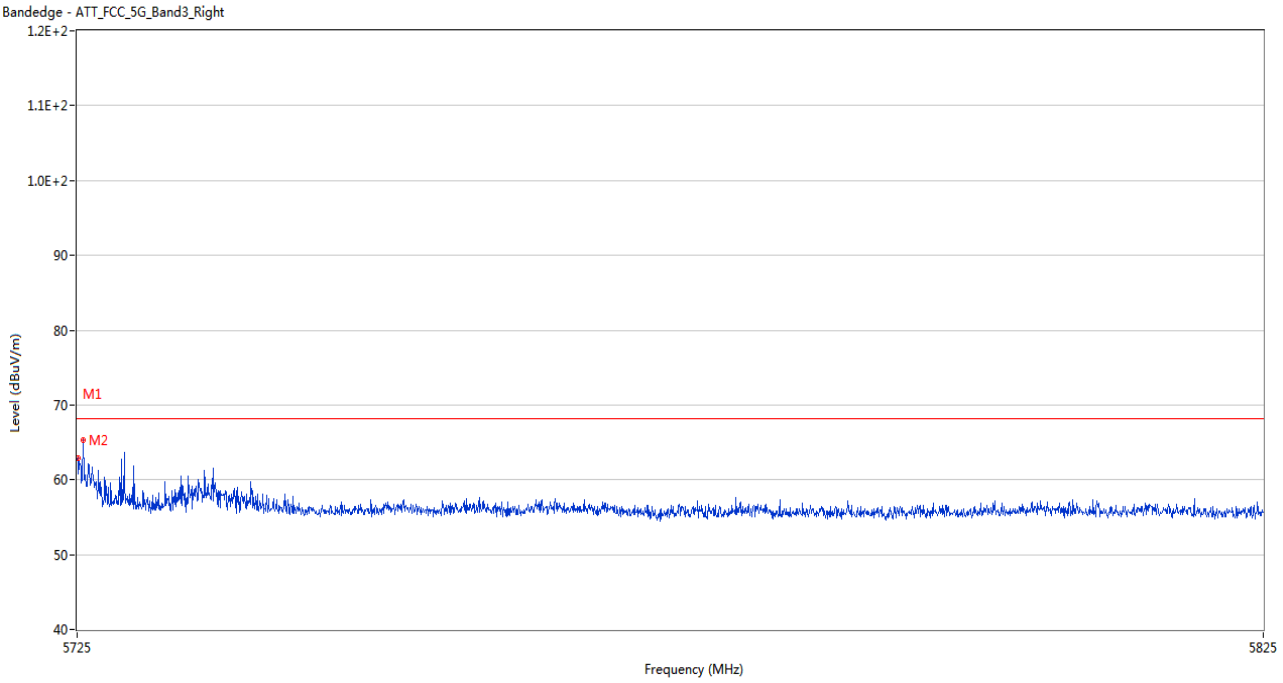
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.78	2.55	68.2	8.42	Peak	72.00	200	Horizontal	Pass
2	5726.450	65.19	2.52	68.2	3.01	Peak	360.00	150	Horizontal	Pass

U-NII-2C 11n20 Low Channel



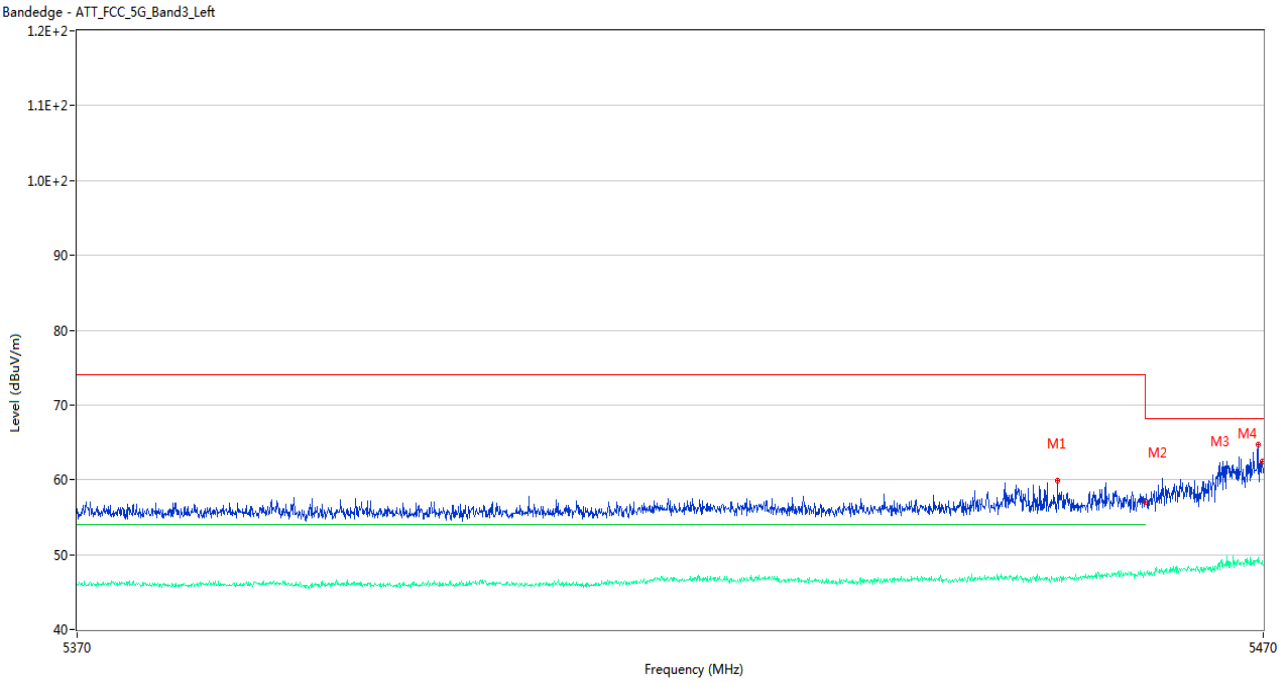
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.050	59.95	2.47	74.0	14.05	Peak	60.00	150	Horizontal	Pass
1**	5458.050	47.56	2.47	54.0	6.44	AV	60.00	150	Horizontal	Pass
2	5460.000	56.30	2.50	74.0	17.70	Peak	77.00	200	Horizontal	Pass
2**	5460.000	47.77	2.50	54.0	6.23	AV	77.00	200	Horizontal	Pass
3	5468.700	65.01	3.03	68.2	3.19	Peak	77.00	150	Horizontal	Pass
3**	5468.700	49.13	3.03	--	--	AV	77.00	150	Horizontal	N/A
4	5469.950	60.91	2.87	68.2	7.29	Peak	322.00	150	Horizontal	Pass
4**	5469.950	48.11	2.87	--	--	AV	322.00	150	Horizontal	N/A

U-NII-2C 11n20 High Channel



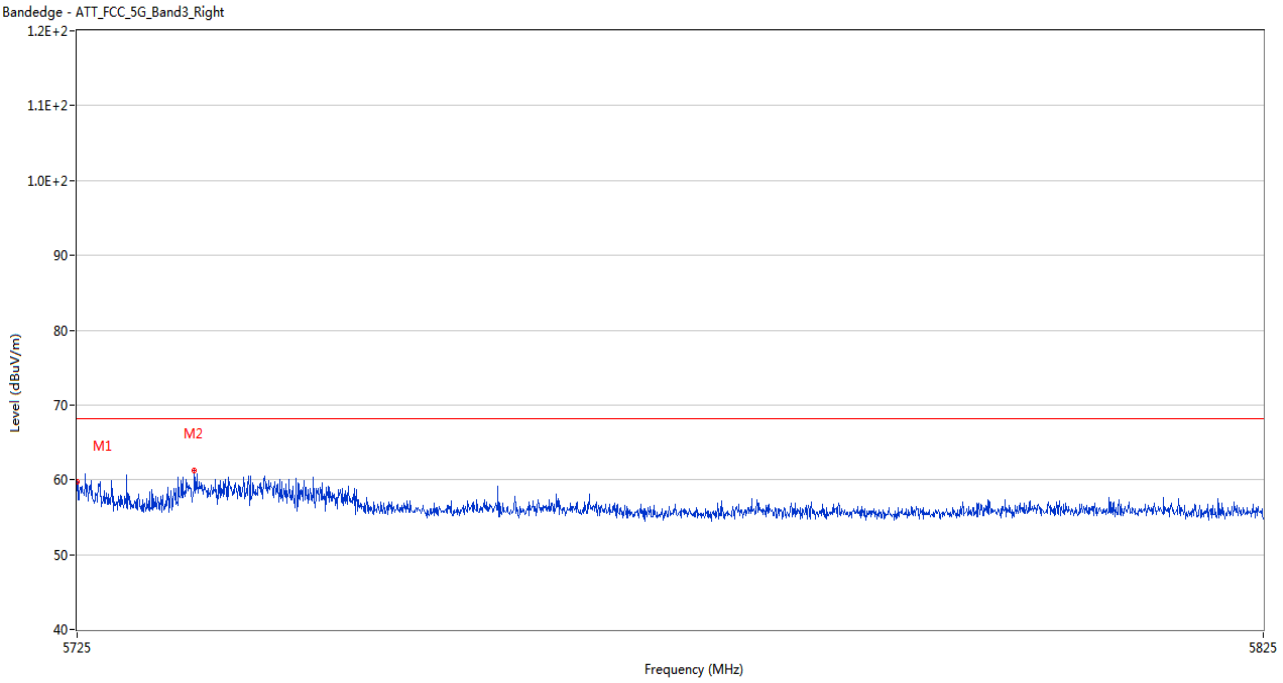
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	62.85	2.55	68.2	5.35	Peak	321.00	100	Horizontal	Pass
2	5725.500	65.17	2.54	68.2	3.03	Peak	279.00	200	Horizontal	Pass

