TEST REPORT

Applicant:	E&S International Enterprises, Inc.
Address:	7801 Hayvenhurst Avenue, Van Nuys, California 91406, United States
Equipment Type:	14" Tablet
Model Name:	RATM3144BK-GRY (refer to section 2.3)
Brand Name:	RCA
FCC ID:	2AYPE-RATM3144B
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	Jun. 25, 2024
Test Date:	Jun. 30, 2024 - Jul. 06, 2024
Date of Issue:	Jul. 31, 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. 31, 2024	Initial Issue

TABLE OF CONTENTS

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	14" Tablet
Model Name Under Test	RATM3144BK-GRY
Series Model Name	16QF18B, RATM3144B-*****, RATM3144BF-*****, RATM3144BK-***** (The "*" in model name can be 0 to 9, A to Z, a to z, "-" or blank)
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in shell color and model name. (this information provided by the applicant)
Hardware Version	EM_T8122B_V1.0 L20
Software Version	Android 14
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3

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

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 24.27 mW U-NII-2A: 22.70 mW U-NII-2C: 23.50 mW U-NII-3: 24.32 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: -0.46 dBi U-NII-2A: 5250 MHz to 5350 MHz: 0 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.89 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.89 dBi
About the Product	The equipment is 14" 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.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass[Note1]
2	RF Output Power	15.407(a)	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	ANNEX A.4	Pass
6	Conducted Emission	15.207	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	ANNEX A.6	Pass

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

Note [2]: Under all normal operating conditions specified in the user manual, frequency stability can keep radiation within the operating frequency band.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	42% to 65%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.1℃ to +24.6℃
Working Voltage of the EUT	NV (Normal Voltage)	7.6 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2023.07.25	2024.07.24
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2023.09.05	2024.09.04
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2022.02.23	2025.02.22
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2024.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2024.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	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	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.

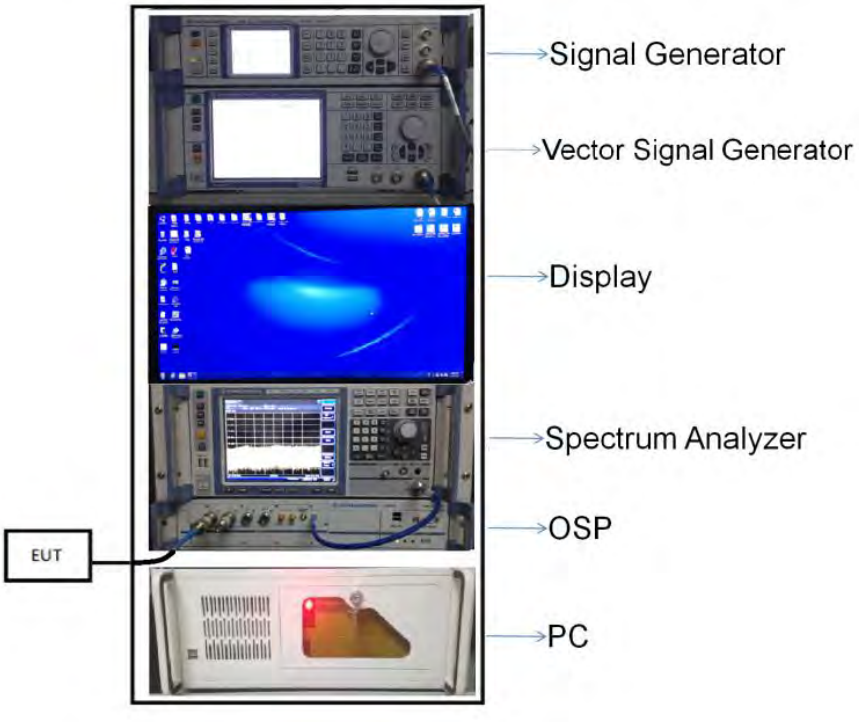
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8℃
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

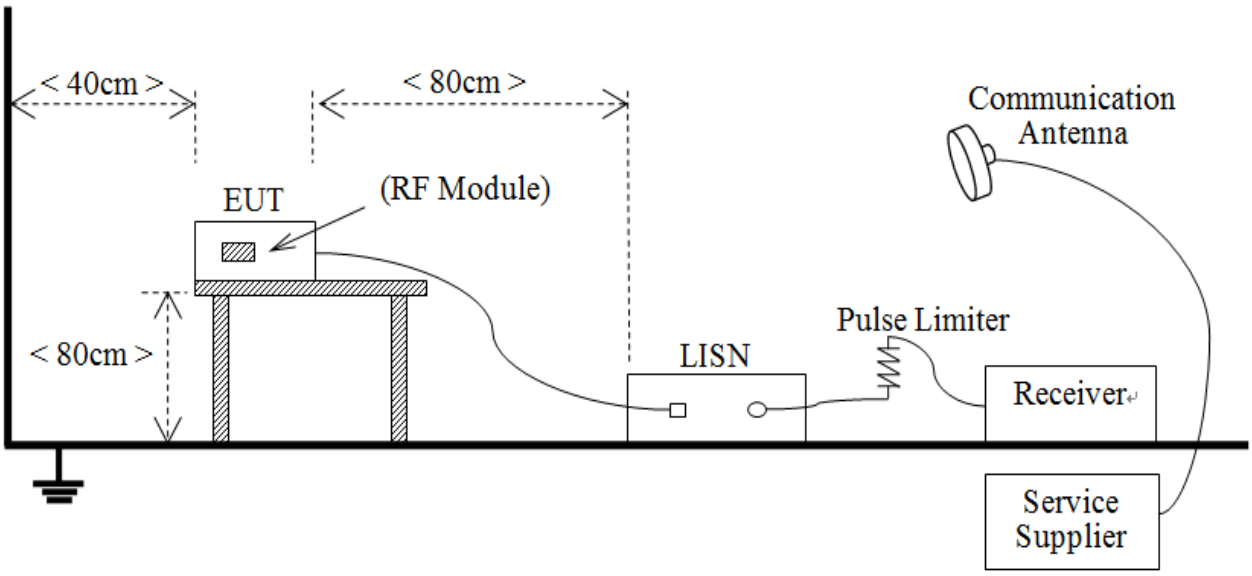
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

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



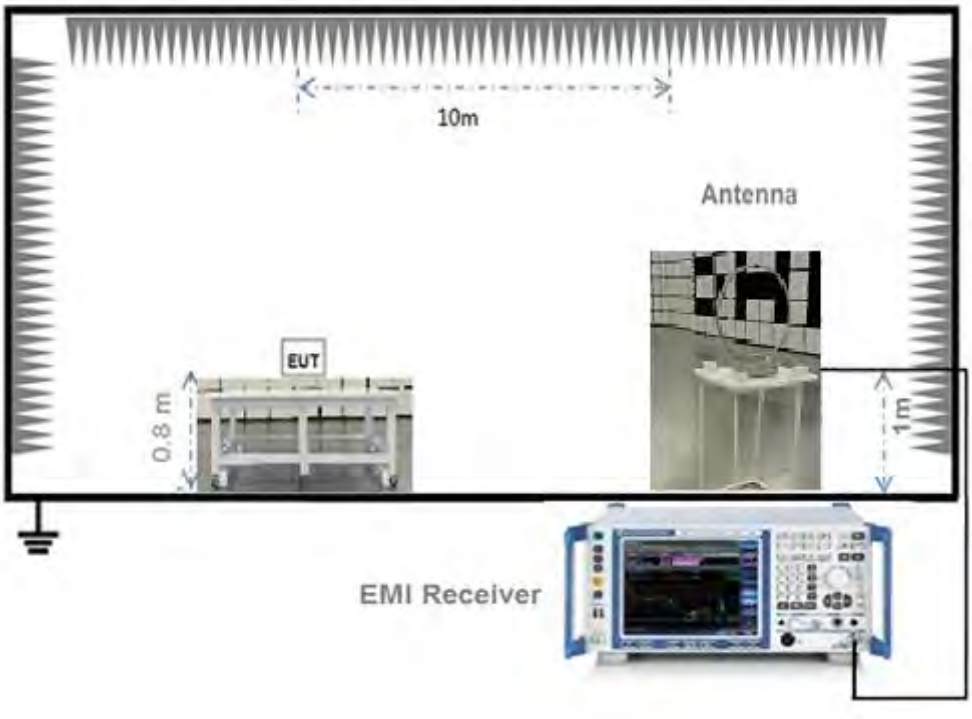
(Diagram 1)

4.5.2 For AC Power Supply Port Test



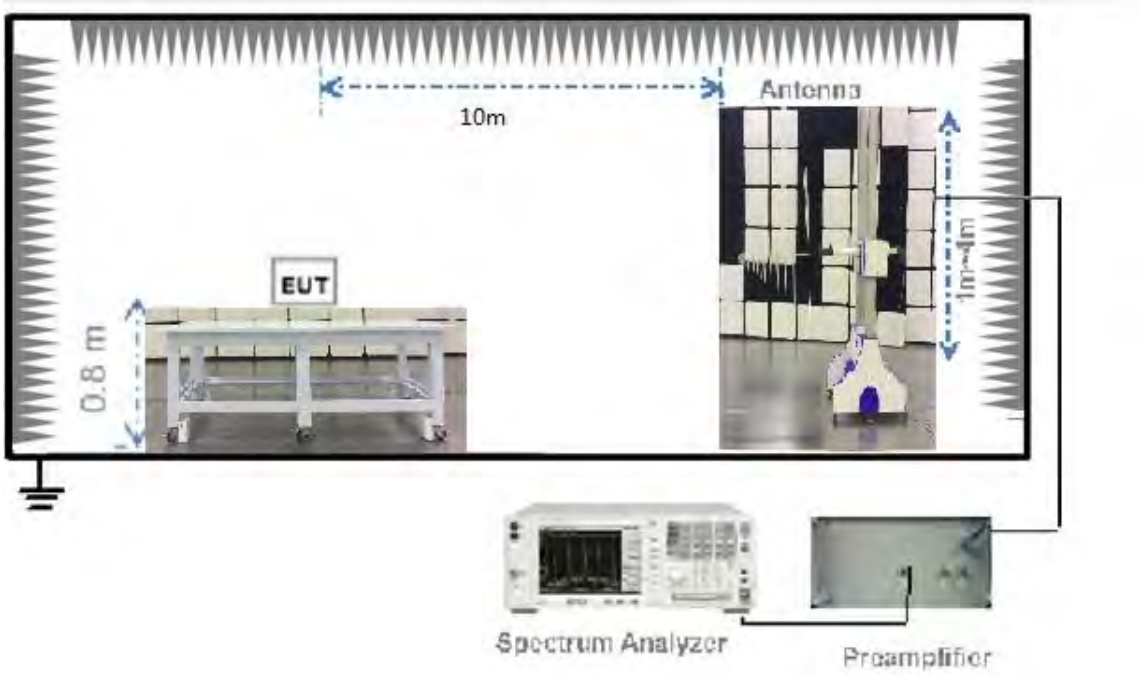
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



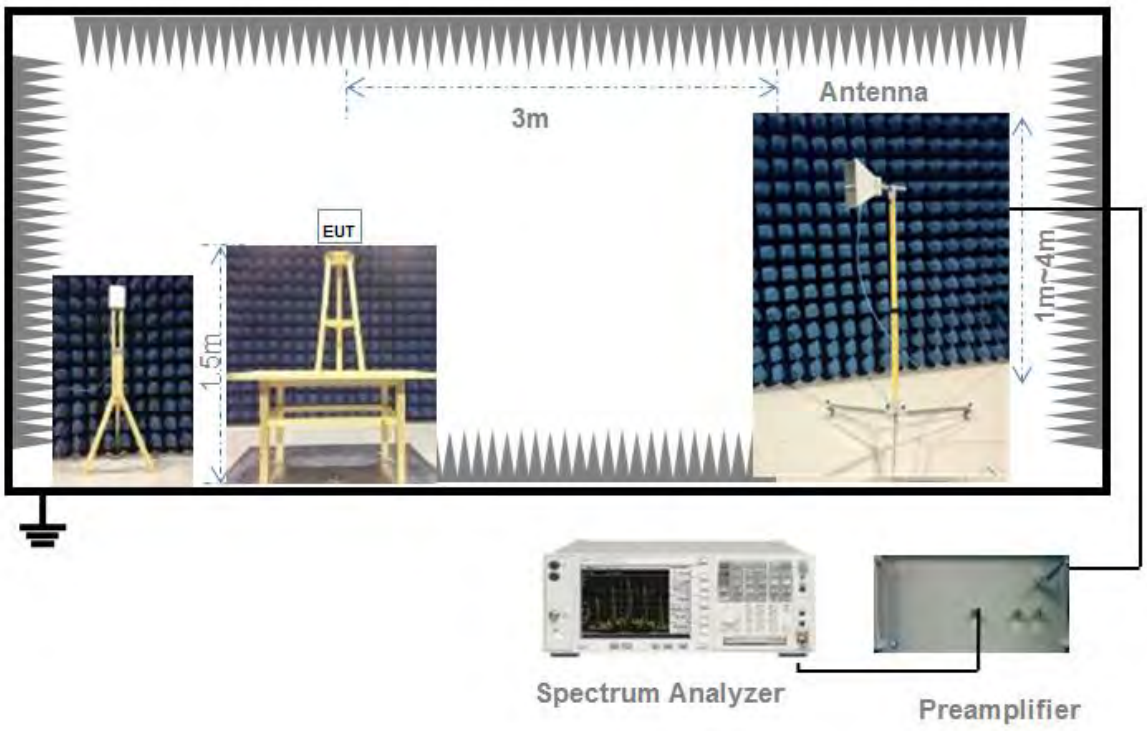
(Diagram 3)

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.

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

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

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

E = EIRP – 20log D + 104.8

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

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

Peak power measurement procedure

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

a) RBW = as specified in Table 1.

b) VBW ≥ 3 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

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

Table 1—RBW as a function of frequency

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

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

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

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

a) The EUT shall be configured to operate at the maximum achievable duty cycle.

b) Measure the duty cycle, x, of the transmitter output signal as described in section 6.0.

c) RBW = 1 MHz (unless otherwise specified).

d) VBW ≥ 3 x RBW.

e) Detector = RMS, if span/(# of points in sweep) ≤ (RBW/2). Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.

f) Averaging type = power (i.e., RMS).

1) As an alternative, the detector and averaging type may be set for linear voltage averaging.

2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.

g) Sweep time = auto.

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured
RBW = 1 MHz for f ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ RBW
Sweep = auto
Detector function = peak
Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note: 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	97.48%	0.11
11n (HT20)/11ac (VHT20)	1.31	1.35	97.11%	0.13
11n (HT40)/11ac (VHT40)	0.65	0.68	94.84%	0.23
11ac (VHT80)	0.32	0.36	89.83%	0.47

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.50	22.39	250	Pass
11a	CH44	13.61	22.96	250	Pass
11a	CH48	13.75	23.71	250	Pass
11n (HT20)	CH36	13.81	24.04	250	Pass
11n (HT20)	CH44	13.79	23.93	250	Pass
11n (HT20)	CH48	13.61	22.96	250	Pass
11n (HT40)	CH38	13.80	23.99	250	Pass
11n (HT40)	CH46	13.62	23.01	250	Pass
11ac (VHT20)	CH36	13.85	24.27	250	Pass
11ac (VHT20)	CH44	13.68	23.33	250	Pass
11ac (VHT20)	CH48	13.65	23.17	250	Pass
11ac (VHT40)	CH38	13.79	23.93	250	Pass
11ac (VHT40)	CH46	13.63	23.07	250	Pass
11ac (VHT80)	CH42	11.66	14.66	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	12.24	16.75	250	Pass
11a	CH60	11.22	13.24	250	Pass
11a	CH64	12.23	16.71	250	Pass
11n (HT20)	CH52	13.53	22.54	250	Pass
11n (HT20)	CH60	11.59	14.42	250	Pass
11n (HT20)	CH64	13.51	22.44	250	Pass
11n (HT40)	CH54	13.49	22.34	250	Pass
11n (HT40)	CH62	13.38	21.78	250	Pass
11ac (VHT20)	CH52	13.44	22.08	250	Pass
11ac (VHT20)	CH60	11.55	14.29	250	Pass
11ac (VHT20)	CH64	12.49	17.74	250	Pass
11ac (VHT40)	CH54	13.50	22.39	250	Pass
11ac (VHT40)	CH62	13.54	22.59	250	Pass
11ac (VHT80)	CH58	13.56	22.70	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.44	22.08	250	Pass
11a	CH116	13.32	21.48	250	Pass
11a	CH140	13.55	22.65	250	Pass
11n (HT20)	CH100	13.67	23.28	250	Pass
11n (HT20)	CH116	13.56	22.70	250	Pass
11n (HT20)	CH140	13.41	21.93	250	Pass
11n (HT40)	CH102	12.92	19.59	250	Pass
11n (HT40)	CH118	13.55	22.65	250	Pass
11n (HT40)	CH134	13.62	23.01	250	Pass
11ac (VHT20)	CH100	13.65	23.17	250	Pass
11ac (VHT20)	CH116	13.71	23.50	250	Pass
11ac (VHT20)	CH140	13.46	22.18	250	Pass
11ac (VHT40)	CH102	12.47	17.66	250	Pass
11ac (VHT40)	CH118	13.66	23.23	250	Pass
11ac (VHT40)	CH134	13.58	22.80	250	Pass
11ac (VHT80)	CH106	12.18	16.52	250	Pass
11ac (VHT80)	CH122	13.26	21.18	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.25	21.13	1000	Pass
11a	CH157	13.57	22.75	1000	Pass
11a	CH165	13.86	24.32	1000	Pass
11n (HT20)	CH149	13.43	22.03	1000	Pass
11n (HT20)	CH157	13.56	22.70	1000	Pass
11n (HT20)	CH165	13.79	23.93	1000	Pass
11n (HT40)	CH151	13.54	22.59	1000	Pass
11n (HT40)	CH159	13.68	23.33	1000	Pass
11ac (VHT20)	CH149	13.33	21.53	1000	Pass
11ac (VHT20)	CH157	13.56	22.70	1000	Pass
11ac (VHT20)	CH165	13.81	24.04	1000	Pass
11ac (VHT40)	CH151	13.43	22.03	1000	Pass
11ac (VHT40)	CH159	13.56	22.70	1000	Pass
11ac (VHT80)	CH155	13.63	23.07	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2461166-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.13	16.51
11a	CH44	20.02	16.50
11a	CH48	20.14	16.52
11n (HT20)	CH36	20.40	17.61
11n (HT20)	CH44	20.37	17.63
11n (HT20)	CH48	20.32	17.63
11n (HT40)	CH38	40.68	36.15
11n (HT40)	CH46	40.69	36.14
11ac (VHT20)	CH36	20.32	17.58
11ac (VHT20)	CH44	20.44	17.61
11ac (VHT20)	CH48	20.43	17.60
11ac (VHT40)	CH38	40.71	36.04
11ac (VHT40)	CH46	40.70	36.05
11ac (VHT80)	CH42	81.16	75.28

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.15	16.51
11a	CH60	20.07	16.51
11a	CH64	20.08	16.52
11n (HT20)	CH52	20.42	17.65
11n (HT20)	CH60	20.40	17.60
11n (HT20)	CH64	20.36	17.63
11n (HT40)	CH54	40.69	36.16
11n (HT40)	CH62	40.73	36.17
11ac (VHT20)	CH52	20.38	17.61
11ac (VHT20)	CH60	20.37	17.58
11ac (VHT20)	CH64	20.37	17.60
11ac (VHT40)	CH54	40.66	36.02
11ac (VHT40)	CH62	40.82	36.04
11ac (VHT80)	CH58	100.90	75.35

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.02	16.52
11a	CH116	20.12	16.53
11a	CH140	20.09	16.50
11n (HT20)	CH100	20.46	17.67
11n (HT20)	CH116	20.39	17.63
11n (HT20)	CH140	20.47	17.64
11n (HT40)	CH102	40.71	36.11
11n (HT40)	CH118	40.79	36.16
11n (HT40)	CH134	40.54	36.13
11ac (VHT20)	CH100	20.34	17.59
11ac (VHT20)	CH116	20.42	17.59
11ac (VHT20)	CH140	20.39	17.59
11ac (VHT40)	CH102	40.79	36.04
11ac (VHT40)	CH118	40.62	36.05
11ac (VHT40)	CH134	40.62	36.04
11ac (VHT80)	CH106	81.22	75.31
11ac (VHT80)	CH122	86.23	75.40

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.02	16.50
11a	CH157	19.99	16.48
11a	CH165	20.09	16.50
11n (HT20)	CH149	20.40	17.63
11n (HT20)	CH157	20.35	17.62
11n (HT20)	CH165	20.42	17.64
11n (HT40)	CH151	40.61	36.16
11n (HT40)	CH159	40.71	36.11
11ac (VHT20)	CH149	21.45	17.60
11ac (VHT20)	CH157	20.39	17.58
11ac (VHT20)	CH165	20.38	17.59
11ac (VHT40)	CH151	40.59	36.05
11ac (VHT40)	CH159	40.77	36.02
11ac (VHT80)	CH155	81.07	75.29

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2461166-604 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	15.30	500.00	Pass
11a	CH165	15.30	500.00	Pass
11n (HT20)	CH149	15.30	500.00	Pass
11n (HT20)	CH157	15.30	500.00	Pass
11n (HT20)	CH165	15.30	500.00	Pass
11n (HT40)	CH151	35.30	500.00	Pass
11n (HT40)	CH159	35.30	500.00	Pass
11ac (VHT20)	CH149	15.30	500.00	Pass
11ac (VHT20)	CH157	15.30	500.00	Pass
11ac (VHT20)	CH165	15.30	500.00	Pass
11ac (VHT40)	CH151	35.30	500.00	Pass
11ac (VHT40)	CH159	35.30	500.00	Pass
11ac (VHT80)	CH155	75.30	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ2461166-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.65	11.00	Pass
11a	CH44	2.54	11.00	Pass
11a	CH48	3.47	11.00	Pass
11n (HT20)	CH36	2.89	11.00	Pass
11n (HT20)	CH44	2.64	11.00	Pass
11n (HT20)	CH48	3.13	11.00	Pass
11n (HT40)	CH38	0.19	11.00	Pass
11n (HT40)	CH46	0.10	11.00	Pass
11ac (VHT20)	CH36	2.78	11.00	Pass
11ac (VHT20)	CH44	3.02	11.00	Pass
11ac (VHT20)	CH48	3.08	11.00	Pass
11ac (VHT40)	CH38	-0.24	11.00	Pass
11ac (VHT40)	CH46	0.05	11.00	Pass
11ac (VHT80)	CH42	-5.09	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	1.60	11.00	Pass
11a	CH60	0.49	11.00	Pass
11a	CH64	1.41	11.00	Pass
11n (HT20)	CH52	2.81	11.00	Pass
11n (HT20)	CH60	0.65	11.00	Pass
11n (HT20)	CH64	2.60	11.00	Pass
11n (HT40)	CH54	-0.14	11.00	Pass
11n (HT40)	CH62	-0.16	11.00	Pass
11ac (VHT20)	CH52	2.85	11.00	Pass
11ac (VHT20)	CH60	0.68	11.00	Pass
11ac (VHT20)	CH64	1.71	11.00	Pass
11ac (VHT40)	CH54	-0.15	11.00	Pass
11ac (VHT40)	CH62	-0.13	11.00	Pass
11ac (VHT80)	CH58	-3.18	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.87	11.00	Pass
11a	CH116	3.34	11.00	Pass
11a	CH140	3.23	11.00	Pass
11n (HT20)	CH100	3.11	11.00	Pass
11n (HT20)	CH116	3.02	11.00	Pass
11n (HT20)	CH140	2.74	11.00	Pass
11n (HT40)	CH102	-0.95	11.00	Pass
11n (HT40)	CH118	0.09	11.00	Pass
11n (HT40)	CH134	-0.09	11.00	Pass
11ac (VHT20)	CH100	2.47	11.00	Pass
11ac (VHT20)	CH116	3.01	11.00	Pass
11ac (VHT20)	CH140	2.80	11.00	Pass
11ac (VHT40)	CH102	-1.32	11.00	Pass
11ac (VHT40)	CH118	0.08	11.00	Pass
11ac (VHT40)	CH134	-0.10	11.00	Pass
11ac (VHT80)	CH106	-4.22	11.00	Pass
11ac (VHT80)	CH122	-3.36	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	0.01	30.00	Pass
11a	CH157	0.37	30.00	Pass
11a	CH165	0.43	30.00	Pass
11n (HT20)	CH149	0.06	30.00	Pass
11n (HT20)	CH157	-0.14	30.00	Pass
11n (HT20)	CH165	0.07	30.00	Pass
11n (HT40)	CH151	-2.87	30.00	Pass
11n (HT40)	CH159	-3.03	30.00	Pass
11ac (VHT20)	CH149	0.00	30.00	Pass
11ac (VHT20)	CH157	-0.21	30.00	Pass
11ac (VHT20)	CH165	0.05	30.00	Pass
11ac (VHT40)	CH151	-2.68	30.00	Pass
11ac (VHT40)	CH159	-3.10	30.00	Pass
11ac (VHT80)	CH155	-5.97	30.00	Pass

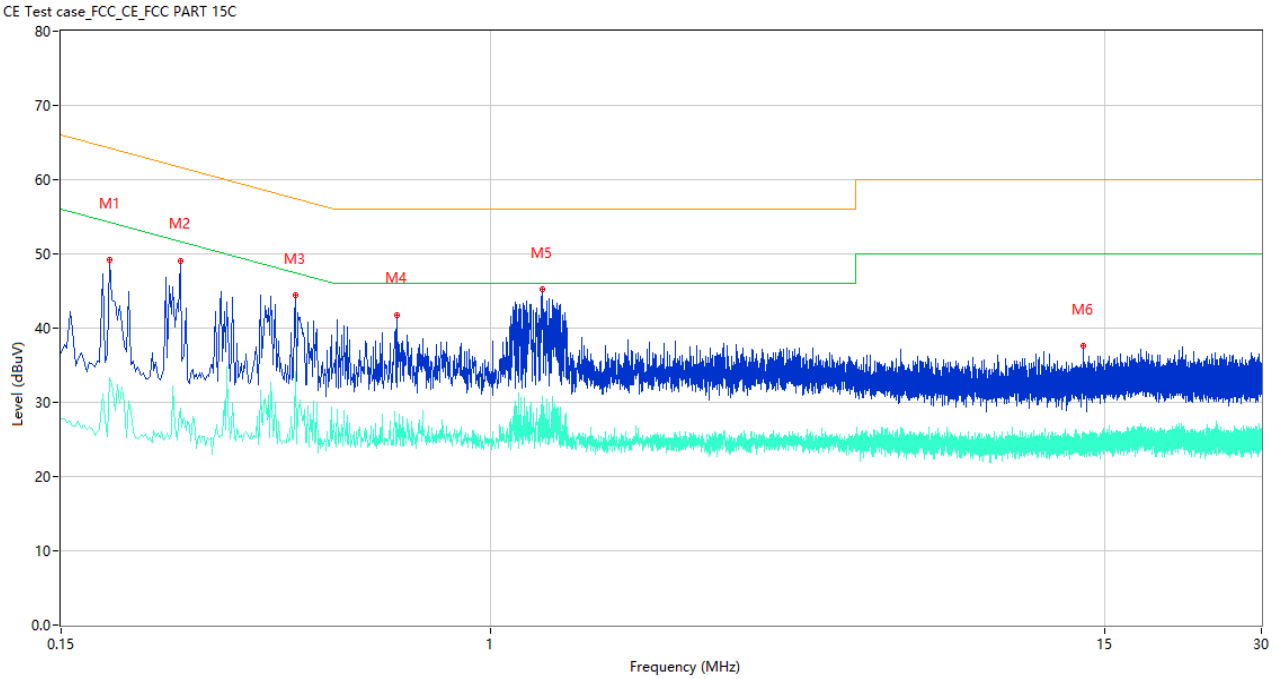
A.5 Conducted Emissions

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

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

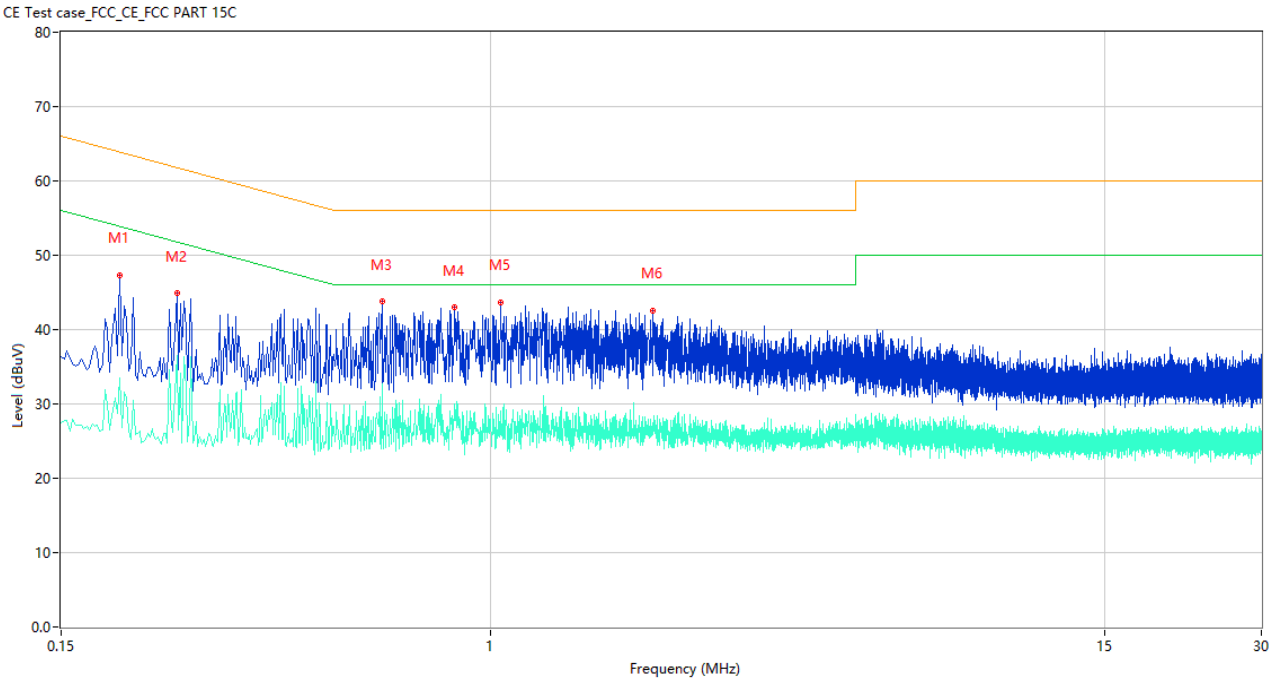
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.186	49.20	9.78	64.21	15.01	Peak	L	Pass
1**	0.186	33.33	9.78	54.21	20.88	AV	L	Pass
2	0.254	49.09	9.77	61.63	12.54	Peak	L	Pass
2**	0.254	29.16	9.77	51.63	22.47	AV	L	Pass
3	0.422	44.38	10.32	57.41	13.03	Peak	L	Pass
3**	0.422	34.11	10.32	47.41	13.30	AV	L	Pass
4	0.662	41.80	10.32	56.00	14.20	Peak	L	Pass
4**	0.662	27.14	10.32	46.00	18.86	AV	L	Pass
5	1.254	45.16	10.45	56.00	10.84	Peak	L	Pass
5**	1.254	30.76	10.45	46.00	15.24	AV	L	Pass
6	13.656	37.56	10.68	60.00	22.44	Peak	L	Pass
6**	13.656	24.55	10.68	50.00	25.45	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.194	47.37	9.77	63.86	16.49	Peak	N	Pass
1**	0.194	33.51	9.77	53.86	20.35	AV	N	Pass
2	0.250	44.90	9.77	61.76	16.86	Peak	N	Pass
2**	0.250	36.57	9.77	51.76	15.19	AV	N	Pass
3	0.618	43.80	10.18	56.00	12.20	Peak	N	Pass
3**	0.618	32.77	10.18	46.00	13.23	AV	N	Pass
4	0.852	42.97	10.60	56.00	13.03	Peak	N	Pass
4**	0.852	30.05	10.60	46.00	15.95	AV	N	Pass
5	1.046	43.67	10.16	56.00	12.33	Peak	N	Pass
5**	1.046	28.84	10.16	46.00	17.16	AV	N	Pass
6	2.048	42.57	10.49	56.00	13.43	Peak	N	Pass
6**	2.048	26.84	10.49	46.00	19.16	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.

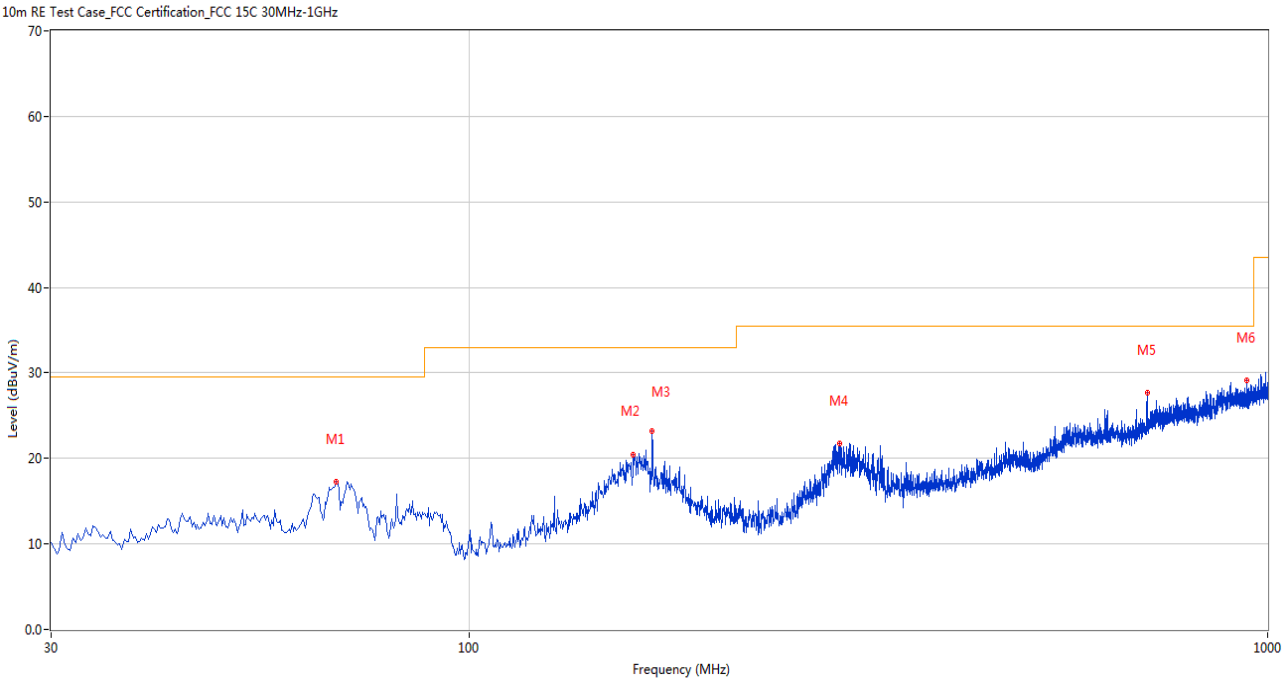
Note [2]: For the test data above 1 GHz，According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

