TEST REPORT

Applicant:	E&S International Enterprises, Inc.
Address:	7801 Hayvenhurst Avenue, Van Nuys, California 91406, United States
Equipment Type:	8" HD Tablet
Model Name:	RATM20831 (refer to section 2.3)
Brand Name:	N/A
FCC ID:	2AYPE-RATM20831
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	Mar. 11, 2024
Test Date:	Mar. 16, 2024 - Apr. 03, 2024
Date of Issue:	Apr. 16, 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	Apr. 16, 2024	Initial Issue

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

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

2.2 Manufacturer Information

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

2.3 General Description for Equipment under Test (EUT)

EUT Name	8" HD Tablet
Model Name Under Test	RATM20831
Series Model Name	M86QF7, RATM20831-*****, RATM20831F-*****, RATM20831K-****** (The "*" in model name can be 0 to 9, A to Z, a to z, "-" or blank)
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in shell color and model name. (this information provided by the applicant)
Hardware Version	M863YCW
Software Version	Android 14
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

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

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

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 7.80 mW U-NII-2A: 7.64 mW U-NII-2C: 3.15 mW U-NII-3: 2.51 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	FPC Antenna
Antenna Gain	U-NII-1: 0.96 dBi U-NII-2A: 0.59 dBi U-NII-2C: 1.34 dBi U-NII-3: 0.67 dBi
About the Product	The equipment is 8" HD Tablet, intended for used with information technology equipment.

2.5 Channel List

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

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
106	Low	5530	155	Mid	5775
122	High	5610			

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

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass[Note1]
2	RF Output Power	15.407(a)	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	ANNEX A.4	Pass
6	Conducted Emission	15.207	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	ANNEX A.6	Pass

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	49% to 67%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.3℃ to +24.4℃
	LT (Low Temperature)	0.0℃
	HT (High Temperature)	+40.0℃
Working Voltage of the EUT	NV (Normal Voltage)	3.80 V
	LV (Low Voltage)	3.00 V
	HV (High Voltage)	4.35 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2023.05.16	2024.05.15
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2023.09.05	2024.09.04
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2023.06.19	2024.06.18
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2021.05.20	2024.05.19
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2022.02.19	2024.08.15
Amplifier	COM-MV	LSCX_LNA1-12G-01	7210214	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2024.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2023.05.16	2024.05.15
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2022.02.19	2025.02.18

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

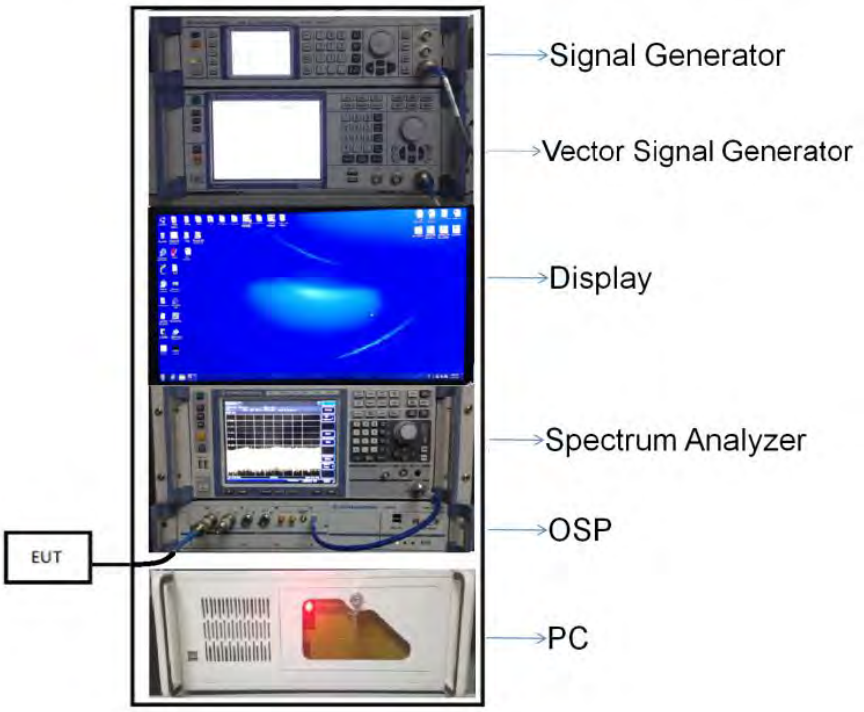
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8℃
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

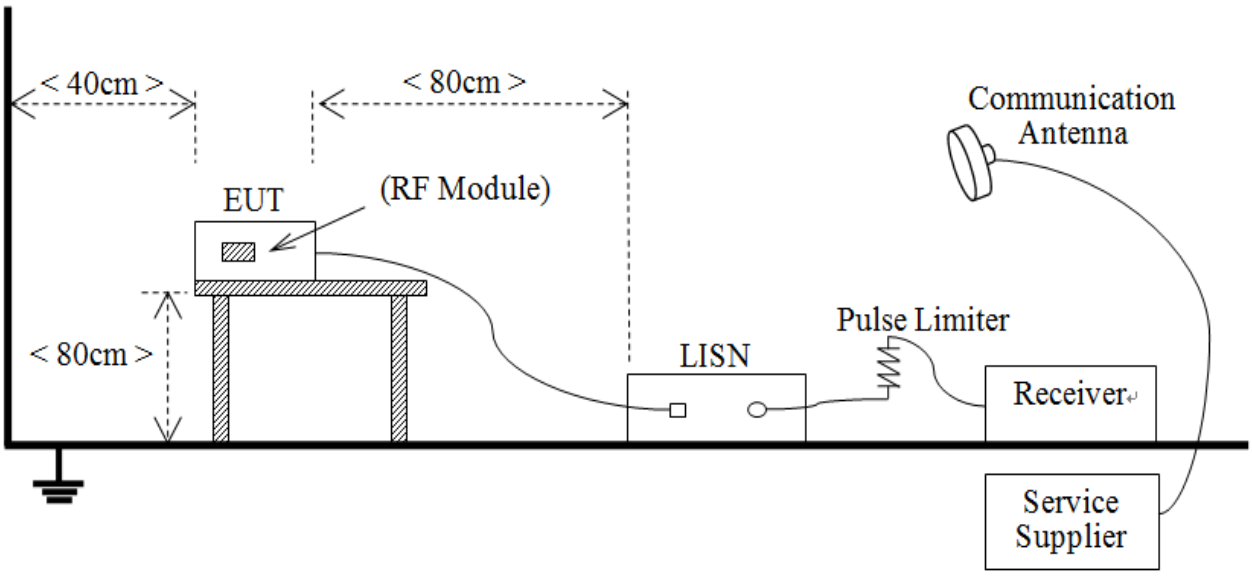
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

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



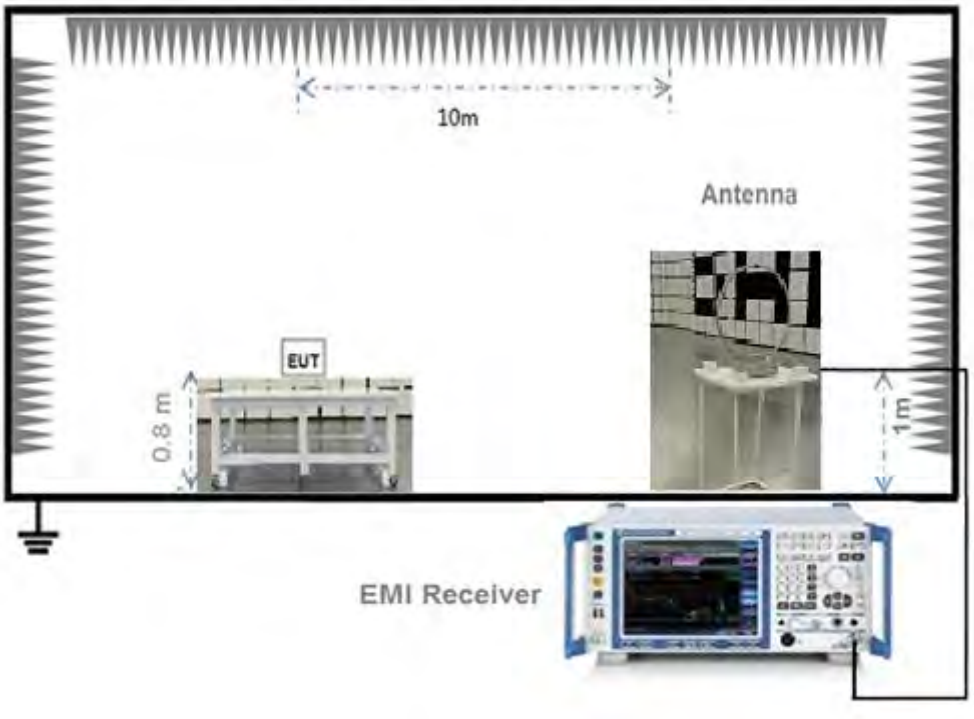
(Diagram 1)