U-NII-2C 11n40 Low Channel



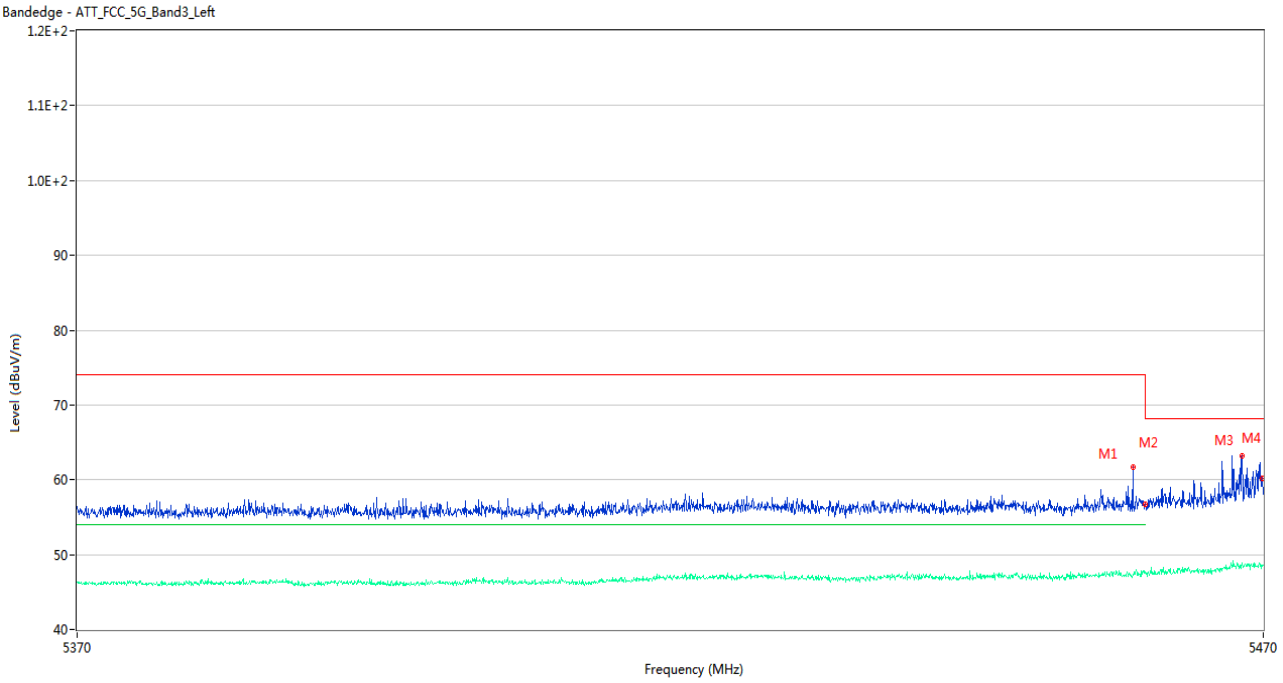
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5452.550	59.89	2.14	74.0	14.11	Peak	307.00	150	Horizontal	Pass
1**	5452.550	46.79	2.14	54.0	7.21	AV	307.00	150	Horizontal	Pass
2	5460.000	56.96	2.50	74.0	17.04	Peak	47.00	200	Horizontal	Pass
2**	5460.000	47.39	2.50	54.0	6.61	AV	47.00	200	Horizontal	Pass
3	5469.600	64.74	2.91	68.2	3.46	Peak	58.00	150	Horizontal	Pass
3**	5469.600	49.71	2.91	--	--	AV	58.00	150	Horizontal	N/A
4	5469.950	62.45	2.87	68.2	5.75	Peak	58.00	100	Horizontal	Pass
4**	5469.950	48.95	2.87	--	--	AV	58.00	100	Horizontal	N/A

U-NII-2C 11n40 High Channel



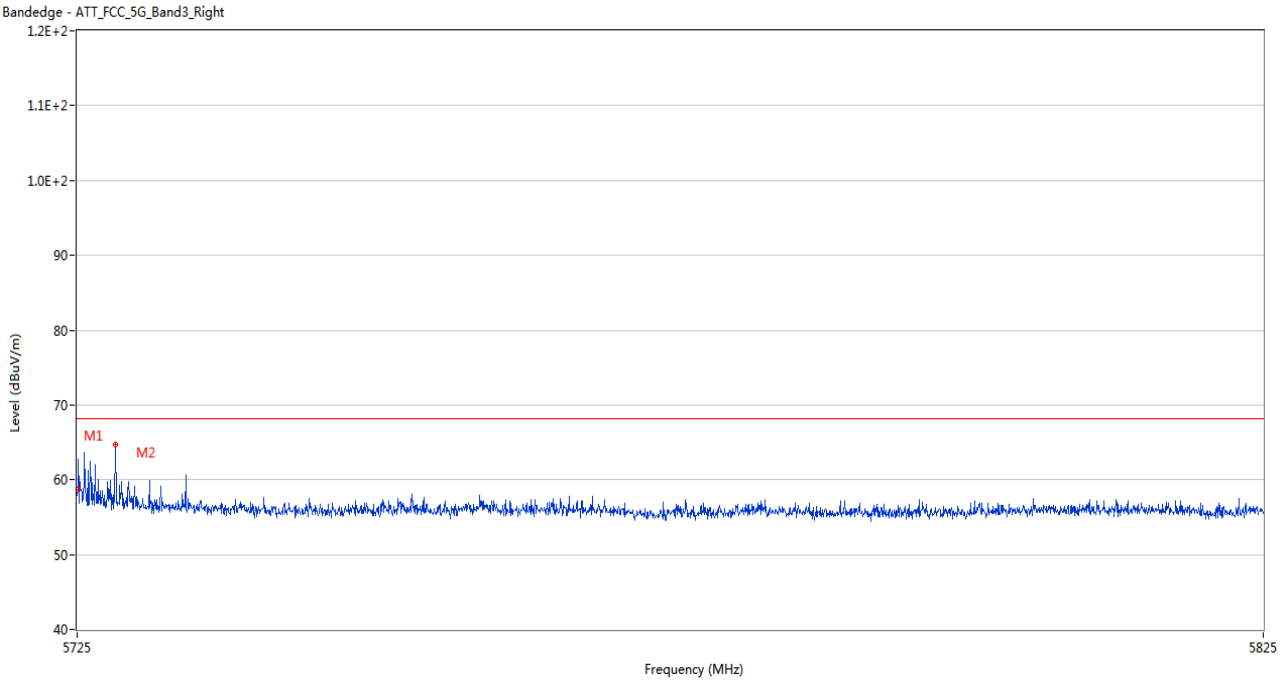
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.78	2.55	68.2	8.42	Peak	360.00	200	Horizontal	Pass
2	5734.800	61.26	2.25	68.2	6.94	Peak	54.00	100	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



