TEST REPORT

Applicant:	MEIZU TECHNOLOGY CO., LTD.
Address:	MEIZU Tech Bldg, Technology & Innovation Coast, Zhuhai, 519085, Guangdong, China
Equipment Type:	Mobile Phone
Model Name:	M412H
Brand Name:	MEIZU
FCC ID:	2ANQ6-M412H
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	May 06, 2024
Test Date:	May 10, 2024 - Jun. 11, 2024
Date of Issue:	Jun. 20, 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	Jun. 20, 2024	Initial Issue

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	MEIZU TECHNOLOGY CO., LTD.
Address	MEIZU Tech Bldg, Technology & Innovation Coast, Zhuhai, 519085, Guangdong, China

2.2 Manufacturer Information

Manufacturer	MEIZU TECHNOLOGY CO., LTD.
Address	MEIZU Tech Bldg, Technology & Innovation Coast, Zhuhai, 519085, Guangdong, China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	M412H
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	V1.0
Software Version	Android 14
Dimensions (Approx.)	168.5*76.6*8.35mm
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 MHz 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/17/26/66 LTE TDD Band 38/41 Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20) 5G WIFI 802.11a, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, GPS, GLONASS, Galileo, BDS, NFC, FM Receiver

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: 21.43 mW U-NII-2A: 21.09 mW U-NII-2C: 21.63 mW U-NII-3: 22.03 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	-0.7 dBi
About the Product	The equipment is Mobile Phone, intended for used with information technology equipment.

2.5 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	**5180**	**38**	**5190**	**42**	**5210**
40	5200	**46**	**5230**	**58**	**5290**
44	**5220**	**54**	**5270**	**106**	**5530**
48	**5240**	**62**	**5310**	**122**	**5610**
52	**5260**	**102**	**5510**	**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	52% to 69%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.3℃ to +25.1℃
	LT (Low Temperature)	0.0℃
	HT (High Temperature)	+35.0℃
Working Voltage of the EUT	NV (Normal Voltage)	3.87 V
	LV (Low Voltage)	3.50 V
	HV (High Voltage)	4.45 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2024.05.08	2025.05.07
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2023.09.05	2024.09.04
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2022.02.23	2025.02.22
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2024.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2024.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	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.

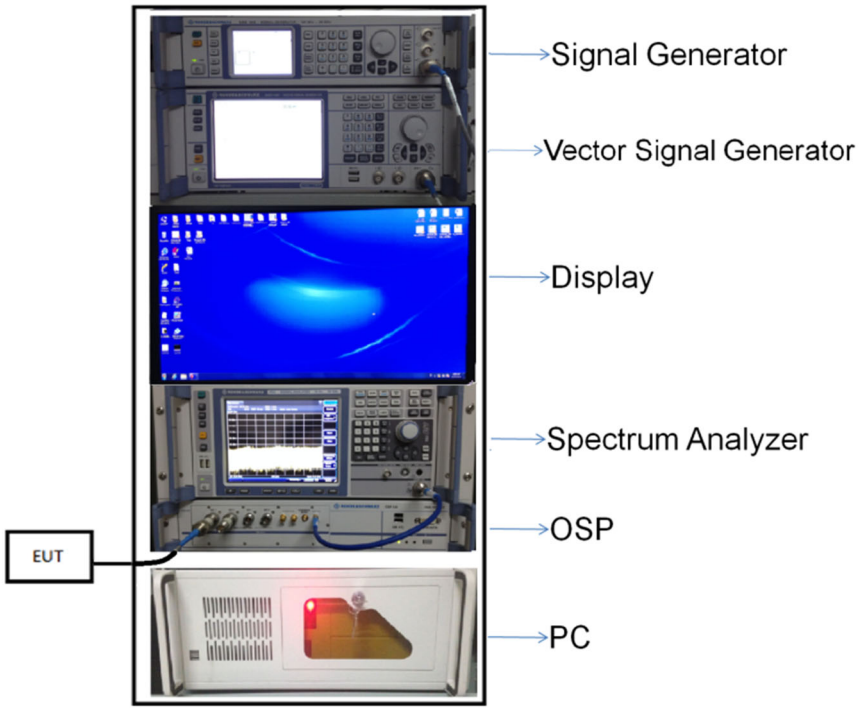
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

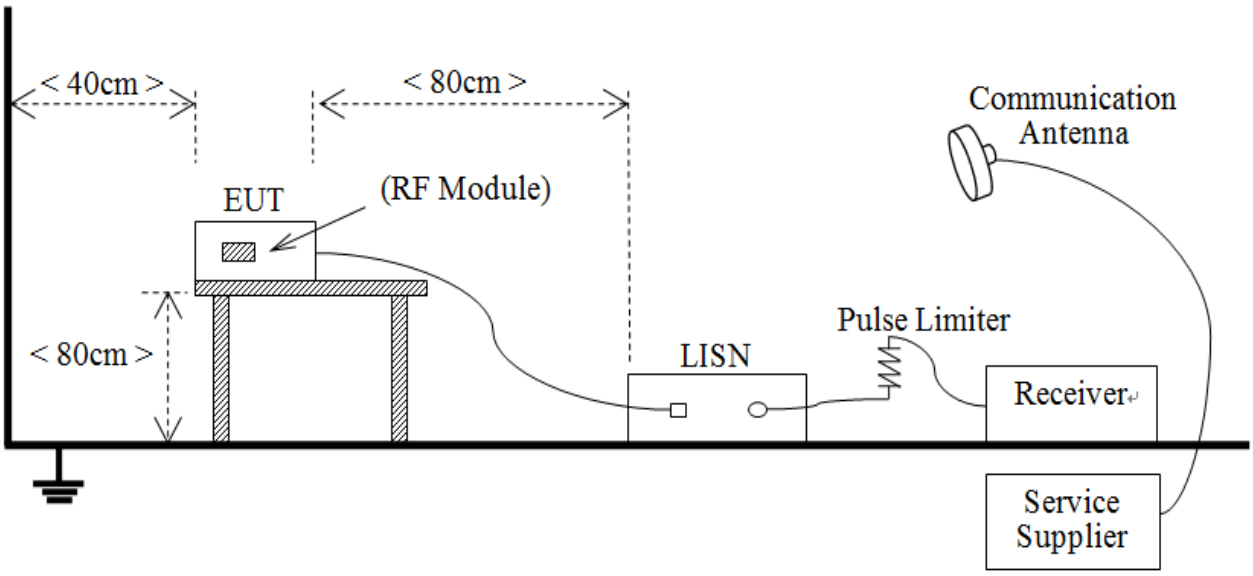
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

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



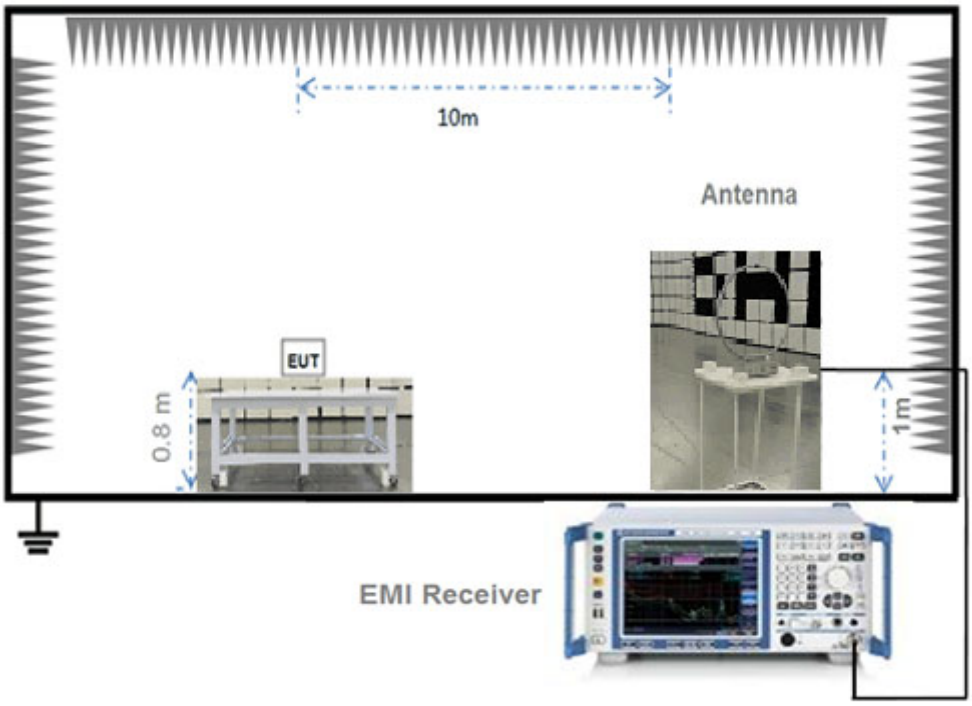
(Diagram 1)

4.5.2For AC Power Supply Port Test



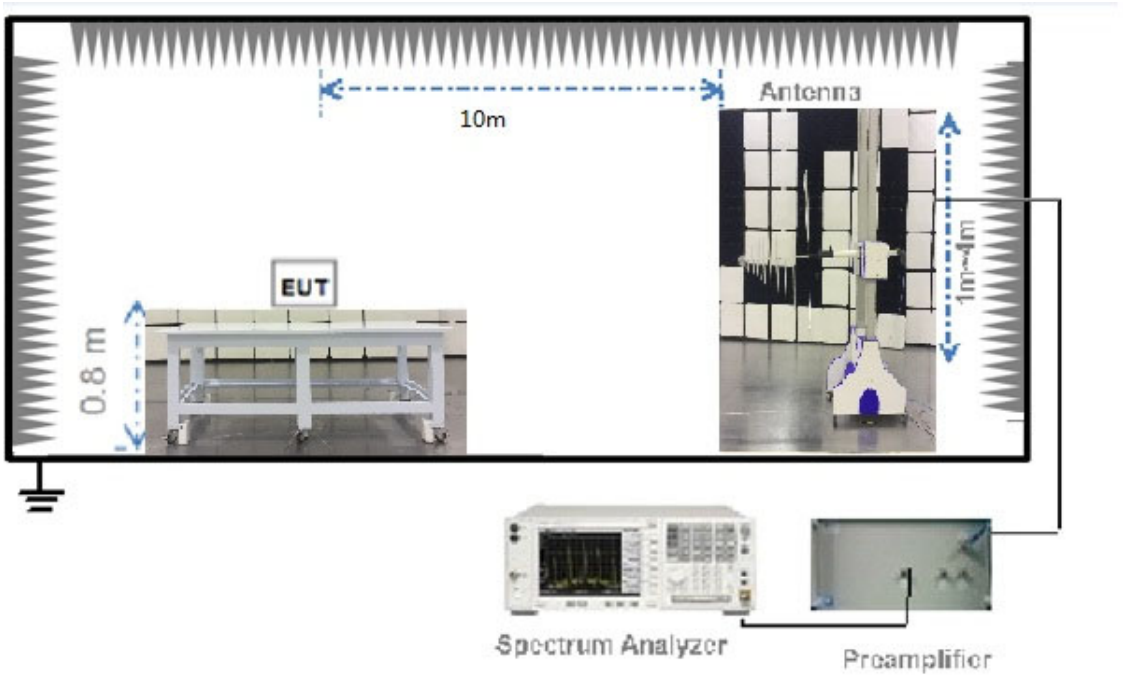
(Diagram 2)

4.5.3For Radiated Test (Below 30 MHz)



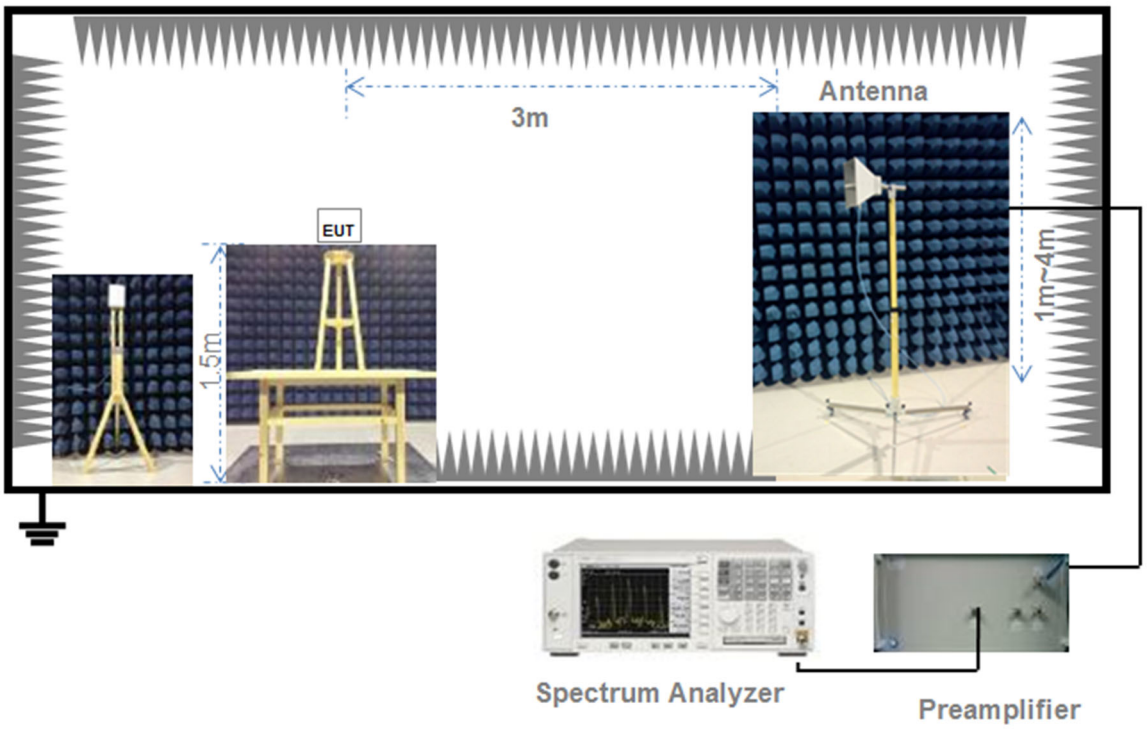
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

The section 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

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

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

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

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

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

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

5.2.2 Test Setup

The test setup photo please refer to 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.

2. Set VBW ≥ 3*RBW,

3. Detector = Peak.

4. Trace mode = Max hold.

5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

1. Set Span = 1.5 times to 5.0 times the OBW

2. Set RBW = 1% to 5% of the OBW.

3. Set VBW ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

5. Use the 99% power bandwidth function of the instrument.

6 dB bandwidth

1. Set RBW = 100 kHz, VBW = 300 kHz.

2. Detector = Peak.Trace mode = Max hold.

3. Allow the trace to stabilize.

4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.2.4 Test Result

Please refer to ANNEX A.2 and ANNEX A.3.

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	11 dBm/MHz
5250-5350	11 dBm/MHz
5470-5725	11 dBm/MHz
5725-5850	30 dBm/500kHz

5.3.2 Test Setup

The section 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

Set the spectrum analyzer or EMI receiver span to view the entire emission bandwidth.
1. Set RBW = 510 kHz/1 MHz, VBW ≥ 3*RBW, Sweep time = Auto, Detector = RMS.
2. Allow the sweeps to continue until the trace stabilizes.
3. Use the peak marker function to determine the maximum amplitude level.
4. The E.I.R.P spectral density used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the U-NII-150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50μH/50Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dBμV)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
0.50 - 30	60	50

5.4.2 Test Setup

The section 4.5.2 (Diagram 2) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.

5.4.4 Test Result

Please refer to ANNEX A.5.

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

5.5.1 Limit

FCC §15.209 & 15.407(b)

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

Note [1]: The Limit for radiated test was performed according to FCC Part 15C
Note [2]: The tighter limit applies at the band edge.

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	1.38	1.43	96.64%	0.15
11n (HT20)/11ac (VHT20)	1.31	1.35	97.25%	0.12
11n (HT40)/11ac (VHT40)	0.65	0.69	94.98%	0.22
11ac (VHT80)	0.32	0.37	87.64%	0.57

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.31	21.43	250	Pass
11a	CH44	13.13	20.56	250	Pass
11a	CH48	13.21	20.94	250	Pass
11n (HT20)	CH36	11.62	14.52	250	Pass
11n (HT20)	CH44	11.44	13.93	250	Pass
11n (HT20)	CH48	11.44	13.93	250	Pass
11n (HT40)	CH38	11.66	14.66	250	Pass
11n (HT40)	CH46	11.37	13.71	250	Pass
11ac (VHT20)	CH36	10.64	11.59	250	Pass
11ac (VHT20)	CH44	10.45	11.09	250	Pass
11ac (VHT20)	CH48	10.41	10.99	250	Pass
11ac (VHT40)	CH38	10.64	11.59	250	Pass
11ac (VHT40)	CH46	10.37	10.89	250	Pass
11ac (VHT80)	CH42	10.35	10.84	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	13.24	21.09	250	Pass
11a	CH60	13.13	20.56	250	Pass
11a	CH64	13.00	19.95	250	Pass
11n (HT20)	CH52	11.52	14.19	250	Pass
11n (HT20)	CH60	11.51	14.16	250	Pass
11n (HT20)	CH64	11.31	13.52	250	Pass
11n (HT40)	CH54	11.55	14.29	250	Pass
11n (HT40)	CH62	11.42	13.87	250	Pass
11ac (VHT20)	CH52	10.58	11.43	250	Pass
11ac (VHT20)	CH60	10.58	11.43	250	Pass
11ac (VHT20)	CH64	10.42	11.02	250	Pass
11ac (VHT40)	CH54	10.65	11.61	250	Pass
11ac (VHT40)	CH62	10.52	11.27	250	Pass
11ac (VHT80)	CH58	10.61	11.51	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.19	20.84	250	Pass
11a	CH116	13.22	20.99	250	Pass
11a	CH140	13.35	21.63	250	Pass
11n (HT20)	CH100	11.55	14.29	250	Pass
11n (HT20)	CH116	11.88	15.42	250	Pass
11n (HT20)	CH140	11.66	14.66	250	Pass
11n (HT40)	CH102	11.79	15.10	250	Pass
11n (HT40)	CH118	11.70	14.79	250	Pass
11n (HT40)	CH134	11.65	14.62	250	Pass
11ac (VHT20)	CH100	10.55	11.35	250	Pass
11ac (VHT20)	CH116	10.57	11.40	250	Pass
11ac (VHT20)	CH140	10.74	11.86	250	Pass
11ac (VHT40)	CH102	10.55	11.35	250	Pass
11ac (VHT40)	CH118	10.43	11.04	250	Pass
11ac (VHT40)	CH134	10.81	12.05	250	Pass
11ac (VHT80)	CH106	10.75	11.89	250	Pass
11ac (VHT80)	CH122	10.66	11.64	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.22	20.99	1000	Pass
11a	CH157	13.31	21.43	1000	Pass
11a	CH165	13.43	22.03	1000	Pass
11n (HT20)	CH149	11.74	14.93	1000	Pass
11n (HT20)	CH157	11.84	15.28	1000	Pass
11n (HT20)	CH165	11.95	15.67	1000	Pass
11n (HT40)	CH151	11.67	14.69	1000	Pass
11n (HT40)	CH159	11.90	15.49	1000	Pass
11ac (VHT20)	CH149	10.79	11.99	1000	Pass
11ac (VHT20)	CH157	10.89	12.27	1000	Pass
11ac (VHT20)	CH165	10.45	11.09	1000	Pass
11ac (VHT40)	CH151	10.80	12.02	1000	Pass
11ac (VHT40)	CH159	10.92	12.36	1000	Pass
11ac (VHT80)	CH155	10.50	11.22	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2450037-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	25.22	16.64
11a	CH44	26.35	16.60
11a	CH48	25.05	16.59
11n (HT20)	CH36	23.46	17.65
11n (HT20)	CH44	25.01	17.66
11n (HT20)	CH48	24.31	17.67
11n (HT40)	CH38	43.19	36.22
11n (HT40)	CH46	43.96	36.24
11ac (VHT20)	CH36	20.80	17.59
11ac (VHT20)	CH44	20.42	17.60
11ac (VHT20)	CH48	20.34	17.61
11ac (VHT40)	CH38	40.92	36.05
11ac (VHT40)	CH46	41.24	36.03
11ac (VHT80)	CH42	96.09	75.39

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	26.89	16.61
11a	CH60	29.38	16.59
11a	CH64	27.78	16.63
11n (HT20)	CH52	26.25	17.67
11n (HT20)	CH60	23.67	17.68
11n (HT20)	CH64	25.11	17.67
11n (HT40)	CH54	46.97	36.21
11n (HT40)	CH62	48.65	36.23
11ac (VHT20)	CH52	22.09	17.60
11ac (VHT20)	CH60	22.84	17.63
11ac (VHT20)	CH64	21.25	17.63
11ac (VHT40)	CH54	42.37	36.01
11ac (VHT40)	CH62	42.17	36.03
11ac (VHT80)	CH58	117.60	75.41

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	29.50	16.59
11a	CH116	32.51	16.89
11a	CH140	34.11	17.67
11n (HT20)	CH100	24.74	17.70
11n (HT20)	CH116	26.71	17.72
11n (HT20)	CH140	30.61	17.81
11n (HT40)	CH102	51.06	36.20
11n (HT40)	CH118	65.90	36.43
11n (HT40)	CH134	62.67	36.38
11ac (VHT20)	CH100	22.87	17.60
11ac (VHT20)	CH116	25.04	17.63
11ac (VHT20)	CH140	26.54	17.68
11ac (VHT40)	CH102	41.31	36.07
11ac (VHT40)	CH118	61.55	36.30
11ac (VHT40)	CH134	53.24	36.17
11ac (VHT80)	CH106	134.90	75.59
11ac (VHT80)	CH122	158.00	75.91

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	31.98	17.05
11a	CH157	33.41	17.16
11a	CH165	33.77	17.38
11n (HT20)	CH149	30.25	17.81
11n (HT20)	CH157	29.53	17.83
11n (HT20)	CH165	30.71	17.86
11n (HT40)	CH151	65.21	36.51
11n (HT40)	CH159	65.08	36.53
11ac (VHT20)	CH149	25.67	17.70
11ac (VHT20)	CH157	26.83	17.71
11ac (VHT20)	CH165	27.78	17.74
11ac (VHT40)	CH151	55.47	36.23
11ac (VHT40)	CH159	57.88	36.24
11ac (VHT80)	CH155	143.60	75.84

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2450037-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.40	500.00	Pass
11a	CH157	15.40	500.00	Pass
11a	CH165	15.40	500.00	Pass
11n (HT20)	CH149	15.40	500.00	Pass
11n (HT20)	CH157	15.40	500.00	Pass
11n (HT20)	CH165	15.40	500.00	Pass
11n (HT40)	CH151	35.30	500.00	Pass
11n (HT40)	CH159	35.30	500.00	Pass
11ac (VHT20)	CH149	15.40	500.00	Pass
11ac (VHT20)	CH157	15.40	500.00	Pass
11ac (VHT20)	CH165	15.40	500.00	Pass
11ac (VHT40)	CH151	35.40	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-SZ2450037-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.70	11.00	Pass
11a	CH44	2.64	11.00	Pass
11a	CH48	2.68	11.00	Pass
11n (HT20)	CH36	0.84	11.00	Pass
11n (HT20)	CH44	0.71	11.00	Pass
11n (HT20)	CH48	0.79	11.00	Pass
11n (HT40)	CH38	-1.98	11.00	Pass
11n (HT40)	CH46	-2.16	11.00	Pass
11ac (VHT20)	CH36	-0.07	11.00	Pass
11ac (VHT20)	CH44	-0.28	11.00	Pass
11ac (VHT20)	CH48	-0.26	11.00	Pass
11ac (VHT40)	CH38	-3.01	11.00	Pass
11ac (VHT40)	CH46	-3.24	11.00	Pass
11ac (VHT80)	CH42	-6.35	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	2.70	11.00	Pass
11a	CH60	2.60	11.00	Pass
11a	CH64	2.50	11.00	Pass
11n (HT20)	CH52	0.93	11.00	Pass
11n (HT20)	CH60	0.73	11.00	Pass
11n (HT20)	CH64	0.64	11.00	Pass
11n (HT40)	CH54	-2.18	11.00	Pass
11n (HT40)	CH62	-2.33	11.00	Pass
11ac (VHT20)	CH52	-0.11	11.00	Pass
11ac (VHT20)	CH60	-0.29	11.00	Pass
11ac (VHT20)	CH64	-0.45	11.00	Pass
11ac (VHT40)	CH54	-3.22	11.00	Pass
11ac (VHT40)	CH62	-3.28	11.00	Pass
11ac (VHT80)	CH58	-6.78	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.73	11.00	Pass
11a	CH116	2.80	11.00	Pass
11a	CH140	2.86	11.00	Pass
11n (HT20)	CH100	0.90	11.00	Pass
11n (HT20)	CH116	1.35	11.00	Pass
11n (HT20)	CH140	0.92	11.00	Pass
11n (HT40)	CH102	-1.65	11.00	Pass
11n (HT40)	CH118	-1.63	11.00	Pass
11n (HT40)	CH134	-1.83	11.00	Pass
11ac (VHT20)	CH100	-0.08	11.00	Pass
11ac (VHT20)	CH116	0.07	11.00	Pass
11ac (VHT20)	CH140	0.07	11.00	Pass
11ac (VHT40)	CH102	-2.98	11.00	Pass
11ac (VHT40)	CH118	-2.99	11.00	Pass
11ac (VHT40)	CH134	-2.66	11.00	Pass
11ac (VHT80)	CH106	-5.74	11.00	Pass
11ac (VHT80)	CH122	-5.87	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	0.06	30.00	Pass
11a	CH157	0.11	30.00	Pass
11a	CH165	0.19	30.00	Pass
11n (HT20)	CH149	-1.59	30.00	Pass
11n (HT20)	CH157	-1.57	30.00	Pass
11n (HT20)	CH165	-1.49	30.00	Pass
11n (HT40)	CH151	-4.56	30.00	Pass
11n (HT40)	CH159	-4.49	30.00	Pass
11ac (VHT20)	CH149	-2.51	30.00	Pass
11ac (VHT20)	CH157	-2.58	30.00	Pass
11ac (VHT20)	CH165	-3.07	30.00	Pass
11ac (VHT40)	CH151	-5.33	30.00	Pass
11ac (VHT40)	CH159	-5.54	30.00	Pass
11ac (VHT80)	CH155	-8.75	30.00	Pass

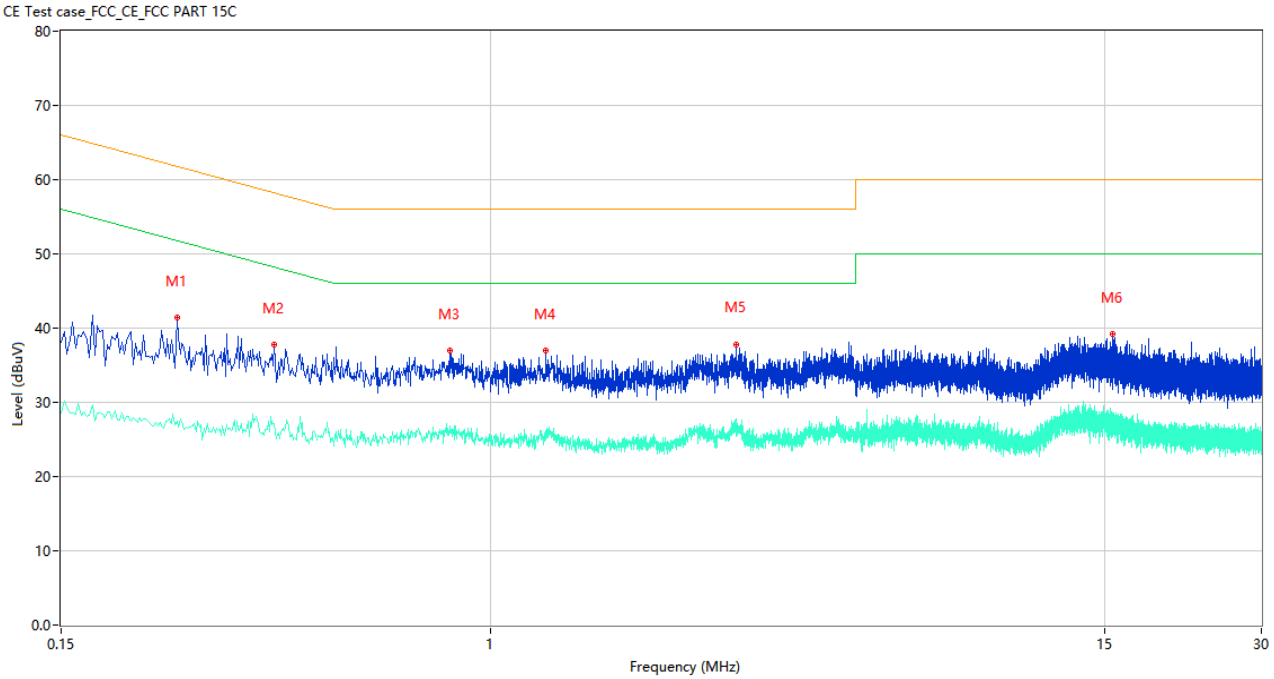
A.5 Conducted Emissions

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.

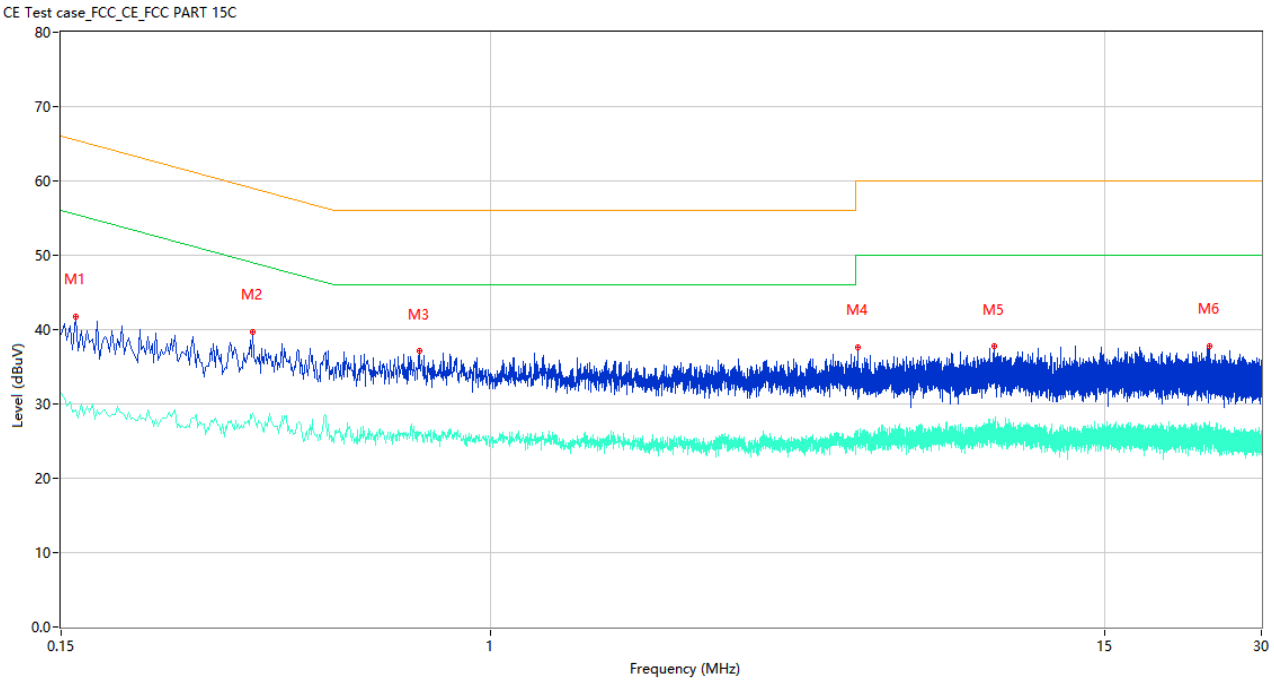
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.250	41.37	9.77	61.76	20.39	Peak	L	Pass
1**	0.250	27.54	9.77	51.76	24.22	AV	L	Pass
2	0.384	37.73	10.62	58.19	20.46	Peak	L	Pass
2**	0.384	27.10	10.62	48.19	21.09	AV	L	Pass
3	0.834	36.92	10.59	56.00	19.08	Peak	L	Pass
3**	0.834	26.85	10.59	46.00	19.15	AV	L	Pass
4	1.274	36.97	10.48	56.00	19.03	Peak	L	Pass
4**	1.274	26.05	10.48	46.00	19.95	AV	L	Pass
5	2.952	37.83	10.20	56.00	18.17	Peak	L	Pass
5**	2.952	27.63	10.20	46.00	18.37	AV	L	Pass
6	15.574	39.18	10.42	60.00	20.82	Peak	L	Pass
6**	15.574	27.11	10.42	50.00	22.89	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.160	41.76	9.78	65.46	23.70	Peak	N	Pass
1**	0.160	29.25	9.78	55.46	26.21	AV	N	Pass
2	0.350	39.70	10.76	58.96	19.26	Peak	N	Pass
2**	0.350	28.66	10.76	48.96	20.30	AV	N	Pass
3	0.728	37.08	10.38	56.00	18.92	Peak	N	Pass
3**	0.728	25.83	10.38	46.00	20.17	AV	N	Pass
4	5.056	37.63	10.32	60.00	22.37	Peak	N	Pass
4**	5.056	24.96	10.32	50.00	25.04	AV	N	Pass
5	9.238	37.75	10.44	60.00	22.25	Peak	N	Pass
5**	9.238	26.00	10.44	50.00	24.00	AV	N	Pass
6	23.914	37.78	11.14	60.00	22.22	Peak	N	Pass
6**	23.914	27.33	11.14	50.00	22.67	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.

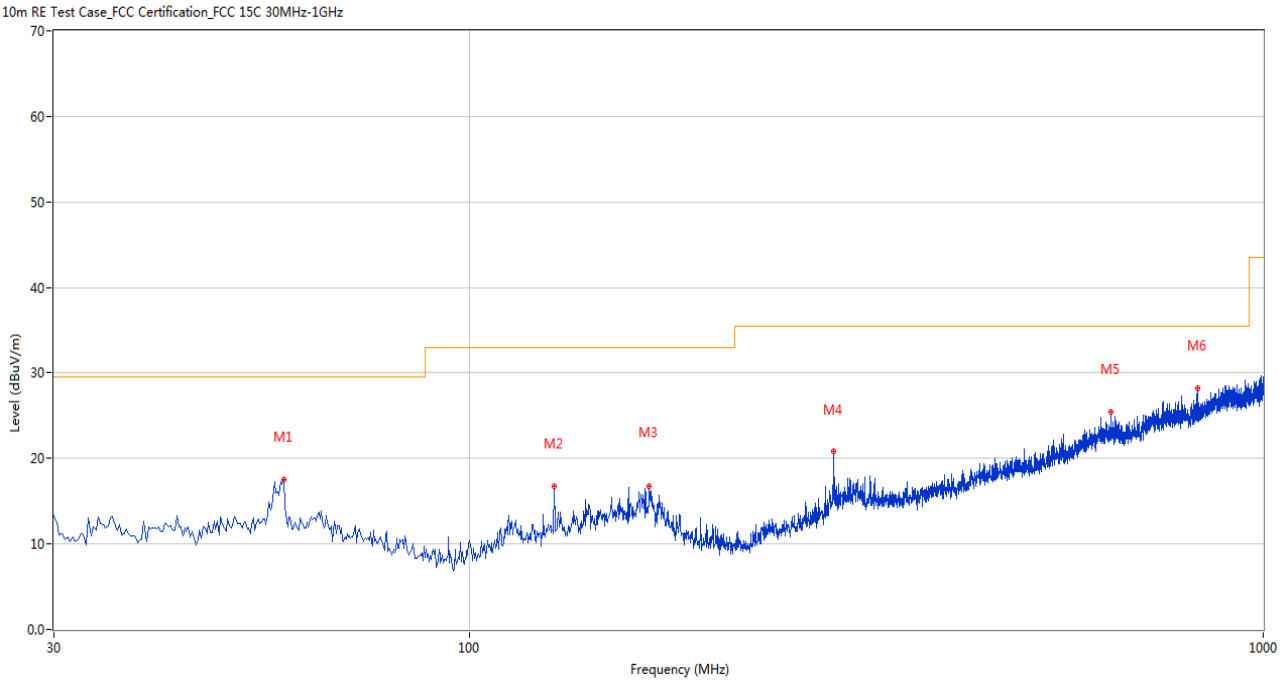
Note [2]: For the test data above 1 GHz，According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