4.5.2 For AC Power Supply Port Test



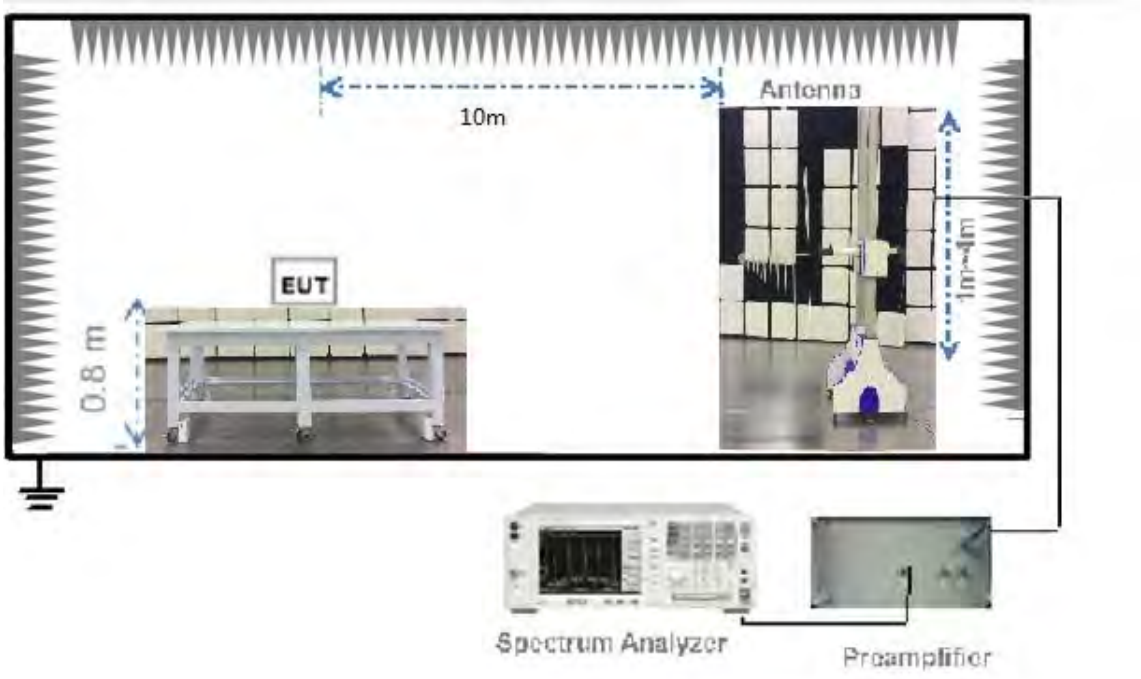
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



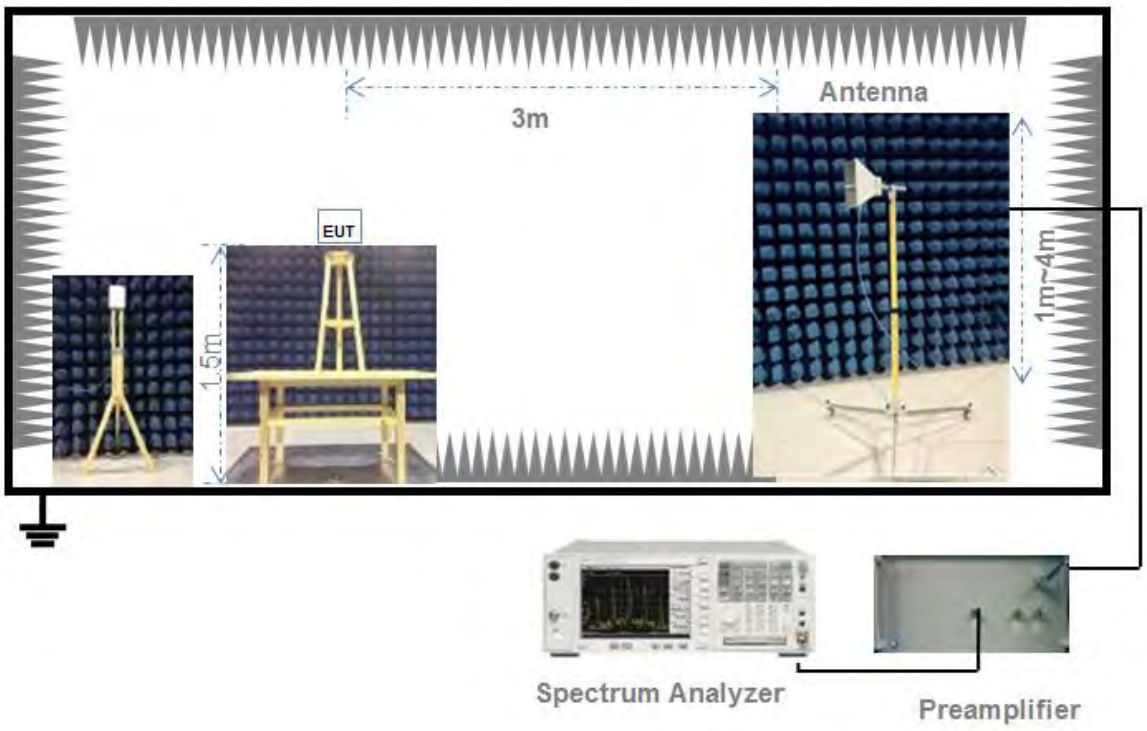
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

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

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

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

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

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

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

2. Set VBW ≥ 3*RBW,

3. Detector = Peak.

4. Trace mode = Max hold.

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

Occupied Bandwidth

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

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

3. Set VBW ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

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

6 dB bandwidth

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

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

3. Allow the trace to stabilize.

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

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

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

E = EIRP – 20log D + 104.8

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

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

Peak power measurement procedure

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

a) RBW = as specified in Table 1.

b) VBW ≥ 3 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

d) VBW ≥ 3 x RBW.

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

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

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

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

g) Sweep time = auto.