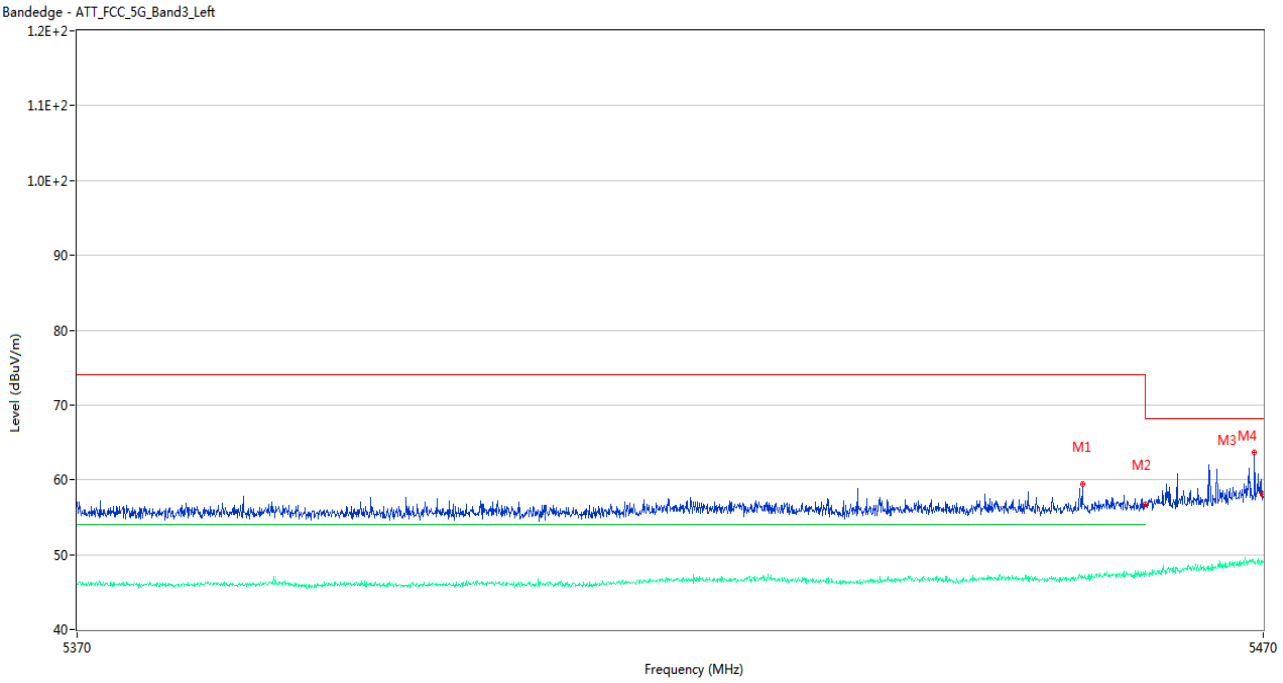
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.900	61.68	2.42	74.0	12.32	Peak	56.00	100	Horizontal	Pass
1**	5458.900	47.27	2.42	54.0	6.73	AV	56.00	100	Horizontal	Pass
2	5460.000	56.76	2.50	74.0	17.24	Peak	60.00	200	Horizontal	Pass
2**	5460.000	47.62	2.50	54.0	6.38	AV	60.00	200	Horizontal	Pass
3	5468.200	63.23	3.10	68.2	4.97	Peak	360.00	200	Horizontal	Pass
3**	5468.200	48.89	3.10	--	--	AV	360.00	200	Horizontal	N/A
4	5469.950	60.12	2.87	68.2	8.08	Peak	329.00	200	Horizontal	Pass
4**	5469.950	48.39	2.87	--	--	AV	329.00	200	Horizontal	N/A

U-NII-2C 11ac20 High Channel



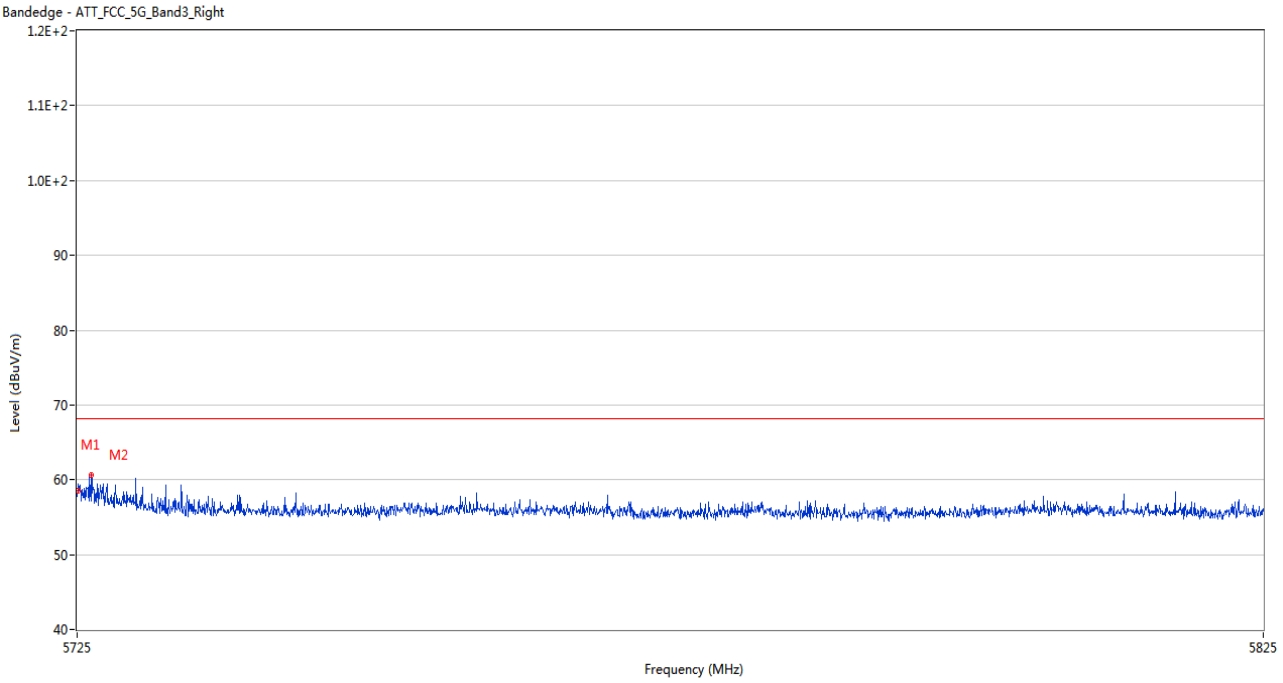
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	58.65	2.55	68.2	9.55	Peak	0.00	150	Horizontal	Pass
2	5728.200	64.64	2.59	68.2	3.56	Peak	264.00	150	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



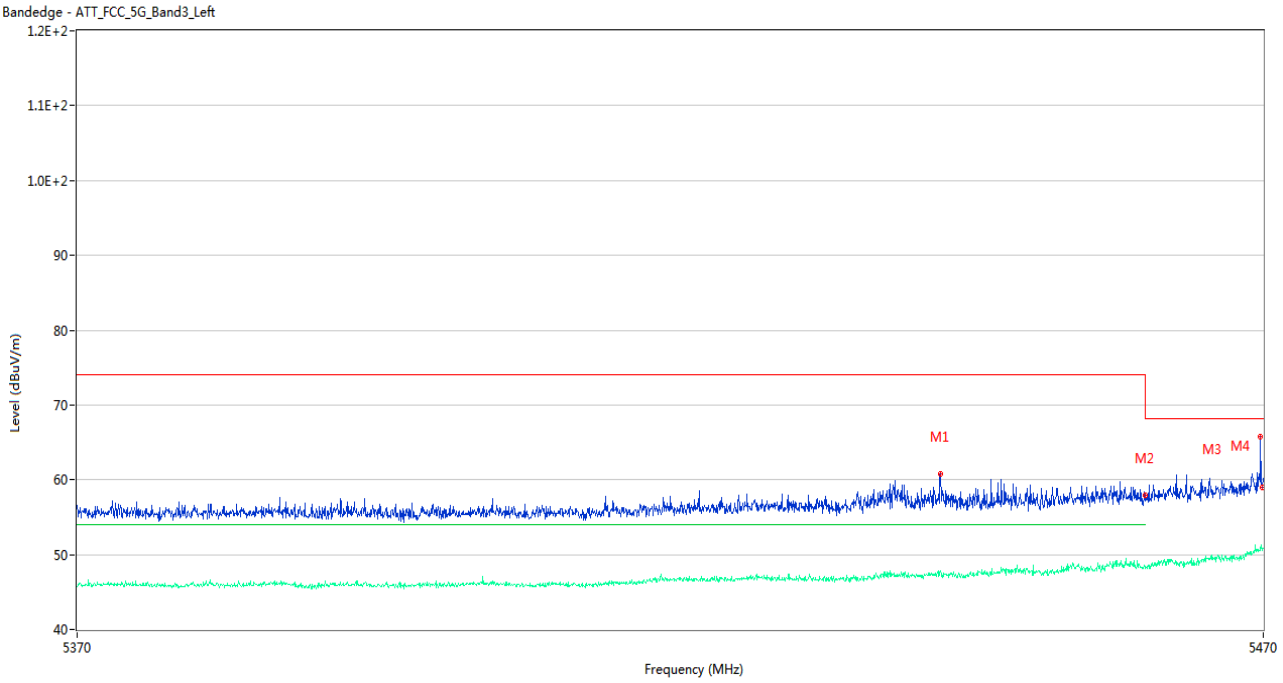
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5454.650	59.43	2.26	74.0	14.57	Peak	312.00	100	Horizontal	Pass
1**	5454.650	47.05	2.26	54.0	6.95	AV	312.00	100	Horizontal	Pass
2	5460.000	56.66	2.50	74.0	17.34	Peak	0.00	100	Horizontal	Pass
2**	5460.000	47.89	2.50	54.0	6.11	AV	0.00	100	Horizontal	Pass
3	5469.250	63.63	2.95	68.2	4.57	Peak	307.00	150	Horizontal	Pass
3**	5469.250	48.84	2.95	--	--	AV	307.00	150	Horizontal	N/A
4	5469.950	58.05	2.87	68.2	10.15	Peak	68.00	200	Horizontal	Pass
4**	5469.950	49.22	2.87	--	--	AV	68.00	200	Horizontal	N/A