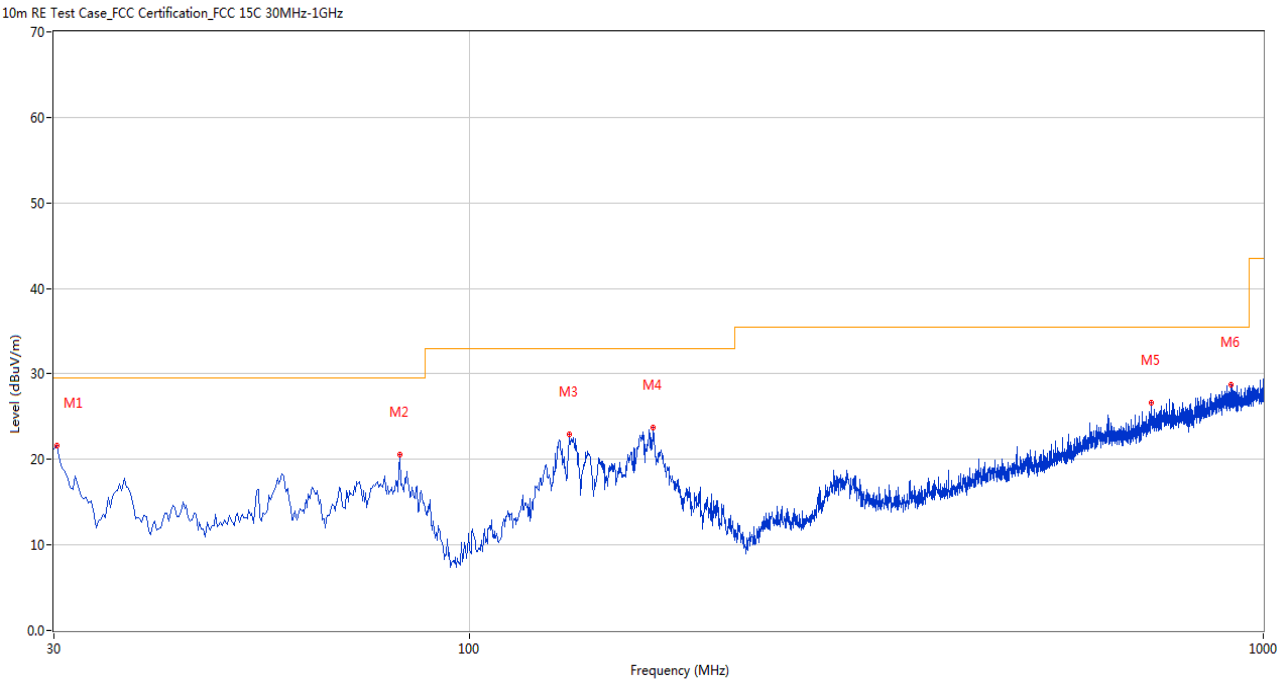
Test Data and Plots

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	58.365	17.60	-26.37	29.5	11.90	Peak	128.00	200	Horizontal	Pass
2	127.946	16.70	-27.49	33.0	16.30	Peak	266.00	100	Horizontal	Pass
3	168.675	15.36	-26.00	33.0	17.64	Peak	291.00	100	Horizontal	Pass
4	287.956	20.78	-25.01	35.5	14.72	Peak	170.00	200	Horizontal	Pass
5	642.402	25.39	-15.84	35.5	10.11	Peak	226.00	100	Horizontal	Pass
6	826.413	28.27	-12.73	35.5	7.23	Peak	217.00	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	30.242	21.63	-28.19	29.5	7.87	Peak	183.00	100	Vertical	Pass
2	81.882	20.62	-30.78	29.5	8.88	Peak	183.00	100	Vertical	Pass
3	133.522	22.91	-26.98	33.0	10.09	Peak	297.00	100	Vertical	Pass
4	170.615	23.67	-26.07	33.0	9.33	Peak	229.00	100	Vertical	Pass
5	722.164	26.60	-13.99	35.5	8.90	Peak	257.00	100	Vertical	Pass
6	910.782	28.72	-10.55	35.5	6.78	Peak	0.00	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	1585.400	38.53	-16.80	74.0	35.47	Peak	110.00	100	Horizontal	Pass
1**	1585.400	30.62	-16.80	54.0	23.38	AV	110.00	100	Horizontal	Pass
2	4379.800	49.81	-3.28	74.0	24.19	Peak	50.00	100	Horizontal	Pass
2**	4379.800	41.31	-3.28	54.0	12.69	AV	50.00	100	Horizontal	Pass
3	5181.800	106.33	-2.62	--	--	Peak	233.00	100	Horizontal	N/A
3**	5181.800	98.87	-2.62	--	--	AV	233.00	100	Horizontal	N/A
4	7346.438	49.71	-3.56	74.0	24.29	Peak	96.00	200	Horizontal	Pass
4**	7346.438	40.91	-3.56	54.0	13.09	AV	96.00	200	Horizontal	Pass
5	11939.250	52.77	1.69	74.0	21.23	Peak	145.00	100	Horizontal	Pass
5**	11939.250	43.29	1.69	54.0	10.71	AV	145.00	100	Horizontal	Pass
6	15659.550	55.44	1.26	74.0	18.56	Peak	344.00	100	Horizontal	Pass
6**	15659.550	45.68	1.26	54.0	8.32	AV	344.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.600	39.11	-16.98	74.0	34.89	Peak	213.00	400	Vertical	Pass
1**	1540.600	30.24	-16.98	54.0	23.76	AV	213.00	400	Vertical	Pass
2	4393.000	50.40	-3.64	74.0	23.60	Peak	146.00	200	Vertical	Pass
2**	4393.000	41.25	-3.64	54.0	12.75	AV	146.00	200	Vertical	Pass
3	5179.200	100.69	-2.56	--	--	Peak	199.00	150	Vertical	N/A
3**	5179.200	93.38	-2.56	--	--	AV	199.00	150	Vertical	N/A
4	7338.675	50.53	-2.91	74.0	23.47	Peak	209.00	100	Vertical	Pass
4**	7338.675	41.02	-2.91	54.0	12.98	AV	209.00	100	Vertical	Pass
5	12266.713	53.33	1.35	74.0	20.67	Peak	226.00	150	Vertical	Pass
5**	12266.713	43.30	1.35	54.0	10.70	AV	226.00	150	Vertical	Pass
6	15804.188	56.14	2.28	74.0	17.86	Peak	126.00	200	Vertical	Pass
6**	15804.188	47.04	2.28	54.0	6.96	AV	126.00	200	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	1484.400	39.19	-16.81	74.0	34.81	Peak	59.00	400	Horizontal	Pass
1**	1484.400	31.01	-16.81	54.0	22.99	AV	59.00	400	Horizontal	Pass
2	4242.000	49.86	-4.42	74.0	24.14	Peak	64.00	300	Horizontal	Pass
2**	4242.000	39.67	-4.42	54.0	14.33	AV	64.00	300	Horizontal	Pass
3	5221.000	107.31	-2.71	--	--	Peak	234.00	200	Horizontal	N/A
3**	5221.000	100.21	-2.71	--	--	AV	234.00	200	Horizontal	N/A
4	7451.087	49.52	-3.18	74.0	24.48	Peak	28.00	300	Horizontal	Pass
4**	7451.087	40.03	-3.18	54.0	13.97	AV	28.00	300	Horizontal	Pass
5	12381.138	53.71	1.48	74.0	20.29	Peak	191.00	200	Horizontal	Pass
5**	12381.138	42.79	1.48	54.0	11.21	AV	191.00	200	Horizontal	Pass
6	15797.888	56.33	2.26	74.0	17.67	Peak	127.00	200	Horizontal	Pass
6**	15797.888	46.76	2.26	54.0	7.24	AV	127.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.800	39.66	-16.84	74.0	34.34	Peak	152.00	200	Vertical	Pass
1**	1504.800	30.67	-16.84	54.0	23.33	AV	152.00	200	Vertical	Pass
2	4376.400	50.17	-3.92	74.0	23.83	Peak	310.00	400	Vertical	Pass
2**	4376.400	41.20	-3.92	54.0	12.80	AV	310.00	400	Vertical	Pass
3	5217.000	101.29	-2.68	--	--	Peak	169.00	150	Vertical	N/A
3**	5217.000	93.37	-2.68	--	--	AV	169.00	150	Vertical	N/A
4	7680.225	49.54	-2.46	74.0	24.46	Peak	280.00	100	Vertical	Pass
4**	7680.225	40.86	-2.46	54.0	13.14	AV	280.00	100	Vertical	Pass
5	12119.224	53.61	0.56	74.0	20.39	Peak	195.00	100	Vertical	Pass
5**	12119.224	42.93	0.56	54.0	11.07	AV	195.00	100	Vertical	Pass
6	15797.363	55.79	2.25	74.0	18.21	Peak	330.00	100	Vertical	Pass
6**	15797.363	47.13	2.25	54.0	6.87	AV	330.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.400	39.29	-17.01	74.0	34.71	Peak	41.00	200	Horizontal	Pass
1**	1587.400	29.30	-17.01	54.0	24.70	AV	41.00	200	Horizontal	Pass
2	4385.800	50.70	-3.33	74.0	23.30	Peak	136.00	200	Horizontal	Pass
2**	4385.800	42.19	-3.33	54.0	11.81	AV	136.00	200	Horizontal	Pass
3	5241.400	106.99	-2.57	--	--	Peak	214.00	150	Horizontal	N/A
3**	5241.400	100.08	-2.57	--	--	AV	214.00	150	Horizontal	N/A
4	7337.238	50.24	-2.96	74.0	23.76	Peak	181.00	400	Horizontal	Pass
4**	7337.238	41.21	-2.96	54.0	12.79	AV	181.00	400	Horizontal	Pass
5	11479.537	53.51	-0.03	74.0	20.49	Peak	347.00	100	Horizontal	Pass
5**	11479.537	42.94	-0.03	54.0	11.06	AV	347.00	100	Horizontal	Pass
6	15842.513	55.62	1.41	74.0	18.38	Peak	34.00	300	Horizontal	Pass
6**	15842.513	46.47	1.41	54.0	7.53	AV	34.00	300	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	1577.000	39.84	-17.41	74.0	34.16	Peak	266.00	300	Vertical	Pass
1**	1577.000	29.67	-17.41	54.0	24.33	AV	266.00	300	Vertical	Pass
2	4383.400	50.88	-3.64	74.0	23.12	Peak	79.00	300	Vertical	Pass
2**	4383.400	41.80	-3.64	54.0	12.20	AV	79.00	300	Vertical	Pass
3	5241.200	101.09	-2.61	--	--	Peak	186.00	100	Vertical	N/A
3**	5241.200	93.21	-2.61	--	--	AV	186.00	100	Vertical	N/A
4	7673.612	49.39	-2.31	74.0	24.61	Peak	199.00	300	Vertical	Pass
4**	7673.612	40.60	-2.31	54.0	13.40	AV	199.00	300	Vertical	Pass
5	11629.325	53.86	-0.19	74.0	20.14	Peak	331.00	150	Vertical	Pass
5**	11629.325	43.59	-0.19	54.0	10.41	AV	331.00	150	Vertical	Pass
6	15843.037	55.99	1.40	74.0	18.01	Peak	0.00	300	Vertical	Pass
6**	15843.037	46.67	1.40	54.0	7.33	AV	0.00	300	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	1442.400	39.09	-17.04	74.0	34.91	Peak	179.00	400	Horizontal	Pass
1**	1442.400	29.95	-17.04	54.0	24.05	AV	179.00	400	Horizontal	Pass
2	4381.400	50.12	-3.56	74.0	23.88	Peak	305.00	300	Horizontal	Pass
2**	4381.400	41.17	-3.56	54.0	12.83	AV	305.00	300	Horizontal	Pass
3	5181.600	105.52	-2.63	--	--	Peak	229.00	200	Horizontal	N/A
3**	5181.600	97.28	-2.63	--	--	AV	229.00	200	Horizontal	N/A
4	7676.775	50.56	-2.53	74.0	23.44	Peak	0.00	400	Horizontal	Pass
4**	7676.775	41.12	-2.53	54.0	12.88	AV	0.00	400	Horizontal	Pass
5	12609.988	52.74	1.89	74.0	21.26	Peak	24.00	100	Horizontal	Pass
5**	12609.988	43.47	1.89	54.0	10.53	AV	24.00	100	Horizontal	Pass
6	16122.075	56.15	0.69	74.0	17.85	Peak	157.00	300	Horizontal	Pass
6**	16122.075	46.41	0.69	54.0	7.59	AV	157.00	300	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	1578.000	38.54	-17.46	74.0	35.46	Peak	154.00	400	Vertical	Pass
1**	1578.000	29.08	-17.46	54.0	24.92	AV	154.00	400	Vertical	Pass
2	4390.200	50.34	-3.31	74.0	23.66	Peak	88.00	100	Vertical	Pass
2**	4390.200	40.99	-3.31	54.0	13.01	AV	88.00	100	Vertical	Pass
3	5178.200	99.29	-2.52	--	--	Peak	179.00	200	Vertical	N/A
3**	5178.200	91.60	-2.52	--	--	AV	179.00	200	Vertical	N/A
4	7686.263	49.64	-1.94	74.0	24.36	Peak	130.00	300	Vertical	Pass
4**	7686.263	40.49	-1.94	54.0	13.51	AV	130.00	300	Vertical	Pass
5	12557.950	53.26	1.65	74.0	20.74	Peak	311.00	150	Vertical	Pass
5**	12557.950	43.19	1.65	54.0	10.81	AV	311.00	150	Vertical	Pass
6	15800.776	56.02	2.32	74.0	17.98	Peak	38.00	400	Vertical	Pass
6**	15800.776	46.53	2.32	54.0	7.47	AV	38.00	400	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	1566.500	39.19	-17.09	74.0	34.81	Peak	21.00	100	Horizontal	Pass
1**	1566.500	29.32	-17.09	54.0	24.68	AV	21.00	100	Horizontal	Pass
2	4360.600	49.90	-4.00	74.0	24.10	Peak	279.00	100	Horizontal	Pass
2**	4360.600	41.29	-4.00	54.0	12.71	AV	279.00	100	Horizontal	Pass
3	5221.400	105.92	-2.68	--	--	Peak	236.00	200	Horizontal	N/A
3**	5221.400	98.54	-2.68	--	--	AV	236.00	200	Horizontal	N/A
4	7268.237	49.67	-2.93	74.0	24.33	Peak	142.00	300	Horizontal	Pass
4**	7268.237	39.71	-2.93	54.0	14.29	AV	142.00	300	Horizontal	Pass
5	12437.488	52.75	1.74	74.0	21.25	Peak	278.00	200	Horizontal	Pass
5**	12437.488	43.57	1.74	54.0	10.43	AV	278.00	200	Horizontal	Pass
6	15807.075	56.42	2.23	74.0	17.58	Peak	251.00	400	Horizontal	Pass
6**	15807.075	46.55	2.23	54.0	7.45	AV	251.00	400	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	1447.700	39.32	-17.20	74.0	34.68	Peak	51.00	200	Vertical	Pass
1**	1447.700	30.03	-17.20	54.0	23.97	AV	51.00	200	Vertical	Pass
2	4381.400	50.11	-3.56	74.0	23.89	Peak	360.00	200	Vertical	Pass
2**	4381.400	41.89	-3.56	54.0	12.11	AV	360.00	200	Vertical	Pass
3	5221.400	100.09	-2.68	--	--	Peak	165.00	200	Vertical	N/A
3**	5221.400	93.39	-2.68	--	--	AV	165.00	200	Vertical	N/A
4	7345.862	49.93	-3.52	74.0	24.07	Peak	1.00	300	Vertical	Pass
4**	7345.862	40.95	-3.52	54.0	13.05	AV	1.00	300	Vertical	Pass
5	12292.875	53.23	1.61	74.0	20.77	Peak	345.00	100	Vertical	Pass
5**	12292.875	43.07	1.61	54.0	10.93	AV	345.00	100	Vertical	Pass
6	15855.375	56.03	1.17	74.0	17.97	Peak	78.00	100	Vertical	Pass
6**	15855.375	45.57	1.17	54.0	8.43	AV	78.00	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	1504.500	39.28	-16.87	74.0	34.72	Peak	11.00	200	Horizontal	Pass
1**	1504.500	30.07	-16.87	54.0	23.93	AV	11.00	200	Horizontal	Pass
2	4369.600	50.17	-3.97	74.0	23.83	Peak	74.00	200	Horizontal	Pass
2**	4369.600	40.94	-3.97	54.0	13.06	AV	74.00	200	Horizontal	Pass
3	5241.600	105.88	-2.54	--	--	Peak	215.00	200	Horizontal	N/A
3**	5241.600	98.74	-2.54	--	--	AV	215.00	200	Horizontal	N/A
4	7393.875	49.47	-3.84	74.0	24.53	Peak	0.00	300	Horizontal	Pass
4**	7393.875	40.40	-3.84	54.0	13.60	AV	0.00	300	Horizontal	Pass
5	12641.901	53.37	1.10	74.0	20.63	Peak	92.00	150	Horizontal	Pass
5**	12641.901	42.69	1.10	54.0	11.31	AV	92.00	150	Horizontal	Pass
6	15802.875	56.49	2.30	74.0	17.51	Peak	154.00	100	Horizontal	Pass
6**	15802.875	47.52	2.30	54.0	6.48	AV	154.00	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	1611.000	39.31	-17.02	74.0	34.69	Peak	279.00	400	Vertical	Pass
1**	1611.000	30.94	-17.02	54.0	23.06	AV	279.00	400	Vertical	Pass
2	4384.400	50.79	-3.57	74.0	23.21	Peak	163.00	400	Vertical	Pass
2**	4384.400	43.08	-3.57	54.0	10.92	AV	163.00	400	Vertical	Pass
3	5238.200	100.07	-2.56	--	--	Peak	195.00	200	Vertical	N/A
3**	5238.200	92.61	-2.56	--	--	AV	195.00	200	Vertical	N/A
4	7344.138	49.63	-3.45	74.0	24.37	Peak	37.00	100	Vertical	Pass
4**	7344.138	40.31	-3.45	54.0	13.69	AV	37.00	100	Vertical	Pass
5	12318.463	53.27	1.42	74.0	20.73	Peak	297.00	150	Vertical	Pass
5**	12318.463	44.09	1.42	54.0	9.91	AV	297.00	150	Vertical	Pass
6	15841.988	55.88	1.42	74.0	18.12	Peak	115.00	200	Vertical	Pass
6**	15841.988	46.76	1.42	54.0	7.24	AV	115.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1559.900	38.88	-16.94	74.0	35.12	Peak	328.00	400	Horizontal	Pass
1**	1559.900	29.46	-16.94	54.0	24.54	AV	328.00	400	Horizontal	Pass
2	4382.600	50.08	-3.64	74.0	23.92	Peak	360.00	300	Horizontal	Pass
2**	4382.600	42.14	-3.64	54.0	11.86	AV	360.00	300	Horizontal	Pass
3	5192.000	102.59	-2.28	--	--	Peak	224.00	150	Horizontal	N/A
3**	5192.000	94.89	-2.28	--	--	AV	224.00	150	Horizontal	N/A
4	7441.888	50.27	-3.39	74.0	23.73	Peak	0.00	300	Horizontal	Pass
4**	7441.888	40.13	-3.39	54.0	13.87	AV	0.00	300	Horizontal	Pass
5	12354.400	53.44	1.17	74.0	20.56	Peak	0.00	100	Horizontal	Pass
5**	12354.400	43.04	1.17	54.0	10.96	AV	0.00	100	Horizontal	Pass
6	15838.312	56.18	1.45	74.0	17.82	Peak	166.00	400	Horizontal	Pass
6**	15838.312	46.19	1.45	54.0	7.81	AV	166.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1456.000	39.21	-17.25	74.0	34.79	Peak	315.00	300	Vertical	Pass
1**	1456.000	29.75	-17.25	54.0	24.25	AV	315.00	300	Vertical	Pass
2	4379.400	50.49	-3.32	74.0	23.51	Peak	0.00	300	Vertical	Pass
2**	4379.400	41.31	-3.32	54.0	12.69	AV	0.00	300	Vertical	Pass
3	5191.600	96.64	-2.25	--	--	Peak	202.00	100	Vertical	N/A
3**	5191.600	89.46	-2.25	--	--	AV	202.00	100	Vertical	N/A
4	7731.112	49.58	-2.43	74.0	24.42	Peak	239.00	100	Vertical	Pass
4**	7731.112	40.94	-2.43	54.0	13.06	AV	239.00	100	Vertical	Pass
5	12321.338	52.93	1.42	74.0	21.07	Peak	27.00	100	Vertical	Pass
5**	12321.338	43.72	1.42	54.0	10.28	AV	27.00	100	Vertical	Pass
6	16124.701	56.09	0.79	74.0	17.91	Peak	154.00	400	Vertical	Pass
6**	16124.701	45.17	0.79	54.0	8.83	AV	154.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.000	39.79	-16.76	74.0	34.21	Peak	321.00	300	Horizontal	Pass
1**	1489.000	30.29	-16.76	54.0	23.71	AV	321.00	300	Horizontal	Pass
2	4385.600	50.18	-3.36	74.0	23.82	Peak	52.00	300	Horizontal	Pass
2**	4385.600	41.58	-3.36	54.0	12.42	AV	52.00	300	Horizontal	Pass
3	5232.000	102.37	-2.60	--	--	Peak	222.00	100	Horizontal	N/A
3**	5232.000	95.21	-2.60	--	--	AV	222.00	100	Horizontal	N/A
4	7341.837	49.86	-3.15	74.0	24.14	Peak	329.00	100	Horizontal	Pass
4**	7341.837	41.37	-3.15	54.0	12.63	AV	329.00	100	Horizontal	Pass
5	12256.075	53.45	1.00	74.0	20.55	Peak	76.00	150	Horizontal	Pass
5**	12256.075	43.59	1.00	54.0	10.41	AV	76.00	150	Horizontal	Pass
6	15647.475	56.13	1.21	74.0	17.87	Peak	236.00	200	Horizontal	Pass
6**	15647.475	45.79	1.21	54.0	8.21	AV	236.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.900	38.56	-17.20	74.0	35.44	Peak	344.00	200	Vertical	Pass
1**	1444.900	29.27	-17.20	54.0	24.73	AV	344.00	200	Vertical	Pass
2	4284.000	50.29	-4.19	74.0	23.71	Peak	50.00	300	Vertical	Pass
2**	4284.000	41.40	-4.19	54.0	12.60	AV	50.00	300	Vertical	Pass
3	5227.600	97.79	-2.85	--	--	Peak	193.00	100	Vertical	N/A
3**	5227.600	89.21	-2.85	--	--	AV	193.00	100	Vertical	N/A
4	7381.513	49.59	-3.39	74.0	24.41	Peak	309.00	100	Vertical	Pass
4**	7381.513	41.15	-3.39	54.0	12.85	AV	309.00	100	Vertical	Pass
5	12314.150	54.48	1.40	74.0	19.52	Peak	0.00	200	Vertical	Pass
5**	12314.150	43.86	1.40	54.0	10.14	AV	0.00	200	Vertical	Pass
6	15795.787	56.07	2.19	74.0	17.93	Peak	262.00	200	Vertical	Pass
6**	15795.787	46.05	2.19	54.0	7.95	AV	262.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.900	38.78	-17.30	74.0	35.22	Peak	212.00	100	Horizontal	Pass
1**	1461.900	29.59	-17.30	54.0	24.41	AV	212.00	100	Horizontal	Pass
2	4366.400	50.44	-3.85	74.0	23.56	Peak	297.00	100	Horizontal	Pass
2**	4366.400	42.44	-3.85	54.0	11.56	AV	297.00	100	Horizontal	Pass
3	5178.000	104.60	-2.52	--	--	Peak	204.00	150	Horizontal	N/A
3**	5178.000	97.22	-2.52	--	--	AV	204.00	150	Horizontal	N/A
4	7340.400	49.84	-3.01	74.0	24.16	Peak	53.00	400	Horizontal	Pass
4**	7340.400	40.54	-3.01	54.0	13.46	AV	53.00	400	Horizontal	Pass
5	11940.400	53.46	1.68	74.0	20.54	Peak	150.00	150	Horizontal	Pass
5**	11940.400	43.78	1.68	54.0	10.22	AV	150.00	150	Horizontal	Pass
6	15797.363	55.74	2.25	74.0	18.26	Peak	34.00	100	Horizontal	Pass
6**	15797.363	46.12	2.25	54.0	7.88	AV	34.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1591.100	39.28	-17.30	74.0	34.72	Peak	187.00	300	Vertical	Pass
1**	1591.100	29.48	-17.30	54.0	24.52	AV	187.00	300	Vertical	Pass
2	4385.800	49.86	-3.33	74.0	24.14	Peak	19.00	100	Vertical	Pass
2**	4385.800	42.18	-3.33	54.0	11.82	AV	19.00	100	Vertical	Pass
3	5179.000	99.56	-2.54	--	--	Peak	189.00	200	Vertical	N/A
3**	5179.000	91.62	-2.54	--	--	AV	189.00	200	Vertical	N/A
4	7448.500	49.05	-3.26	74.0	24.95	Peak	161.00	100	Vertical	Pass
4**	7448.500	40.25	-3.26	54.0	13.75	AV	161.00	100	Vertical	Pass
5	12103.412	53.24	0.59	74.0	20.76	Peak	211.00	200	Vertical	Pass
5**	12103.412	43.25	0.59	54.0	10.75	AV	211.00	200	Vertical	Pass
6	15849.600	56.03	1.33	74.0	17.97	Peak	360.00	400	Vertical	Pass
6**	15849.600	46.23	1.33	54.0	7.77	AV	360.00	400	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	1492.100	39.36	-16.89	74.0	34.64	Peak	63.00	400	Horizontal	Pass
1**	1492.100	29.92	-16.89	54.0	24.08	AV	63.00	400	Horizontal	Pass
2	4383.400	50.12	-3.64	74.0	23.88	Peak	0.00	200	Horizontal	Pass
2**	4383.400	41.23	-3.64	54.0	12.77	AV	0.00	200	Horizontal	Pass
3	5221.400	105.54	-2.68	--	--	Peak	227.00	200	Horizontal	N/A
3**	5221.400	98.41	-2.68	--	--	AV	227.00	200	Horizontal	N/A
4	7688.563	50.31	-2.28	74.0	23.69	Peak	0.00	300	Horizontal	Pass
4**	7688.563	39.62	-2.28	54.0	14.38	AV	0.00	300	Horizontal	Pass
5	12317.887	53.14	1.42	74.0	20.86	Peak	93.00	150	Horizontal	Pass
5**	12317.887	44.22	1.42	54.0	9.78	AV	93.00	150	Horizontal	Pass
6	15803.662	56.05	2.29	74.0	17.95	Peak	80.00	300	Horizontal	Pass
6**	15803.662	46.55	2.29	54.0	7.45	AV	80.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1551.700	39.34	-17.05	74.0	34.66	Peak	307.00	200	Vertical	Pass
1**	1551.700	29.51	-17.05	54.0	24.49	AV	307.00	200	Vertical	Pass
2	4381.400	50.30	-3.56	74.0	23.70	Peak	222.00	400	Vertical	Pass
2**	4381.400	41.21	-3.56	54.0	12.79	AV	222.00	400	Vertical	Pass
3	5219.000	99.30	-2.88	--	--	Peak	174.00	200	Vertical	N/A
3**	5219.000	92.70	-2.88	--	--	AV	174.00	200	Vertical	N/A
4	7346.438	50.04	-3.56	74.0	23.96	Peak	1.00	200	Vertical	Pass
4**	7346.438	40.33	-3.56	54.0	13.67	AV	1.00	200	Vertical	Pass
5	12473.425	52.98	1.63	74.0	21.02	Peak	241.00	200	Vertical	Pass
5**	12473.425	43.51	1.63	54.0	10.49	AV	241.00	200	Vertical	Pass
6	15781.875	55.47	1.64	74.0	18.53	Peak	23.00	200	Vertical	Pass
6**	15781.875	45.41	1.64	54.0	8.59	AV	23.00	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	1470.800	39.58	-17.36	74.0	34.42	Peak	87.00	100	Horizontal	Pass
1**	1470.800	29.04	-17.36	54.0	24.96	AV	87.00	100	Horizontal	Pass
2	4365.400	50.89	-3.90	74.0	23.11	Peak	81.00	400	Horizontal	Pass
2**	4365.400	40.60	-3.90	54.0	13.40	AV	81.00	400	Horizontal	Pass
3	5241.600	105.59	-2.54	--	--	Peak	217.00	100	Horizontal	N/A
3**	5241.600	97.82	-2.54	--	--	AV	217.00	100	Horizontal	N/A
4	7337.525	49.57	-2.90	74.0	24.43	Peak	0.00	300	Horizontal	Pass
4**	7337.525	41.11	-2.90	54.0	12.89	AV	0.00	300	Horizontal	Pass
5	12635.575	52.73	1.25	74.0	21.27	Peak	154.00	200	Horizontal	Pass
5**	12635.575	43.05	1.25	54.0	10.95	AV	154.00	200	Horizontal	Pass
6	16038.338	55.57	0.78	74.0	18.43	Peak	285.00	100	Horizontal	Pass
6**	16038.338	45.91	0.78	54.0	8.09	AV	285.00	100	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	1552.200	39.10	-17.09	74.0	34.90	Peak	260.00	200	Vertical	Pass
1**	1552.200	29.39	-17.09	54.0	24.61	AV	260.00	200	Vertical	Pass
2	4378.400	50.93	-3.42	74.0	23.07	Peak	320.00	200	Vertical	Pass
2**	4378.400	40.68	-3.42	54.0	13.32	AV	320.00	200	Vertical	Pass
3	5239.000	99.96	-2.62	--	--	Peak	186.00	100	Vertical	N/A
3**	5239.000	93.23	-2.62	--	--	AV	186.00	100	Vertical	N/A
4	7388.987	49.32	-3.97	74.0	24.68	Peak	360.00	300	Vertical	Pass
4**	7388.987	39.87	-3.97	54.0	14.13	AV	360.00	300	Vertical	Pass
5	12285.688	52.73	1.76	74.0	21.27	Peak	0.00	100	Vertical	Pass
5**	12285.688	43.91	1.76	54.0	10.09	AV	0.00	100	Vertical	Pass
6	15828.600	56.12	1.54	74.0	17.88	Peak	334.00	400	Vertical	Pass
6**	15828.600	46.66	1.54	54.0	7.34	AV	334.00	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	1496.600	39.41	-16.91	74.0	34.59	Peak	183.00	200	Horizontal	Pass
1**	1496.600	29.23	-16.91	54.0	24.77	AV	183.00	200	Horizontal	Pass
2	4379.600	50.63	-3.30	74.0	23.37	Peak	70.00	100	Horizontal	Pass
2**	4379.600	42.03	-3.30	54.0	11.97	AV	70.00	100	Horizontal	Pass
3	5192.400	102.02	-2.31	--	--	Peak	229.00	100	Horizontal	N/A
3**	5192.400	94.64	-2.31	--	--	AV	229.00	100	Horizontal	N/A
4	7358.225	49.18	-3.78	74.0	24.82	Peak	32.00	400	Horizontal	Pass
4**	7358.225	40.17	-3.78	54.0	13.83	AV	32.00	400	Horizontal	Pass
5	11927.463	53.11	1.54	74.0	20.89	Peak	167.00	150	Horizontal	Pass
5**	11927.463	43.18	1.54	54.0	10.82	AV	167.00	150	Horizontal	Pass
6	15807.337	55.22	2.22	74.0	18.78	Peak	180.00	300	Horizontal	Pass
6**	15807.337	47.05	2.22	54.0	6.95	AV	180.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.800	39.24	-17.06	74.0	34.76	Peak	4.00	100	Vertical	Pass
1**	1527.800	29.52	-17.06	54.0	24.48	AV	4.00	100	Vertical	Pass
2	4379.000	50.08	-3.36	74.0	23.92	Peak	32.00	400	Vertical	Pass
2**	4379.000	41.86	-3.36	54.0	12.14	AV	32.00	400	Vertical	Pass
3	5193.000	96.16	-2.36	--	--	Peak	196.00	150	Vertical	N/A
3**	5193.000	88.66	-2.36	--	--	AV	196.00	150	Vertical	N/A
4	7336.950	50.08	-3.01	74.0	23.92	Peak	87.00	200	Vertical	Pass
4**	7336.950	40.52	-3.01	54.0	13.48	AV	87.00	200	Vertical	Pass
5	12287.700	53.43	1.72	74.0	20.57	Peak	360.00	100	Vertical	Pass
5**	12287.700	43.87	1.72	54.0	10.13	AV	360.00	100	Vertical	Pass
6	15819.150	56.62	1.91	74.0	17.38	Peak	298.00	400	Vertical	Pass
6**	15819.150	46.64	1.91	54.0	7.36	AV	298.00	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	1488.100	38.74	-16.81	74.0	35.26	Peak	70.00	100	Horizontal	Pass
1**	1488.100	30.49	-16.81	54.0	23.51	AV	70.00	100	Horizontal	Pass
2	4377.000	50.72	-3.71	74.0	23.28	Peak	25.00	200	Horizontal	Pass
2**	4377.000	41.66	-3.71	54.0	12.34	AV	25.00	200	Horizontal	Pass
3	5231.600	102.41	-2.57	--	--	Peak	203.00	100	Horizontal	N/A
3**	5231.600	94.60	-2.57	--	--	AV	203.00	100	Horizontal	N/A
4	7332.638	49.53	-3.21	74.0	24.47	Peak	360.00	300	Horizontal	Pass
4**	7332.638	40.81	-3.21	54.0	13.19	AV	360.00	300	Horizontal	Pass
5	12285.975	53.21	1.75	74.0	20.79	Peak	157.00	100	Horizontal	Pass
5**	12285.975	43.57	1.75	54.0	10.43	AV	157.00	100	Horizontal	Pass
6	15502.838	55.64	1.23	74.0	18.36	Peak	134.00	300	Horizontal	Pass
6**	15502.838	46.03	1.23	54.0	7.97	AV	134.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1469.800	38.76	-17.35	74.0	35.24	Peak	121.00	100	Vertical	Pass
1**	1469.800	29.82	-17.35	54.0	24.18	AV	121.00	100	Vertical	Pass
2	4377.800	50.00	-3.48	74.0	24.00	Peak	316.00	100	Vertical	Pass
2**	4377.800	41.08	-3.48	54.0	12.92	AV	316.00	100	Vertical	Pass
3	5231.600	96.61	-2.57	--	--	Peak	194.00	200	Vertical	N/A
3**	5231.600	89.24	-2.57	--	--	AV	194.00	200	Vertical	N/A
4	7346.150	49.82	-3.53	74.0	24.18	Peak	255.00	300	Vertical	Pass
4**	7346.150	40.07	-3.53	54.0	13.93	AV	255.00	300	Vertical	Pass
5	12683.013	53.00	0.85	74.0	21.00	Peak	13.00	200	Vertical	Pass
5**	12683.013	42.79	0.85	54.0	11.21	AV	13.00	200	Vertical	Pass
6	15645.638	56.19	1.23	74.0	17.81	Peak	258.00	400	Vertical	Pass
6**	15645.638	46.43	1.23	54.0	7.57	AV	258.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.400	39.49	-17.13	74.0	34.51	Peak	320.00	200	Horizontal	Pass
1**	1538.400	29.38	-17.13	54.0	24.62	AV	320.00	200	Horizontal	Pass
2	4254.800	49.94	-4.57	74.0	24.06	Peak	360.00	400	Horizontal	Pass
2**	4254.800	39.78	-4.57	54.0	14.22	AV	360.00	400	Horizontal	Pass
3	5203.200	99.58	-2.19	--	--	Peak	238.00	200	Horizontal	N/A
3**	5203.200	92.39	-2.19	--	--	AV	238.00	200	Horizontal	N/A
4	7342.125	49.43	-3.19	74.0	24.57	Peak	47.00	300	Horizontal	Pass
4**	7342.125	40.84	-3.19	54.0	13.16	AV	47.00	300	Horizontal	Pass
5	12508.213	53.14	1.63	74.0	20.86	Peak	309.00	150	Horizontal	Pass
5**	12508.213	43.28	1.63	54.0	10.72	AV	309.00	150	Horizontal	Pass
6	16048.050	55.89	0.74	74.0	18.11	Peak	0.00	100	Horizontal	Pass
6**	16048.050	45.15	0.74	54.0	8.85	AV	0.00	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	1562.500	39.35	-16.84	74.0	34.65	Peak	49.00	300	Vertical	Pass
1**	1562.500	29.69	-16.84	54.0	24.31	AV	49.00	300	Vertical	Pass
2	4378.200	50.07	-3.44	74.0	23.93	Peak	360.00	400	Vertical	Pass
2**	4378.200	42.09	-3.44	54.0	11.91	AV	360.00	400	Vertical	Pass
3	5203.000	94.04	-2.18	--	--	Peak	193.00	100	Vertical	N/A
3**	5203.000	86.82	-2.18	--	--	AV	193.00	100	Vertical	N/A
4	7329.763	49.65	-3.51	74.0	24.35	Peak	344.00	400	Vertical	Pass
4**	7329.763	40.52	-3.51	54.0	13.48	AV	344.00	400	Vertical	Pass
5	12276.775	53.04	1.68	74.0	20.96	Peak	307.00	100	Vertical	Pass
5**	12276.775	43.92	1.68	54.0	10.08	AV	307.00	100	Vertical	Pass
6	15804.713	56.00	2.27	74.0	18.00	Peak	300.00	200	Vertical	Pass
6**	15804.713	47.35	2.27	54.0	6.65	AV	300.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1610.700	39.02	-17.08	74.0	34.98	Peak	136.00	400	Horizontal	Pass
1**	1610.700	29.76	-17.08	54.0	24.24	AV	136.00	400	Horizontal	Pass
2	4387.400	50.05	-3.35	74.0	23.95	Peak	321.00	100	Horizontal	Pass
2**	4387.400	41.41	-3.35	54.0	12.59	AV	321.00	100	Horizontal	Pass
3	5258.400	107.64	-1.77	--	--	Peak	225.00	100	Horizontal	N/A
3**	5258.400	100.28	-1.77	--	--	AV	225.00	100	Horizontal	N/A
4	7694.600	49.70	-2.92	74.0	24.30	Peak	360.00	200	Horizontal	Pass
4**	7694.600	39.35	-2.92	54.0	14.65	AV	360.00	200	Horizontal	Pass
5	12605.388	53.80	1.91	74.0	20.20	Peak	294.00	150	Horizontal	Pass
5**	12605.388	44.27	1.91	54.0	9.73	AV	294.00	150	Horizontal	Pass
6	15512.025	55.74	1.42	74.0	18.26	Peak	269.00	200	Horizontal	Pass
6**	15512.025	47.29	1.42	54.0	6.71	AV	269.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.600	39.01	-17.34	74.0	34.99	Peak	47.00	400	Vertical	Pass
1**	1598.600	30.12	-17.34	54.0	23.88	AV	47.00	400	Vertical	Pass
2	4378.800	50.35	-3.38	74.0	23.65	Peak	9.00	300	Vertical	Pass
2**	4378.800	42.11	-3.38	54.0	11.89	AV	9.00	300	Vertical	Pass
3	5259.200	101.47	-1.76	--	--	Peak	137.00	100	Vertical	N/A
3**	5259.200	94.35	-1.76	--	--	AV	137.00	100	Vertical	N/A
4	7728.525	49.96	-2.53	74.0	24.04	Peak	186.00	400	Vertical	Pass
4**	7728.525	39.88	-2.53	54.0	14.12	AV	186.00	400	Vertical	Pass
5	11915.388	53.28	1.49	74.0	20.72	Peak	340.00	150	Vertical	Pass
5**	11915.388	43.65	1.49	54.0	10.35	AV	340.00	150	Vertical	Pass
6	16105.012	56.08	0.98	74.0	17.92	Peak	279.00	100	Vertical	Pass
6**	16105.012	46.72	0.98	54.0	7.28	AV	279.00	100	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	1590.200	39.16	-17.24	74.0	34.84	Peak	22.00	400	Horizontal	Pass
1**	1590.200	28.80	-17.24	54.0	25.20	AV	22.00	400	Horizontal	Pass
2	4381.600	49.95	-3.59	74.0	24.05	Peak	129.00	300	Horizontal	Pass
2**	4381.600	41.31	-3.59	54.0	12.69	AV	129.00	300	Horizontal	Pass
3	5300.800	107.31	-2.86	--	--	Peak	195.00	150	Horizontal	N/A
3**	5300.800	99.61	-2.86	--	--	AV	195.00	150	Horizontal	N/A
4	7382.087	49.83	-3.36	74.0	24.17	Peak	309.00	400	Horizontal	Pass
4**	7382.087	40.90	-3.36	54.0	13.10	AV	309.00	400	Horizontal	Pass
5	12284.826	52.97	1.78	74.0	21.03	Peak	0.00	100	Horizontal	Pass
5**	12284.826	45.24	1.78	54.0	8.76	AV	0.00	100	Horizontal	Pass
6	15520.425	55.80	1.38	74.0	18.20	Peak	193.00	200	Horizontal	Pass
6**	15520.425	46.09	1.38	54.0	7.91	AV	193.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.000	39.43	-17.03	74.0	34.57	Peak	73.00	400	Vertical	Pass
1**	1584.000	29.49	-17.03	54.0	24.51	AV	73.00	400	Vertical	Pass
2	4207.000	50.18	-4.59	74.0	23.82	Peak	9.00	100	Vertical	Pass
2**	4207.000	39.24	-4.59	54.0	14.76	AV	9.00	100	Vertical	Pass
3	5302.800	101.00	-2.71	--	--	Peak	141.00	100	Vertical	N/A
3**	5302.800	93.47	-2.71	--	--	AV	141.00	100	Vertical	N/A
4	7351.037	50.29	-3.68	74.0	23.71	Peak	132.00	400	Vertical	Pass
4**	7351.037	40.53	-3.68	54.0	13.47	AV	132.00	400	Vertical	Pass
5	12262.974	53.12	1.20	74.0	20.88	Peak	327.00	150	Vertical	Pass
5**	12262.974	43.24	1.20	54.0	10.76	AV	327.00	150	Vertical	Pass
6	16041.750	56.01	0.78	74.0	17.99	Peak	113.00	200	Vertical	Pass
6**	16041.750	46.36	0.78	54.0	7.64	AV	113.00	200	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	1595.600	39.26	-17.16	74.0	34.74	Peak	96.00	400	Horizontal	Pass
1**	1595.600	30.35	-17.16	54.0	23.65	AV	96.00	400	Horizontal	Pass
2	4390.000	50.01	-3.32	74.0	23.99	Peak	220.00	400	Horizontal	Pass
2**	4390.000	41.90	-3.32	54.0	12.10	AV	220.00	400	Horizontal	Pass
3	5321.800	107.80	-2.16	--	--	Peak	232.00	200	Horizontal	N/A
3**	5321.800	101.01	-2.16	--	--	AV	232.00	200	Horizontal	N/A
4	7340.687	49.48	-3.04	74.0	24.52	Peak	360.00	100	Horizontal	Pass
4**	7340.687	40.71	-3.04	54.0	13.29	AV	360.00	100	Horizontal	Pass
5	12319.901	53.23	1.42	74.0	20.77	Peak	116.00	150	Horizontal	Pass
5**	12319.901	44.47	1.42	54.0	9.53	AV	116.00	150	Horizontal	Pass
6	16028.625	55.69	0.70	74.0	18.31	Peak	360.00	300	Horizontal	Pass
6**	16028.625	45.88	0.70	54.0	8.12	AV	360.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.200	38.93	-17.17	74.0	35.07	Peak	301.00	300	Vertical	Pass
1**	1597.200	28.91	-17.17	54.0	25.09	AV	301.00	300	Vertical	Pass
2	4388.400	49.71	-3.40	74.0	24.29	Peak	360.00	100	Vertical	Pass
2**	4388.400	42.01	-3.40	54.0	11.99	AV	360.00	100	Vertical	Pass
3	5318.000	100.71	-2.47	--	--	Peak	148.00	200	Vertical	N/A
3**	5318.000	93.86	-2.47	--	--	AV	148.00	200	Vertical	N/A
4	7684.825	49.69	-2.39	74.0	24.31	Peak	213.00	300	Vertical	Pass
4**	7684.825	41.00	-2.39	54.0	13.00	AV	213.00	300	Vertical	Pass
5	12276.487	52.89	1.67	74.0	21.11	Peak	330.00	100	Vertical	Pass
5**	12276.487	43.92	1.67	54.0	10.08	AV	330.00	100	Vertical	Pass
6	15858.263	55.62	1.02	74.0	18.38	Peak	198.00	300	Vertical	Pass
6**	15858.263	47.10	1.02	54.0	6.90	AV	198.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.700	40.27	-16.95	74.0	33.73	Peak	152.00	400	Horizontal	Pass
1**	1503.700	29.46	-16.95	54.0	24.54	AV	152.00	400	Horizontal	Pass
2	4388.800	50.29	-3.38	74.0	23.71	Peak	266.00	100	Horizontal	Pass
2**	4388.800	41.92	-3.38	54.0	12.08	AV	266.00	100	Horizontal	Pass
3	5257.800	106.28	-1.77	--	--	Peak	216.00	200	Horizontal	N/A
3**	5257.800	98.64	-1.77	--	--	AV	216.00	200	Horizontal	N/A
4	7377.487	49.90	-3.54	74.0	24.10	Peak	326.00	300	Horizontal	Pass
4**	7377.487	39.88	-3.54	54.0	14.12	AV	326.00	300	Horizontal	Pass
5	11786.588	53.16	1.06	74.0	20.84	Peak	257.00	150	Horizontal	Pass
5**	11786.588	43.05	1.06	54.0	10.95	AV	257.00	150	Horizontal	Pass
6	15501.263	55.38	1.19	74.0	18.62	Peak	38.00	300	Horizontal	Pass
6**	15501.263	46.38	1.19	54.0	7.62	AV	38.00	300	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	1480.400	39.95	-17.16	74.0	34.05	Peak	64.00	100	Vertical	Pass
1**	1480.400	30.09	-17.16	54.0	23.91	AV	64.00	100	Vertical	Pass
2	4223.000	50.01	-4.24	74.0	23.99	Peak	79.00	200	Vertical	Pass
2**	4223.000	41.20	-4.24	54.0	12.80	AV	79.00	200	Vertical	Pass
3	5257.600	100.37	-1.77	--	--	Peak	138.00	200	Vertical	N/A
3**	5257.600	92.62	-1.77	--	--	AV	138.00	200	Vertical	N/A
4	7353.337	49.68	-3.81	74.0	24.32	Peak	211.00	300	Vertical	Pass
4**	7353.337	40.55	-3.81	54.0	13.45	AV	211.00	300	Vertical	Pass
5	11756.401	52.93	1.10	74.0	21.07	Peak	161.00	200	Vertical	Pass
5**	11756.401	42.70	1.10	54.0	11.30	AV	161.00	200	Vertical	Pass
6	15657.713	56.08	1.23	74.0	17.92	Peak	56.00	300	Vertical	Pass
6**	15657.713	45.90	1.23	54.0	8.10	AV	56.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.900	39.30	-16.95	74.0	34.70	Peak	307.00	300	Horizontal	Pass
1**	1586.900	30.66	-16.95	54.0	23.34	AV	307.00	300	Horizontal	Pass
2	4391.000	50.15	-3.38	74.0	23.85	Peak	228.00	100	Horizontal	Pass
2**	4391.000	41.39	-3.38	54.0	12.61	AV	228.00	100	Horizontal	Pass
3	5301.600	106.28	-2.77	--	--	Peak	228.00	200	Horizontal	N/A
3**	5301.600	98.91	-2.77	--	--	AV	228.00	200	Horizontal	N/A
4	7338.100	49.61	-2.89	74.0	24.39	Peak	0.00	300	Horizontal	Pass
4**	7338.100	41.41	-2.89	54.0	12.59	AV	0.00	300	Horizontal	Pass
5	12250.037	52.89	0.95	74.0	21.11	Peak	0.00	150	Horizontal	Pass
5**	12250.037	43.18	0.95	54.0	10.82	AV	0.00	150	Horizontal	Pass
6	15547.987	55.79	0.73	74.0	18.21	Peak	78.00	300	Horizontal	Pass
6**	15547.987	45.03	0.73	54.0	8.97	AV	78.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.400	39.03	-17.09	74.0	34.97	Peak	332.00	100	Vertical	Pass
1**	1573.400	29.76	-17.09	54.0	24.24	AV	332.00	100	Vertical	Pass
2	4383.400	49.96	-3.64	74.0	24.04	Peak	280.00	400	Vertical	Pass
2**	4383.400	41.62	-3.64	54.0	12.38	AV	280.00	400	Vertical	Pass
3	5300.000	99.90	-2.96	--	--	Peak	179.00	100	Vertical	N/A
3**	5300.000	92.12	-2.96	--	--	AV	179.00	100	Vertical	N/A
4	7730.250	49.65	-2.49	74.0	24.35	Peak	40.00	400	Vertical	Pass
4**	7730.250	40.01	-2.49	54.0	13.99	AV	40.00	400	Vertical	Pass
5	11942.125	52.53	1.62	74.0	21.47	Peak	360.00	100	Vertical	Pass
5**	11942.125	43.47	1.62	54.0	10.53	AV	360.00	100	Vertical	Pass
6	16065.112	55.70	1.15	74.0	18.30	Peak	223.00	300	Vertical	Pass
6**	16065.112	45.07	1.15	54.0	8.93	AV	223.00	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	1488.000	38.86	-16.82	74.0	35.14	Peak	357.00	100	Horizontal	Pass
1**	1488.000	29.71	-16.82	54.0	24.29	AV	357.00	100	Horizontal	Pass
2	4379.600	49.92	-3.30	74.0	24.08	Peak	360.00	100	Horizontal	Pass
2**	4379.600	42.26	-3.30	54.0	11.74	AV	360.00	100	Horizontal	Pass
3	5321.800	106.83	-2.16	--	--	Peak	228.00	150	Horizontal	N/A
3**	5321.800	99.85	-2.16	--	--	AV	228.00	150	Horizontal	N/A
4	7445.913	49.54	-3.12	74.0	24.46	Peak	0.00	300	Horizontal	Pass
4**	7445.913	40.67	-3.12	54.0	13.33	AV	0.00	300	Horizontal	Pass
5	12537.250	53.10	1.27	74.0	20.90	Peak	360.00	150	Horizontal	Pass
5**	12537.250	42.87	1.27	54.0	11.13	AV	360.00	150	Horizontal	Pass
6	15678.451	55.94	1.57	74.0	18.06	Peak	180.00	400	Horizontal	Pass
6**	15678.451	46.84	1.57	54.0	7.16	AV	180.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.500	40.45	-16.80	74.0	33.55	Peak	314.00	200	Vertical	Pass
1**	1484.500	30.31	-16.80	54.0	23.69	AV	314.00	200	Vertical	Pass
2	4382.200	50.11	-3.64	74.0	23.89	Peak	178.00	100	Vertical	Pass
2**	4382.200	42.03	-3.64	54.0	11.97	AV	178.00	100	Vertical	Pass
3	5317.800	99.79	-2.50	--	--	Peak	143.00	150	Vertical	N/A
3**	5317.800	91.97	-2.50	--	--	AV	143.00	150	Vertical	N/A
4	7619.850	49.62	-2.61	74.0	24.38	Peak	137.00	100	Vertical	Pass
4**	7619.850	39.89	-2.61	54.0	14.11	AV	137.00	100	Vertical	Pass
5	12610.850	52.93	1.89	74.0	21.07	Peak	35.00	200	Vertical	Pass
5**	12610.850	43.38	1.89	54.0	10.62	AV	35.00	200	Vertical	Pass
6	15807.863	56.09	2.21	74.0	17.91	Peak	357.00	200	Vertical	Pass
6**	15807.863	46.50	2.21	54.0	7.50	AV	357.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.900	39.62	-16.89	74.0	34.38	Peak	360.00	400	Horizontal	Pass
1**	1500.900	30.26	-16.89	54.0	23.74	AV	360.00	400	Horizontal	Pass
2	4393.800	50.08	-3.76	74.0	23.92	Peak	266.00	400	Horizontal	Pass
2**	4393.800	41.31	-3.76	54.0	12.69	AV	266.00	400	Horizontal	Pass
3	5271.400	103.94	-2.58	--	--	Peak	232.00	200	Horizontal	N/A
3**	5271.400	96.28	-2.58	--	--	AV	232.00	200	Horizontal	N/A
4	7389.850	49.58	-3.94	74.0	24.42	Peak	222.00	300	Horizontal	Pass
4**	7389.850	40.16	-3.94	54.0	13.84	AV	222.00	300	Horizontal	Pass
5	11946.438	52.96	1.50	74.0	21.04	Peak	171.00	100	Horizontal	Pass
5**	11946.438	44.58	1.50	54.0	9.42	AV	171.00	100	Horizontal	Pass
6	15814.425	56.30	2.07	74.0	17.70	Peak	312.00	200	Horizontal	Pass
6**	15814.425	46.81	2.07	54.0	7.19	AV	312.00	200	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	1446.200	39.15	-17.21	74.0	34.85	Peak	334.00	100	Vertical	Pass
1**	1446.200	29.26	-17.21	54.0	24.74	AV	334.00	100	Vertical	Pass
2	4378.600	50.43	-3.40	74.0	23.57	Peak	238.00	100	Vertical	Pass
2**	4378.600	41.51	-3.40	54.0	12.49	AV	238.00	100	Vertical	Pass
3	5273.200	97.92	-2.64	--	--	Peak	189.00	200	Vertical	N/A
3**	5273.200	90.31	-2.64	--	--	AV	189.00	200	Vertical	N/A
4	7311.650	49.50	-3.63	74.0	24.50	Peak	52.00	200	Vertical	Pass
4**	7311.650	39.78	-3.63	54.0	14.22	AV	52.00	200	Vertical	Pass
5	12622.063	53.55	1.71	74.0	20.45	Peak	344.00	150	Vertical	Pass
5**	12622.063	43.17	1.71	54.0	10.83	AV	344.00	150	Vertical	Pass
6	15626.213	55.74	1.72	74.0	18.26	Peak	340.00	400	Vertical	Pass
6**	15626.213	45.83	1.72	54.0	8.17	AV	340.00	400	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	1502.000	38.91	-17.00	74.0	35.09	Peak	100.00	400	Horizontal	Pass
1**	1502.000	30.60	-17.00	54.0	23.40	AV	100.00	400	Horizontal	Pass
2	4399.800	49.98	-4.30	74.0	24.02	Peak	200.00	400	Horizontal	Pass
2**	4399.800	40.75	-4.30	54.0	13.25	AV	200.00	400	Horizontal	Pass
3	5308.200	104.26	-2.30	--	--	Peak	224.00	200	Horizontal	N/A
3**	5308.200	97.14	-2.30	--	--	AV	224.00	200	Horizontal	N/A
4	7360.237	50.01	-3.79	74.0	23.99	Peak	344.00	300	Horizontal	Pass
4**	7360.237	40.69	-3.79	54.0	13.31	AV	344.00	300	Horizontal	Pass
5	12564.563	52.96	1.70	74.0	21.04	Peak	156.00	200	Horizontal	Pass
5**	12564.563	44.48	1.70	54.0	9.52	AV	156.00	200	Horizontal	Pass
6	16084.275	56.39	1.54	74.0	17.61	Peak	186.00	100	Horizontal	Pass
6**	16084.275	46.32	1.54	54.0	7.68	AV	186.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.900	38.95	-16.99	74.0	35.05	Peak	233.00	300	Vertical	Pass
1**	1501.900	29.81	-16.99	54.0	24.19	AV	233.00	300	Vertical	Pass
2	4395.400	49.85	-3.93	74.0	24.15	Peak	360.00	400	Vertical	Pass
2**	4395.400	40.91	-3.93	54.0	13.09	AV	360.00	400	Vertical	Pass
3	5308.400	97.86	-2.28	--	--	Peak	142.00	200	Vertical	N/A
3**	5308.400	90.17	-2.28	--	--	AV	142.00	200	Vertical	N/A
4	7336.663	49.14	-3.07	74.0	24.86	Peak	344.00	400	Vertical	Pass
4**	7336.663	41.66	-3.07	54.0	12.34	AV	344.00	400	Vertical	Pass
5	12281.662	53.01	1.79	74.0	20.99	Peak	209.00	100	Vertical	Pass
5**	12281.662	44.27	1.79	54.0	9.73	AV	209.00	100	Vertical	Pass
6	16063.013	55.74	1.07	74.0	18.26	Peak	157.00	300	Vertical	Pass
6**	16063.013	45.49	1.07	54.0	8.51	AV	157.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1558.200	39.02	-16.99	74.0	34.98	Peak	280.00	300	Horizontal	Pass
1**	1558.200	29.26	-16.99	54.0	24.74	AV	280.00	300	Horizontal	Pass
2	4385.400	50.00	-3.40	74.0	24.00	Peak	148.00	100	Horizontal	Pass
2**	4385.400	41.36	-3.40	54.0	12.64	AV	148.00	100	Horizontal	Pass
3	5258.200	107.56	-1.77	--	--	Peak	212.00	200	Horizontal	N/A
3**	5258.200	99.37	-1.77	--	--	AV	212.00	200	Horizontal	N/A
4	7394.163	49.28	-3.85	74.0	24.72	Peak	303.00	300	Horizontal	Pass
4**	7394.163	40.26	-3.85	54.0	13.74	AV	303.00	300	Horizontal	Pass
5	12609.412	52.99	1.89	74.0	21.01	Peak	7.00	100	Horizontal	Pass
5**	12609.412	44.07	1.89	54.0	9.93	AV	7.00	100	Horizontal	Pass
6	16092.412	55.91	1.38	74.0	18.09	Peak	68.00	200	Horizontal	Pass
6**	16092.412	46.54	1.38	54.0	7.46	AV	68.00	200	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	1582.300	39.16	-17.11	74.0	34.84	Peak	305.00	400	Vertical	Pass
1**	1582.300	29.13	-17.11	54.0	24.87	AV	305.00	400	Vertical	Pass
2	4283.200	49.83	-4.50	74.0	24.17	Peak	110.00	100	Vertical	Pass
2**	4283.200	41.46	-4.50	54.0	12.54	AV	110.00	100	Vertical	Pass
3	5258.400	100.66	-1.77	--	--	Peak	161.00	150	Vertical	N/A
3**	5258.400	93.01	-1.77	--	--	AV	161.00	150	Vertical	N/A
4	7336.088	50.09	-3.18	74.0	23.91	Peak	23.00	300	Vertical	Pass
4**	7336.088	40.52	-3.18	54.0	13.48	AV	23.00	300	Vertical	Pass
5	12606.537	52.82	1.91	74.0	21.18	Peak	0.00	150	Vertical	Pass
5**	12606.537	43.41	1.91	54.0	10.59	AV	0.00	150	Vertical	Pass
6	15816.526	55.88	2.00	74.0	18.12	Peak	150.00	400	Vertical	Pass
6**	15816.526	46.61	2.00	54.0	7.39	AV	150.00	400	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	1490.500	39.44	-16.77	74.0	34.56	Peak	123.00	200	Horizontal	Pass
1**	1490.500	29.39	-16.77	54.0	24.61	AV	123.00	200	Horizontal	Pass
2	4388.200	50.34	-3.41	74.0	23.66	Peak	311.00	200	Horizontal	Pass
2**	4388.200	41.20	-3.41	54.0	12.80	AV	311.00	200	Horizontal	Pass
3	5301.400	105.99	-2.79	--	--	Peak	225.00	200	Horizontal	N/A
3**	5301.400	98.47	-2.79	--	--	AV	225.00	200	Horizontal	N/A
4	7450.225	50.02	-3.20	74.0	23.98	Peak	37.00	400	Horizontal	Pass
4**	7450.225	39.87	-3.20	54.0	14.13	AV	37.00	400	Horizontal	Pass
5	12634.138	52.89	1.30	74.0	21.11	Peak	346.00	200	Horizontal	Pass
5**	12634.138	45.18	1.30	54.0	8.82	AV	346.00	200	Horizontal	Pass
6	15682.912	55.87	1.50	74.0	18.13	Peak	17.00	200	Horizontal	Pass
6**	15682.912	45.79	1.50	54.0	8.21	AV	17.00	200	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	1515.400	39.46	-17.19	74.0	34.54	Peak	360.00	300	Vertical	Pass
1**	1515.400	29.25	-17.19	54.0	24.75	AV	360.00	300	Vertical	Pass
2	4380.200	50.35	-3.35	74.0	23.65	Peak	169.00	300	Vertical	Pass
2**	4380.200	41.23	-3.35	54.0	12.77	AV	169.00	300	Vertical	Pass
3	5302.200	98.91	-2.72	--	--	Peak	191.00	100	Vertical	N/A
3**	5302.200	91.16	-2.72	--	--	AV	191.00	100	Vertical	N/A
4	7625.025	49.42	-2.90	74.0	24.58	Peak	289.00	400	Vertical	Pass
4**	7625.025	39.89	-2.90	54.0	14.11	AV	289.00	400	Vertical	Pass
5	12350.088	53.47	1.22	74.0	20.53	Peak	360.00	200	Vertical	Pass
5**	12350.088	43.52	1.22	54.0	10.48	AV	360.00	200	Vertical	Pass
6	15817.838	55.85	1.96	74.0	18.15	Peak	278.00	100	Vertical	Pass
6**	15817.838	46.16	1.96	54.0	7.84	AV	278.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.000	38.78	-17.07	74.0	35.22	Peak	51.00	300	Horizontal	Pass
1**	1482.000	29.19	-17.07	54.0	24.81	AV	51.00	300	Horizontal	Pass
2	3848.000	50.72	-4.54	74.0	23.28	Peak	351.00	400	Horizontal	Pass
2**	3848.000	39.25	-4.54	54.0	14.75	AV	351.00	400	Horizontal	Pass
3	5321.400	106.22	-2.26	--	--	Peak	226.00	200	Horizontal	N/A
3**	5321.400	99.02	-2.26	--	--	AV	226.00	200	Horizontal	N/A
4	7665.850	50.12	-2.89	74.0	23.88	Peak	73.00	400	Horizontal	Pass
4**	7665.850	39.05	-2.89	54.0	14.95	AV	73.00	400	Horizontal	Pass
5	12389.188	53.22	1.56	74.0	20.78	Peak	347.00	200	Horizontal	Pass
5**	12389.188	43.81	1.56	54.0	10.19	AV	347.00	200	Horizontal	Pass
6	15798.412	55.38	2.28	74.0	18.62	Peak	291.00	400	Horizontal	Pass
6**	15798.412	47.46	2.28	54.0	6.54	AV	291.00	400	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	1478.400	38.99	-17.19	74.0	35.01	Peak	216.00	100	Vertical	Pass
1**	1478.400	29.43	-17.19	54.0	24.57	AV	216.00	100	Vertical	Pass
2	4385.000	50.08	-3.47	74.0	23.92	Peak	133.00	200	Vertical	Pass
2**	4385.000	41.93	-3.47	54.0	12.07	AV	133.00	200	Vertical	Pass
3	5321.000	99.63	-2.34	--	--	Peak	133.00	200	Vertical	N/A
3**	5321.000	92.57	-2.34	--	--	AV	133.00	200	Vertical	N/A
4	7725.650	49.43	-2.46	74.0	24.57	Peak	165.00	100	Vertical	Pass
4**	7725.650	40.55	-2.46	54.0	13.45	AV	165.00	100	Vertical	Pass
5	11947.300	53.54	1.47	74.0	20.46	Peak	96.00	150	Vertical	Pass
5**	11947.300	43.84	1.47	54.0	10.16	AV	96.00	150	Vertical	Pass
6	15803.400	56.18	2.29	74.0	17.82	Peak	181.00	200	Vertical	Pass
6**	15803.400	47.03	2.29	54.0	6.97	AV	181.00	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	1507.700	39.05	-16.96	74.0	34.95	Peak	307.00	100	Horizontal	Pass
1**	1507.700	29.47	-16.96	54.0	24.53	AV	307.00	100	Horizontal	Pass
2	4380.000	49.94	-3.32	74.0	24.06	Peak	336.00	400	Horizontal	Pass
2**	4380.000	41.72	-3.32	54.0	12.28	AV	336.00	400	Horizontal	Pass
3	5272.200	102.90	-2.68	--	--	Peak	225.00	100	Horizontal	N/A
3**	5272.200	95.96	-2.68	--	--	AV	225.00	100	Horizontal	N/A
4	7677.925	49.33	-2.53	74.0	24.67	Peak	299.00	400	Horizontal	Pass
4**	7677.925	40.25	-2.53	54.0	13.75	AV	299.00	400	Horizontal	Pass
5	12441.224	53.42	1.79	74.0	20.58	Peak	275.00	150	Horizontal	Pass
5**	12441.224	43.54	1.79	54.0	10.46	AV	275.00	150	Horizontal	Pass
6	16122.338	56.49	0.70	74.0	17.51	Peak	134.00	100	Horizontal	Pass
6**	16122.338	46.72	0.70	54.0	7.28	AV	134.00	100	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	1505.100	39.33	-16.84	74.0	34.67	Peak	77.00	300	Vertical	Pass
1**	1505.100	29.79	-16.84	54.0	24.21	AV	77.00	300	Vertical	Pass
2	4297.200	50.26	-3.99	74.0	23.74	Peak	360.00	300	Vertical	Pass
2**	4297.200	40.54	-3.99	54.0	13.46	AV	360.00	300	Vertical	Pass
3	5274.000	96.88	-2.61	--	--	Peak	197.00	200	Vertical	N/A
3**	5274.000	89.16	-2.61	--	--	AV	197.00	200	Vertical	N/A
4	7383.237	49.92	-3.47	74.0	24.08	Peak	124.00	300	Vertical	Pass
4**	7383.237	40.96	-3.47	54.0	13.04	AV	124.00	300	Vertical	Pass
5	12272.463	53.28	1.53	74.0	20.72	Peak	181.00	200	Vertical	Pass
5**	12272.463	43.74	1.53	54.0	10.26	AV	181.00	200	Vertical	Pass
6	15580.013	56.08	1.41	74.0	17.92	Peak	121.00	100	Vertical	Pass
6**	15580.013	45.59	1.41	54.0	8.41	AV	121.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.700	39.14	-16.85	74.0	34.86	Peak	260.00	100	Horizontal	Pass
1**	1504.700	30.04	-16.85	54.0	23.96	AV	260.00	100	Horizontal	Pass
2	3981.000	50.22	-5.21	74.0	23.78	Peak	0.00	100	Horizontal	Pass
2**	3981.000	39.14	-5.21	54.0	14.86	AV	0.00	100	Horizontal	Pass
3	5311.400	103.96	-2.35	--	--	Peak	225.00	200	Horizontal	N/A
3**	5311.400	96.53	-2.35	--	--	AV	225.00	200	Horizontal	N/A
4	7341.837	49.60	-3.15	74.0	24.40	Peak	163.00	400	Horizontal	Pass
4**	7341.837	40.81	-3.15	54.0	13.19	AV	163.00	400	Horizontal	Pass
5	11935.513	53.24	1.69	74.0	20.76	Peak	0.00	100	Horizontal	Pass
5**	11935.513	43.55	1.69	54.0	10.45	AV	0.00	100	Horizontal	Pass
6	15516.225	55.62	1.39	74.0	18.38	Peak	18.00	100	Horizontal	Pass
6**	15516.225	45.18	1.39	54.0	8.82	AV	18.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1477.700	38.98	-17.20	74.0	35.02	Peak	177.00	100	Vertical	Pass
1**	1477.700	30.10	-17.20	54.0	23.90	AV	177.00	100	Vertical	Pass
2	4368.000	49.81	-3.85	74.0	24.19	Peak	95.00	200	Vertical	Pass
2**	4368.000	41.90	-3.85	54.0	12.10	AV	95.00	200	Vertical	Pass
3	5312.200	96.98	-2.34	--	--	Peak	139.00	200	Vertical	N/A
3**	5312.200	89.61	-2.34	--	--	AV	139.00	200	Vertical	N/A
4	7334.075	49.96	-3.17	74.0	24.04	Peak	243.00	200	Vertical	Pass
4**	7334.075	40.75	-3.17	54.0	13.25	AV	243.00	200	Vertical	Pass
5	12363.888	53.11	1.20	74.0	20.89	Peak	243.00	150	Vertical	Pass
5**	12363.888	43.04	1.20	54.0	10.96	AV	243.00	150	Vertical	Pass
6	15805.500	55.95	2.26	74.0	18.05	Peak	329.00	200	Vertical	Pass
6**	15805.500	46.51	2.26	54.0	7.49	AV	329.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1562.800	39.03	-16.93	74.0	34.97	Peak	41.00	400	Horizontal	Pass
1**	1562.800	30.05	-16.93	54.0	23.95	AV	41.00	400	Horizontal	Pass
2	4223.600	49.73	-4.25	74.0	24.27	Peak	45.00	400	Horizontal	Pass
2**	4223.600	40.46	-4.25	54.0	13.54	AV	45.00	400	Horizontal	Pass
3	5282.800	99.99	-2.58	--	--	Peak	207.00	200	Horizontal	N/A
3**	5282.800	92.51	-2.58	--	--	AV	207.00	200	Horizontal	N/A
4	7430.100	49.47	-3.44	74.0	24.53	Peak	273.00	400	Horizontal	Pass
4**	7430.100	39.23	-3.44	54.0	14.77	AV	273.00	400	Horizontal	Pass
5	11938.675	53.53	1.69	74.0	20.47	Peak	165.00	100	Horizontal	Pass
5**	11938.675	43.49	1.69	54.0	10.51	AV	165.00	100	Horizontal	Pass
6	16084.799	55.91	1.53	74.0	18.09	Peak	37.00	400	Horizontal	Pass
6**	16084.799	46.94	1.53	54.0	7.06	AV	37.00	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	1506.200	38.88	-16.83	74.0	35.12	Peak	1.00	100	Vertical	Pass
1**	1506.200	29.83	-16.83	54.0	24.17	AV	1.00	100	Vertical	Pass
2	3993.000	50.22	-4.38	74.0	23.78	Peak	0.00	400	Vertical	Pass
2**	3993.000	39.68	-4.38	54.0	14.32	AV	0.00	400	Vertical	Pass
3	5283.200	95.70	-2.61	--	--	Peak	181.00	200	Vertical	N/A
3**	5283.200	87.91	-2.61	--	--	AV	181.00	200	Vertical	N/A
4	7455.975	49.80	-3.65	74.0	24.20	Peak	291.00	200	Vertical	Pass
4**	7455.975	39.58	-3.65	54.0	14.42	AV	291.00	200	Vertical	Pass
5	12319.612	53.50	1.42	74.0	20.50	Peak	0.00	150	Vertical	Pass
5**	12319.612	43.68	1.42	54.0	10.32	AV	0.00	150	Vertical	Pass
6	15641.962	56.00	1.31	74.0	18.00	Peak	354.00	400	Vertical	Pass
6**	15641.962	46.83	1.31	54.0	7.17	AV	354.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.100	39.38	-16.99	74.0	34.62	Peak	360.00	300	Horizontal	Pass
1**	1623.100	29.74	-16.99	54.0	24.26	AV	360.00	300	Horizontal	Pass
2	4387.000	49.90	-3.33	74.0	24.10	Peak	227.00	300	Horizontal	Pass
2**	4387.000	41.08	-3.33	54.0	12.92	AV	227.00	300	Horizontal	Pass
3	5501.200	109.23	-1.47	--	--	Peak	203.00	100	Horizontal	N/A
3**	5501.200	101.71	-1.47	--	--	AV	203.00	100	Horizontal	N/A
4	7447.350	49.87	-3.21	74.0	24.13	Peak	325.00	400	Horizontal	Pass
4**	7447.350	40.09	-3.21	54.0	13.91	AV	325.00	400	Horizontal	Pass
5	12283.099	53.26	1.79	74.0	20.74	Peak	344.00	200	Horizontal	Pass
5**	12283.099	43.93	1.79	54.0	10.07	AV	344.00	200	Horizontal	Pass
6	15508.350	55.50	1.39	74.0	18.50	Peak	40.00	400	Horizontal	Pass
6**	15508.350	46.49	1.39	54.0	7.51	AV	40.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.500	38.75	-16.67	74.0	35.25	Peak	323.00	100	Vertical	Pass
1**	1485.500	29.72	-16.67	54.0	24.28	AV	323.00	100	Vertical	Pass
2	4388.200	50.48	-3.41	74.0	23.52	Peak	311.00	100	Vertical	Pass
2**	4388.200	40.90	-3.41	54.0	13.10	AV	311.00	100	Vertical	Pass
3	5501.200	102.71	-1.47	--	--	Peak	135.00	150	Vertical	N/A
3**	5501.200	95.49	-1.47	--	--	AV	135.00	150	Vertical	N/A
4	7340.112	49.68	-2.98	74.0	24.32	Peak	39.00	300	Vertical	Pass
4**	7340.112	41.13	-2.98	54.0	12.87	AV	39.00	300	Vertical	Pass
5	12427.425	53.11	1.49	74.0	20.89	Peak	56.00	200	Vertical	Pass
5**	12427.425	43.72	1.49	54.0	10.28	AV	56.00	200	Vertical	Pass
6	15642.750	55.67	1.29	74.0	18.33	Peak	67.00	200	Vertical	Pass
6**	15642.750	46.12	1.29	54.0	7.88	AV	67.00	200	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	1459.800	39.82	-17.06	74.0	34.18	Peak	209.00	400	Horizontal	Pass
1**	1459.800	29.70	-17.06	54.0	24.30	AV	209.00	400	Horizontal	Pass
2	4389.400	49.93	-3.35	74.0	24.07	Peak	227.00	400	Horizontal	Pass
2**	4389.400	41.58	-3.35	54.0	12.42	AV	227.00	400	Horizontal	Pass