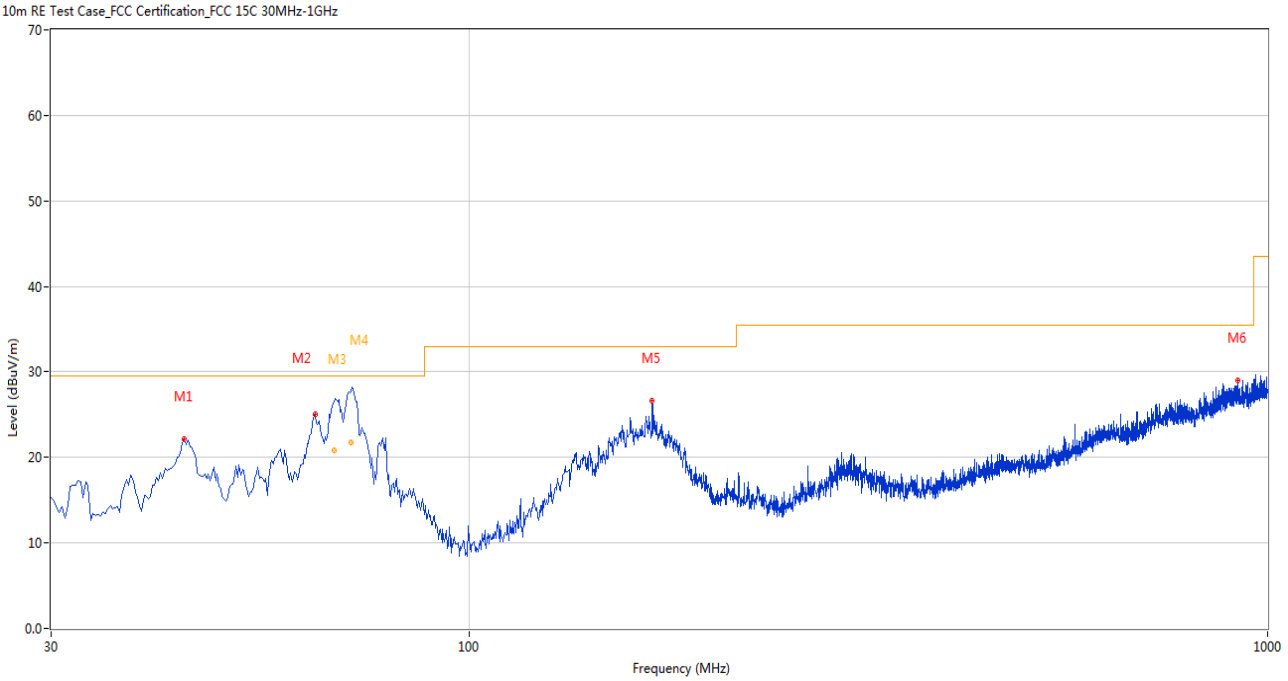
Test Data and Plots

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	68.305	17.31	-28.02	29.5	12.19	Peak	301.00	100	Horizontal	Pass
2	160.675	20.45	-25.71	33.0	12.55	Peak	282.00	200	Horizontal	Pass
3	169.645	23.16	-26.15	33.0	9.84	Peak	304.00	200	Horizontal	Pass
4	291.592	21.80	-24.88	35.5	13.70	Peak	121.00	200	Horizontal	Pass
5	706.406	27.67	-14.81	35.5	7.83	Peak	143.00	100	Horizontal	Pass
6	941.815	29.11	-10.76	35.5	6.39	Peak	239.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	44.061	22.16	-26.15	29.5	7.34	Peak	151.00	200	Vertical	Pass
2	64.184	24.98	-27.09	29.5	4.52	Peak	190.00	100	Vertical	Pass
3	67.800	23.78	-28.01	29.5	5.72	Peak	173.00	156	Vertical	N/A
3*	67.800	20.87	-28.01	29.5	8.63	QP	173.00	156	Vertical	Pass
4	71.193	23.97	-28.50	29.5	5.53	Peak	142.00	185	Vertical	N/A
4*	71.193	21.78	-28.50	29.5	7.72	QP	142.00	185	Vertical	Pass
5	169.645	26.59	-26.15	33.0	6.41	Peak	243.00	100	Vertical	Pass
6	918.783	28.99	-10.51	35.5	6.51	Peak	117.00	200	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.600	42.78	-17.07	74.0	31.22	Peak	360.00	300	Horizontal	Pass
1**	1572.600	33.17	-17.07	54.0	20.83	AV	360.00	300	Horizontal	Pass
2	4226.000	49.87	-4.06	74.0	24.13	Peak	115.00	300	Horizontal	Pass
2**	4226.000	39.47	-4.06	54.0	14.53	AV	115.00	300	Horizontal	Pass
3	5178.800	103.18	-2.53	--	--	Peak	157.00	100	Horizontal	N/A
3**	5178.800	95.39	-2.53	--	--	AV	157.00	100	Horizontal	N/A
4	7338.962	50.47	-2.92	74.0	23.53	Peak	339.00	300	Horizontal	Pass
4**	7338.962	41.64	-2.92	54.0	12.36	AV	339.00	300	Horizontal	Pass
5	11922.575	53.61	1.51	74.0	20.39	Peak	175.00	150	Horizontal	Pass
5**	11922.575	43.77	1.51	54.0	10.23	AV	175.00	150	Horizontal	Pass
6	15666.638	55.57	1.37	74.0	18.43	Peak	360.00	400	Horizontal	Pass
6**	15666.638	46.00	1.37	54.0	8.00	AV	360.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.300	42.33	-16.69	74.0	31.67	Peak	335.00	300	Vertical	Pass
1**	1485.300	33.74	-16.69	54.0	20.26	AV	335.00	300	Vertical	Pass
2	4385.400	49.71	-3.40	74.0	24.29	Peak	189.00	400	Vertical	Pass
2**	4385.400	40.35	-3.40	54.0	13.65	AV	189.00	400	Vertical	Pass
3	5178.200	97.24	-2.52	--	--	Peak	317.00	100	Vertical	N/A
3**	5178.200	89.62	-2.52	--	--	AV	317.00	100	Vertical	N/A
4	7337.812	50.08	-2.88	74.0	23.92	Peak	31.00	200	Vertical	Pass
4**	7337.812	40.69	-2.88	54.0	13.31	AV	31.00	200	Vertical	Pass
5	12112.326	53.09	0.56	74.0	20.91	Peak	13.00	200	Vertical	Pass
5**	12112.326	43.54	0.56	54.0	10.46	AV	13.00	200	Vertical	Pass
6	15842.775	56.11	1.40	74.0	17.89	Peak	281.00	400	Vertical	Pass
6**	15842.775	46.54	1.40	54.0	7.46	AV	281.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.000	38.96	-16.89	74.0	35.04	Peak	17.00	400	Horizontal	Pass
1**	1492.000	30.20	-16.89	54.0	23.80	AV	17.00	400	Horizontal	Pass
2	4377.400	50.76	-3.58	74.0	23.24	Peak	183.00	400	Horizontal	Pass
2**	4377.400	41.60	-3.58	54.0	12.40	AV	183.00	400	Horizontal	Pass
3	5218.000	102.30	-2.78	--	--	Peak	149.00	100	Horizontal	N/A
3**	5218.000	94.26	-2.78	--	--	AV	149.00	100	Horizontal	N/A
4	7347.588	50.43	-3.70	74.0	23.57	Peak	353.00	400	Horizontal	Pass
4**	7347.588	40.57	-3.70	54.0	13.43	AV	353.00	400	Horizontal	Pass
5	12362.450	53.17	1.18	74.0	20.83	Peak	360.00	100	Horizontal	Pass
5**	12362.450	43.17	1.18	54.0	10.83	AV	360.00	100	Horizontal	Pass
6	15660.599	53.66	1.28	74.0	20.34	Peak	144.00	150	Horizontal	Pass
6**	15660.599	49.64	1.28	54.0	4.36	AV	144.00	150	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	1585.900	38.60	-16.83	74.0	35.40	Peak	20.00	300	Vertical	Pass
1**	1585.900	29.73	-16.83	54.0	24.27	AV	20.00	300	Vertical	Pass
2	4394.600	50.32	-3.87	74.0	23.68	Peak	276.00	100	Vertical	Pass
2**	4394.600	40.87	-3.87	54.0	13.13	AV	276.00	100	Vertical	Pass
3	5222.000	96.54	-2.69	--	--	Peak	320.00	200	Vertical	N/A
3**	5222.000	89.05	-2.69	--	--	AV	320.00	200	Vertical	N/A
4	7370.588	49.86	-4.06	74.0	24.14	Peak	312.00	200	Vertical	Pass
4**	7370.588	39.92	-4.06	54.0	14.08	AV	312.00	200	Vertical	Pass
5	12281.375	53.34	1.80	74.0	20.66	Peak	174.00	200	Vertical	Pass
5**	12281.375	44.57	1.80	54.0	9.43	AV	174.00	200	Vertical	Pass
6	16030.463	55.92	0.71	74.0	18.08	Peak	344.00	400	Vertical	Pass
6**	16030.463	46.87	0.71	54.0	7.13	AV	344.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.900	39.14	-16.96	74.0	34.86	Peak	49.00	100	Horizontal	Pass
1**	1457.900	29.66	-16.96	54.0	24.34	AV	49.00	100	Horizontal	Pass
2	4210.200	50.34	-4.45	74.0	23.66	Peak	291.00	400	Horizontal	Pass
2**	4210.200	40.93	-4.45	54.0	13.07	AV	291.00	400	Horizontal	Pass
3	5241.400	101.46	-2.57	--	--	Peak	146.00	150	Horizontal	N/A
3**	5241.400	94.66	-2.57	--	--	AV	146.00	150	Horizontal	N/A
4	7319.700	50.56	-3.04	74.0	23.44	Peak	82.00	200	Horizontal	Pass
4**	7319.700	40.64	-3.04	54.0	13.36	AV	82.00	200	Horizontal	Pass
5	11665.263	53.68	0.18	74.0	20.32	Peak	360.00	100	Horizontal	Pass
5**	11665.263	43.18	0.18	54.0	10.82	AV	360.00	100	Horizontal	Pass
6	15798.674	56.30	2.29	74.0	17.70	Peak	5.00	400	Horizontal	Pass
6**	15798.674	47.23	2.29	54.0	6.77	AV	5.00	400	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	1586.000	39.68	-16.84	74.0	34.32	Peak	243.00	200	Vertical	Pass
1**	1586.000	30.49	-16.84	54.0	23.51	AV	243.00	200	Vertical	Pass
2	4379.600	50.46	-3.30	74.0	23.54	Peak	206.00	300	Vertical	Pass
2**	4379.600	41.97	-3.30	54.0	12.03	AV	206.00	300	Vertical	Pass
3	5238.600	96.54	-2.59	--	--	Peak	316.00	150	Vertical	N/A
3**	5238.600	88.20	-2.59	--	--	AV	316.00	150	Vertical	N/A
4	7407.675	49.79	-3.78	74.0	24.21	Peak	244.00	100	Vertical	Pass
4**	7407.675	40.65	-3.78	54.0	13.35	AV	244.00	100	Vertical	Pass
5	12235.950	53.64	1.14	74.0	20.36	Peak	225.00	200	Vertical	Pass
5**	12235.950	43.29	1.14	54.0	10.71	AV	225.00	200	Vertical	Pass
6	15811.537	56.29	2.13	74.0	17.71	Peak	255.00	100	Vertical	Pass
6**	15811.537	47.31	2.13	54.0	6.69	AV	255.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.500	39.19	-17.03	74.0	34.81	Peak	7.00	400	Horizontal	Pass
1**	1623.500	29.07	-17.03	54.0	24.93	AV	7.00	400	Horizontal	Pass
2	4387.200	50.72	-3.34	74.0	23.28	Peak	83.00	200	Horizontal	Pass
2**	4387.200	41.66	-3.34	54.0	12.34	AV	83.00	200	Horizontal	Pass
3	5181.200	103.35	-2.66	--	--	Peak	162.00	100	Horizontal	N/A
3**	5181.200	95.79	-2.66	--	--	AV	162.00	100	Horizontal	N/A
4	7332.638	50.02	-3.21	74.0	23.98	Peak	52.00	300	Horizontal	Pass
4**	7332.638	41.31	-3.21	54.0	12.69	AV	52.00	300	Horizontal	Pass
5	12248.025	53.74	0.98	74.0	20.26	Peak	71.00	200	Horizontal	Pass
5**	12248.025	44.17	0.98	54.0	9.83	AV	71.00	200	Horizontal	Pass
6	15525.412	55.85	1.37	74.0	18.15	Peak	241.00	400	Horizontal	Pass
6**	15525.412	46.31	1.37	54.0	7.69	AV	241.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.800	38.87	-16.72	74.0	35.13	Peak	83.00	300	Vertical	Pass
1**	1489.800	29.65	-16.72	54.0	24.35	AV	83.00	300	Vertical	Pass
2	4388.600	50.46	-3.39	74.0	23.54	Peak	210.00	200	Vertical	Pass
2**	4388.600	42.08	-3.39	54.0	11.92	AV	210.00	200	Vertical	Pass
3	5181.800	97.62	-2.62	--	--	Peak	321.00	100	Vertical	N/A
3**	5181.800	90.84	-2.62	--	--	AV	321.00	100	Vertical	N/A
4	7709.550	50.28	-2.38	74.0	23.72	Peak	150.00	200	Vertical	Pass
4**	7709.550	40.14	-2.38	54.0	13.86	AV	150.00	200	Vertical	Pass
5	11780.550	53.31	1.22	74.0	20.69	Peak	202.00	100	Vertical	Pass
5**	11780.550	43.79	1.22	54.0	10.21	AV	202.00	100	Vertical	Pass
6	16181.137	55.84	1.51	74.0	18.16	Peak	38.00	100	Vertical	Pass
6**	16181.137	46.77	1.51	54.0	7.23	AV	38.00	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	1610.900	38.89	-17.04	74.0	35.11	Peak	17.00	200	Horizontal	Pass
1**	1610.900	30.04	-17.04	54.0	23.96	AV	17.00	200	Horizontal	Pass
2	4378.200	50.21	-3.44	74.0	23.79	Peak	268.00	300	Horizontal	Pass
2**	4378.200	42.33	-3.44	54.0	11.67	AV	268.00	300	Horizontal	Pass
3	5222.800	101.84	-2.71	--	--	Peak	154.00	150	Horizontal	N/A
3**	5222.800	93.84	-2.71	--	--	AV	154.00	150	Horizontal	N/A
4	7335.513	50.05	-3.28	74.0	23.95	Peak	138.00	100	Horizontal	Pass
4**	7335.513	40.80	-3.28	54.0	13.20	AV	138.00	100	Horizontal	Pass
5	12288.275	53.06	1.70	74.0	20.94	Peak	336.00	100	Horizontal	Pass
5**	12288.275	43.54	1.70	54.0	10.46	AV	336.00	100	Horizontal	Pass
6	15667.162	55.20	1.38	74.0	18.80	Peak	199.00	150	Horizontal	Pass
6**	15667.162	49.56	1.38	54.0	4.44	AV	199.00	150	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	1462.200	38.90	-17.34	74.0	35.10	Peak	261.00	400	Vertical	Pass
1**	1462.200	28.72	-17.34	54.0	25.28	AV	261.00	400	Vertical	Pass
2	4389.000	50.28	-3.37	74.0	23.72	Peak	73.00	300	Vertical	Pass
2**	4389.000	41.38	-3.37	54.0	12.62	AV	73.00	300	Vertical	Pass
3	5221.200	96.91	-2.69	--	--	Peak	318.00	150	Vertical	N/A
3**	5221.200	89.67	-2.69	--	--	AV	318.00	150	Vertical	N/A
4	7334.938	49.80	-3.24	74.0	24.20	Peak	360.00	300	Vertical	Pass
4**	7334.938	40.96	-3.24	54.0	13.04	AV	360.00	300	Vertical	Pass
5	12405.862	52.82	1.47	74.0	21.18	Peak	238.00	150	Vertical	Pass
5**	12405.862	43.63	1.47	54.0	10.37	AV	238.00	150	Vertical	Pass
6	15806.550	55.98	2.24	74.0	18.02	Peak	0.00	100	Vertical	Pass
6**	15806.550	46.54	2.24	54.0	7.46	AV	0.00	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	1489.000	39.16	-16.76	74.0	34.84	Peak	82.00	100	Horizontal	Pass
1**	1489.000	30.12	-16.76	54.0	23.88	AV	82.00	100	Horizontal	Pass
2	4391.200	50.07	-3.40	74.0	23.93	Peak	278.00	400	Horizontal	Pass
2**	4391.200	41.25	-3.40	54.0	12.75	AV	278.00	400	Horizontal	Pass
3	5237.600	101.05	-2.54	--	--	Peak	164.00	100	Horizontal	N/A
3**	5237.600	93.20	-2.54	--	--	AV	164.00	100	Horizontal	N/A
4	7338.100	50.47	-2.89	74.0	23.53	Peak	360.00	200	Horizontal	Pass
4**	7338.100	41.37	-2.89	54.0	12.63	AV	360.00	200	Horizontal	Pass
5	12314.438	53.51	1.40	74.0	20.49	Peak	236.00	100	Horizontal	Pass
5**	12314.438	44.17	1.40	54.0	9.83	AV	236.00	100	Horizontal	Pass
6	15719.925	56.45	0.45	74.0	17.55	Peak	188.00	100	Horizontal	Pass
6**	15719.925	47.06	0.45	54.0	6.94	AV	188.00	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	1537.600	38.54	-17.02	74.0	35.46	Peak	44.00	300	Vertical	Pass
1**	1537.600	29.48	-17.02	54.0	24.52	AV	44.00	300	Vertical	Pass
2	4381.000	50.32	-3.49	74.0	23.68	Peak	69.00	400	Vertical	Pass
2**	4381.000	41.54	-3.49	54.0	12.46	AV	69.00	400	Vertical	Pass
3	5242.400	96.04	-2.41	--	--	Peak	323.00	100	Vertical	N/A
3**	5242.400	89.05	-2.41	--	--	AV	323.00	100	Vertical	N/A
4	7351.037	50.25	-3.68	74.0	23.75	Peak	172.00	400	Vertical	Pass
4**	7351.037	40.01	-3.68	54.0	13.99	AV	172.00	400	Vertical	Pass
5	12440.651	53.99	1.78	74.0	20.01	Peak	236.00	100	Vertical	Pass
5**	12440.651	43.92	1.78	54.0	10.08	AV	236.00	100	Vertical	Pass
6	15791.325	55.89	2.05	74.0	18.11	Peak	26.00	300	Vertical	Pass
6**	15791.325	46.58	2.05	54.0	7.42	AV	26.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.200	38.70	-17.30	74.0	35.30	Peak	30.00	400	Horizontal	Pass
1**	1521.200	28.77	-17.30	54.0	25.23	AV	30.00	400	Horizontal	Pass
2	4390.800	50.69	-3.35	74.0	23.31	Peak	99.00	200	Horizontal	Pass
2**	4390.800	41.22	-3.35	54.0	12.78	AV	99.00	200	Horizontal	Pass
3	5188.200	100.66	-2.34	--	--	Peak	158.00	100	Horizontal	N/A
3**	5188.200	94.08	-2.34	--	--	AV	158.00	100	Horizontal	N/A
4	7344.712	50.03	-3.48	74.0	23.97	Peak	14.00	200	Horizontal	Pass
4**	7344.712	40.90	-3.48	54.0	13.10	AV	14.00	200	Horizontal	Pass
5	12396.662	53.49	1.59	74.0	20.51	Peak	302.00	200	Horizontal	Pass
5**	12396.662	43.52	1.59	54.0	10.48	AV	302.00	200	Horizontal	Pass
6	15787.650	55.51	1.91	74.0	18.49	Peak	251.00	200	Horizontal	Pass
6**	15787.650	47.34	1.91	54.0	6.66	AV	251.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1453.700	38.97	-17.07	74.0	35.03	Peak	184.00	200	Vertical	Pass
1**	1453.700	28.85	-17.07	54.0	25.15	AV	184.00	200	Vertical	Pass
2	4380.000	50.12	-3.32	74.0	23.88	Peak	339.00	400	Vertical	Pass
2**	4380.000	41.94	-3.32	54.0	12.06	AV	339.00	400	Vertical	Pass
3	5186.800	94.73	-2.39	--	--	Peak	316.00	200	Vertical	N/A
3**	5186.800	87.69	-2.39	--	--	AV	316.00	200	Vertical	N/A
4	7337.525	50.08	-2.90	74.0	23.92	Peak	121.00	100	Vertical	Pass
4**	7337.525	41.23	-2.90	54.0	12.77	AV	121.00	100	Vertical	Pass
5	12442.087	53.53	1.79	74.0	20.47	Peak	0.00	100	Vertical	Pass
5**	12442.087	43.34	1.79	54.0	10.66	AV	0.00	100	Vertical	Pass
6	15813.638	55.98	2.09	74.0	18.02	Peak	200.00	300	Vertical	Pass
6**	15813.638	46.23	2.09	54.0	7.77	AV	200.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1562.000	38.99	-16.75	74.0	35.01	Peak	284.00	200	Horizontal	Pass
1**	1562.000	30.32	-16.75	54.0	23.68	AV	284.00	200	Horizontal	Pass
2	4299.600	50.59	-4.16	74.0	23.41	Peak	171.00	200	Horizontal	Pass
2**	4299.600	40.22	-4.16	54.0	13.78	AV	171.00	200	Horizontal	Pass
3	5228.400	99.03	-2.71	--	--	Peak	159.00	150	Horizontal	N/A
3**	5228.400	92.06	-2.71	--	--	AV	159.00	150	Horizontal	N/A
4	7632.212	49.64	-2.91	74.0	24.36	Peak	183.00	100	Horizontal	Pass
4**	7632.212	40.63	-2.91	54.0	13.37	AV	183.00	100	Horizontal	Pass
5	12283.099	53.61	1.79	74.0	20.39	Peak	256.00	200	Horizontal	Pass
5**	12283.099	44.90	1.79	54.0	9.10	AV	256.00	200	Horizontal	Pass
6	15788.963	56.21	1.97	74.0	17.79	Peak	188.00	300	Horizontal	Pass
6**	15788.963	46.97	1.97	54.0	7.03	AV	188.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1578.700	39.45	-17.49	74.0	34.55	Peak	198.00	200	Vertical	Pass
1**	1578.700	29.31	-17.49	54.0	24.69	AV	198.00	200	Vertical	Pass
2	4373.800	49.81	-3.88	74.0	24.19	Peak	341.00	200	Vertical	Pass
2**	4373.800	40.81	-3.88	54.0	13.19	AV	341.00	200	Vertical	Pass
3	5232.000	94.01	-2.60	--	--	Peak	320.00	200	Vertical	N/A
3**	5232.000	86.04	-2.60	--	--	AV	320.00	200	Vertical	N/A
4	7628.763	50.46	-2.95	74.0	23.54	Peak	302.00	300	Vertical	Pass
4**	7628.763	39.84	-2.95	54.0	14.16	AV	302.00	300	Vertical	Pass
5	12279.937	53.07	1.80	74.0	20.93	Peak	319.00	200	Vertical	Pass
5**	12279.937	44.40	1.80	54.0	9.60	AV	319.00	200	Vertical	Pass
6	15857.212	55.58	1.08	74.0	18.42	Peak	110.00	100	Vertical	Pass
6**	15857.212	46.47	1.08	54.0	7.53	AV	110.00	100	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	1582.900	38.74	-17.13	74.0	35.26	Peak	230.00	400	Horizontal	Pass
1**	1582.900	29.47	-17.13	54.0	24.53	AV	230.00	400	Horizontal	Pass
2	4391.200	50.23	-3.40	74.0	23.77	Peak	206.00	400	Horizontal	Pass
2**	4391.200	42.87	-3.40	54.0	11.13	AV	206.00	400	Horizontal	Pass
3	5182.000	103.35	-2.61	--	--	Peak	159.00	150	Horizontal	N/A
3**	5182.000	95.61	-2.61	--	--	AV	159.00	150	Horizontal	N/A
4	7350.750	50.10	-3.65	74.0	23.90	Peak	183.00	300	Horizontal	Pass
4**	7350.750	40.15	-3.65	54.0	13.85	AV	183.00	300	Horizontal	Pass
5	12698.250	53.19	0.84	74.0	20.81	Peak	208.00	200	Horizontal	Pass
5**	12698.250	43.92	0.84	54.0	10.08	AV	208.00	200	Horizontal	Pass
6	16109.737	56.04	0.78	74.0	17.96	Peak	198.00	300	Horizontal	Pass
6**	16109.737	47.62	0.78	54.0	6.38	AV	198.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.400	40.04	-17.01	74.0	33.96	Peak	338.00	200	Vertical	Pass
1**	1587.400	30.13	-17.01	54.0	23.87	AV	338.00	200	Vertical	Pass
2	4344.000	50.15	-3.77	74.0	23.85	Peak	213.00	200	Vertical	Pass
2**	4344.000	40.59	-3.77	54.0	13.41	AV	213.00	200	Vertical	Pass
3	5178.800	97.31	-2.53	--	--	Peak	316.00	200	Vertical	N/A
3**	5178.800	88.78	-2.53	--	--	AV	316.00	200	Vertical	N/A
4	7339.250	49.78	-2.93	74.0	24.22	Peak	14.00	300	Vertical	Pass
4**	7339.250	40.82	-2.93	54.0	13.18	AV	14.00	300	Vertical	Pass
5	12615.162	53.46	1.87	74.0	20.54	Peak	233.00	150	Vertical	Pass
5**	12615.162	43.96	1.87	54.0	10.04	AV	233.00	150	Vertical	Pass
6	15519.638	55.59	1.38	74.0	18.41	Peak	93.00	300	Vertical	Pass
6**	15519.638	47.00	1.38	54.0	7.00	AV	93.00	300	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	1626.100	38.79	-17.17	74.0	35.21	Peak	0.00	100	Horizontal	Pass
1**	1626.100	29.92	-17.17	54.0	24.08	AV	0.00	100	Horizontal	Pass
2	4383.400	50.19	-3.64	74.0	23.81	Peak	309.00	400	Horizontal	Pass
2**	4383.400	41.54	-3.64	54.0	12.46	AV	309.00	400	Horizontal	Pass
3	5218.400	101.75	-2.82	--	--	Peak	167.00	200	Horizontal	N/A
3**	5218.400	94.26	-2.82	--	--	AV	167.00	200	Horizontal	N/A
4	7339.537	50.39	-2.93	74.0	23.61	Peak	350.00	200	Horizontal	Pass
4**	7339.537	40.74	-2.93	54.0	13.26	AV	350.00	200	Horizontal	Pass
5	11507.425	53.01	-0.15	74.0	20.99	Peak	266.00	100	Horizontal	Pass
5**	11507.425	43.67	-0.15	54.0	10.33	AV	266.00	100	Horizontal	Pass
6	15663.750	54.81	1.32	74.0	19.19	Peak	208.00	150	Horizontal	Pass
6**	15663.750	50.99	1.32	54.0	3.01	AV	208.00	150	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	1551.800	39.49	-17.06	74.0	34.51	Peak	360.00	300	Vertical	Pass
1**	1551.800	31.41	-17.06	54.0	22.59	AV	360.00	300	Vertical	Pass
2	4386.800	50.67	-3.31	74.0	23.33	Peak	308.00	200	Vertical	Pass
2**	4386.800	41.77	-3.31	54.0	12.23	AV	308.00	200	Vertical	Pass
3	5218.800	96.53	-2.86	--	--	Peak	319.00	150	Vertical	N/A
3**	5218.800	89.38	-2.86	--	--	AV	319.00	150	Vertical	N/A
4	7410.838	50.58	-3.93	74.0	23.42	Peak	263.00	100	Vertical	Pass
4**	7410.838	40.93	-3.93	54.0	13.07	AV	263.00	100	Vertical	Pass
5	12331.688	53.66	1.39	74.0	20.34	Peak	197.00	200	Vertical	Pass
5**	12331.688	43.58	1.39	54.0	10.42	AV	197.00	200	Vertical	Pass
6	15669.000	56.14	1.41	74.0	17.86	Peak	35.00	200	Vertical	Pass
6**	15669.000	47.33	1.41	54.0	6.67	AV	35.00	200	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	1534.400	39.80	-17.17	74.0	34.20	Peak	280.00	300	Horizontal	Pass
1**	1534.400	32.32	-17.17	54.0	21.68	AV	280.00	300	Horizontal	Pass
2	4379.600	50.28	-3.30	74.0	23.72	Peak	82.00	300	Horizontal	Pass
2**	4379.600	42.08	-3.30	54.0	11.92	AV	82.00	300	Horizontal	Pass
3	5238.000	100.60	-2.55	--	--	Peak	148.00	150	Horizontal	N/A
3**	5238.000	93.26	-2.55	--	--	AV	148.00	150	Horizontal	N/A
4	7349.313	50.01	-3.70	74.0	23.99	Peak	347.00	100	Horizontal	Pass
4**	7349.313	40.49	-3.70	54.0	13.51	AV	347.00	100	Horizontal	Pass
5	12397.237	53.45	1.59	74.0	20.55	Peak	294.00	100	Horizontal	Pass
5**	12397.237	44.66	1.59	54.0	9.34	AV	294.00	100	Horizontal	Pass
6	15718.088	56.63	0.48	74.0	17.37	Peak	197.00	400	Horizontal	Pass
6**	15718.088	47.20	0.48	54.0	6.80	AV	197.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.500	38.77	-16.78	74.0	35.23	Peak	105.00	400	Vertical	Pass
1**	1585.500	29.41	-16.78	54.0	24.59	AV	105.00	400	Vertical	Pass
2	3728.200	50.43	-5.08	74.0	23.57	Peak	71.00	100	Vertical	Pass
2**	3728.200	40.89	-5.08	54.0	13.11	AV	71.00	100	Vertical	Pass
3	5237.800	95.90	-2.54	--	--	Peak	316.00	200	Vertical	N/A
3**	5237.800	88.10	-2.54	--	--	AV	316.00	200	Vertical	N/A
4	7354.775	49.77	-3.76	74.0	24.23	Peak	0.00	100	Vertical	Pass
4**	7354.775	41.16	-3.76	54.0	12.84	AV	0.00	100	Vertical	Pass
5	11498.800	53.59	0.05	74.0	20.41	Peak	160.00	100	Vertical	Pass
5**	11498.800	43.28	0.05	54.0	10.72	AV	160.00	100	Vertical	Pass
6	15849.600	56.26	1.33	74.0	17.74	Peak	148.00	400	Vertical	Pass
6**	15849.600	46.76	1.33	54.0	7.24	AV	148.00	400	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	1625.500	38.88	-17.14	74.0	35.12	Peak	91.00	200	Horizontal	Pass
1**	1625.500	29.48	-17.14	54.0	24.52	AV	91.00	200	Horizontal	Pass
2	4146.600	50.24	-5.02	74.0	23.76	Peak	149.00	300	Horizontal	Pass
2**	4146.600	39.81	-5.02	54.0	14.19	AV	149.00	300	Horizontal	Pass
3	5188.600	100.17	-2.33	--	--	Peak	160.00	150	Horizontal	N/A
3**	5188.600	93.26	-2.33	--	--	AV	160.00	150	Horizontal	N/A
4	7449.937	50.34	-3.21	74.0	23.66	Peak	80.00	300	Horizontal	Pass
4**	7449.937	41.95	-3.21	54.0	12.05	AV	80.00	300	Horizontal	Pass
5	12324.213	53.18	1.42	74.0	20.82	Peak	231.00	150	Horizontal	Pass
5**	12324.213	43.81	1.42	54.0	10.19	AV	231.00	150	Horizontal	Pass
6	16095.300	55.89	1.32	74.0	18.11	Peak	305.00	150	Horizontal	Pass
6**	16095.300	45.95	1.32	54.0	8.05	AV	305.00	150	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	1493.500	38.51	-16.88	74.0	35.49	Peak	317.00	400	Vertical	Pass
1**	1493.500	29.86	-16.88	54.0	24.14	AV	317.00	400	Vertical	Pass
2	4376.000	50.21	-4.05	74.0	23.79	Peak	230.00	200	Vertical	Pass
2**	4376.000	40.25	-4.05	54.0	13.75	AV	230.00	200	Vertical	Pass
3	5191.400	94.12	-2.25	--	--	Peak	316.00	150	Vertical	N/A
3**	5191.400	86.64	-2.25	--	--	AV	316.00	150	Vertical	N/A
4	7340.687	49.58	-3.04	74.0	24.42	Peak	289.00	100	Vertical	Pass
4**	7340.687	41.45	-3.04	54.0	12.55	AV	289.00	100	Vertical	Pass
5	12387.463	52.88	1.54	74.0	21.12	Peak	0.00	200	Vertical	Pass
5**	12387.463	43.27	1.54	54.0	10.73	AV	0.00	200	Vertical	Pass
6	15866.138	56.54	0.77	74.0	17.46	Peak	132.00	400	Vertical	Pass
6**	15866.138	47.55	0.77	54.0	6.45	AV	132.00	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	1618.000	39.54	-17.24	74.0	34.46	Peak	62.00	300	Horizontal	Pass
1**	1618.000	29.37	-17.24	54.0	24.63	AV	62.00	300	Horizontal	Pass
2	4385.600	50.80	-3.36	74.0	23.20	Peak	68.00	200	Horizontal	Pass
2**	4385.600	41.97	-3.36	54.0	12.03	AV	68.00	200	Horizontal	Pass
3	5227.600	98.87	-2.85	--	--	Peak	162.00	100	Horizontal	N/A
3**	5227.600	91.20	-2.85	--	--	AV	162.00	100	Horizontal	N/A
4	7383.525	49.94	-3.51	74.0	24.06	Peak	50.00	200	Horizontal	Pass
4**	7383.525	40.38	-3.51	54.0	13.62	AV	50.00	200	Horizontal	Pass
5	12264.700	54.50	1.28	74.0	19.50	Peak	343.00	100	Horizontal	Pass
5**	12264.700	44.97	1.28	54.0	9.03	AV	343.00	100	Horizontal	Pass
6	15799.987	56.15	2.33	74.0	17.85	Peak	0.00	400	Horizontal	Pass
6**	15799.987	46.19	2.33	54.0	7.81	AV	0.00	400	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	1574.700	38.68	-17.14	74.0	35.32	Peak	357.00	100	Vertical	Pass
1**	1574.700	30.37	-17.14	54.0	23.63	AV	357.00	100	Vertical	Pass
2	4386.800	50.41	-3.31	74.0	23.59	Peak	28.00	300	Vertical	Pass
2**	4386.800	41.65	-3.31	54.0	12.35	AV	28.00	300	Vertical	Pass
3	5234.200	93.59	-2.80	--	--	Peak	320.00	100	Vertical	N/A
3**	5234.200	85.44	-2.80	--	--	AV	320.00	100	Vertical	N/A
4	7339.825	50.31	-2.95	74.0	23.69	Peak	80.00	200	Vertical	Pass
4**	7339.825	41.54	-2.95	54.0	12.46	AV	80.00	200	Vertical	Pass
5	11939.537	53.23	1.69	74.0	20.77	Peak	114.00	150	Vertical	Pass
5**	11939.537	44.02	1.69	54.0	9.98	AV	114.00	150	Vertical	Pass
6	15798.150	55.78	2.27	74.0	18.22	Peak	46.00	150	Vertical	Pass
6**	15798.150	47.05	2.27	54.0	6.95	AV	46.00	150	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	1481.700	39.14	-17.10	74.0	34.86	Peak	219.00	300	Horizontal	Pass
1**	1481.700	30.11	-17.10	54.0	23.89	AV	219.00	300	Horizontal	Pass
2	4380.600	50.29	-3.42	74.0	23.71	Peak	47.00	400	Horizontal	Pass
2**	4380.600	42.84	-3.42	54.0	11.16	AV	47.00	400	Horizontal	Pass
3	5216.400	96.97	-2.64	--	--	Peak	151.00	150	Horizontal	N/A
3**	5216.400	89.29	-2.64	--	--	AV	151.00	150	Horizontal	N/A
4	7369.150	50.37	-3.95	74.0	23.63	Peak	253.00	200	Horizontal	Pass
4**	7369.150	39.56	-3.95	54.0	14.44	AV	253.00	200	Horizontal	Pass
5	12604.526	52.98	1.91	74.0	21.02	Peak	83.00	100	Horizontal	Pass
5**	12604.526	44.54	1.91	54.0	9.46	AV	83.00	100	Horizontal	Pass
6	15645.112	56.61	1.24	74.0	17.39	Peak	208.00	100	Horizontal	Pass
6**	15645.112	46.68	1.24	54.0	7.32	AV	208.00	100	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	1495.700	39.13	-16.85	74.0	34.87	Peak	306.00	200	Vertical	Pass
1**	1495.700	29.61	-16.85	54.0	24.39	AV	306.00	200	Vertical	Pass
2	4373.200	50.43	-3.85	74.0	23.57	Peak	192.00	300	Vertical	Pass
2**	4373.200	41.12	-3.85	54.0	12.88	AV	192.00	300	Vertical	Pass
3	5202.800	91.08	-2.16	--	--	Peak	308.00	150	Vertical	N/A
3**	5202.800	84.58	-2.16	--	--	AV	308.00	150	Vertical	N/A
4	7340.112	49.94	-2.98	74.0	24.06	Peak	33.00	200	Vertical	Pass
4**	7340.112	41.65	-2.98	54.0	12.35	AV	33.00	200	Vertical	Pass
5	12603.950	53.41	1.91	74.0	20.59	Peak	264.00	100	Vertical	Pass
5**	12603.950	44.31	1.91	54.0	9.69	AV	264.00	100	Vertical	Pass
6	15853.275	56.14	1.24	74.0	17.86	Peak	0.00	300	Vertical	Pass
6**	15853.275	47.15	1.24	54.0	6.85	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.500	39.39	-16.86	74.0	34.61	Peak	352.00	100	Horizontal	Pass
1**	1621.500	29.65	-16.86	54.0	24.35	AV	352.00	100	Horizontal	Pass
2	4379.000	51.16	-3.36	74.0	22.84	Peak	126.00	100	Horizontal	Pass
2**	4379.000	41.30	-3.36	54.0	12.70	AV	126.00	100	Horizontal	Pass
3	5259.400	100.04	-1.76	--	--	Peak	147.00	150	Horizontal	N/A
3**	5259.400	93.12	-1.76	--	--	AV	147.00	150	Horizontal	N/A
4	7337.238	49.81	-2.96	74.0	24.19	Peak	332.00	100	Horizontal	Pass
4**	7337.238	41.61	-2.96	54.0	12.39	AV	332.00	100	Horizontal	Pass
5	12274.187	53.48	1.59	74.0	20.52	Peak	83.00	100	Horizontal	Pass
5**	12274.187	44.48	1.59	54.0	9.52	AV	83.00	100	Horizontal	Pass
6	15775.313	54.68	1.28	74.0	19.32	Peak	214.00	150	Horizontal	Pass
6**	15775.313	49.81	1.28	54.0	4.19	AV	214.00	150	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	1579.900	39.53	-17.36	74.0	34.47	Peak	40.00	400	Vertical	Pass
1**	1579.900	28.96	-17.36	54.0	25.04	AV	40.00	400	Vertical	Pass
2	4374.800	50.30	-4.07	74.0	23.70	Peak	81.00	200	Vertical	Pass
2**	4374.800	41.41	-4.07	54.0	12.59	AV	81.00	200	Vertical	Pass
3	5258.600	95.46	-1.77	--	--	Peak	321.00	200	Vertical	N/A
3**	5258.600	87.93	-1.77	--	--	AV	321.00	200	Vertical	N/A
4	7687.413	50.06	-2.12	74.0	23.94	Peak	0.00	100	Vertical	Pass
4**	7687.413	40.56	-2.12	54.0	13.44	AV	0.00	100	Vertical	Pass
5	12441.224	53.00	1.79	74.0	21.00	Peak	226.00	100	Vertical	Pass
5**	12441.224	43.13	1.79	54.0	10.87	AV	226.00	100	Vertical	Pass
6	15852.488	53.19	1.26	74.0	20.81	Peak	192.00	150	Vertical	Pass
6**	15852.488	48.57	1.26	54.0	5.43	AV	192.00	150	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	1604.300	39.01	-17.45	74.0	34.99	Peak	186.00	300	Horizontal	Pass
1**	1604.300	29.26	-17.45	54.0	24.74	AV	186.00	300	Horizontal	Pass
2	4389.600	50.14	-3.34	74.0	23.86	Peak	137.00	300	Horizontal	Pass
2**	4389.600	41.41	-3.34	54.0	12.59	AV	137.00	300	Horizontal	Pass
3	5301.400	98.92	-2.79	--	--	Peak	159.00	200	Horizontal	N/A
3**	5301.400	90.60	-2.79	--	--	AV	159.00	200	Horizontal	N/A
4	12619.475	53.18	1.80	74.0	20.82	Peak	290.00	100	Horizontal	Pass
4**	12619.475	43.11	1.80	54.0	10.89	AV	290.00	100	Horizontal	Pass
5	15892.125	57.41	0.20	74.0	16.59	Peak	195.00	300	Horizontal	Pass
5**	15892.125	47.41	0.20	54.0	6.59	AV	195.00	300	Horizontal	Pass
6	15904.201	54.39	0.33	74.0	19.61	Peak	195.00	150	Horizontal	Pass
6**	15904.201	49.60	0.33	54.0	4.40	AV	195.00	150	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	1460.400	39.06	-17.11	74.0	34.94	Peak	67.00	100	Vertical	Pass
1**	1460.400	29.25	-17.11	54.0	24.75	AV	67.00	100	Vertical	Pass
2	4364.800	50.36	-3.94	74.0	23.64	Peak	317.00	100	Vertical	Pass
2**	4364.800	40.69	-3.94	54.0	13.31	AV	317.00	100	Vertical	Pass
3	5298.600	93.49	-2.89	--	--	Peak	317.00	200	Vertical	N/A
3**	5298.600	85.60	-2.89	--	--	AV	317.00	200	Vertical	N/A
4	7632.787	49.28	-2.90	74.0	24.72	Peak	141.00	100	Vertical	Pass
4**	7632.787	40.54	-2.90	54.0	13.46	AV	141.00	100	Vertical	Pass
5	12271.313	53.09	1.49	74.0	20.91	Peak	51.00	200	Vertical	Pass
5**	12271.313	44.51	1.49	54.0	9.49	AV	51.00	200	Vertical	Pass
6	15835.162	55.99	1.45	74.0	18.01	Peak	256.00	300	Vertical	Pass
6**	15835.162	47.49	1.45	54.0	6.51	AV	256.00	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	1484.400	39.01	-16.81	74.0	34.99	Peak	29.00	100	Horizontal	Pass
1**	1484.400	29.12	-16.81	54.0	24.88	AV	29.00	100	Horizontal	Pass
2	4379.600	50.51	-3.30	74.0	23.49	Peak	171.00	400	Horizontal	Pass
2**	4379.600	41.79	-3.30	54.0	12.21	AV	171.00	400	Horizontal	Pass
3	5318.200	100.27	-2.44	--	--	Peak	158.00	100	Horizontal	N/A
3**	5318.200	92.70	-2.44	--	--	AV	158.00	100	Horizontal	N/A
4	7684.537	50.22	-2.49	74.0	23.78	Peak	360.00	400	Horizontal	Pass
4**	7684.537	39.77	-2.49	54.0	14.23	AV	360.00	400	Horizontal	Pass
5	12278.787	53.24	1.76	74.0	20.76	Peak	228.00	150	Horizontal	Pass
5**	12278.787	43.99	1.76	54.0	10.01	AV	228.00	150	Horizontal	Pass
6	15961.687	54.99	0.16	74.0	19.01	Peak	206.00	150	Horizontal	Pass
6**	15961.687	50.83	0.16	54.0	3.17	AV	206.00	150	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	1598.500	39.21	-17.32	74.0	34.79	Peak	359.00	200	Vertical	Pass
1**	1598.500	29.11	-17.32	54.0	24.89	AV	359.00	200	Vertical	Pass
2	4387.600	49.99	-3.37	74.0	24.01	Peak	127.00	400	Vertical	Pass
2**	4387.600	42.17	-3.37	54.0	11.83	AV	127.00	400	Vertical	Pass
3	5321.600	94.22	-2.21	--	--	Peak	325.00	200	Vertical	N/A
3**	5321.600	87.25	-2.21	--	--	AV	325.00	200	Vertical	N/A
4	7346.438	49.74	-3.56	74.0	24.26	Peak	39.00	200	Vertical	Pass
4**	7346.438	40.42	-3.56	54.0	13.58	AV	39.00	200	Vertical	Pass
5	10931.276	53.13	0.06	74.0	20.87	Peak	236.00	200	Vertical	Pass
5**	10931.276	43.06	0.06	54.0	10.94	AV	236.00	200	Vertical	Pass
6	16109.213	56.00	0.80	74.0	18.00	Peak	299.00	100	Vertical	Pass
6**	16109.213	46.13	0.80	54.0	7.87	AV	299.00	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	1523.800	39.44	-17.37	74.0	34.56	Peak	45.00	400	Horizontal	Pass
1**	1523.800	29.81	-17.37	54.0	24.19	AV	45.00	400	Horizontal	Pass
2	4389.800	50.61	-3.33	74.0	23.39	Peak	216.00	400	Horizontal	Pass
2**	4389.800	42.06	-3.33	54.0	11.94	AV	216.00	400	Horizontal	Pass
3	5259.200	101.02	-1.76	--	--	Peak	149.00	200	Horizontal	N/A
3**	5259.200	94.38	-1.76	--	--	AV	149.00	200	Horizontal	N/A
4	7618.125	49.29	-2.74	74.0	24.71	Peak	102.00	200	Horizontal	Pass
4**	7618.125	40.54	-2.74	54.0	13.46	AV	102.00	200	Horizontal	Pass
5	15779.250	57.61	1.50	74.0	16.39	Peak	195.00	100	Horizontal	Pass
5**	15779.250	48.50	1.50	54.0	5.50	AV	195.00	100	Horizontal	Pass
6	15779.775	55.91	1.53	74.0	18.09	Peak	195.00	150	Horizontal	Pass
6**	15779.775	50.71	1.53	54.0	3.29	AV	195.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.300	39.22	-17.29	74.0	34.78	Peak	0.00	100	Vertical	Pass
1**	1598.300	29.79	-17.29	54.0	24.21	AV	0.00	100	Vertical	Pass
2	4377.800	51.01	-3.48	74.0	22.99	Peak	283.00	200	Vertical	Pass
2**	4377.800	42.28	-3.48	54.0	11.72	AV	283.00	200	Vertical	Pass
3	5258.600	96.67	-1.77	--	--	Peak	314.00	100	Vertical	N/A
3**	5258.600	89.68	-1.77	--	--	AV	314.00	100	Vertical	N/A
4	7339.825	49.43	-2.95	74.0	24.57	Peak	0.00	100	Vertical	Pass
4**	7339.825	40.80	-2.95	54.0	13.20	AV	0.00	100	Vertical	Pass
5	12330.250	52.99	1.41	74.0	21.01	Peak	86.00	150	Vertical	Pass
5**	12330.250	43.74	1.41	54.0	10.26	AV	86.00	150	Vertical	Pass
6	16069.313	55.93	1.31	74.0	18.07	Peak	257.00	400	Vertical	Pass
6**	16069.313	46.68	1.31	54.0	7.32	AV	257.00	400	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	1483.800	38.73	-16.89	74.0	35.27	Peak	360.00	400	Horizontal	Pass
1**	1483.800	29.75	-16.89	54.0	24.25	AV	360.00	400	Horizontal	Pass
2	4387.000	51.09	-3.33	74.0	22.91	Peak	41.00	400	Horizontal	Pass
2**	4387.000	41.02	-3.33	54.0	12.98	AV	41.00	400	Horizontal	Pass
3	5298.400	98.81	-2.87	--	--	Peak	149.00	150	Horizontal	N/A
3**	5298.400	90.75	-2.87	--	--	AV	149.00	150	Horizontal	N/A
4	7420.038	49.73	-3.36	74.0	24.27	Peak	194.00	200	Horizontal	Pass
4**	7420.038	39.67	-3.36	54.0	14.33	AV	194.00	200	Horizontal	Pass
5	11931.487	52.95	1.60	74.0	21.05	Peak	172.00	150	Horizontal	Pass
5**	11931.487	43.43	1.60	54.0	10.57	AV	172.00	150	Horizontal	Pass
6	15902.888	54.80	0.31	74.0	19.20	Peak	187.00	150	Horizontal	Pass
6**	15902.888	50.68	0.31	54.0	3.32	AV	187.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.100	39.21	-16.76	74.0	34.79	Peak	354.00	200	Vertical	Pass
1**	1489.100	29.71	-16.76	54.0	24.29	AV	354.00	200	Vertical	Pass
2	4389.000	50.39	-3.37	74.0	23.61	Peak	260.00	100	Vertical	Pass
2**	4389.000	41.42	-3.37	54.0	12.58	AV	260.00	100	Vertical	Pass
3	5301.600	93.30	-2.77	--	--	Peak	325.00	150	Vertical	N/A
3**	5301.600	85.95	-2.77	--	--	AV	325.00	150	Vertical	N/A
4	7345.000	49.68	-3.49	74.0	24.32	Peak	159.00	200	Vertical	Pass
4**	7345.000	40.39	-3.49	54.0	13.61	AV	159.00	200	Vertical	Pass
5	12334.562	53.78	1.35	74.0	20.22	Peak	360.00	200	Vertical	Pass
5**	12334.562	43.45	1.35	54.0	10.55	AV	360.00	200	Vertical	Pass
6	15813.375	56.02	2.09	74.0	17.98	Peak	86.00	300	Vertical	Pass
6**	15813.375	46.16	2.09	54.0	7.84	AV	86.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.000	39.23	-17.17	74.0	34.77	Peak	74.00	300	Horizontal	Pass
1**	1480.000	29.17	-17.17	54.0	24.83	AV	74.00	300	Horizontal	Pass
2	4387.200	51.09	-3.34	74.0	22.91	Peak	308.00	100	Horizontal	Pass
2**	4387.200	42.24	-3.34	54.0	11.76	AV	308.00	100	Horizontal	Pass
3	5321.000	100.64	-2.34	--	--	Peak	151.00	150	Horizontal	N/A
3**	5321.000	92.66	-2.34	--	--	AV	151.00	150	Horizontal	N/A
4	7725.362	49.73	-2.45	74.0	24.27	Peak	151.00	300	Horizontal	Pass
4**	7725.362	40.83	-2.45	54.0	13.17	AV	151.00	300	Horizontal	Pass
5	15951.974	59.16	-0.09	74.0	14.84	Peak	193.00	300	Horizontal	Pass
5**	15951.974	47.36	-0.09	54.0	6.64	AV	193.00	300	Horizontal	Pass
6	15955.912	57.18	0.04	74.0	16.82	Peak	193.00	150	Horizontal	Pass
6**	15955.912	50.95	0.04	54.0	3.05	AV	193.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.000	39.55	-17.17	74.0	34.45	Peak	311.00	100	Vertical	Pass
1**	1534.000	33.13	-17.17	54.0	20.87	AV	311.00	100	Vertical	Pass
2	4388.400	51.48	-3.40	74.0	22.52	Peak	237.00	400	Vertical	Pass
2**	4388.400	42.11	-3.40	54.0	11.89	AV	237.00	400	Vertical	Pass
3	5318.800	95.31	-2.36	--	--	Peak	323.00	150	Vertical	N/A
3**	5318.800	87.59	-2.36	--	--	AV	323.00	150	Vertical	N/A
4	7451.375	50.99	-3.18	74.0	23.01	Peak	181.00	100	Vertical	Pass
4**	7451.375	40.98	-3.18	54.0	13.02	AV	181.00	100	Vertical	Pass
5	11334.350	53.50	0.37	74.0	20.50	Peak	249.00	100	Vertical	Pass
5**	11334.350	43.49	0.37	54.0	10.51	AV	249.00	100	Vertical	Pass
6	15967.988	56.23	0.34	74.0	17.77	Peak	48.00	400	Vertical	Pass
6**	15967.988	48.01	0.34	54.0	5.99	AV	48.00	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	1484.700	39.12	-16.77	74.0	34.88	Peak	144.00	400	Horizontal	Pass
1**	1484.700	30.00	-16.77	54.0	24.00	AV	144.00	400	Horizontal	Pass
2	4377.200	49.93	-3.65	74.0	24.07	Peak	309.00	400	Horizontal	Pass
2**	4377.200	41.32	-3.65	54.0	12.68	AV	309.00	400	Horizontal	Pass
3	5271.200	98.14	-2.56	--	--	Peak	154.00	200	Horizontal	N/A
3**	5271.200	90.48	-2.56	--	--	AV	154.00	200	Horizontal	N/A
4	11514.613	53.63	-0.32	74.0	20.37	Peak	150.00	100	Horizontal	Pass
4**	11514.613	43.31	-0.32	54.0	10.69	AV	150.00	100	Horizontal	Pass
5	15810.487	57.88	2.15	74.0	16.12	Peak	218.00	400	Horizontal	Pass
5**	15810.487	49.31	2.15	54.0	4.69	AV	218.00	400	Horizontal	Pass
6	15818.100	56.04	1.95	74.0	17.96	Peak	194.00	150	Horizontal	Pass
6**	15818.100	50.69	1.95	54.0	3.31	AV	194.00	150	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	1489.900	38.64	-16.72	74.0	35.36	Peak	195.00	200	Vertical	Pass
1**	1489.900	30.00	-16.72	54.0	24.00	AV	195.00	200	Vertical	Pass
2	4383.400	49.76	-3.64	74.0	24.24	Peak	272.00	200	Vertical	Pass
2**	4383.400	40.95	-3.64	54.0	13.05	AV	272.00	200	Vertical	Pass
3	5268.000	93.04	-2.65	--	--	Peak	318.00	150	Vertical	N/A
3**	5268.000	85.59	-2.65	--	--	AV	318.00	150	Vertical	N/A
4	7440.737	50.02	-3.47	74.0	23.98	Peak	316.00	100	Vertical	Pass
4**	7440.737	40.55	-3.47	54.0	13.45	AV	316.00	100	Vertical	Pass
5	11933.787	52.93	1.66	74.0	21.07	Peak	360.00	150	Vertical	Pass
5**	11933.787	43.05	1.66	54.0	10.95	AV	360.00	150	Vertical	Pass
6	15805.763	56.53	2.25	74.0	17.47	Peak	36.00	200	Vertical	Pass
6**	15805.763	47.63	2.25	54.0	6.37	AV	36.00	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	1478.500	38.94	-17.19	74.0	35.06	Peak	0.00	300	Horizontal	Pass
1**	1478.500	29.61	-17.19	54.0	24.39	AV	0.00	300	Horizontal	Pass
2	4388.000	50.71	-3.39	74.0	23.29	Peak	204.00	100	Horizontal	Pass
2**	4388.000	41.33	-3.39	54.0	12.67	AV	204.00	100	Horizontal	Pass
3	5311.400	97.83	-2.35	--	--	Peak	145.00	150	Horizontal	N/A
3**	5311.400	90.43	-2.35	--	--	AV	145.00	150	Horizontal	N/A
4	7336.950	50.23	-3.01	74.0	23.77	Peak	360.00	300	Horizontal	Pass
4**	7336.950	41.28	-3.01	54.0	12.72	AV	360.00	300	Horizontal	Pass
5	12370.500	53.15	1.27	74.0	20.85	Peak	14.00	150	Horizontal	Pass
5**	12370.500	44.29	1.27	54.0	9.71	AV	14.00	150	Horizontal	Pass
6	15919.688	52.37	0.04	74.0	21.63	Peak	209.00	150	Horizontal	Pass
6**	15919.688	49.99	0.04	54.0	4.01	AV	209.00	150	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	1587.600	39.27	-17.04	74.0	34.73	Peak	206.00	400	Vertical	Pass
1**	1587.600	29.87	-17.04	54.0	24.13	AV	206.00	400	Vertical	Pass
2	4377.800	50.96	-3.48	74.0	23.04	Peak	309.00	400	Vertical	Pass
2**	4377.800	41.86	-3.48	54.0	12.14	AV	309.00	400	Vertical	Pass
3	5311.800	92.90	-2.35	--	--	Peak	321.00	100	Vertical	N/A
3**	5311.800	85.74	-2.35	--	--	AV	321.00	100	Vertical	N/A
4	7342.413	50.25	-3.23	74.0	23.75	Peak	51.00	400	Vertical	Pass
4**	7342.413	40.84	-3.23	54.0	13.16	AV	51.00	400	Vertical	Pass
5	12280.513	52.74	1.80	74.0	21.26	Peak	360.00	150	Vertical	Pass
5**	12280.513	44.17	1.80	54.0	9.83	AV	360.00	150	Vertical	Pass
6	15836.213	55.76	1.45	74.0	18.24	Peak	321.00	100	Vertical	Pass
6**	15836.213	47.22	1.45	54.0	6.78	AV	321.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1576.400	39.08	-17.33	74.0	34.92	Peak	224.00	200	Horizontal	Pass
1**	1576.400	29.89	-17.33	54.0	24.11	AV	224.00	200	Horizontal	Pass
2	4393.600	50.75	-3.73	74.0	23.25	Peak	282.00	200	Horizontal	Pass
2**	4393.600	41.72	-3.73	54.0	12.28	AV	282.00	200	Horizontal	Pass
3	5257.600	101.20	-1.77	--	--	Peak	143.00	100	Horizontal	N/A
3**	5257.600	94.37	-1.77	--	--	AV	143.00	100	Horizontal	N/A
4	7336.088	50.56	-3.18	74.0	23.44	Peak	201.00	400	Horizontal	Pass
4**	7336.088	41.33	-3.18	54.0	12.67	AV	201.00	400	Horizontal	Pass
5	12511.662	53.27	1.58	74.0	20.73	Peak	360.00	100	Horizontal	Pass
5**	12511.662	43.19	1.58	54.0	10.81	AV	360.00	100	Horizontal	Pass
6	15779.512	57.39	1.52	74.0	16.61	Peak	192.00	150	Horizontal	Pass
6**	15779.512	50.45	1.52	54.0	3.55	AV	192.00	150	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	1454.800	38.97	-17.17	74.0	35.03	Peak	345.00	100	Vertical	Pass
1**	1454.800	29.16	-17.17	54.0	24.84	AV	345.00	100	Vertical	Pass
2	4381.600	50.29	-3.59	74.0	23.71	Peak	327.00	300	Vertical	Pass
2**	4381.600	41.74	-3.59	54.0	12.26	AV	327.00	300	Vertical	Pass
3	5258.200	96.76	-1.77	--	--	Peak	316.00	200	Vertical	N/A
3**	5258.200	87.97	-1.77	--	--	AV	316.00	200	Vertical	N/A
4	7339.537	49.96	-2.93	74.0	24.04	Peak	52.00	100	Vertical	Pass
4**	7339.537	41.02	-2.93	54.0	12.98	AV	52.00	100	Vertical	Pass
5	12348.075	53.56	1.25	74.0	20.44	Peak	360.00	150	Vertical	Pass
5**	12348.075	43.64	1.25	54.0	10.36	AV	360.00	150	Vertical	Pass
6	15780.563	54.88	1.57	74.0	19.12	Peak	127.00	150	Vertical	Pass
6**	15780.563	48.78	1.57	54.0	5.22	AV	127.00	150	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	1534.300	41.82	-17.17	74.0	32.18	Peak	111.00	200	Horizontal	Pass
1**	1534.300	33.79	-17.17	54.0	20.21	AV	111.00	200	Horizontal	Pass
2	4391.000	50.38	-3.38	74.0	23.62	Peak	244.00	100	Horizontal	Pass
2**	4391.000	41.77	-3.38	54.0	12.23	AV	244.00	100	Horizontal	Pass
3	5302.600	98.68	-2.72	--	--	Peak	137.00	200	Horizontal	N/A
3**	5302.600	91.07	-2.72	--	--	AV	137.00	200	Horizontal	N/A
4	12280.225	53.16	1.80	74.0	20.84	Peak	325.00	200	Horizontal	Pass
4**	12280.225	44.24	1.80	54.0	9.76	AV	325.00	200	Horizontal	Pass
5	15896.063	58.18	0.22	74.0	15.82	Peak	190.00	200	Horizontal	Pass
5**	15896.063	47.09	0.22	54.0	6.91	AV	190.00	200	Horizontal	Pass
6	15896.588	54.97	0.23	74.0	19.03	Peak	212.00	150	Horizontal	Pass
6**	15896.588	50.04	0.23	54.0	3.96	AV	212.00	150	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	1584.100	39.28	-17.02	74.0	34.72	Peak	0.00	200	Vertical	Pass
1**	1584.100	29.63	-17.02	54.0	24.37	AV	0.00	200	Vertical	Pass
2	4391.600	49.75	-3.45	74.0	24.25	Peak	349.00	100	Vertical	Pass
2**	4391.600	40.91	-3.45	54.0	13.09	AV	349.00	100	Vertical	Pass
3	5301.600	93.60	-2.77	--	--	Peak	312.00	200	Vertical	N/A
3**	5301.600	86.70	-2.77	--	--	AV	312.00	200	Vertical	N/A
4	7632.212	49.46	-2.91	74.0	24.54	Peak	0.00	400	Vertical	Pass
4**	7632.212	40.70	-2.91	54.0	13.30	AV	0.00	400	Vertical	Pass
5	12398.675	53.89	1.58	74.0	20.11	Peak	148.00	100	Vertical	Pass
5**	12398.675	44.20	1.58	54.0	9.80	AV	148.00	100	Vertical	Pass
6	16024.162	55.58	0.65	74.0	18.42	Peak	278.00	200	Vertical	Pass
6**	16024.162	46.89	0.65	54.0	7.11	AV	278.00	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	1501.300	39.11	-16.93	74.0	34.89	Peak	73.00	400	Horizontal	Pass
1**	1501.300	30.04	-16.93	54.0	23.96	AV	73.00	400	Horizontal	Pass
2	4200.000	50.59	-4.52	74.0	23.41	Peak	360.00	200	Horizontal	Pass
2**	4200.000	40.16	-4.52	54.0	13.84	AV	360.00	200	Horizontal	Pass
3	5318.600	100.49	-2.39	--	--	Peak	153.00	200	Horizontal	N/A
3**	5318.600	93.11	-2.39	--	--	AV	153.00	200	Horizontal	N/A
4	7326.888	49.72	-3.40	74.0	24.28	Peak	33.00	200	Horizontal	Pass
4**	7326.888	40.97	-3.40	54.0	13.03	AV	33.00	200	Horizontal	Pass
5	12408.162	53.27	1.46	74.0	20.73	Peak	51.00	100	Horizontal	Pass
5**	12408.162	43.75	1.46	54.0	10.25	AV	51.00	100	Horizontal	Pass
6	15958.799	55.56	0.10	74.0	18.44	Peak	205.00	150	Horizontal	Pass
6**	15958.799	51.00	0.10	54.0	3.00	AV	205.00	150	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	1534.900	39.53	-17.11	74.0	34.47	Peak	0.00	100	Vertical	Pass
1**	1534.900	29.35	-17.11	54.0	24.65	AV	0.00	100	Vertical	Pass
2	4377.600	50.27	-3.51	74.0	23.73	Peak	168.00	100	Vertical	Pass
2**	4377.600	41.35	-3.51	54.0	12.65	AV	168.00	100	Vertical	Pass
3	5318.600	94.56	-2.39	--	--	Peak	311.00	150	Vertical	N/A
3**	5318.600	87.06	-2.39	--	--	AV	311.00	150	Vertical	N/A
4	7339.537	50.55	-2.93	74.0	23.45	Peak	360.00	100	Vertical	Pass
4**	7339.537	41.52	-2.93	54.0	12.48	AV	360.00	100	Vertical	Pass
5	12271.600	52.98	1.50	74.0	21.02	Peak	215.00	150	Vertical	Pass
5**	12271.600	44.17	1.50	54.0	9.83	AV	215.00	150	Vertical	Pass
6	15841.724	56.87	1.42	74.0	17.13	Peak	9.00	200	Vertical	Pass
6**	15841.724	46.46	1.42	54.0	7.54	AV	9.00	200	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	1623.700	39.11	-17.06	74.0	34.89	Peak	54.00	300	Horizontal	Pass
1**	1623.700	30.29	-17.06	54.0	23.71	AV	54.00	300	Horizontal	Pass
2	4390.400	50.27	-3.30	74.0	23.73	Peak	206.00	100	Horizontal	Pass
2**	4390.400	41.85	-3.30	54.0	12.15	AV	206.00	100	Horizontal	Pass
3	5272.200	98.36	-2.68	--	--	Peak	137.00	100	Horizontal	N/A
3**	5272.200	90.64	-2.68	--	--	AV	137.00	100	Horizontal	N/A
4	11966.276	52.98	0.84	74.0	21.02	Peak	158.00	100	Horizontal	Pass
4**	11966.276	43.68	0.84	54.0	10.32	AV	158.00	100	Horizontal	Pass
5	15797.625	58.52	2.26	74.0	15.48	Peak	193.00	400	Horizontal	Pass
5**	15797.625	49.34	2.26	54.0	4.66	AV	193.00	400	Horizontal	Pass
6	15806.812	55.85	2.23	74.0	18.15	Peak	193.00	150	Horizontal	Pass
6**	15806.812	50.39	2.23	54.0	3.61	AV	193.00	150	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	1597.200	38.95	-17.17	74.0	35.05	Peak	58.00	300	Vertical	Pass
1**	1597.200	29.82	-17.17	54.0	24.18	AV	58.00	300	Vertical	Pass
2	4380.600	50.59	-3.42	74.0	23.41	Peak	74.00	400	Vertical	Pass
2**	4380.600	41.34	-3.42	54.0	12.66	AV	74.00	400	Vertical	Pass
3	5266.800	94.42	-2.63	--	--	Peak	312.00	200	Vertical	N/A
3**	5266.800	85.49	-2.63	--	--	AV	312.00	200	Vertical	N/A
4	7318.837	49.65	-3.00	74.0	24.35	Peak	0.00	100	Vertical	Pass
4**	7318.837	40.61	-3.00	54.0	13.39	AV	0.00	100	Vertical	Pass
5	12298.625	53.57	1.50	74.0	20.43	Peak	260.00	200	Vertical	Pass
5**	12298.625	43.99	1.50	54.0	10.01	AV	260.00	200	Vertical	Pass
6	15813.112	55.11	2.10	74.0	18.89	Peak	115.00	150	Vertical	Pass
6**	15813.112	49.42	2.10	54.0	4.58	AV	115.00	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	1623.100	39.22	-16.99	74.0	34.78	Peak	199.00	200	Horizontal	Pass
1**	1623.100	29.98	-16.99	54.0	24.02	AV	199.00	200	Horizontal	Pass
2	4387.400	50.18	-3.35	74.0	23.82	Peak	81.00	400	Horizontal	Pass
2**	4387.400	41.99	-3.35	54.0	12.01	AV	81.00	400	Horizontal	Pass
3	5312.000	97.96	-2.34	--	--	Peak	146.00	200	Horizontal	N/A
3**	5312.000	90.36	-2.34	--	--	AV	146.00	200	Horizontal	N/A
4	7334.650	49.56	-3.21	74.0	24.44	Peak	360.00	100	Horizontal	Pass
4**	7334.650	41.18	-3.21	54.0	12.82	AV	360.00	100	Horizontal	Pass
5	12600.500	53.47	1.90	74.0	20.53	Peak	320.00	200	Horizontal	Pass
5**	12600.500	43.66	1.90	54.0	10.34	AV	320.00	200	Horizontal	Pass
6	15918.638	52.83	0.07	74.0	21.17	Peak	46.00	150	Horizontal	Pass
6**	15918.638	49.08	0.07	54.0	4.92	AV	46.00	150	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	1584.300	39.03	-16.98	74.0	34.97	Peak	105.00	200	Vertical	Pass
1**	1584.300	29.91	-16.98	54.0	24.09	AV	105.00	200	Vertical	Pass
2	4387.000	50.38	-3.33	74.0	23.62	Peak	291.00	100	Vertical	Pass
2**	4387.000	42.09	-3.33	54.0	11.91	AV	291.00	100	Vertical	Pass
3	5306.800	92.75	-2.47	--	--	Peak	314.00	150	Vertical	N/A
3**	5306.800	85.16	-2.47	--	--	AV	314.00	150	Vertical	N/A
4	7336.088	50.15	-3.18	74.0	23.85	Peak	17.00	300	Vertical	Pass
4**	7336.088	40.50	-3.18	54.0	13.50	AV	17.00	300	Vertical	Pass
5	12278.213	54.08	1.74	74.0	19.92	Peak	216.00	150	Vertical	Pass
5**	12278.213	43.75	1.74	54.0	10.25	AV	216.00	150	Vertical	Pass
6	15807.337	56.14	2.22	74.0	17.86	Peak	201.00	400	Vertical	Pass
6**	15807.337	46.06	2.22	54.0	7.94	AV	201.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.300	39.07	-16.75	74.0	34.93	Peak	181.00	300	Horizontal	Pass
1**	1490.300	29.56	-16.75	54.0	24.44	AV	181.00	300	Horizontal	Pass
2	4390.400	50.58	-3.30	74.0	23.42	Peak	63.00	100	Horizontal	Pass
2**	4390.400	41.42	-3.30	54.0	12.58	AV	63.00	100	Horizontal	Pass
3	5282.800	95.54	-2.58	--	--	Peak	146.00	200	Horizontal	N/A
3**	5282.800	87.22	-2.58	--	--	AV	146.00	200	Horizontal	N/A
4	12324.787	53.60	1.42	74.0	20.40	Peak	360.00	100	Horizontal	Pass
4**	12324.787	43.82	1.42	54.0	10.18	AV	360.00	100	Horizontal	Pass
5	15842.513	54.53	1.41	74.0	19.47	Peak	201.00	150	Horizontal	Pass
5**	15842.513	50.64	1.41	54.0	3.36	AV	201.00	150	Horizontal	Pass
6	15849.862	57.89	1.33	74.0	16.11	Peak	201.00	400	Horizontal	Pass
6**	15849.862	48.75	1.33	54.0	5.25	AV	201.00	400	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	1531.800	39.55	-17.19	74.0	34.45	Peak	209.00	100	Vertical	Pass
1**	1531.800	29.74	-17.19	54.0	24.26	AV	209.00	100	Vertical	Pass
2	4284.000	50.27	-4.19	74.0	23.73	Peak	22.00	100	Vertical	Pass
2**	4284.000	40.91	-4.19	54.0	13.09	AV	22.00	100	Vertical	Pass
3	5293.800	90.33	-2.33	--	--	Peak	322.00	150	Vertical	N/A
3**	5293.800	83.37	-2.33	--	--	AV	322.00	150	Vertical	N/A
4	7320.850	50.10	-3.12	74.0	23.90	Peak	231.00	300	Vertical	Pass
4**	7320.850	41.26	-3.12	54.0	12.74	AV	231.00	300	Vertical	Pass
5	12269.300	53.13	1.43	74.0	20.87	Peak	360.00	200	Vertical	Pass
5**	12269.300	43.68	1.43	54.0	10.32	AV	360.00	200	Vertical	Pass
6	15844.612	56.41	1.37	74.0	17.59	Peak	187.00	300	Vertical	Pass
6**	15844.612	47.58	1.37	54.0	6.42	AV	187.00	300	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	1534.000	40.17	-17.17	74.0	33.83	Peak	196.00	100	Horizontal	Pass
1**	1534.000	31.77	-17.17	54.0	22.23	AV	196.00	100	Horizontal	Pass
2	4381.000	50.35	-3.49	74.0	23.65	Peak	306.00	200	Horizontal	Pass
2**	4381.000	41.50	-3.49	54.0	12.50	AV	306.00	200	Horizontal	Pass
3	5498.800	102.70	-1.67	--	--	Peak	152.00	150	Horizontal	N/A
3**	5498.800	94.54	-1.67	--	--	AV	152.00	150	Horizontal	N/A
4	7324.013	50.51	-3.41	74.0	23.49	Peak	175.00	400	Horizontal	Pass
4**	7324.013	41.42	-3.41	54.0	12.58	AV	175.00	400	Horizontal	Pass
5	12611.138	53.12	1.89	74.0	20.88	Peak	359.00	200	Horizontal	Pass
5**	12611.138	44.08	1.89	54.0	9.92	AV	359.00	200	Horizontal	Pass
6	15809.700	56.00	2.17	74.0	18.00	Peak	70.00	200	Horizontal	Pass
6**	15809.700	46.72	2.17	54.0	7.28	AV	70.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.300	39.26	-16.80	74.0	34.74	Peak	0.00	400	Vertical	Pass
1**	1488.300	29.51	-16.80	54.0	24.49	AV	0.00	400	Vertical	Pass
2	4386.400	50.00	-3.29	74.0	24.00	Peak	115.00	300	Vertical	Pass
2**	4386.400	41.42	-3.29	54.0	12.58	AV	115.00	300	Vertical	Pass
3	5501.000	95.79	-1.50	--	--	Peak	48.00	200	Vertical	N/A
3**	5501.000	89.38	-1.50	--	--	AV	48.00	200	Vertical	N/A
4	7392.150	49.89	-3.84	74.0	24.11	Peak	155.00	300	Vertical	Pass
4**	7392.150	40.79	-3.84	54.0	13.21	AV	155.00	300	Vertical	Pass
5	12412.474	52.86	1.43	74.0	21.14	Peak	224.00	200	Vertical	Pass
5**	12412.474	43.66	1.43	54.0	10.34	AV	224.00	200	Vertical	Pass
6	15811.537	52.91	2.13	74.0	21.09	Peak	144.00	150	Vertical	Pass
6**	15811.537	49.01	2.13	54.0	4.99	AV	144.00	150	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	1460.400	38.92	-17.11	74.0	35.08	Peak	0.00	400	Horizontal	Pass
1**	1460.400	29.20	-17.11	54.0	24.80	AV	0.00	400	Horizontal	Pass
2	4386.600	50.38	-3.30	74.0	23.62	Peak	186.00	200	Horizontal	Pass