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

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

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.38	1.44	95.76%	0.19
11n (HT20)/11ac (VHT20)	1.30	1.35	96.51%	0.15
11n (HT40)/11ac (VHT40)	0.65	0.69	93.25%	0.30
11ac (VHT80)	1.06	1.09	96.88%	0.14

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	8.37	6.87	250	Pass
11a	CH44	8.55	7.16	250	Pass
11a	CH48	8.82	7.62	250	Pass
11n (HT20)	CH36	8.75	7.50	250	Pass
11n (HT20)	CH44	8.87	7.71	250	Pass
11n (HT20)	CH48	8.66	7.35	250	Pass
11n (HT40)	CH38	8.37	6.87	250	Pass
11n (HT40)	CH46	8.92	7.80	250	Pass
11ac (VHT20)	CH36	8.09	6.44	250	Pass
11ac (VHT20)	CH44	8.66	7.35	250	Pass
11ac (VHT20)	CH48	8.79	7.57	250	Pass
11ac (VHT40)	CH38	8.30	6.76	250	Pass
11ac (VHT40)	CH46	8.74	7.48	250	Pass
11ac (VHT80)	CH42	8.26	6.70	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	8.83	7.64	250	Pass
11a	CH60	8.47	7.03	250	Pass
11a	CH64	8.77	7.53	250	Pass
11n (HT20)	CH52	8.71	7.43	250	Pass
11n (HT20)	CH60	8.79	7.57	250	Pass
11n (HT20)	CH64	8.61	7.26	250	Pass
11n (HT40)	CH54	8.69	7.40	250	Pass
11n (HT40)	CH62	8.75	7.50	250	Pass
11ac (VHT20)	CH52	8.73	7.46	250	Pass
11ac (VHT20)	CH60	8.81	7.60	250	Pass
11ac (VHT20)	CH64	8.63	7.29	250	Pass
11ac (VHT40)	CH54	8.68	7.38	250	Pass
11ac (VHT40)	CH62	8.79	7.57	250	Pass
11ac (VHT80)	CH58	8.35	6.84	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	4.60	2.88	224	Pass
11a	CH116	4.95	3.13	250	Pass
11a	CH140	4.98	3.15	250	Pass
11n (HT20)	CH100	4.98	3.15	250	Pass
11n (HT20)	CH116	4.78	3.01	250	Pass
11n (HT20)	CH140	4.86	3.06	250	Pass
11n (HT40)	CH102	4.71	2.96	250	Pass
11n (HT40)	CH118	4.87	3.07	250	Pass
11n (HT40)	CH134	4.97	3.14	250	Pass
11ac (VHT20)	CH100	4.95	3.13	250	Pass
11ac (VHT20)	CH116	4.85	3.05	250	Pass
11ac (VHT20)	CH140	4.86	3.06	250	Pass
11ac (VHT40)	CH102	4.54	2.84	250	Pass
11ac (VHT40)	CH118	4.95	3.13	250	Pass
11ac (VHT40)	CH134	4.98	3.15	250	Pass
11ac (VHT80)	CH106	4.78	3.01	250	Pass
11ac (VHT80)	CH122	4.56	2.86	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	3.98	2.50	1000	Pass
11a	CH157	3.55	2.26	1000	Pass
11a	CH165	3.65	2.32	1000	Pass
11n (HT20)	CH149	3.80	2.40	1000	Pass
11n (HT20)	CH157	3.88	2.44	1000	Pass
11n (HT20)	CH165	3.92	2.47	1000	Pass
11n (HT40)	CH151	3.99	2.51	1000	Pass
11n (HT40)	CH159	3.95	2.48	1000	Pass
11ac (VHT20)	CH149	3.74	2.37	1000	Pass
11ac (VHT20)	CH157	3.85	2.43	1000	Pass
11ac (VHT20)	CH165	3.86	2.43	1000	Pass
11ac (VHT40)	CH151	3.98	2.50	1000	Pass
11ac (VHT40)	CH159	3.90	2.45	1000	Pass
11ac (VHT80)	CH155	3.67	2.33	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2430581-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	24.81	16.68
11a	CH44	33.93	17.40
11a	CH48	32.97	17.50
11n (HT20)	CH36	25.05	17.74
11n (HT20)	CH44	36.85	18.69
11n (HT20)	CH48	33.32	18.22
11n (HT40)	CH38	40.50	36.17
11n (HT40)	CH46	73.81	37.11
11ac (VHT20)	CH36	24.74	17.71
11ac (VHT20)	CH44	36.25	19.00
11ac (VHT20)	CH48	34.09	18.86
11ac (VHT40)	CH38	41.06	36.04
11ac (VHT40)	CH46	80.00	49.06
11ac (VHT80)	CH42	83.74	75.39

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	29.19	16.88
11a	CH60	28.54	16.81
11a	CH64	22.77	16.61
11n (HT20)	CH52	30.17	17.93
11n (HT20)	CH60	30.10	17.87
11n (HT20)	CH64	24.24	17.69
11n (HT40)	CH54	61.18	36.44
11n (HT40)	CH62	40.64	36.05
11ac (VHT20)	CH52	34.09	18.08
11ac (VHT20)	CH60	28.39	17.85
11ac (VHT20)	CH64	23.03	17.66
11ac (VHT40)	CH54	79.97	47.74
11ac (VHT40)	CH62	40.59	36.04
11ac (VHT80)	CH58	81.00	75.12

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	17.83	16.56
11a	CH116	34.40	17.88
11a	CH140	20.07	16.51
11n (HT20)	CH100	20.94	17.68
11n (HT20)	CH116	34.48	18.34
11n (HT20)	CH140	20.39	17.61
11n (HT40)	CH102	40.81	36.08
11n (HT40)	CH118	76.82	39.10
11n (HT40)	CH134	41.07	36.15
11ac (VHT20)	CH100	22.85	17.65
11ac (VHT20)	CH116	35.35	18.34
11ac (VHT20)	CH140	20.35	17.60
11ac (VHT40)	CH102	40.77	36.00
11ac (VHT40)	CH118	78.97	38.62
11ac (VHT40)	CH134	40.91	36.08
11ac (VHT80)	CH106	81.26	75.22
11ac (VHT80)	CH122	87.07	75.16

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	35.15	18.02
11a	CH157	35.28	19.40
11a	CH165	32.80	17.21
11n (HT20)	CH149	36.07	18.66
11n (HT20)	CH157	37.87	21.56
11n (HT20)	CH165	32.85	18.06
11n (HT40)	CH151	79.55	42.82
11n (HT40)	CH159	78.27	40.02
11ac (VHT20)	CH149	35.79	18.72
11ac (VHT20)	CH157	38.42	21.42
11ac (VHT20)	CH165	33.47	18.15
11ac (VHT40)	CH151	79.39	44.35
11ac (VHT40)	CH159	78.62	41.18
11ac (VHT80)	CH155	135.10	75.80

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2430581-604 Data Part 2.pdf”.

Test Data

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

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ2430581-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	-2.12	11.00	Pass
11a	CH44	-1.92	11.00	Pass
11a	CH48	-1.68	11.00	Pass
11n (HT20)	CH36	-2.06	11.00	Pass
11n (HT20)	CH44	-1.87	11.00	Pass
11n (HT20)	CH48	-2.01	11.00	Pass
11n (HT40)	CH38	-5.25	11.00	Pass
11n (HT40)	CH46	-4.61	11.00	Pass
11ac (VHT20)	CH36	-2.28	11.00	Pass
11ac (VHT20)	CH44	-2.15	11.00	Pass
11ac (VHT20)	CH48	-1.89	11.00	Pass
11ac (VHT40)	CH38	-4.95	11.00	Pass
11ac (VHT40)	CH46	-4.91	11.00	Pass
11ac (VHT80)	CH42	-8.15	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	-1.74	11.00	Pass
11a	CH60	-2.10	11.00	Pass
11a	CH64	-1.81	11.00	Pass
11n (HT20)	CH52	-2.08	11.00	Pass
11n (HT20)	CH60	-1.96	11.00	Pass
11n (HT20)	CH64	-2.15	11.00	Pass
11n (HT40)	CH54	-4.86	11.00	Pass
11n (HT40)	CH62	-4.82	11.00	Pass
11ac (VHT20)	CH52	-2.09	11.00	Pass
11ac (VHT20)	CH60	-1.91	11.00	Pass
11ac (VHT20)	CH64	-2.12	11.00	Pass
11ac (VHT40)	CH54	-4.78	11.00	Pass
11ac (VHT40)	CH62	-4.90	11.00	Pass
11ac (VHT80)	CH58	-8.38	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	-5.81	11.00	Pass
11a	CH116	-5.41	11.00	Pass
11a	CH140	-5.52	11.00	Pass
11n (HT20)	CH100	-5.55	11.00	Pass
11n (HT20)	CH116	-5.80	11.00	Pass
11n (HT20)	CH140	-5.86	11.00	Pass
11n (HT40)	CH102	-8.91	11.00	Pass
11n (HT40)	CH118	-8.69	11.00	Pass
11n (HT40)	CH134	-8.68	11.00	Pass
11ac (VHT20)	CH100	-5.73	11.00	Pass
11ac (VHT20)	CH116	-5.71	11.00	Pass
11ac (VHT20)	CH140	-5.85	11.00	Pass
11ac (VHT40)	CH102	-8.96	11.00	Pass
11ac (VHT40)	CH118	-8.57	11.00	Pass
11ac (VHT40)	CH134	-8.61	11.00	Pass
11ac (VHT80)	CH106	-11.72	11.00	Pass
11ac (VHT80)	CH122	-12.21	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-9.57	30.00	Pass
11a	CH157	-9.95	30.00	Pass
11a	CH165	-9.55	30.00	Pass
11n (HT20)	CH149	-9.89	30.00	Pass
11n (HT20)	CH157	-9.64	30.00	Pass
11n (HT20)	CH165	-9.58	30.00	Pass
11n (HT40)	CH151	-12.69	30.00	Pass
11n (HT40)	CH159	-12.46	30.00	Pass
11ac (VHT20)	CH149	-10.00	30.00	Pass
11ac (VHT20)	CH157	-9.69	30.00	Pass
11ac (VHT20)	CH165	-9.60	30.00	Pass
11ac (VHT40)	CH151	-12.63	30.00	Pass
11ac (VHT40)	CH159	-12.61	30.00	Pass
11ac (VHT80)	CH155	-16.14	30.00	Pass