U-NII-2C 11ac40 High Channel



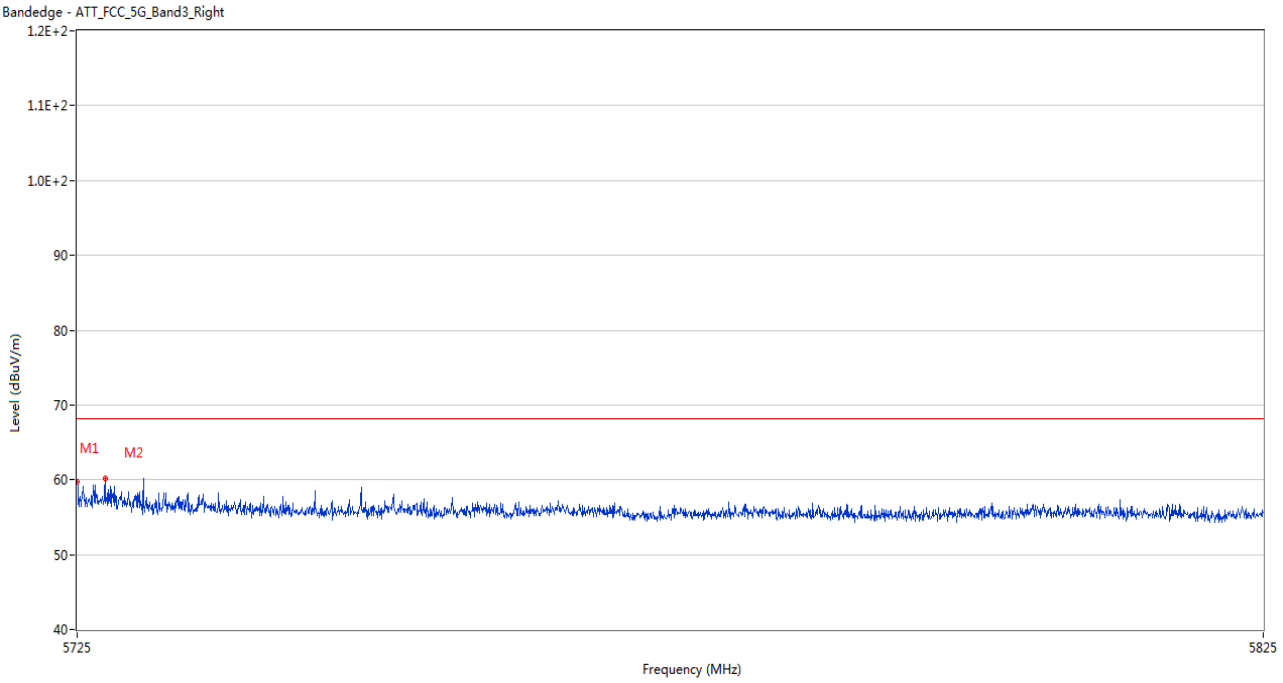
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	58.59	2.55	68.2	9.61	Peak	304.00	150	Horizontal	Pass
2	5726.200	60.66	2.53	68.2	7.54	Peak	316.00	200	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



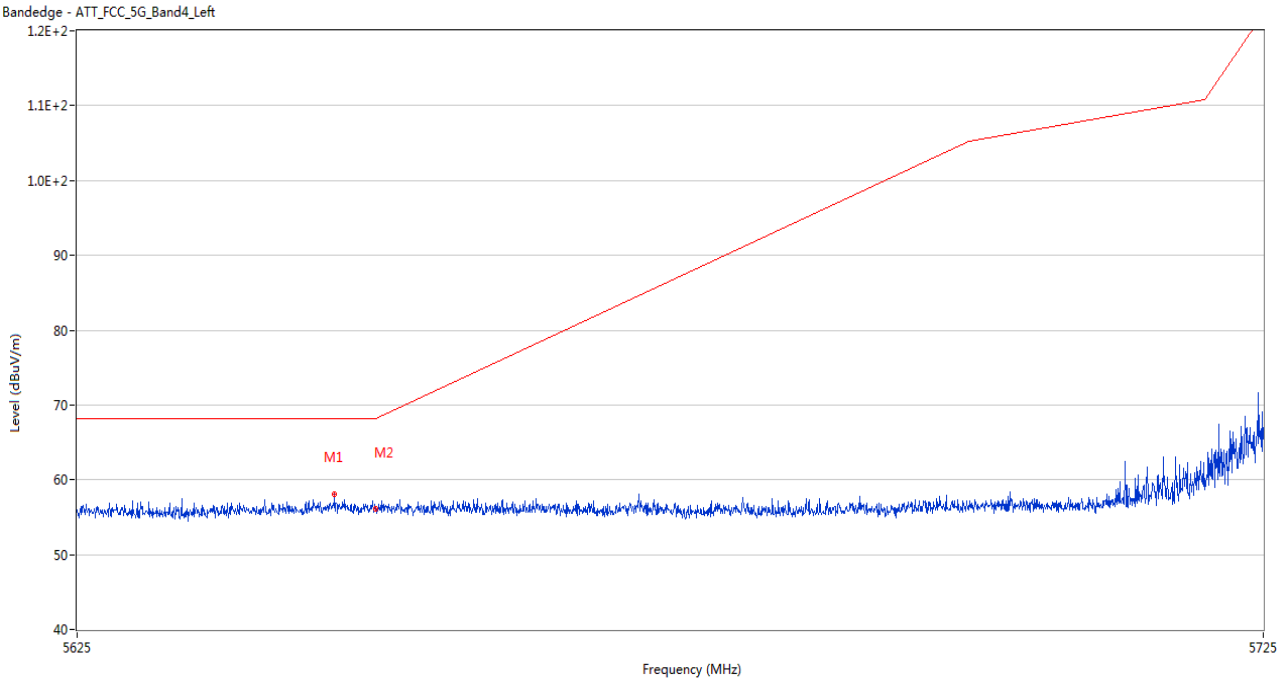
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5442.600	60.79	2.25	74.0	13.21	Peak	72.00	100	Horizontal	Pass
1**	5442.600	47.77	2.25	54.0	6.23	AV	72.00	100	Horizontal	Pass
2	5460.000	57.88	2.50	74.0	16.12	Peak	320.00	200	Horizontal	Pass
2**	5460.000	48.46	2.50	54.0	5.54	AV	320.00	200	Horizontal	Pass
3	5469.750	65.19	2.88	68.2	3.01	Peak	72.00	150	Horizontal	Pass
3**	5469.750	50.85	2.88	--	--	AV	72.00	150	Horizontal	N/A
4	5469.950	58.97	2.87	68.2	9.23	Peak	60.00	100	Horizontal	Pass
4**	5469.950	50.81	2.87	--	--	AV	60.00	100	Horizontal	N/A