2**	4386.600	42.91	-3.30	54.0	11.09	AV	186.00	200	Horizontal	Pass
3	5581.400	104.65	-1.71	--	--	Peak	151.00	100	Horizontal	N/A
3**	5581.400	97.00	-1.71	--	--	AV	151.00	100	Horizontal	N/A
4	7335.800	49.39	-3.23	74.0	24.61	Peak	21.00	100	Horizontal	Pass
4**	7335.800	40.73	-3.23	54.0	13.27	AV	21.00	100	Horizontal	Pass
5	12346.063	53.59	1.27	74.0	20.41	Peak	248.00	200	Horizontal	Pass
5**	12346.063	43.64	1.27	54.0	10.36	AV	248.00	200	Horizontal	Pass
6	16089.787	56.05	1.44	74.0	17.95	Peak	3.00	300	Horizontal	Pass
6**	16089.787	46.83	1.44	54.0	7.17	AV	3.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.000	38.93	-16.86	74.0	35.07	Peak	118.00	200	Vertical	Pass
1**	1622.000	30.04	-16.86	54.0	23.96	AV	118.00	200	Vertical	Pass
2	4385.600	50.33	-3.36	74.0	23.67	Peak	256.00	300	Vertical	Pass
2**	4385.600	41.68	-3.36	54.0	12.32	AV	256.00	300	Vertical	Pass
3	5579.000	99.41	-1.62	--	--	Peak	330.00	200	Vertical	N/A
3**	5579.000	92.18	-1.62	--	--	AV	330.00	200	Vertical	N/A
4	7434.413	50.16	-3.41	74.0	23.84	Peak	0.00	100	Vertical	Pass
4**	7434.413	39.89	-3.41	54.0	14.11	AV	0.00	100	Vertical	Pass
5	12229.913	54.24	1.30	74.0	19.76	Peak	347.00	150	Vertical	Pass
5**	12229.913	44.45	1.30	54.0	9.55	AV	347.00	150	Vertical	Pass
6	16146.487	55.80	1.02	74.0	18.20	Peak	148.00	200	Vertical	Pass
6**	16146.487	46.21	1.02	54.0	7.79	AV	148.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.800	39.03	-16.99	74.0	34.97	Peak	195.00	100	Horizontal	Pass
1**	1482.800	29.96	-16.99	54.0	24.04	AV	195.00	100	Horizontal	Pass
2	4382.800	50.48	-3.64	74.0	23.52	Peak	0.00	100	Horizontal	Pass
2**	4382.800	41.49	-3.64	54.0	12.51	AV	0.00	100	Horizontal	Pass
3	5701.000	100.40	-1.44	--	--	Peak	168.00	200	Horizontal	N/A
3**	5701.000	93.15	-1.44	--	--	AV	168.00	200	Horizontal	N/A
4	7275.138	50.38	-2.95	74.0	23.62	Peak	102.00	200	Horizontal	Pass
4**	7275.138	39.53	-2.95	54.0	14.47	AV	102.00	200	Horizontal	Pass
5	12290.000	53.82	1.66	74.0	20.18	Peak	316.00	200	Horizontal	Pass
5**	12290.000	43.67	1.66	54.0	10.33	AV	316.00	200	Horizontal	Pass
6	15827.812	56.41	1.56	74.0	17.59	Peak	327.00	300	Horizontal	Pass
6**	15827.812	45.79	1.56	54.0	8.21	AV	327.00	300	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	1510.200	38.84	-17.19	74.0	35.16	Peak	148.00	400	Vertical	Pass
1**	1510.200	30.19	-17.19	54.0	23.81	AV	148.00	400	Vertical	Pass
2	4380.600	50.32	-3.42	74.0	23.68	Peak	81.00	300	Vertical	Pass
2**	4380.600	41.24	-3.42	54.0	12.76	AV	81.00	300	Vertical	Pass
3	5699.000	97.89	-0.98	--	--	Peak	207.00	100	Vertical	N/A
3**	5699.000	90.54	-0.98	--	--	AV	207.00	100	Vertical	N/A
4	7675.625	49.87	-2.51	74.0	24.13	Peak	260.00	300	Vertical	Pass
4**	7675.625	40.65	-2.51	54.0	13.35	AV	260.00	300	Vertical	Pass
5	12300.349	53.80	1.47	74.0	20.20	Peak	16.00	150	Vertical	Pass
5**	12300.349	43.74	1.47	54.0	10.26	AV	16.00	150	Vertical	Pass
6	15810.224	55.95	2.16	74.0	18.05	Peak	81.00	100	Vertical	Pass
6**	15810.224	46.95	2.16	54.0	7.05	AV	81.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.700	39.64	-16.96	74.0	34.36	Peak	215.00	300	Horizontal	Pass
1**	1540.700	29.95	-16.96	54.0	24.05	AV	215.00	300	Horizontal	Pass
2	4378.400	51.05	-3.42	74.0	22.95	Peak	191.00	300	Horizontal	Pass
2**	4378.400	42.05	-3.42	54.0	11.95	AV	191.00	300	Horizontal	Pass
3	5502.800	103.06	-1.37	--	--	Peak	157.00	150	Horizontal	N/A
3**	5502.800	95.08	-1.37	--	--	AV	157.00	150	Horizontal	N/A
4	7400.487	50.27	-3.99	74.0	23.73	Peak	360.00	200	Horizontal	Pass
4**	7400.487	40.29	-3.99	54.0	13.71	AV	360.00	200	Horizontal	Pass
5	12603.662	53.11	1.91	74.0	20.89	Peak	240.00	150	Horizontal	Pass
5**	12603.662	44.19	1.91	54.0	9.81	AV	240.00	150	Horizontal	Pass
6	15474.487	56.29	1.16	74.0	17.71	Peak	264.00	400	Horizontal	Pass
6**	15474.487	45.62	1.16	54.0	8.38	AV	264.00	400	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	1589.300	39.67	-17.17	74.0	34.33	Peak	159.00	100	Vertical	Pass
1**	1589.300	30.26	-17.17	54.0	23.74	AV	159.00	100	Vertical	Pass
2	4382.600	50.49	-3.64	74.0	23.51	Peak	36.00	300	Vertical	Pass
2**	4382.600	41.36	-3.64	54.0	12.64	AV	36.00	300	Vertical	Pass
3	5503.000	96.52	-1.36	--	--	Peak	46.00	200	Vertical	N/A
3**	5503.000	90.14	-1.36	--	--	AV	46.00	200	Vertical	N/A
4	7366.275	49.95	-3.53	74.0	24.05	Peak	136.00	200	Vertical	Pass
4**	7366.275	41.51	-3.53	54.0	12.49	AV	136.00	200	Vertical	Pass
5	10937.600	53.31	-0.04	74.0	20.69	Peak	274.00	100	Vertical	Pass
5**	10937.600	43.30	-0.04	54.0	10.70	AV	274.00	100	Vertical	Pass
6	16144.388	55.71	1.04	74.0	18.29	Peak	0.00	300	Vertical	Pass
6**	16144.388	46.18	1.04	54.0	7.82	AV	0.00	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	1558.300	39.15	-16.99	74.0	34.85	Peak	79.00	400	Horizontal	Pass
1**	1558.300	29.39	-16.99	54.0	24.61	AV	79.00	400	Horizontal	Pass
2	4380.200	50.74	-3.35	74.0	23.26	Peak	326.00	100	Horizontal	Pass
2**	4380.200	42.52	-3.35	54.0	11.48	AV	326.00	100	Horizontal	Pass
3	5578.400	104.12	-1.60	--	--	Peak	167.00	100	Horizontal	N/A
3**	5578.400	97.95	-1.60	--	--	AV	167.00	100	Horizontal	N/A
4	7339.825	50.11	-2.95	74.0	23.89	Peak	360.00	100	Horizontal	Pass
4**	7339.825	41.72	-2.95	54.0	12.28	AV	360.00	100	Horizontal	Pass
5	11519.787	52.98	-0.42	74.0	21.02	Peak	92.00	150	Horizontal	Pass
5**	11519.787	43.44	-0.42	54.0	10.56	AV	92.00	150	Horizontal	Pass
6	15525.675	56.12	1.35	74.0	17.88	Peak	115.00	300	Horizontal	Pass
6**	15525.675	46.26	1.35	54.0	7.74	AV	115.00	300	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	1457.600	38.79	-17.00	74.0	35.21	Peak	190.00	300	Vertical	Pass
1**	1457.600	29.77	-17.00	54.0	24.23	AV	190.00	300	Vertical	Pass
2	4383.000	50.60	-3.64	74.0	23.40	Peak	258.00	100	Vertical	Pass
2**	4383.000	42.10	-3.64	54.0	11.90	AV	258.00	100	Vertical	Pass
3	5581.200	98.81	-1.70	--	--	Peak	45.00	100	Vertical	N/A
3**	5581.200	91.57	-1.70	--	--	AV	45.00	100	Vertical	N/A
4	7693.737	49.46	-2.74	74.0	24.54	Peak	360.00	100	Vertical	Pass
4**	7693.737	39.47	-2.74	54.0	14.53	AV	360.00	100	Vertical	Pass
5	11941.550	53.31	1.64	74.0	20.69	Peak	237.00	150	Vertical	Pass
5**	11941.550	43.49	1.64	54.0	10.51	AV	237.00	150	Vertical	Pass
6	16103.963	55.81	1.02	74.0	18.19	Peak	69.00	100	Vertical	Pass
6**	16103.963	46.68	1.02	54.0	7.32	AV	69.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1547.300	39.08	-17.29	74.0	34.92	Peak	342.00	300	Horizontal	Pass
1**	1547.300	29.45	-17.29	54.0	24.55	AV	342.00	300	Horizontal	Pass
2	4388.000	50.20	-3.39	74.0	23.80	Peak	41.00	100	Horizontal	Pass
2**	4388.000	41.66	-3.39	54.0	12.34	AV	41.00	100	Horizontal	Pass
3	5701.200	100.27	-1.50	--	--	Peak	153.00	150	Horizontal	N/A
3**	5701.200	93.13	-1.50	--	--	AV	153.00	150	Horizontal	N/A
4	7447.925	49.57	-3.26	74.0	24.43	Peak	96.00	200	Horizontal	Pass
4**	7447.925	40.54	-3.26	54.0	13.46	AV	96.00	200	Horizontal	Pass
5	12001.637	53.35	1.28	74.0	20.65	Peak	360.00	100	Horizontal	Pass
5**	12001.637	43.52	1.28	54.0	10.48	AV	360.00	100	Horizontal	Pass
6	15849.862	56.35	1.33	74.0	17.65	Peak	0.00	100	Horizontal	Pass
6**	15849.862	47.13	1.33	54.0	6.87	AV	0.00	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	1503.800	38.98	-16.94	74.0	35.02	Peak	0.00	200	Vertical	Pass
1**	1503.800	30.32	-16.94	54.0	23.68	AV	0.00	200	Vertical	Pass
2	4379.600	50.27	-3.30	74.0	23.73	Peak	305.00	400	Vertical	Pass
2**	4379.600	41.86	-3.30	54.0	12.14	AV	305.00	400	Vertical	Pass
3	5698.800	97.76	-1.01	--	--	Peak	208.00	200	Vertical	N/A
3**	5698.800	91.33	-1.01	--	--	AV	208.00	200	Vertical	N/A
4	7346.438	49.69	-3.56	74.0	24.31	Peak	0.00	400	Vertical	Pass
4**	7346.438	40.79	-3.56	54.0	13.21	AV	0.00	400	Vertical	Pass
5	12284.250	53.57	1.78	74.0	20.43	Peak	345.00	150	Vertical	Pass
5**	12284.250	44.41	1.78	54.0	9.59	AV	345.00	150	Vertical	Pass
6	15640.388	56.07	1.34	74.0	17.93	Peak	191.00	100	Vertical	Pass
6**	15640.388	45.84	1.34	54.0	8.16	AV	191.00	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	1585.600	39.43	-16.79	74.0	34.57	Peak	120.00	400	Horizontal	Pass
1**	1585.600	29.67	-16.79	54.0	24.33	AV	120.00	400	Horizontal	Pass
2	4376.600	50.14	-3.85	74.0	23.86	Peak	0.00	400	Horizontal	Pass
2**	4376.600	41.49	-3.85	54.0	12.51	AV	0.00	400	Horizontal	Pass
3	5506.800	100.54	-0.98	--	--	Peak	147.00	100	Horizontal	N/A
3**	5506.800	93.43	-0.98	--	--	AV	147.00	100	Horizontal	N/A
4	7723.062	49.92	-2.57	74.0	24.08	Peak	51.00	100	Horizontal	Pass
4**	7723.062	40.59	-2.57	54.0	13.41	AV	51.00	100	Horizontal	Pass
5	12382.862	53.09	1.50	74.0	20.91	Peak	360.00	150	Horizontal	Pass
5**	12382.862	43.64	1.50	54.0	10.36	AV	360.00	150	Horizontal	Pass
6	15857.738	56.43	1.05	74.0	17.57	Peak	0.00	300	Horizontal	Pass
6**	15857.738	46.23	1.05	54.0	7.77	AV	0.00	300	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	1550.900	38.89	-17.14	74.0	35.11	Peak	162.00	200	Vertical	Pass
1**	1550.900	28.62	-17.14	54.0	25.38	AV	162.00	200	Vertical	Pass
2	4380.000	50.23	-3.32	74.0	23.77	Peak	213.00	300	Vertical	Pass
2**	4380.000	42.03	-3.32	54.0	11.97	AV	213.00	300	Vertical	Pass
3	5512.400	94.12	-0.95	--	--	Peak	55.00	150	Vertical	N/A
3**	5512.400	87.25	-0.95	--	--	AV	55.00	150	Vertical	N/A
4	7338.387	49.77	-2.90	74.0	24.23	Peak	121.00	400	Vertical	Pass
4**	7338.387	41.23	-2.90	54.0	12.77	AV	121.00	400	Vertical	Pass
5	12691.063	53.26	0.84	74.0	20.74	Peak	47.00	200	Vertical	Pass
5**	12691.063	43.31	0.84	54.0	10.69	AV	47.00	200	Vertical	Pass
6	15511.238	56.25	1.43	74.0	17.75	Peak	195.00	300	Vertical	Pass
6**	15511.238	47.11	1.43	54.0	6.89	AV	195.00	300	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	1572.600	38.98	-17.07	74.0	35.02	Peak	171.00	300	Horizontal	Pass
1**	1572.600	29.45	-17.07	54.0	24.55	AV	171.00	300	Horizontal	Pass
2	4395.200	49.96	-3.91	74.0	24.04	Peak	86.00	300	Horizontal	Pass
2**	4395.200	41.13	-3.91	54.0	12.87	AV	86.00	300	Horizontal	Pass
3	5588.400	102.23	-1.84	--	--	Peak	154.00	150	Horizontal	N/A
3**	5588.400	94.77	-1.84	--	--	AV	154.00	150	Horizontal	N/A
4	7338.100	49.92	-2.89	74.0	24.08	Peak	186.00	400	Horizontal	Pass
4**	7338.100	41.59	-2.89	54.0	12.41	AV	186.00	400	Horizontal	Pass
5	12236.812	53.31	1.12	74.0	20.69	Peak	14.00	200	Horizontal	Pass
5**	12236.812	43.93	1.12	54.0	10.07	AV	14.00	200	Horizontal	Pass
6	15820.987	55.69	1.83	74.0	18.31	Peak	189.00	100	Horizontal	Pass
6**	15820.987	46.64	1.83	54.0	7.36	AV	189.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1609.900	38.56	-17.25	74.0	35.44	Peak	171.00	400	Vertical	Pass
1**	1609.900	29.39	-17.25	54.0	24.61	AV	171.00	400	Vertical	Pass
2	4378.400	49.72	-3.42	74.0	24.28	Peak	175.00	100	Vertical	Pass
2**	4378.400	41.24	-3.42	54.0	12.76	AV	175.00	100	Vertical	Pass
3	5592.000	96.81	-2.21	--	--	Peak	331.00	150	Vertical	N/A
3**	5592.000	90.01	-2.21	--	--	AV	331.00	150	Vertical	N/A
4	7327.750	49.66	-3.45	74.0	24.34	Peak	203.00	400	Vertical	Pass
4**	7327.750	40.58	-3.45	54.0	13.42	AV	203.00	400	Vertical	Pass
5	11958.513	53.39	0.99	74.0	20.61	Peak	322.00	200	Vertical	Pass
5**	11958.513	43.54	0.99	54.0	10.46	AV	322.00	200	Vertical	Pass
6	16089.525	55.64	1.44	74.0	18.36	Peak	192.00	100	Vertical	Pass
6**	16089.525	46.74	1.44	54.0	7.26	AV	192.00	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	1545.600	38.77	-17.24	74.0	35.23	Peak	87.00	400	Horizontal	Pass
1**	1545.600	28.95	-17.24	54.0	25.05	AV	87.00	400	Horizontal	Pass
2	4388.400	50.23	-3.40	74.0	23.77	Peak	16.00	200	Horizontal	Pass
2**	4388.400	41.32	-3.40	54.0	12.68	AV	16.00	200	Horizontal	Pass
3	5665.600	100.26	-2.33	--	--	Peak	163.00	100	Horizontal	N/A
3**	5665.600	91.78	-2.33	--	--	AV	163.00	100	Horizontal	N/A
4	7401.638	49.75	-3.92	74.0	24.25	Peak	336.00	400	Horizontal	Pass
4**	7401.638	40.42	-3.92	54.0	13.58	AV	336.00	400	Horizontal	Pass
5	12317.025	53.71	1.41	74.0	20.29	Peak	67.00	200	Horizontal	Pass
5**	12317.025	44.75	1.41	54.0	9.25	AV	67.00	200	Horizontal	Pass
6	15777.675	55.67	1.42	74.0	18.33	Peak	7.00	300	Horizontal	Pass
6**	15777.675	46.00	1.42	54.0	8.00	AV	7.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1560.500	39.63	-16.89	74.0	34.37	Peak	4.00	100	Vertical	Pass
1**	1560.500	30.04	-16.89	54.0	23.96	AV	4.00	100	Vertical	Pass
2	4383.600	50.09	-3.64	74.0	23.91	Peak	299.00	300	Vertical	Pass
2**	4383.600	41.21	-3.64	54.0	12.79	AV	299.00	300	Vertical	Pass
3	5671.800	96.29	-2.29	--	--	Peak	46.00	100	Vertical	N/A
3**	5671.800	88.65	-2.29	--	--	AV	46.00	100	Vertical	N/A
4	7264.212	49.43	-3.25	74.0	24.57	Peak	244.00	300	Vertical	Pass
4**	7264.212	38.79	-3.25	54.0	15.21	AV	244.00	300	Vertical	Pass
5	12353.825	52.79	1.18	74.0	21.21	Peak	29.00	100	Vertical	Pass
5**	12353.825	43.45	1.18	54.0	10.55	AV	29.00	100	Vertical	Pass
6	15805.763	56.45	2.25	74.0	17.55	Peak	267.00	400	Vertical	Pass
6**	15805.763	46.96	2.25	54.0	7.04	AV	267.00	400	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	1531.800	39.16	-17.19	74.0	34.84	Peak	290.00	300	Horizontal	Pass
1**	1531.800	29.34	-17.19	54.0	24.66	AV	290.00	300	Horizontal	Pass
2	4387.000	50.85	-3.33	74.0	23.15	Peak	199.00	200	Horizontal	Pass
2**	4387.000	41.22	-3.33	54.0	12.78	AV	199.00	200	Horizontal	Pass
3	5497.600	102.94	-1.57	--	--	Peak	155.00	200	Horizontal	N/A
3**	5497.600	94.56	-1.57	--	--	AV	155.00	200	Horizontal	N/A
4	7338.675	50.09	-2.91	74.0	23.91	Peak	135.00	400	Horizontal	Pass
4**	7338.675	41.43	-2.91	54.0	12.57	AV	135.00	400	Horizontal	Pass
5	12297.763	53.79	1.52	74.0	20.21	Peak	170.00	150	Horizontal	Pass
5**	12297.763	43.51	1.52	54.0	10.49	AV	170.00	150	Horizontal	Pass
6	15851.700	56.16	1.28	74.0	17.84	Peak	342.00	100	Horizontal	Pass
6**	15851.700	47.09	1.28	54.0	6.91	AV	342.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.800	39.50	-16.84	74.0	34.50	Peak	258.00	300	Vertical	Pass
1**	1504.800	29.61	-16.84	54.0	24.39	AV	258.00	300	Vertical	Pass
2	4390.600	50.32	-3.33	74.0	23.68	Peak	0.00	300	Vertical	Pass
2**	4390.600	41.39	-3.33	54.0	12.61	AV	0.00	300	Vertical	Pass
3	5499.000	96.11	-1.68	--	--	Peak	326.00	200	Vertical	N/A
3**	5499.000	88.52	-1.68	--	--	AV	326.00	200	Vertical	N/A
4	7626.750	49.77	-2.67	74.0	24.23	Peak	83.00	200	Vertical	Pass
4**	7626.750	40.36	-2.67	54.0	13.64	AV	83.00	200	Vertical	Pass
5	12623.787	53.24	1.64	74.0	20.76	Peak	117.00	200	Vertical	Pass
5**	12623.787	43.46	1.64	54.0	10.54	AV	117.00	200	Vertical	Pass
6	15824.400	52.75	1.67	74.0	21.25	Peak	183.00	150	Vertical	Pass
6**	15824.400	48.47	1.67	54.0	5.53	AV	183.00	150	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	1609.600	39.51	-17.31	74.0	34.49	Peak	203.00	400	Horizontal	Pass
1**	1609.600	29.45	-17.31	54.0	24.55	AV	203.00	400	Horizontal	Pass
2	4396.600	50.59	-4.00	74.0	23.41	Peak	44.00	100	Horizontal	Pass
2**	4396.600	41.42	-4.00	54.0	12.58	AV	44.00	100	Horizontal	Pass
3	5578.400	105.23	-1.60	--	--	Peak	157.00	200	Horizontal	N/A
3**	5578.400	98.05	-1.60	--	--	AV	157.00	200	Horizontal	N/A
4	7722.775	50.65	-2.60	74.0	23.35	Peak	246.00	300	Horizontal	Pass
4**	7722.775	40.55	-2.60	54.0	13.45	AV	246.00	300	Horizontal	Pass
5	12275.049	53.11	1.62	74.0	20.89	Peak	223.00	150	Horizontal	Pass
5**	12275.049	44.81	1.62	54.0	9.19	AV	223.00	150	Horizontal	Pass
6	16081.912	55.99	1.60	74.0	18.01	Peak	131.00	300	Horizontal	Pass
6**	16081.912	46.66	1.60	54.0	7.34	AV	131.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.800	38.69	-17.24	74.0	35.31	Peak	355.00	100	Vertical	Pass
1**	1545.800	29.65	-17.24	54.0	24.35	AV	355.00	100	Vertical	Pass
2	4392.200	50.44	-3.53	74.0	23.56	Peak	45.00	200	Vertical	Pass
2**	4392.200	41.31	-3.53	54.0	12.69	AV	45.00	200	Vertical	Pass
3	5579.000	98.88	-1.62	--	--	Peak	45.00	150	Vertical	N/A
3**	5579.000	91.67	-1.62	--	--	AV	45.00	150	Vertical	N/A
4	7346.725	50.03	-3.60	74.0	23.97	Peak	160.00	400	Vertical	Pass
4**	7346.725	41.25	-3.60	54.0	12.75	AV	160.00	400	Vertical	Pass
5	12285.975	54.24	1.75	74.0	19.76	Peak	340.00	200	Vertical	Pass
5**	12285.975	44.14	1.75	54.0	9.86	AV	340.00	200	Vertical	Pass
6	16175.887	55.59	1.36	74.0	18.41	Peak	321.00	300	Vertical	Pass
6**	16175.887	46.23	1.36	54.0	7.77	AV	321.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.900	39.04	-17.17	74.0	34.96	Peak	86.00	100	Horizontal	Pass
1**	1479.900	28.73	-17.17	54.0	25.27	AV	86.00	100	Horizontal	Pass
2	4391.400	50.07	-3.43	74.0	23.93	Peak	258.00	200	Horizontal	Pass
2**	4391.400	41.10	-3.43	54.0	12.90	AV	258.00	200	Horizontal	Pass
3	5702.400	100.63	-1.63	--	--	Peak	139.00	150	Horizontal	N/A
3**	5702.400	92.88	-1.63	--	--	AV	139.00	150	Horizontal	N/A
4	7345.862	50.17	-3.52	74.0	23.83	Peak	288.00	300	Horizontal	Pass
4**	7345.862	40.88	-3.52	54.0	13.12	AV	288.00	300	Horizontal	Pass
5	11962.825	53.48	0.88	74.0	20.52	Peak	360.00	200	Horizontal	Pass
5**	11962.825	43.74	0.88	54.0	10.26	AV	360.00	200	Horizontal	Pass
6	15796.312	55.91	2.21	74.0	18.09	Peak	87.00	300	Horizontal	Pass
6**	15796.312	46.58	2.21	54.0	7.42	AV	87.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.400	38.65	-17.05	74.0	35.35	Peak	5.00	100	Vertical	Pass
1**	1535.400	29.05	-17.05	54.0	24.95	AV	5.00	100	Vertical	Pass
2	4379.600	51.21	-3.30	74.0	22.79	Peak	206.00	400	Vertical	Pass
2**	4379.600	41.70	-3.30	54.0	12.30	AV	206.00	400	Vertical	Pass
3	5699.000	98.06	-0.98	--	--	Peak	45.00	200	Vertical	N/A
3**	5699.000	90.96	-0.98	--	--	AV	45.00	200	Vertical	N/A
4	7621.000	49.81	-2.74	74.0	24.19	Peak	342.00	100	Vertical	Pass
4**	7621.000	40.78	-2.74	54.0	13.22	AV	342.00	100	Vertical	Pass
5	12273.901	53.29	1.58	74.0	20.71	Peak	124.00	200	Vertical	Pass
5**	12273.901	44.15	1.58	54.0	9.85	AV	124.00	200	Vertical	Pass
6	15776.099	55.87	1.33	74.0	18.13	Peak	295.00	400	Vertical	Pass
6**	15776.099	46.14	1.33	54.0	7.86	AV	295.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.800	38.54	-16.98	74.0	35.46	Peak	20.00	400	Horizontal	Pass
1**	1507.800	29.19	-16.98	54.0	24.81	AV	20.00	400	Horizontal	Pass
2	4389.400	50.34	-3.35	74.0	23.66	Peak	49.00	100	Horizontal	Pass
2**	4389.400	41.92	-3.35	54.0	12.08	AV	49.00	100	Horizontal	Pass
3	5511.600	100.64	-0.92	--	--	Peak	148.00	100	Horizontal	N/A
3**	5511.600	92.80	-0.92	--	--	AV	148.00	100	Horizontal	N/A
4	7346.725	49.57	-3.60	74.0	24.43	Peak	94.00	400	Horizontal	Pass
4**	7346.725	40.64	-3.60	54.0	13.36	AV	94.00	400	Horizontal	Pass
5	12274.475	53.36	1.60	74.0	20.64	Peak	172.00	200	Horizontal	Pass
5**	12274.475	43.99	1.60	54.0	10.01	AV	172.00	200	Horizontal	Pass
6	15809.175	55.76	2.18	74.0	18.24	Peak	69.00	100	Horizontal	Pass
6**	15809.175	46.32	2.18	54.0	7.68	AV	69.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.600	39.05	-17.09	74.0	34.95	Peak	360.00	100	Vertical	Pass
1**	1441.600	29.94	-17.09	54.0	24.06	AV	360.00	100	Vertical	Pass
2	4378.600	50.26	-3.40	74.0	23.74	Peak	337.00	300	Vertical	Pass
2**	4378.600	42.87	-3.40	54.0	11.13	AV	337.00	300	Vertical	Pass
3	5513.600	93.77	-1.04	--	--	Peak	337.00	200	Vertical	N/A
3**	5513.600	87.46	-1.04	--	--	AV	337.00	200	Vertical	N/A
4	7721.050	49.66	-2.71	74.0	24.34	Peak	247.00	400	Vertical	Pass
4**	7721.050	40.89	-2.71	54.0	13.11	AV	247.00	400	Vertical	Pass
5	12601.075	53.23	1.90	74.0	20.77	Peak	73.00	150	Vertical	Pass
5**	12601.075	43.79	1.90	54.0	10.21	AV	73.00	150	Vertical	Pass
6	15810.224	56.20	2.16	74.0	17.80	Peak	360.00	400	Vertical	Pass
6**	15810.224	46.92	2.16	54.0	7.08	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.400	39.21	-16.83	74.0	34.79	Peak	183.00	400	Horizontal	Pass
1**	1506.400	29.11	-16.83	54.0	24.89	AV	183.00	400	Horizontal	Pass
2	4391.800	50.16	-3.48	74.0	23.84	Peak	268.00	400	Horizontal	Pass
2**	4391.800	41.96	-3.48	54.0	12.04	AV	268.00	400	Horizontal	Pass
3	5588.400	101.92	-1.84	--	--	Peak	151.00	100	Horizontal	N/A
3**	5588.400	93.99	-1.84	--	--	AV	151.00	100	Horizontal	N/A
4	7606.913	50.24	-3.17	74.0	23.76	Peak	231.00	200	Horizontal	Pass
4**	7606.913	39.57	-3.17	54.0	14.43	AV	231.00	200	Horizontal	Pass
5	12318.463	53.42	1.42	74.0	20.58	Peak	249.00	200	Horizontal	Pass
5**	12318.463	43.35	1.42	54.0	10.65	AV	249.00	200	Horizontal	Pass
6	15803.138	54.02	2.29	74.0	19.98	Peak	222.00	150	Horizontal	Pass
6**	15803.138	48.78	2.29	54.0	5.22	AV	222.00	150	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	1444.000	38.98	-17.10	74.0	35.02	Peak	121.00	400	Vertical	Pass
1**	1444.000	29.07	-17.10	54.0	24.93	AV	121.00	400	Vertical	Pass
2	4385.600	50.00	-3.36	74.0	24.00	Peak	211.00	200	Vertical	Pass
2**	4385.600	41.53	-3.36	54.0	12.47	AV	211.00	200	Vertical	Pass
3	5591.800	96.44	-2.21	--	--	Peak	46.00	100	Vertical	N/A
3**	5591.800	88.26	-2.21	--	--	AV	46.00	100	Vertical	N/A
4	7338.100	50.13	-2.89	74.0	23.87	Peak	360.00	400	Vertical	Pass
4**	7338.100	40.59	-2.89	54.0	13.41	AV	360.00	400	Vertical	Pass
5	12409.026	53.40	1.45	74.0	20.60	Peak	237.00	150	Vertical	Pass
5**	12409.026	43.98	1.45	54.0	10.02	AV	237.00	150	Vertical	Pass
6	15851.437	55.59	1.29	74.0	18.41	Peak	149.00	200	Vertical	Pass
6**	15851.437	46.68	1.29	54.0	7.32	AV	149.00	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	1459.300	38.95	-17.02	74.0	35.05	Peak	360.00	200	Horizontal	Pass
1**	1459.300	29.40	-17.02	54.0	24.60	AV	360.00	200	Horizontal	Pass
2	4385.600	50.42	-3.36	74.0	23.58	Peak	95.00	400	Horizontal	Pass
2**	4385.600	41.70	-3.36	54.0	12.30	AV	95.00	400	Horizontal	Pass
3	5667.200	99.70	-2.62	--	--	Peak	157.00	150	Horizontal	N/A
3**	5667.200	91.54	-2.62	--	--	AV	157.00	150	Horizontal	N/A
4	7334.362	49.97	-3.19	74.0	24.03	Peak	360.00	300	Horizontal	Pass
4**	7334.362	41.16	-3.19	54.0	12.84	AV	360.00	300	Horizontal	Pass
5	12419.088	53.56	1.39	74.0	20.44	Peak	0.00	100	Horizontal	Pass
5**	12419.088	44.14	1.39	54.0	9.86	AV	0.00	100	Horizontal	Pass
6	16032.300	56.24	0.73	74.0	17.76	Peak	315.00	300	Horizontal	Pass
6**	16032.300	46.74	0.73	54.0	7.26	AV	315.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.100	39.20	-17.19	74.0	34.80	Peak	45.00	300	Vertical	Pass
1**	1479.100	28.90	-17.19	54.0	25.10	AV	45.00	300	Vertical	Pass
2	4380.600	51.03	-3.42	74.0	22.97	Peak	144.00	200	Vertical	Pass
2**	4380.600	42.64	-3.42	54.0	11.36	AV	144.00	200	Vertical	Pass
3	5673.400	95.90	-2.17	--	--	Peak	204.00	150	Vertical	N/A
3**	5673.400	89.26	-2.17	--	--	AV	204.00	150	Vertical	N/A
4	7349.887	50.25	-3.65	74.0	23.75	Peak	360.00	200	Vertical	Pass
4**	7349.887	40.81	-3.65	54.0	13.19	AV	360.00	200	Vertical	Pass
5	12359.287	53.33	1.17	74.0	20.67	Peak	202.00	200	Vertical	Pass
5**	12359.287	44.59	1.17	54.0	9.41	AV	202.00	200	Vertical	Pass
6	15801.037	56.03	2.32	74.0	17.97	Peak	54.00	100	Vertical	Pass
6**	15801.037	46.69	2.32	54.0	7.31	AV	54.00	100	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	1513.500	38.67	-17.25	74.0	35.33	Peak	120.00	300	Horizontal	Pass
1**	1513.500	30.78	-17.25	54.0	23.22	AV	120.00	300	Horizontal	Pass
2	4380.200	50.62	-3.35	74.0	23.38	Peak	327.00	100	Horizontal	Pass
2**	4380.200	41.51	-3.35	54.0	12.49	AV	327.00	100	Horizontal	Pass
3	5535.600	98.22	-1.80	--	--	Peak	159.00	150	Horizontal	N/A
3**	5535.600	90.72	-1.80	--	--	AV	159.00	150	Horizontal	N/A
4	7357.938	49.54	-3.79	74.0	24.46	Peak	261.00	200	Horizontal	Pass
4**	7357.938	40.89	-3.79	54.0	13.11	AV	261.00	200	Horizontal	Pass
5	12285.688	53.06	1.76	74.0	20.94	Peak	243.00	100	Horizontal	Pass
5**	12285.688	44.00	1.76	54.0	10.00	AV	243.00	100	Horizontal	Pass
6	15838.312	55.84	1.45	74.0	18.16	Peak	95.00	400	Horizontal	Pass
6**	15838.312	47.46	1.45	54.0	6.54	AV	95.00	400	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	1505.600	39.20	-16.84	74.0	34.80	Peak	360.00	400	Vertical	Pass
1**	1505.600	29.31	-16.84	54.0	24.69	AV	360.00	400	Vertical	Pass
2	4390.400	51.13	-3.30	74.0	22.87	Peak	75.00	400	Vertical	Pass
2**	4390.400	42.46	-3.30	54.0	11.54	AV	75.00	400	Vertical	Pass
3	5543.200	92.91	-1.78	--	--	Peak	50.00	150	Vertical	N/A
3**	5543.200	84.81	-1.78	--	--	AV	50.00	150	Vertical	N/A
4	7345.575	50.04	-3.51	74.0	23.96	Peak	199.00	300	Vertical	Pass
4**	7345.575	41.32	-3.51	54.0	12.68	AV	199.00	300	Vertical	Pass
5	12304.663	53.65	1.39	74.0	20.35	Peak	360.00	100	Vertical	Pass
5**	12304.663	43.69	1.39	54.0	10.31	AV	360.00	100	Vertical	Pass
6	15814.688	55.89	2.07	74.0	18.11	Peak	67.00	200	Vertical	Pass
6**	15814.688	47.04	2.07	54.0	6.96	AV	67.00	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	1490.400	38.80	-16.76	74.0	35.20	Peak	313.00	300	Horizontal	Pass
1**	1490.400	30.87	-16.76	54.0	23.13	AV	313.00	300	Horizontal	Pass
2	4379.400	50.74	-3.32	74.0	23.26	Peak	34.00	400	Horizontal	Pass
2**	4379.400	41.85	-3.32	54.0	12.15	AV	34.00	400	Horizontal	Pass
3	5616.000	98.81	-1.94	--	--	Peak	161.00	100	Horizontal	N/A
3**	5616.000	91.05	-1.94	--	--	AV	161.00	100	Horizontal	N/A
4	7334.650	49.89	-3.21	74.0	24.11	Peak	212.00	100	Horizontal	Pass
4**	7334.650	41.22	-3.21	54.0	12.78	AV	212.00	100	Horizontal	Pass
5	12599.349	53.57	1.89	74.0	20.43	Peak	13.00	100	Horizontal	Pass
5**	12599.349	43.36	1.89	54.0	10.64	AV	13.00	100	Horizontal	Pass
6	16169.850	56.17	1.15	74.0	17.83	Peak	58.00	400	Horizontal	Pass
6**	16169.850	45.68	1.15	54.0	8.32	AV	58.00	400	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	1589.500	39.02	-17.19	74.0	34.98	Peak	278.00	200	Vertical	Pass
1**	1589.500	29.04	-17.19	54.0	24.96	AV	278.00	200	Vertical	Pass
2	4255.800	50.23	-4.61	74.0	23.77	Peak	36.00	100	Vertical	Pass
2**	4255.800	40.63	-4.61	54.0	13.37	AV	36.00	100	Vertical	Pass
3	5606.000	93.20	-1.97	--	--	Peak	48.00	100	Vertical	N/A
3**	5606.000	85.54	-1.97	--	--	AV	48.00	100	Vertical	N/A
4	7321.425	50.41	-3.18	74.0	23.59	Peak	0.00	400	Vertical	Pass
4**	7321.425	40.76	-3.18	54.0	13.24	AV	0.00	400	Vertical	Pass
5	12278.500	53.39	1.75	74.0	20.61	Peak	54.00	100	Vertical	Pass
5**	12278.500	44.36	1.75	54.0	9.64	AV	54.00	100	Vertical	Pass
6	16192.425	56.54	1.59	74.0	17.46	Peak	159.00	400	Vertical	Pass
6**	16192.425	45.98	1.59	54.0	8.02	AV	159.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1470.000	39.07	-17.35	74.0	34.93	Peak	157.00	100	Horizontal	Pass
1**	1470.000	29.34	-17.35	54.0	24.66	AV	157.00	100	Horizontal	Pass
2	4388.000	50.27	-3.39	74.0	23.73	Peak	140.00	400	Horizontal	Pass
2**	4388.000	41.12	-3.39	54.0	12.88	AV	140.00	400	Horizontal	Pass
3	5743.800	100.16	-2.07	--	--	Peak	150.00	100	Horizontal	N/A
3**	5743.800	92.51	-2.07	--	--	AV	150.00	100	Horizontal	N/A
4	7342.700	50.10	-3.27	74.0	23.90	Peak	96.00	400	Horizontal	Pass
4**	7342.700	41.26	-3.27	54.0	12.74	AV	96.00	400	Horizontal	Pass
5	12284.537	53.54	1.78	74.0	20.46	Peak	276.00	150	Horizontal	Pass
5**	12284.537	44.09	1.78	54.0	9.91	AV	276.00	150	Horizontal	Pass
6	15849.338	56.16	1.34	74.0	17.84	Peak	192.00	400	Horizontal	Pass
6**	15849.338	46.76	1.34	54.0	7.24	AV	192.00	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	1560.200	39.20	-16.92	74.0	34.80	Peak	195.00	100	Vertical	Pass
1**	1560.200	29.78	-16.92	54.0	24.22	AV	195.00	100	Vertical	Pass
2	4381.200	50.60	-3.52	74.0	23.40	Peak	96.00	400	Vertical	Pass
2**	4381.200	41.33	-3.52	54.0	12.67	AV	96.00	400	Vertical	Pass
3	5746.000	97.58	-2.21	--	--	Peak	43.00	100	Vertical	N/A
3**	5746.000	89.87	-2.21	--	--	AV	43.00	100	Vertical	N/A
4	7355.638	49.81	-3.79	74.0	24.19	Peak	360.00	200	Vertical	Pass
4**	7355.638	40.44	-3.79	54.0	13.56	AV	360.00	200	Vertical	Pass
5	11665.549	52.94	0.18	74.0	21.06	Peak	214.00	100	Vertical	Pass
5**	11665.549	43.54	0.18	54.0	10.46	AV	214.00	100	Vertical	Pass
6	15854.850	56.12	1.20	74.0	17.88	Peak	227.00	100	Vertical	Pass
6**	15854.850	46.36	1.20	54.0	7.64	AV	227.00	100	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	1537.700	38.83	-17.03	74.0	35.17	Peak	155.00	100	Horizontal	Pass
1**	1537.700	29.93	-17.03	54.0	24.07	AV	155.00	100	Horizontal	Pass
2	4190.000	50.93	-4.54	74.0	23.07	Peak	192.00	400	Horizontal	Pass
2**	4190.000	40.04	-4.54	54.0	13.96	AV	192.00	400	Horizontal	Pass
3	5786.000	99.20	-1.65	--	--	Peak	149.00	150	Horizontal	N/A
3**	5786.000	91.69	-1.65	--	--	AV	149.00	150	Horizontal	N/A
4	7341.837	50.22	-3.15	74.0	23.78	Peak	163.00	100	Horizontal	Pass
4**	7341.837	41.63	-3.15	54.0	12.37	AV	163.00	100	Horizontal	Pass
5	12129.000	52.83	0.40	74.0	21.17	Peak	198.00	150	Horizontal	Pass
5**	12129.000	42.18	0.40	54.0	11.82	AV	198.00	150	Horizontal	Pass
6	15855.112	53.96	1.19	74.0	20.04	Peak	11.00	150	Horizontal	Pass
6**	15855.112	48.18	1.19	54.0	5.82	AV	11.00	150	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	1504.500	38.88	-16.87	74.0	35.12	Peak	75.00	200	Vertical	Pass
1**	1504.500	29.92	-16.87	54.0	24.08	AV	75.00	200	Vertical	Pass
2	4384.400	49.79	-3.57	74.0	24.21	Peak	90.00	200	Vertical	Pass
2**	4384.400	41.08	-3.57	54.0	12.92	AV	90.00	200	Vertical	Pass
3	5782.400	97.36	-1.35	--	--	Peak	26.00	150	Vertical	N/A
3**	5782.400	89.57	-1.35	--	--	AV	26.00	150	Vertical	N/A
4	7338.387	49.32	-2.90	74.0	24.68	Peak	260.00	100	Vertical	Pass
4**	7338.387	40.75	-2.90	54.0	13.25	AV	260.00	100	Vertical	Pass
5	12304.375	52.67	1.40	74.0	21.33	Peak	196.00	100	Vertical	Pass
5**	12304.375	43.20	1.40	54.0	10.80	AV	196.00	100	Vertical	Pass
6	16121.550	56.04	0.67	74.0	17.96	Peak	111.00	300	Vertical	Pass
6**	16121.550	46.21	0.67	54.0	7.79	AV	111.00	300	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	1491.900	39.01	-16.88	74.0	34.99	Peak	8.00	100	Horizontal	Pass
1**	1491.900	29.26	-16.88	54.0	24.74	AV	8.00	100	Horizontal	Pass
2	4389.800	50.14	-3.33	74.0	23.86	Peak	152.00	100	Horizontal	Pass
2**	4389.800	42.23	-3.33	54.0	11.77	AV	152.00	100	Horizontal	Pass
3	5823.800	99.33	-2.13	--	--	Peak	152.00	200	Horizontal	N/A
3**	5823.800	92.24	-2.13	--	--	AV	152.00	200	Horizontal	N/A
4	7507.725	49.30	-3.10	74.0	24.70	Peak	13.00	100	Horizontal	Pass
4**	7507.725	40.41	-3.10	54.0	13.59	AV	13.00	100	Horizontal	Pass
5	11922.862	53.03	1.51	74.0	20.97	Peak	149.00	100	Horizontal	Pass
5**	11922.862	42.98	1.51	54.0	11.02	AV	149.00	100	Horizontal	Pass
6	15859.575	56.19	0.95	74.0	17.81	Peak	57.00	100	Horizontal	Pass
6**	15859.575	46.75	0.95	54.0	7.25	AV	57.00	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	1487.600	38.74	-16.82	74.0	35.26	Peak	355.00	300	Vertical	Pass
1**	1487.600	29.90	-16.82	54.0	24.10	AV	355.00	300	Vertical	Pass
2	4390.000	50.10	-3.32	74.0	23.90	Peak	360.00	400	Vertical	Pass
2**	4390.000	41.51	-3.32	54.0	12.49	AV	360.00	400	Vertical	Pass
3	5824.400	97.27	-2.13	--	--	Peak	32.00	200	Vertical	N/A
3**	5824.400	89.91	-2.13	--	--	AV	32.00	200	Vertical	N/A
4	7342.987	50.18	-3.31	74.0	23.82	Peak	49.00	100	Vertical	Pass
4**	7342.987	41.10	-3.31	54.0	12.90	AV	49.00	100	Vertical	Pass
5	11629.901	52.89	-0.20	74.0	21.11	Peak	168.00	100	Vertical	Pass
5**	11629.901	42.49	-0.20	54.0	11.51	AV	168.00	100	Vertical	Pass
6	16110.525	55.27	0.76	74.0	18.73	Peak	27.00	200	Vertical	Pass
6**	16110.525	45.98	0.76	54.0	8.02	AV	27.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.600	39.15	-16.82	74.0	34.85	Peak	234.00	200	Horizontal	Pass
1**	1487.600	29.33	-16.82	54.0	24.67	AV	234.00	200	Horizontal	Pass
2	4389.200	50.59	-3.36	74.0	23.41	Peak	205.00	400	Horizontal	Pass
2**	4389.200	41.77	-3.36	54.0	12.23	AV	205.00	400	Horizontal	Pass
3	5743.600	99.68	-2.09	--	--	Peak	148.00	150	Horizontal	N/A
3**	5743.600	92.35	-2.09	--	--	AV	148.00	150	Horizontal	N/A
4	7408.538	50.06	-3.88	74.0	23.94	Peak	253.00	200	Horizontal	Pass
4**	7408.538	39.63	-3.88	54.0	14.37	AV	253.00	200	Horizontal	Pass
5	11524.675	52.90	-0.49	74.0	21.10	Peak	289.00	200	Horizontal	Pass
5**	11524.675	42.84	-0.49	54.0	11.16	AV	289.00	200	Horizontal	Pass
6	15392.062	56.07	0.60	74.0	17.93	Peak	98.00	400	Horizontal	Pass
6**	15392.062	46.02	0.60	54.0	7.98	AV	98.00	400	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	1605.700	39.36	-17.48	74.0	34.64	Peak	121.00	400	Vertical	Pass
1**	1605.700	28.99	-17.48	54.0	25.01	AV	121.00	400	Vertical	Pass
2	4385.400	51.20	-3.40	74.0	22.80	Peak	144.00	100	Vertical	Pass
2**	4385.400	41.38	-3.40	54.0	12.62	AV	144.00	100	Vertical	Pass
3	5746.400	97.53	-2.21	--	--	Peak	208.00	200	Vertical	N/A
3**	5746.400	90.10	-2.21	--	--	AV	208.00	200	Vertical	N/A
4	7346.725	49.40	-3.60	74.0	24.60	Peak	12.00	400	Vertical	Pass
4**	7346.725	40.01	-3.60	54.0	13.99	AV	12.00	400	Vertical	Pass
5	12348.937	53.14	1.23	74.0	20.86	Peak	228.00	150	Vertical	Pass
5**	12348.937	43.92	1.23	54.0	10.08	AV	228.00	150	Vertical	Pass
6	16079.025	55.75	1.62	74.0	18.25	Peak	210.00	200	Vertical	Pass
6**	16079.025	47.06	1.62	54.0	6.94	AV	210.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.600	38.91	-17.29	74.0	35.09	Peak	221.00	100	Horizontal	Pass
1**	1543.600	29.24	-17.29	54.0	24.76	AV	221.00	100	Horizontal	Pass
2	4386.000	50.40	-3.30	74.0	23.60	Peak	209.00	100	Horizontal	Pass
2**	4386.000	41.77	-3.30	54.0	12.23	AV	209.00	100	Horizontal	Pass
3	5783.400	99.66	-1.48	--	--	Peak	147.00	200	Horizontal	N/A
3**	5783.400	92.36	-1.48	--	--	AV	147.00	200	Horizontal	N/A
4	7683.100	49.82	-2.68	74.0	24.18	Peak	170.00	400	Horizontal	Pass
4**	7683.100	39.86	-2.68	54.0	14.14	AV	170.00	400	Horizontal	Pass
5	11966.850	53.60	0.84	74.0	20.40	Peak	308.00	100	Horizontal	Pass
5**	11966.850	43.42	0.84	54.0	10.58	AV	308.00	100	Horizontal	Pass
6	15850.387	53.24	1.32	74.0	20.76	Peak	182.00	150	Horizontal	Pass
6**	15850.387	48.35	1.32	54.0	5.65	AV	182.00	150	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	1536.700	39.61	-16.90	74.0	34.39	Peak	0.00	300	Vertical	Pass
1**	1536.700	29.59	-16.90	54.0	24.41	AV	0.00	300	Vertical	Pass
2	4377.200	51.28	-3.65	74.0	22.72	Peak	262.00	400	Vertical	Pass
2**	4377.200	41.62	-3.65	54.0	12.38	AV	262.00	400	Vertical	Pass
3	5784.000	97.03	-1.57	--	--	Peak	27.00	100	Vertical	N/A
3**	5784.000	90.05	-1.57	--	--	AV	27.00	100	Vertical	N/A
4	7391.000	49.50	-3.89	74.0	24.50	Peak	311.00	100	Vertical	Pass
4**	7391.000	39.65	-3.89	54.0	14.35	AV	311.00	100	Vertical	Pass
5	12305.526	52.94	1.39	74.0	21.06	Peak	48.00	200	Vertical	Pass
5**	12305.526	44.56	1.39	54.0	9.44	AV	48.00	200	Vertical	Pass
6	15798.674	55.69	2.29	74.0	18.31	Peak	265.00	300	Vertical	Pass
6**	15798.674	46.54	2.29	54.0	7.46	AV	265.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.600	38.75	-17.21	74.0	35.25	Peak	337.00	300	Horizontal	Pass
1**	1530.600	29.33	-17.21	54.0	24.67	AV	337.00	300	Horizontal	Pass
2	4394.200	50.22	-3.81	74.0	23.78	Peak	99.00	300	Horizontal	Pass
2**	4394.200	41.21	-3.81	54.0	12.79	AV	99.00	300	Horizontal	Pass
3	5827.800	98.94	-1.91	--	--	Peak	145.00	100	Horizontal	N/A
3**	5827.800	91.80	-1.91	--	--	AV	145.00	100	Horizontal	N/A
4	7391.288	49.44	-3.88	74.0	24.56	Peak	360.00	400	Horizontal	Pass
4**	7391.288	40.19	-3.88	54.0	13.81	AV	360.00	400	Horizontal	Pass
5	12428.862	52.96	1.53	74.0	21.04	Peak	69.00	150	Horizontal	Pass
5**	12428.862	42.98	1.53	54.0	11.02	AV	69.00	150	Horizontal	Pass
6	15667.687	55.54	1.39	74.0	18.46	Peak	0.00	400	Horizontal	Pass
6**	15667.687	47.79	1.39	54.0	6.21	AV	0.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.100	39.01	-17.23	74.0	34.99	Peak	296.00	100	Vertical	Pass
1**	1514.100	29.28	-17.23	54.0	24.72	AV	296.00	100	Vertical	Pass
2	4386.600	49.87	-3.30	74.0	24.13	Peak	360.00	300	Vertical	Pass
2**	4386.600	41.31	-3.30	54.0	12.69	AV	360.00	300	Vertical	Pass
3	5826.200	96.72	-2.03	--	--	Peak	38.00	200	Vertical	N/A
3**	5826.200	89.55	-2.03	--	--	AV	38.00	200	Vertical	N/A
4	7340.687	49.58	-3.04	74.0	24.42	Peak	240.00	100	Vertical	Pass
4**	7340.687	41.13	-3.04	54.0	12.87	AV	240.00	100	Vertical	Pass
5	12223.588	52.94	1.28	74.0	21.06	Peak	360.00	150	Vertical	Pass
5**	12223.588	43.94	1.28	54.0	10.06	AV	360.00	150	Vertical	Pass
6	15849.338	55.62	1.34	74.0	18.38	Peak	200.00	300	Vertical	Pass
6**	15849.338	46.51	1.34	54.0	7.49	AV	200.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.100	39.02	-16.83	74.0	34.98	Peak	293.00	100	Horizontal	Pass
1**	1506.100	29.66	-16.83	54.0	24.34	AV	293.00	100	Horizontal	Pass
2	4302.800	50.24	-4.32	74.0	23.76	Peak	0.00	300	Horizontal	Pass
2**	4302.800	40.44	-4.32	54.0	13.56	AV	0.00	300	Horizontal	Pass
3	5753.000	96.81	-2.00	--	--	Peak	140.00	100	Horizontal	N/A
3**	5753.000	89.12	-2.00	--	--	AV	140.00	100	Horizontal	N/A
4	7359.950	49.57	-3.79	74.0	24.43	Peak	0.00	200	Horizontal	Pass
4**	7359.950	40.32	-3.79	54.0	13.68	AV	0.00	200	Horizontal	Pass
5	12276.487	52.82	1.67	74.0	21.18	Peak	122.00	200	Horizontal	Pass
5**	12276.487	43.49	1.67	54.0	10.51	AV	122.00	200	Horizontal	Pass
6	15662.963	55.74	1.31	74.0	18.26	Peak	280.00	100	Horizontal	Pass
6**	15662.963	45.91	1.31	54.0	8.09	AV	280.00	100	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	1506.700	38.59	-16.82	74.0	35.41	Peak	46.00	200	Vertical	Pass
1**	1506.700	29.17	-16.82	54.0	24.83	AV	46.00	200	Vertical	Pass
2	4370.000	50.47	-4.04	74.0	23.53	Peak	360.00	300	Vertical	Pass
2**	4370.000	42.13	-4.04	54.0	11.87	AV	360.00	300	Vertical	Pass
3	5752.200	94.54	-1.96	--	--	Peak	208.00	100	Vertical	N/A
3**	5752.200	88.04	-1.96	--	--	AV	208.00	100	Vertical	N/A
4	7442.750	49.78	-3.33	74.0	24.22	Peak	187.00	200	Vertical	Pass
4**	7442.750	40.33	-3.33	54.0	13.67	AV	187.00	200	Vertical	Pass
5	11951.325	53.17	1.34	74.0	20.83	Peak	48.00	150	Vertical	Pass
5**	11951.325	43.35	1.34	54.0	10.65	AV	48.00	150	Vertical	Pass
6	15819.412	55.91	1.90	74.0	18.09	Peak	204.00	300	Vertical	Pass
6**	15819.412	46.22	1.90	54.0	7.78	AV	204.00	300	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	1513.400	39.16	-17.25	74.0	34.84	Peak	0.00	100	Horizontal	Pass
1**	1513.400	29.14	-17.25	54.0	24.86	AV	0.00	100	Horizontal	Pass
2	4380.800	50.09	-3.46	74.0	23.91	Peak	46.00	400	Horizontal	Pass
2**	4380.800	41.93	-3.46	54.0	12.07	AV	46.00	400	Horizontal	Pass
3	5791.600	95.61	-1.89	--	--	Peak	149.00	100	Horizontal	N/A
3**	5791.600	88.05	-1.89	--	--	AV	149.00	100	Horizontal	N/A
4	7332.350	49.45	-3.24	74.0	24.55	Peak	293.00	200	Horizontal	Pass
4**	7332.350	40.89	-3.24	54.0	13.11	AV	293.00	200	Horizontal	Pass
5	11917.112	53.04	1.49	74.0	20.96	Peak	360.00	100	Horizontal	Pass
5**	11917.112	44.40	1.49	54.0	9.60	AV	360.00	100	Horizontal	Pass
6	15802.350	53.71	2.30	74.0	20.29	Peak	129.00	150	Horizontal	Pass
6**	15802.350	48.49	2.30	54.0	5.51	AV	129.00	150	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	1625.600	38.93	-17.14	74.0	35.07	Peak	316.00	100	Vertical	Pass
1**	1625.600	29.79	-17.14	54.0	24.21	AV	316.00	100	Vertical	Pass
2	4385.400	50.25	-3.40	74.0	23.75	Peak	0.00	100	Vertical	Pass
2**	4385.400	41.20	-3.40	54.0	12.80	AV	0.00	100	Vertical	Pass
3	5787.400	93.27	-1.68	--	--	Peak	20.00	150	Vertical	N/A
3**	5787.400	85.85	-1.68	--	--	AV	20.00	150	Vertical	N/A
4	7452.237	49.77	-3.16	74.0	24.23	Peak	106.00	100	Vertical	Pass
4**	7452.237	40.93	-3.16	54.0	13.07	AV	106.00	100	Vertical	Pass
5	12253.776	52.65	0.98	74.0	21.35	Peak	162.00	200	Vertical	Pass
5**	12253.776	43.41	0.98	54.0	10.59	AV	162.00	200	Vertical	Pass
6	16119.451	55.93	0.62	74.0	18.07	Peak	23.00	100	Vertical	Pass
6**	16119.451	45.82	0.62	54.0	8.18	AV	23.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.100	39.34	-17.08	74.0	34.66	Peak	327.00	200	Horizontal	Pass
1**	1624.100	29.13	-17.08	54.0	24.87	AV	327.00	200	Horizontal	Pass
2	4379.200	50.62	-3.34	74.0	23.38	Peak	234.00	400	Horizontal	Pass
2**	4379.200	42.25	-3.34	54.0	11.75	AV	234.00	400	Horizontal	Pass
3	5744.000	99.22	-2.06	--	--	Peak	139.00	100	Horizontal	N/A
3**	5744.000	92.01	-2.06	--	--	AV	139.00	100	Horizontal	N/A
4	7349.025	49.20	-3.72	74.0	24.80	Peak	195.00	100	Horizontal	Pass
4**	7349.025	40.31	-3.72	54.0	13.69	AV	195.00	100	Horizontal	Pass
5	12320.187	52.83	1.43	74.0	21.17	Peak	64.00	100	Horizontal	Pass
5**	12320.187	44.31	1.43	54.0	9.69	AV	64.00	100	Horizontal	Pass
6	15624.901	55.48	1.72	74.0	18.52	Peak	321.00	400	Horizontal	Pass
6**	15624.901	45.67	1.72	54.0	8.33	AV	321.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.100	39.05	-17.16	74.0	34.95	Peak	22.00	300	Vertical	Pass
1**	1517.100	29.61	-17.16	54.0	24.39	AV	22.00	300	Vertical	Pass
2	4377.800	50.39	-3.48	74.0	23.61	Peak	360.00	100	Vertical	Pass
2**	4377.800	42.38	-3.48	54.0	11.62	AV	360.00	100	Vertical	Pass
3	5743.200	97.05	-2.13	--	--	Peak	210.00	100	Vertical	N/A
3**	5743.200	89.60	-2.13	--	--	AV	210.00	100	Vertical	N/A
4	7334.938	49.70	-3.24	74.0	24.30	Peak	266.00	300	Vertical	Pass
4**	7334.938	39.86	-3.24	54.0	14.14	AV	266.00	300	Vertical	Pass
5	12282.812	52.96	1.79	74.0	21.04	Peak	86.00	150	Vertical	Pass
5**	12282.812	45.05	1.79	54.0	8.95	AV	86.00	150	Vertical	Pass
6	15632.250	55.39	1.63	74.0	18.61	Peak	114.00	100	Vertical	Pass
6**	15632.250	45.59	1.63	54.0	8.41	AV	114.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.100	38.73	-16.84	74.0	35.27	Peak	192.00	100	Horizontal	Pass
1**	1505.100	29.43	-16.84	54.0	24.57	AV	192.00	100	Horizontal	Pass
2	4392.200	50.58	-3.53	74.0	23.42	Peak	316.00	200	Horizontal	Pass
2**	4392.200	41.75	-3.53	54.0	12.25	AV	316.00	200	Horizontal	Pass
3	5783.600	99.19	-1.51	--	--	Peak	153.00	200	Horizontal	N/A
3**	5783.600	91.32	-1.51	--	--	AV	153.00	200	Horizontal	N/A
4	7324.013	50.03	-3.41	74.0	23.97	Peak	360.00	200	Horizontal	Pass
4**	7324.013	40.59	-3.41	54.0	13.41	AV	360.00	200	Horizontal	Pass
5	12279.650	53.61	1.79	74.0	20.39	Peak	360.00	100	Horizontal	Pass
5**	12279.650	43.96	1.79	54.0	10.04	AV	360.00	100	Horizontal	Pass
6	15796.050	55.99	2.20	74.0	18.01	Peak	0.00	200	Horizontal	Pass
6**	15796.050	46.98	2.20	54.0	7.02	AV	0.00	200	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	1535.600	38.92	-17.02	74.0	35.08	Peak	223.00	200	Vertical	Pass
1**	1535.600	31.07	-17.02	54.0	22.93	AV	223.00	200	Vertical	Pass
2	4388.600	50.27	-3.39	74.0	23.73	Peak	238.00	300	Vertical	Pass
2**	4388.600	41.44	-3.39	54.0	12.56	AV	238.00	300	Vertical	Pass
3	5783.400	97.58	-1.48	--	--	Peak	30.00	150	Vertical	N/A
3**	5783.400	89.61	-1.48	--	--	AV	30.00	150	Vertical	N/A
4	7685.975	49.83	-1.99	74.0	24.17	Peak	155.00	200	Vertical	Pass
4**	7685.975	40.62	-1.99	54.0	13.38	AV	155.00	200	Vertical	Pass
5	12306.962	53.46	1.38	74.0	20.54	Peak	172.00	150	Vertical	Pass
5**	12306.962	43.50	1.38	54.0	10.50	AV	172.00	150	Vertical	Pass
6	15831.224	55.54	1.48	74.0	18.46	Peak	0.00	100	Vertical	Pass
6**	15831.224	45.92	1.48	54.0	8.08	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.800	41.53	-17.13	74.0	32.47	Peak	65.00	400	Horizontal	Pass
1**	1534.800	34.05	-17.13	54.0	19.95	AV	65.00	400	Horizontal	Pass
2	4385.600	50.22	-3.36	74.0	23.78	Peak	276.00	400	Horizontal	Pass
2**	4385.600	41.55	-3.36	54.0	12.45	AV	276.00	400	Horizontal	Pass
3	5826.000	99.06	-2.05	--	--	Peak	148.00	200	Horizontal	N/A
3**	5826.000	91.96	-2.05	--	--	AV	148.00	200	Horizontal	N/A
4	7342.700	49.28	-3.27	74.0	24.72	Peak	135.00	400	Horizontal	Pass
4**	7342.700	41.00	-3.27	54.0	13.00	AV	135.00	400	Horizontal	Pass
5	12432.026	53.33	1.61	74.0	20.67	Peak	298.00	100	Horizontal	Pass
5**	12432.026	43.40	1.61	54.0	10.60	AV	298.00	100	Horizontal	Pass
6	15624.901	56.30	1.72	74.0	17.70	Peak	38.00	300	Horizontal	Pass
6**	15624.901	46.34	1.72	54.0	7.66	AV	38.00	300	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	1576.600	39.32	-17.36	74.0	34.68	Peak	254.00	400	Vertical	Pass
1**	1576.600	29.17	-17.36	54.0	24.83	AV	254.00	400	Vertical	Pass
2	4382.000	50.56	-3.64	74.0	23.44	Peak	227.00	300	Vertical	Pass
2**	4382.000	40.85	-3.64	54.0	13.15	AV	227.00	300	Vertical	Pass
3	5822.400	96.61	-2.17	--	--	Peak	28.00	100	Vertical	N/A
3**	5822.400	89.19	-2.17	--	--	AV	28.00	100	Vertical	N/A
4	7337.812	50.48	-2.88	74.0	23.52	Peak	283.00	300	Vertical	Pass
4**	7337.812	40.97	-2.88	54.0	13.03	AV	283.00	300	Vertical	Pass
5	12395.800	53.39	1.60	74.0	20.61	Peak	213.00	200	Vertical	Pass
5**	12395.800	43.32	1.60	54.0	10.68	AV	213.00	200	Vertical	Pass
6	15847.238	54.27	1.35	74.0	19.73	Peak	119.00	150	Vertical	Pass
6**	15847.238	48.50	1.35	54.0	5.50	AV	119.00	150	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	1586.700	39.14	-16.93	74.0	34.86	Peak	314.00	100	Horizontal	Pass
1**	1586.700	29.75	-16.93	54.0	24.25	AV	314.00	100	Horizontal	Pass
2	4389.200	49.92	-3.36	74.0	24.08	Peak	253.00	300	Horizontal	Pass
2**	4389.200	41.02	-3.36	54.0	12.98	AV	253.00	300	Horizontal	Pass
3	5756.800	97.01	-1.82	--	--	Peak	140.00	200	Horizontal	N/A
3**	5756.800	89.45	-1.82	--	--	AV	140.00	200	Horizontal	N/A
4	7339.537	49.23	-2.93	74.0	24.77	Peak	151.00	400	Horizontal	Pass
4**	7339.537	41.27	-2.93	54.0	12.73	AV	151.00	400	Horizontal	Pass
5	12406.438	53.29	1.47	74.0	20.71	Peak	64.00	150	Horizontal	Pass
5**	12406.438	43.48	1.47	54.0	10.52	AV	64.00	150	Horizontal	Pass
6	15831.487	53.21	1.48	74.0	20.79	Peak	160.00	150	Horizontal	Pass
6**	15831.487	47.93	1.48	54.0	6.07	AV	160.00	150	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	1504.200	39.30	-16.90	74.0	34.70	Peak	222.00	400	Vertical	Pass
1**	1504.200	29.26	-16.90	54.0	24.74	AV	222.00	400	Vertical	Pass
2	4378.200	50.86	-3.44	74.0	23.14	Peak	293.00	400	Vertical	Pass
2**	4378.200	41.84	-3.44	54.0	12.16	AV	293.00	400	Vertical	Pass
3	5753.200	95.07	-2.03	--	--	Peak	207.00	150	Vertical	N/A
3**	5753.200	87.56	-2.03	--	--	AV	207.00	150	Vertical	N/A
4	7593.400	50.34	-3.04	74.0	23.66	Peak	130.00	300	Vertical	Pass
4**	7593.400	39.65	-3.04	54.0	14.35	AV	130.00	300	Vertical	Pass
5	12699.112	53.24	0.84	74.0	20.76	Peak	164.00	100	Vertical	Pass
5**	12699.112	43.78	0.84	54.0	10.22	AV	164.00	100	Vertical	Pass
6	15790.012	55.83	2.01	74.0	18.17	Peak	133.00	200	Vertical	Pass
6**	15790.012	46.81	2.01	54.0	7.19	AV	133.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.200	41.21	-17.17	74.0	32.79	Peak	256.00	100	Horizontal	Pass
1**	1534.200	36.14	-17.17	54.0	17.86	AV	256.00	100	Horizontal	Pass
2	4374.400	50.33	-4.00	74.0	23.67	Peak	36.00	300	Horizontal	Pass
2**	4374.400	40.76	-4.00	54.0	13.24	AV	36.00	300	Horizontal	Pass
3	5796.400	95.76	-1.70	--	--	Peak	149.00	100	Horizontal	N/A
3**	5796.400	88.43	-1.70	--	--	AV	149.00	100	Horizontal	N/A
4	7334.075	49.96	-3.17	74.0	24.04	Peak	0.00	100	Horizontal	Pass
4**	7334.075	40.43	-3.17	54.0	13.57	AV	0.00	100	Horizontal	Pass
5	11521.800	52.84	-0.45	74.0	21.16	Peak	141.00	100	Horizontal	Pass
5**	11521.800	43.38	-0.45	54.0	10.62	AV	141.00	100	Horizontal	Pass
6	15791.325	56.10	2.05	74.0	17.90	Peak	0.00	300	Horizontal	Pass
6**	15791.325	46.05	2.05	54.0	7.95	AV	0.00	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	1585.900	39.29	-16.83	74.0	34.71	Peak	11.00	200	Vertical	Pass
1**	1585.900	30.91	-16.83	54.0	23.09	AV	11.00	200	Vertical	Pass
2	4386.000	49.97	-3.30	74.0	24.03	Peak	81.00	300	Vertical	Pass
2**	4386.000	41.41	-3.30	54.0	12.59	AV	81.00	300	Vertical	Pass
3	5789.600	93.60	-1.80	--	--	Peak	20.00	100	Vertical	N/A
3**	5789.600	86.30	-1.80	--	--	AV	20.00	100	Vertical	N/A
4	7445.338	49.40	-3.16	74.0	24.60	Peak	212.00	400	Vertical	Pass
4**	7445.338	40.22	-3.16	54.0	13.78	AV	212.00	400	Vertical	Pass
5	12525.463	53.10	1.36	74.0	20.90	Peak	116.00	200	Vertical	Pass
5**	12525.463	43.39	1.36	54.0	10.61	AV	116.00	200	Vertical	Pass
6	15825.974	55.84	1.61	74.0	18.16	Peak	120.00	200	Vertical	Pass
6**	15825.974	47.03	1.61	54.0	6.97	AV	120.00	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	1586.500	38.79	-16.90	74.0	35.21	Peak	200.00	100	Horizontal	Pass
1**	1586.500	29.91	-16.90	54.0	24.09	AV	200.00	100	Horizontal	Pass
2	4364.400	49.79	-4.01	74.0	24.21	Peak	187.00	200	Horizontal	Pass
2**	4364.400	40.64	-4.01	54.0	13.36	AV	187.00	200	Horizontal	Pass
3	5781.400	94.81	-1.49	--	--	Peak	152.00	200	Horizontal	N/A
3**	5781.400	86.71	-1.49	--	--	AV	152.00	200	Horizontal	N/A
4	7463.450	49.79	-3.57	74.0	24.21	Peak	299.00	200	Horizontal	Pass
4**	7463.450	39.81	-3.57	54.0	14.19	AV	299.00	200	Horizontal	Pass
5	12289.138	53.71	1.68	74.0	20.29	Peak	360.00	150	Horizontal	Pass
5**	12289.138	43.75	1.68	54.0	10.25	AV	360.00	150	Horizontal	Pass
6	16101.599	56.01	1.13	74.0	17.99	Peak	0.00	400	Horizontal	Pass
6**	16101.599	46.81	1.13	54.0	7.19	AV	0.00	400	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	1589.100	39.62	-17.16	74.0	34.38	Peak	321.00	200	Vertical	Pass
1**	1589.100	29.19	-17.16	54.0	24.81	AV	321.00	200	Vertical	Pass
2	3671.200	50.00	-5.70	74.0	24.00	Peak	107.00	300	Vertical	Pass
2**	3671.200	39.79	-5.70	54.0	14.21	AV	107.00	300	Vertical	Pass
3	5781.000	93.07	-1.58	--	--	Peak	26.00	100	Vertical	N/A
3**	5781.000	85.46	-1.58	--	--	AV	26.00	100	Vertical	N/A
4	7339.825	49.90	-2.95	74.0	24.10	Peak	138.00	100	Vertical	Pass
4**	7339.825	40.94	-2.95	54.0	13.06	AV	138.00	100	Vertical	Pass
5	11620.412	52.94	-0.04	74.0	21.06	Peak	104.00	100	Vertical	Pass
5**	11620.412	43.00	-0.04	54.0	11.00	AV	104.00	100	Vertical	Pass
6	15814.688	55.83	2.07	74.0	18.17	Peak	360.00	200	Vertical	Pass
6**	15814.688	47.06	2.07	54.0	6.94	AV	360.00	200	Vertical	Pass