3	5578.800	109.05	-1.61	--	--	Peak	241.00	200	Horizontal	N/A
3**	5578.800	101.74	-1.61	--	--	AV	241.00	200	Horizontal	N/A
4	7332.925	49.79	-3.17	74.0	24.21	Peak	15.00	200	Horizontal	Pass
4**	7332.925	40.75	-3.17	54.0	13.25	AV	15.00	200	Horizontal	Pass
5	12328.237	53.38	1.42	74.0	20.62	Peak	69.00	150	Horizontal	Pass
5**	12328.237	44.19	1.42	54.0	9.81	AV	69.00	150	Horizontal	Pass
6	15562.951	55.50	1.24	74.0	18.50	Peak	98.00	200	Horizontal	Pass
6**	15562.951	45.27	1.24	54.0	8.73	AV	98.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.000	39.56	-16.92	74.0	34.44	Peak	5.00	300	Vertical	Pass
1**	1504.000	29.61	-16.92	54.0	24.39	AV	5.00	300	Vertical	Pass
2	4279.200	50.28	-4.53	74.0	23.72	Peak	159.00	100	Vertical	Pass
2**	4279.200	40.66	-4.53	54.0	13.34	AV	159.00	100	Vertical	Pass
3	5579.000	103.19	-1.62	--	--	Peak	136.00	200	Vertical	N/A
3**	5579.000	96.41	-1.62	--	--	AV	136.00	200	Vertical	N/A
4	7359.375	49.73	-3.77	74.0	24.27	Peak	128.00	300	Vertical	Pass
4**	7359.375	39.63	-3.77	54.0	14.37	AV	128.00	300	Vertical	Pass
5	11946.438	53.32	1.50	74.0	20.68	Peak	145.00	200	Vertical	Pass
5**	11946.438	43.95	1.50	54.0	10.05	AV	145.00	200	Vertical	Pass
6	15674.776	55.99	1.53	74.0	18.01	Peak	40.00	100	Vertical	Pass
6**	15674.776	45.82	1.53	54.0	8.18	AV	40.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.800	38.99	-17.29	74.0	35.01	Peak	113.00	100	Horizontal	Pass
1**	1461.800	29.03	-17.29	54.0	24.97	AV	113.00	100	Horizontal	Pass
2	4384.200	50.42	-3.61	74.0	23.58	Peak	219.00	300	Horizontal	Pass
2**	4384.200	41.18	-3.61	54.0	12.82	AV	219.00	300	Horizontal	Pass
3	5700.800	108.06	-1.38	--	--	Peak	202.00	100	Horizontal	N/A
3**	5700.800	100.10	-1.38	--	--	AV	202.00	100	Horizontal	N/A
4	7340.975	49.83	-3.07	74.0	24.17	Peak	232.00	400	Horizontal	Pass
4**	7340.975	40.98	-3.07	54.0	13.02	AV	232.00	400	Horizontal	Pass
5	12228.763	53.37	1.30	74.0	20.63	Peak	166.00	150	Horizontal	Pass
5**	12228.763	44.04	1.30	54.0	9.96	AV	166.00	150	Horizontal	Pass
6	15799.463	55.75	2.32	74.0	18.25	Peak	125.00	200	Horizontal	Pass
6**	15799.463	46.52	2.32	54.0	7.48	AV	125.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1558.500	39.02	-16.98	74.0	34.98	Peak	263.00	100	Vertical	Pass
1**	1558.500	29.32	-16.98	54.0	24.68	AV	263.00	100	Vertical	Pass
2	4378.400	50.02	-3.42	74.0	23.98	Peak	275.00	100	Vertical	Pass
2**	4378.400	41.70	-3.42	54.0	12.30	AV	275.00	100	Vertical	Pass
3	5699.400	101.40	-0.95	--	--	Peak	126.00	200	Vertical	N/A
3**	5699.400	95.40	-0.95	--	--	AV	126.00	200	Vertical	N/A
4	7341.263	50.96	-3.09	74.0	23.04	Peak	26.00	400	Vertical	Pass
4**	7341.263	41.19	-3.09	54.0	12.81	AV	26.00	400	Vertical	Pass
5	12313.862	53.71	1.40	74.0	20.29	Peak	99.00	100	Vertical	Pass
5**	12313.862	43.59	1.40	54.0	10.41	AV	99.00	100	Vertical	Pass
6	16129.162	55.81	0.98	74.0	18.19	Peak	144.00	200	Vertical	Pass
6**	16129.162	45.85	0.98	54.0	8.15	AV	144.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.400	39.76	-17.10	74.0	34.24	Peak	125.00	400	Horizontal	Pass
1**	1611.400	30.08	-17.10	54.0	23.92	AV	125.00	400	Horizontal	Pass
2	4380.400	51.46	-3.39	74.0	22.54	Peak	12.00	400	Horizontal	Pass
2**	4380.400	41.88	-3.39	54.0	12.12	AV	12.00	400	Horizontal	Pass
3	5502.600	107.80	-1.37	--	--	Peak	206.00	100	Horizontal	N/A
3**	5502.600	100.06	-1.37	--	--	AV	206.00	100	Horizontal	N/A
4	7339.250	49.53	-2.93	74.0	24.47	Peak	318.00	300	Horizontal	Pass
4**	7339.250	41.26	-2.93	54.0	12.74	AV	318.00	300	Horizontal	Pass
5	12405.576	52.91	1.48	74.0	21.09	Peak	17.00	200	Horizontal	Pass
5**	12405.576	43.94	1.48	54.0	10.06	AV	17.00	200	Horizontal	Pass
6	15853.275	56.28	1.24	74.0	17.72	Peak	43.00	400	Horizontal	Pass
6**	15853.275	46.18	1.24	54.0	7.82	AV	43.00	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	1474.500	39.08	-17.41	74.0	34.92	Peak	293.00	300	Vertical	Pass
1**	1474.500	30.38	-17.41	54.0	23.62	AV	293.00	300	Vertical	Pass
2	4279.000	50.35	-4.53	74.0	23.65	Peak	99.00	200	Vertical	Pass
2**	4279.000	40.73	-4.53	54.0	13.27	AV	99.00	200	Vertical	Pass
3	5498.200	101.02	-1.62	--	--	Peak	142.00	200	Vertical	N/A
3**	5498.200	94.17	-1.62	--	--	AV	142.00	200	Vertical	N/A
4	7603.175	49.41	-2.72	74.0	24.59	Peak	306.00	400	Vertical	Pass
4**	7603.175	40.30	-2.72	54.0	13.70	AV	306.00	400	Vertical	Pass
5	12232.500	53.32	1.23	74.0	20.68	Peak	306.00	100	Vertical	Pass
5**	12232.500	43.69	1.23	54.0	10.31	AV	306.00	100	Vertical	Pass
6	15827.550	55.98	1.57	74.0	18.02	Peak	169.00	200	Vertical	Pass
6**	15827.550	47.14	1.57	54.0	6.86	AV	169.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1447.200	40.20	-17.18	74.0	33.80	Peak	49.00	200	Horizontal	Pass
1**	1447.200	29.48	-17.18	54.0	24.52	AV	49.00	200	Horizontal	Pass
2	3996.600	51.36	-4.54	74.0	22.64	Peak	7.00	400	Horizontal	Pass
2**	3996.600	42.28	-4.54	54.0	11.72	AV	7.00	400	Horizontal	Pass
3	5578.400	107.59	-1.60	--	--	Peak	209.00	100	Horizontal	N/A
3**	5578.400	100.34	-1.60	--	--	AV	209.00	100	Horizontal	N/A
4	7678.500	49.69	-2.49	74.0	24.31	Peak	247.00	200	Horizontal	Pass
4**	7678.500	40.78	-2.49	54.0	13.22	AV	247.00	200	Horizontal	Pass
5	12350.662	53.09	1.21	74.0	20.91	Peak	7.00	100	Horizontal	Pass
5**	12350.662	43.00	1.21	54.0	11.00	AV	7.00	100	Horizontal	Pass
6	15827.550	55.86	1.57	74.0	18.14	Peak	75.00	100	Horizontal	Pass
6**	15827.550	46.62	1.57	54.0	7.38	AV	75.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.100	39.07	-17.04	74.0	34.93	Peak	203.00	400	Vertical	Pass
1**	1611.100	29.72	-17.04	54.0	24.28	AV	203.00	400	Vertical	Pass
2	4390.200	50.39	-3.31	74.0	23.61	Peak	194.00	100	Vertical	Pass
2**	4390.200	41.39	-3.31	54.0	12.61	AV	194.00	100	Vertical	Pass
3	5578.600	102.19	-1.61	--	--	Peak	132.00	100	Vertical	N/A
3**	5578.600	94.92	-1.61	--	--	AV	132.00	100	Vertical	N/A
4	7364.837	49.66	-3.42	74.0	24.34	Peak	278.00	400	Vertical	Pass
4**	7364.837	40.82	-3.42	54.0	13.18	AV	278.00	400	Vertical	Pass
5	11962.250	53.59	0.89	74.0	20.41	Peak	45.00	100	Vertical	Pass
5**	11962.250	43.37	0.89	54.0	10.63	AV	45.00	100	Vertical	Pass
6	15845.925	56.51	1.36	74.0	17.49	Peak	310.00	100	Vertical	Pass
6**	15845.925	47.13	1.36	54.0	6.87	AV	310.00	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	1484.100	39.86	-16.85	74.0	34.14	Peak	335.00	300	Horizontal	Pass
1**	1484.100	30.32	-16.85	54.0	23.68	AV	335.00	300	Horizontal	Pass
2	4178.800	49.83	-4.87	74.0	24.17	Peak	270.00	300	Horizontal	Pass
2**	4178.800	39.89	-4.87	54.0	14.11	AV	270.00	300	Horizontal	Pass
3	5698.800	106.56	-1.01	--	--	Peak	214.00	200	Horizontal	N/A
3**	5698.800	99.92	-1.01	--	--	AV	214.00	200	Horizontal	N/A
4	7679.363	49.84	-2.43	74.0	24.16	Peak	52.00	400	Horizontal	Pass
4**	7679.363	40.85	-2.43	54.0	13.15	AV	52.00	400	Horizontal	Pass
5	12303.513	53.35	1.41	74.0	20.65	Peak	33.00	100	Horizontal	Pass
5**	12303.513	43.40	1.41	54.0	10.60	AV	33.00	100	Horizontal	Pass
6	15825.713	56.80	1.62	74.0	17.20	Peak	323.00	300	Horizontal	Pass
6**	15825.713	46.13	1.62	54.0	7.87	AV	323.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.500	38.91	-16.92	74.0	35.09	Peak	206.00	100	Vertical	Pass
1**	1622.500	29.58	-16.92	54.0	24.42	AV	206.00	100	Vertical	Pass
2	4212.600	50.08	-4.44	74.0	23.92	Peak	215.00	400	Vertical	Pass
2**	4212.600	40.78	-4.44	54.0	13.22	AV	215.00	400	Vertical	Pass
3	5700.000	100.38	-1.14	--	--	Peak	130.00	150	Vertical	N/A
3**	5700.000	91.94	-1.14	--	--	AV	130.00	150	Vertical	N/A
4	7338.100	49.71	-2.89	74.0	24.29	Peak	360.00	200	Vertical	Pass
4**	7338.100	41.15	-2.89	54.0	12.85	AV	360.00	200	Vertical	Pass
5	11960.526	52.99	0.91	74.0	21.01	Peak	210.00	200	Vertical	Pass
5**	11960.526	43.45	0.91	54.0	10.55	AV	210.00	200	Vertical	Pass
6	15842.513	56.11	1.41	74.0	17.89	Peak	0.00	300	Vertical	Pass
6**	15842.513	47.20	1.41	54.0	6.80	AV	0.00	300	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	1437.400	38.74	-17.29	74.0	35.26	Peak	266.00	300	Horizontal	Pass
1**	1437.400	29.65	-17.29	54.0	24.35	AV	266.00	300	Horizontal	Pass
2	4380.400	50.43	-3.39	74.0	23.57	Peak	229.00	400	Horizontal	Pass
2**	4380.400	42.03	-3.39	54.0	11.97	AV	229.00	400	Horizontal	Pass
3	5507.800	105.25	-0.95	--	--	Peak	207.00	200	Horizontal	N/A
3**	5507.800	97.70	-0.95	--	--	AV	207.00	200	Horizontal	N/A
4	7342.125	50.86	-3.19	74.0	23.14	Peak	211.00	400	Horizontal	Pass
4**	7342.125	40.65	-3.19	54.0	13.35	AV	211.00	400	Horizontal	Pass
5	11945.000	53.08	1.54	74.0	20.92	Peak	134.00	200	Horizontal	Pass
5**	11945.000	43.88	1.54	54.0	10.12	AV	134.00	200	Horizontal	Pass
6	15806.550	54.92	2.24	74.0	19.08	Peak	0.00	400	Horizontal	Pass
6**	15806.550	46.79	2.24	54.0	7.21	AV	0.00	400	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	1435.600	39.27	-17.31	74.0	34.73	Peak	236.00	400	Vertical	Pass
1**	1435.600	29.42	-17.31	54.0	24.58	AV	236.00	400	Vertical	Pass
2	4234.800	50.34	-4.07	74.0	23.66	Peak	339.00	300	Vertical	Pass
2**	4234.800	40.21	-4.07	54.0	13.79	AV	339.00	300	Vertical	Pass
3	5507.800	98.79	-0.95	--	--	Peak	137.00	200	Vertical	N/A
3**	5507.800	91.67	-0.95	--	--	AV	137.00	200	Vertical	N/A
4	7326.888	49.48	-3.40	74.0	24.52	Peak	152.00	400	Vertical	Pass
4**	7326.888	40.18	-3.40	54.0	13.82	AV	152.00	400	Vertical	Pass
5	12236.812	52.79	1.12	74.0	21.21	Peak	360.00	200	Vertical	Pass
5**	12236.812	43.51	1.12	54.0	10.49	AV	360.00	200	Vertical	Pass
6	15808.125	55.77	2.20	74.0	18.23	Peak	150.00	100	Vertical	Pass
6**	15808.125	47.08	2.20	54.0	6.92	AV	150.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1609.800	38.65	-17.27	74.0	35.35	Peak	299.00	300	Horizontal	Pass
1**	1609.800	29.17	-17.27	54.0	24.83	AV	299.00	300	Horizontal	Pass
2	4385.800	49.98	-3.33	74.0	24.02	Peak	200.00	400	Horizontal	Pass
2**	4385.800	41.70	-3.33	54.0	12.30	AV	200.00	400	Horizontal	Pass
3	5588.600	104.51	-1.85	--	--	Peak	211.00	150	Horizontal	N/A
3**	5588.600	97.37	-1.85	--	--	AV	211.00	150	Horizontal	N/A
4	7340.400	50.35	-3.01	74.0	23.65	Peak	0.00	300	Horizontal	Pass
4**	7340.400	41.02	-3.01	54.0	12.98	AV	0.00	300	Horizontal	Pass
5	12002.500	52.83	1.28	74.0	21.17	Peak	235.00	150	Horizontal	Pass
5**	12002.500	42.66	1.28	54.0	11.34	AV	235.00	150	Horizontal	Pass
6	16097.662	55.64	1.26	74.0	18.36	Peak	151.00	300	Horizontal	Pass
6**	16097.662	45.58	1.26	54.0	8.42	AV	151.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.500	39.27	-17.05	74.0	34.73	Peak	196.00	100	Vertical	Pass
1**	1502.500	29.13	-17.05	54.0	24.87	AV	196.00	100	Vertical	Pass
2	4296.600	50.21	-4.07	74.0	23.79	Peak	268.00	200	Vertical	Pass
2**	4296.600	40.43	-4.07	54.0	13.57	AV	268.00	200	Vertical	Pass
3	5588.400	99.79	-1.84	--	--	Peak	139.00	150	Vertical	N/A
3**	5588.400	92.34	-1.84	--	--	AV	139.00	150	Vertical	N/A
4	7629.050	49.90	-2.95	74.0	24.10	Peak	193.00	200	Vertical	Pass
4**	7629.050	40.21	-2.95	54.0	13.79	AV	193.00	200	Vertical	Pass
5	12057.987	53.10	0.97	74.0	20.90	Peak	348.00	150	Vertical	Pass
5**	12057.987	43.32	0.97	54.0	10.68	AV	348.00	150	Vertical	Pass
6	15526.725	55.48	1.29	74.0	18.52	Peak	213.00	300	Vertical	Pass
6**	15526.725	45.27	1.29	54.0	8.73	AV	213.00	300	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	1545.200	38.87	-17.22	74.0	35.13	Peak	147.00	200	Horizontal	Pass
1**	1545.200	29.39	-17.22	54.0	24.61	AV	147.00	200	Horizontal	Pass
2	4383.600	49.86	-3.64	74.0	24.14	Peak	175.00	200	Horizontal	Pass
2**	4383.600	41.34	-3.64	54.0	12.66	AV	175.00	200	Horizontal	Pass
3	5665.600	103.95	-2.33	--	--	Peak	207.00	150	Horizontal	N/A
3**	5665.600	95.98	-2.33	--	--	AV	207.00	150	Horizontal	N/A
4	7332.063	49.77	-3.27	74.0	24.23	Peak	360.00	100	Horizontal	Pass
4**	7332.063	40.23	-3.27	54.0	13.77	AV	360.00	100	Horizontal	Pass
5	12615.737	52.82	1.86	74.0	21.18	Peak	214.00	200	Horizontal	Pass
5**	12615.737	44.20	1.86	54.0	9.80	AV	214.00	200	Horizontal	Pass
6	16076.925	55.62	1.58	74.0	18.38	Peak	268.00	300	Horizontal	Pass
6**	16076.925	47.51	1.58	54.0	6.49	AV	268.00	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	1609.200	39.39	-17.40	74.0	34.61	Peak	360.00	100	Vertical	Pass
1**	1609.200	29.42	-17.40	54.0	24.58	AV	360.00	100	Vertical	Pass
2	4242.600	50.25	-4.40	74.0	23.75	Peak	351.00	400	Vertical	Pass
2**	4242.600	40.59	-4.40	54.0	13.41	AV	351.00	400	Vertical	Pass
3	5672.600	98.67	-2.23	--	--	Peak	136.00	150	Vertical	N/A
3**	5672.600	90.61	-2.23	--	--	AV	136.00	150	Vertical	N/A
4	7352.187	49.53	-3.80	74.0	24.47	Peak	265.00	300	Vertical	Pass
4**	7352.187	41.32	-3.80	54.0	12.68	AV	265.00	300	Vertical	Pass
5	11943.850	53.27	1.57	74.0	20.73	Peak	217.00	200	Vertical	Pass
5**	11943.850	43.46	1.57	54.0	10.54	AV	217.00	200	Vertical	Pass
6	15650.362	55.26	1.18	74.0	18.74	Peak	145.00	300	Vertical	Pass
6**	15650.362	45.41	1.18	54.0	8.59	AV	145.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.600	39.03	-17.07	74.0	34.97	Peak	248.00	200	Horizontal	Pass
1**	1541.600	29.30	-17.07	54.0	24.70	AV	248.00	200	Horizontal	Pass
2	4380.800	50.67	-3.46	74.0	23.33	Peak	6.00	400	Horizontal	Pass
2**	4380.800	41.43	-3.46	54.0	12.57	AV	6.00	400	Horizontal	Pass
3	5501.600	107.43	-1.40	--	--	Peak	199.00	100	Horizontal	N/A
3**	5501.600	99.99	-1.40	--	--	AV	199.00	100	Horizontal	N/A
4	7342.413	49.86	-3.23	74.0	24.14	Peak	189.00	300	Horizontal	Pass
4**	7342.413	40.64	-3.23	54.0	13.36	AV	189.00	300	Horizontal	Pass
5	12526.612	53.44	1.35	74.0	20.56	Peak	26.00	150	Horizontal	Pass
5**	12526.612	43.40	1.35	54.0	10.60	AV	26.00	150	Horizontal	Pass
6	16156.200	55.72	0.93	74.0	18.28	Peak	131.00	200	Horizontal	Pass
6**	16156.200	46.73	0.93	54.0	7.27	AV	131.00	200	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	1612.000	39.03	-17.22	74.0	34.97	Peak	360.00	200	Vertical	Pass
1**	1612.000	29.52	-17.22	54.0	24.48	AV	360.00	200	Vertical	Pass
2	4387.400	50.23	-3.35	74.0	23.77	Peak	233.00	300	Vertical	Pass
2**	4387.400	41.26	-3.35	54.0	12.74	AV	233.00	300	Vertical	Pass
3	5502.400	101.66	-1.37	--	--	Peak	137.00	150	Vertical	N/A
3**	5502.400	93.58	-1.37	--	--	AV	137.00	150	Vertical	N/A
4	7341.837	50.03	-3.15	74.0	23.97	Peak	83.00	100	Vertical	Pass
4**	7341.837	40.68	-3.15	54.0	13.32	AV	83.00	100	Vertical	Pass
5	12318.750	52.86	1.42	74.0	21.14	Peak	201.00	100	Vertical	Pass
5**	12318.750	44.81	1.42	54.0	9.19	AV	201.00	100	Vertical	Pass
6	16133.888	56.64	1.06	74.0	17.36	Peak	259.00	400	Vertical	Pass
6**	16133.888	46.81	1.06	54.0	7.19	AV	259.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.000	38.81	-16.97	74.0	35.19	Peak	16.00	200	Horizontal	Pass
1**	1483.000	28.78	-16.97	54.0	25.22	AV	16.00	200	Horizontal	Pass
2	4366.600	50.21	-3.84	74.0	23.79	Peak	0.00	200	Horizontal	Pass
2**	4366.600	41.03	-3.84	54.0	12.97	AV	0.00	200	Horizontal	Pass
3	5578.800	106.57	-1.61	--	--	Peak	193.00	100	Horizontal	N/A
3**	5578.800	100.11	-1.61	--	--	AV	193.00	100	Horizontal	N/A
4	7346.150	49.93	-3.53	74.0	24.07	Peak	34.00	200	Horizontal	Pass
4**	7346.150	41.13	-3.53	54.0	12.87	AV	34.00	200	Horizontal	Pass
5	12337.724	52.83	1.31	74.0	21.17	Peak	102.00	100	Horizontal	Pass
5**	12337.724	43.55	1.31	54.0	10.45	AV	102.00	100	Horizontal	Pass
6	15847.500	56.48	1.35	74.0	17.52	Peak	255.00	100	Horizontal	Pass
6**	15847.500	46.34	1.35	54.0	7.66	AV	255.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1558.900	39.32	-16.97	74.0	34.68	Peak	6.00	200	Vertical	Pass
1**	1558.900	29.26	-16.97	54.0	24.74	AV	6.00	200	Vertical	Pass
2	3991.400	50.03	-4.58	74.0	23.97	Peak	20.00	200	Vertical	Pass
2**	3991.400	39.57	-4.58	54.0	14.43	AV	20.00	200	Vertical	Pass
3	5581.400	100.50	-1.71	--	--	Peak	134.00	100	Vertical	N/A
3**	5581.400	93.93	-1.71	--	--	AV	134.00	100	Vertical	N/A
4	7394.450	50.24	-3.86	74.0	23.76	Peak	348.00	100	Vertical	Pass
4**	7394.450	40.07	-3.86	54.0	13.93	AV	348.00	100	Vertical	Pass
5	10933.287	53.26	0.02	74.0	20.74	Peak	176.00	200	Vertical	Pass
5**	10933.287	42.90	0.02	54.0	11.10	AV	176.00	200	Vertical	Pass
6	16112.625	56.03	0.72	74.0	17.97	Peak	37.00	400	Vertical	Pass
6**	16112.625	46.25	0.72	54.0	7.75	AV	37.00	400	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	1501.400	39.15	-16.94	74.0	34.85	Peak	238.00	400	Horizontal	Pass
1**	1501.400	29.90	-16.94	54.0	24.10	AV	238.00	400	Horizontal	Pass
2	4381.800	49.59	-3.63	74.0	24.41	Peak	207.00	400	Horizontal	Pass
2**	4381.800	41.12	-3.63	54.0	12.88	AV	207.00	400	Horizontal	Pass
3	5698.000	105.75	-1.11	--	--	Peak	196.00	100	Horizontal	N/A
3**	5698.000	97.78	-1.11	--	--	AV	196.00	100	Horizontal	N/A
4	7326.312	50.25	-3.42	74.0	23.75	Peak	224.00	200	Horizontal	Pass
4**	7326.312	41.65	-3.42	54.0	12.35	AV	224.00	200	Horizontal	Pass
5	11459.125	53.01	-0.12	74.0	20.99	Peak	77.00	150	Horizontal	Pass
5**	11459.125	41.88	-0.12	54.0	12.12	AV	77.00	150	Horizontal	Pass
6	15804.975	55.50	2.27	74.0	18.50	Peak	308.00	200	Horizontal	Pass
6**	15804.975	47.11	2.27	54.0	6.89	AV	308.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.900	38.98	-17.00	74.0	35.02	Peak	269.00	200	Vertical	Pass
1**	1507.900	30.13	-17.00	54.0	23.87	AV	269.00	200	Vertical	Pass
2	4392.800	50.12	-3.61	74.0	23.88	Peak	253.00	100	Vertical	Pass
2**	4392.800	41.46	-3.61	54.0	12.54	AV	253.00	100	Vertical	Pass
3	5701.000	100.07	-1.44	--	--	Peak	127.00	200	Vertical	N/A
3**	5701.000	93.41	-1.44	--	--	AV	127.00	200	Vertical	N/A
4	7347.300	49.72	-3.66	74.0	24.28	Peak	283.00	400	Vertical	Pass
4**	7347.300	40.36	-3.66	54.0	13.64	AV	283.00	400	Vertical	Pass
5	12395.513	53.24	1.60	74.0	20.76	Peak	240.00	100	Vertical	Pass
5**	12395.513	44.60	1.60	54.0	9.40	AV	240.00	100	Vertical	Pass
6	15511.238	56.04	1.43	74.0	17.96	Peak	322.00	100	Vertical	Pass
6**	15511.238	46.02	1.43	54.0	7.98	AV	322.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.200	39.18	-17.01	74.0	34.82	Peak	96.00	200	Horizontal	Pass
1**	1443.200	29.34	-17.01	54.0	24.66	AV	96.00	200	Horizontal	Pass
2	4379.000	50.07	-3.36	74.0	23.93	Peak	20.00	300	Horizontal	Pass
2**	4379.000	42.01	-3.36	54.0	11.99	AV	20.00	300	Horizontal	Pass
3	5508.400	104.37	-0.93	--	--	Peak	201.00	200	Horizontal	N/A
3**	5508.400	97.49	-0.93	--	--	AV	201.00	200	Horizontal	N/A
4	7337.238	49.64	-2.96	74.0	24.36	Peak	89.00	300	Horizontal	Pass
4**	7337.238	41.19	-2.96	54.0	12.81	AV	89.00	300	Horizontal	Pass
5	11930.912	52.91	1.59	74.0	21.09	Peak	175.00	150	Horizontal	Pass
5**	11930.912	43.07	1.59	54.0	10.93	AV	175.00	150	Horizontal	Pass
6	15793.424	55.48	2.12	74.0	18.52	Peak	117.00	300	Horizontal	Pass
6**	15793.424	46.33	2.12	54.0	7.67	AV	117.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.800	38.92	-16.84	74.0	35.08	Peak	239.00	300	Vertical	Pass
1**	1504.800	29.75	-16.84	54.0	24.25	AV	239.00	300	Vertical	Pass
2	4395.200	50.51	-3.91	74.0	23.49	Peak	228.00	400	Vertical	Pass
2**	4395.200	40.88	-3.91	54.0	13.12	AV	228.00	400	Vertical	Pass
3	5507.200	98.73	-0.97	--	--	Peak	143.00	150	Vertical	N/A
3**	5507.200	90.25	-0.97	--	--	AV	143.00	150	Vertical	N/A
4	7342.413	50.91	-3.23	74.0	23.09	Peak	328.00	400	Vertical	Pass
4**	7342.413	40.69	-3.23	54.0	13.31	AV	328.00	400	Vertical	Pass
5	12274.475	52.56	1.60	74.0	21.44	Peak	236.00	150	Vertical	Pass
5**	12274.475	44.23	1.60	54.0	9.77	AV	236.00	150	Vertical	Pass
6	16102.651	55.75	1.08	74.0	18.25	Peak	0.00	400	Vertical	Pass
6**	16102.651	46.20	1.08	54.0	7.80	AV	0.00	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	1541.300	39.14	-17.02	74.0	34.86	Peak	24.00	400	Horizontal	Pass
1**	1541.300	29.23	-17.02	54.0	24.77	AV	24.00	400	Horizontal	Pass
2	4377.400	50.58	-3.58	74.0	23.42	Peak	259.00	200	Horizontal	Pass
2**	4377.400	41.10	-3.58	54.0	12.90	AV	259.00	200	Horizontal	Pass
3	5593.800	104.00	-2.15	--	--	Peak	238.00	100	Horizontal	N/A
3**	5593.800	96.53	-2.15	--	--	AV	238.00	100	Horizontal	N/A
4	7344.712	49.08	-3.48	74.0	24.92	Peak	317.00	300	Horizontal	Pass
4**	7344.712	40.47	-3.48	54.0	13.53	AV	317.00	300	Horizontal	Pass
5	12359.862	52.88	1.17	74.0	21.12	Peak	333.00	100	Horizontal	Pass
5**	12359.862	42.88	1.17	54.0	11.12	AV	333.00	100	Horizontal	Pass
6	15493.387	55.92	1.01	74.0	18.08	Peak	331.00	300	Horizontal	Pass
6**	15493.387	47.04	1.01	54.0	6.96	AV	331.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.900	39.34	-16.83	74.0	34.66	Peak	139.00	300	Vertical	Pass
1**	1585.900	30.20	-16.83	54.0	23.80	AV	139.00	300	Vertical	Pass
2	4045.200	49.72	-5.05	74.0	24.28	Peak	330.00	400	Vertical	Pass
2**	4045.200	39.43	-5.05	54.0	14.57	AV	330.00	400	Vertical	Pass
3	5587.600	98.59	-1.78	--	--	Peak	135.00	150	Vertical	N/A
3**	5587.600	91.06	-1.78	--	--	AV	135.00	150	Vertical	N/A
4	7375.475	49.68	-3.76	74.0	24.32	Peak	154.00	100	Vertical	Pass
4**	7375.475	39.65	-3.76	54.0	14.35	AV	154.00	100	Vertical	Pass
5	12233.938	53.09	1.19	74.0	20.91	Peak	360.00	150	Vertical	Pass
5**	12233.938	44.17	1.19	54.0	9.83	AV	360.00	150	Vertical	Pass
6	15831.487	55.97	1.48	74.0	18.03	Peak	38.00	200	Vertical	Pass
6**	15831.487	46.39	1.48	54.0	7.61	AV	38.00	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	1489.100	39.39	-16.76	74.0	34.61	Peak	56.00	300	Horizontal	Pass
1**	1489.100	29.36	-16.76	54.0	24.64	AV	56.00	300	Horizontal	Pass
2	4378.400	49.93	-3.42	74.0	24.07	Peak	290.00	200	Horizontal	Pass
2**	4378.400	41.81	-3.42	54.0	12.19	AV	290.00	200	Horizontal	Pass
3	5671.600	103.15	-2.31	--	--	Peak	209.00	100	Horizontal	N/A
3**	5671.600	95.54	-2.31	--	--	AV	209.00	100	Horizontal	N/A
4	7426.362	49.31	-3.38	74.0	24.69	Peak	42.00	200	Horizontal	Pass
4**	7426.362	39.86	-3.38	54.0	14.14	AV	42.00	200	Horizontal	Pass
5	12450.425	53.05	1.89	74.0	20.95	Peak	360.00	200	Horizontal	Pass
5**	12450.425	44.09	1.89	54.0	9.91	AV	360.00	200	Horizontal	Pass
6	15837.263	56.06	1.45	74.0	17.94	Peak	16.00	400	Horizontal	Pass
6**	15837.263	46.54	1.45	54.0	7.46	AV	16.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.800	38.96	-17.07	74.0	35.04	Peak	109.00	400	Vertical	Pass
1**	1623.800	29.66	-17.07	54.0	24.34	AV	109.00	400	Vertical	Pass
2	4214.400	49.75	-4.47	74.0	24.25	Peak	42.00	100	Vertical	Pass
2**	4214.400	40.44	-4.47	54.0	13.56	AV	42.00	100	Vertical	Pass
3	5672.200	97.61	-2.26	--	--	Peak	133.00	150	Vertical	N/A
3**	5672.200	90.72	-2.26	--	--	AV	133.00	150	Vertical	N/A
4	7450.800	49.27	-3.19	74.0	24.73	Peak	291.00	300	Vertical	Pass
4**	7450.800	40.92	-3.19	54.0	13.08	AV	291.00	300	Vertical	Pass
5	12292.013	52.81	1.63	74.0	21.19	Peak	253.00	200	Vertical	Pass
5**	12292.013	43.45	1.63	54.0	10.55	AV	253.00	200	Vertical	Pass
6	16082.962	55.91	1.57	74.0	18.09	Peak	237.00	300	Vertical	Pass
6**	16082.962	46.95	1.57	54.0	7.05	AV	237.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	39.02	-16.94	74.0	34.98	Peak	269.00	200	Horizontal	Pass
1**	1500.000	28.72	-16.94	54.0	25.28	AV	269.00	200	Horizontal	Pass
2	4379.200	50.88	-3.34	74.0	23.12	Peak	42.00	200	Horizontal	Pass
2**	4379.200	40.98	-3.34	54.0	13.02	AV	42.00	200	Horizontal	Pass
3	5536.400	101.64	-1.80	--	--	Peak	212.00	200	Horizontal	N/A
3**	5536.400	94.88	-1.80	--	--	AV	212.00	200	Horizontal	N/A
4	7348.450	50.57	-3.77	74.0	23.43	Peak	221.00	200	Horizontal	Pass
4**	7348.450	39.94	-3.77	54.0	14.06	AV	221.00	200	Horizontal	Pass
5	11203.826	53.74	-0.27	74.0	20.26	Peak	126.00	150	Horizontal	Pass
5**	11203.826	42.82	-0.27	54.0	11.18	AV	126.00	150	Horizontal	Pass
6	15514.125	55.56	1.41	74.0	18.44	Peak	137.00	400	Horizontal	Pass
6**	15514.125	46.67	1.41	54.0	7.33	AV	137.00	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	1555.600	39.34	-17.14	74.0	34.66	Peak	360.00	400	Vertical	Pass
1**	1555.600	29.10	-17.14	54.0	24.90	AV	360.00	400	Vertical	Pass
2	4387.600	50.80	-3.37	74.0	23.20	Peak	328.00	200	Vertical	Pass
2**	4387.600	41.32	-3.37	54.0	12.68	AV	328.00	200	Vertical	Pass
3	5543.200	96.13	-1.78	--	--	Peak	144.00	200	Vertical	N/A
3**	5543.200	88.28	-1.78	--	--	AV	144.00	200	Vertical	N/A
4	7671.025	49.45	-2.54	74.0	24.55	Peak	0.00	400	Vertical	Pass
4**	7671.025	39.88	-2.54	54.0	14.12	AV	0.00	400	Vertical	Pass
5	12313.000	53.10	1.39	74.0	20.90	Peak	291.00	150	Vertical	Pass
5**	12313.000	43.56	1.39	54.0	10.44	AV	291.00	150	Vertical	Pass
6	15802.350	56.55	2.30	74.0	17.45	Peak	273.00	100	Vertical	Pass
6**	15802.350	48.47	2.30	54.0	5.53	AV	273.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1566.300	39.41	-17.09	74.0	34.59	Peak	109.00	100	Horizontal	Pass
1**	1566.300	29.02	-17.09	54.0	24.98	AV	109.00	100	Horizontal	Pass
2	4386.800	49.98	-3.31	74.0	24.02	Peak	149.00	400	Horizontal	Pass
2**	4386.800	40.77	-3.31	54.0	13.23	AV	149.00	400	Horizontal	Pass
3	5605.000	101.06	-1.98	--	--	Peak	202.00	200	Horizontal	N/A
3**	5605.000	93.57	-1.98	--	--	AV	202.00	200	Horizontal	N/A
4	7388.125	49.43	-3.98	74.0	24.57	Peak	67.00	200	Horizontal	Pass
4**	7388.125	40.35	-3.98	54.0	13.65	AV	67.00	200	Horizontal	Pass
5	12694.225	52.94	0.83	74.0	21.06	Peak	189.00	100	Horizontal	Pass
5**	12694.225	43.62	0.83	54.0	10.38	AV	189.00	100	Horizontal	Pass
6	15849.600	55.89	1.33	74.0	18.11	Peak	114.00	100	Horizontal	Pass
6**	15849.600	47.15	1.33	54.0	6.85	AV	114.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.400	39.20	-16.94	74.0	34.80	Peak	69.00	200	Vertical	Pass
1**	1501.400	29.67	-16.94	54.0	24.33	AV	69.00	200	Vertical	Pass
2	4386.000	50.02	-3.30	74.0	23.98	Peak	188.00	100	Vertical	Pass
2**	4386.000	41.13	-3.30	54.0	12.87	AV	188.00	100	Vertical	Pass
3	5623.400	95.26	-1.86	--	--	Peak	130.00	150	Vertical	N/A
3**	5623.400	86.77	-1.86	--	--	AV	130.00	150	Vertical	N/A
4	7342.987	50.64	-3.31	74.0	23.36	Peak	104.00	300	Vertical	Pass
4**	7342.987	40.41	-3.31	54.0	13.59	AV	104.00	300	Vertical	Pass
5	11950.463	53.07	1.38	74.0	20.93	Peak	360.00	150	Vertical	Pass
5**	11950.463	44.06	1.38	54.0	9.94	AV	360.00	150	Vertical	Pass
6	15798.674	56.34	2.29	74.0	17.66	Peak	191.00	400	Vertical	Pass
6**	15798.674	46.64	2.29	54.0	7.36	AV	191.00	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	1622.100	39.19	-16.87	74.0	34.81	Peak	320.00	400	Horizontal	Pass
1**	1622.100	29.29	-16.87	54.0	24.71	AV	320.00	400	Horizontal	Pass
2	4261.800	49.61	-4.62	74.0	24.39	Peak	279.00	400	Horizontal	Pass
2**	4261.800	40.52	-4.62	54.0	13.48	AV	279.00	400	Horizontal	Pass
3	5743.600	107.13	-2.09	--	--	Peak	187.00	200	Horizontal	N/A
3**	5743.600	99.76	-2.09	--	--	AV	187.00	200	Horizontal	N/A
4	7445.050	49.84	-3.18	74.0	24.16	Peak	140.00	100	Horizontal	Pass
4**	7445.050	40.47	-3.18	54.0	13.53	AV	140.00	100	Horizontal	Pass
5	12621.200	52.95	1.74	74.0	21.05	Peak	247.00	200	Horizontal	Pass
5**	12621.200	43.86	1.74	54.0	10.14	AV	247.00	200	Horizontal	Pass
6	16124.963	55.54	0.80	74.0	18.46	Peak	89.00	100	Horizontal	Pass
6**	16124.963	46.22	0.80	54.0	7.78	AV	89.00	100	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	1597.500	38.88	-17.20	74.0	35.12	Peak	213.00	400	Vertical	Pass
1**	1597.500	29.31	-17.20	54.0	24.69	AV	213.00	400	Vertical	Pass
2	4382.400	50.03	-3.64	74.0	23.97	Peak	178.00	200	Vertical	Pass
2**	4382.400	40.65	-3.64	54.0	13.35	AV	178.00	200	Vertical	Pass
3	5745.800	101.34	-2.19	--	--	Peak	115.00	150	Vertical	N/A
3**	5745.800	94.00	-2.19	--	--	AV	115.00	150	Vertical	N/A
4	7575.000	49.22	-3.03	74.0	24.78	Peak	15.00	200	Vertical	Pass
4**	7575.000	39.27	-3.03	54.0	14.73	AV	15.00	200	Vertical	Pass
5	12278.213	52.96	1.74	74.0	21.04	Peak	15.00	150	Vertical	Pass
5**	12278.213	43.92	1.74	54.0	10.08	AV	15.00	150	Vertical	Pass
6	16067.213	55.37	1.23	74.0	18.63	Peak	128.00	400	Vertical	Pass
6**	16067.213	45.71	1.23	54.0	8.29	AV	128.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.000	38.80	-17.42	74.0	35.20	Peak	296.00	300	Horizontal	Pass
1**	1620.000	29.83	-17.42	54.0	24.17	AV	296.00	300	Horizontal	Pass
2	4284.000	49.51	-4.19	74.0	24.49	Peak	292.00	300	Horizontal	Pass
2**	4284.000	40.63	-4.19	54.0	13.37	AV	292.00	300	Horizontal	Pass
3	5786.000	107.06	-1.65	--	--	Peak	202.00	150	Horizontal	N/A
3**	5786.000	100.09	-1.65	--	--	AV	202.00	150	Horizontal	N/A
4	7681.087	49.62	-2.58	74.0	24.38	Peak	80.00	400	Horizontal	Pass
4**	7681.087	40.67	-2.58	54.0	13.33	AV	80.00	400	Horizontal	Pass
5	12693.075	52.88	0.83	74.0	21.12	Peak	0.00	100	Horizontal	Pass
5**	12693.075	43.59	0.83	54.0	10.41	AV	0.00	100	Horizontal	Pass
6	15797.888	56.34	2.26	74.0	17.66	Peak	220.00	300	Horizontal	Pass
6**	15797.888	46.96	2.26	54.0	7.04	AV	220.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1617.200	38.43	-17.12	74.0	35.57	Peak	360.00	400	Vertical	Pass
1**	1617.200	29.11	-17.12	54.0	24.89	AV	360.00	400	Vertical	Pass
2	4359.400	49.49	-4.09	74.0	24.51	Peak	347.00	300	Vertical	Pass
2**	4359.400	40.62	-4.09	54.0	13.38	AV	347.00	300	Vertical	Pass
3	5785.800	102.46	-1.64	--	--	Peak	121.00	150	Vertical	N/A
3**	5785.800	94.35	-1.64	--	--	AV	121.00	150	Vertical	N/A
4	7445.625	49.55	-3.14	74.0	24.45	Peak	170.00	100	Vertical	Pass
4**	7445.625	40.31	-3.14	54.0	13.69	AV	170.00	100	Vertical	Pass
5	12628.100	53.32	1.49	74.0	20.68	Peak	78.00	200	Vertical	Pass
5**	12628.100	42.64	1.49	54.0	11.36	AV	78.00	200	Vertical	Pass
6	15801.037	56.14	2.32	74.0	17.86	Peak	27.00	400	Vertical	Pass
6**	15801.037	46.56	2.32	54.0	7.44	AV	27.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.300	38.80	-16.94	74.0	35.20	Peak	0.00	200	Horizontal	Pass
1**	1621.300	29.37	-16.94	54.0	24.63	AV	0.00	200	Horizontal	Pass
2	4391.200	50.45	-3.40	74.0	23.55	Peak	127.00	400	Horizontal	Pass
2**	4391.200	41.96	-3.40	54.0	12.04	AV	127.00	400	Horizontal	Pass
3	5826.600	106.25	-2.01	--	--	Peak	182.00	150	Horizontal	N/A
3**	5826.600	99.16	-2.01	--	--	AV	182.00	150	Horizontal	N/A
4	7364.837	49.61	-3.42	74.0	24.39	Peak	360.00	400	Horizontal	Pass
4**	7364.837	40.33	-3.42	54.0	13.67	AV	360.00	400	Horizontal	Pass
5	11956.787	52.95	1.08	74.0	21.05	Peak	323.00	150	Horizontal	Pass
5**	11956.787	44.06	1.08	54.0	9.94	AV	323.00	150	Horizontal	Pass
6	15821.513	56.26	1.80	74.0	17.74	Peak	234.00	400	Horizontal	Pass
6**	15821.513	46.35	1.80	54.0	7.65	AV	234.00	400	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	1508.000	38.79	-17.02	74.0	35.21	Peak	289.00	300	Vertical	Pass
1**	1508.000	29.99	-17.02	54.0	24.01	AV	289.00	300	Vertical	Pass
2	4366.400	50.83	-3.85	74.0	23.17	Peak	88.00	300	Vertical	Pass
2**	4366.400	40.84	-3.85	54.0	13.16	AV	88.00	300	Vertical	Pass
3	5826.400	101.13	-2.02	--	--	Peak	113.00	100	Vertical	N/A
3**	5826.400	94.08	-2.02	--	--	AV	113.00	100	Vertical	N/A
4	7337.812	49.57	-2.88	74.0	24.43	Peak	140.00	400	Vertical	Pass
4**	7337.812	41.28	-2.88	54.0	12.72	AV	140.00	400	Vertical	Pass
5	12282.237	53.64	1.79	74.0	20.36	Peak	51.00	100	Vertical	Pass
5**	12282.237	44.31	1.79	54.0	9.69	AV	51.00	100	Vertical	Pass
6	15828.338	55.55	1.54	74.0	18.45	Peak	245.00	300	Vertical	Pass
6**	15828.338	45.91	1.54	54.0	8.09	AV	245.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.300	38.84	-17.00	74.0	35.16	Peak	134.00	400	Horizontal	Pass
1**	1587.300	29.56	-17.00	54.0	24.44	AV	134.00	400	Horizontal	Pass
2	4385.800	50.37	-3.33	74.0	23.63	Peak	296.00	400	Horizontal	Pass
2**	4385.800	41.04	-3.33	54.0	12.96	AV	296.00	400	Horizontal	Pass
3	5743.600	105.81	-2.09	--	--	Peak	196.00	150	Horizontal	N/A
3**	5743.600	98.98	-2.09	--	--	AV	196.00	150	Horizontal	N/A
4	7320.563	50.02	-3.09	74.0	23.98	Peak	168.00	400	Horizontal	Pass
4**	7320.563	40.50	-3.09	54.0	13.50	AV	168.00	400	Horizontal	Pass
5	12268.151	53.41	1.39	74.0	20.59	Peak	302.00	200	Horizontal	Pass
5**	12268.151	43.48	1.39	54.0	10.52	AV	302.00	200	Horizontal	Pass
6	15848.813	55.63	1.34	74.0	18.37	Peak	84.00	400	Horizontal	Pass
6**	15848.813	46.47	1.34	54.0	7.53	AV	84.00	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	1488.300	38.59	-16.80	74.0	35.41	Peak	337.00	100	Vertical	Pass
1**	1488.300	29.42	-16.80	54.0	24.58	AV	337.00	100	Vertical	Pass
2	4379.800	50.42	-3.28	74.0	23.58	Peak	78.00	400	Vertical	Pass
2**	4379.800	42.08	-3.28	54.0	11.92	AV	78.00	400	Vertical	Pass
3	5746.000	100.35	-2.21	--	--	Peak	122.00	100	Vertical	N/A
3**	5746.000	93.18	-2.21	--	--	AV	122.00	100	Vertical	N/A
4	7356.788	49.63	-3.82	74.0	24.37	Peak	79.00	400	Vertical	Pass
4**	7356.788	39.77	-3.82	54.0	14.23	AV	79.00	400	Vertical	Pass
5	12280.800	53.74	1.80	74.0	20.26	Peak	210.00	200	Vertical	Pass
5**	12280.800	43.89	1.80	54.0	10.11	AV	210.00	200	Vertical	Pass
6	15574.237	55.69	1.42	74.0	18.31	Peak	2.00	100	Vertical	Pass
6**	15574.237	46.13	1.42	54.0	7.87	AV	2.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.000	39.80	-16.83	74.0	34.20	Peak	76.00	100	Horizontal	Pass
1**	1506.000	29.34	-16.83	54.0	24.66	AV	76.00	100	Horizontal	Pass
2	4380.600	50.46	-3.42	74.0	23.54	Peak	39.00	200	Horizontal	Pass
2**	4380.600	41.47	-3.42	54.0	12.53	AV	39.00	200	Horizontal	Pass
3	5781.800	105.27	-1.41	--	--	Peak	202.00	150	Horizontal	N/A
3**	5781.800	97.59	-1.41	--	--	AV	202.00	150	Horizontal	N/A
4	7339.825	49.51	-2.95	74.0	24.49	Peak	360.00	100	Horizontal	Pass
4**	7339.825	41.20	-2.95	54.0	12.80	AV	360.00	100	Horizontal	Pass
5	12321.625	52.90	1.42	74.0	21.10	Peak	0.00	100	Horizontal	Pass
5**	12321.625	43.48	1.42	54.0	10.52	AV	0.00	100	Horizontal	Pass
6	15793.950	55.58	2.13	74.0	18.42	Peak	341.00	200	Horizontal	Pass
6**	15793.950	46.15	2.13	54.0	7.85	AV	341.00	200	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	1509.800	38.94	-17.19	74.0	35.06	Peak	56.00	200	Vertical	Pass
1**	1509.800	29.33	-17.19	54.0	24.67	AV	56.00	200	Vertical	Pass
2	4388.000	49.83	-3.39	74.0	24.17	Peak	252.00	400	Vertical	Pass
2**	4388.000	41.27	-3.39	54.0	12.73	AV	252.00	400	Vertical	Pass
3	5783.400	101.17	-1.48	--	--	Peak	120.00	200	Vertical	N/A
3**	5783.400	93.54	-1.48	--	--	AV	120.00	200	Vertical	N/A
4	7683.675	49.85	-2.67	74.0	24.15	Peak	249.00	200	Vertical	Pass
4**	7683.675	39.93	-2.67	54.0	14.07	AV	249.00	200	Vertical	Pass
5	12491.537	52.79	1.67	74.0	21.21	Peak	282.00	150	Vertical	Pass
5**	12491.537	44.01	1.67	54.0	9.99	AV	282.00	150	Vertical	Pass
6	15824.400	55.53	1.67	74.0	18.47	Peak	303.00	200	Vertical	Pass
6**	15824.400	46.39	1.67	54.0	7.61	AV	303.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.700	38.50	-16.82	74.0	35.50	Peak	5.00	300	Horizontal	Pass
1**	1506.700	29.87	-16.82	54.0	24.13	AV	5.00	300	Horizontal	Pass
2	4382.000	49.61	-3.64	74.0	24.39	Peak	170.00	300	Horizontal	Pass
2**	4382.000	40.81	-3.64	54.0	13.19	AV	170.00	300	Horizontal	Pass
3	5823.800	104.77	-2.13	--	--	Peak	193.00	200	Horizontal	N/A
3**	5823.800	97.87	-2.13	--	--	AV	193.00	200	Horizontal	N/A
4	7692.588	49.33	-2.50	74.0	24.67	Peak	95.00	400	Horizontal	Pass
4**	7692.588	39.79	-2.50	54.0	14.21	AV	95.00	400	Horizontal	Pass
5	12455.599	52.66	1.87	74.0	21.34	Peak	180.00	200	Horizontal	Pass
5**	12455.599	42.67	1.87	54.0	11.33	AV	180.00	200	Horizontal	Pass
6	16038.075	55.98	0.78	74.0	18.02	Peak	273.00	300	Horizontal	Pass
6**	16038.075	46.17	0.78	54.0	7.83	AV	273.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.000	39.21	-17.26	74.0	34.79	Peak	341.00	100	Vertical	Pass
1**	1598.000	29.33	-17.26	54.0	24.67	AV	341.00	100	Vertical	Pass
2	4257.000	49.63	-4.58	74.0	24.37	Peak	50.00	100	Vertical	Pass
2**	4257.000	39.44	-4.58	54.0	14.56	AV	50.00	100	Vertical	Pass
3	5823.600	100.40	-2.13	--	--	Peak	120.00	200	Vertical	N/A
3**	5823.600	92.37	-2.13	--	--	AV	120.00	200	Vertical	N/A
4	7339.825	50.32	-2.95	74.0	23.68	Peak	232.00	200	Vertical	Pass
4**	7339.825	42.01	-2.95	54.0	11.99	AV	232.00	200	Vertical	Pass
5	11853.575	53.03	1.07	74.0	20.97	Peak	14.00	150	Vertical	Pass
5**	11853.575	42.22	1.07	54.0	11.78	AV	14.00	150	Vertical	Pass
6	15796.575	56.02	2.22	74.0	17.98	Peak	301.00	200	Vertical	Pass
6**	15796.575	46.25	2.22	54.0	7.75	AV	301.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.000	38.75	-16.96	74.0	35.25	Peak	360.00	200	Horizontal	Pass
1**	1587.000	29.32	-16.96	54.0	24.68	AV	360.00	200	Horizontal	Pass
2	4382.400	50.18	-3.64	74.0	23.82	Peak	240.00	100	Horizontal	Pass
2**	4382.400	40.94	-3.64	54.0	13.06	AV	240.00	100	Horizontal	Pass
3	5753.000	102.81	-2.00	--	--	Peak	218.00	200	Horizontal	N/A
3**	5753.000	95.81	-2.00	--	--	AV	218.00	200	Horizontal	N/A
4	7727.375	49.06	-2.50	74.0	24.94	Peak	173.00	200	Horizontal	Pass
4**	7727.375	40.34	-2.50	54.0	13.66	AV	173.00	200	Horizontal	Pass
5	12320.474	53.57	1.42	74.0	20.43	Peak	153.00	150	Horizontal	Pass
5**	12320.474	44.02	1.42	54.0	9.98	AV	153.00	150	Horizontal	Pass
6	15839.887	55.53	1.45	74.0	18.47	Peak	54.00	300	Horizontal	Pass
6**	15839.887	46.50	1.45	54.0	7.50	AV	54.00	300	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	1446.500	38.66	-17.20	74.0	35.34	Peak	260.00	200	Vertical	Pass
1**	1446.500	30.49	-17.20	54.0	23.51	AV	260.00	200	Vertical	Pass
2	4377.200	49.74	-3.65	74.0	24.26	Peak	325.00	200	Vertical	Pass
2**	4377.200	40.50	-3.65	54.0	13.50	AV	325.00	200	Vertical	Pass
3	5748.000	97.59	-2.21	--	--	Peak	117.00	200	Vertical	N/A
3**	5748.000	89.61	-2.21	--	--	AV	117.00	200	Vertical	N/A
4	7362.825	50.10	-3.81	74.0	23.90	Peak	342.00	300	Vertical	Pass
4**	7362.825	40.24	-3.81	54.0	13.76	AV	342.00	300	Vertical	Pass
5	12454.737	53.24	1.88	74.0	20.76	Peak	96.00	150	Vertical	Pass
5**	12454.737	43.00	1.88	54.0	11.00	AV	96.00	150	Vertical	Pass
6	16012.875	55.83	0.46	74.0	18.17	Peak	29.00	300	Vertical	Pass
6**	16012.875	46.02	0.46	54.0	7.98	AV	29.00	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	1506.800	38.74	-16.82	74.0	35.26	Peak	207.00	300	Horizontal	Pass
1**	1506.800	30.43	-16.82	54.0	23.57	AV	207.00	300	Horizontal	Pass
2	4380.400	49.95	-3.39	74.0	24.05	Peak	47.00	300	Horizontal	Pass
2**	4380.400	42.10	-3.39	54.0	11.90	AV	47.00	300	Horizontal	Pass
3	5796.800	102.17	-1.71	--	--	Peak	210.00	150	Horizontal	N/A
3**	5796.800	94.57	-1.71	--	--	AV	210.00	150	Horizontal	N/A
4	7321.425	49.42	-3.18	74.0	24.58	Peak	290.00	100	Horizontal	Pass
4**	7321.425	40.08	-3.18	54.0	13.92	AV	290.00	100	Horizontal	Pass
5	12283.388	52.76	1.78	74.0	21.24	Peak	235.00	200	Horizontal	Pass
5**	12283.388	44.44	1.78	54.0	9.56	AV	235.00	200	Horizontal	Pass
6	15850.912	55.44	1.31	74.0	18.56	Peak	137.00	300	Horizontal	Pass
6**	15850.912	46.66	1.31	54.0	7.34	AV	137.00	300	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	1488.900	38.80	-16.77	74.0	35.20	Peak	147.00	400	Vertical	Pass
1**	1488.900	29.88	-16.77	54.0	24.12	AV	147.00	400	Vertical	Pass
2	3675.800	49.89	-5.23	74.0	24.11	Peak	208.00	200	Vertical	Pass
2**	3675.800	39.50	-5.23	54.0	14.50	AV	208.00	200	Vertical	Pass
3	5784.400	97.18	-1.61	--	--	Peak	110.00	100	Vertical	N/A
3**	5784.400	88.65	-1.61	--	--	AV	110.00	100	Vertical	N/A
4	7627.325	49.49	-2.75	74.0	24.51	Peak	166.00	400	Vertical	Pass
4**	7627.325	40.16	-2.75	54.0	13.84	AV	166.00	400	Vertical	Pass
5	12396.375	52.79	1.60	74.0	21.21	Peak	223.00	100	Vertical	Pass
5**	12396.375	43.35	1.60	54.0	10.65	AV	223.00	100	Vertical	Pass
6	15849.338	55.85	1.34	74.0	18.15	Peak	258.00	400	Vertical	Pass
6**	15849.338	46.23	1.34	54.0	7.77	AV	258.00	400	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	1583.800	39.70	-17.07	74.0	34.30	Peak	263.00	400	Horizontal	Pass
1**	1583.800	29.74	-17.07	54.0	24.26	AV	263.00	400	Horizontal	Pass
2	4377.000	49.93	-3.71	74.0	24.07	Peak	118.00	100	Horizontal	Pass
2**	4377.000	40.94	-3.71	54.0	13.06	AV	118.00	100	Horizontal	Pass
3	5743.600	105.97	-2.09	--	--	Peak	202.00	200	Horizontal	N/A
3**	5743.600	98.35	-2.09	--	--	AV	202.00	200	Horizontal	N/A
4	7339.825	49.25	-2.95	74.0	24.75	Peak	317.00	100	Horizontal	Pass
4**	7339.825	41.08	-2.95	54.0	12.92	AV	317.00	100	Horizontal	Pass
5	12625.800	52.99	1.57	74.0	21.01	Peak	201.00	100	Horizontal	Pass
5**	12625.800	42.96	1.57	54.0	11.04	AV	201.00	100	Horizontal	Pass
6	15839.100	55.42	1.45	74.0	18.58	Peak	34.00	200	Horizontal	Pass
6**	15839.100	47.02	1.45	54.0	6.98	AV	34.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.100	38.66	-16.86	74.0	35.34	Peak	360.00	200	Vertical	Pass
1**	1495.100	29.96	-16.86	54.0	24.04	AV	360.00	200	Vertical	Pass
2	4374.400	50.65	-4.00	74.0	23.35	Peak	332.00	300	Vertical	Pass
2**	4374.400	40.69	-4.00	54.0	13.31	AV	332.00	300	Vertical	Pass
3	5744.000	99.96	-2.06	--	--	Peak	124.00	100	Vertical	N/A
3**	5744.000	92.90	-2.06	--	--	AV	124.00	100	Vertical	N/A
4	7731.112	49.13	-2.43	74.0	24.87	Peak	159.00	200	Vertical	Pass
4**	7731.112	40.59	-2.43	54.0	13.41	AV	159.00	200	Vertical	Pass
5	12280.800	53.36	1.80	74.0	20.64	Peak	196.00	100	Vertical	Pass
5**	12280.800	43.63	1.80	54.0	10.37	AV	196.00	100	Vertical	Pass
6	16158.825	55.82	0.93	74.0	18.18	Peak	135.00	200	Vertical	Pass
6**	16158.825	46.56	0.93	54.0	7.44	AV	135.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.100	38.87	-17.03	74.0	35.13	Peak	244.00	100	Horizontal	Pass
1**	1508.100	29.06	-17.03	54.0	24.94	AV	244.00	100	Horizontal	Pass
2	4389.800	49.72	-3.33	74.0	24.28	Peak	157.00	300	Horizontal	Pass
2**	4389.800	40.76	-3.33	54.0	13.24	AV	157.00	300	Horizontal	Pass
3	5782.600	104.84	-1.38	--	--	Peak	211.00	100	Horizontal	N/A
3**	5782.600	97.41	-1.38	--	--	AV	211.00	100	Horizontal	N/A
4	7466.900	49.33	-3.28	74.0	24.67	Peak	63.00	200	Horizontal	Pass
4**	7466.900	40.71	-3.28	54.0	13.29	AV	63.00	200	Horizontal	Pass
5	12242.275	53.39	1.04	74.0	20.61	Peak	112.00	100	Horizontal	Pass
5**	12242.275	43.60	1.04	54.0	10.40	AV	112.00	100	Horizontal	Pass
6	15812.325	55.62	2.12	74.0	18.38	Peak	230.00	100	Horizontal	Pass
6**	15812.325	46.60	2.12	54.0	7.40	AV	230.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.100	38.76	-16.69	74.0	35.24	Peak	0.00	300	Vertical	Pass
1**	1486.100	29.35	-16.69	54.0	24.65	AV	0.00	300	Vertical	Pass
2	4386.000	49.66	-3.30	74.0	24.34	Peak	257.00	300	Vertical	Pass
2**	4386.000	40.97	-3.30	54.0	13.03	AV	257.00	300	Vertical	Pass
3	5786.600	100.46	-1.66	--	--	Peak	118.00	100	Vertical	N/A
3**	5786.600	92.35	-1.66	--	--	AV	118.00	100	Vertical	N/A
4	7340.112	49.68	-2.98	74.0	24.32	Peak	128.00	300	Vertical	Pass
4**	7340.112	41.36	-2.98	54.0	12.64	AV	128.00	300	Vertical	Pass
5	11617.537	52.86	-0.05	74.0	21.14	Peak	161.00	150	Vertical	Pass
5**	11617.537	43.65	-0.05	54.0	10.35	AV	161.00	150	Vertical	Pass
6	16193.475	55.90	1.59	74.0	18.10	Peak	339.00	200	Vertical	Pass
6**	16193.475	45.89	1.59	54.0	8.11	AV	339.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.700	39.34	-17.16	74.0	34.66	Peak	27.00	400	Horizontal	Pass
1**	1611.700	29.03	-17.16	54.0	24.97	AV	27.00	400	Horizontal	Pass
2	4298.000	49.55	-4.04	74.0	24.45	Peak	49.00	300	Horizontal	Pass
2**	4298.000	40.42	-4.04	54.0	13.58	AV	49.00	300	Horizontal	Pass
3	5823.200	103.92	-2.13	--	--	Peak	202.00	150	Horizontal	N/A
3**	5823.200	96.83	-2.13	--	--	AV	202.00	150	Horizontal	N/A
4	7364.837	49.51	-3.42	74.0	24.49	Peak	262.00	400	Horizontal	Pass
4**	7364.837	41.03	-3.42	54.0	12.97	AV	262.00	400	Horizontal	Pass
5	12308.688	52.82	1.37	74.0	21.18	Peak	360.00	150	Horizontal	Pass
5**	12308.688	43.82	1.37	54.0	10.18	AV	360.00	150	Horizontal	Pass
6	15819.412	55.67	1.90	74.0	18.33	Peak	203.00	400	Horizontal	Pass
6**	15819.412	46.40	1.90	54.0	7.60	AV	203.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.900	38.77	-16.68	74.0	35.23	Peak	0.00	300	Vertical	Pass
1**	1485.900	29.52	-16.68	54.0	24.48	AV	0.00	300	Vertical	Pass
2	4380.800	50.69	-3.46	74.0	23.31	Peak	216.00	400	Vertical	Pass
2**	4380.800	40.92	-3.46	54.0	13.08	AV	216.00	400	Vertical	Pass
3	5822.800	97.68	-2.13	--	--	Peak	123.00	150	Vertical	N/A
3**	5822.800	90.83	-2.13	--	--	AV	123.00	150	Vertical	N/A
4	7319.987	49.32	-3.06	74.0	24.68	Peak	356.00	300	Vertical	Pass
4**	7319.987	40.55	-3.06	54.0	13.45	AV	356.00	300	Vertical	Pass
5	12335.713	53.25	1.34	74.0	20.75	Peak	190.00	150	Vertical	Pass
5**	12335.713	43.10	1.34	54.0	10.90	AV	190.00	150	Vertical	Pass
6	15662.701	54.93	1.31	74.0	19.07	Peak	343.00	300	Vertical	Pass
6**	15662.701	45.49	1.31	54.0	8.51	AV	343.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.700	39.41	-16.99	74.0	34.59	Peak	291.00	400	Horizontal	Pass
1**	1458.700	29.66	-16.99	54.0	24.34	AV	291.00	400	Horizontal	Pass
2	4390.800	50.07	-3.35	74.0	23.93	Peak	1.00	300	Horizontal	Pass
2**	4390.800	41.88	-3.35	54.0	12.12	AV	1.00	300	Horizontal	Pass
3	5757.200	102.44	-1.77	--	--	Peak	188.00	200	Horizontal	N/A
3**	5757.200	94.91	-1.77	--	--	AV	188.00	200	Horizontal	N/A
4	7512.325	49.50	-3.26	74.0	24.50	Peak	307.00	300	Horizontal	Pass
4**	7512.325	39.66	-3.26	54.0	14.34	AV	307.00	300	Horizontal	Pass
5	11954.487	53.15	1.19	74.0	20.85	Peak	12.00	100	Horizontal	Pass
5**	11954.487	44.43	1.19	54.0	9.57	AV	12.00	100	Horizontal	Pass
6	15851.437	55.90	1.29	74.0	18.10	Peak	344.00	400	Horizontal	Pass
6**	15851.437	45.90	1.29	54.0	8.10	AV	344.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1617.100	39.10	-17.14	74.0	34.90	Peak	339.00	400	Vertical	Pass
1**	1617.100	29.32	-17.14	54.0	24.68	AV	339.00	400	Vertical	Pass
2	4374.400	49.73	-4.00	74.0	24.27	Peak	8.00	300	Vertical	Pass
2**	4374.400	40.09	-4.00	54.0	13.91	AV	8.00	300	Vertical	Pass
3	5753.200	96.70	-2.03	--	--	Peak	122.00	150	Vertical	N/A
3**	5753.200	89.50	-2.03	--	--	AV	122.00	150	Vertical	N/A
4	7321.713	49.72	-3.21	74.0	24.28	Peak	189.00	400	Vertical	Pass
4**	7321.713	39.95	-3.21	54.0	14.05	AV	189.00	400	Vertical	Pass
5	12522.588	53.76	1.42	74.0	20.24	Peak	302.00	200	Vertical	Pass
5**	12522.588	43.48	1.42	54.0	10.52	AV	302.00	200	Vertical	Pass
6	15837.263	55.99	1.45	74.0	18.01	Peak	270.00	200	Vertical	Pass
6**	15837.263	46.29	1.45	54.0	7.71	AV	270.00	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	1458.700	39.15	-16.99	74.0	34.85	Peak	214.00	300	Horizontal	Pass
1**	1458.700	29.49	-16.99	54.0	24.51	AV	214.00	300	Horizontal	Pass
2	4383.600	50.36	-3.64	74.0	23.64	Peak	360.00	300	Horizontal	Pass
2**	4383.600	40.67	-3.64	54.0	13.33	AV	360.00	300	Horizontal	Pass
3	5800.000	100.08	-1.72	--	--	Peak	212.00	150	Horizontal	N/A
3**	5800.000	92.40	-1.72	--	--	AV	212.00	150	Horizontal	N/A
4	7323.150	49.63	-3.36	74.0	24.37	Peak	360.00	100	Horizontal	Pass
4**	7323.150	40.20	-3.36	54.0	13.80	AV	360.00	100	Horizontal	Pass
5	11939.826	53.32	1.69	74.0	20.68	Peak	263.00	200	Horizontal	Pass
5**	11939.826	43.83	1.69	54.0	10.17	AV	263.00	200	Horizontal	Pass
6	15835.425	56.53	1.45	74.0	17.47	Peak	207.00	200	Horizontal	Pass
6**	15835.425	46.77	1.45	54.0	7.23	AV	207.00	200	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	1580.600	39.15	-17.22	74.0	34.85	Peak	87.00	100	Vertical	Pass
1**	1580.600	28.94	-17.22	54.0	25.06	AV	87.00	100	Vertical	Pass
2	4378.000	50.15	-3.46	74.0	23.85	Peak	321.00	400	Vertical	Pass
2**	4378.000	41.16	-3.46	54.0	12.84	AV	321.00	400	Vertical	Pass
3	5787.800	95.75	-1.70	--	--	Peak	126.00	150	Vertical	N/A
3**	5787.800	87.75	-1.70	--	--	AV	126.00	150	Vertical	N/A
4	7446.200	50.48	-3.13	74.0	23.52	Peak	108.00	100	Vertical	Pass
4**	7446.200	41.22	-3.13	54.0	12.78	AV	108.00	100	Vertical	Pass
5	12608.838	52.99	1.90	74.0	21.01	Peak	124.00	150	Vertical	Pass
5**	12608.838	43.89	1.90	54.0	10.11	AV	124.00	150	Vertical	Pass
6	16117.088	55.61	0.65	74.0	18.39	Peak	94.00	300	Vertical	Pass
6**	16117.088	46.91	0.65	54.0	7.09	AV	94.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.900	38.73	-17.00	74.0	35.27	Peak	2.00	100	Horizontal	Pass
1**	1458.900	29.33	-17.00	54.0	24.67	AV	2.00	100	Horizontal	Pass
2	4366.400	50.81	-3.85	74.0	23.19	Peak	188.00	100	Horizontal	Pass
2**	4366.400	42.19	-3.85	54.0	11.81	AV	188.00	100	Horizontal	Pass
3	5781.800	99.21	-1.41	--	--	Peak	198.00	150	Horizontal	N/A
3**	5781.800	90.92	-1.41	--	--	AV	198.00	150	Horizontal	N/A
4	7341.550	49.45	-3.12	74.0	24.55	Peak	144.00	200	Horizontal	Pass
4**	7341.550	41.03	-3.12	54.0	12.97	AV	144.00	200	Horizontal	Pass
5	12089.326	53.14	0.53	74.0	20.86	Peak	242.00	100	Horizontal	Pass
5**	12089.326	42.25	0.53	54.0	11.75	AV	242.00	100	Horizontal	Pass
6	15828.600	55.35	1.54	74.0	18.65	Peak	82.00	100	Horizontal	Pass
6**	15828.600	46.08	1.54	54.0	7.92	AV	82.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.300	38.98	-16.99	74.0	35.02	Peak	149.00	400	Vertical	Pass
1**	1503.300	30.14	-16.99	54.0	23.86	AV	149.00	400	Vertical	Pass
2	4392.600	50.60	-3.58	74.0	23.40	Peak	42.00	300	Vertical	Pass
2**	4392.600	41.19	-3.58	54.0	12.81	AV	42.00	300	Vertical	Pass
3	5782.400	93.64	-1.35	--	--	Peak	125.00	100	Vertical	N/A
3**	5782.400	85.74	-1.35	--	--	AV	125.00	100	Vertical	N/A
4	7675.050	49.86	-2.45	74.0	24.14	Peak	76.00	200	Vertical	Pass
4**	7675.050	40.56	-2.45	54.0	13.44	AV	76.00	200	Vertical	Pass
5	12273.613	53.20	1.57	74.0	20.80	Peak	123.00	150	Vertical	Pass
5**	12273.613	43.42	1.57	54.0	10.58	AV	123.00	150	Vertical	Pass
6	15802.613	55.82	2.30	74.0	18.18	Peak	226.00	150	Vertical	Pass
6**	15802.613	46.18	2.30	54.0	7.82	AV	226.00	150	Vertical	Pass