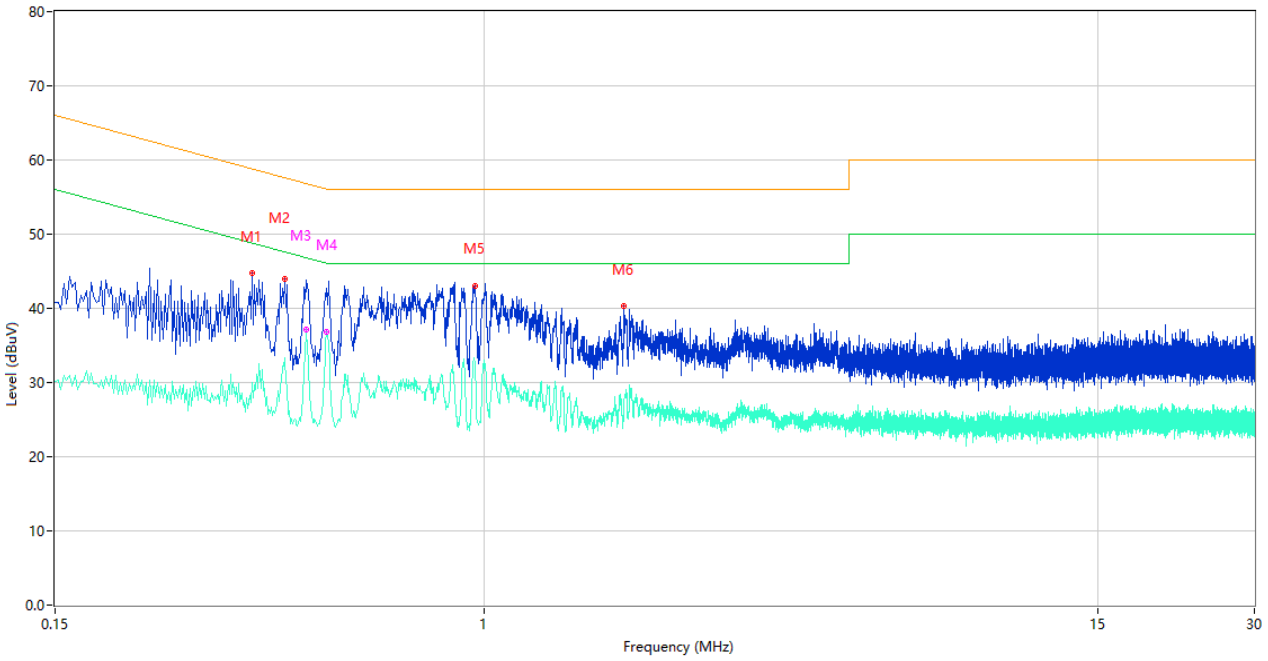
A.5 Conducted Emissions

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.

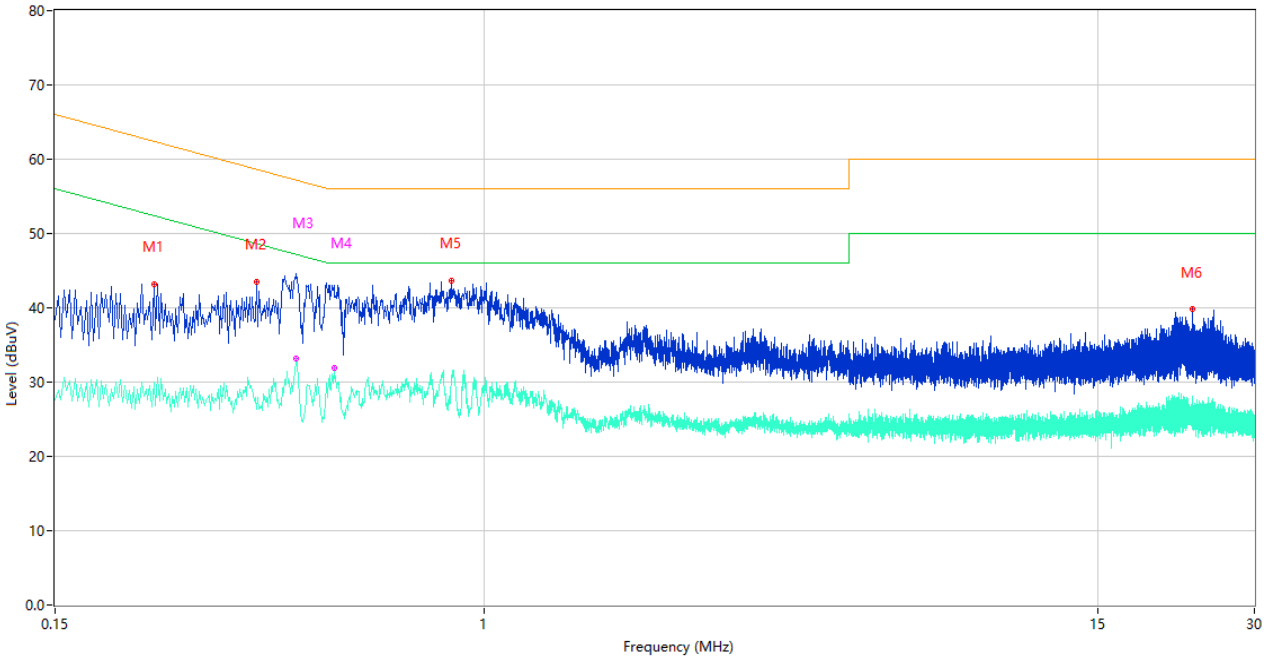
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.358	44.70	10.73	58.77	14.07	Peak	L	Pass
1**	0.358	29.95	10.73	48.77	18.82	AV	L	Pass
2	0.414	43.98	10.41	57.57	13.59	Peak	L	Pass
2**	0.414	33.40	10.41	47.57	14.17	AV	L	Pass
3	0.454	43.84	10.02	56.80	12.96	Peak	L	Pass
3**	0.454	37.22	10.02	46.80	9.58	AV	L	Pass
4	0.498	42.71	9.98	56.03	13.32	Peak	L	Pass
4**	0.498	36.75	9.98	46.03	9.28	AV	L	Pass
5	0.958	43.02	10.04	56.00	12.98	Peak	L	Pass
5**	0.958	32.50	10.04	46.00	13.50	AV	L	Pass
6	1.854	40.28	10.17	56.00	15.72	Peak	L	Pass
6**	1.854	27.35	10.17	46.00	18.65	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.232	43.24	9.77	62.38	19.14	Peak	N	Pass
1**	0.232	30.06	9.77	52.38	22.32	AV	N	Pass
2	0.366	43.53	10.69	58.59	15.06	Peak	N	Pass
2**	0.366	26.40	10.69	48.59	22.19	AV	N	Pass
3	0.434	44.54	10.19	57.18	12.64	Peak	N	Pass
3**	0.434	33.22	10.19	47.18	13.96	AV	N	Pass
4	0.514	43.02	9.99	56.00	12.98	Peak	N	Pass
4**	0.514	31.83	9.99	46.00	14.17	AV	N	Pass
5	0.866	43.73	10.47	56.00	12.27	Peak	N	Pass
5**	0.866	31.00	10.47	46.00	15.00	AV	N	Pass
6	22.810	39.80	10.85	60.00	20.20	Peak	N	Pass
6**	22.810	26.32	10.85	50.00	23.68	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.