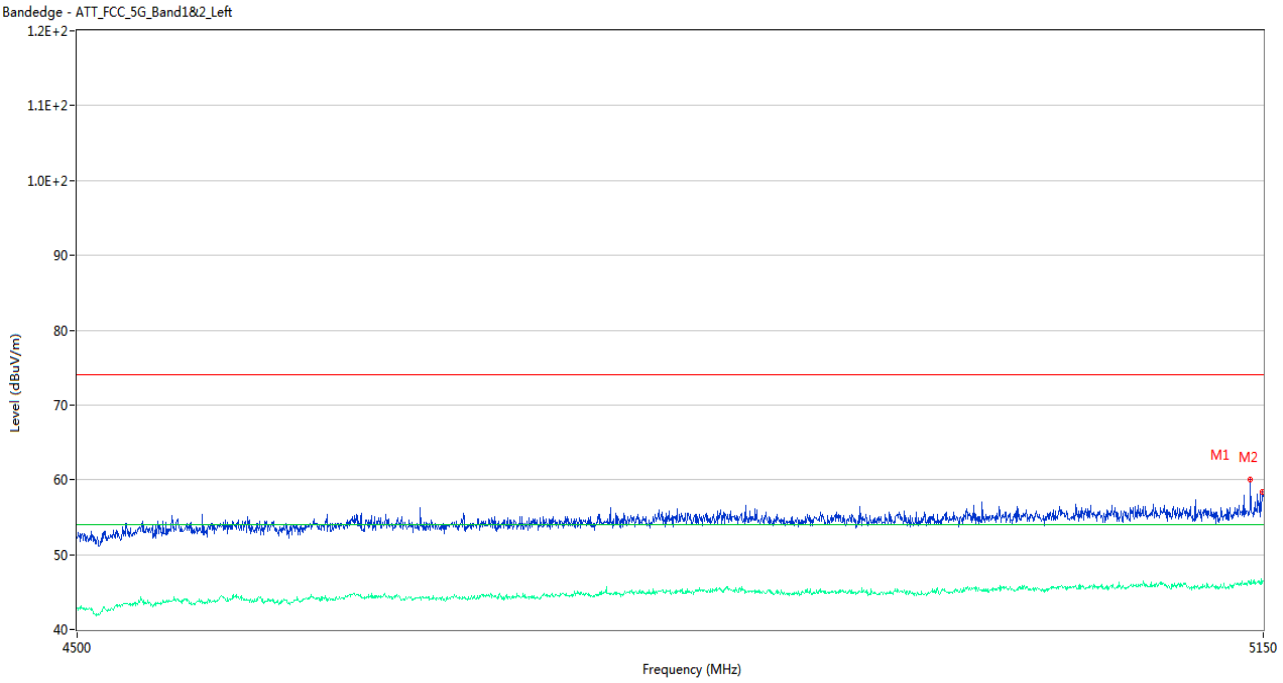
A.6.2 Band Edge (Restricted-band)