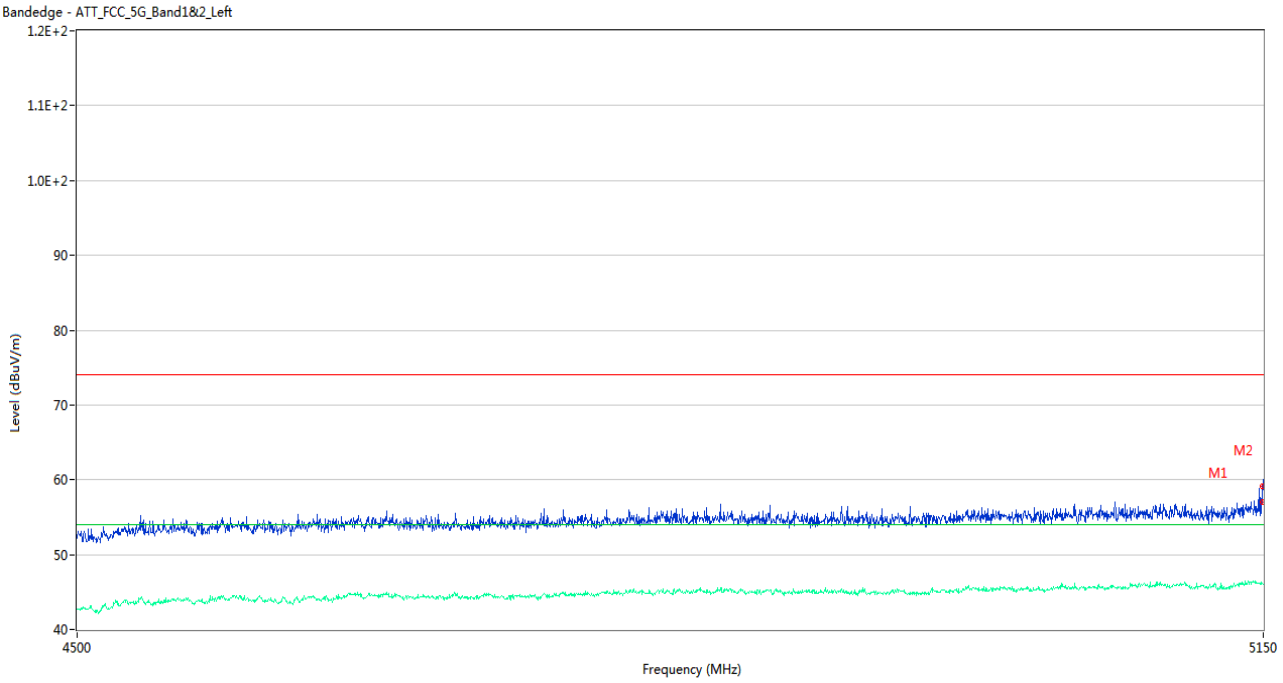
A.6.2 Band Edge (Restricted-band)