U-NII-2C 11ac80 High Channel



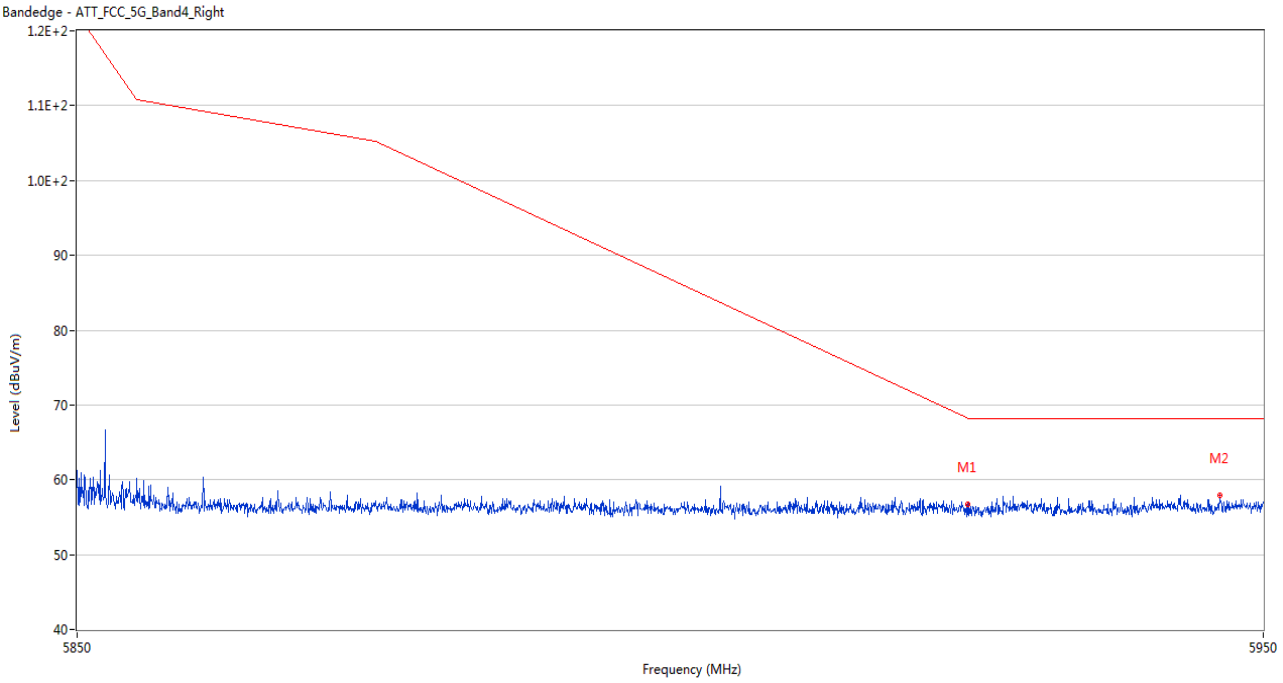
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.70	2.55	68.2	8.50	Peak	316.00	200	Horizontal	Pass
2	5727.350	60.23	2.54	68.2	7.97	Peak	273.00	150	Horizontal	Pass

U-NII-3 11a Low Channel



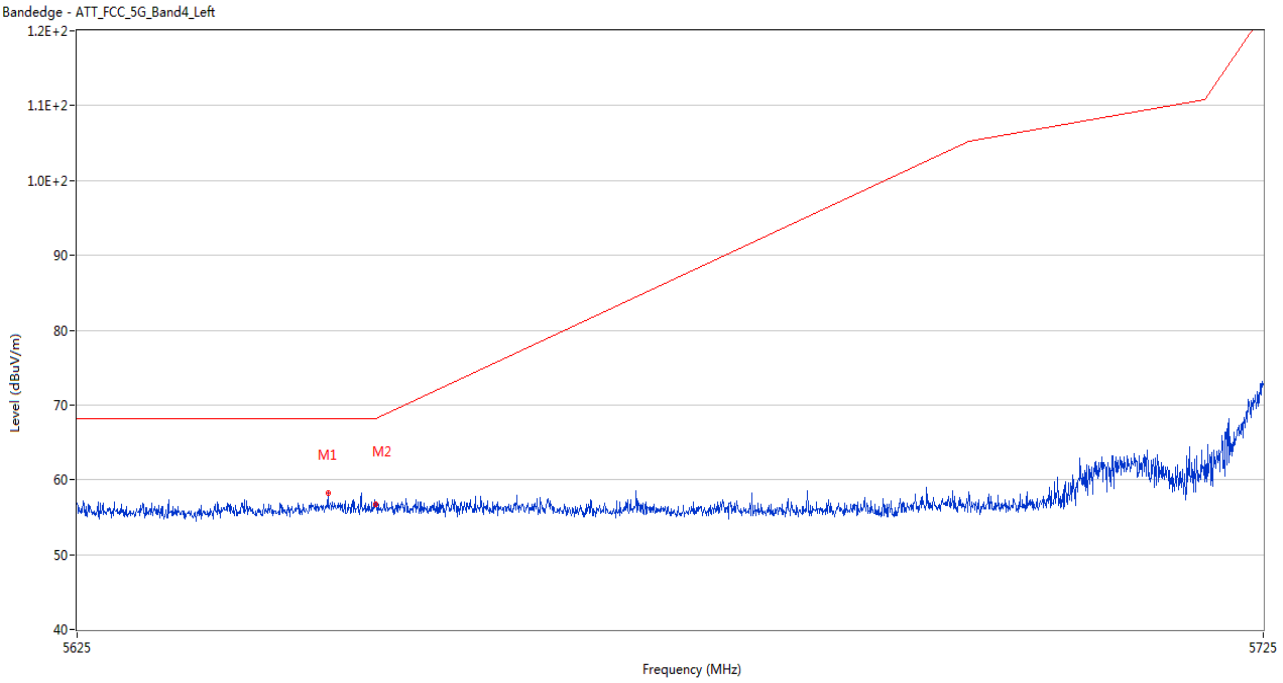
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.550	58.11	2.69	68.2	10.09	Peak	308.00	200	Horizontal	Pass
2	5650.000	56.19	2.54	68.2	12.01	Peak	283.00	150	Horizontal	Pass

U-NII-3 11a High Channel



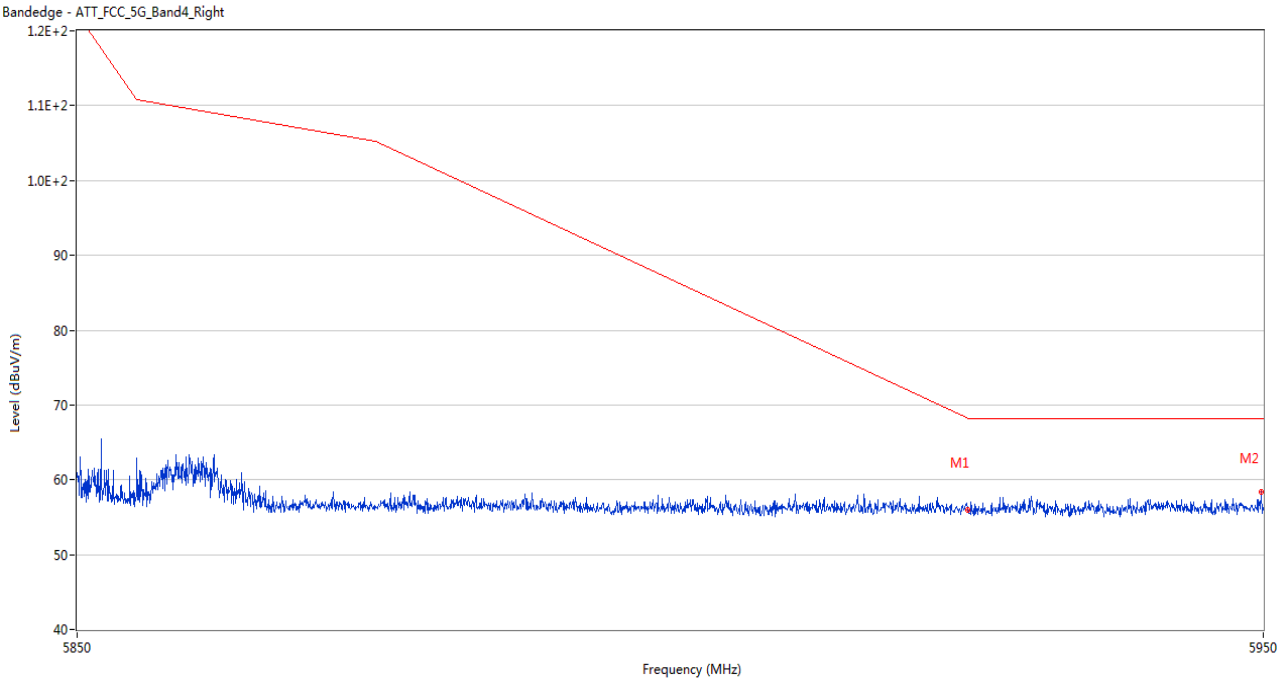
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.66	2.32	68.2	11.54	Peak	164.00	150	Horizontal	Pass
2	5946.300	57.96	2.36	68.2	10.24	Peak	360.00	100	Horizontal	Pass