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

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

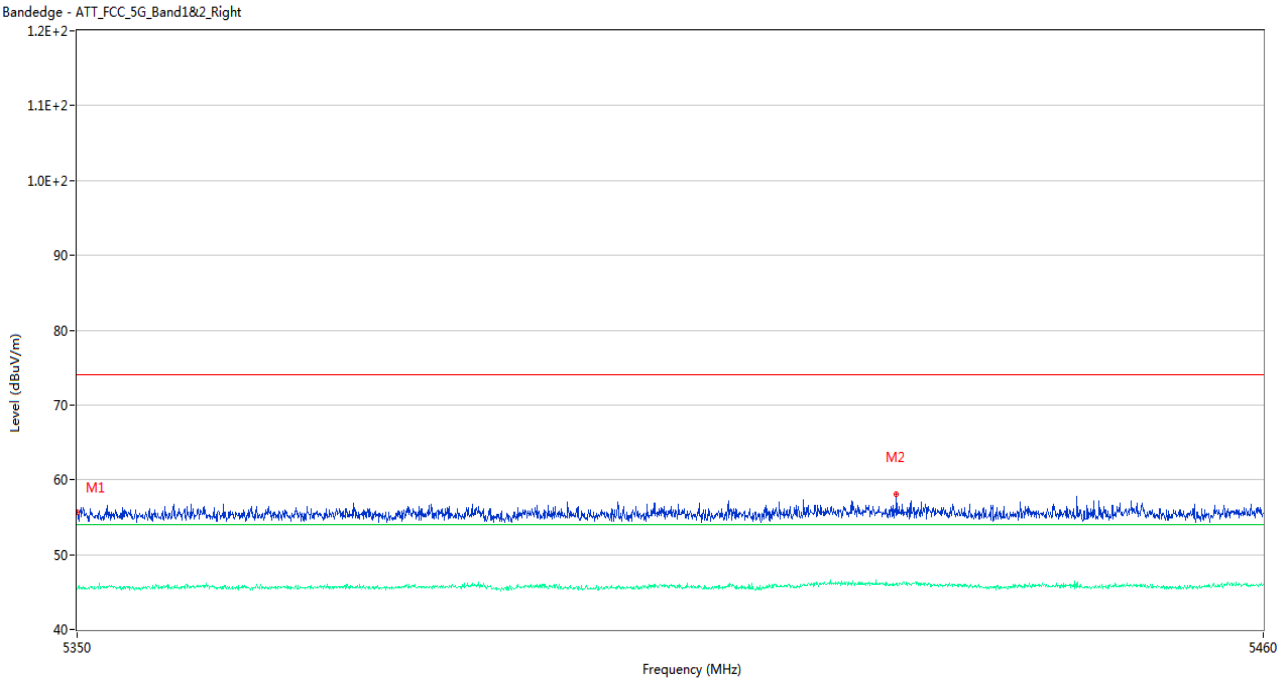
Test Data and Plots

U-NII-1 11a Low Channel



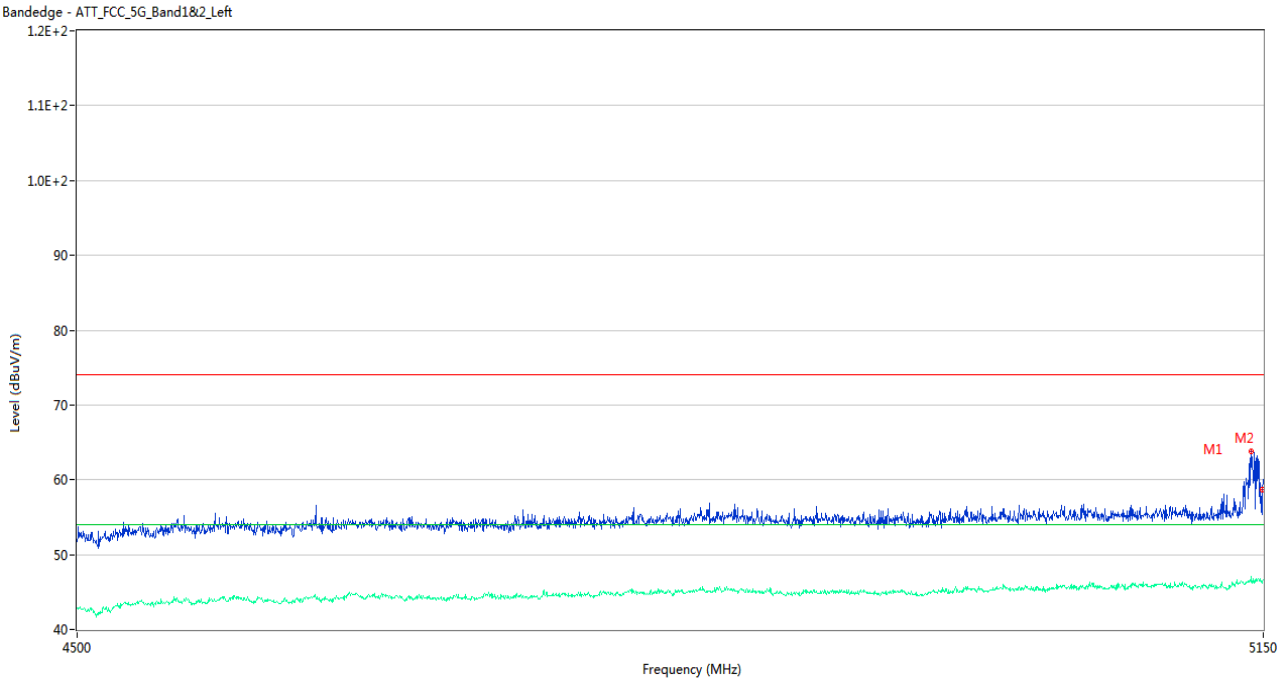
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5142.525	60.10	2.44	74.0	13.90	Peak	161.00	200	Horizontal	Pass
1**	5142.525	46.10	2.44	54.0	7.90	AV	161.00	200	Horizontal	Pass
2	5149.675	58.44	2.07	74.0	15.56	Peak	161.00	100	Horizontal	Pass
2**	5149.675	46.53	2.07	54.0	7.47	AV	161.00	100	Horizontal	Pass

U-NII-1 11a High Channel



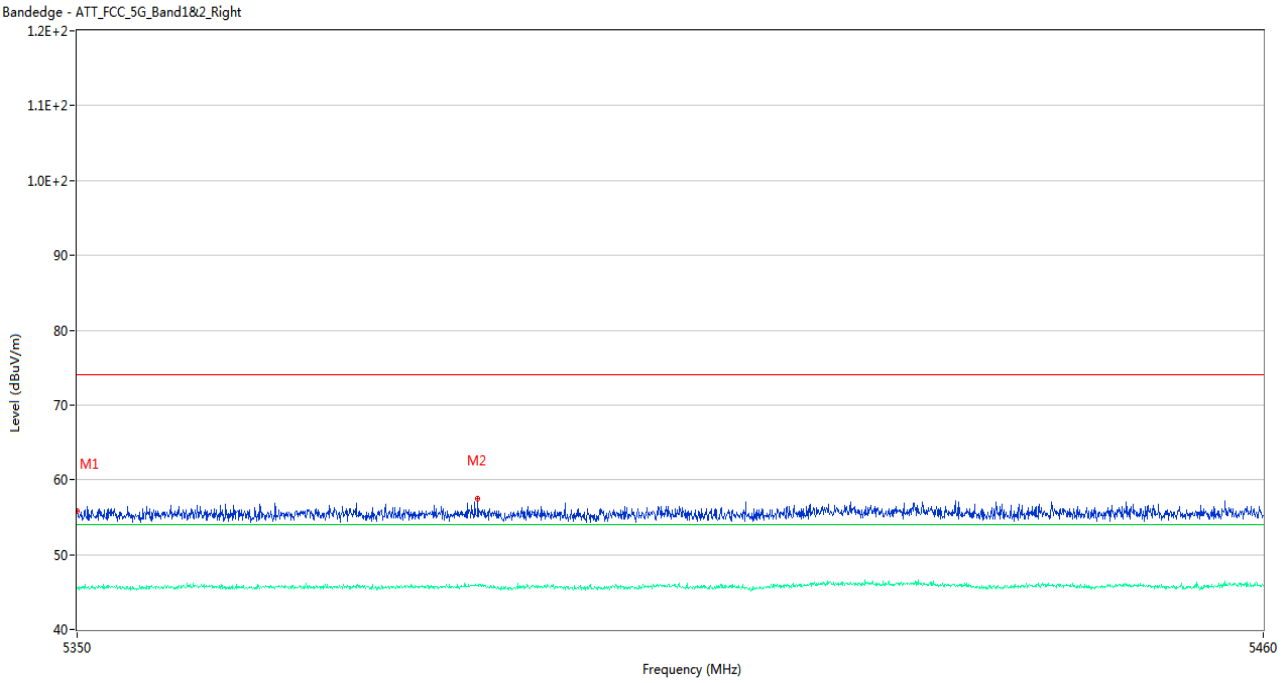
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.68	1.93	74.0	18.32	Peak	293.00	100	Horizontal	Pass
1**	5350.000	45.43	1.93	54.0	8.57	AV	293.00	100	Horizontal	Pass
2	5425.735	58.02	2.38	74.0	15.98	Peak	229.00	150	Horizontal	Pass
2**	5425.735	46.16	2.38	54.0	7.84	AV	229.00	150	Horizontal	Pass

U-NII-1 11n20 Low Channel



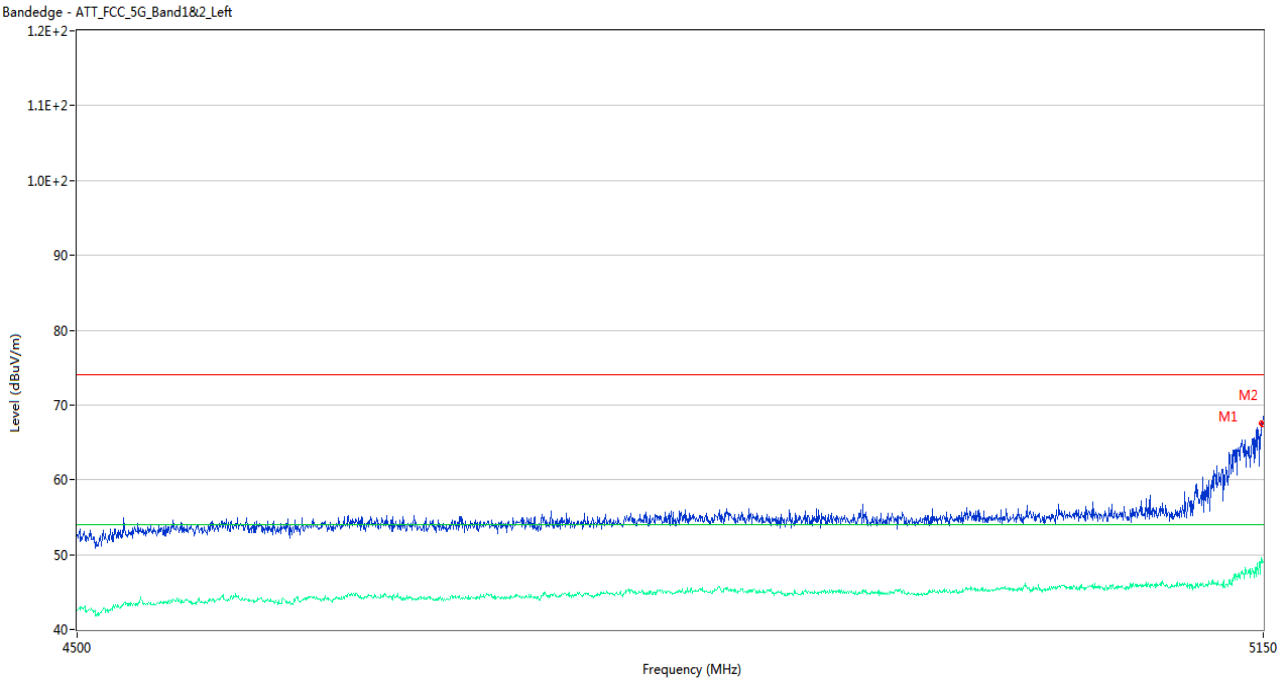
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5142.850	63.86	2.43	74.0	10.14	Peak	152.00	100	Horizontal	Pass
1**	5142.850	46.37	2.43	54.0	7.63	AV	152.00	100	Horizontal	Pass
2	5149.675	58.75	2.07	74.0	15.25	Peak	168.00	150	Horizontal	Pass
2**	5149.675	46.33	2.07	54.0	7.67	AV	168.00	150	Horizontal	Pass

U-NII-1 11n20 High Channel



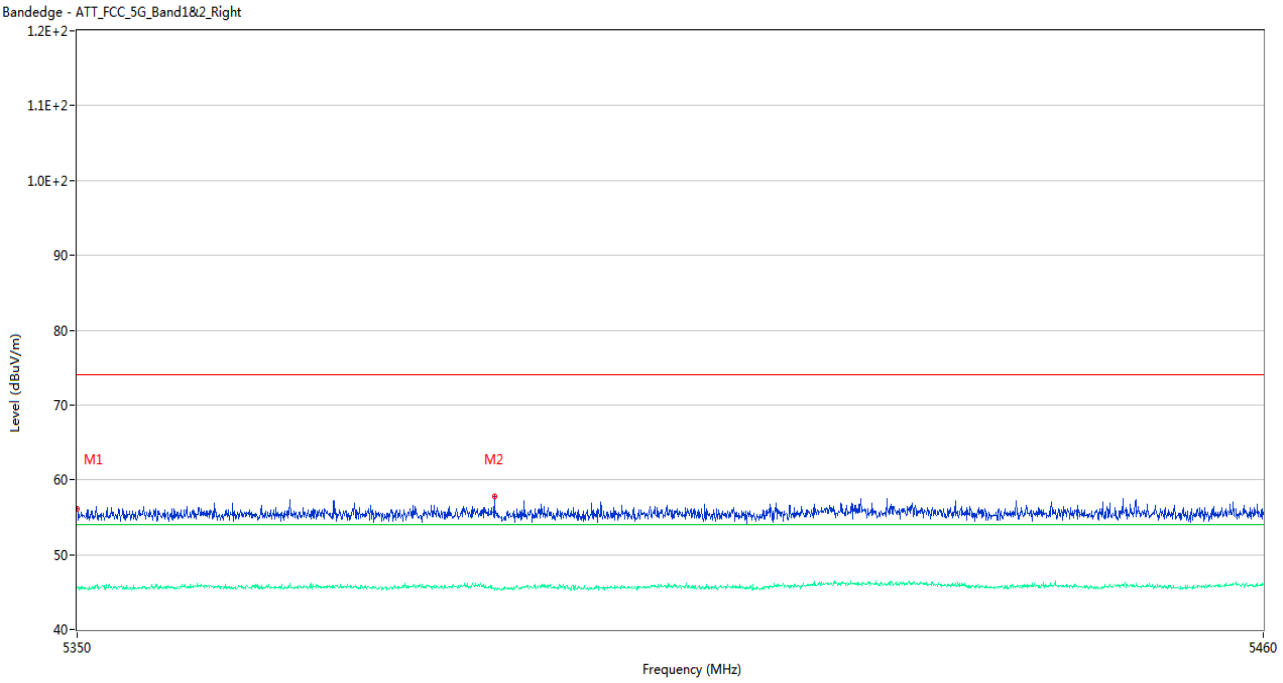
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.84	1.93	74.0	18.16	Peak	59.00	200	Horizontal	Pass
1**	5350.000	45.51	1.93	54.0	8.49	AV	59.00	200	Horizontal	Pass
2	5386.905	57.54	2.37	74.0	16.46	Peak	219.00	100	Horizontal	Pass
2**	5386.905	45.91	2.37	54.0	8.09	AV	219.00	100	Horizontal	Pass

U-NII-1 11n40 Low Channel



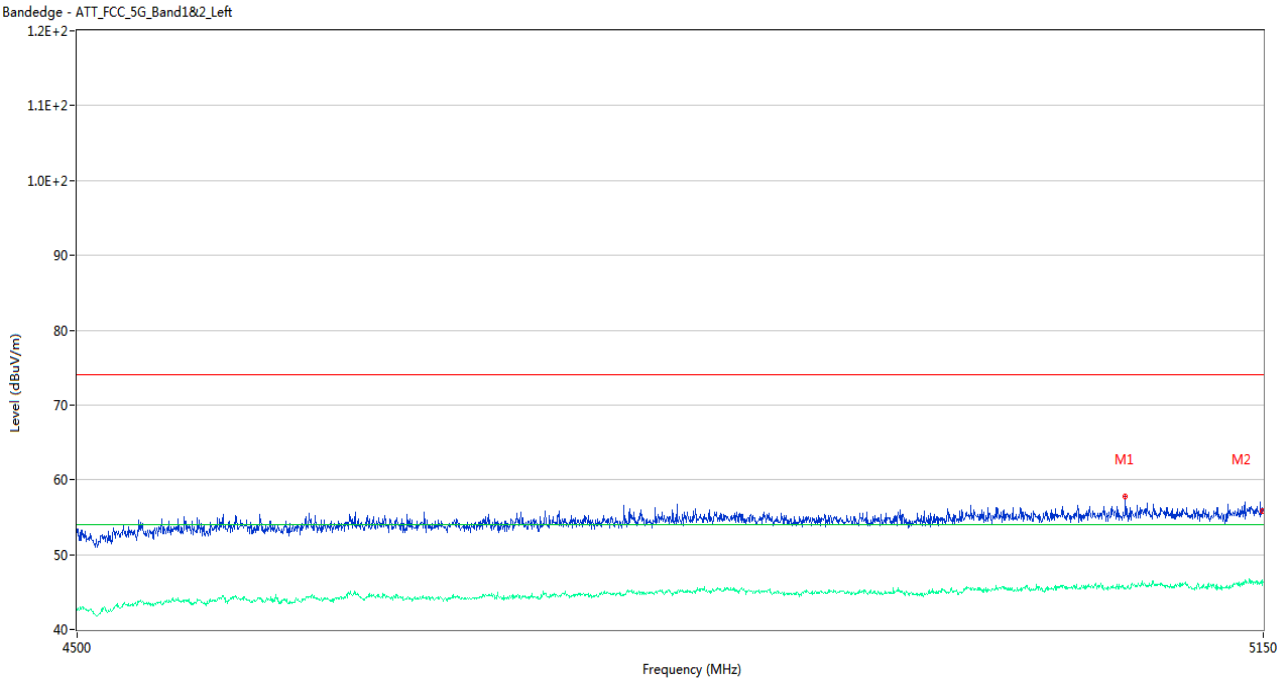
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	67.51	2.02	74.0	6.49	Peak	166.00	100	Horizontal	Pass
1**	5149.025	49.59	2.02	54.0	4.41	AV	166.00	100	Horizontal	Pass
2	5149.675	67.36	2.07	74.0	6.64	Peak	151.00	100	Horizontal	Pass
2**	5149.675	48.87	2.07	54.0	5.13	AV	151.00	100	Horizontal	Pass

U-NII-1 11n40 High Channel



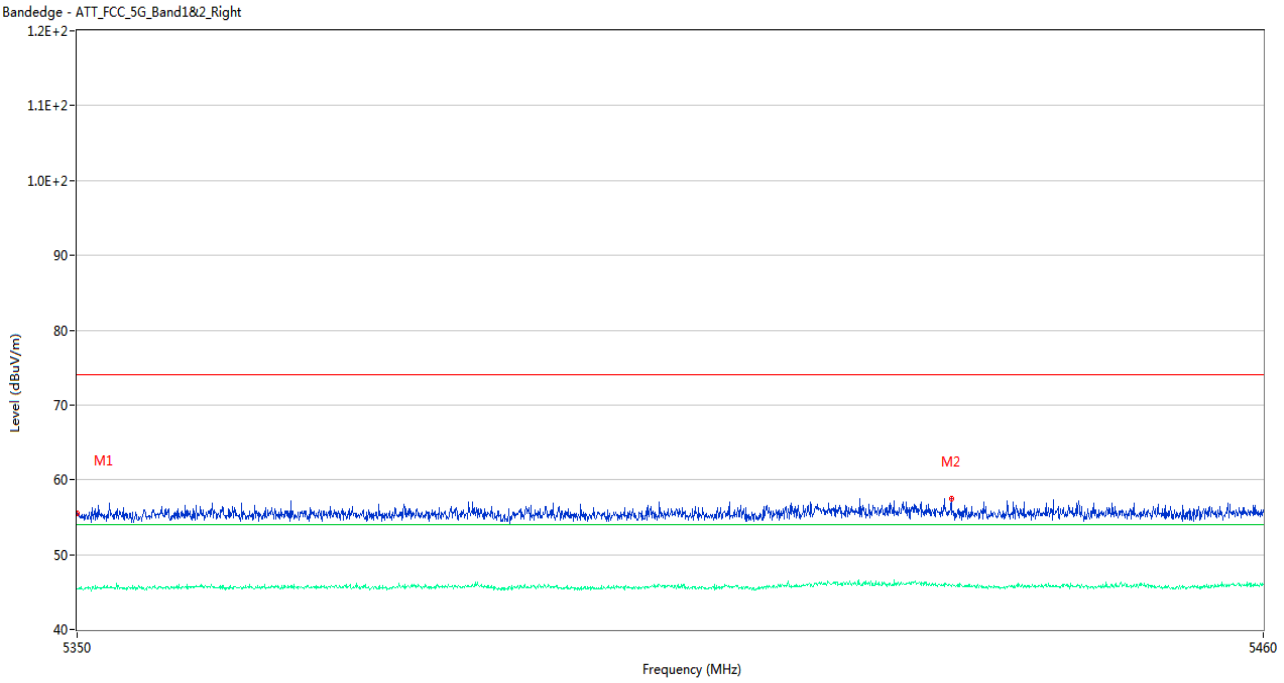
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.19	1.93	74.0	17.81	Peak	137.00	200	Horizontal	Pass
1**	5350.000	45.58	1.93	54.0	8.42	AV	137.00	200	Horizontal	Pass
2	5388.445	57.78	2.01	74.0	16.22	Peak	254.00	150	Horizontal	Pass
2**	5388.445	45.28	2.01	54.0	8.72	AV	254.00	150	Horizontal	Pass

U-NII-1 11ac20 Low Channel



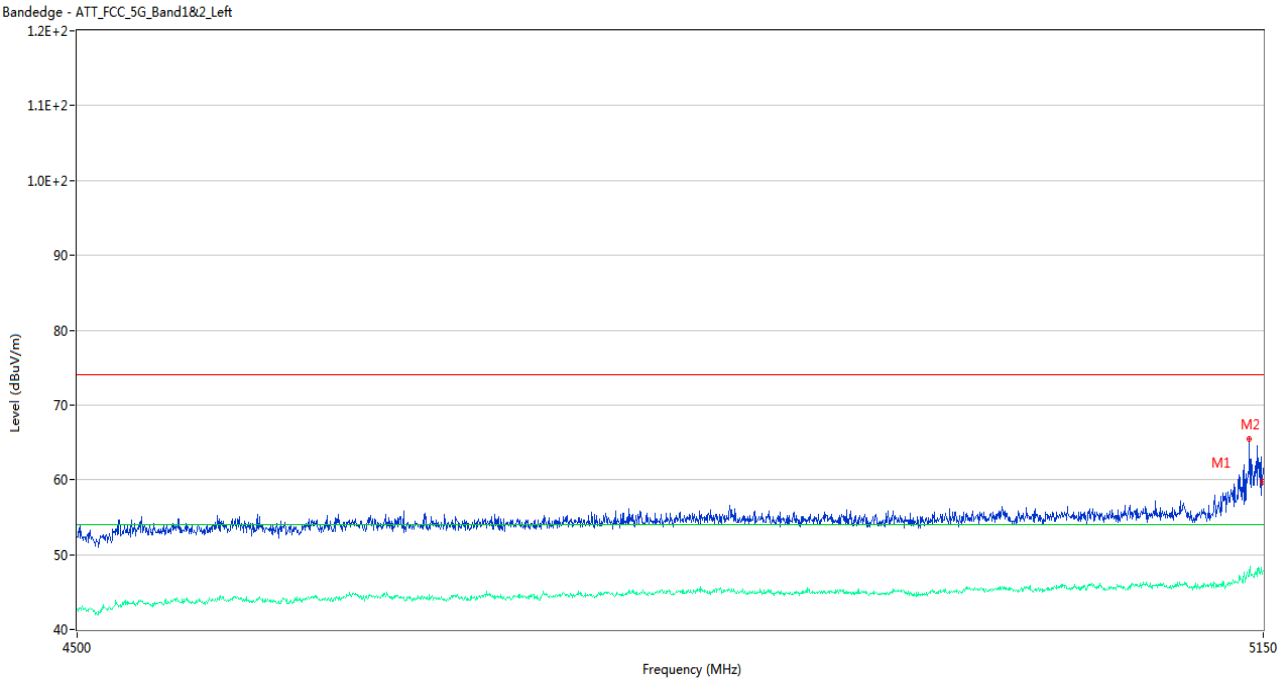
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5069.725	57.78	1.90	74.0	16.22	Peak	166.00	150	Horizontal	Pass
1**	5069.725	45.43	1.90	54.0	8.57	AV	166.00	150	Horizontal	Pass
2	5149.675	55.83	2.07	74.0	18.17	Peak	164.00	100	Horizontal	Pass
2**	5149.675	46.66	2.07	54.0	7.34	AV	164.00	100	Horizontal	Pass