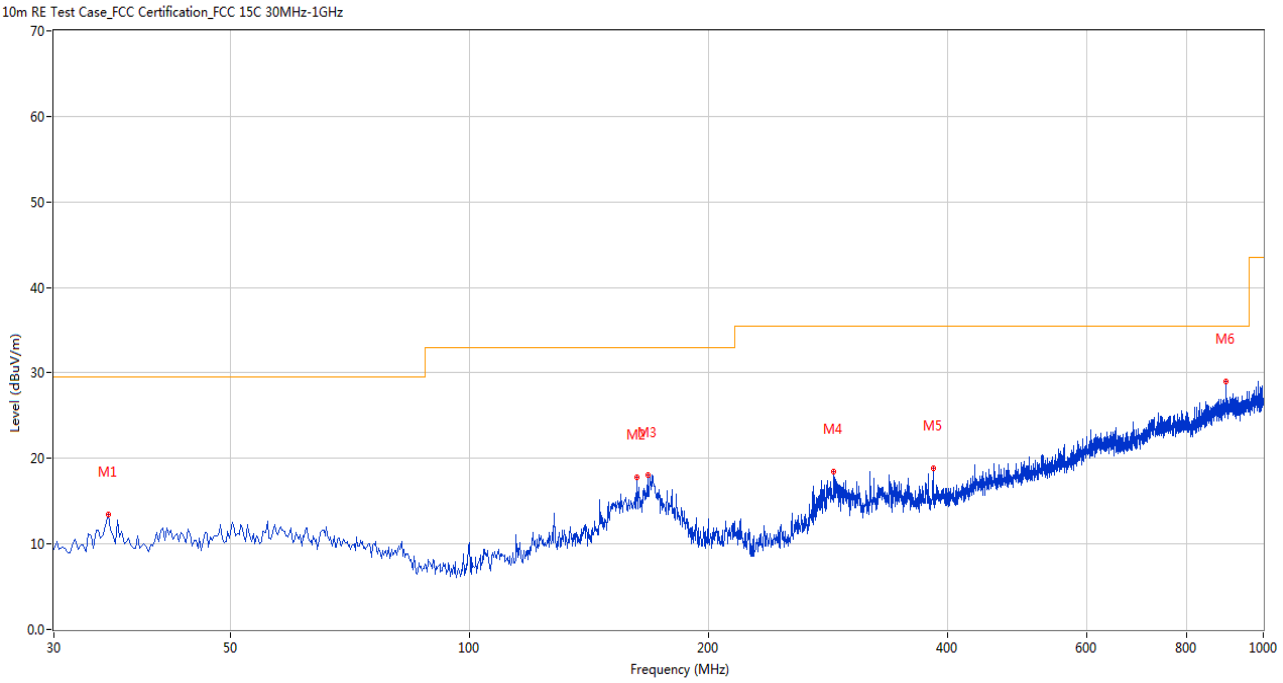
Note [2]: For the test data above 1 GHz，According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