U-NII-3 11n20 Low Channel



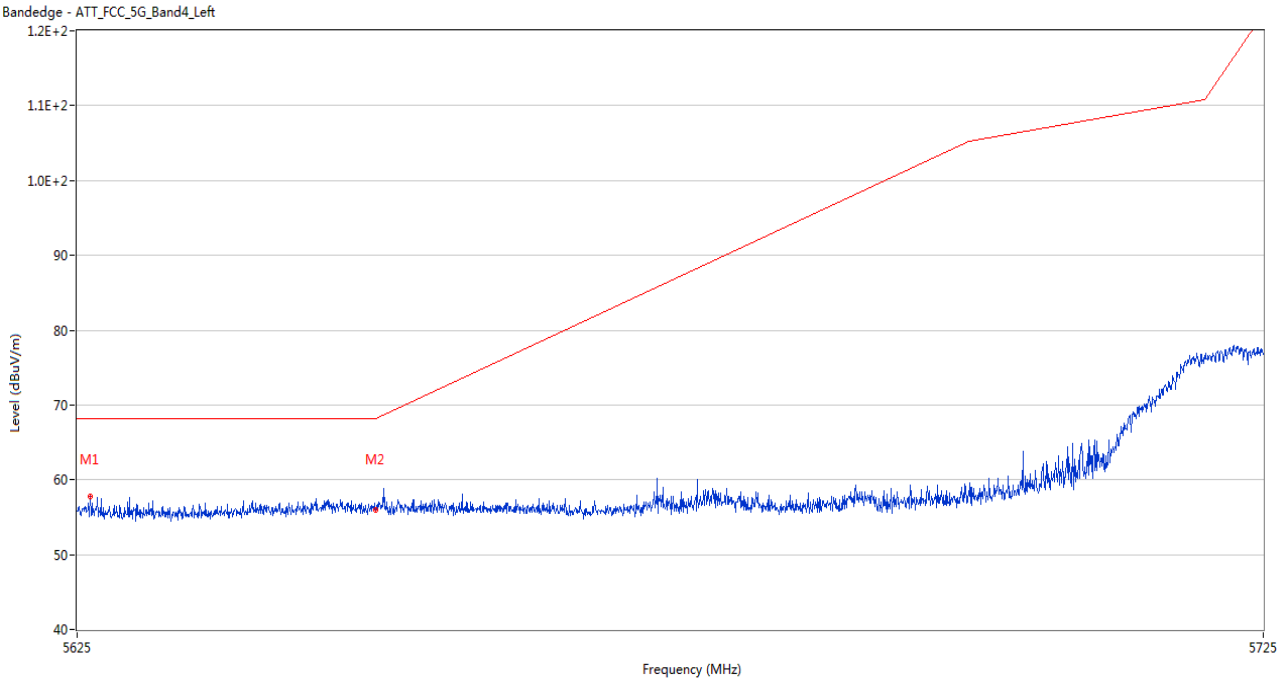
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.000	58.29	2.69	68.2	9.91	Peak	66.00	150	Horizontal	Pass
2	5650.000	56.71	2.54	68.2	11.49	Peak	239.00	100	Horizontal	Pass

U-NII-3 11n20 High Channel



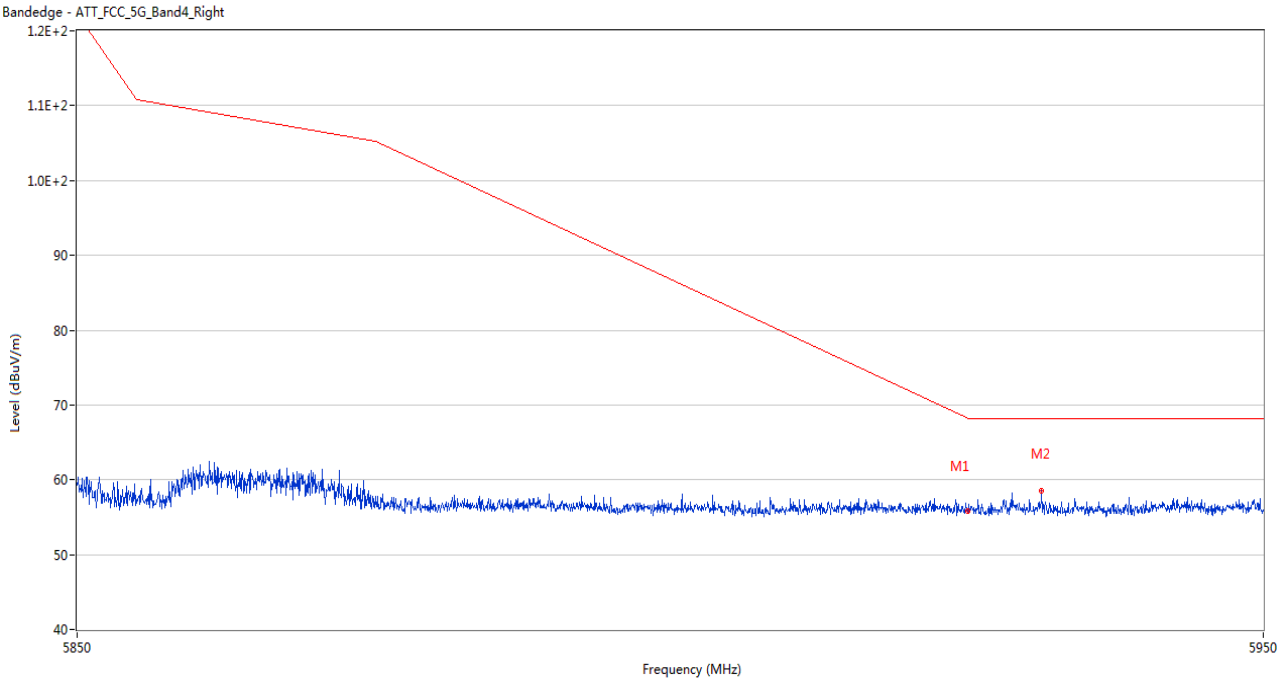
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.04	2.32	68.2	12.16	Peak	27.00	100	Horizontal	Pass
2	5949.800	58.35	2.53	68.2	9.85	Peak	122.00	150	Horizontal	Pass

U-NII-3 11n40 Low Channel



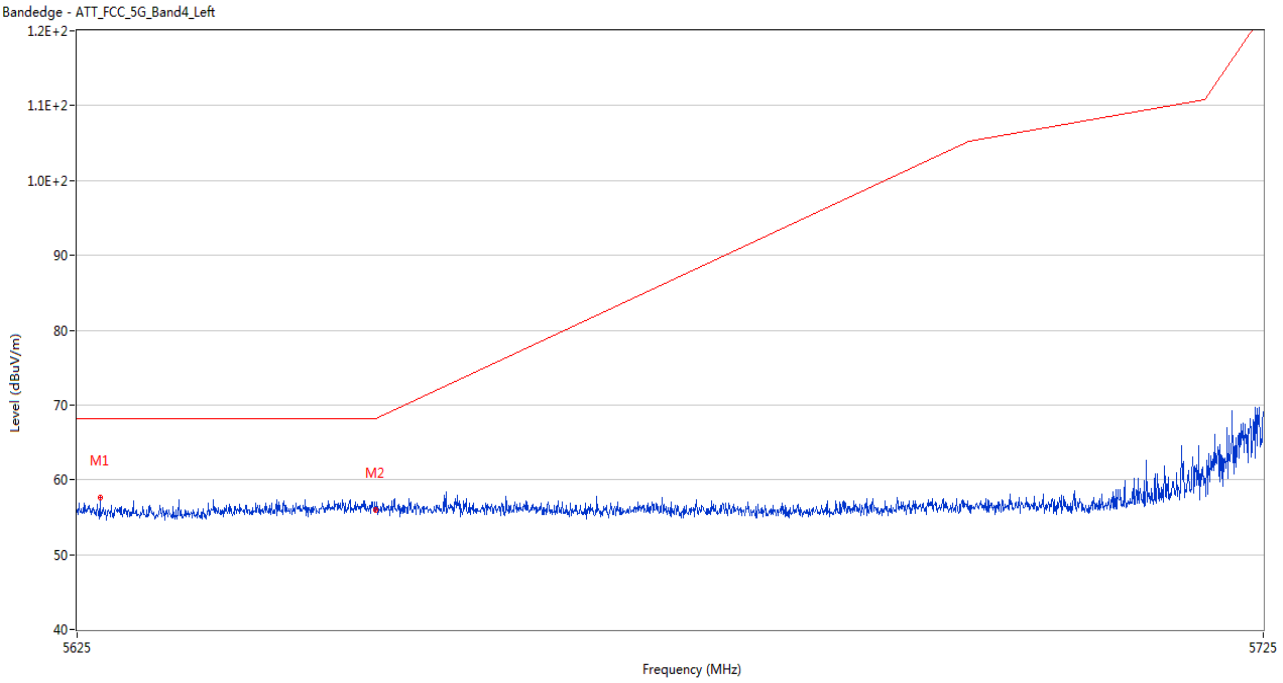
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5626.100	57.77	2.34	68.2	10.43	Peak	26.00	200	Horizontal	Pass
2	5650.000	55.97	2.54	68.2	12.23	Peak	58.00	100	Horizontal	Pass