U-NII-1 11ac20 High Channel



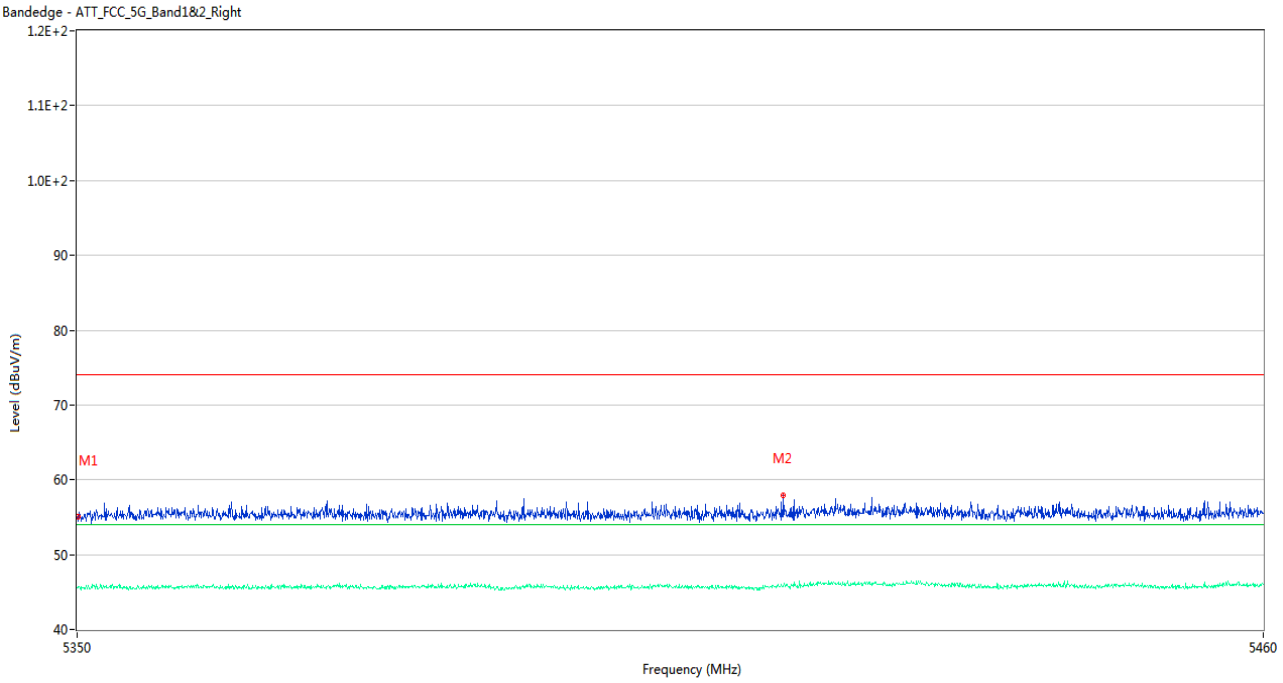
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.57	1.93	74.0	18.43	Peak	150.00	200	Horizontal	Pass
1**	5350.000	45.40	1.93	54.0	8.60	AV	150.00	200	Horizontal	Pass
2	5430.850	57.51	2.29	74.0	16.49	Peak	321.00	100	Horizontal	Pass
2**	5430.850	45.75	2.29	54.0	8.25	AV	321.00	100	Horizontal	Pass

U-NII-1 11ac40 Low Channel



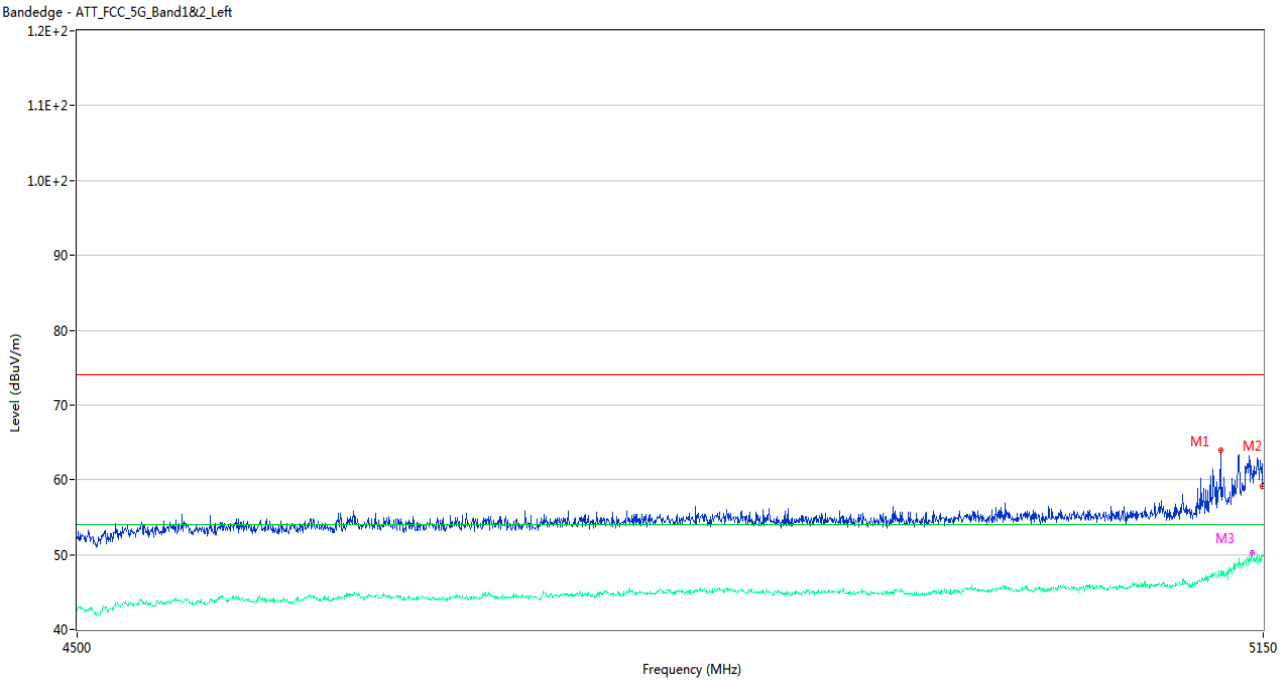
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.875	65.43	2.42	74.0	8.57	Peak	162.00	150	Horizontal	Pass
1**	5141.875	47.62	2.42	54.0	6.38	AV	162.00	150	Horizontal	Pass
2	5149.675	59.79	2.07	74.0	14.21	Peak	162.00	150	Horizontal	Pass
2**	5149.675	47.56	2.07	54.0	6.44	AV	162.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel



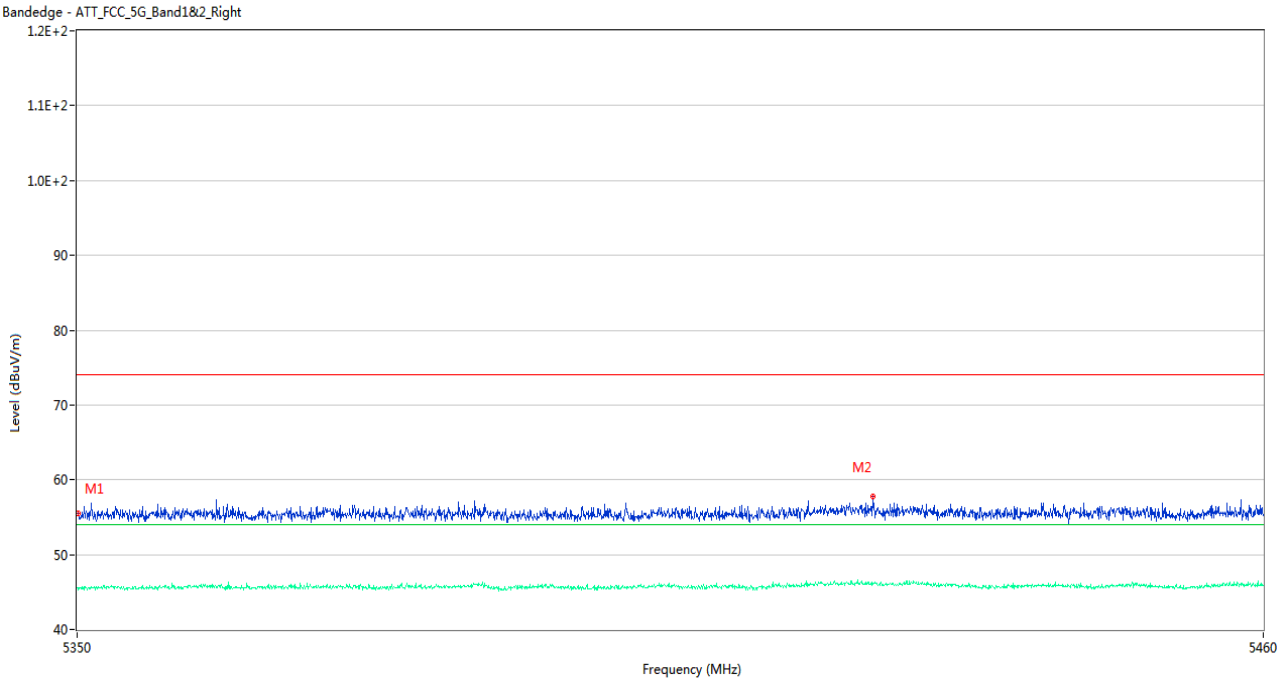
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.06	1.93	74.0	18.94	Peak	349.00	200	Horizontal	Pass
1**	5350.055	45.68	1.93	54.0	8.32	AV	349.00	200	Horizontal	Pass
2	5415.230	57.97	2.16	74.0	16.03	Peak	323.00	200	Horizontal	Pass
2**	5415.230	45.78	2.16	54.0	8.22	AV	323.00	200	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



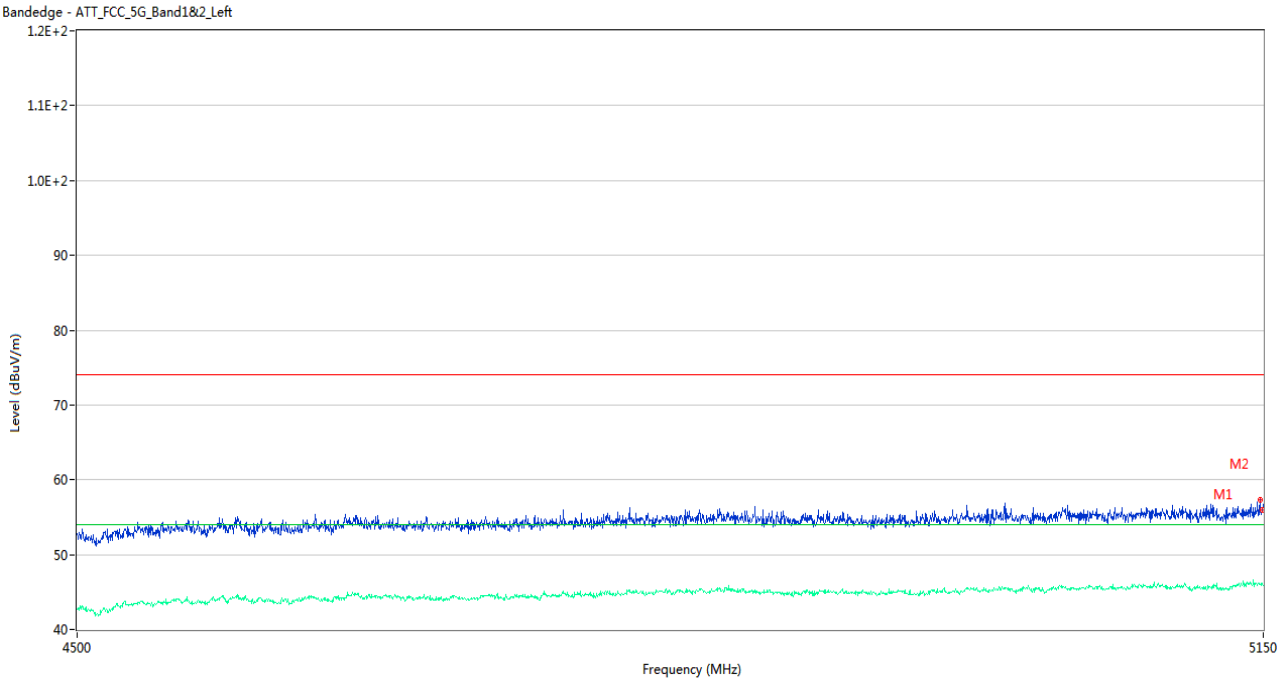
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5124.975	63.94	2.02	74.0	10.06	Peak	167.00	100	Horizontal	Pass
1**	5124.975	47.27	2.02	54.0	6.73	AV	167.00	100	Horizontal	Pass
2	5149.675	59.13	2.07	74.0	14.87	Peak	149.00	200	Horizontal	Pass
2**	5149.675	50.02	2.07	54.0	3.98	AV	149.00	200	Horizontal	Pass
3	5143.500	60.75	2.37	74.0	13.25	Peak	162.00	150	Horizontal	Pass
3**	5143.500	50.28	2.37	54.0	3.72	AV	162.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



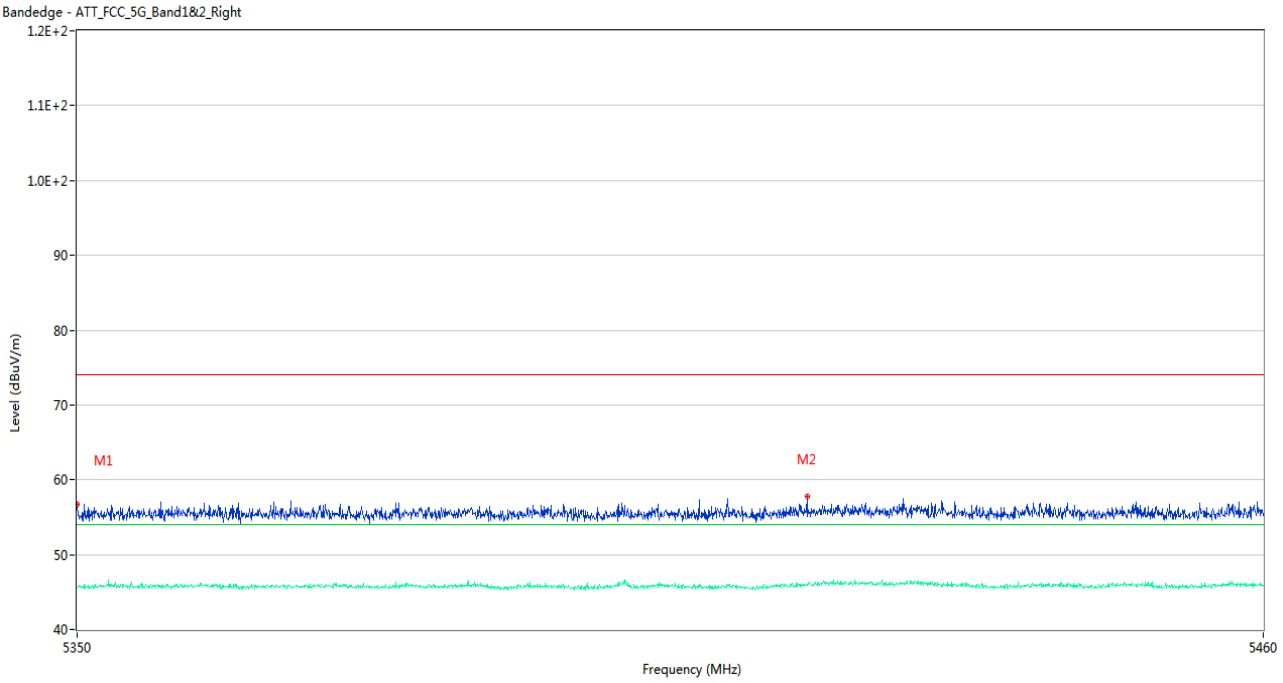
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.57	1.93	74.0	18.43	Peak	312.00	150	Horizontal	Pass
1**	5350.055	45.59	1.93	54.0	8.41	AV	312.00	150	Horizontal	Pass
2	5423.590	57.80	2.43	74.0	16.20	Peak	36.00	150	Horizontal	Pass
2**	5423.590	46.03	2.43	54.0	7.97	AV	36.00	150	Horizontal	Pass

U-NII-2A 11a Low Channel



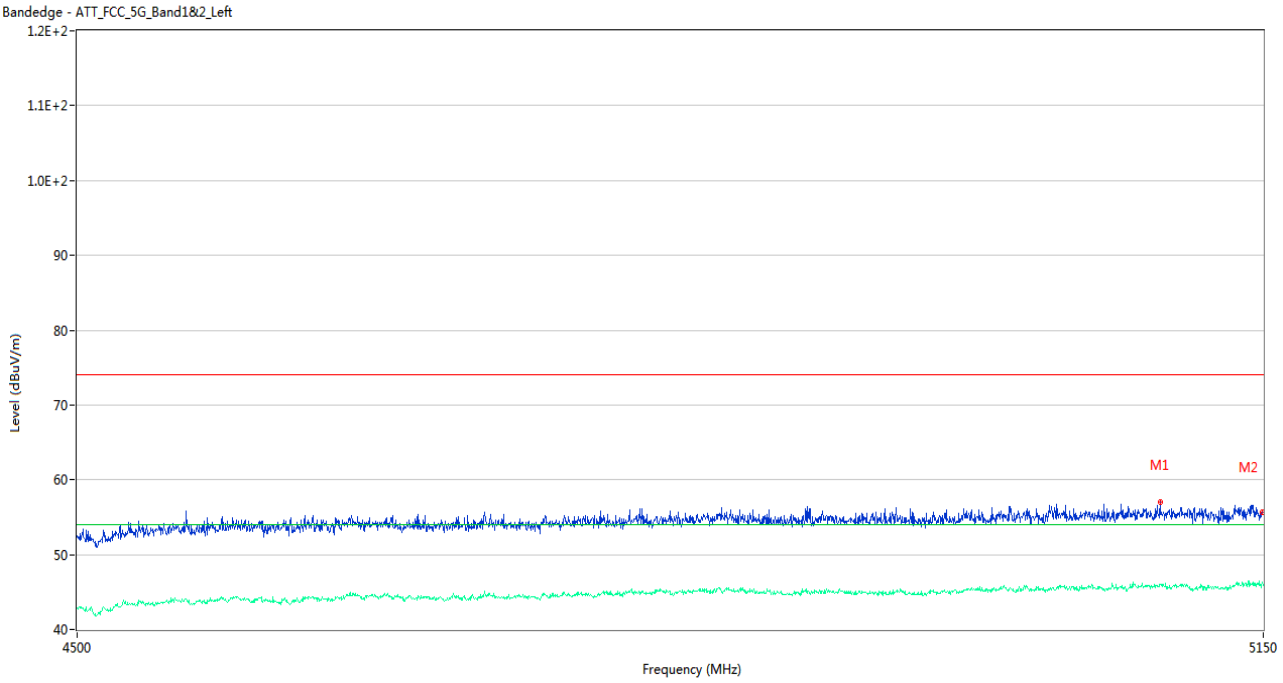
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.050	57.26	2.14	74.0	16.74	Peak	153.00	200	Horizontal	Pass
1**	5148.050	45.99	2.14	54.0	8.01	AV	153.00	200	Horizontal	Pass
2	5149.675	56.02	2.07	74.0	17.98	Peak	153.00	200	Horizontal	Pass
2**	5149.675	46.11	2.07	54.0	7.89	AV	153.00	200	Horizontal	Pass

U-NII-2A 11a High Channel



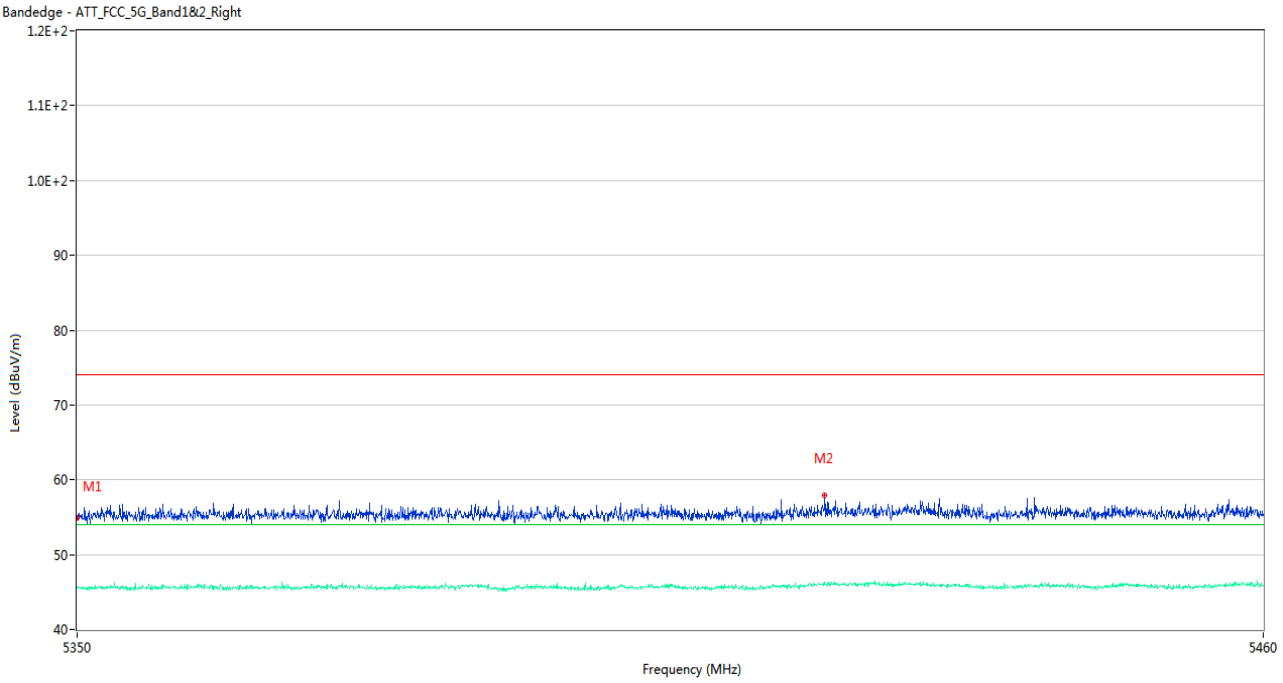
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.78	1.93	74.0	17.22	Peak	161.00	150	Horizontal	Pass
1**	5350.000	45.64	1.93	54.0	8.36	AV	161.00	150	Horizontal	Pass
2	5417.430	57.80	2.25	74.0	16.20	Peak	357.00	200	Horizontal	Pass
2**	5417.430	45.86	2.25	54.0	8.14	AV	357.00	200	Horizontal	Pass

U-NII-2A 11n20 Low Channel



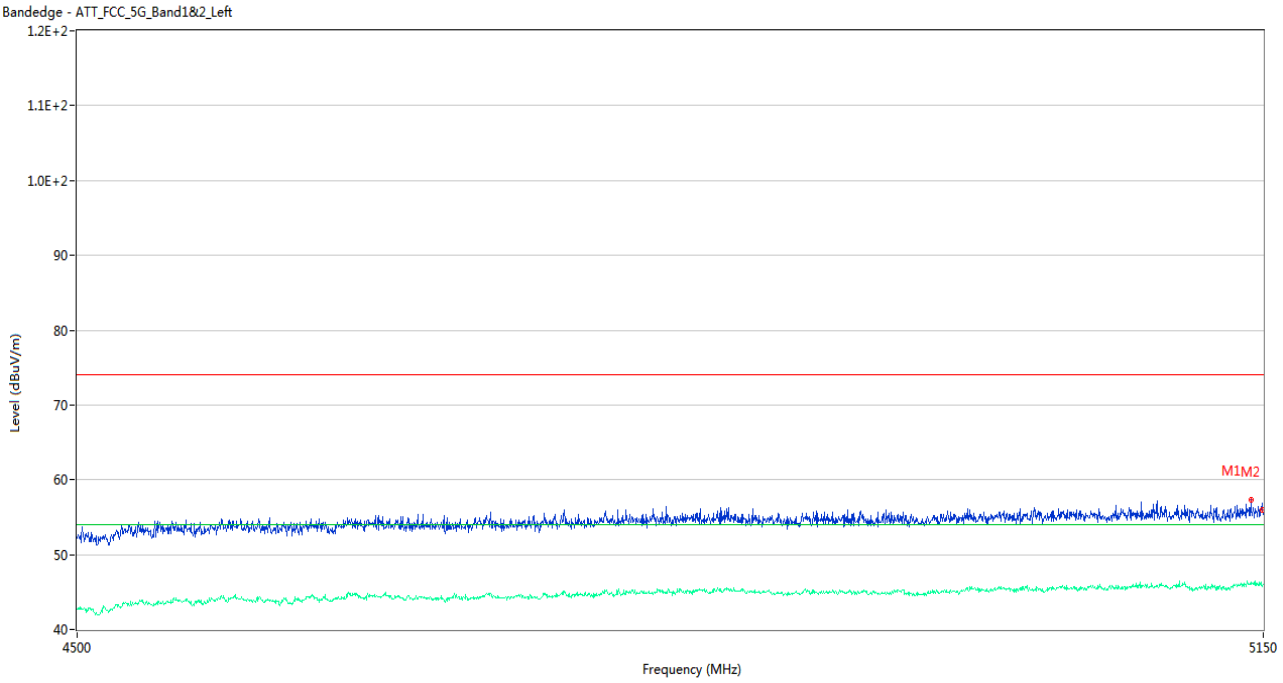
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5089.875	57.04	2.43	74.0	16.96	Peak	181.00	100	Horizontal	Pass
1**	5089.875	45.96	2.43	54.0	8.04	AV	181.00	100	Horizontal	Pass
2	5149.675	55.66	2.07	74.0	18.34	Peak	181.00	200	Horizontal	Pass
2**	5149.675	46.38	2.07	54.0	7.62	AV	181.00	200	Horizontal	Pass

U-NII-2A 11n20 High Channel



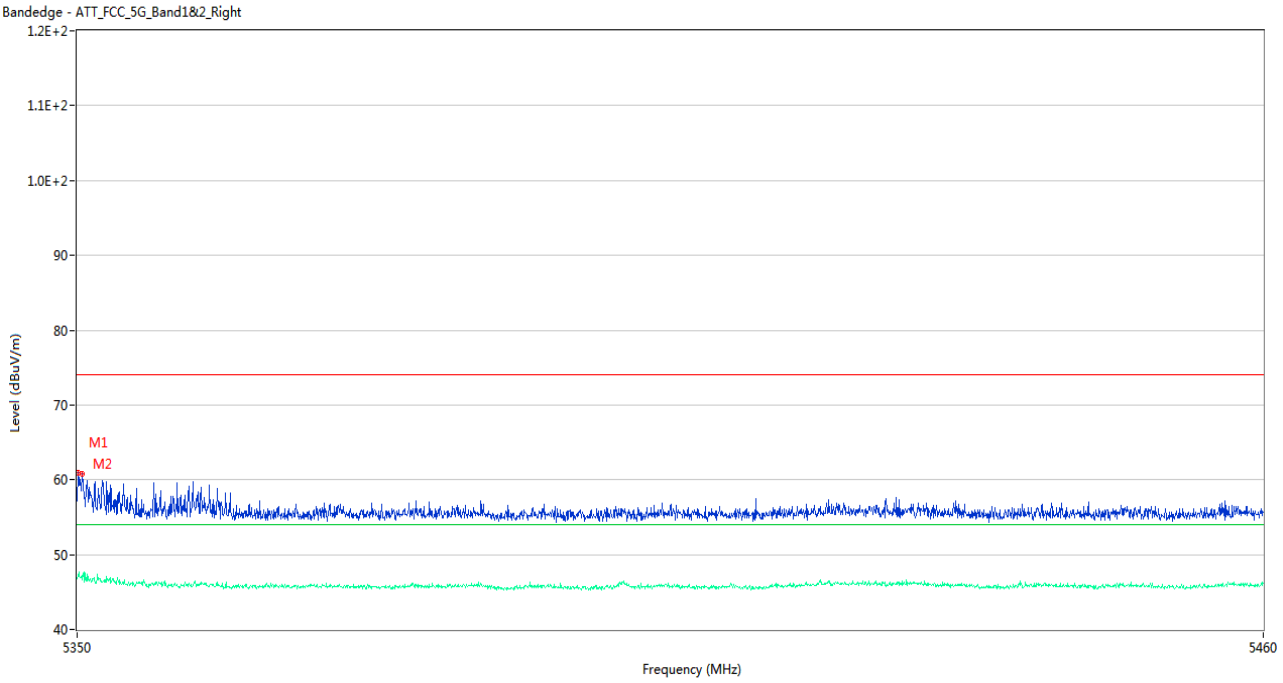
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.95	1.93	74.0	19.05	Peak	124.00	150	Horizontal	Pass
1**	5350.000	45.57	1.93	54.0	8.43	AV	124.00	150	Horizontal	Pass
2	5419.080	57.88	2.46	74.0	16.12	Peak	316.00	150	Horizontal	Pass
2**	5419.080	46.26	2.46	54.0	7.74	AV	316.00	150	Horizontal	Pass

U-NII-2A 11n40 Low Channel



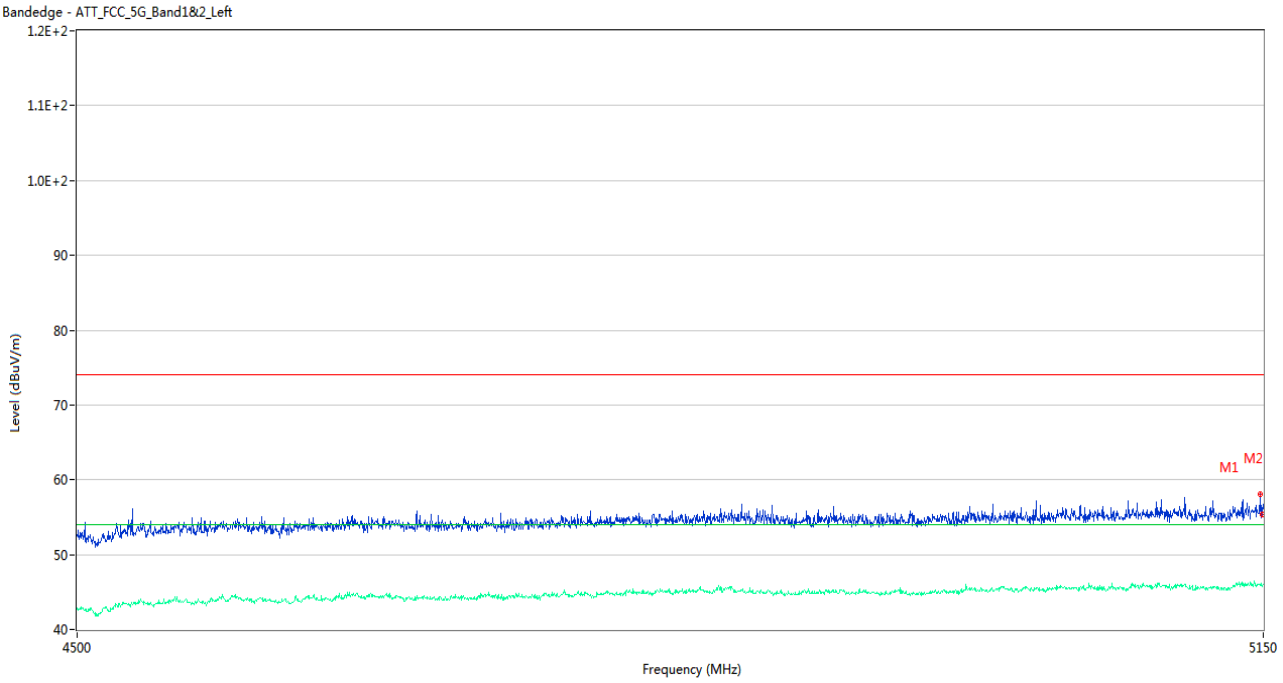
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5142.850	57.32	2.43	74.0	16.68	Peak	157.00	150	Horizontal	Pass
1**	5142.850	46.04	2.43	54.0	7.96	AV	157.00	150	Horizontal	Pass
2	5149.675	55.91	2.07	74.0	18.09	Peak	161.00	100	Horizontal	Pass
2**	5149.675	45.80	2.07	54.0	8.20	AV	161.00	100	Horizontal	Pass

U-NII-2A 11n40 High Channel



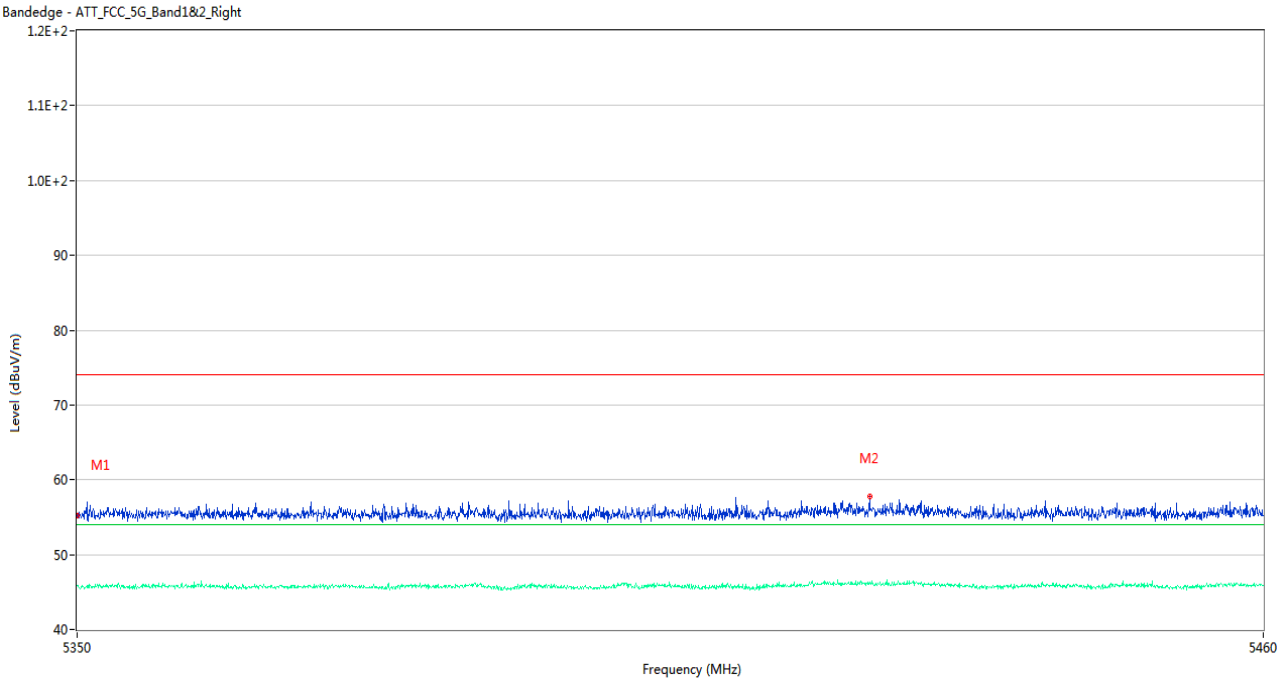
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	60.90	1.93	74.0	13.10	Peak	157.00	150	Horizontal	Pass
1**	5350.055	47.08	1.93	54.0	6.92	AV	157.00	150	Horizontal	Pass
2	5350.495	60.79	1.90	74.0	13.21	Peak	161.00	150	Horizontal	Pass
2**	5350.495	46.59	1.90	54.0	7.41	AV	161.00	150	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



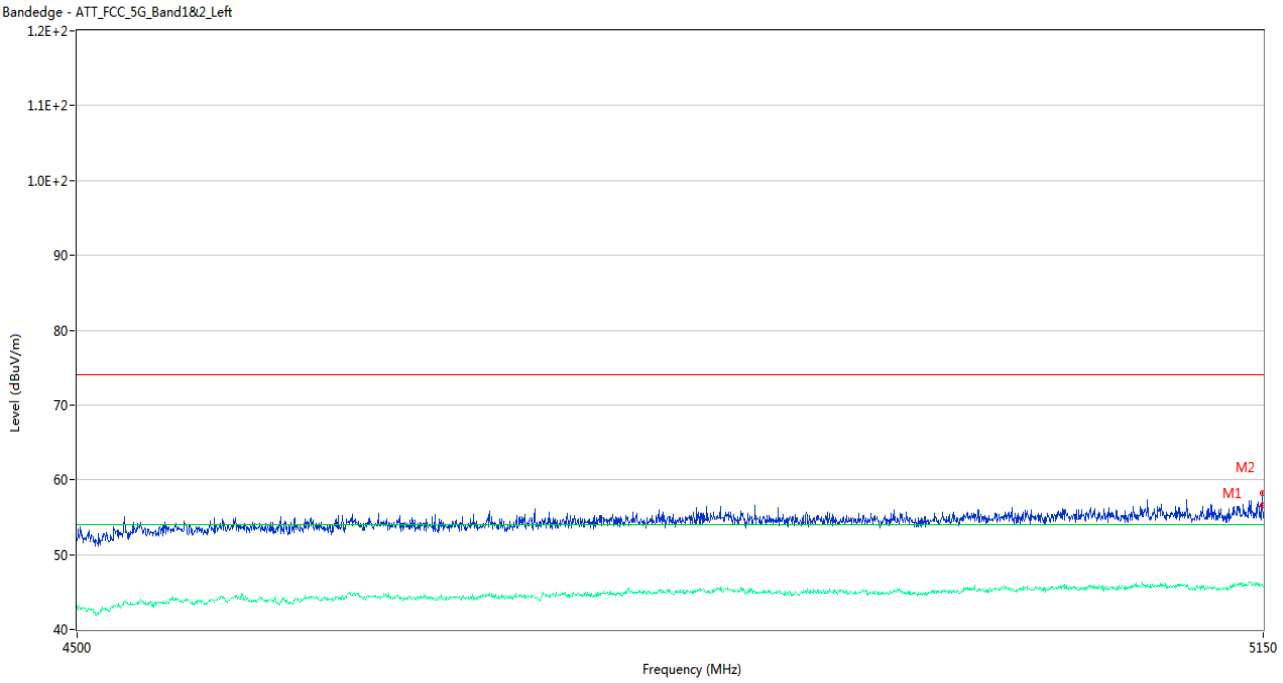
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.375	58.05	2.10	74.0	15.95	Peak	168.00	100	Horizontal	Pass
1**	5148.375	45.81	2.10	54.0	8.19	AV	168.00	100	Horizontal	Pass
2	5149.675	55.39	2.07	74.0	18.61	Peak	55.00	200	Horizontal	Pass
2**	5149.675	45.80	2.07	54.0	8.20	AV	55.00	200	Horizontal	Pass

U-NII-2A 11ac20 High Channel



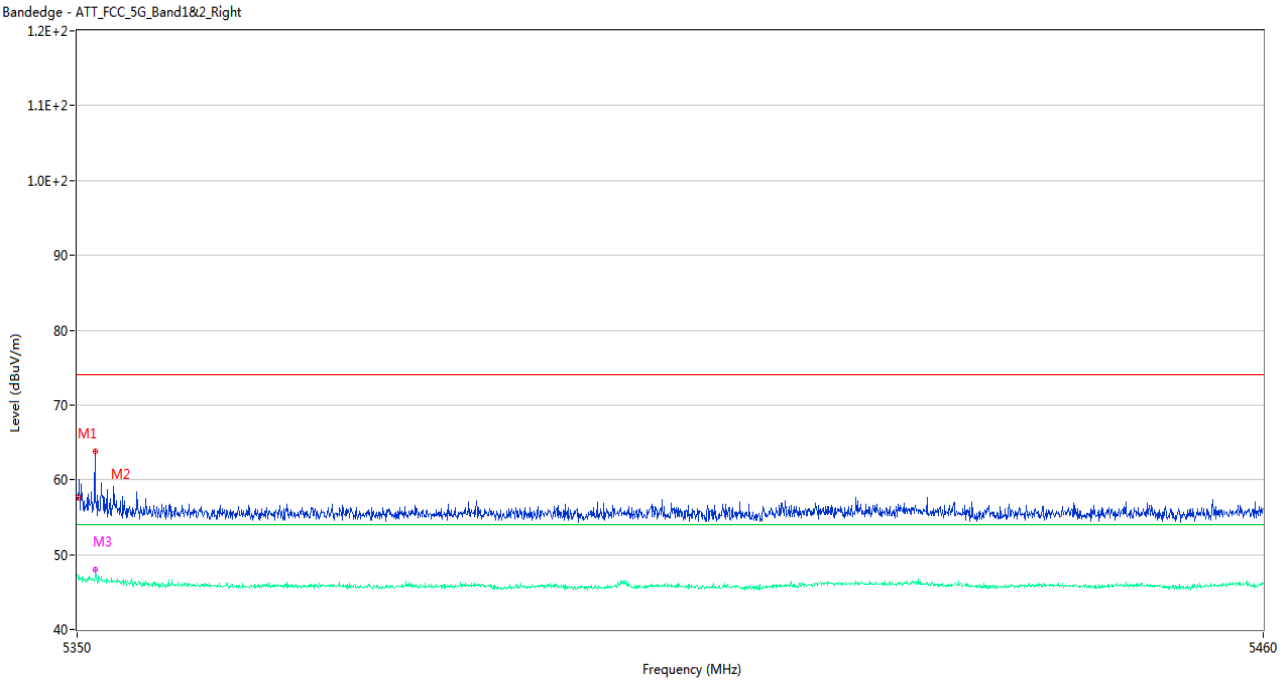
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.27	1.93	74.0	18.73	Peak	154.00	150	Horizontal	Pass
1**	5350.000	45.83	1.93	54.0	8.17	AV	154.00	150	Horizontal	Pass
2	5423.260	57.84	2.44	74.0	16.16	Peak	134.00	150	Horizontal	Pass
2**	5423.260	46.27	2.44	54.0	7.73	AV	134.00	150	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