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

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

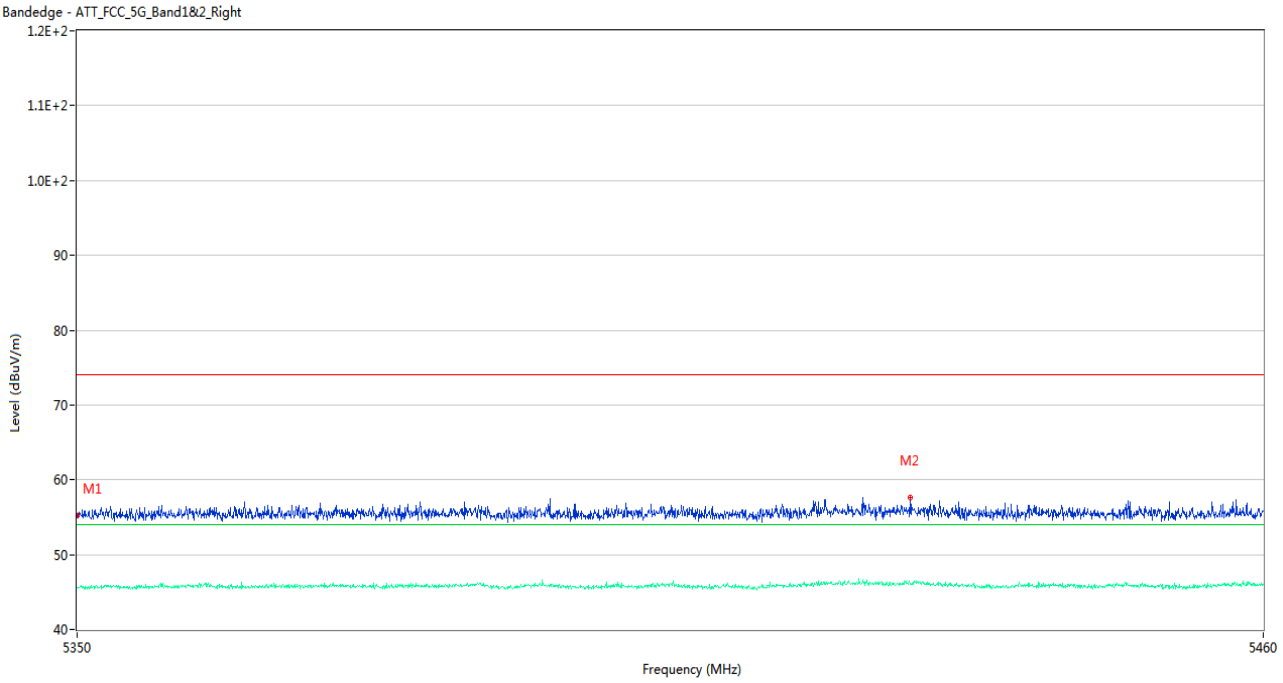
Test Data and Plots

U-NII-1 11a Low Channel



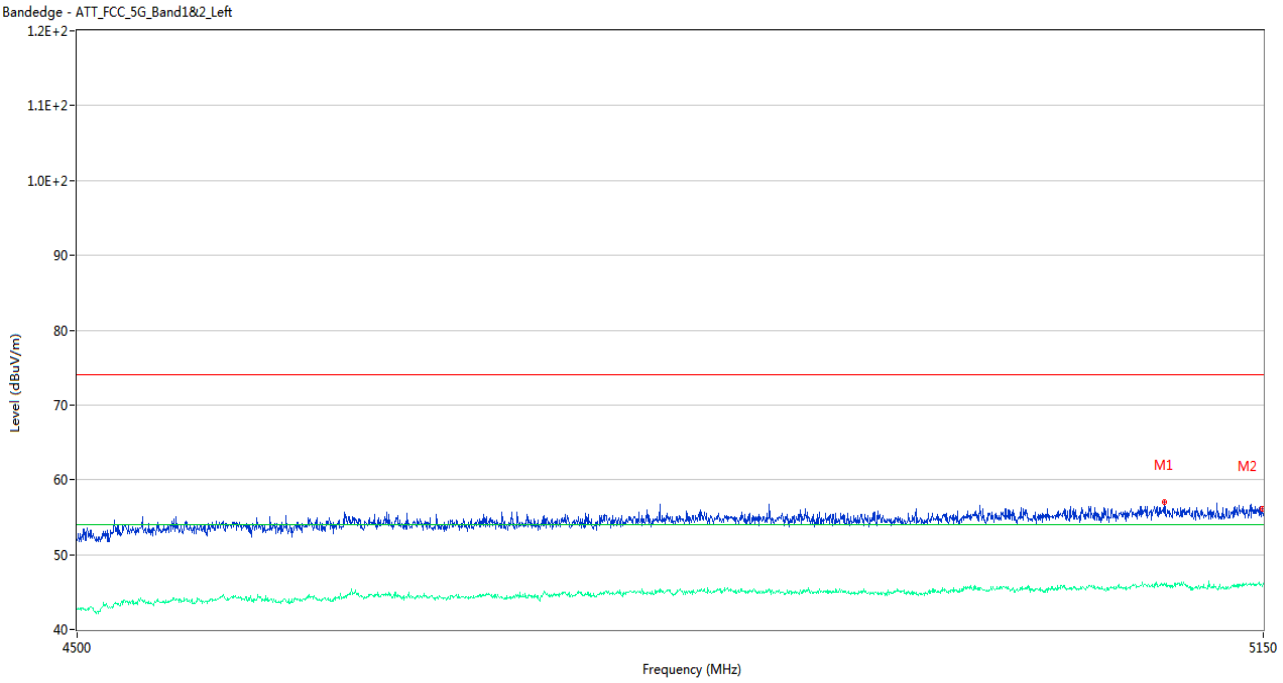
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	59.12	2.05	74.0	14.88	Peak	307.00	200	Horizontal	Pass
1**	5149.350	46.22	2.05	54.0	7.78	AV	307.00	200	Horizontal	Pass
2	5149.675	57.05	2.07	74.0	16.95	Peak	266.00	100	Horizontal	Pass
2**	5149.675	46.13	2.07	54.0	7.87	AV	266.00	100	Horizontal	Pass

U-NII-1 11a High Channel



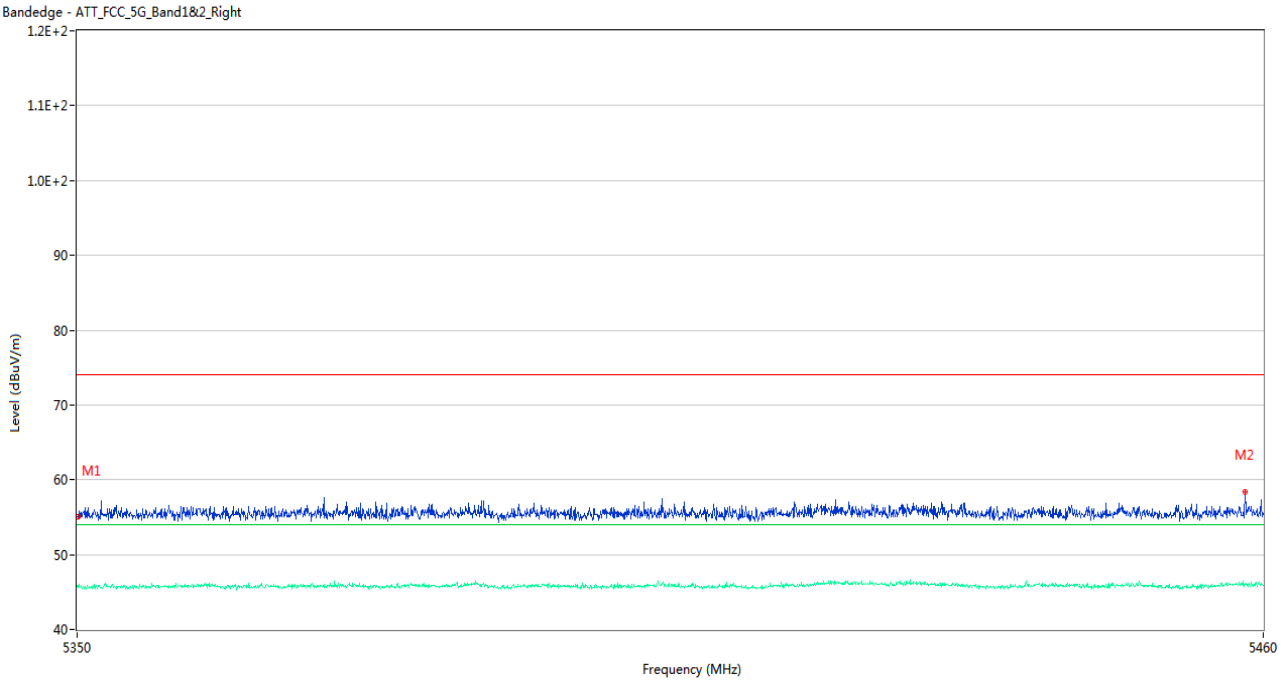
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.15	1.93	74.0	18.85	Peak	278.00	150	Horizontal	Pass
1**	5350.000	45.56	1.93	54.0	8.44	AV	278.00	150	Horizontal	Pass
2	5427.000	57.58	2.51	74.0	16.42	Peak	166.00	100	Horizontal	Pass
2**	5427.000	46.19	2.51	54.0	7.81	AV	166.00	100	Horizontal	Pass

U-NII-1 11n20 Low Channel



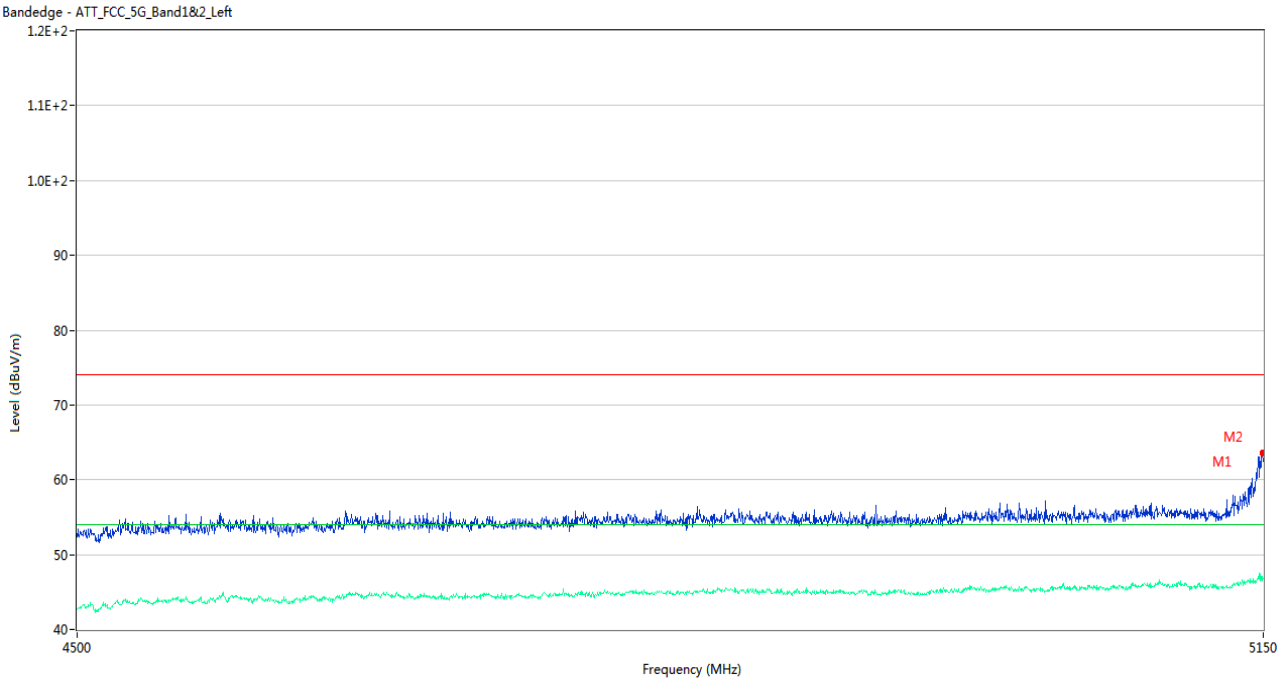
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5092.150	56.99	2.39	74.0	17.01	Peak	334.00	200	Horizontal	Pass
1**	5092.150	46.13	2.39	54.0	7.87	AV	334.00	200	Horizontal	Pass
2	5149.675	56.16	2.07	74.0	17.84	Peak	108.00	150	Horizontal	Pass
2**	5149.675	45.66	2.07	54.0	8.34	AV	108.00	150	Horizontal	Pass

U-NII-1 11n20 High Channel



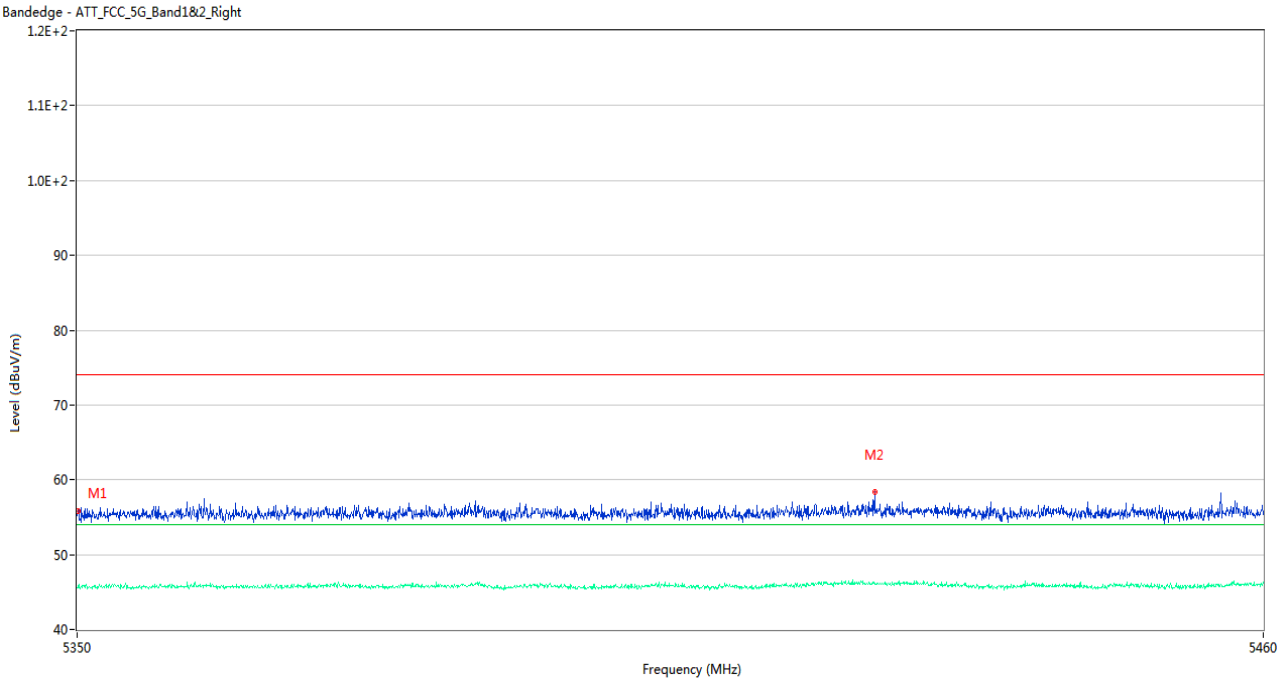
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.07	1.93	74.0	18.93	Peak	303.00	150	Horizontal	Pass
1**	5350.055	45.55	1.93	54.0	8.45	AV	303.00	150	Horizontal	Pass
2	5458.295	58.40	2.45	74.0	15.60	Peak	262.00	200	Horizontal	Pass
2**	5458.295	46.02	2.45	54.0	7.98	AV	262.00	200	Horizontal	Pass

U-NII-1 11n40 Low Channel



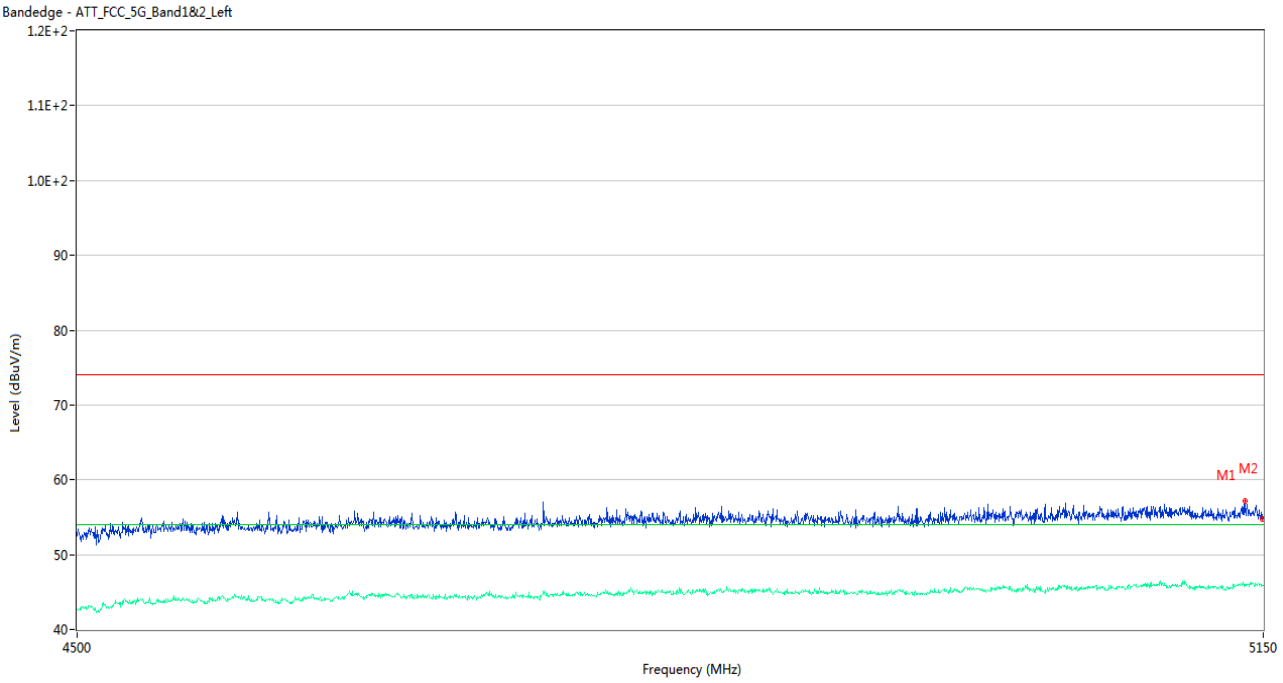
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	63.59	2.05	74.0	10.41	Peak	208.00	150	Horizontal	Pass
1**	5149.350	46.48	2.05	54.0	7.52	AV	208.00	150	Horizontal	Pass
2	5149.675	63.46	2.07	74.0	10.54	Peak	211.00	200	Horizontal	Pass
2**	5149.675	47.13	2.07	54.0	6.87	AV	211.00	200	Horizontal	Pass

U-NII-1 11n40 High Channel



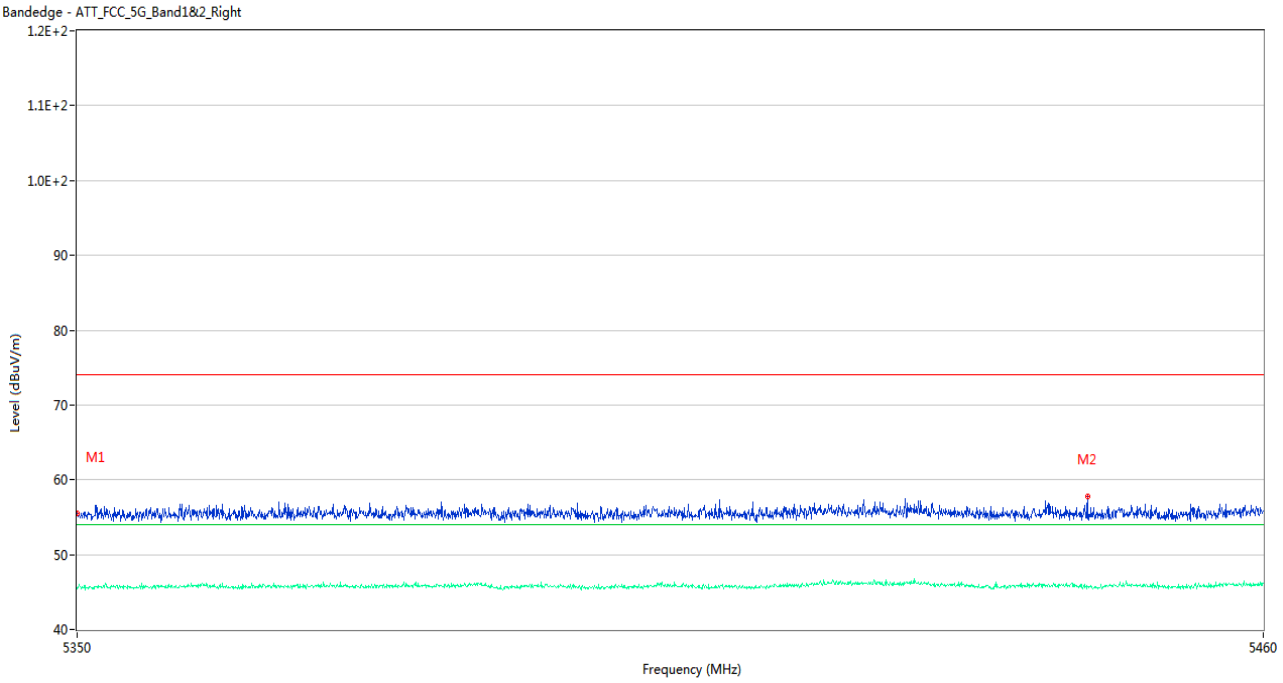
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.78	1.93	74.0	18.22	Peak	262.00	200	Horizontal	Pass
1**	5350.055	45.53	1.93	54.0	8.47	AV	262.00	200	Horizontal	Pass
2	5423.700	58.40	2.42	74.0	15.60	Peak	224.00	100	Horizontal	Pass
2**	5423.700	46.06	2.42	54.0	7.94	AV	224.00	100	Horizontal	Pass

U-NII-1 11ac20 Low Channel



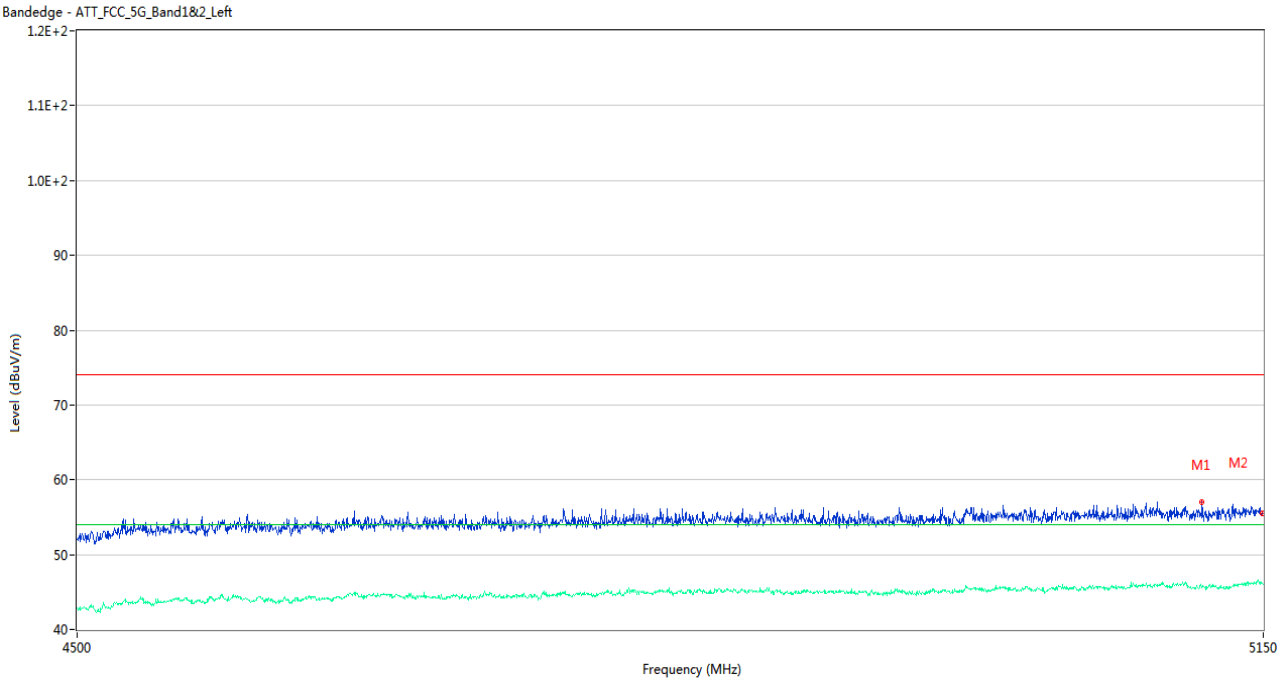
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5139.275	57.14	2.37	74.0	16.86	Peak	158.00	200	Horizontal	Pass
1**	5139.275	45.85	2.37	54.0	8.15	AV	158.00	200	Horizontal	Pass
2	5149.675	54.80	2.07	74.0	19.20	Peak	234.00	150	Horizontal	Pass
2**	5149.675	45.81	2.07	54.0	8.19	AV	234.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel



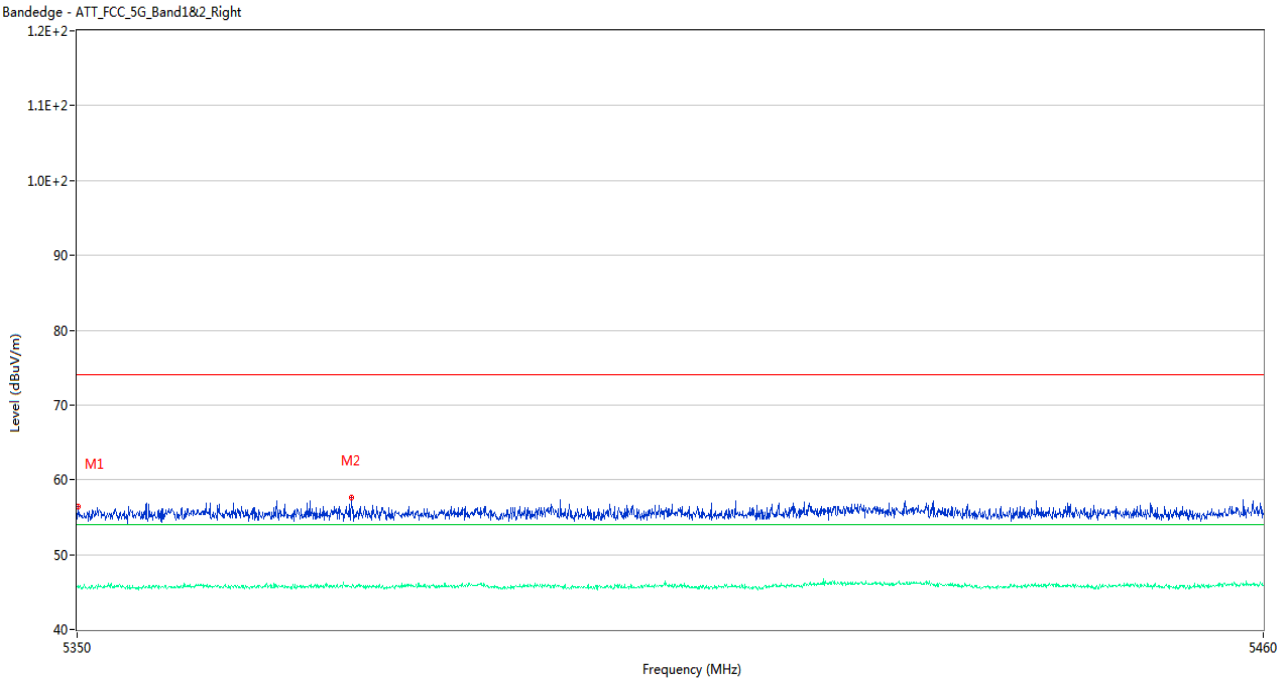
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.51	1.93	74.0	18.49	Peak	218.00	150	Horizontal	Pass
1**	5350.000	45.49	1.93	54.0	8.51	AV	218.00	150	Horizontal	Pass
2	5443.555	57.79	2.16	74.0	16.21	Peak	199.00	100	Horizontal	Pass
2**	5443.555	45.68	2.16	54.0	8.32	AV	199.00	100	Horizontal	Pass

U-NII-1 11ac40 Low Channel



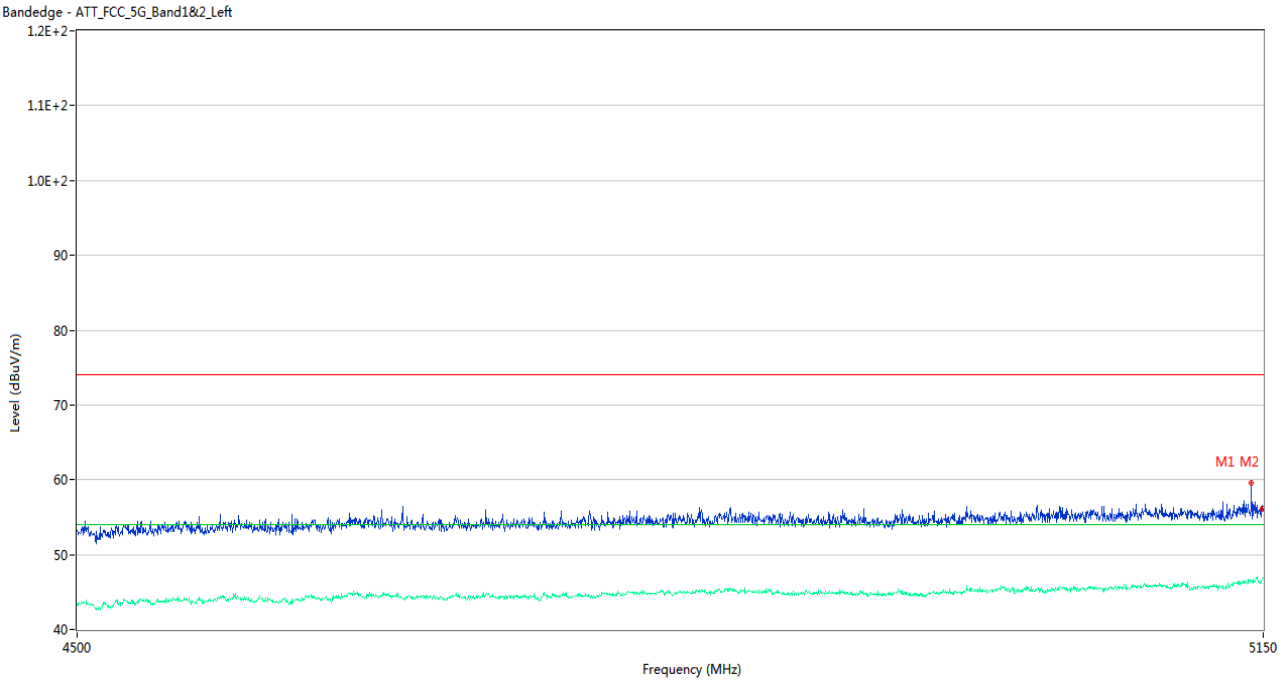
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5114.250	57.00	2.16	74.0	17.00	Peak	296.00	150	Horizontal	Pass
1**	5114.250	45.55	2.16	54.0	8.45	AV	296.00	150	Horizontal	Pass
2	5149.675	55.47	2.07	74.0	18.53	Peak	212.00	200	Horizontal	Pass
2**	5149.675	46.12	2.07	54.0	7.88	AV	212.00	200	Horizontal	Pass

U-NII-1 11ac40 High Channel



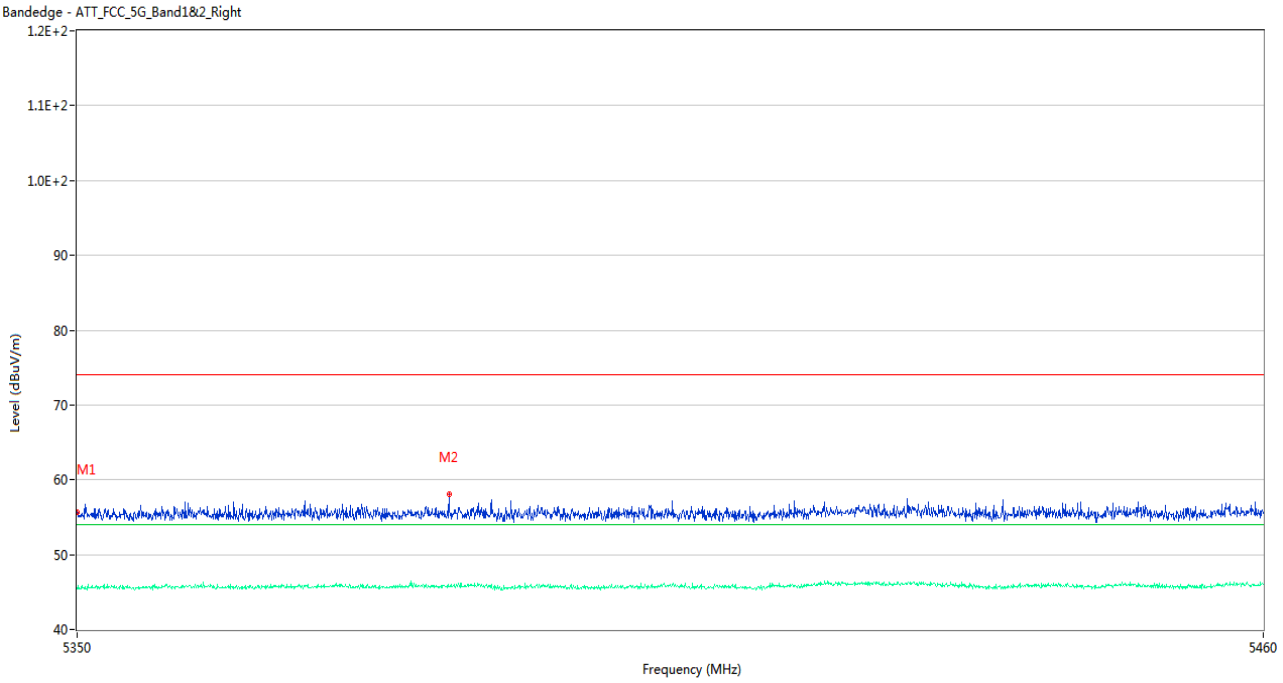
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.40	1.93	74.0	17.60	Peak	103.00	100	Horizontal	Pass
1**	5350.055	45.82	1.93	54.0	8.18	AV	103.00	100	Horizontal	Pass
2	5375.245	57.59	2.24	74.0	16.41	Peak	185.00	150	Horizontal	Pass
2**	5375.245	45.62	2.24	54.0	8.38	AV	185.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



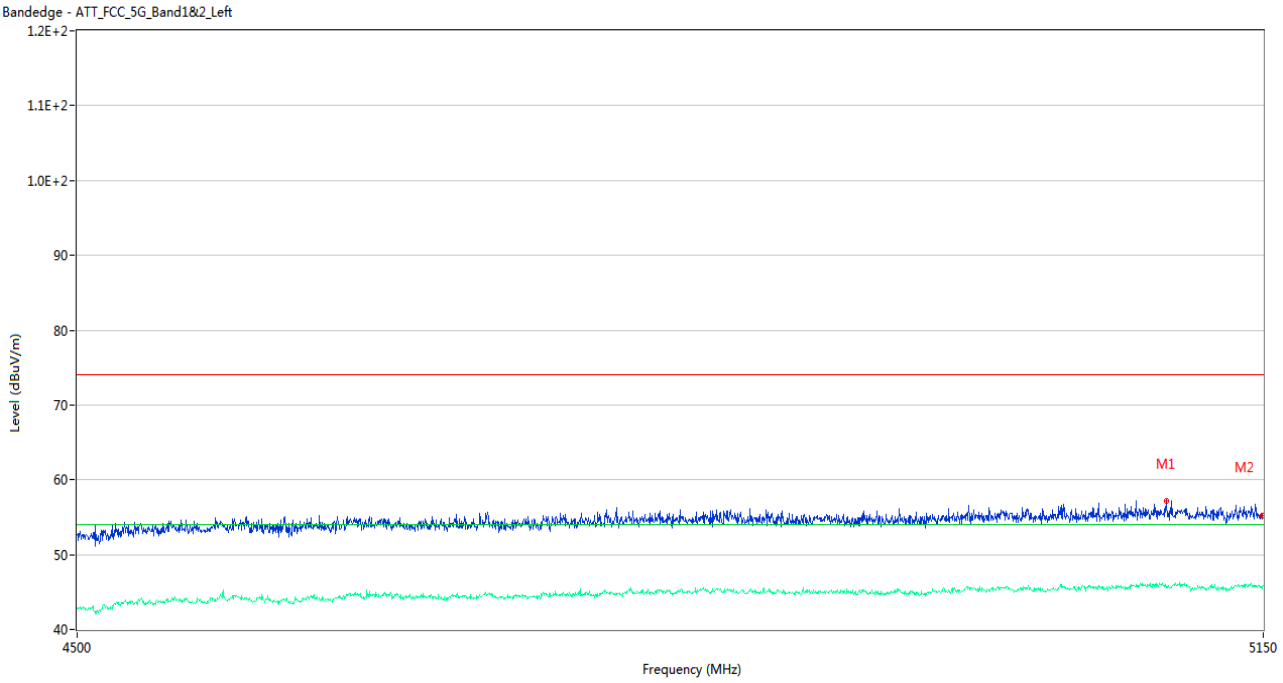
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5143.175	59.66	2.40	74.0	14.34	Peak	176.00	150	Horizontal	Pass
1**	5143.175	46.39	2.40	54.0	7.61	AV	176.00	150	Horizontal	Pass
2	5149.675	56.13	2.07	74.0	17.87	Peak	223.00	100	Horizontal	Pass
2**	5149.675	46.84	2.07	54.0	7.16	AV	223.00	100	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



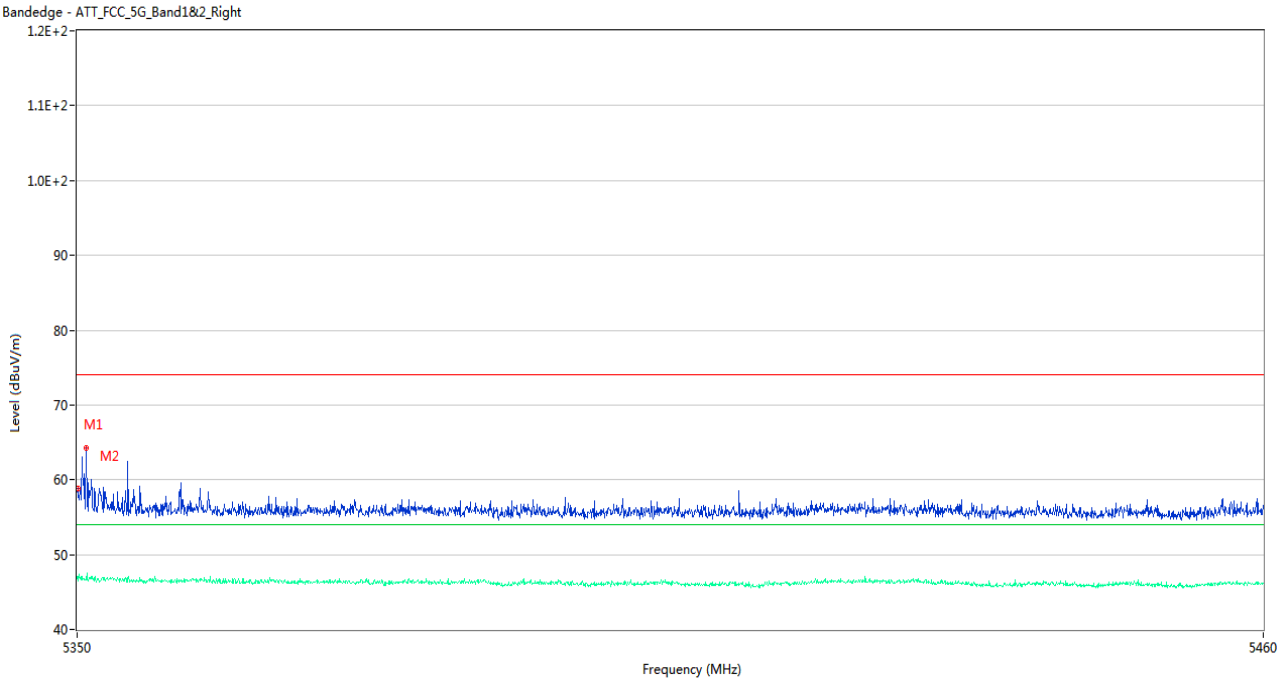
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.60	1.93	74.0	18.40	Peak	116.00	200	Horizontal	Pass
1**	5350.000	45.40	1.93	54.0	8.60	AV	116.00	200	Horizontal	Pass
2	5384.265	58.08	2.19	74.0	15.92	Peak	237.00	150	Horizontal	Pass
2**	5384.265	45.74	2.19	54.0	8.26	AV	237.00	150	Horizontal	Pass

U-NII-2A 11a Low Channel



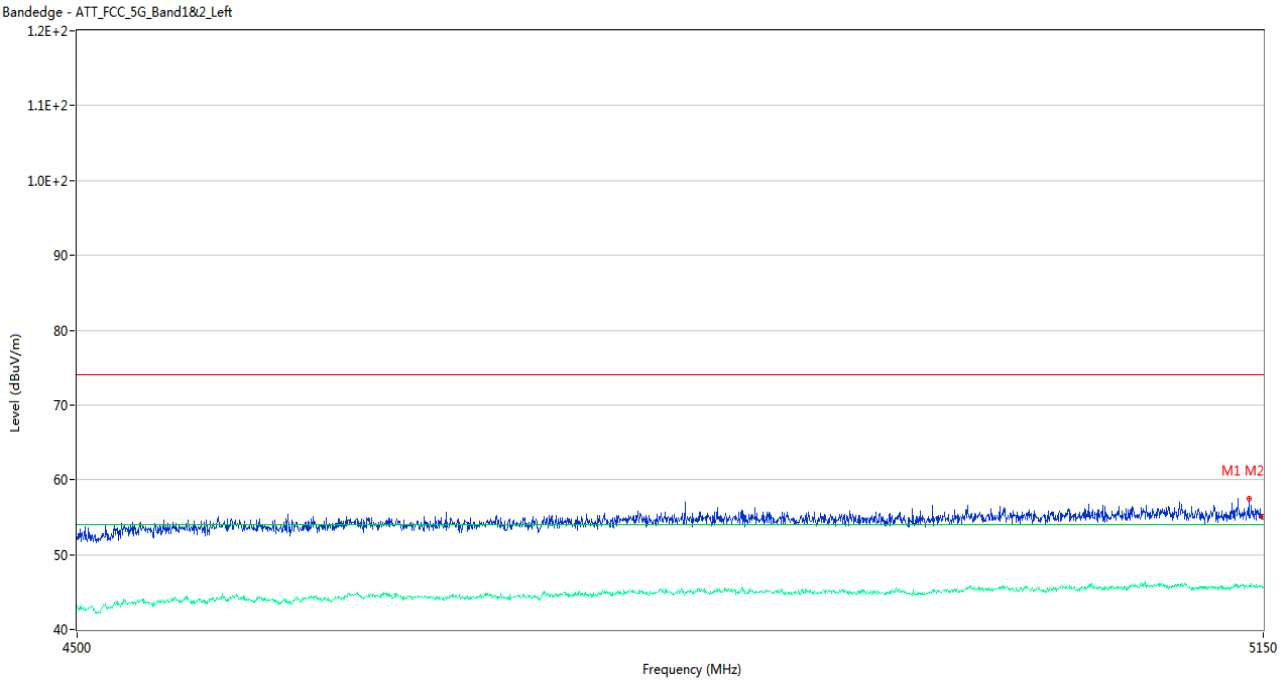
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5093.450	57.14	2.27	74.0	16.86	Peak	51.00	150	Horizontal	Pass
1**	5093.450	45.66	2.27	54.0	8.34	AV	51.00	150	Horizontal	Pass
2	5149.675	55.22	2.07	74.0	18.78	Peak	19.00	100	Horizontal	Pass
2**	5149.675	45.58	2.07	54.0	8.42	AV	19.00	100	Horizontal	Pass

U-NII-2A 11a High Channel



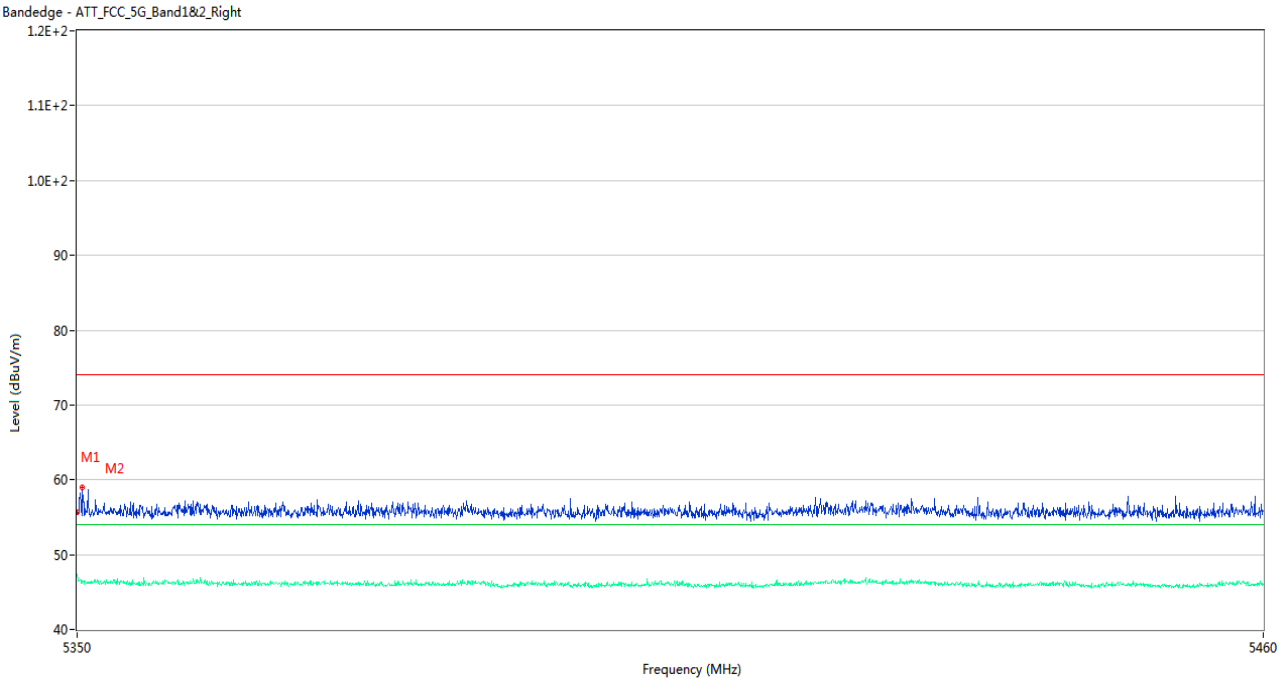
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	58.81	1.93	74.0	15.19	Peak	312.00	200	Horizontal	Pass
1**	5350.055	46.44	1.93	54.0	7.56	AV	312.00	200	Horizontal	Pass
2	5350.825	64.21	1.88	74.0	9.79	Peak	232.00	150	Horizontal	Pass
2**	5350.825	46.56	1.88	54.0	7.44	AV	232.00	150	Horizontal	Pass

U-NII-2A 11n20 Low Channel



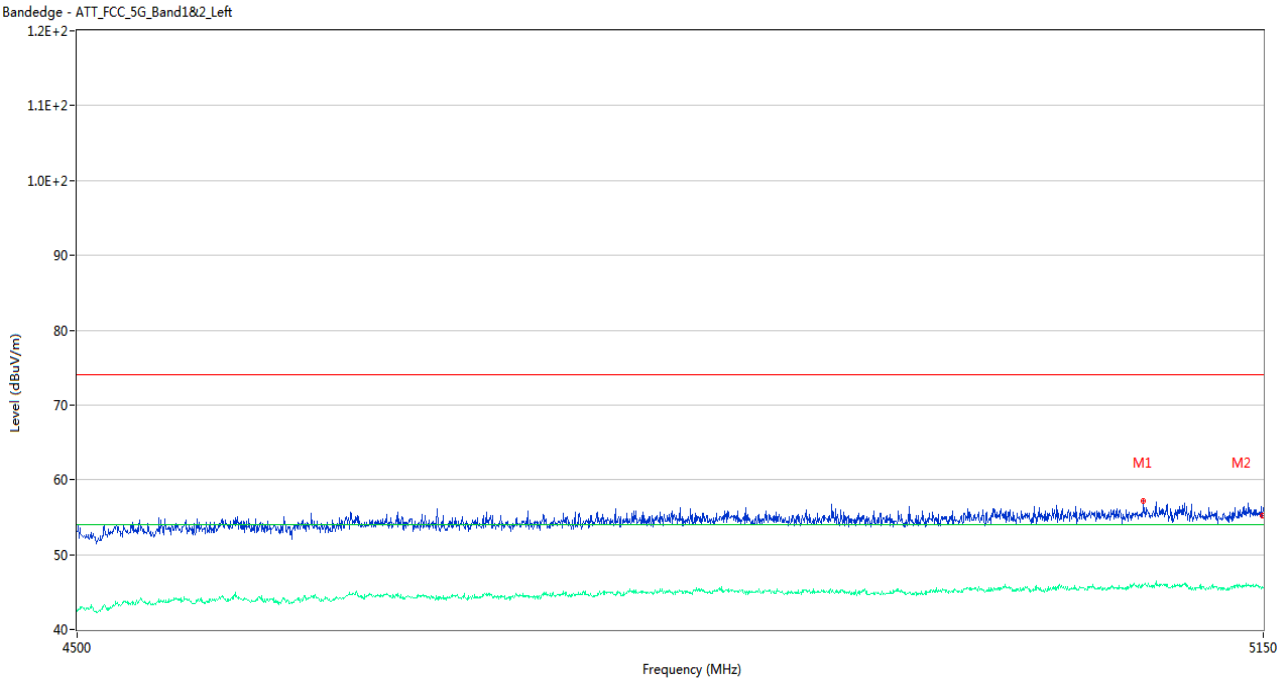
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.550	57.48	2.40	74.0	16.52	Peak	139.00	150	Horizontal	Pass
1**	5141.550	45.69	2.40	54.0	8.31	AV	139.00	150	Horizontal	Pass
2	5149.675	55.04	2.07	74.0	18.96	Peak	170.00	100	Horizontal	Pass
2**	5149.675	45.76	2.07	54.0	8.24	AV	170.00	100	Horizontal	Pass

U-NII-2A 11n20 High Channel



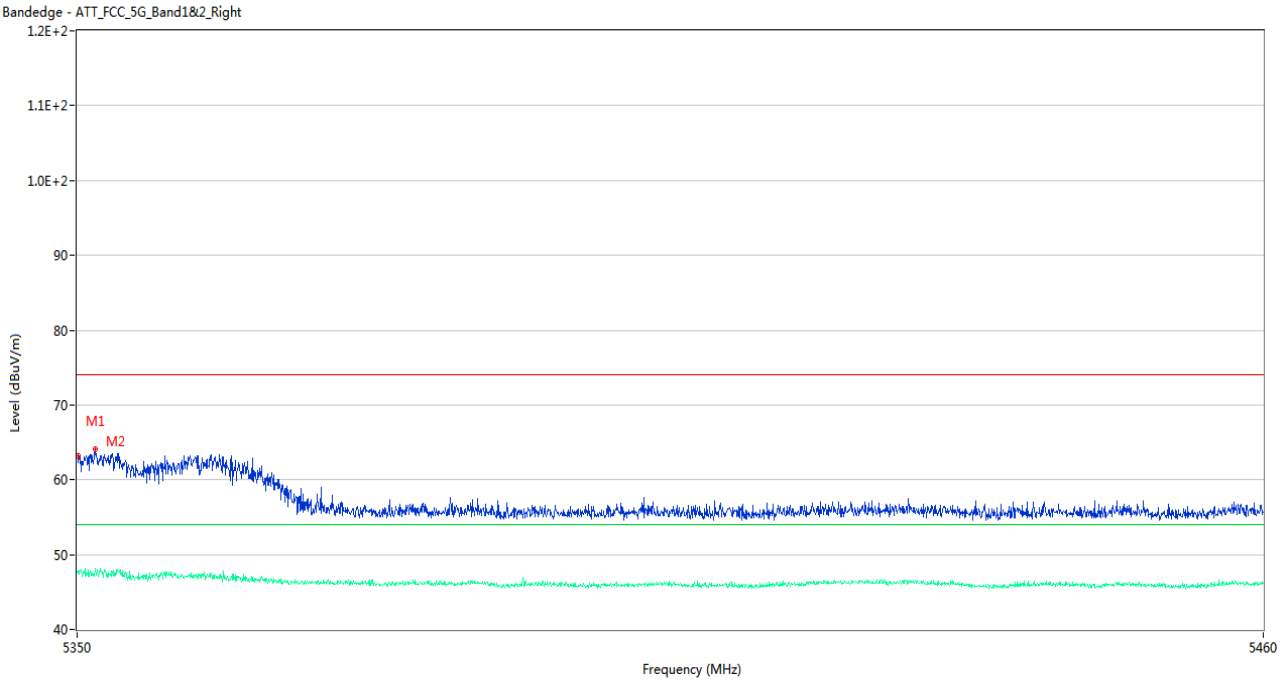
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.61	1.93	74.0	18.39	Peak	205.00	150	Horizontal	Pass
1**	5350.000	47.45	1.93	54.0	6.55	AV	205.00	150	Horizontal	Pass
2	5350.495	59.04	1.90	74.0	14.96	Peak	209.00	150	Horizontal	Pass
2**	5350.495	46.55	1.90	54.0	7.45	AV	209.00	150	Horizontal	Pass

U-NII-2A 11n40 Low Channel



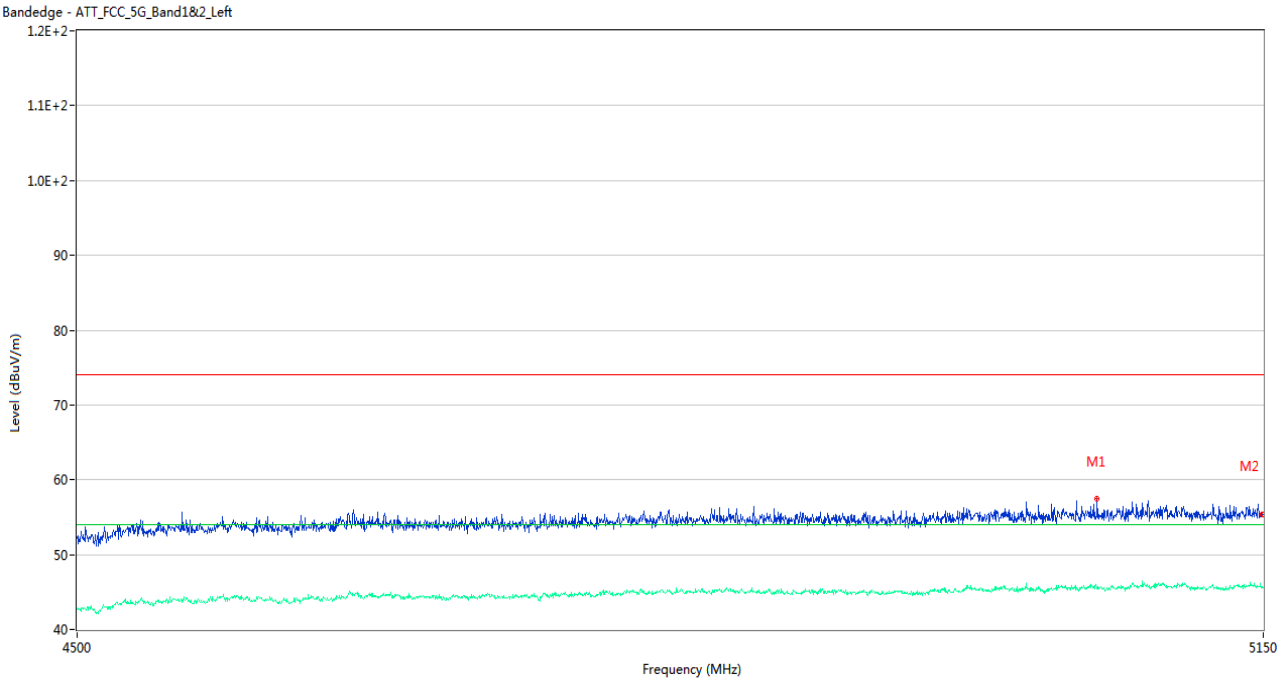
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5080.450	57.23	2.37	74.0	16.77	Peak	110.00	200	Horizontal	Pass
1**	5080.450	45.94	2.37	54.0	8.06	AV	110.00	200	Horizontal	Pass
2	5149.675	55.21	2.07	74.0	18.79	Peak	137.00	150	Horizontal	Pass
2**	5149.675	45.62	2.07	54.0	8.38	AV	137.00	150	Horizontal	Pass

U-NII-2A 11n40 High Channel



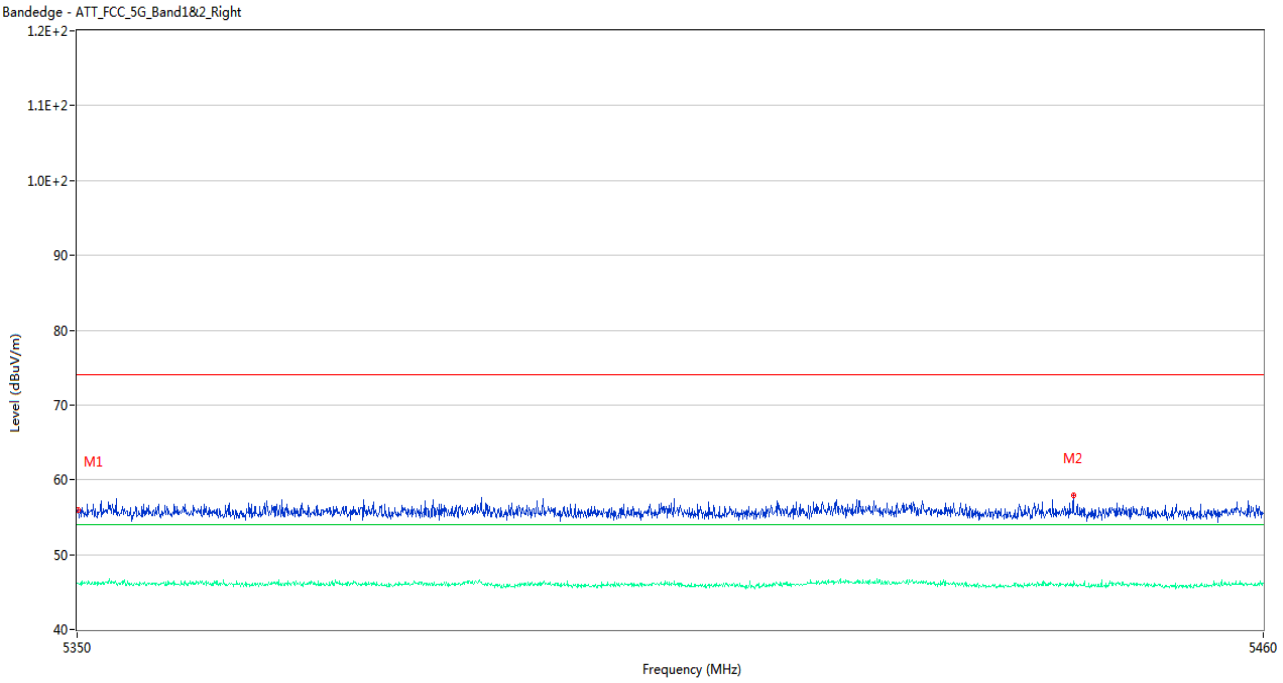
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	63.20	1.93	74.0	10.80	Peak	238.00	200	Horizontal	Pass
1**	5350.055	47.80	1.93	54.0	6.20	AV	238.00	200	Horizontal	Pass
2	5351.650	64.11	1.99	74.0	9.89	Peak	215.00	100	Horizontal	Pass
2**	5351.650	47.73	1.99	54.0	6.27	AV	215.00	100	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



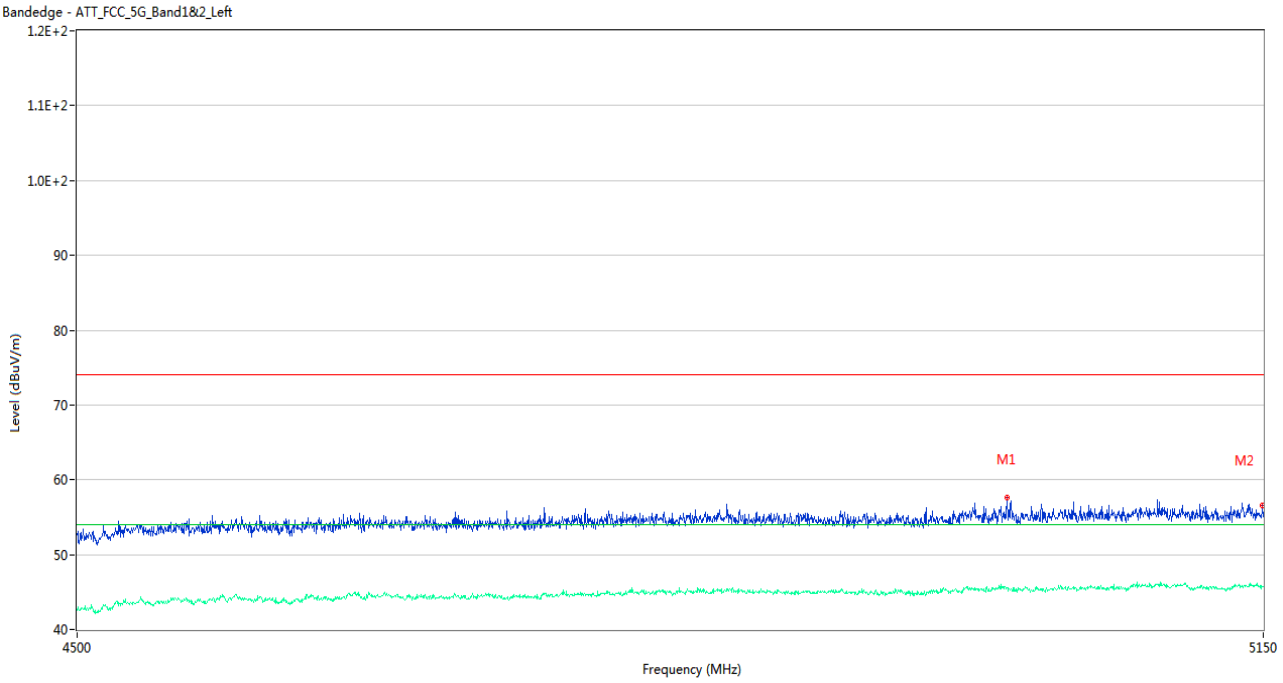
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5053.475	57.41	1.99	74.0	16.59	Peak	288.00	150	Horizontal	Pass
1**	5053.475	45.44	1.99	54.0	8.56	AV	288.00	150	Horizontal	Pass
2	5149.675	55.38	2.07	74.0	18.62	Peak	4.00	100	Horizontal	Pass
2**	5149.675	45.63	2.07	54.0	8.37	AV	4.00	100	Horizontal	Pass

U-NII-2A 11ac20 High Channel



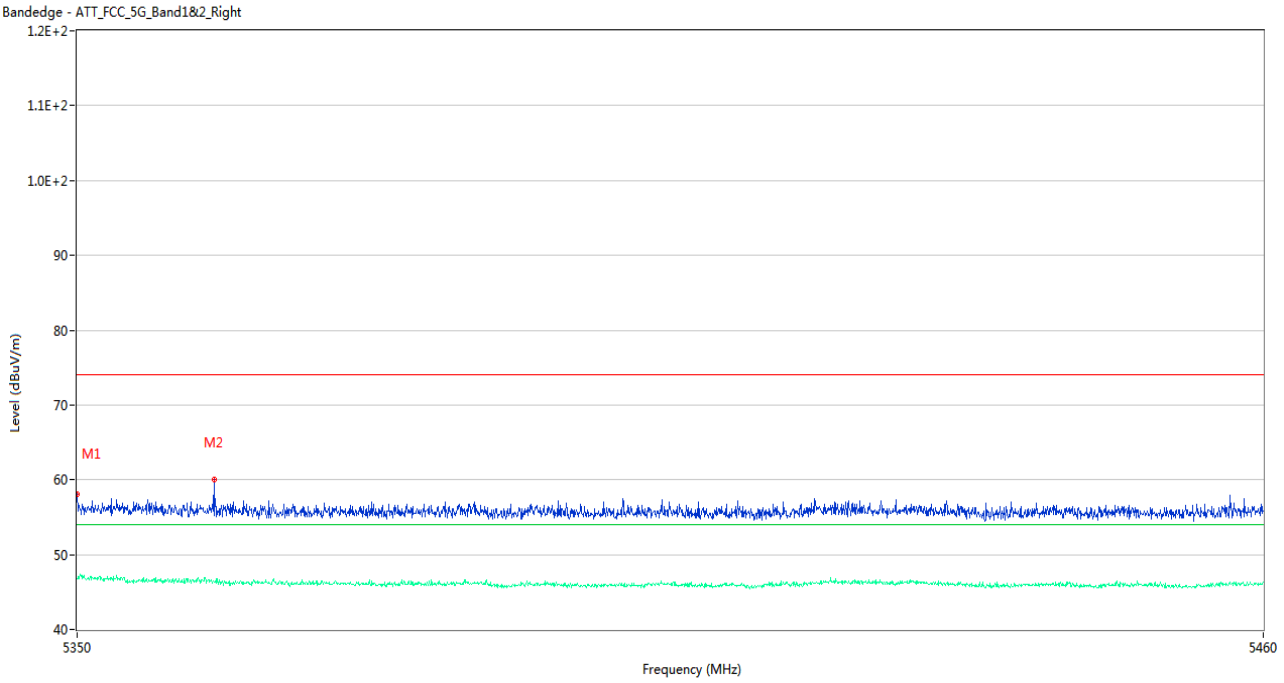
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.03	1.93	74.0	17.97	Peak	233.00	100	Horizontal	Pass
1**	5350.055	46.15	1.93	54.0	7.85	AV	233.00	100	Horizontal	Pass
2	5442.235	57.90	2.28	74.0	16.10	Peak	185.00	200	Horizontal	Pass
2**	5442.235	45.90	2.28	54.0	8.10	AV	185.00	200	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