U-NII-3 11n40 High Channel



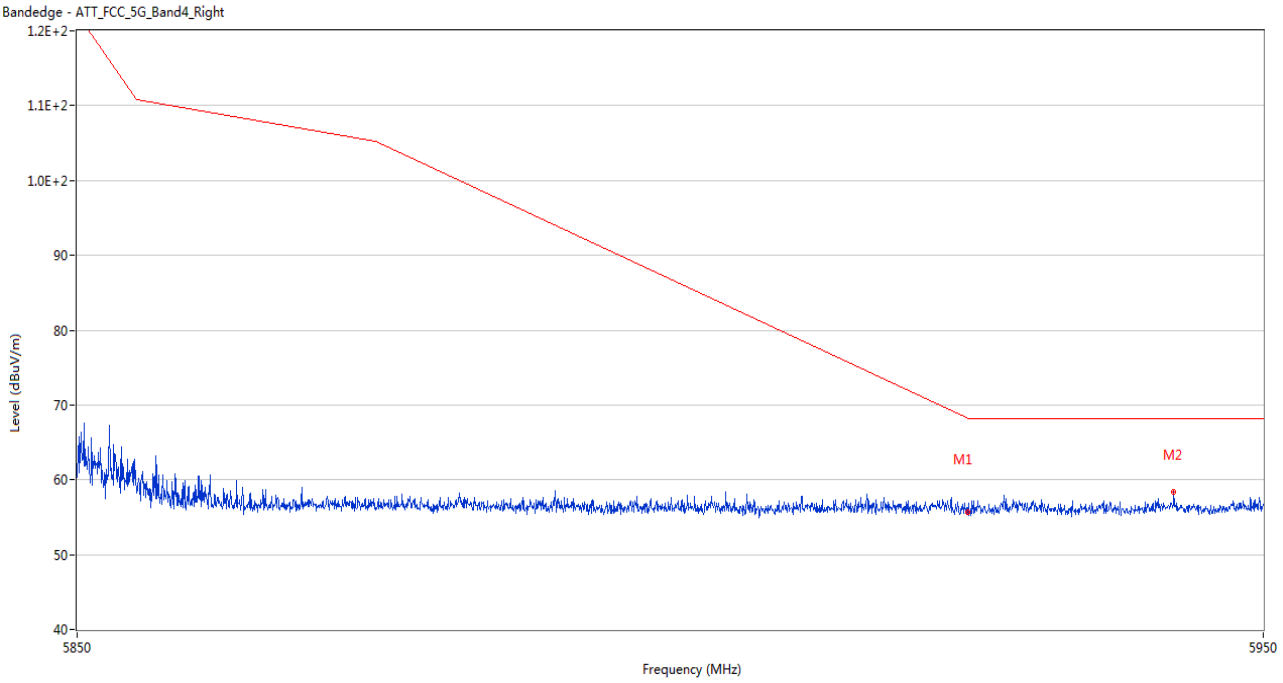
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.85	2.32	68.2	12.35	Peak	252.00	150	Horizontal	Pass
2	5931.200	58.54	2.50	68.2	9.66	Peak	15.00	100	Horizontal	Pass

U-NII-3 11ac20 Low Channel



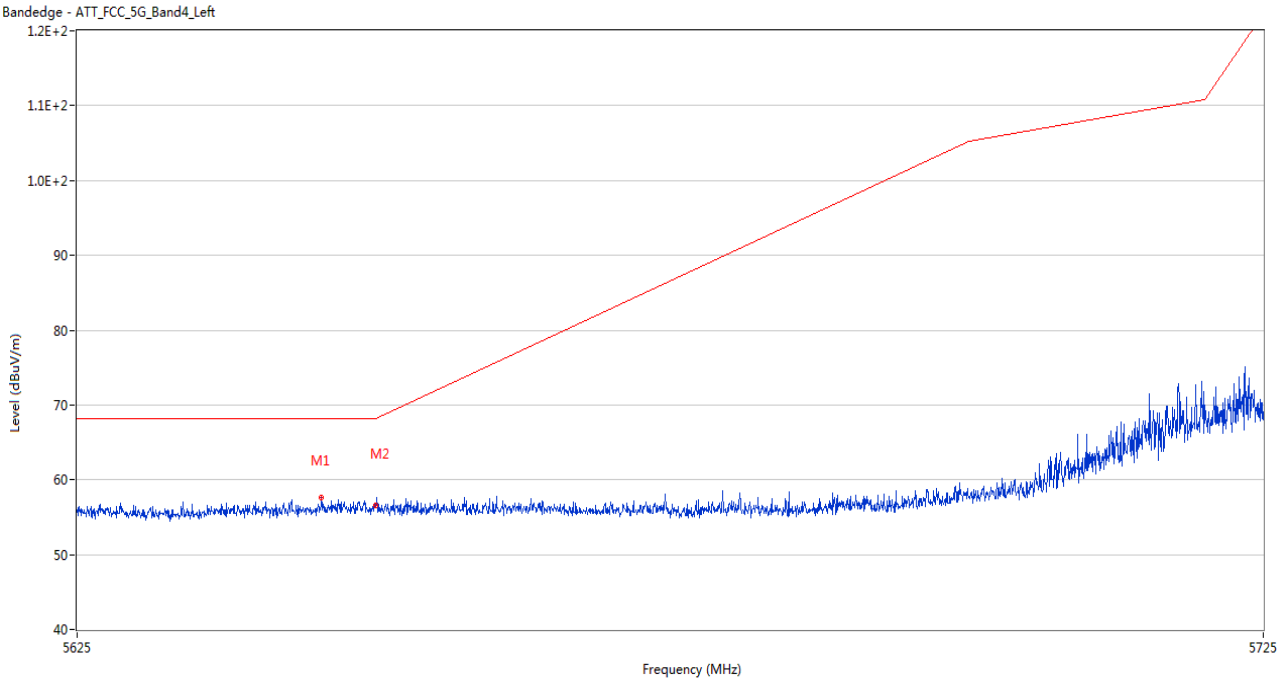
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5626.900	57.59	2.29	68.2	10.61	Peak	311.00	150	Horizontal	Pass
2	5650.000	55.93	2.54	68.2	12.27	Peak	346.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