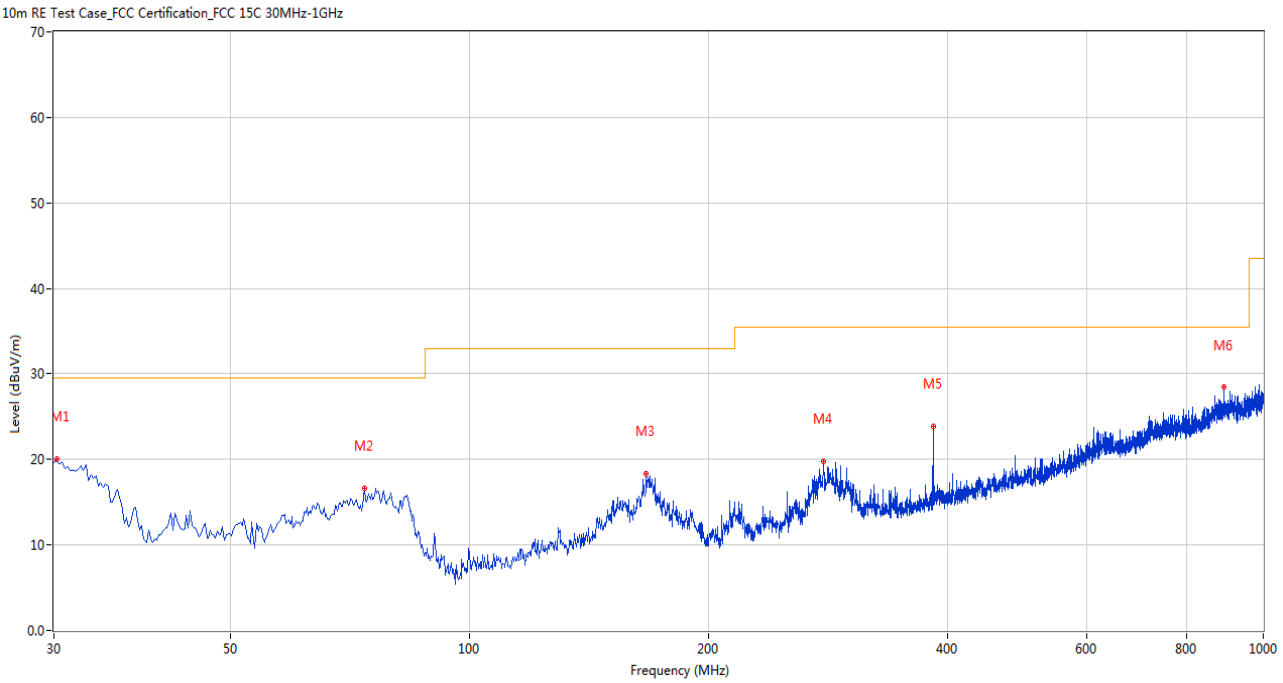
Test Data and Plots

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	35.091	13.46	-26.71	29.5	16.04	Peak	360.00	200	Horizontal	Pass
2	162.614	17.75	-25.87	33.0	15.25	Peak	358.00	200	Horizontal	Pass
3	167.948	18.10	-25.99	33.0	14.90	Peak	192.00	200	Horizontal	Pass
4	287.956	18.52	-25.01	35.5	16.98	Peak	121.00	200	Horizontal	Pass
5	383.962	18.81	-22.58	35.5	16.69	Peak	360.00	200	Horizontal	Pass
6	897.206	29.02	-10.64	35.5	6.48	Peak	81.00	200	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	20.07	-28.19	29.5	9.43	Peak	100.00	100	Vertical	Pass
2	73.882	16.63	-28.80	29.5	12.87	Peak	100.00	100	Vertical	Pass
3	167.221	18.36	-25.95	33.0	14.64	Peak	189.00	100	Vertical	Pass
4	279.713	19.82	-25.66	35.5	15.68	Peak	177.00	100	Vertical	Pass
5	383.962	23.86	-22.58	35.5	11.64	Peak	0.00	100	Vertical	Pass
6	892.357	28.46	-10.74	35.5	7.04	Peak	270.00	100	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1617.600	39.83	-16.95	74.0	34.17	Peak	169.00	400	Horizontal	Pass
1**	1617.600	28.93	-16.95	54.0	25.07	AV	169.00	400	Horizontal	Pass
2	4387.000	47.11	-4.61	74.0	26.89	Peak	338.00	400	Horizontal	Pass
2**	4387.000	38.55	-4.61	54.0	15.45	AV	338.00	400	Horizontal	Pass
3	5181.000	108.85	-2.37	--	--	Peak	177.00	150	Horizontal	N/A
3**	5181.000	102.02	-2.37	--	--	AV	177.00	150	Horizontal	N/A
4	7710.000	53.43	1.69	74.0	20.57	Peak	116.00	300	Horizontal	Pass
4**	7710.000	44.39	1.69	54.0	9.61	AV	116.00	300	Horizontal	Pass
5	12465.950	52.92	1.17	74.0	21.08	Peak	11.00	100	Horizontal	Pass
5**	12465.950	42.80	1.17	54.0	11.20	AV	11.00	100	Horizontal	Pass
6	16090.575	54.60	1.63	74.0	19.40	Peak	-1.00	200	Horizontal	Pass
6**	16090.575	45.98	1.63	54.0	8.02	AV	-1.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.900	41.86	-16.70	74.0	32.14	Peak	268.00	200	Vertical	Pass
1**	1613.900	30.42	-16.70	54.0	23.58	AV	268.00	200	Vertical	Pass
2	4306.250	47.02	-5.20	74.0	26.98	Peak	284.00	300	Vertical	Pass
2**	4306.250	38.99	-5.20	54.0	15.01	AV	284.00	300	Vertical	Pass
3	5179.000	102.13	-2.65	--	--	Peak	242.00	100	Vertical	N/A
3**	5179.000	94.84	-2.65	--	--	AV	242.00	100	Vertical	N/A
4	7705.500	53.75	1.77	74.0	20.25	Peak	360.00	200	Vertical	Pass
4**	7705.500	45.37	1.77	54.0	8.63	AV	360.00	200	Vertical	Pass
5	12273.338	52.63	0.85	74.0	21.37	Peak	45.00	200	Vertical	Pass
5**	12273.338	43.80	0.85	54.0	10.20	AV	45.00	200	Vertical	Pass
6	16074.037	54.74	1.41	74.0	19.26	Peak	4.00	400	Vertical	Pass
6**	16074.037	45.23	1.41	54.0	8.77	AV	4.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.400	39.93	-16.86	74.0	34.07	Peak	301.00	300	Horizontal	Pass
1**	1582.400	29.41	-16.86	54.0	24.59	AV	301.00	300	Horizontal	Pass
2	4279.500	47.41	-4.86	74.0	26.59	Peak	239.00	100	Horizontal	Pass
2**	4279.500	37.68	-4.86	54.0	16.32	AV	239.00	100	Horizontal	Pass
3	5221.500	109.42	-3.10	--	--	Peak	177.00	100	Horizontal	N/A
3**	5221.500	101.66	-3.10	--	--	AV	177.00	100	Horizontal	N/A
4	7423.000	53.25	1.54	74.0	20.75	Peak	16.00	200	Horizontal	Pass
4**	7423.000	44.81	1.54	54.0	9.19	AV	16.00	200	Horizontal	Pass
5	11797.625	53.42	-0.15	74.0	20.58	Peak	360.00	200	Horizontal	Pass
5**	11797.625	43.51	-0.15	54.0	10.49	AV	360.00	200	Horizontal	Pass
6	16128.900	54.54	1.98	74.0	19.46	Peak	157.00	200	Horizontal	Pass
6**	16128.900	46.05	1.98	54.0	7.95	AV	157.00	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	1619.400	41.75	-17.05	74.0	32.25	Peak	320.00	200	Vertical	Pass
1**	1619.400	31.47	-17.05	54.0	22.53	AV	320.00	200	Vertical	Pass
2	4193.750	47.72	-5.46	74.0	26.28	Peak	57.00	300	Vertical	Pass
2**	4193.750	37.27	-5.46	54.0	16.73	AV	57.00	300	Vertical	Pass
3	5221.500	102.84	-3.10	--	--	Peak	208.00	150	Vertical	N/A
3**	5221.500	95.47	-3.10	--	--	AV	208.00	150	Vertical	N/A
4	7710.500	55.00	1.96	74.0	19.00	Peak	208.00	300	Vertical	Pass
4**	7710.500	45.34	1.96	54.0	8.66	AV	208.00	300	Vertical	Pass
5	12437.687	53.25	1.05	74.0	20.75	Peak	265.00	200	Vertical	Pass
5**	12437.687	42.68	1.05	54.0	11.32	AV	265.00	200	Vertical	Pass
6	16134.150	54.54	2.02	74.0	19.46	Peak	53.00	200	Vertical	Pass
6**	16134.150	45.42	2.02	54.0	8.58	AV	53.00	200	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	1611.400	39.83	-16.96	74.0	34.17	Peak	179.00	100	Horizontal	Pass
1**	1611.400	28.78	-16.96	54.0	25.22	AV	179.00	100	Horizontal	Pass
2	4096.750	47.22	-5.89	74.0	26.78	Peak	330.00	300	Horizontal	Pass
2**	4096.750	37.15	-5.89	54.0	16.85	AV	330.00	300	Horizontal	Pass
3	5237.750	109.01	-2.98	--	--	Peak	172.00	100	Horizontal	N/A
3**	5237.750	102.31	-2.98	--	--	AV	172.00	100	Horizontal	N/A
4	7710.000	53.28	1.69	74.0	20.72	Peak	43.00	300	Horizontal	Pass
4**	7710.000	44.72	1.69	54.0	9.28	AV	43.00	300	Horizontal	Pass
5	12205.175	53.06	0.48	74.0	20.94	Peak	35.00	200	Horizontal	Pass
5**	12205.175	43.40	0.48	54.0	10.60	AV	35.00	200	Horizontal	Pass
6	16132.838	54.83	2.01	74.0	19.17	Peak	71.00	300	Horizontal	Pass
6**	16132.838	45.65	2.01	54.0	8.35	AV	71.00	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	1615.500	41.82	-17.04	74.0	32.18	Peak	305.00	400	Vertical	Pass
1**	1615.500	29.85	-17.04	54.0	24.15	AV	305.00	400	Vertical	Pass
2	4248.750	47.98	-4.39	74.0	26.02	Peak	19.00	300	Vertical	Pass
2**	4248.750	38.16	-4.39	54.0	15.84	AV	19.00	300	Vertical	Pass
3	5241.500	101.19	-3.10	--	--	Peak	349.00	100	Vertical	N/A
3**	5241.500	93.73	-3.10	--	--	AV	349.00	100	Vertical	N/A
4	7358.000	53.87	0.60	74.0	20.13	Peak	349.00	400	Vertical	Pass
4**	7358.000	44.25	0.60	54.0	9.75	AV	349.00	400	Vertical	Pass
5	12436.975	52.98	1.06	74.0	21.02	Peak	339.00	200	Vertical	Pass