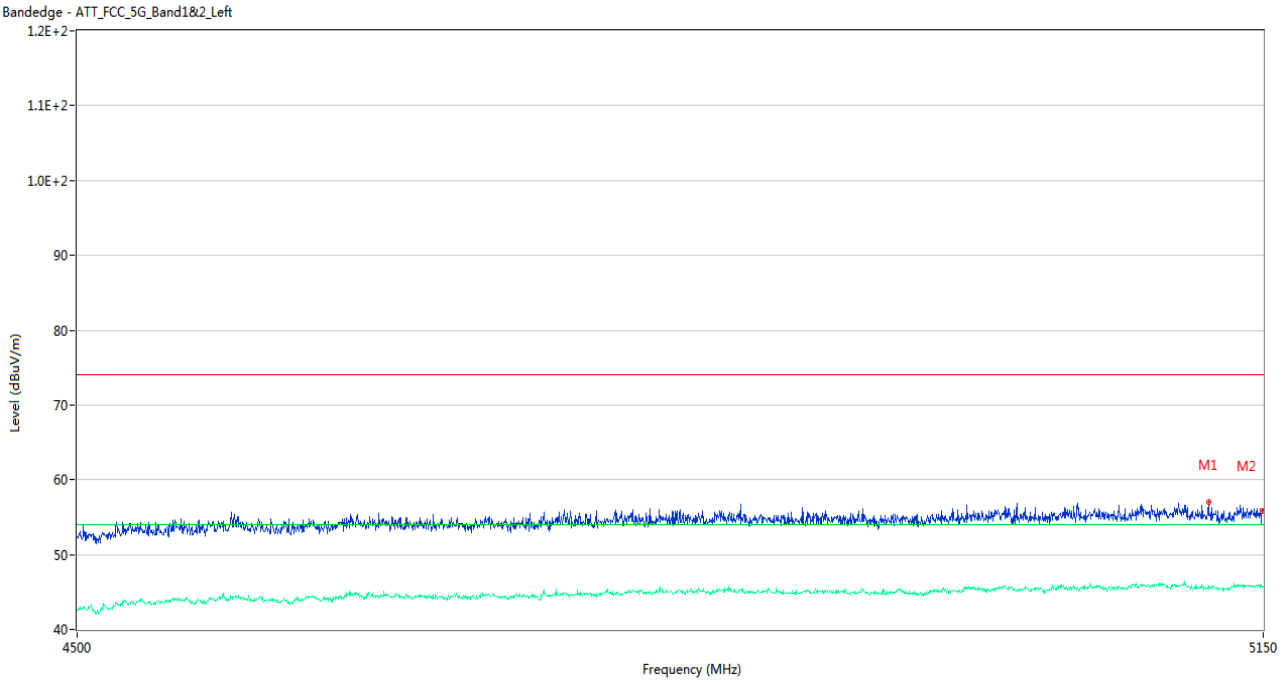
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5002.125	57.68	2.04	74.0	16.32	Peak	360.00	200	Horizontal	Pass
1**	5002.125	45.50	2.04	54.0	8.50	AV	360.00	200	Horizontal	Pass
2	5149.675	56.56	2.07	74.0	17.44	Peak	197.00	200	Horizontal	Pass
2**	5149.675	45.68	2.07	54.0	8.32	AV	197.00	200	Horizontal	Pass

U-NII-2A 11ac40 High Channel



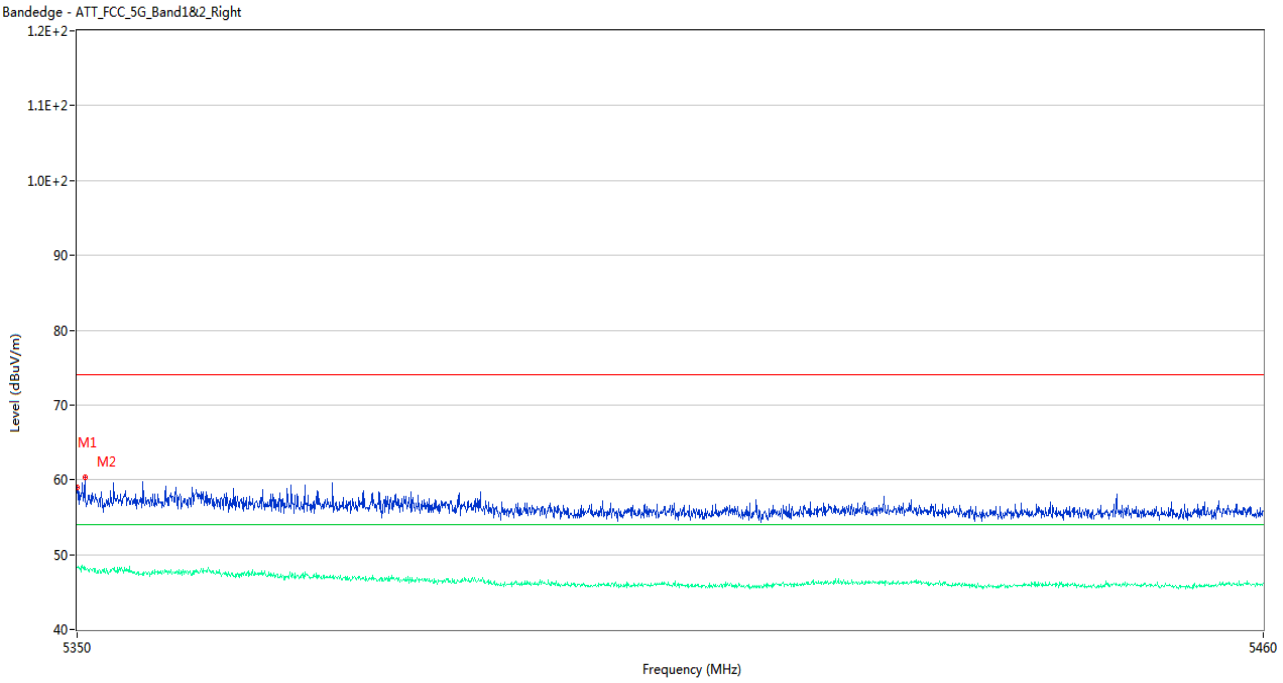
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.10	1.93	74.0	15.90	Peak	224.00	100	Horizontal	Pass
1**	5350.000	46.79	1.93	54.0	7.21	AV	224.00	100	Horizontal	Pass
2	5362.595	60.05	2.26	74.0	13.95	Peak	218.00	150	Horizontal	Pass
2**	5362.595	46.40	2.26	54.0	7.60	AV	218.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



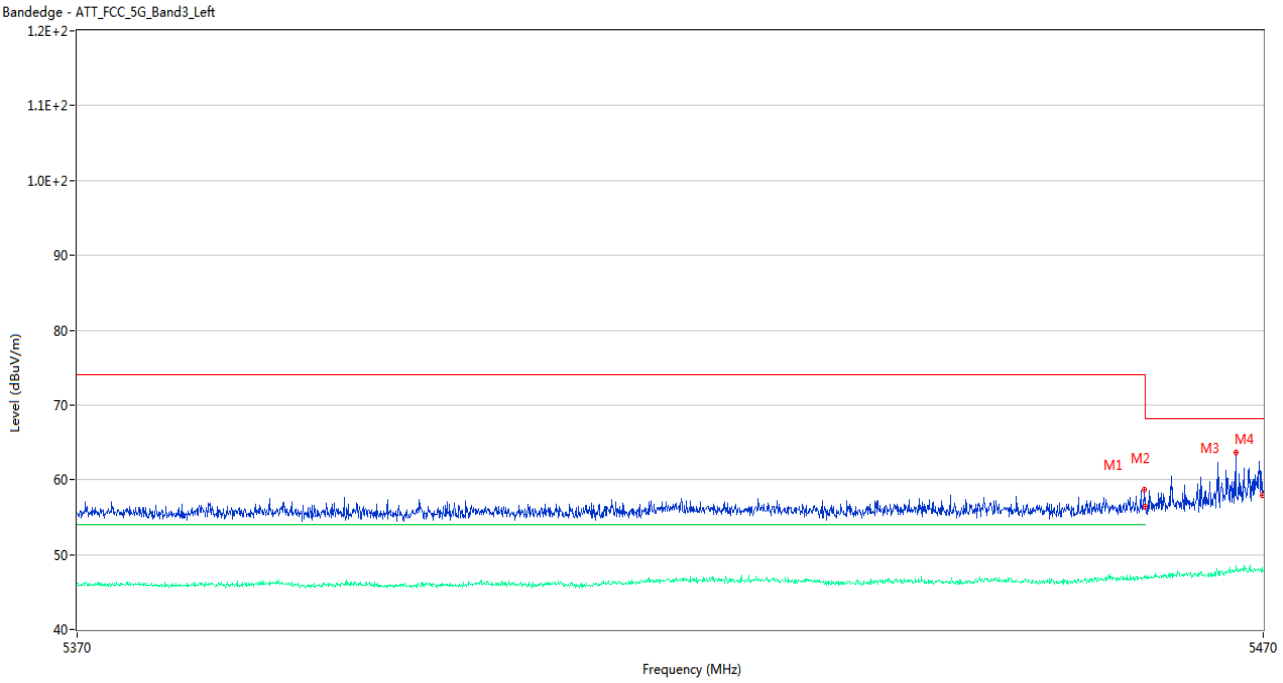
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5118.150	57.02	2.10	74.0	16.98	Peak	341.00	100	Horizontal	Pass
1**	5118.150	45.92	2.10	54.0	8.08	AV	341.00	100	Horizontal	Pass
2	5149.675	55.79	2.07	74.0	18.21	Peak	105.00	150	Horizontal	Pass
2**	5149.675	45.54	2.07	54.0	8.46	AV	105.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



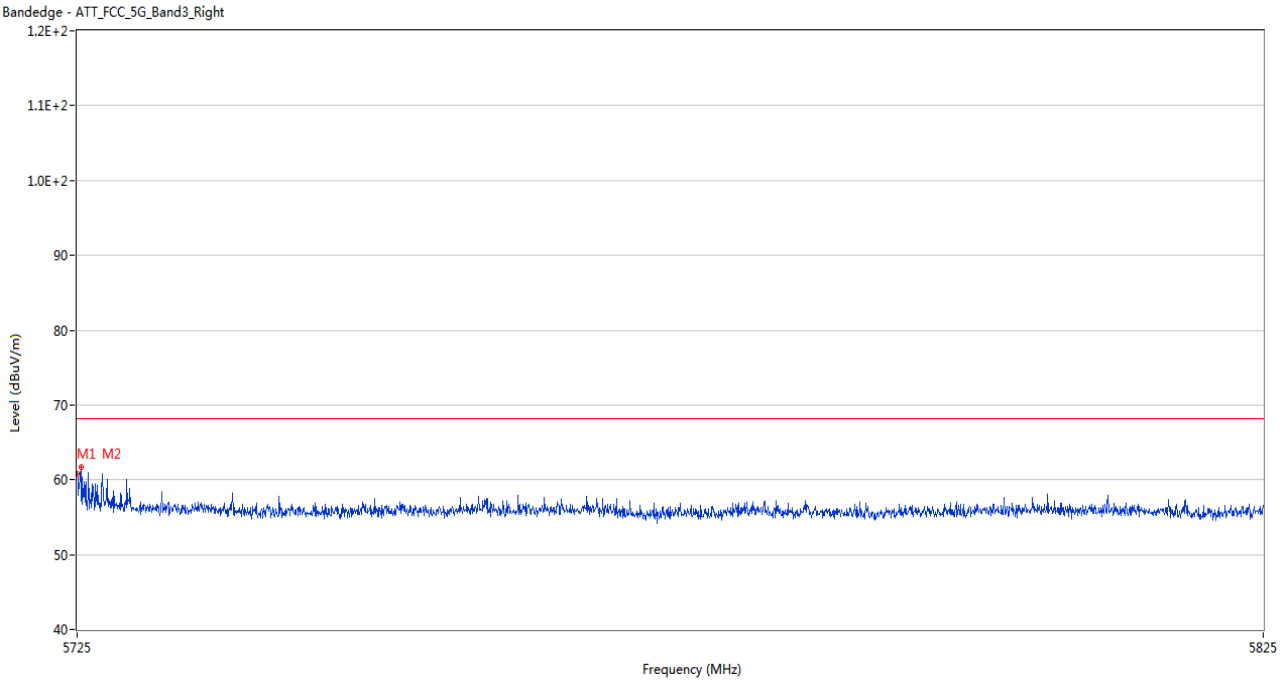
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.96	1.93	74.0	15.04	Peak	238.00	100	Horizontal	Pass
1**	5350.000	48.23	1.93	54.0	5.77	AV	238.00	100	Horizontal	Pass
2	5350.715	60.37	1.89	74.0	13.63	Peak	298.00	150	Horizontal	Pass
2**	5350.715	48.28	1.89	54.0	5.72	AV	298.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel



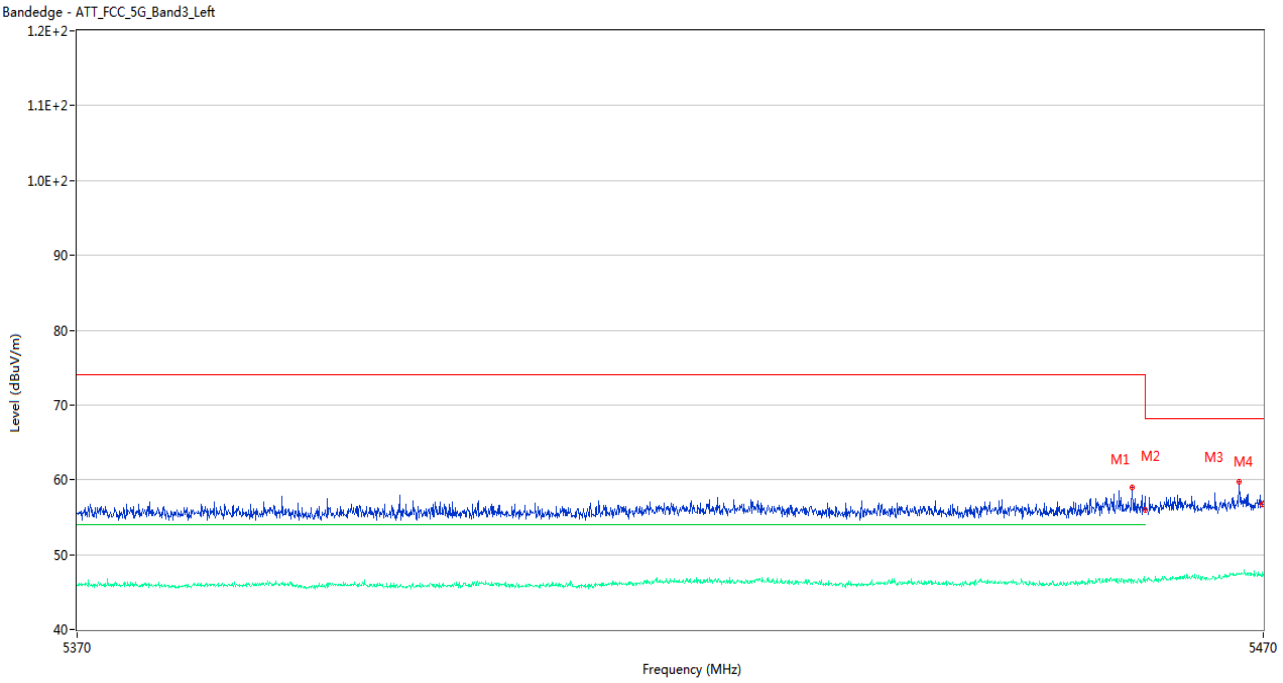
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.850	58.66	2.48	74.0	15.34	Peak	221.00	150	Horizontal	Pass
1**	5459.850	46.99	2.48	54.0	7.01	AV	221.00	150	Horizontal	Pass
2	5460.000	56.42	2.50	74.0	17.58	Peak	187.00	150	Horizontal	Pass
2**	5460.000	46.98	2.50	54.0	7.02	AV	187.00	150	Horizontal	Pass
3	5467.650	63.72	3.14	68.2	4.48	Peak	236.00	150	Horizontal	Pass
3**	5467.650	47.84	3.14	--	--	AV	236.00	150	Horizontal	N/A
4	5469.950	57.95	2.87	68.2	10.25	Peak	309.00	100	Horizontal	Pass
4**	5469.950	47.64	2.87	--	--	AV	309.00	100	Horizontal	N/A

U-NII-2C 11a High Channel



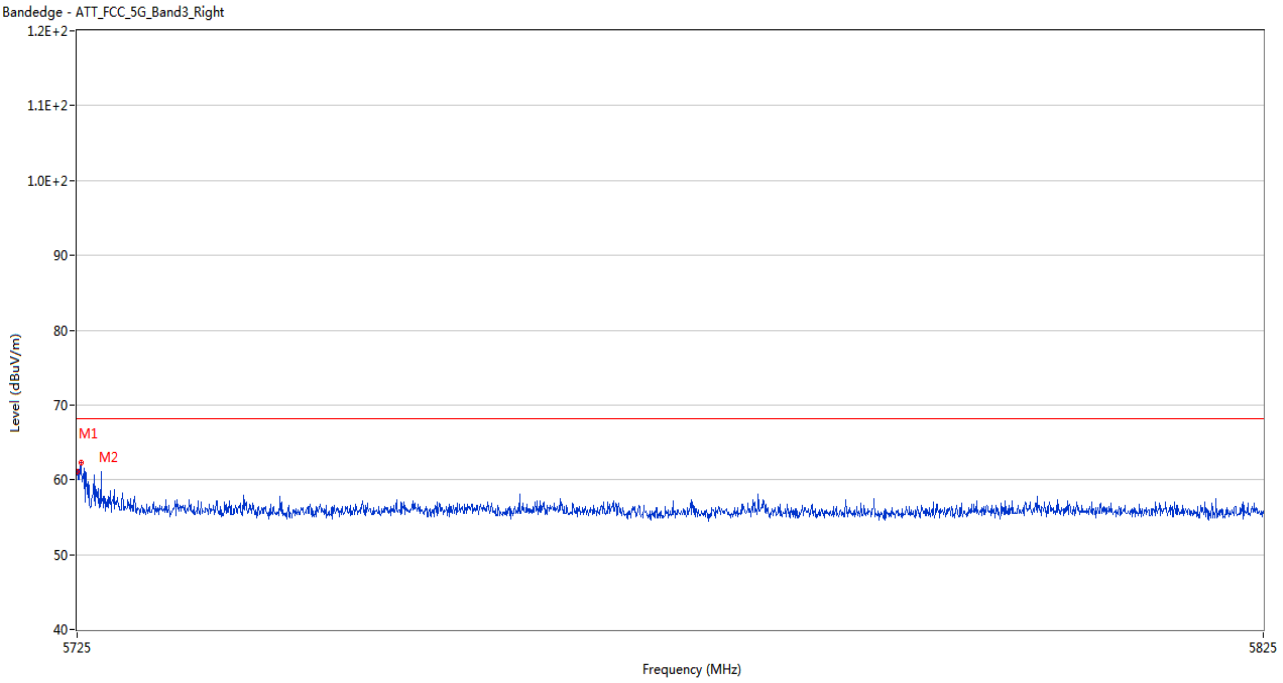
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	60.77	2.55	68.2	7.43	Peak	194.00	200	Horizontal	Pass
2	5725.300	61.71	2.54	68.2	6.49	Peak	309.00	200	Horizontal	Pass

U-NII-2C 11n20 Low Channel



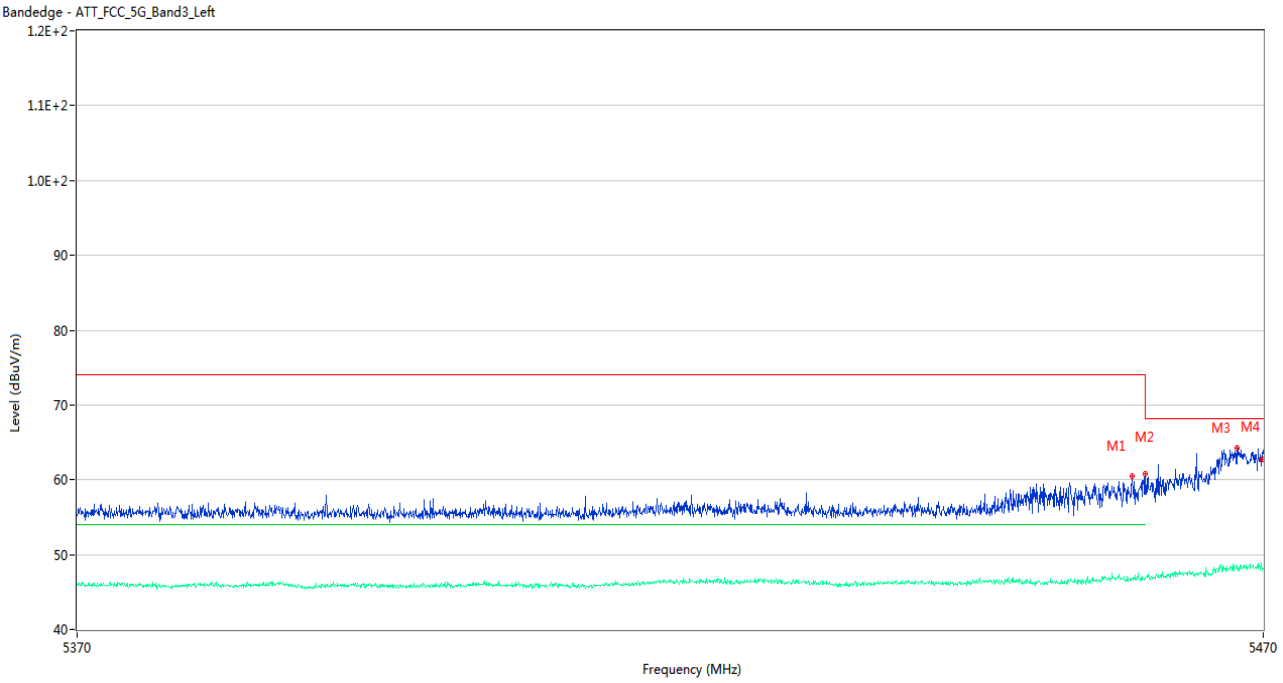
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.850	58.98	2.42	74.0	15.02	Peak	196.00	100	Horizontal	Pass
1**	5458.850	46.59	2.42	54.0	7.41	AV	196.00	100	Horizontal	Pass
2	5460.000	55.92	2.50	74.0	18.08	Peak	196.00	200	Horizontal	Pass
2**	5460.000	46.64	2.50	54.0	7.36	AV	196.00	200	Horizontal	Pass
3	5467.950	59.77	3.13	68.2	8.43	Peak	204.00	150	Horizontal	Pass
3**	5467.950	47.42	3.13	--	--	AV	204.00	150	Horizontal	N/A
4	5469.950	56.67	2.87	68.2	11.53	Peak	228.00	200	Horizontal	Pass
4**	5469.950	47.65	2.87	--	--	AV	228.00	200	Horizontal	N/A

U-NII-2C 11n20 High Channel



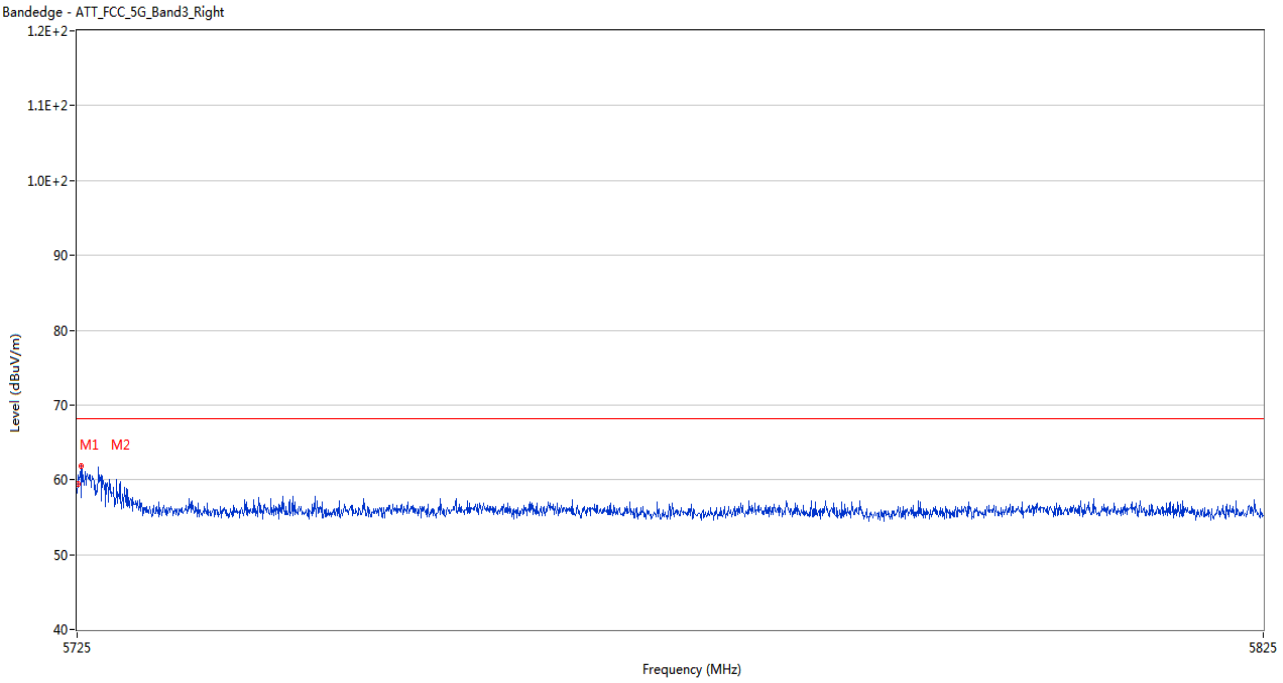
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.06	2.55	68.2	7.14	Peak	179.00	150	Horizontal	Pass
2	5725.300	62.36	2.54	68.2	5.84	Peak	202.00	200	Horizontal	Pass

U-NII-2C 11n40 Low Channel



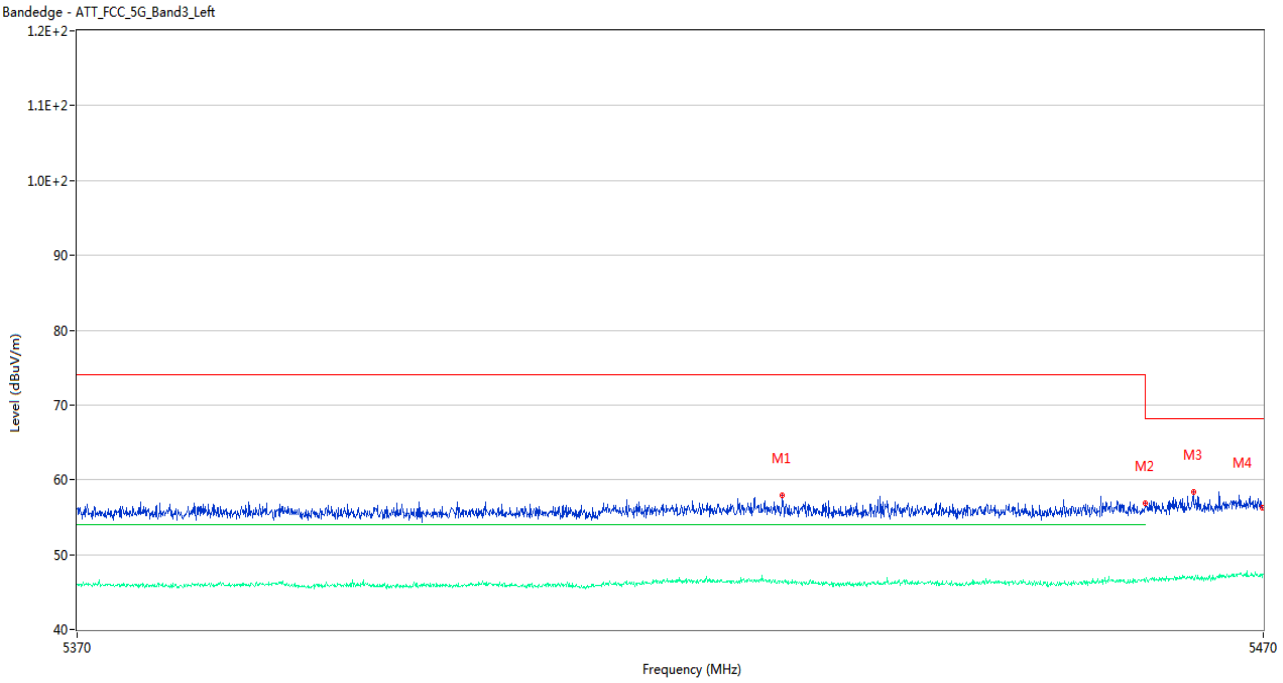
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.850	60.46	2.42	74.0	13.54	Peak	214.00	200	Horizontal	Pass
1**	5458.850	46.79	2.42	54.0	7.21	AV	214.00	200	Horizontal	Pass
2	5460.000	60.74	2.50	74.0	13.26	Peak	212.00	200	Horizontal	Pass
2**	5460.000	46.79	2.50	54.0	7.21	AV	212.00	200	Horizontal	Pass
3	5467.750	64.21	3.16	68.2	3.99	Peak	241.00	150	Horizontal	Pass
3**	5467.750	48.16	3.16	--	--	AV	241.00	150	Horizontal	N/A
4	5469.950	62.77	2.87	68.2	5.43	Peak	230.00	150	Horizontal	Pass
4**	5469.950	47.86	2.87	--	--	AV	230.00	150	Horizontal	N/A

U-NII-2C 11n40 High Channel



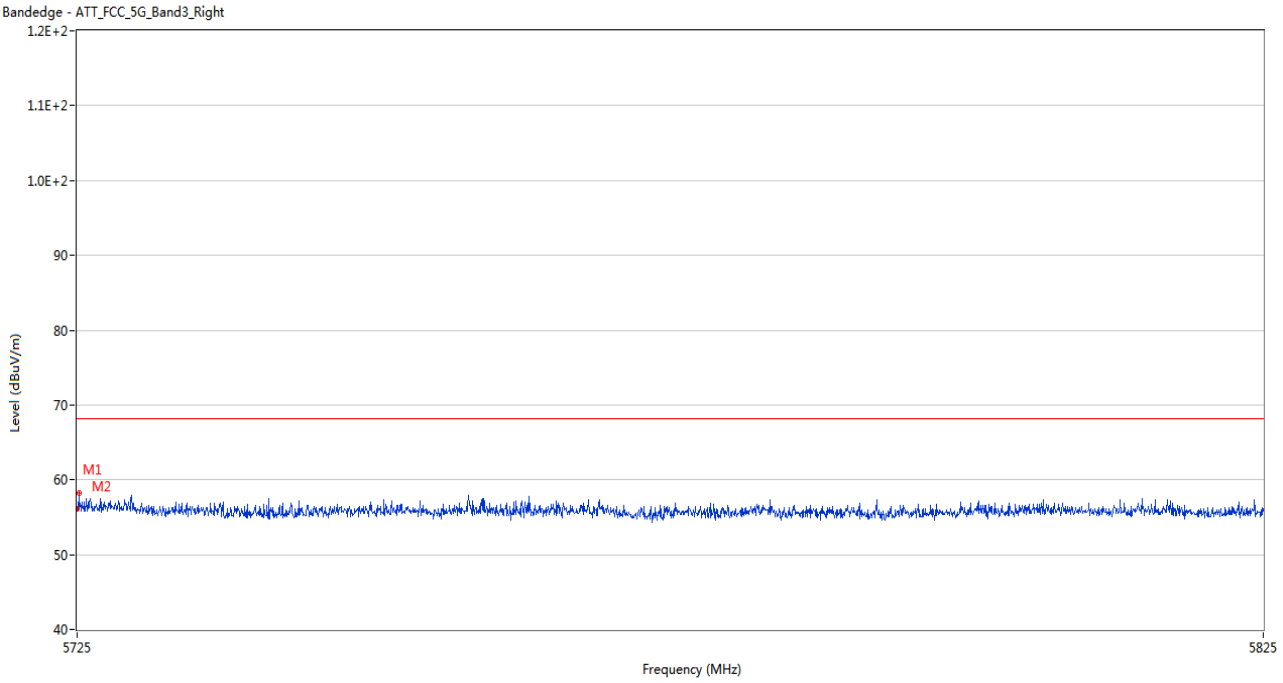
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	59.50	2.55	68.2	8.70	Peak	192.00	150	Horizontal	Pass
2	5725.300	61.85	2.54	68.2	6.35	Peak	201.00	200	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



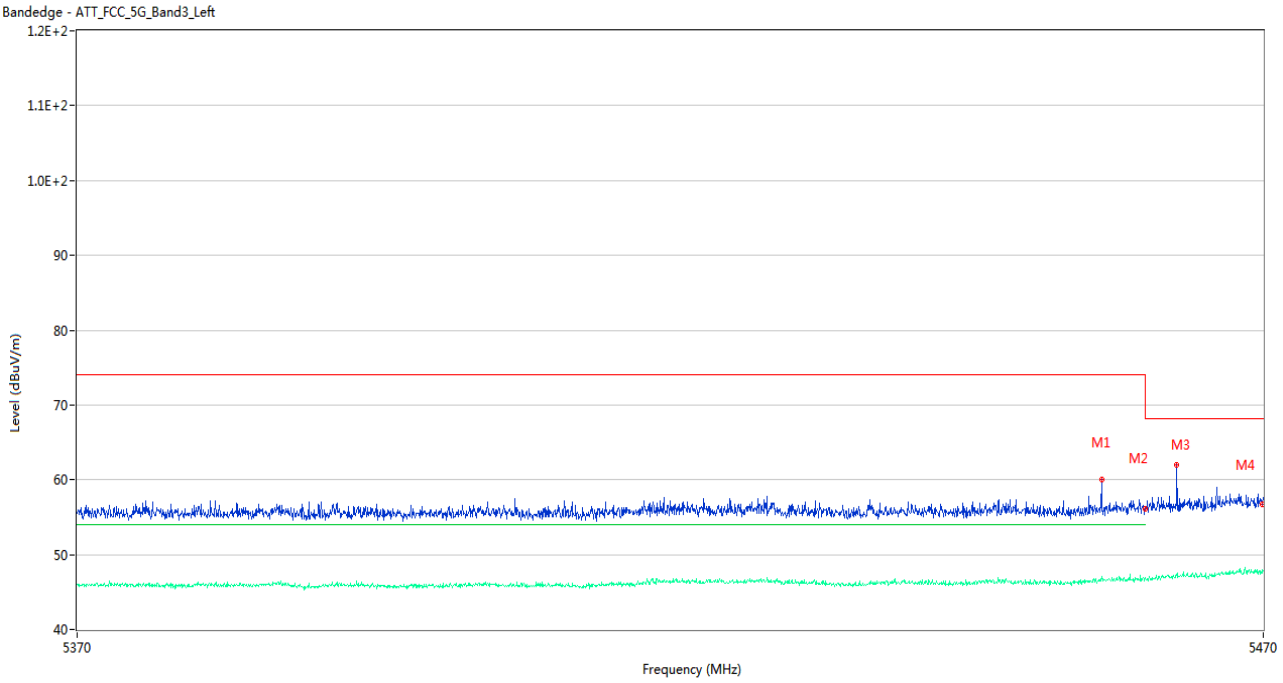
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5429.250	57.88	2.33	74.0	16.12	Peak	340.00	100	Horizontal	Pass
1**	5429.250	46.42	2.33	54.0	7.58	AV	340.00	100	Horizontal	Pass
2	5460.000	56.89	2.50	74.0	17.11	Peak	317.00	200	Horizontal	Pass
2**	5460.000	46.31	2.50	54.0	7.69	AV	317.00	200	Horizontal	Pass
3	5464.050	58.38	2.78	68.2	9.82	Peak	241.00	150	Horizontal	Pass
3**	5464.050	46.68	2.78	--	--	AV	241.00	150	Horizontal	N/A
4	5469.950	56.23	2.87	68.2	11.97	Peak	170.00	200	Horizontal	Pass
4**	5469.950	47.42	2.87	--	--	AV	170.00	200	Horizontal	N/A

U-NII-2C 11ac20 High Channel



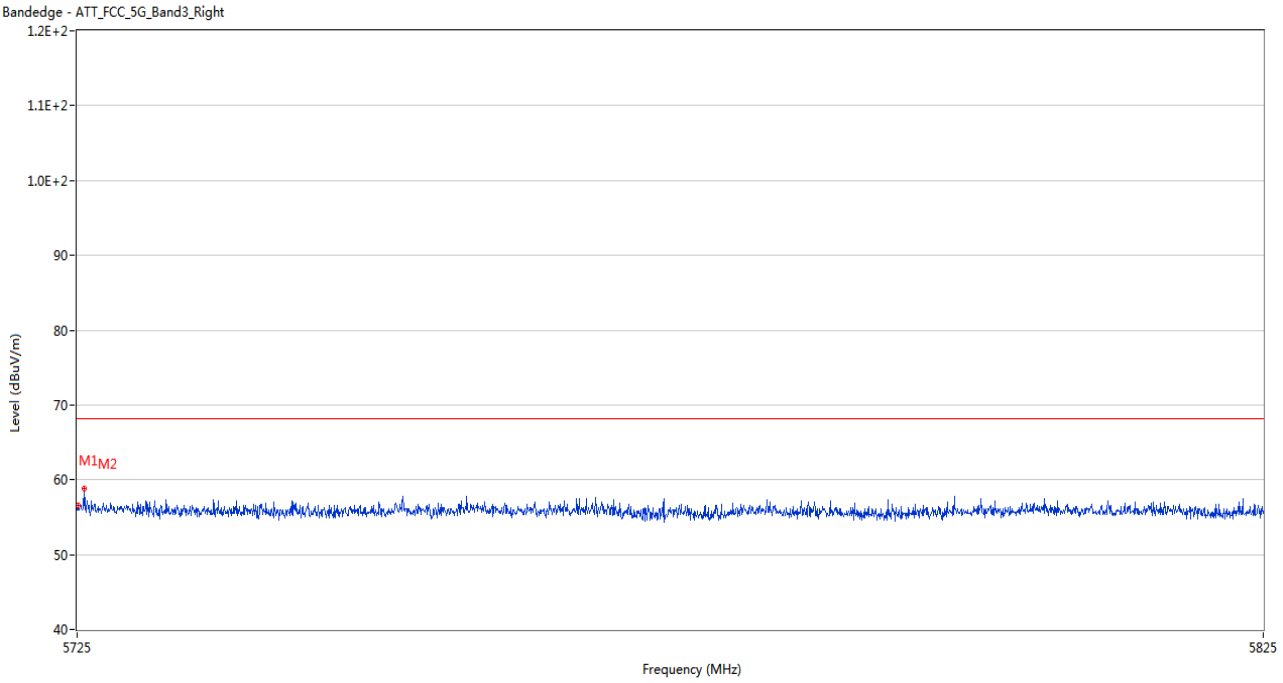
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.20	2.55	68.2	12.00	Peak	81.00	200	Horizontal	Pass
2	5725.150	58.20	2.55	68.2	10.00	Peak	230.00	200	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



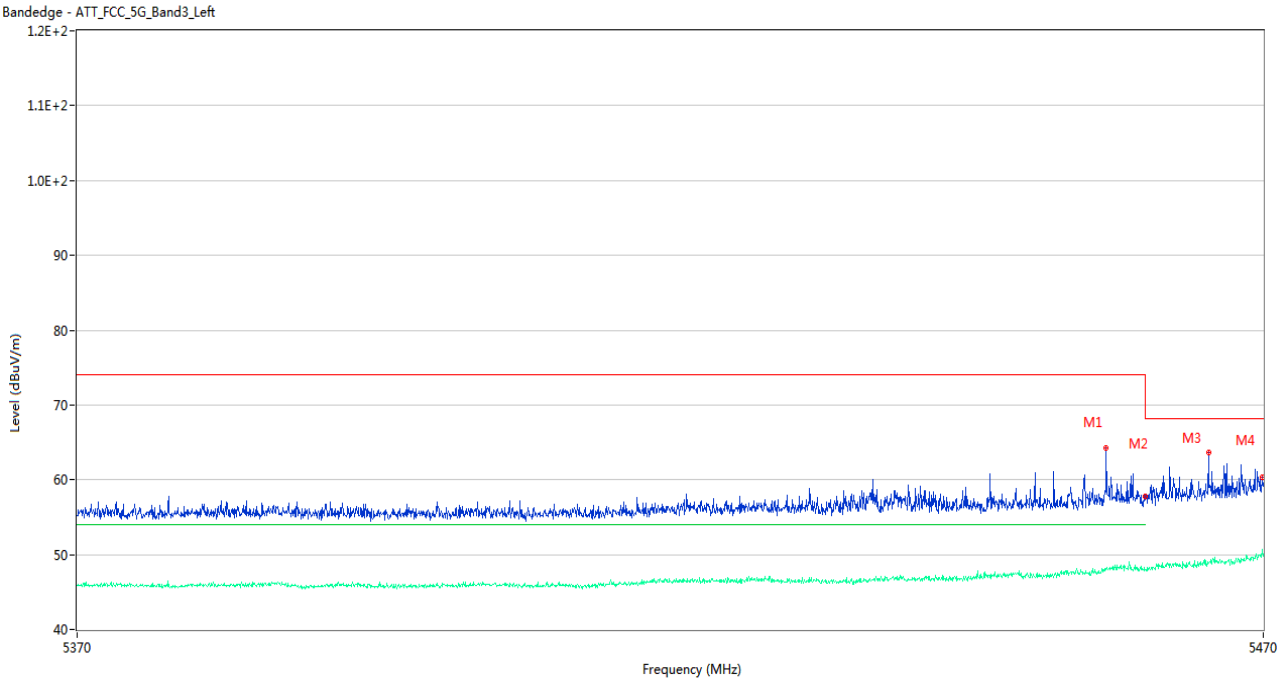
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5456.250	60.05	2.43	74.0	13.95	Peak	238.00	150	Horizontal	Pass
1**	5456.250	47.01	2.43	54.0	6.99	AV	238.00	150	Horizontal	Pass
2	5460.000	56.07	2.50	74.0	17.93	Peak	360.00	200	Horizontal	Pass
2**	5460.000	46.86	2.50	54.0	7.14	AV	360.00	200	Horizontal	Pass
3	5462.650	61.93	2.76	68.2	6.27	Peak	241.00	150	Horizontal	Pass
3**	5462.650	47.21	2.76	--	--	AV	241.00	150	Horizontal	N/A
4	5469.950	56.66	2.87	68.2	11.54	Peak	213.00	200	Horizontal	Pass
4**	5469.950	47.50	2.87	--	--	AV	213.00	200	Horizontal	N/A