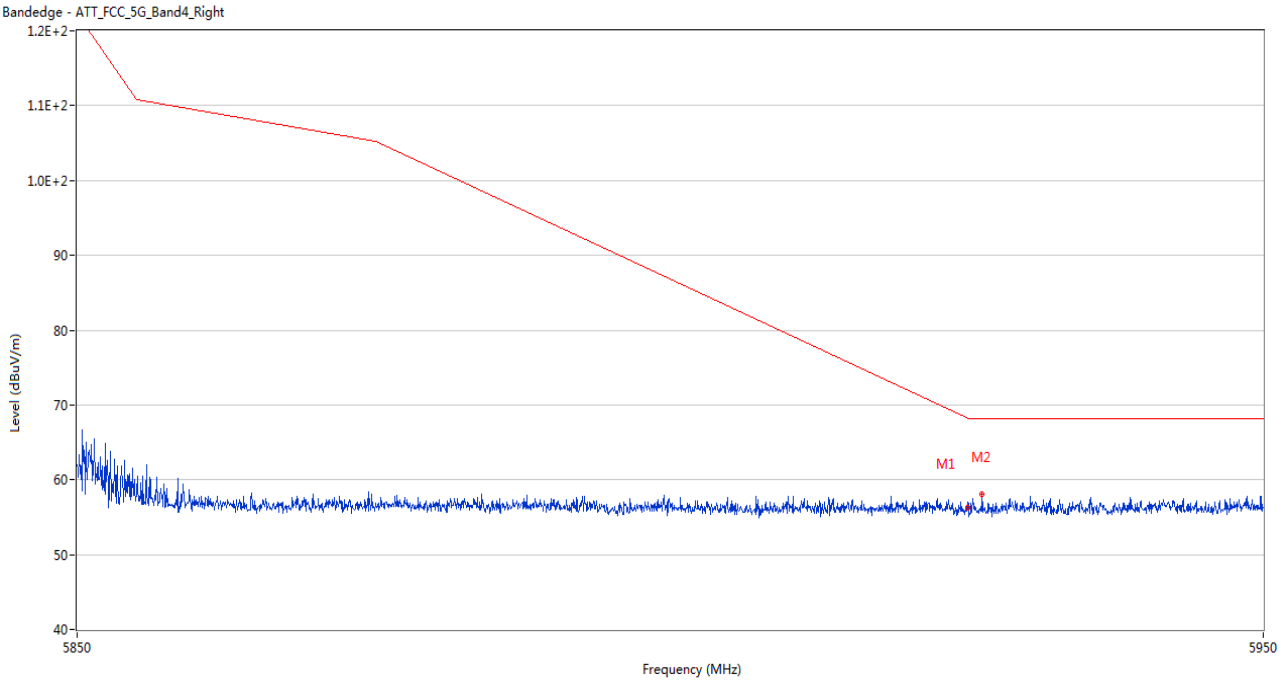
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.62	2.32	68.2	12.58	Peak	336.00	100	Horizontal	Pass
2	5942.400	58.41	2.73	68.2	9.79	Peak	54.00	100	Horizontal	Pass

U-NII-3 11ac40 Low Channel



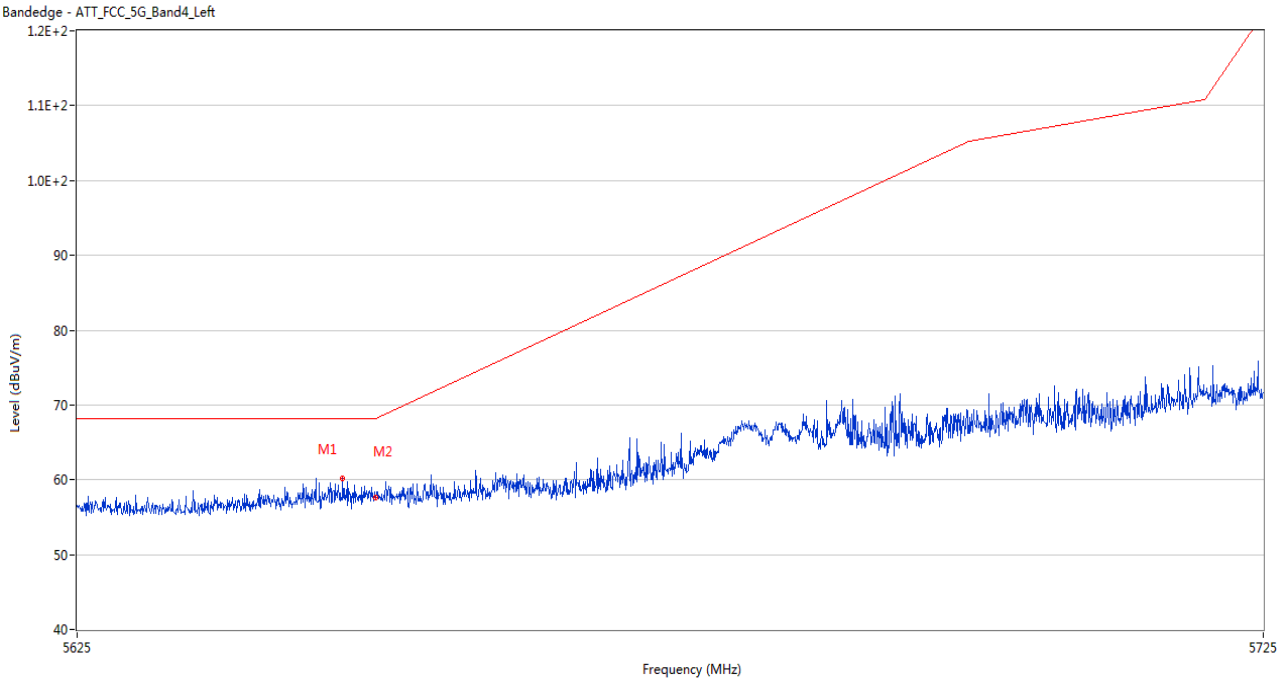
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.450	57.65	2.60	68.2	10.55	Peak	338.00	100	Horizontal	Pass
2	5650.000	56.54	2.54	68.2	11.66	Peak	316.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel



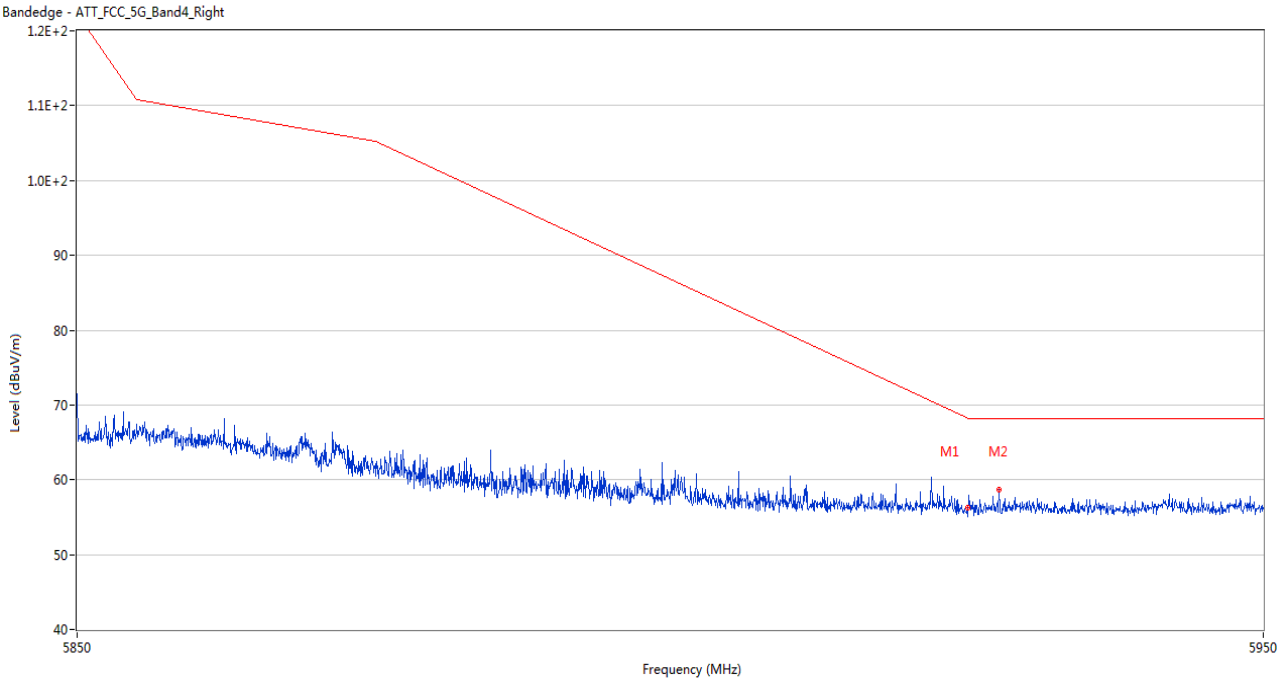
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.33	2.32	68.2	11.87	Peak	59.00	200	Horizontal	Pass
2	5926.150	58.11	2.33	68.2	10.09	Peak	169.00	200	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.250	60.21	2.62	68.2	7.99	Peak	65.00	200	Horizontal	Pass
2	5650.000	57.60	2.54	68.2	10.60	Peak	62.00	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	56.25	2.32	68.2	11.95	Peak	102.00	200	Horizontal	Pass
2	5927.600	58.75	2.49	68.2	9.45	Peak	283.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2450773-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2450773-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2450773-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--