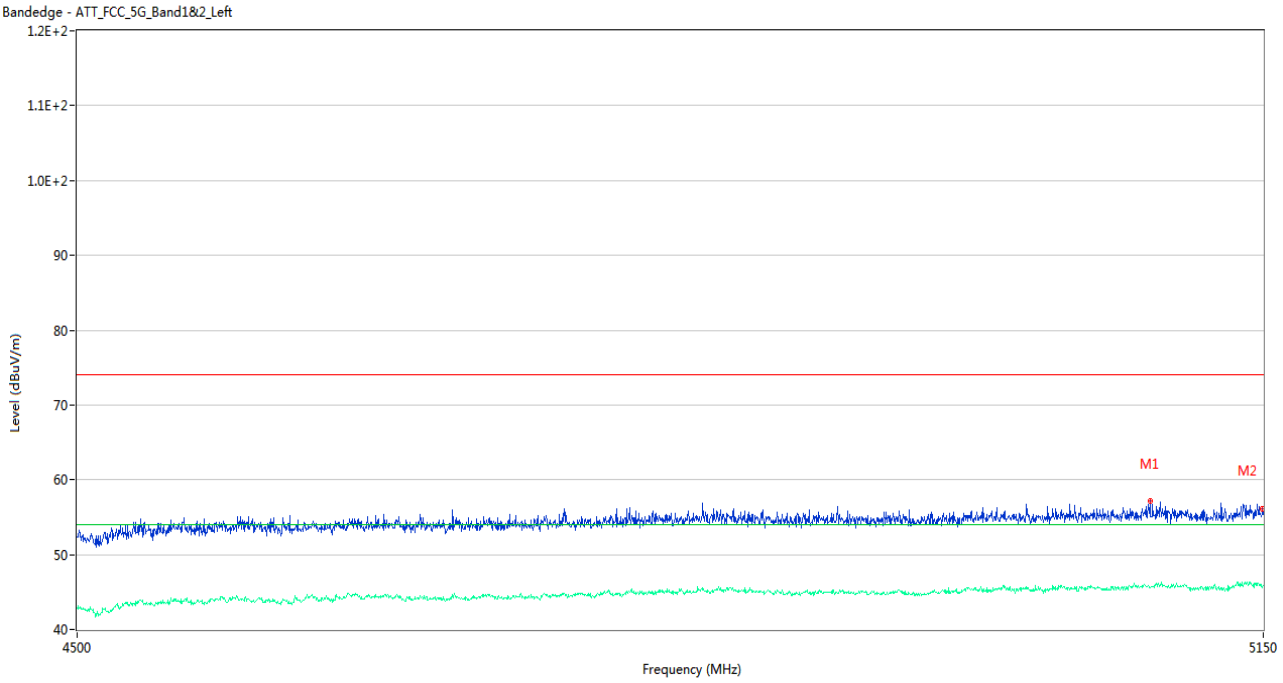
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	58.28	2.05	74.0	15.72	Peak	155.00	100	Horizontal	Pass
1**	5149.350	45.84	2.05	54.0	8.16	AV	155.00	100	Horizontal	Pass
2	5149.675	56.61	2.07	74.0	17.39	Peak	284.00	100	Horizontal	Pass
2**	5149.675	46.03	2.07	54.0	7.97	AV	284.00	100	Horizontal	Pass

U-NII-2A 11ac40 High Channel



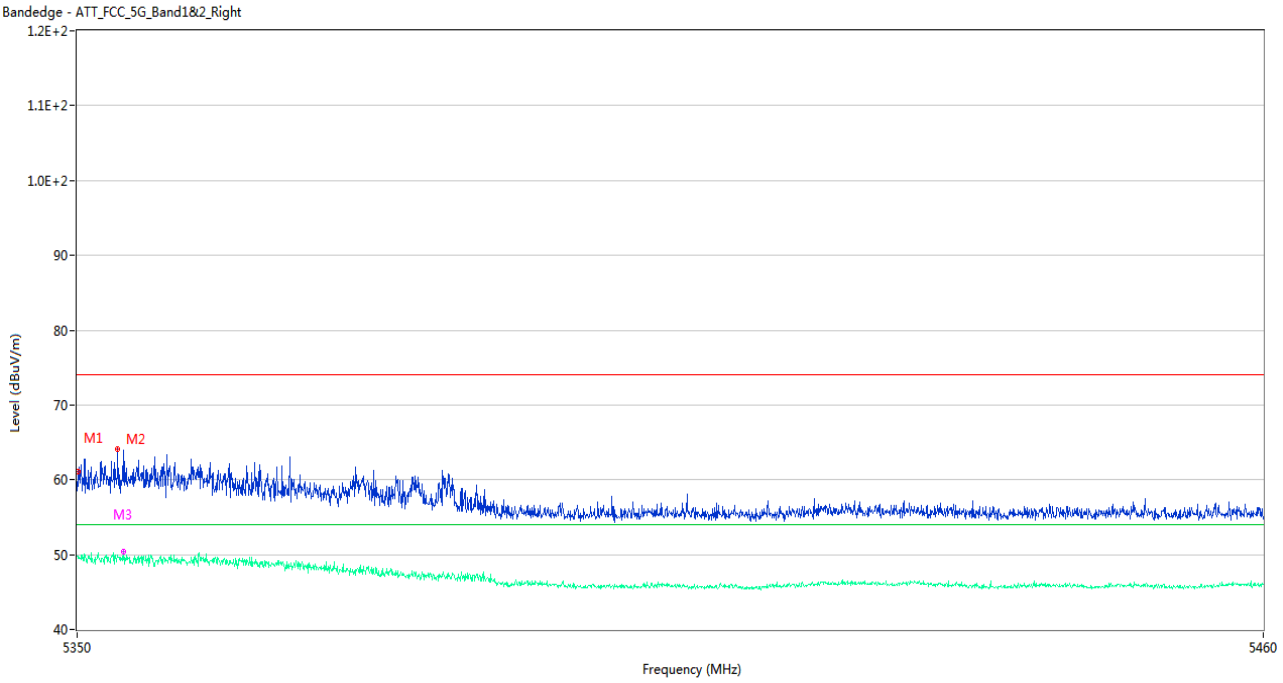
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	57.58	1.93	74.0	16.42	Peak	156.00	100	Horizontal	Pass
1**	5350.055	47.00	1.93	54.0	7.00	AV	156.00	100	Horizontal	Pass
2	5351.650	63.86	1.99	74.0	10.14	Peak	160.00	100	Horizontal	Pass
2**	5351.650	46.89	1.99	54.0	7.11	AV	160.00	100	Horizontal	Pass
3	5351.705	57.85	1.99	74.0	16.15	Peak	160.00	150	Horizontal	Pass
3**	5351.705	47.95	1.99	54.0	6.05	AV	160.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



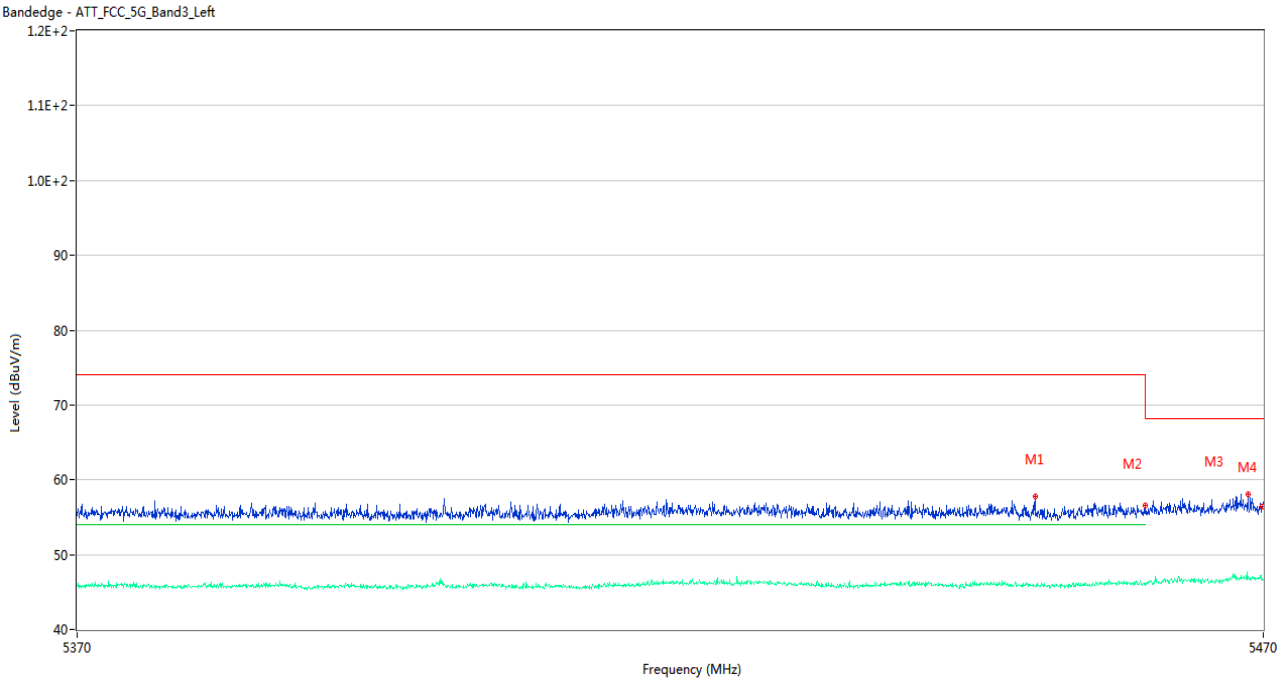
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5084.025	57.21	2.24	74.0	16.79	Peak	133.00	150	Horizontal	Pass
1**	5084.025	45.64	2.24	54.0	8.36	AV	133.00	150	Horizontal	Pass
2	5149.675	56.19	2.07	74.0	17.81	Peak	161.00	100	Horizontal	Pass
2**	5149.675	45.71	2.07	54.0	8.29	AV	161.00	100	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



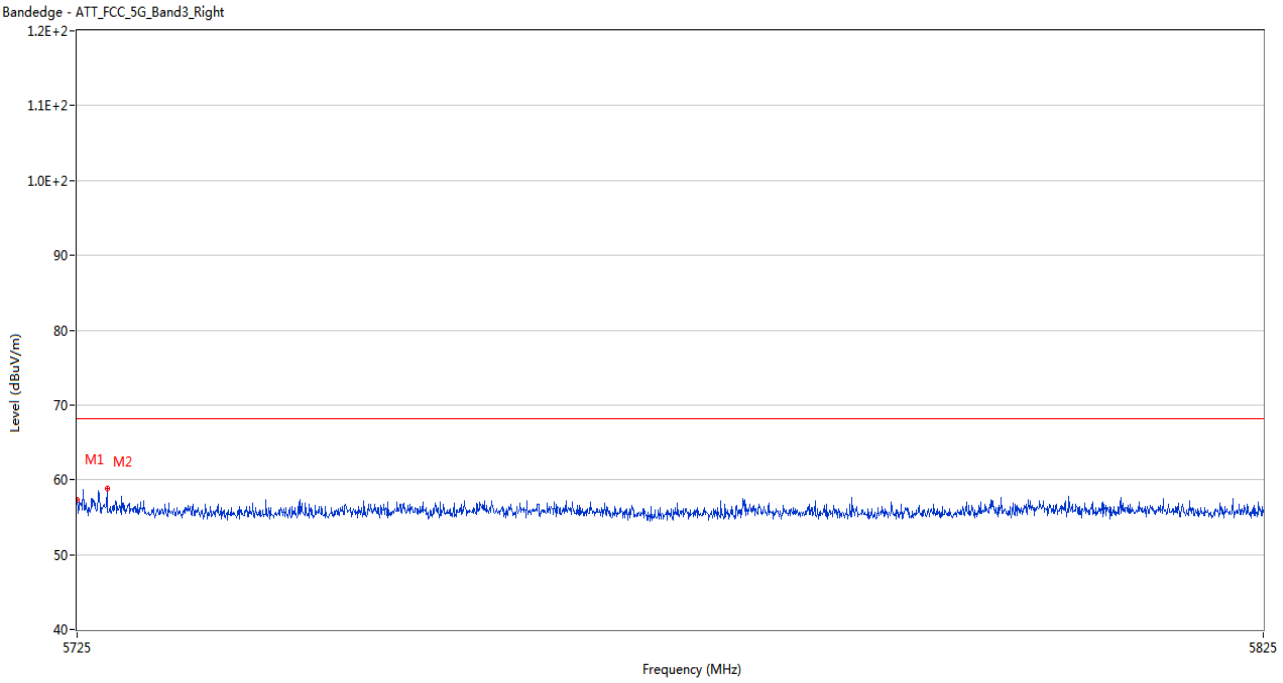
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	61.16	1.93	74.0	12.84	Peak	155.00	150	Horizontal	Pass
1**	5350.055	49.79	1.93	54.0	4.21	AV	155.00	150	Horizontal	Pass
2	5353.740	64.05	2.12	74.0	9.95	Peak	150.00	100	Horizontal	Pass
2**	5353.740	49.88	2.12	54.0	4.12	AV	150.00	100	Horizontal	Pass
3	5354.290	60.17	2.09	74.0	13.83	Peak	164.00	150	Horizontal	Pass
3**	5354.290	50.42	2.09	54.0	3.58	AV	164.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel



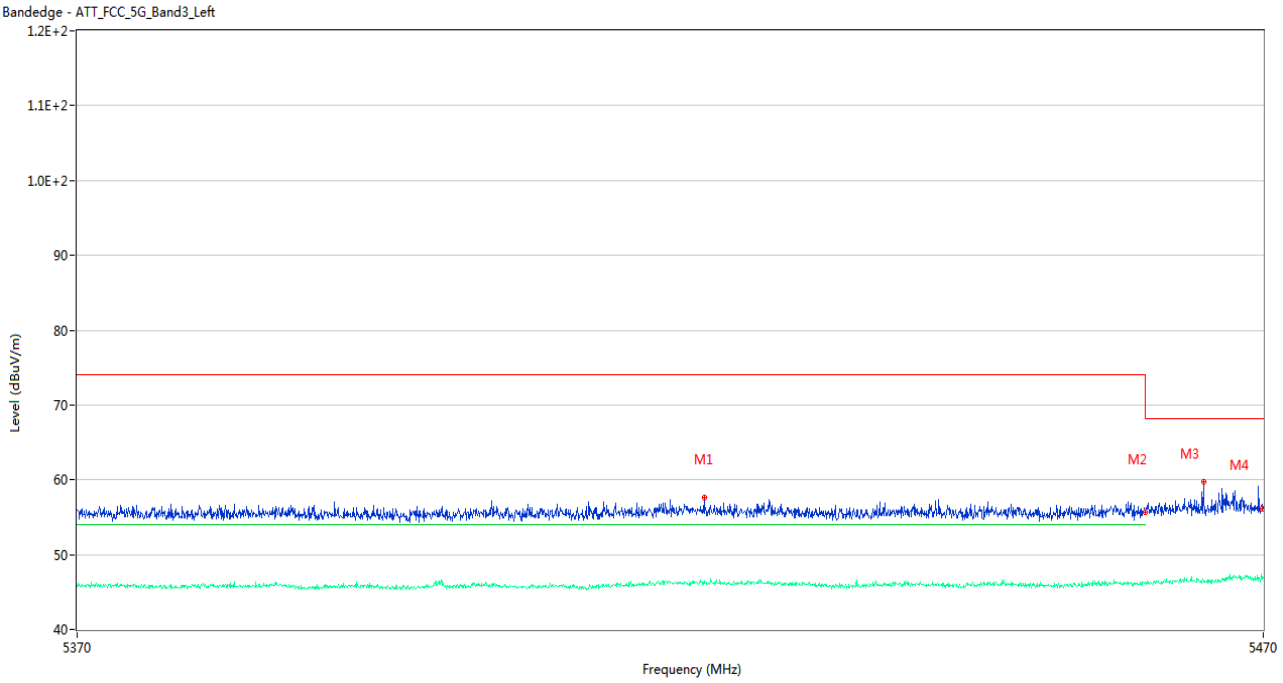
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5450.600	57.81	2.20	74.0	16.19	Peak	30.00	150	Horizontal	Pass
1**	5450.600	45.80	2.20	54.0	8.20	AV	30.00	150	Horizontal	Pass
2	5460.000	56.58	2.50	74.0	17.42	Peak	320.00	200	Horizontal	Pass
2**	5460.000	46.15	2.50	54.0	7.85	AV	320.00	200	Horizontal	Pass
3	5468.700	58.13	3.03	68.2	10.07	Peak	173.00	150	Horizontal	Pass
3**	5468.700	46.72	3.03	--	--	AV	173.00	150	Horizontal	N/A
4	5469.950	56.41	2.87	68.2	11.79	Peak	213.00	100	Horizontal	Pass
4**	5469.950	46.81	2.87	--	--	AV	213.00	100	Horizontal	N/A

U-NII-2C 11a High Channel



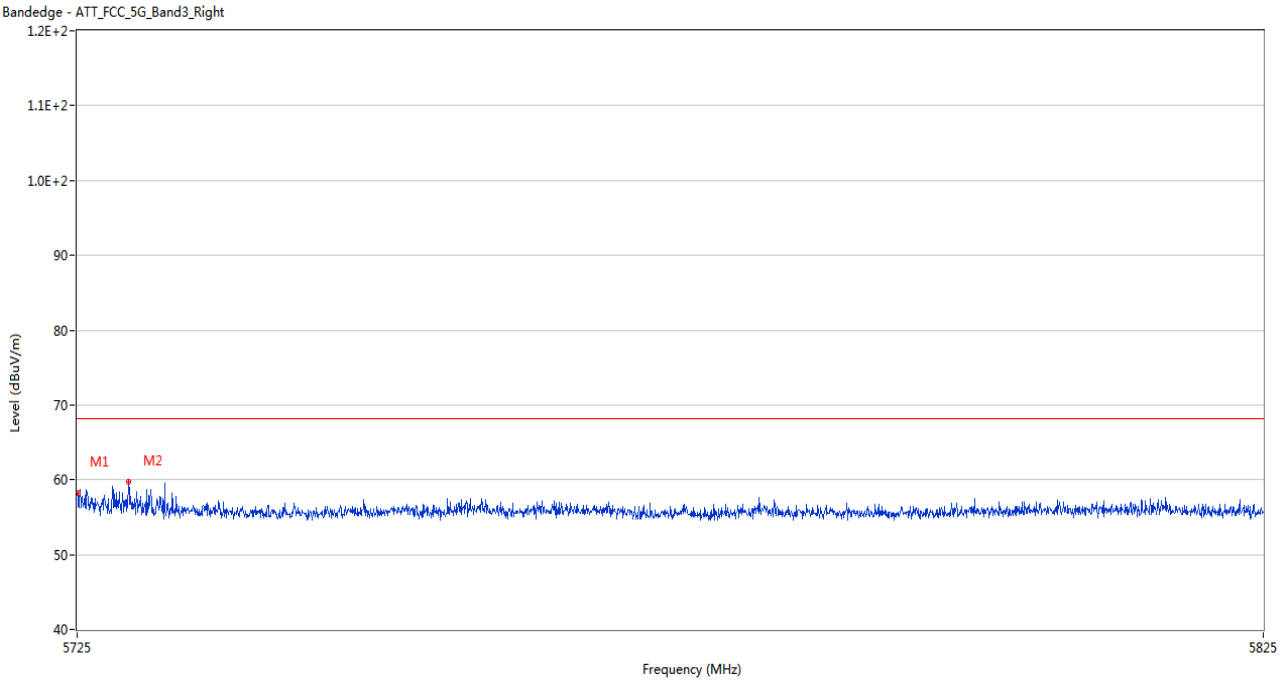
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.34	2.55	68.2	10.86	Peak	151.00	150	Horizontal	Pass
2	5727.500	58.90	2.55	68.2	9.30	Peak	164.00	200	Horizontal	Pass

U-NII-2C 11n20 Low Channel



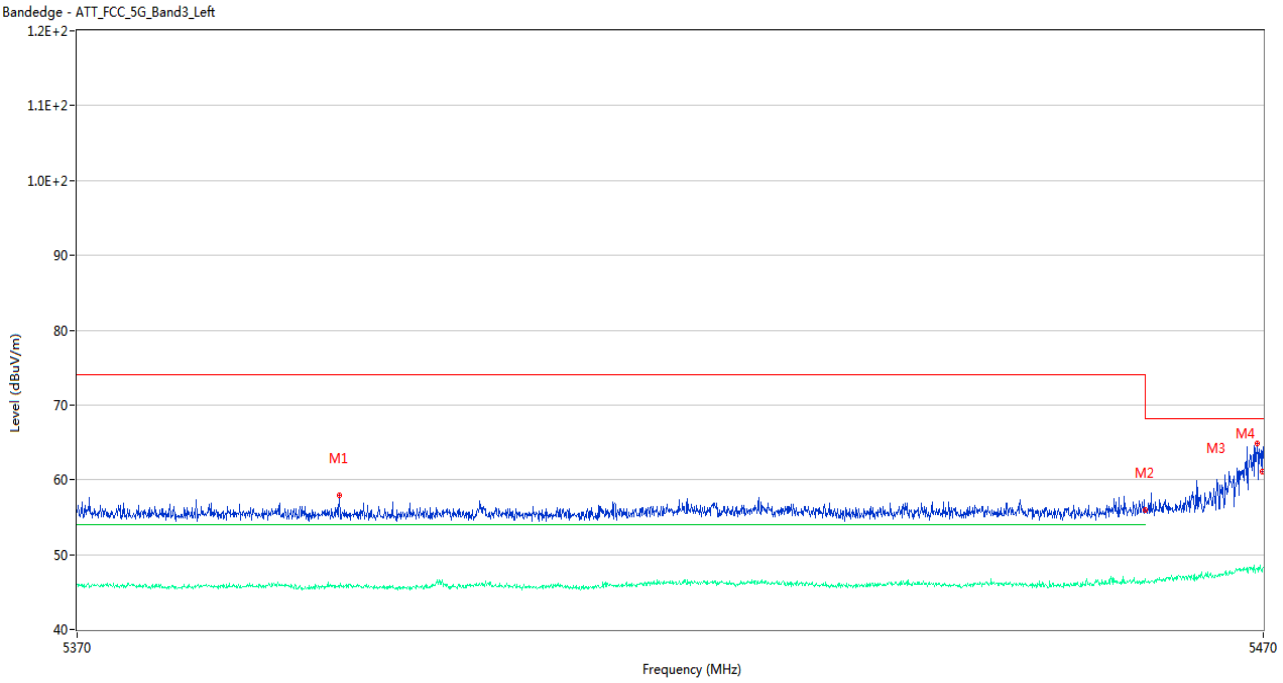
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5422.650	57.70	2.45	74.0	16.30	Peak	159.00	150	Horizontal	Pass
1**	5422.650	46.16	2.45	54.0	7.84	AV	159.00	150	Horizontal	Pass
2	5460.000	55.60	2.50	74.0	18.40	Peak	12.00	200	Horizontal	Pass
2**	5460.000	46.33	2.50	54.0	7.67	AV	12.00	200	Horizontal	Pass
3	5464.900	59.80	2.71	68.2	8.40	Peak	163.00	200	Horizontal	Pass
3**	5464.900	46.52	2.71	--	--	AV	163.00	200	Horizontal	N/A
4	5469.950	56.10	2.87	68.2	12.10	Peak	137.00	100	Horizontal	Pass
4**	5469.950	46.70	2.87	--	--	AV	137.00	100	Horizontal	N/A

U-NII-2C 11n20 High Channel



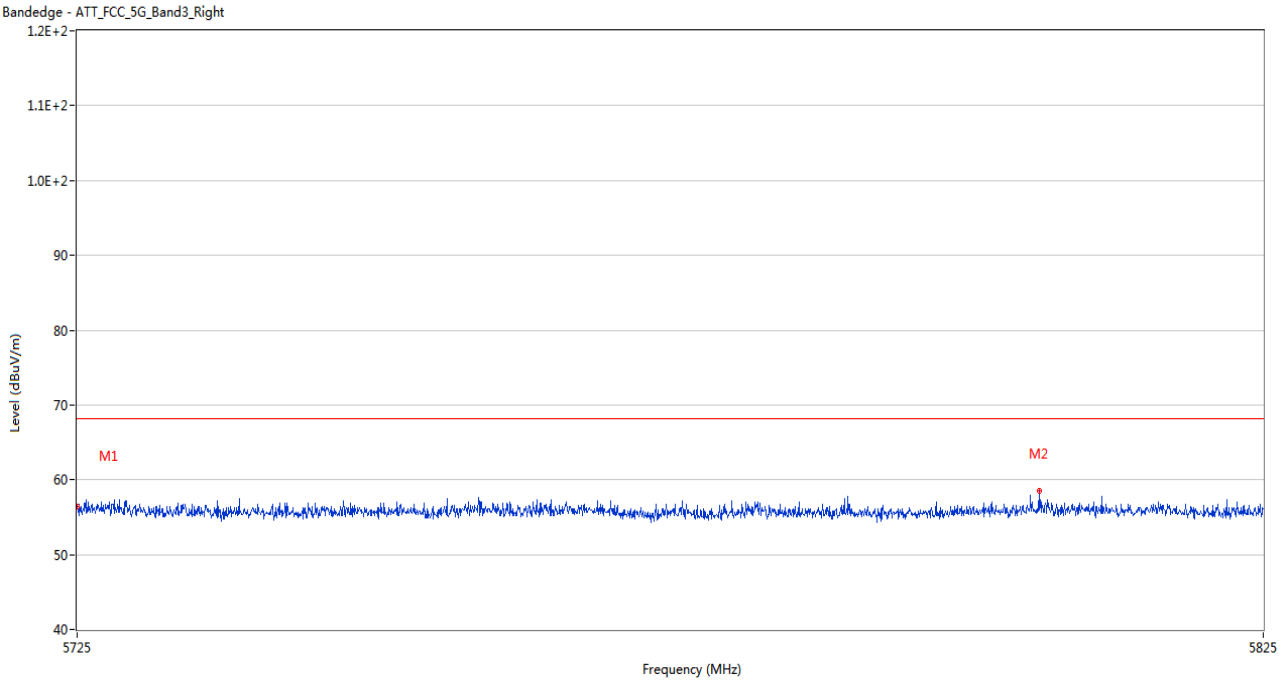
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	58.29	2.55	68.2	9.91	Peak	125.00	100	Horizontal	Pass
2	5729.300	59.76	2.61	68.2	8.44	Peak	141.00	200	Horizontal	Pass

U-NII-2C 11n40 Low Channel



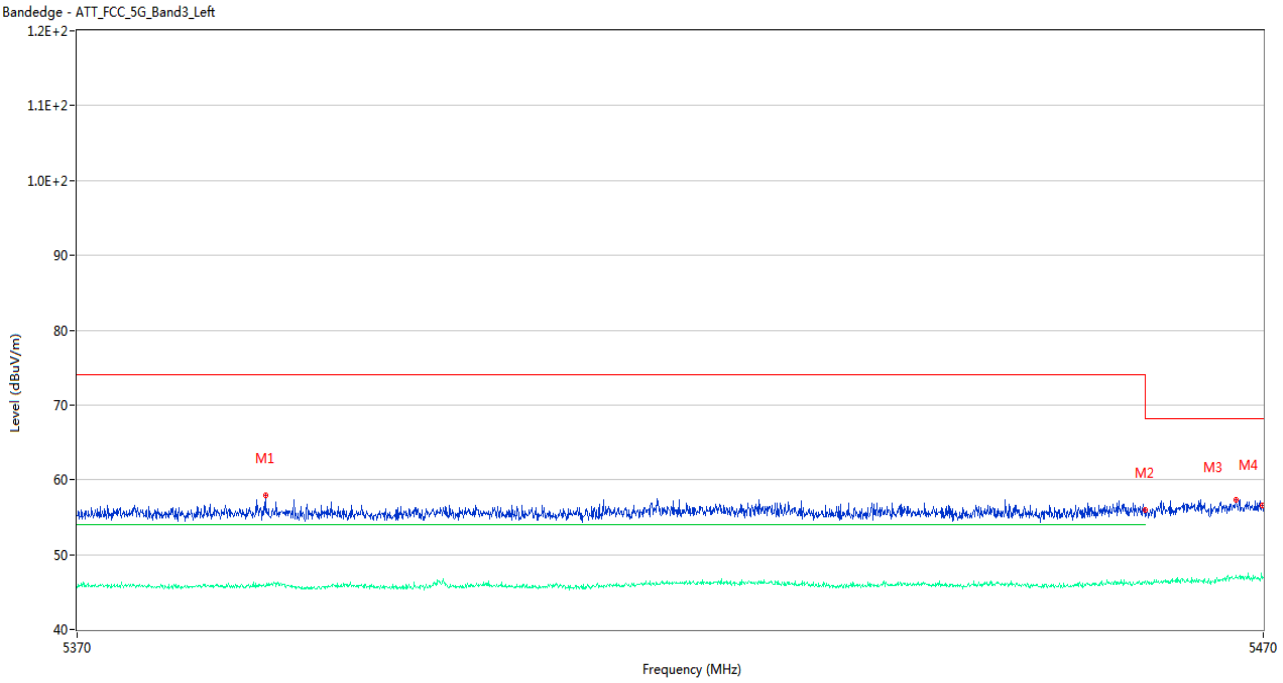
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5391.950	57.89	2.15	74.0	16.11	Peak	166.00	200	Horizontal	Pass
1**	5391.950	45.55	2.15	54.0	8.45	AV	166.00	200	Horizontal	Pass
2	5460.000	55.98	2.50	74.0	18.02	Peak	100.00	200	Horizontal	Pass
2**	5460.000	46.42	2.50	54.0	7.58	AV	100.00	200	Horizontal	Pass
3	5469.450	64.78	2.93	68.2	3.42	Peak	160.00	150	Horizontal	Pass
3**	5469.450	48.04	2.93	--	--	AV	160.00	150	Horizontal	N/A
4	5469.950	61.12	2.87	68.2	7.08	Peak	242.00	200	Horizontal	Pass
4**	5469.950	48.13	2.87	--	--	AV	242.00	200	Horizontal	N/A

U-NII-2C 11n40 High Channel



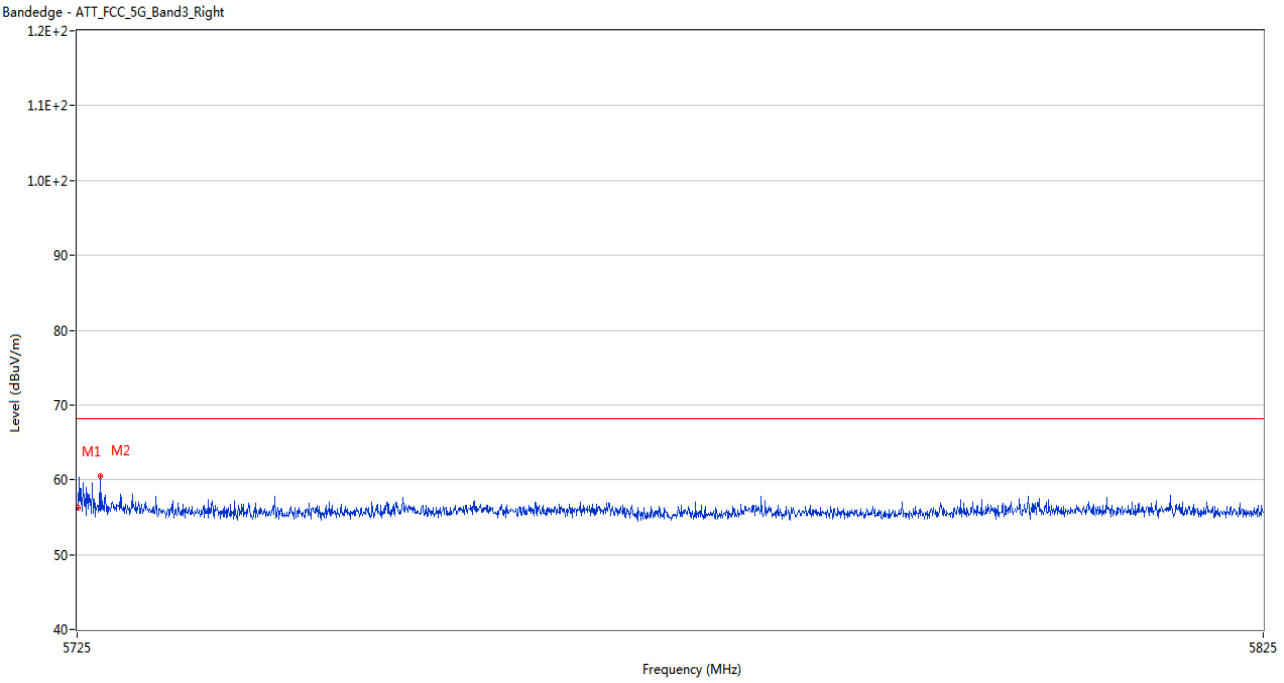
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.42	2.55	68.2	11.78	Peak	271.00	200	Horizontal	Pass
2	5805.950	58.56	2.82	68.2	9.64	Peak	29.00	100	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



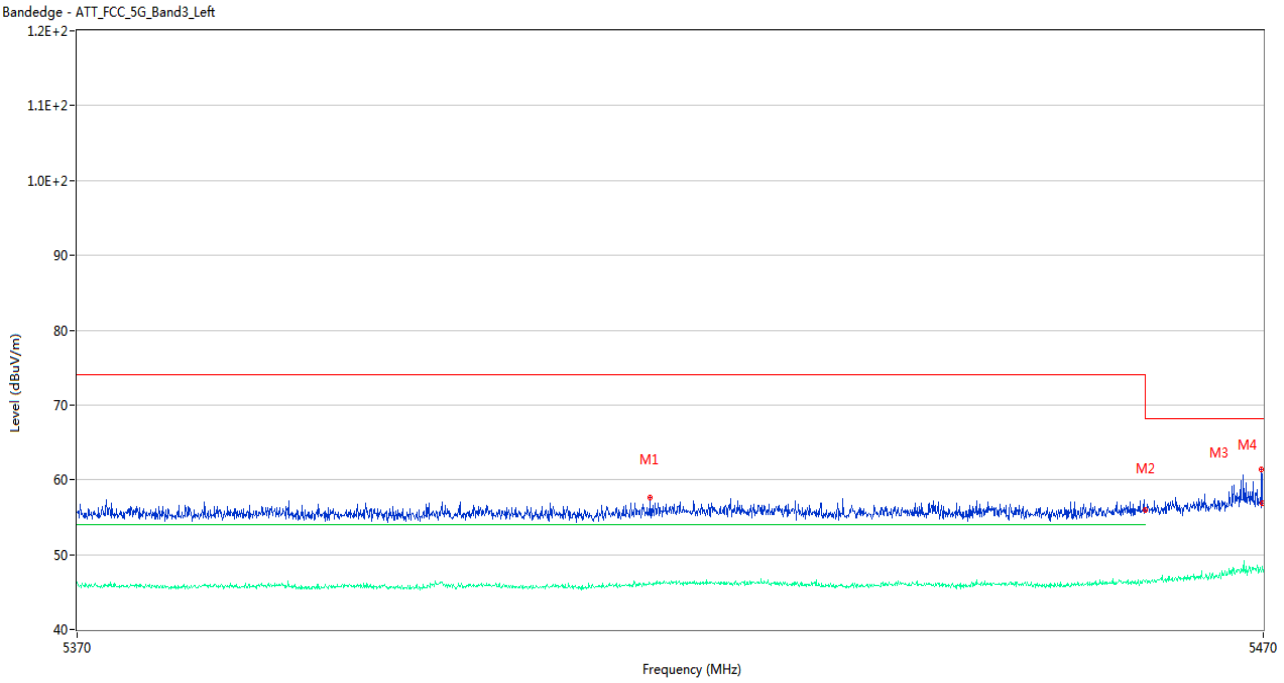
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5385.750	57.91	2.27	74.0	16.09	Peak	2.00	200	Horizontal	Pass
1**	5385.750	45.91	2.27	54.0	8.09	AV	2.00	200	Horizontal	Pass
2	5460.000	55.97	2.50	74.0	18.03	Peak	235.00	200	Horizontal	Pass
2**	5460.000	46.48	2.50	54.0	7.52	AV	235.00	200	Horizontal	Pass
3	5467.650	57.33	3.14	68.2	10.87	Peak	263.00	200	Horizontal	Pass
3**	5467.650	46.97	3.14	--	--	AV	263.00	200	Horizontal	N/A
4	5469.950	56.62	2.87	68.2	11.58	Peak	154.00	100	Horizontal	Pass
4**	5469.950	46.79	2.87	--	--	AV	154.00	100	Horizontal	N/A

U-NII-2C 11ac20 High Channel



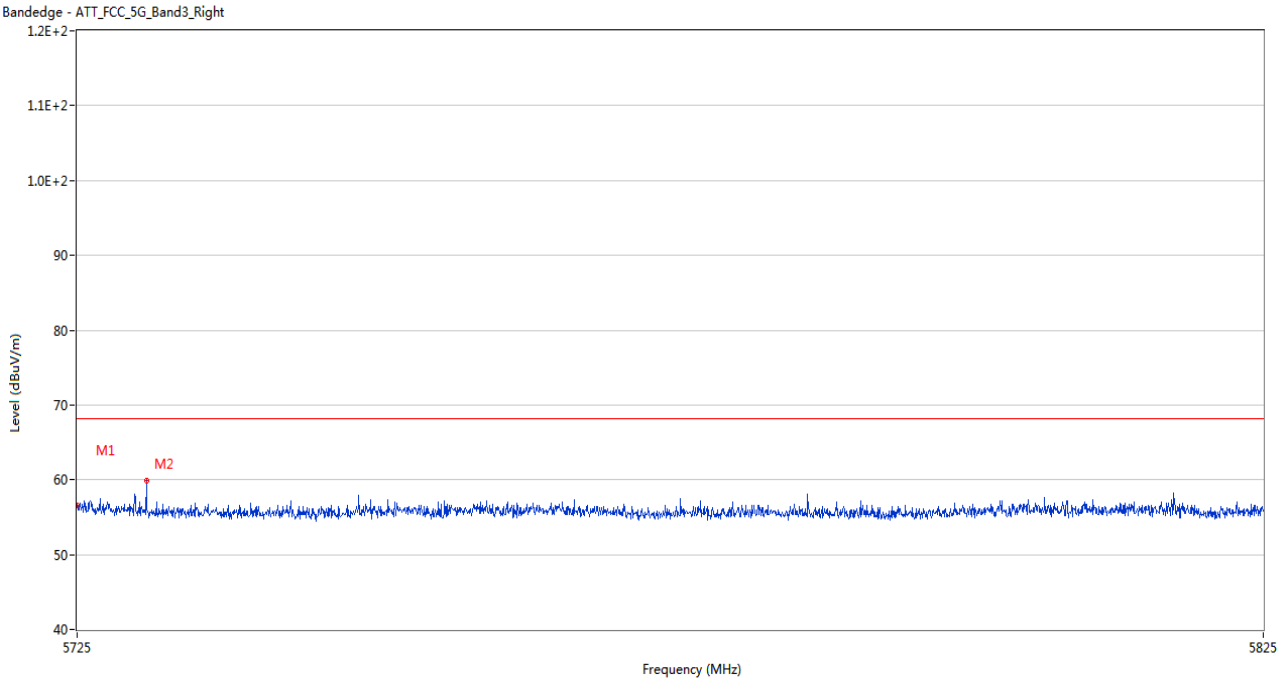
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	56.34	2.55	68.2	11.86	Peak	142.00	150	Horizontal	Pass
2	5726.900	60.52	2.51	68.2	7.68	Peak	159.00	100	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



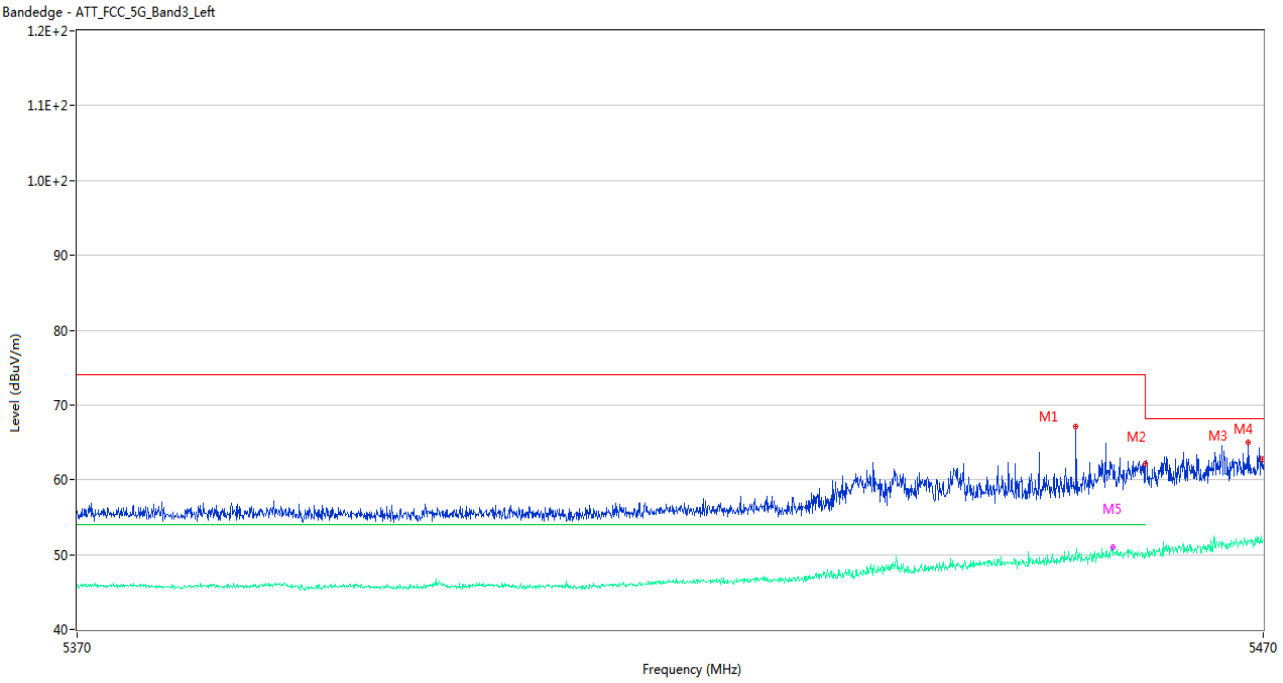
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5418.100	57.70	2.35	74.0	16.30	Peak	355.00	150	Horizontal	Pass
1**	5418.100	46.14	2.35	54.0	7.86	AV	355.00	150	Horizontal	Pass
2	5460.000	55.91	2.50	74.0	18.09	Peak	270.00	150	Horizontal	Pass
2**	5460.000	46.33	2.50	54.0	7.67	AV	270.00	150	Horizontal	Pass
3	5469.850	61.40	2.87	68.2	6.80	Peak	172.00	150	Horizontal	Pass
3**	5469.850	47.67	2.87	--	--	AV	172.00	150	Horizontal	N/A
4	5469.950	56.88	2.87	68.2	11.32	Peak	154.00	100	Horizontal	Pass
4**	5469.950	48.44	2.87	--	--	AV	154.00	100	Horizontal	N/A