5**	12436.975	44.02	1.06	54.0	9.98	AV	339.00	200	Vertical	Pass
6	16095.563	55.40	1.69	74.0	18.60	Peak	189.00	400	Vertical	Pass
6**	16095.563	45.91	1.69	54.0	8.09	AV	189.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.500	40.82	-16.92	74.0	33.18	Peak	176.00	100	Horizontal	Pass
1**	1620.500	29.05	-16.92	54.0	24.95	AV	176.00	100	Horizontal	Pass
2	4116.000	47.25	-5.80	74.0	26.75	Peak	360.00	300	Horizontal	Pass
2**	4116.000	37.08	-5.80	54.0	16.92	AV	360.00	300	Horizontal	Pass
3	5182.000	109.82	-2.38	--	--	Peak	177.00	150	Horizontal	N/A
3**	5182.000	101.76	-2.38	--	--	AV	177.00	150	Horizontal	N/A
4	7421.000	53.63	1.19	74.0	20.37	Peak	133.00	100	Horizontal	Pass
4**	7421.000	44.32	1.19	54.0	9.68	AV	133.00	100	Horizontal	Pass
5	12237.000	52.82	0.92	74.0	21.18	Peak	324.00	150	Horizontal	Pass
5**	12237.000	42.79	0.92	54.0	11.21	AV	324.00	150	Horizontal	Pass
6	16140.188	55.08	2.07	74.0	18.92	Peak	151.00	400	Horizontal	Pass
6**	16140.188	45.70	2.07	54.0	8.30	AV	151.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.700	41.86	-16.98	74.0	32.14	Peak	297.00	300	Vertical	Pass
1**	1624.700	29.35	-16.98	54.0	24.65	AV	297.00	300	Vertical	Pass
2	4195.750	47.35	-5.61	74.0	26.65	Peak	275.00	300	Vertical	Pass
2**	4195.750	37.46	-5.61	54.0	16.54	AV	275.00	300	Vertical	Pass
3	5181.000	101.95	-2.37	--	--	Peak	255.00	150	Vertical	N/A
3**	5181.000	95.18	-2.37	--	--	AV	255.00	150	Vertical	N/A
4	7705.250	53.48	2.03	74.0	20.52	Peak	68.00	300	Vertical	Pass
4**	7705.250	45.89	2.03	54.0	8.11	AV	68.00	300	Vertical	Pass
5	12267.400	53.75	0.91	74.0	20.25	Peak	199.00	200	Vertical	Pass
5**	12267.400	43.14	0.91	54.0	10.86	AV	199.00	200	Vertical	Pass
6	15417.525	54.79	2.61	74.0	19.21	Peak	63.00	100	Vertical	Pass
6**	15417.525	44.86	2.61	54.0	9.14	AV	63.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.900	39.89	-17.02	74.0	34.11	Peak	178.00	100	Horizontal	Pass
1**	1621.900	28.44	-17.02	54.0	25.56	AV	178.00	100	Horizontal	Pass
2	4335.500	46.84	-4.83	74.0	27.16	Peak	360.00	100	Horizontal	Pass
2**	4335.500	37.77	-4.83	54.0	16.23	AV	360.00	100	Horizontal	Pass
3	5221.000	109.03	-2.98	--	--	Peak	187.00	200	Horizontal	N/A
3**	5221.000	101.88	-2.98	--	--	AV	187.00	200	Horizontal	N/A
4	7677.000	53.57	1.01	74.0	20.43	Peak	230.00	400	Horizontal	Pass
4**	7677.000	44.21	1.01	54.0	9.79	AV	230.00	400	Horizontal	Pass
5	12250.063	53.13	1.10	74.0	20.87	Peak	47.00	100	Horizontal	Pass
5**	12250.063	43.76	1.10	54.0	10.24	AV	47.00	100	Horizontal	Pass
6	16106.588	55.20	1.80	74.0	18.80	Peak	26.00	400	Horizontal	Pass
6**	16106.588	46.96	1.80	54.0	7.04	AV	26.00	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	1605.100	41.60	-16.61	74.0	32.40	Peak	298.00	100	Vertical	Pass
1**	1605.100	30.79	-16.61	54.0	23.21	AV	298.00	100	Vertical	Pass
2	4350.500	47.08	-4.54	74.0	26.92	Peak	276.00	400	Vertical	Pass
2**	4350.500	38.61	-4.54	54.0	15.39	AV	276.00	400	Vertical	Pass
3	5217.000	103.06	-2.95	--	--	Peak	253.00	100	Vertical	N/A
3**	5217.000	94.65	-2.95	--	--	AV	253.00	100	Vertical	N/A
4	7488.000	53.47	1.53	74.0	20.53	Peak	18.00	400	Vertical	Pass
4**	7488.000	44.51	1.53	54.0	9.49	AV	18.00	400	Vertical	Pass
5	12483.049	52.82	1.30	74.0	21.18	Peak	222.00	100	Vertical	Pass
5**	12483.049	43.02	1.30	54.0	10.98	AV	222.00	100	Vertical	Pass
6	15898.424	54.66	2.01	74.0	19.34	Peak	11.00	400	Vertical	Pass
6**	15898.424	45.35	2.01	54.0	8.65	AV	11.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1619.300	39.55	-16.99	74.0	34.45	Peak	183.00	400	Horizontal	Pass
1**	1619.300	28.65	-16.99	54.0	25.35	AV	183.00	400	Horizontal	Pass
2	4323.000	47.44	-4.83	74.0	26.56	Peak	283.00	100	Horizontal	Pass
2**	4323.000	38.18	-4.83	54.0	15.82	AV	283.00	100	Horizontal	Pass
3	5242.750	108.92	-3.05	--	--	Peak	212.00	100	Horizontal	N/A
3**	5242.750	101.33	-3.05	--	--	AV	212.00	100	Horizontal	N/A
4	7703.250	53.82	1.19	74.0	20.18	Peak	19.00	400	Horizontal	Pass
4**	7703.250	44.30	1.19	54.0	9.70	AV	19.00	400	Horizontal	Pass
5	11691.938	52.97	-0.65	74.0	21.03	Peak	348.00	200	Horizontal	Pass
5**	11691.938	42.73	-0.65	54.0	11.27	AV	348.00	200	Horizontal	Pass
6	16155.150	55.03	2.12	74.0	18.97	Peak	271.00	100	Horizontal	Pass
6**	16155.150	44.62	2.12	54.0	9.38	AV	271.00	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	1626.500	41.67	-16.76	74.0	32.33	Peak	267.00	300	Vertical	Pass
1**	1626.500	30.56	-16.76	54.0	23.44	AV	267.00	300	Vertical	Pass
2	4313.750	46.99	-5.13	74.0	27.01	Peak	113.00	200	Vertical	Pass
2**	4313.750	38.05	-5.13	54.0	15.95	AV	113.00	200	Vertical	Pass
3	5237.750	101.85	-2.98	--	--	Peak	237.00	150	Vertical	N/A
3**	5237.750	94.01	-2.98	--	--	AV	237.00	150	Vertical	N/A
4	7430.000	53.70	1.05	74.0	20.30	Peak	210.00	100	Vertical	Pass
4**	7430.000	44.19	1.05	54.0	9.81	AV	210.00	100	Vertical	Pass
5	12531.974	52.65	1.25	74.0	21.35	Peak	115.00	150	Vertical	Pass
5**	12531.974	44.29	1.25	54.0	9.71	AV	115.00	150	Vertical	Pass
6	16106.325	55.03	1.80	74.0	18.97	Peak	330.00	100	Vertical	Pass
6**	16106.325	45.62	1.80	54.0	8.38	AV	330.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.000	39.84	-16.86	74.0	34.16	Peak	176.00	300	Horizontal	Pass
1**	1620.000	29.45	-16.86	54.0	24.55	AV	176.00	300	Horizontal	Pass
2	4116.250	46.98	-5.72	74.0	27.02	Peak	157.00	100	Horizontal	Pass
2**	4116.250	37.09	-5.72	54.0	16.91	AV	157.00	100	Horizontal	Pass
3	5191.750	107.24	-2.58	--	--	Peak	177.00	150	Horizontal	N/A
3**	5191.750	99.38	-2.58	--	--	AV	177.00	150	Horizontal	N/A
4	7697.500	53.69	0.99	74.0	20.31	Peak	300.00	200	Horizontal	Pass
4**	7697.500	43.59	0.99	54.0	10.41	AV	300.00	200	Horizontal	Pass
5	12506.325	53.06	1.40	74.0	20.94	Peak	13.00	100	Horizontal	Pass