U-NII-2C 11ac40 High Channel



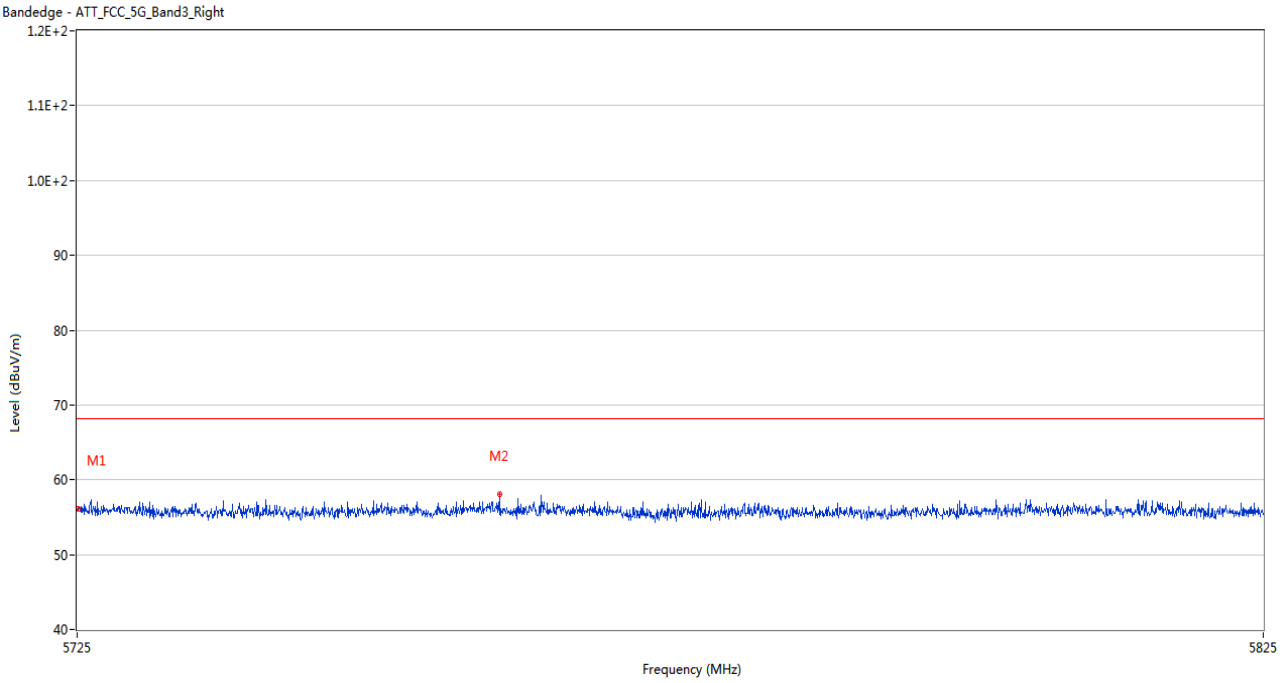
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	56.59	2.55	68.2	11.61	Peak	0.00	150	Horizontal	Pass
2	5725.550	58.78	2.54	68.2	9.42	Peak	204.00	150	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



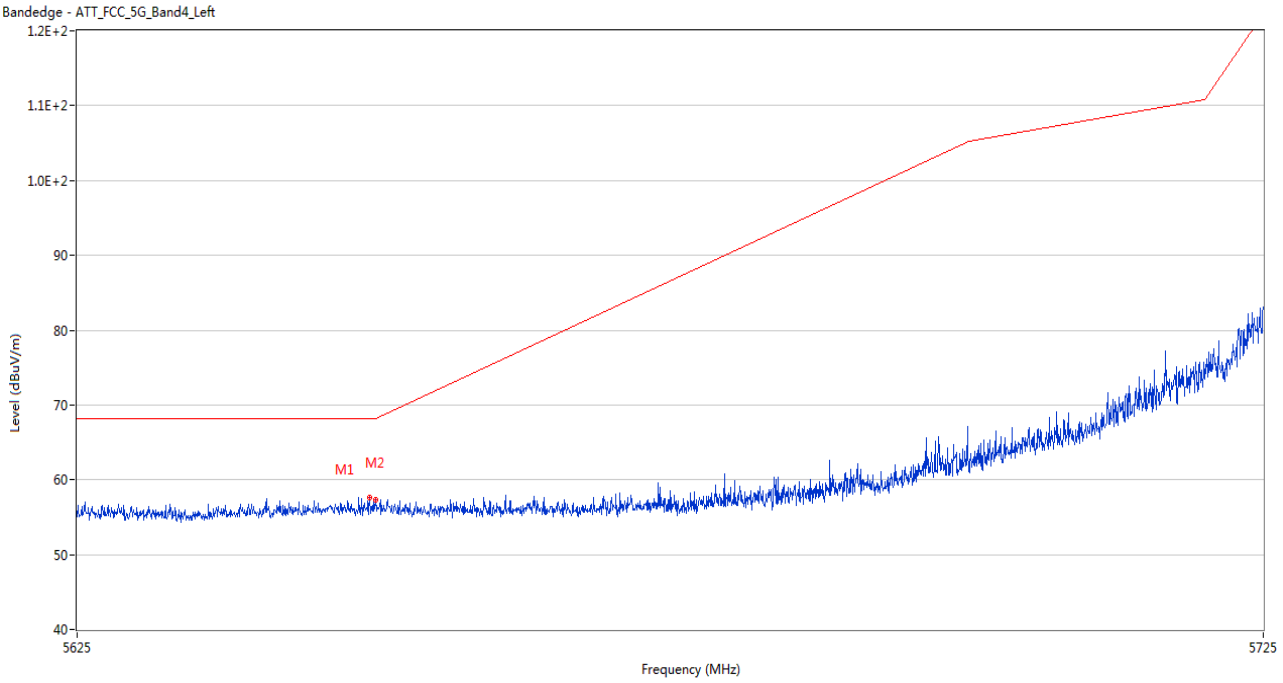
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5456.650	64.26	2.47	74.0	9.74	Peak	204.00	150	Horizontal	Pass
1**	5456.650	47.93	2.47	54.0	6.07	AV	204.00	150	Horizontal	Pass
2	5460.000	57.80	2.50	74.0	16.20	Peak	196.00	200	Horizontal	Pass
2**	5460.000	47.96	2.50	54.0	6.04	AV	196.00	200	Horizontal	Pass
3	5465.350	63.71	2.68	68.2	4.49	Peak	243.00	150	Horizontal	Pass
3**	5465.350	48.84	2.68	--	--	AV	243.00	150	Horizontal	N/A
4	5469.950	60.29	2.87	68.2	7.91	Peak	226.00	150	Horizontal	Pass
4**	5469.950	50.67	2.87	--	--	AV	226.00	150	Horizontal	N/A

U-NII-2C 11ac80 High Channel



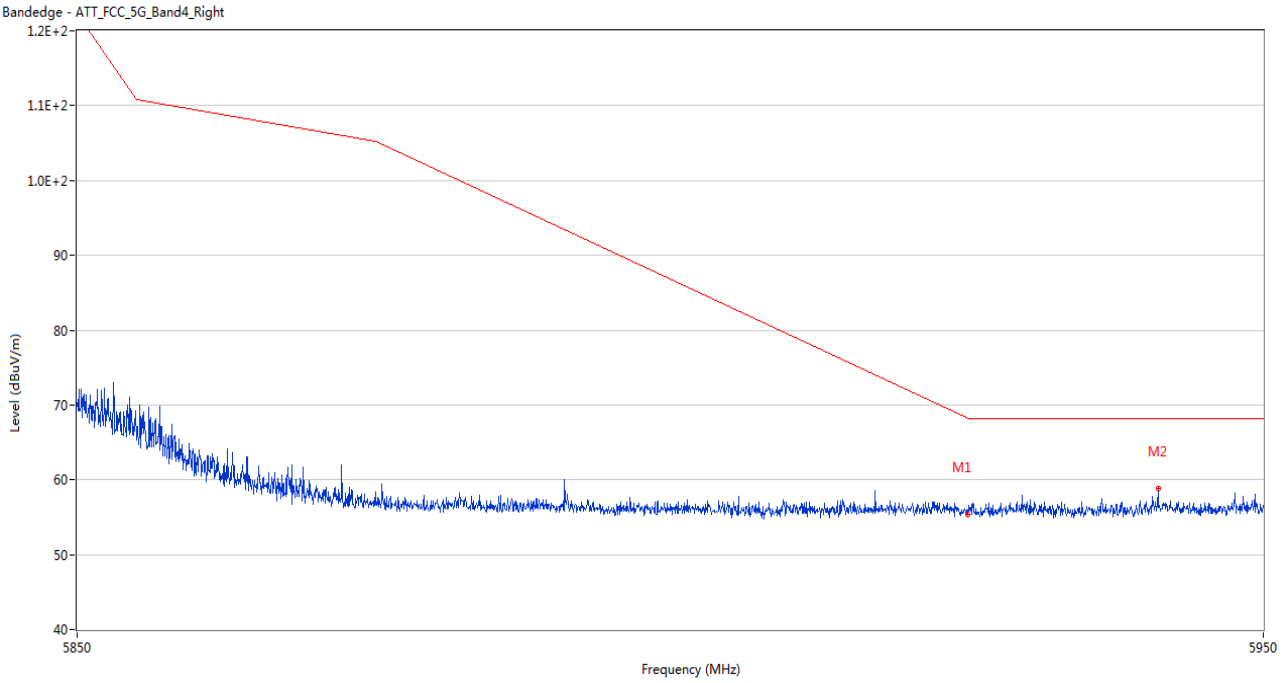
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	56.11	2.55	68.2	12.09	Peak	162.00	100	Horizontal	Pass
2	5760.400	58.14	2.46	68.2	10.06	Peak	201.00	200	Horizontal	Pass

U-NII-3 11a Low Channel



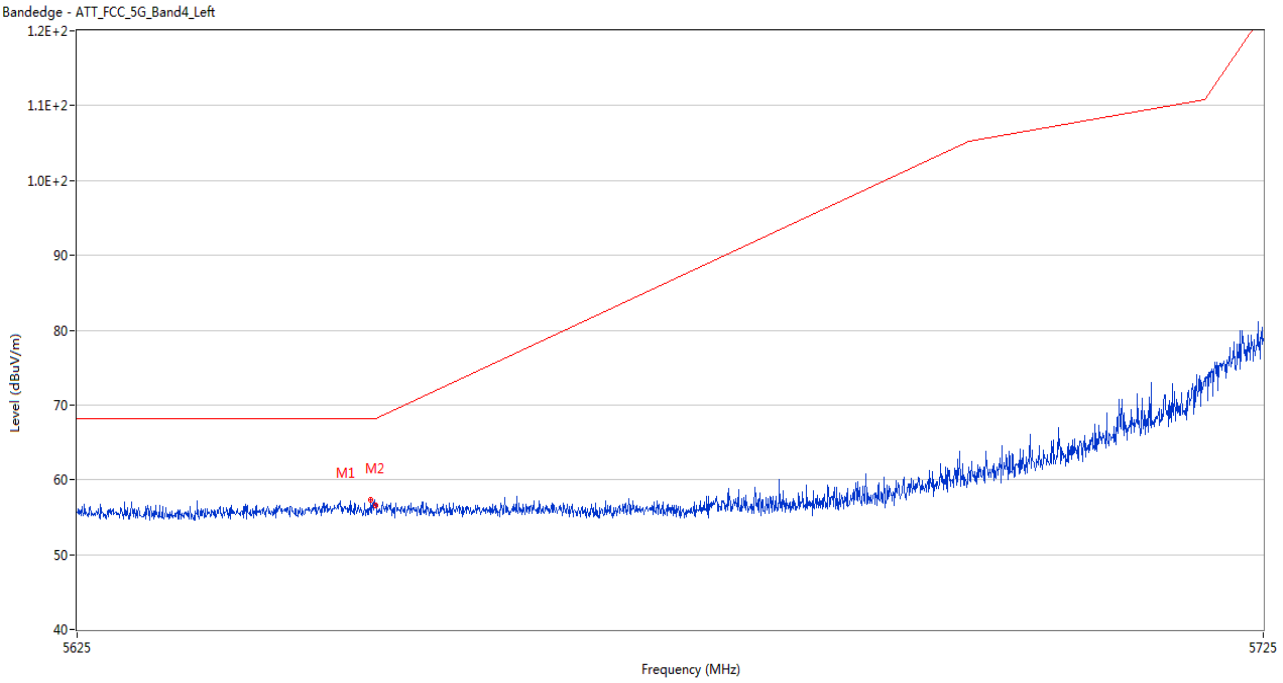
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.500	57.68	2.53	68.2	10.52	Peak	184.00	200	Horizontal	Pass
2	5650.000	57.27	2.54	68.2	10.93	Peak	184.00	200	Horizontal	Pass

U-NII-3 11a High Channel



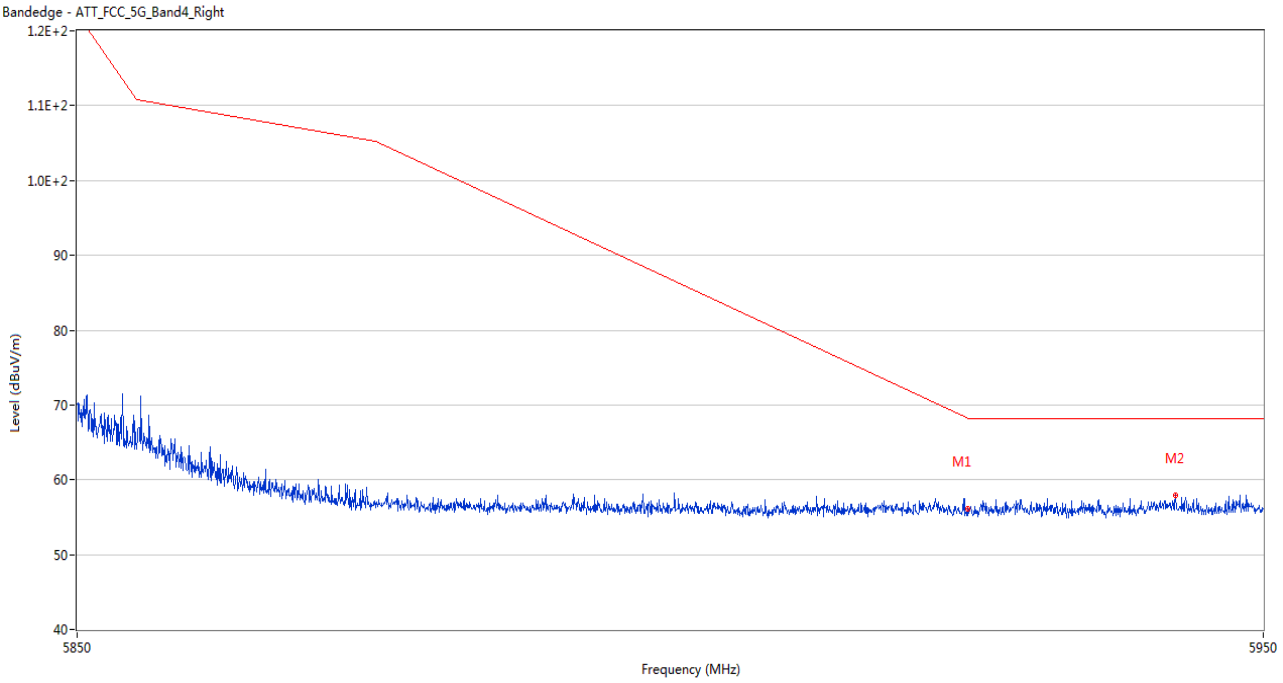
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.30	2.32	68.2	12.90	Peak	304.00	150	Horizontal	Pass
2	5941.050	58.85	2.76	68.2	9.35	Peak	43.00	150	Horizontal	Pass

U-NII-3 11n20 Low Channel



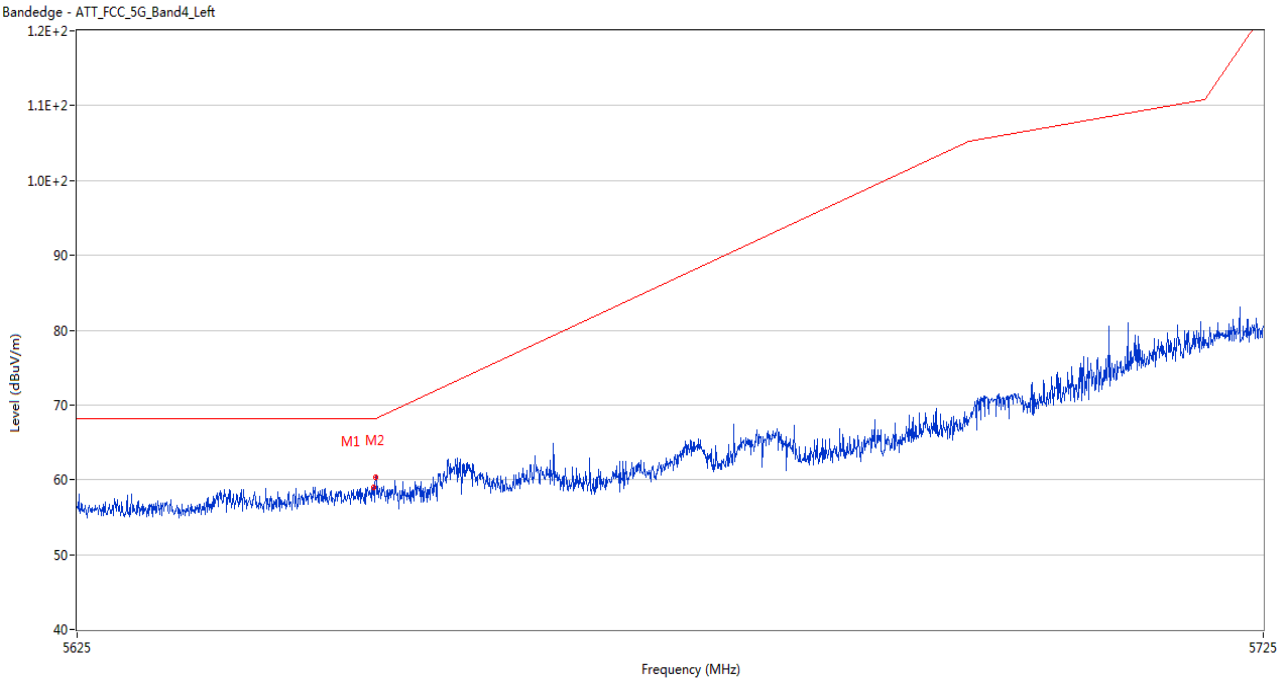
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.600	57.40	2.53	68.2	10.80	Peak	120.00	100	Horizontal	Pass
2	5650.000	56.51	2.54	68.2	11.69	Peak	80.00	100	Horizontal	Pass

U-NII-3 11n20 High Channel



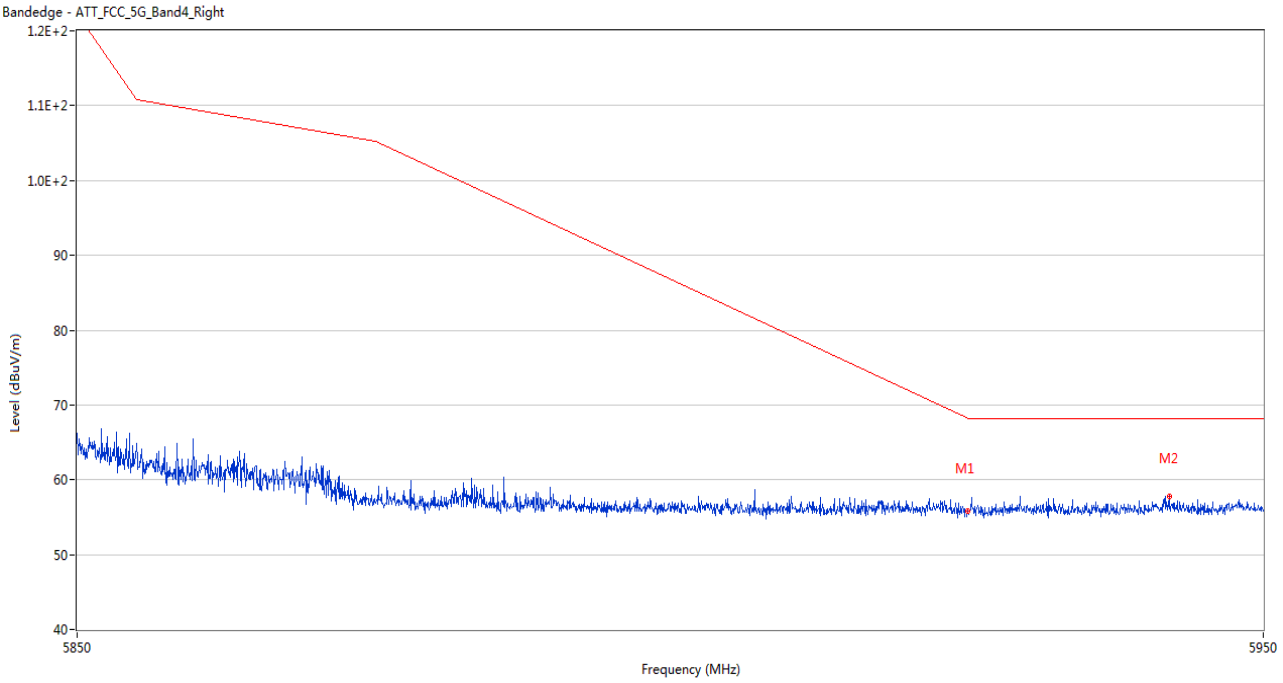
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.08	2.32	68.2	12.12	Peak	247.00	150	Horizontal	Pass
2	5942.550	57.96	2.70	68.2	10.24	Peak	54.00	100	Horizontal	Pass

U-NII-3 11n40 Low Channel



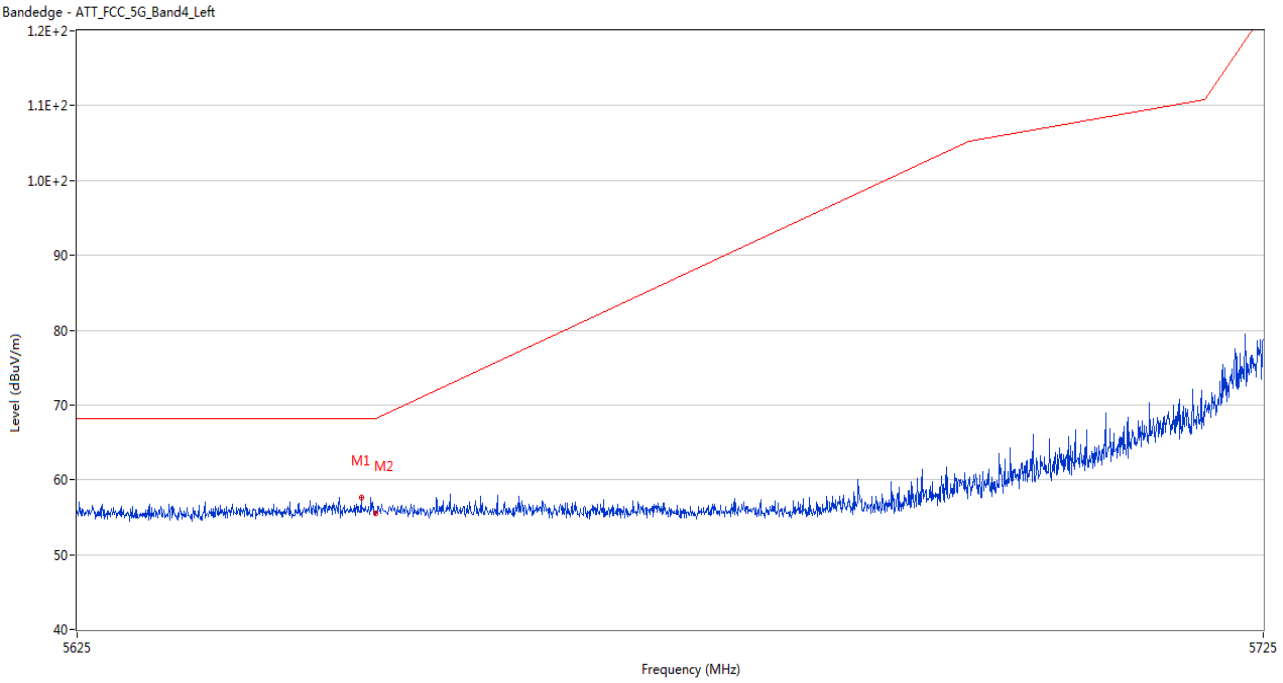
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.800	59.05	2.53	68.2	9.15	Peak	180.00	100	Horizontal	Pass
2	5650.000	60.37	2.54	68.2	7.83	Peak	239.00	200	Horizontal	Pass

U-NII-3 11n40 High Channel



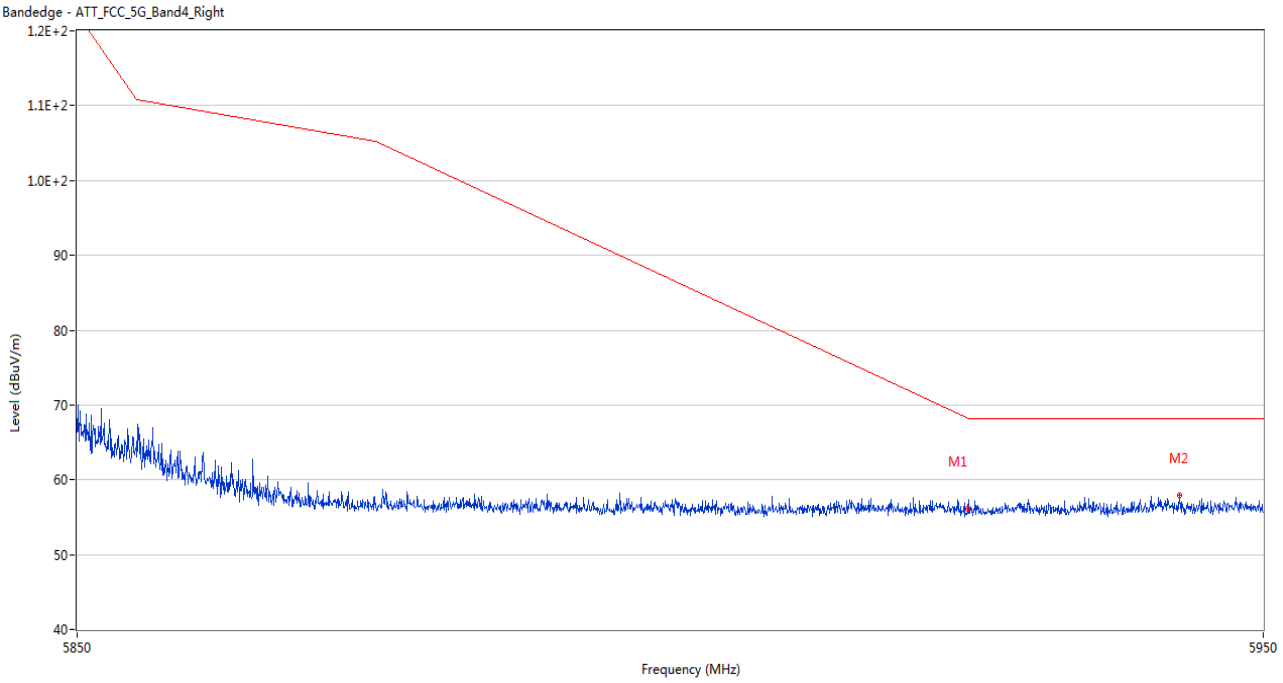
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.85	2.32	68.2	12.35	Peak	158.00	100	Horizontal	Pass
2	5942.000	57.84	2.82	68.2	10.36	Peak	221.00	100	Horizontal	Pass

U-NII-3 11ac20 Low Channel



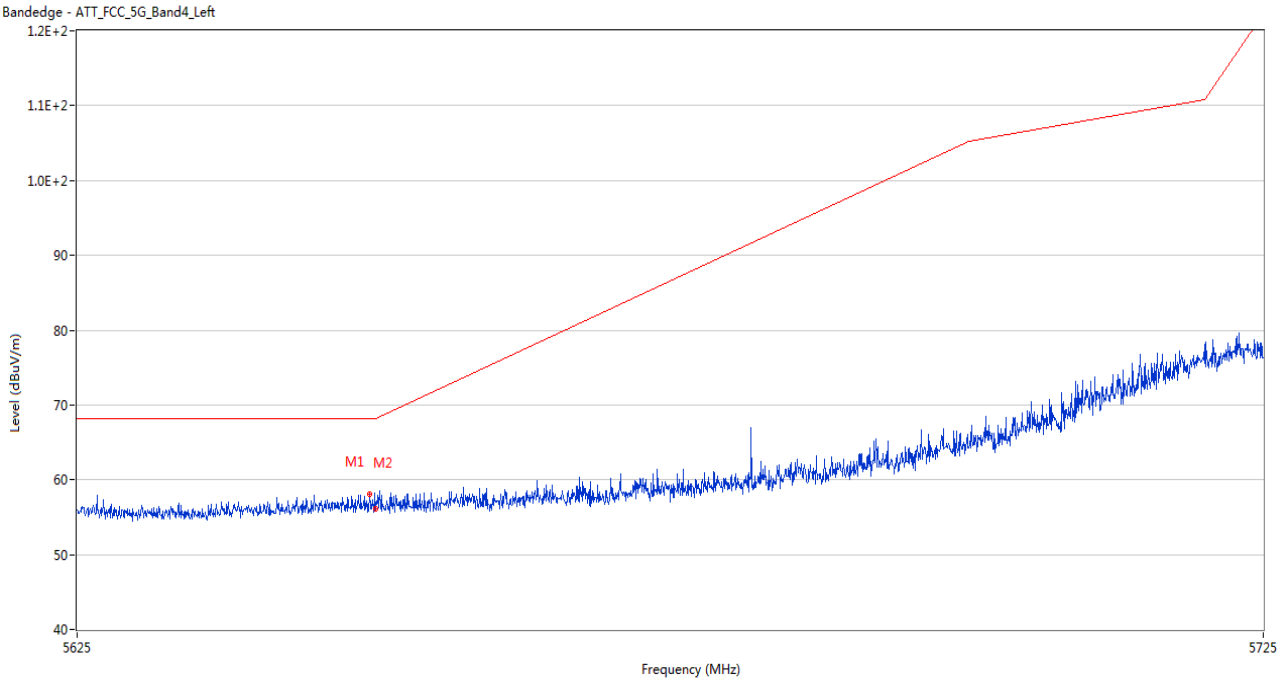
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.800	57.67	2.52	68.2	10.53	Peak	202.00	100	Horizontal	Pass
2	5650.000	55.54	2.54	68.2	12.66	Peak	89.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



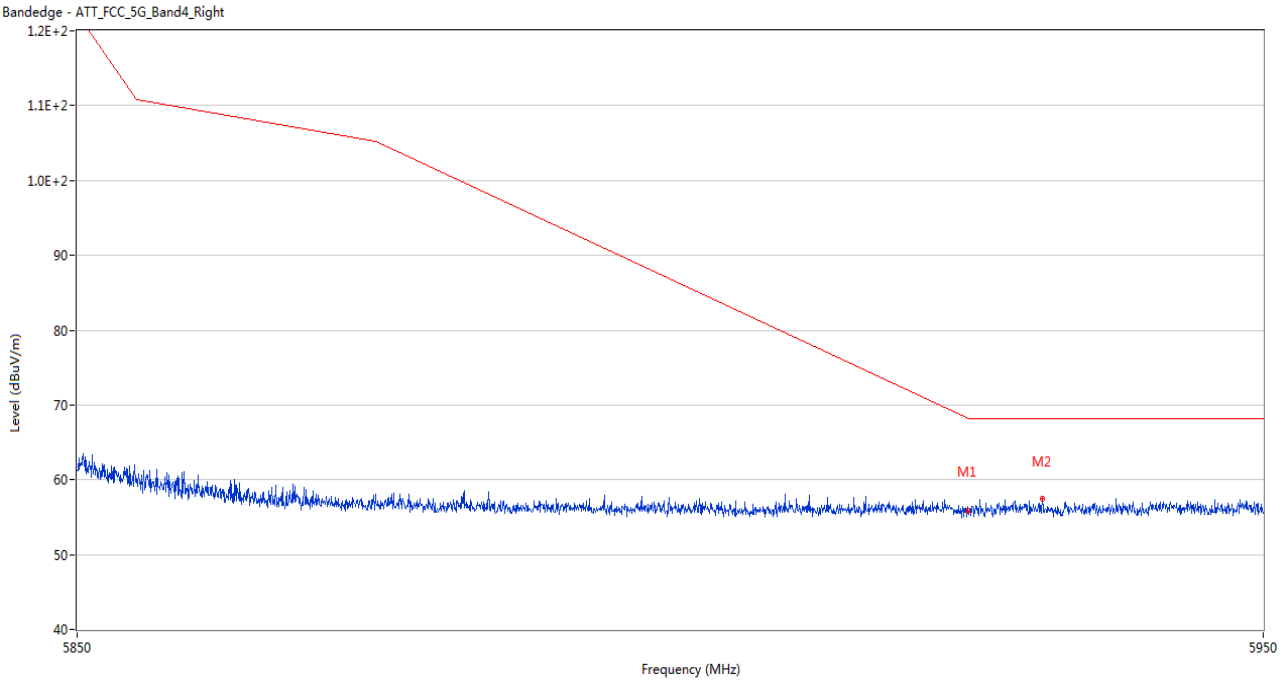
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.19	2.32	68.2	12.01	Peak	199.00	200	Horizontal	Pass
2	5942.850	57.97	2.64	68.2	10.23	Peak	257.00	150	Horizontal	Pass

U-NII-3 11ac40 Low Channel



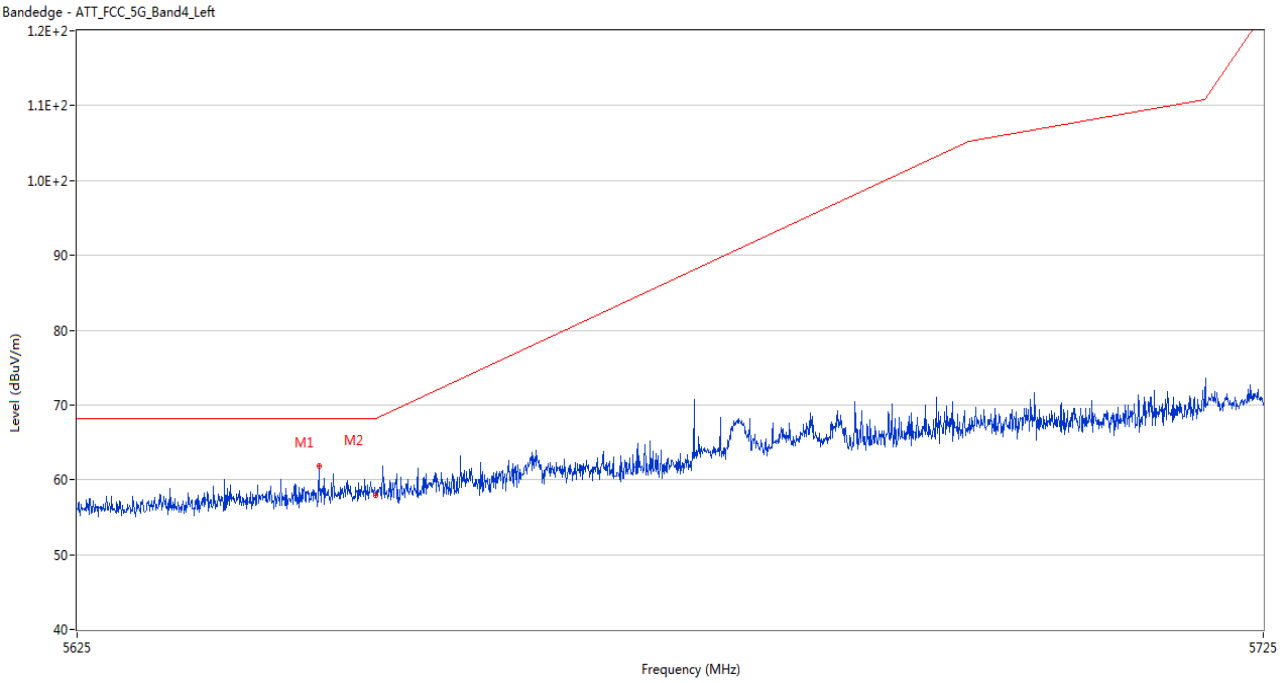
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.500	58.06	2.53	68.2	10.14	Peak	196.00	100	Horizontal	Pass
2	5650.000	56.11	2.54	68.2	12.09	Peak	81.00	100	Horizontal	Pass

U-NII-3 11ac40 High Channel



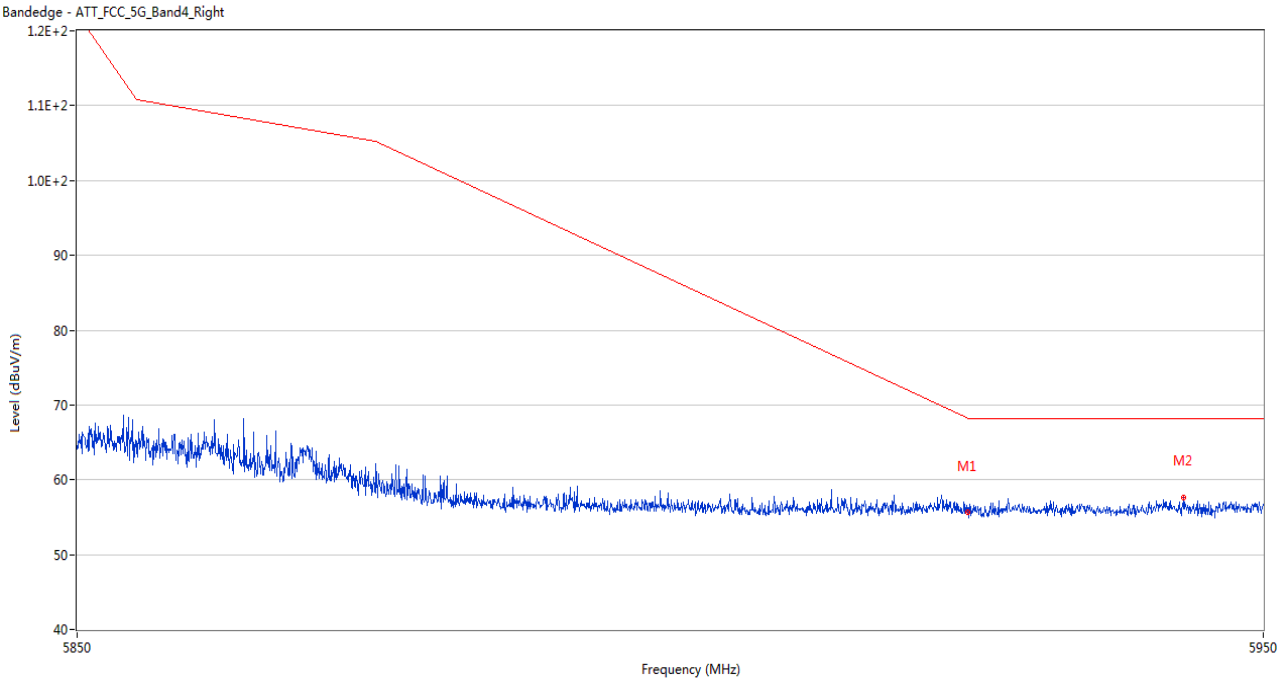
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.82	2.32	68.2	12.38	Peak	10.00	100	Horizontal	Pass
2	5931.250	57.49	2.49	68.2	10.71	Peak	152.00	200	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.250	61.91	2.57	68.2	6.29	Peak	222.00	150	Horizontal	Pass
2	5650.000	57.90	2.54	68.2	10.30	Peak	182.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.73	2.32	68.2	12.47	Peak	154.00	100	Horizontal	Pass
2	5943.250	57.56	2.56	68.2	10.64	Peak	360.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2450037-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2450037-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2450037-AI.PDF”.

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--END OF REPORT--