U-NII-2C 11ac40 High Channel



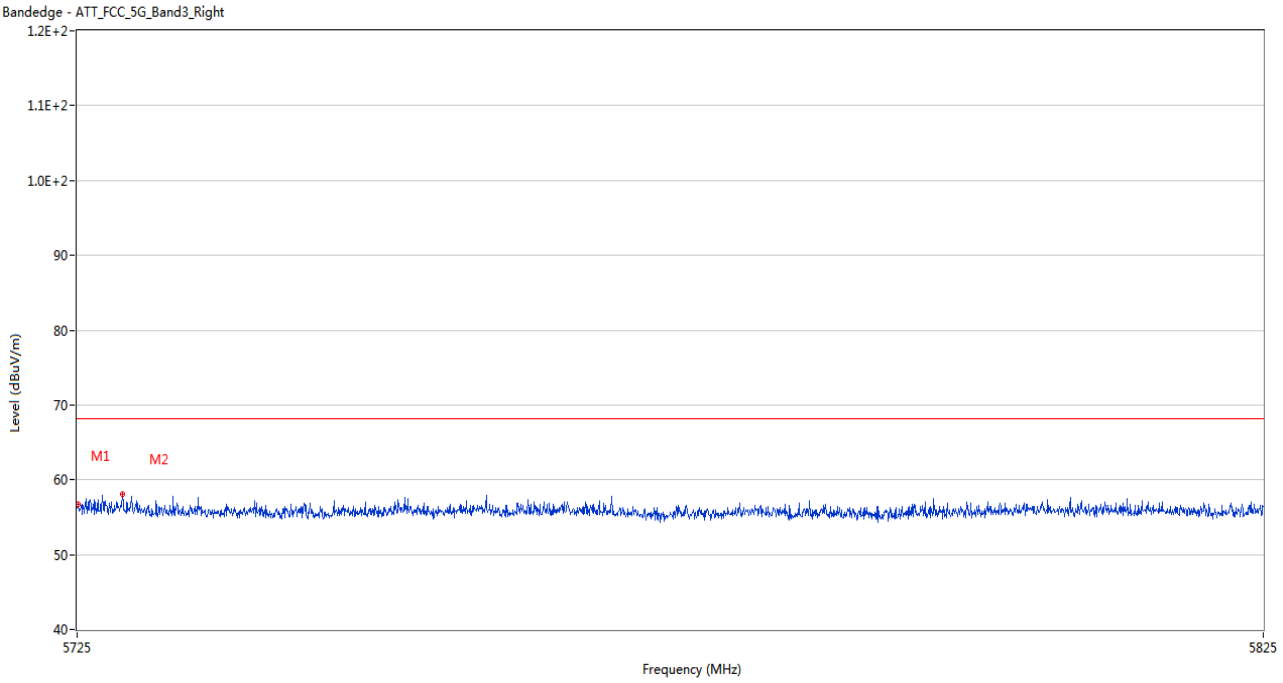
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.57	2.55	68.2	11.63	Peak	329.00	150	Horizontal	Pass
2	5730.800	59.84	2.26	68.2	8.36	Peak	162.00	150	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



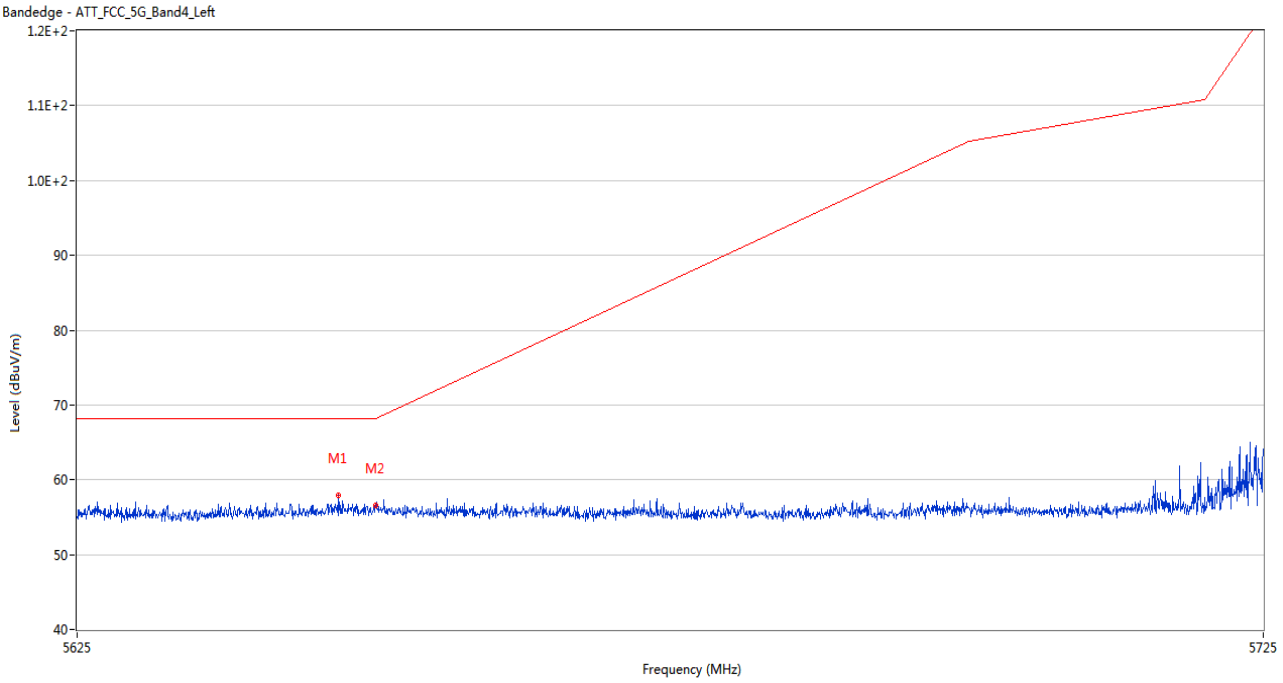
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5454.100	67.07	2.22	74.0	6.93	Peak	148.00	100	Horizontal	Pass
1**	5454.100	49.82	2.22	54.0	4.18	AV	148.00	100	Horizontal	Pass
2	5460.000	62.10	2.50	74.0	11.90	Peak	156.00	100	Horizontal	Pass
2**	5460.000	49.66	2.50	54.0	4.34	AV	156.00	100	Horizontal	Pass
3	5468.750	65.03	3.02	68.2	3.17	Peak	151.00	200	Horizontal	Pass
3**	5468.750	51.73	3.02	--	--	AV	151.00	200	Horizontal	N/A
4	5469.950	62.68	2.87	68.2	5.52	Peak	146.00	100	Horizontal	Pass
4**	5469.950	51.60	2.87	--	--	AV	146.00	100	Horizontal	N/A
5	5457.200	60.72	2.52	74.0	13.28	Peak	159.00	150	Horizontal	Pass
5**	5457.200	50.92	2.52	54.0	3.08	AV	159.00	150	Horizontal	Pass

U-NII-2C 11ac80 High Channel



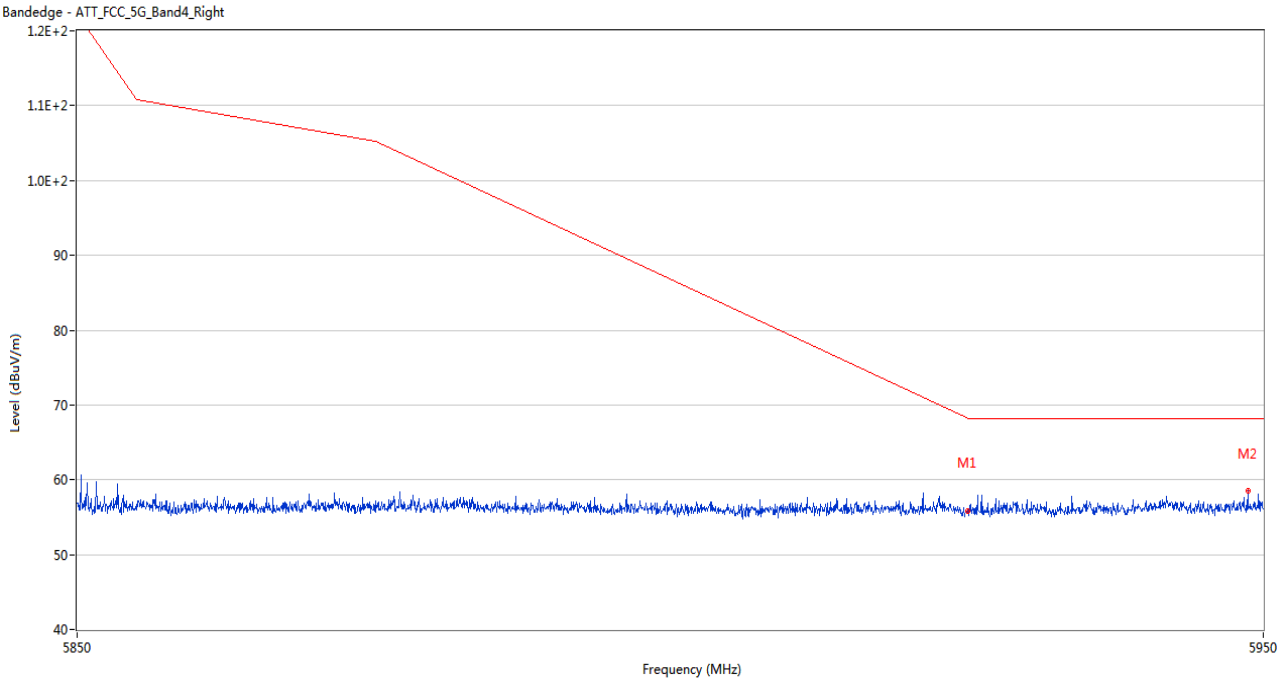
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	56.69	2.55	68.2	11.51	Peak	351.00	150	Horizontal	Pass
2	5728.800	58.02	2.63	68.2	10.18	Peak	119.00	100	Horizontal	Pass

U-NII-3 11a Low Channel



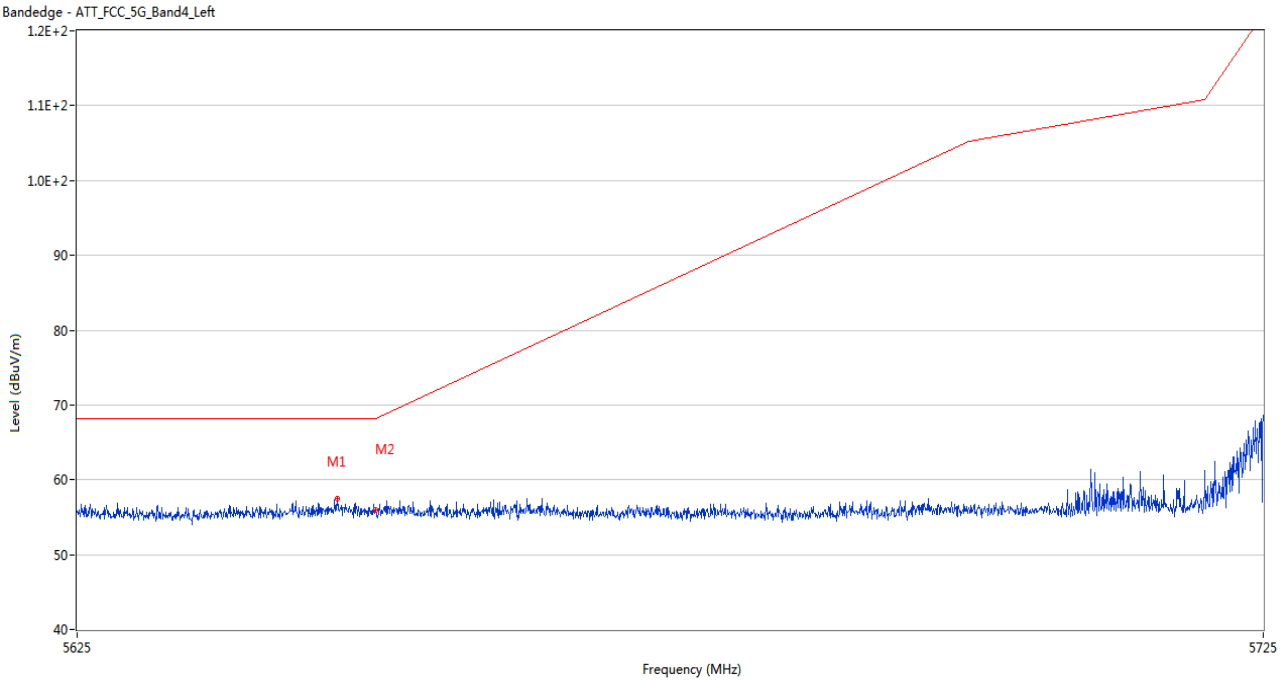
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.900	57.86	2.65	68.2	10.34	Peak	231.00	100	Horizontal	Pass
2	5650.000	56.50	2.54	68.2	11.70	Peak	234.00	150	Horizontal	Pass

U-NII-3 11a High Channel



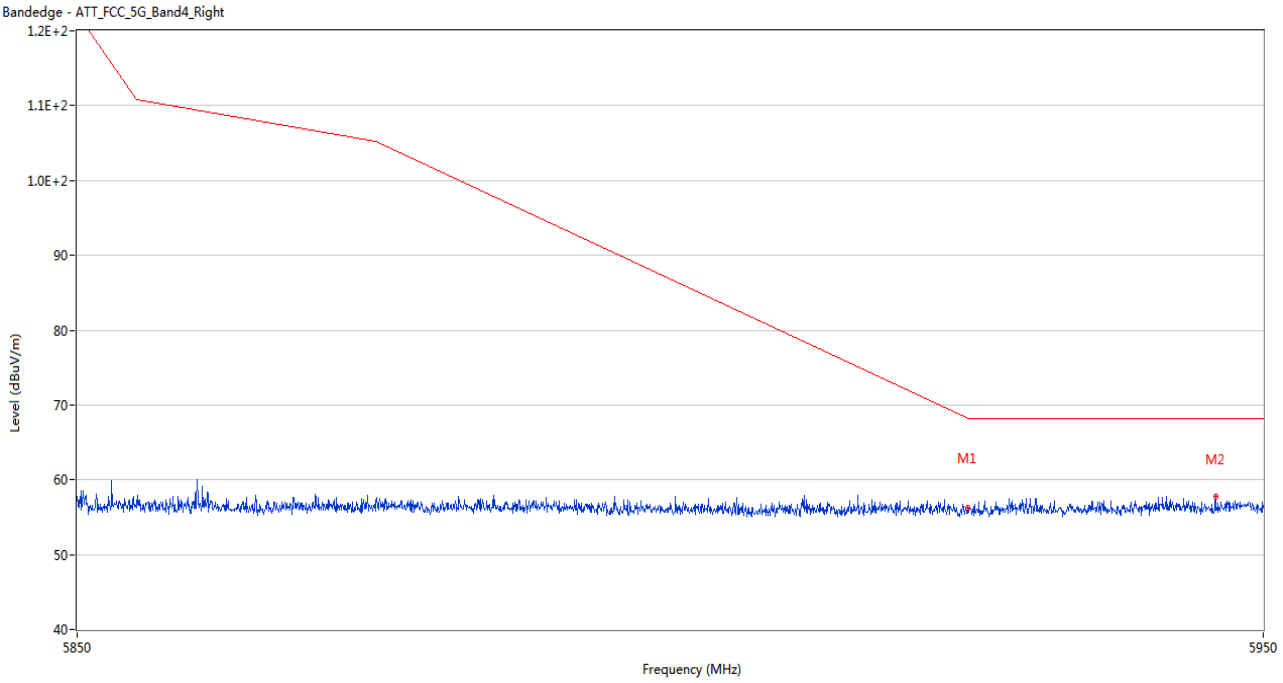
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.84	2.32	68.2	12.36	Peak	128.00	150	Horizontal	Pass
2	5948.700	58.48	2.64	68.2	9.72	Peak	39.00	200	Horizontal	Pass

U-NII-3 11n20 Low Channel



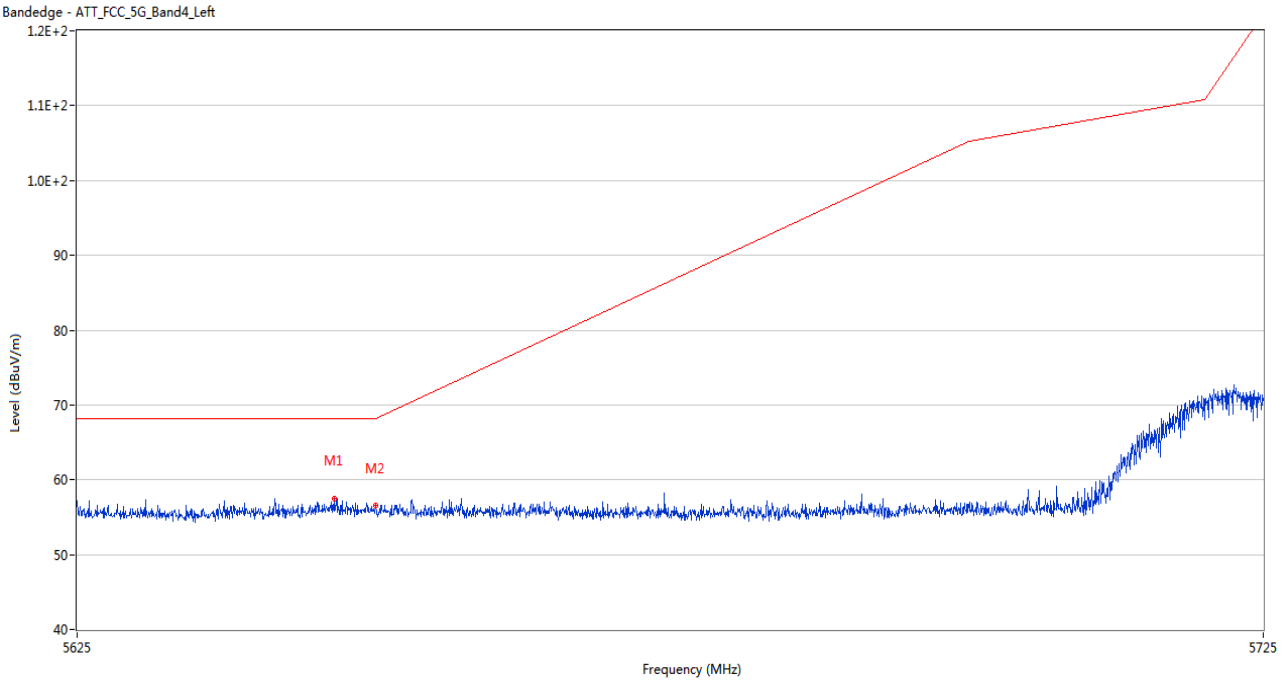
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.750	57.41	2.67	68.2	10.79	Peak	299.00	150	Horizontal	Pass
2	5650.000	55.94	2.54	68.2	12.26	Peak	14.00	100	Horizontal	Pass

U-NII-3 11n20 High Channel



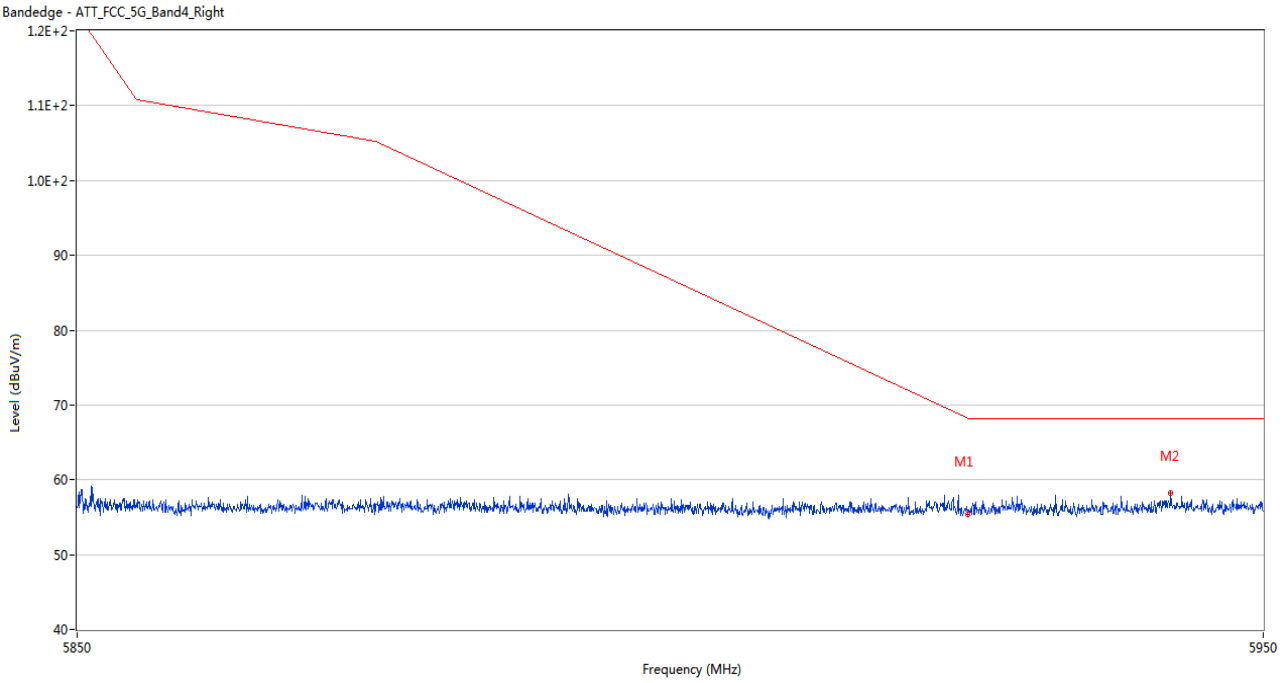
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.24	2.32	68.2	11.96	Peak	222.00	200	Horizontal	Pass
2	5945.950	57.80	2.29	68.2	10.40	Peak	134.00	150	Horizontal	Pass

U-NII-3 11n40 Low Channel



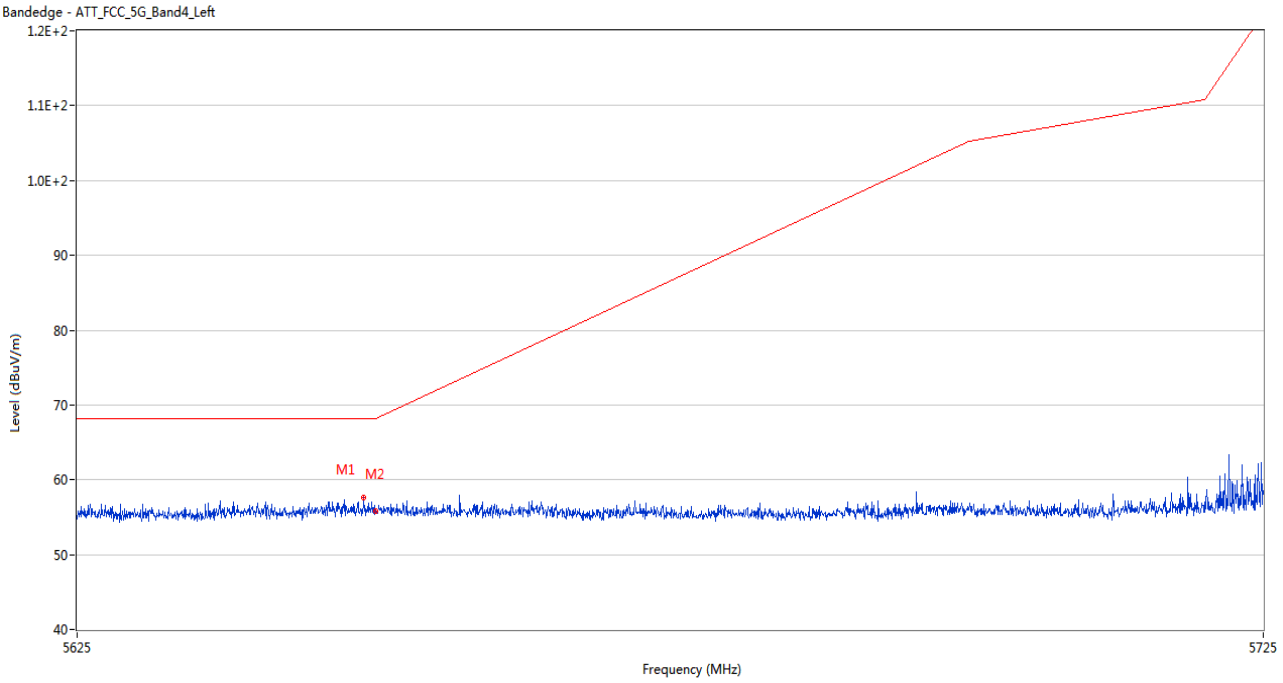
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.500	57.53	2.69	68.2	10.67	Peak	236.00	200	Horizontal	Pass
2	5650.000	56.57	2.54	68.2	11.63	Peak	180.00	200	Horizontal	Pass

U-NII-3 11n40 High Channel



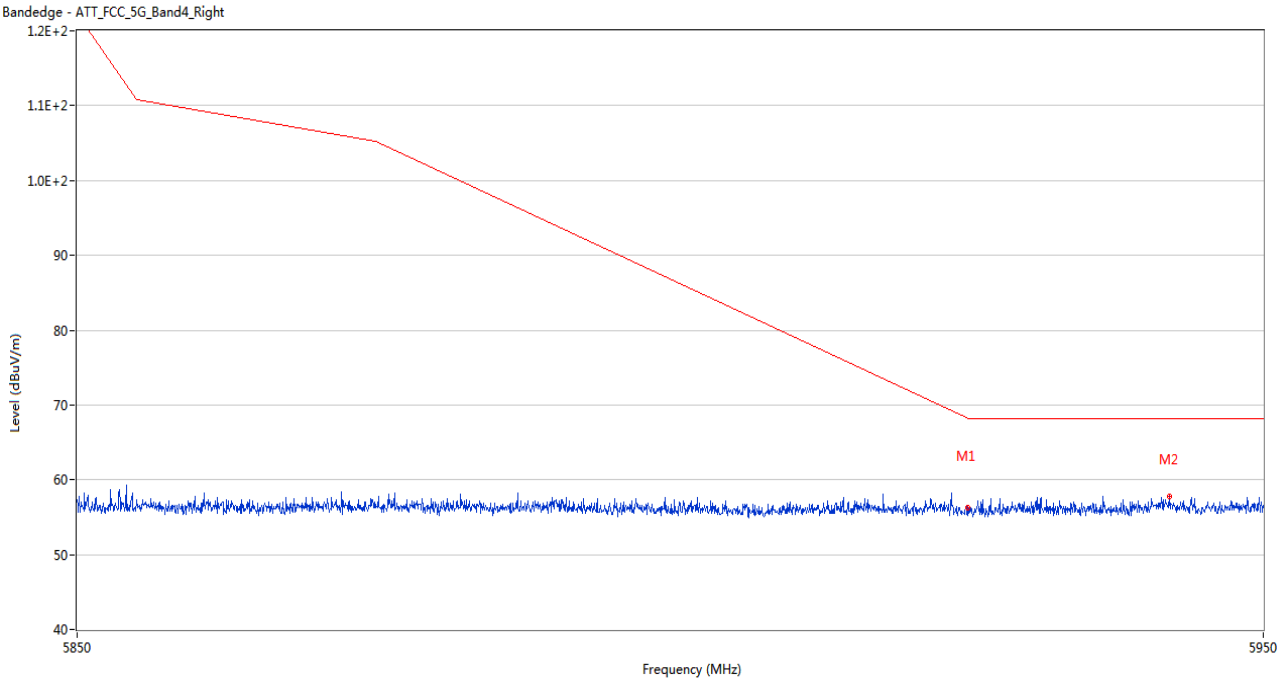
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.38	2.32	68.2	12.82	Peak	360.00	200	Horizontal	Pass
2	5942.150	58.23	2.78	68.2	9.97	Peak	358.00	100	Horizontal	Pass

U-NII-3 11ac20 Low Channel



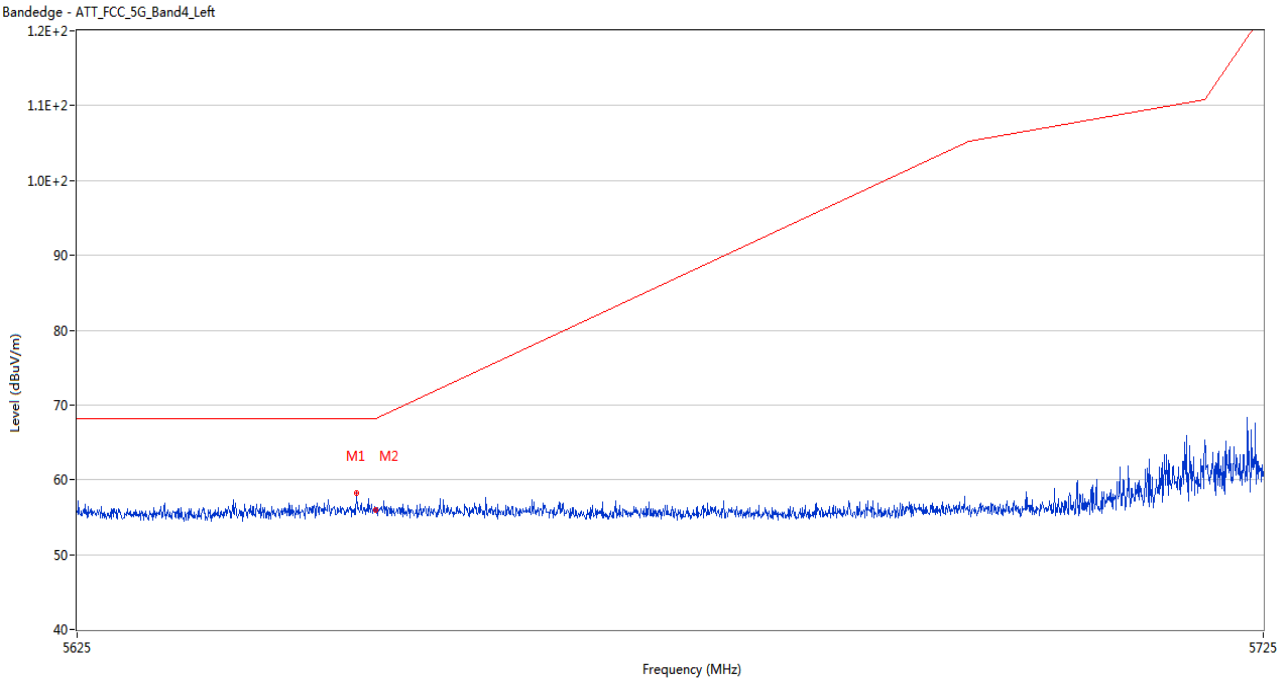
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.000	57.61	2.52	68.2	10.59	Peak	159.00	200	Horizontal	Pass
2	5650.000	55.82	2.54	68.2	12.38	Peak	356.00	200	Horizontal	Pass

U-NII-3 11ac20 High Channel



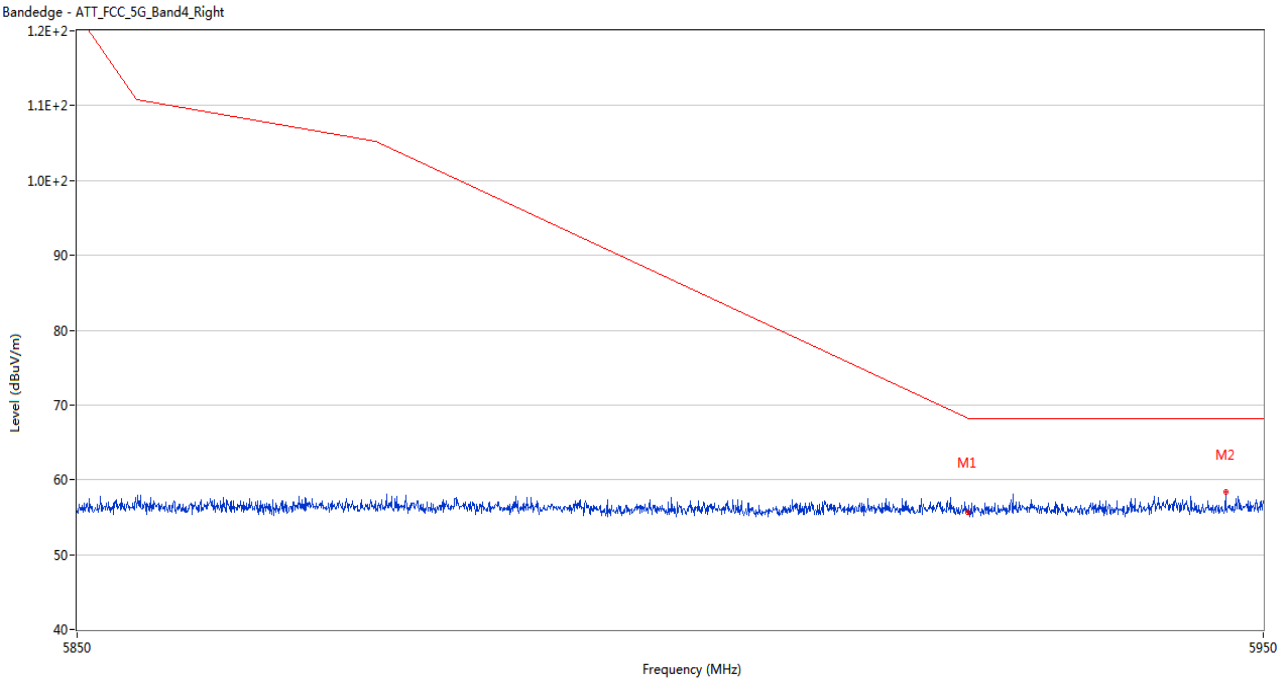
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.27	2.32	68.2	11.93	Peak	132.00	150	Horizontal	Pass
2	5942.000	57.78	2.82	68.2	10.42	Peak	318.00	150	Horizontal	Pass

U-NII-3 11ac40 Low Channel



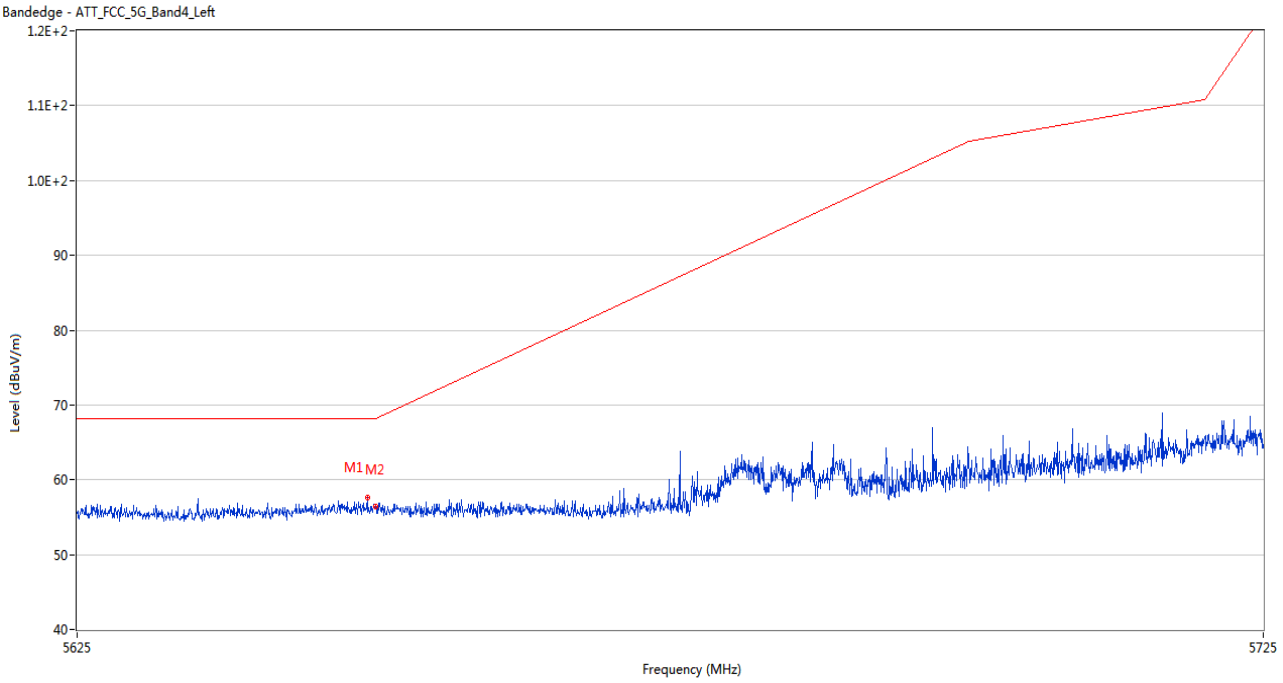
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.400	58.18	2.51	68.2	10.02	Peak	354.00	150	Horizontal	Pass
2	5650.000	55.90	2.54	68.2	12.30	Peak	52.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel



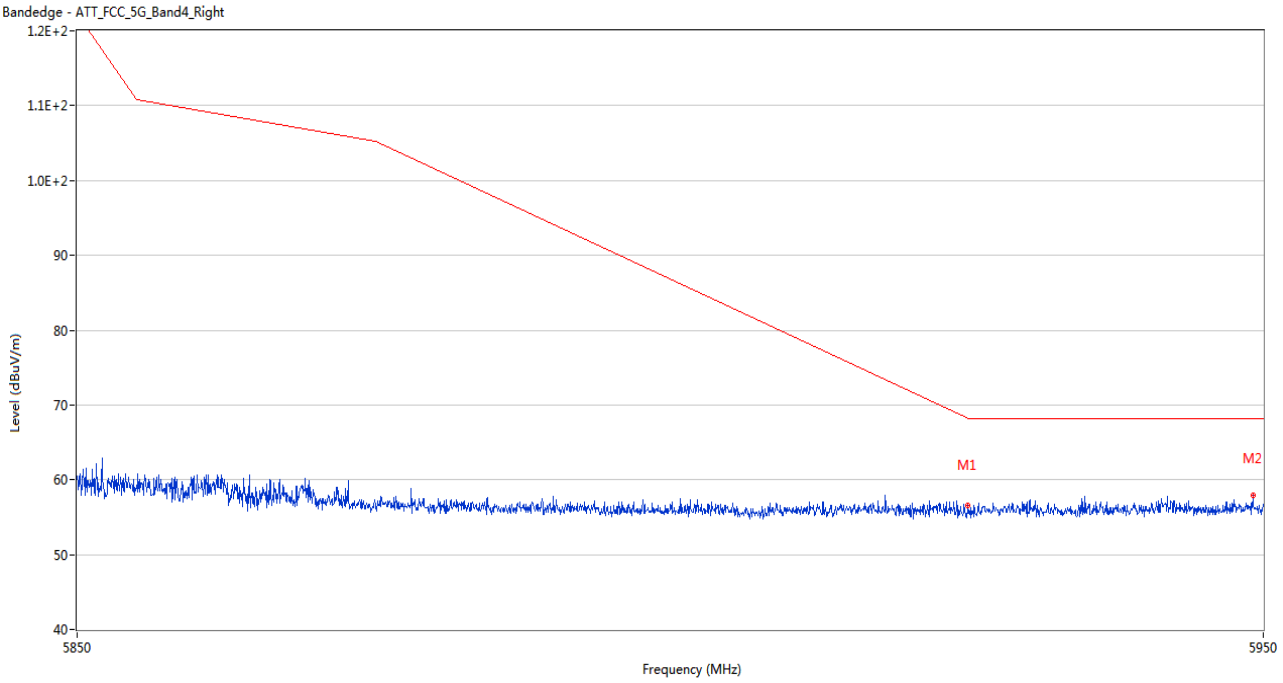
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.67	2.32	68.2	12.53	Peak	38.00	200	Horizontal	Pass
2	5946.800	58.34	2.47	68.2	9.86	Peak	102.00	150	Horizontal	Pass

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	5649.300	57.64	2.53	68.2	10.56	Peak	152.00	150	Horizontal	Pass
2	5650.000	56.38	2.54	68.2	11.82	Peak	268.00	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	56.55	2.32	68.2	11.65	Peak	50.00	200	Horizontal	Pass
2	5949.100	57.96	2.60	68.2	10.24	Peak	119.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2461166-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2461166-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2461166-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.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the “inspection and testing dedicated stamp” or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--