5**	12506.325	43.45	1.40	54.0	10.55	AV	13.00	100	Horizontal	Pass
6	16140.450	55.38	2.08	74.0	18.62	Peak	53.00	200	Horizontal	Pass
6**	16140.450	44.92	2.08	54.0	9.08	AV	53.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1614.900	42.54	-17.15	74.0	31.46	Peak	305.00	300	Vertical	Pass
1**	1614.900	31.27	-17.15	54.0	22.73	AV	305.00	300	Vertical	Pass
2	4399.500	48.25	-4.86	74.0	25.75	Peak	16.00	300	Vertical	Pass
2**	4399.500	37.87	-4.86	54.0	16.13	AV	16.00	300	Vertical	Pass
3	5186.250	101.27	-2.42	--	--	Peak	215.00	200	Vertical	N/A
3**	5186.250	93.17	-2.42	--	--	AV	215.00	200	Vertical	N/A
4	7710.250	53.65	1.90	74.0	20.35	Peak	36.00	100	Vertical	Pass
4**	7710.250	45.12	1.90	54.0	8.88	AV	36.00	100	Vertical	Pass
5	12511.313	52.67	1.37	74.0	21.33	Peak	200.00	200	Vertical	Pass
5**	12511.313	43.61	1.37	54.0	10.39	AV	200.00	200	Vertical	Pass
6	15899.737	54.60	2.02	74.0	19.40	Peak	0.00	200	Vertical	Pass
6**	15899.737	45.00	2.02	54.0	9.00	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1619.200	39.94	-16.92	74.0	34.06	Peak	289.00	400	Horizontal	Pass
1**	1619.200	29.44	-16.92	54.0	24.56	AV	289.00	400	Horizontal	Pass
2	4323.250	47.16	-4.71	74.0	26.84	Peak	262.00	100	Horizontal	Pass
2**	4323.250	38.40	-4.71	54.0	15.60	AV	262.00	100	Horizontal	Pass
3	5232.750	108.16	-3.05	--	--	Peak	179.00	200	Horizontal	N/A
3**	5232.750	100.95	-3.05	--	--	AV	179.00	200	Horizontal	N/A
4	7711.500	53.56	1.98	74.0	20.44	Peak	18.00	100	Horizontal	Pass
4**	7711.500	44.74	1.98	54.0	9.26	AV	18.00	100	Horizontal	Pass
5	12235.338	52.63	0.90	74.0	21.37	Peak	39.00	150	Horizontal	Pass
5**	12235.338	42.77	0.90	54.0	11.23	AV	39.00	150	Horizontal	Pass
6	16109.213	54.70	1.82	74.0	19.30	Peak	28.00	400	Horizontal	Pass
6**	16109.213	45.07	1.82	54.0	8.93	AV	28.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.000	41.97	-16.86	74.0	32.03	Peak	273.00	200	Vertical	Pass
1**	1621.000	30.60	-16.86	54.0	23.40	AV	273.00	200	Vertical	Pass
2	4286.750	46.94	-4.57	74.0	27.06	Peak	360.00	400	Vertical	Pass
2**	4286.750	37.76	-4.57	54.0	16.24	AV	360.00	400	Vertical	Pass
3	5226.500	101.49	-3.22	--	--	Peak	198.00	150	Vertical	N/A
3**	5226.500	93.19	-3.22	--	--	AV	198.00	150	Vertical	N/A
4	7711.750	54.06	2.04	74.0	19.94	Peak	259.00	100	Vertical	Pass
4**	7711.750	44.94	2.04	54.0	9.06	AV	259.00	100	Vertical	Pass
5	12218.000	52.95	0.66	74.0	21.05	Peak	204.00	150	Vertical	Pass
5**	12218.000	43.83	0.66	54.0	10.17	AV	204.00	150	Vertical	Pass
6	16130.737	55.33	2.00	74.0	18.67	Peak	220.00	400	Vertical	Pass
6**	16130.737	45.42	2.00	54.0	8.58	AV	220.00	400	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	1613.900	39.98	-16.70	74.0	34.02	Peak	179.00	200	Horizontal	Pass
1**	1613.900	29.10	-16.70	54.0	24.90	AV	179.00	200	Horizontal	Pass
2	4306.250	47.20	-5.20	74.0	26.80	Peak	232.00	100	Horizontal	Pass
2**	4306.250	38.29	-5.20	54.0	15.71	AV	232.00	100	Horizontal	Pass
3	5183.750	109.19	-2.33	--	--	Peak	167.00	100	Horizontal	N/A
3**	5183.750	101.11	-2.33	--	--	AV	167.00	100	Horizontal	N/A
4	7602.500	53.83	0.65	74.0	20.17	Peak	276.00	200	Horizontal	Pass
4**	7602.500	44.18	0.65	54.0	9.82	AV	276.00	200	Horizontal	Pass
5	12274.050	52.52	0.84	74.0	21.48	Peak	188.00	150	Horizontal	Pass
5**	12274.050	43.54	0.84	54.0	10.46	AV	188.00	150	Horizontal	Pass
6	16102.651	55.01	1.77	74.0	18.99	Peak	76.00	400	Horizontal	Pass
6**	16102.651	46.24	1.77	54.0	7.76	AV	76.00	400	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	1602.600	41.70	-16.97	74.0	32.30	Peak	322.00	200	Vertical	Pass
1**	1602.600	29.45	-16.97	54.0	24.55	AV	322.00	200	Vertical	Pass
2	4318.750	47.13	-5.17	74.0	26.87	Peak	14.00	300	Vertical	Pass
2**	4318.750	37.92	-5.17	54.0	16.08	AV	14.00	300	Vertical	Pass
3	5178.500	102.46	-2.63	--	--	Peak	246.00	200	Vertical	N/A
3**	5178.500	94.75	-2.63	--	--	AV	246.00	200	Vertical	N/A
4	7334.500	53.87	0.02	74.0	20.13	Peak	175.00	200	Vertical	Pass
4**	7334.500	44.39	0.02	54.0	9.61	AV	175.00	200	Vertical	Pass
5	12524.375	52.85	1.30	74.0	21.15	Peak	197.00	100	Vertical	Pass
5**	12524.375	44.05	1.30	54.0	9.95	AV	197.00	100	Vertical	Pass
6	16058.812	54.71	1.21	74.0	19.29	Peak	360.00	400	Vertical	Pass
6**	16058.812	45.13	1.21	54.0	8.87	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	1604.400	39.45	-16.80	74.0	34.55	Peak	195.00	200	Horizontal	Pass
1**	1604.400	30.95	-16.80	54.0	23.05	AV	195.00	200	Horizontal	Pass
2	4034.000	47.35	-5.93	74.0	26.65	Peak	267.00	200	Horizontal	Pass
2**	4034.000	37.76	-5.93	54.0	16.24	AV	267.00	200	Horizontal	Pass
3	5218.000	109.53	-2.80	--	--	Peak	179.00	100	Horizontal	N/A
3**	5218.000	102.17	-2.80	--	--	AV	179.00	100	Horizontal	N/A
4	7419.000	53.15	0.98	74.0	20.85	Peak	65.00	200	Horizontal	Pass
4**	7419.000	46.65	0.98	54.0	7.35	AV	65.00	200	Horizontal	Pass
5	12412.037	53.20	1.09	74.0	20.80	Peak	78.00	100	Horizontal	Pass
5**	12412.037	43.57	1.09	54.0	10.43	AV	78.00	100	Horizontal	Pass
6	16165.387	54.66	2.05	74.0	19.34	Peak	53.00	300	Horizontal	Pass
6**	16165.387	44.54	2.05	54.0	9.46	AV	53.00	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	1614.100	41.50	-16.79	74.0	32.50	Peak	271.00	100	Vertical	Pass
1**	1614.100	31.23	-16.79	54.0	22.77	AV	271.00	100	Vertical	Pass
2	4341.750	47.78	-4.74	74.0	26.22	Peak	62.00	100	Vertical	Pass
2**	4341.750	37.24	-4.74	54.0	16.76	AV	62.00	100	Vertical	Pass
3	5222.000	102.14	-2.99	--	--	Peak	0.00	150	Vertical	N/A
3**	5222.000	95.63	-2.99	--	--	AV	0.00	150	Vertical	N/A
4	7425.750	54.58	1.30	74.0	19.42	Peak	170.00	200	Vertical	Pass
4**	7425.750	44.46	1.30	54.0	9.54	AV	170.00	200	Vertical	Pass
5	11597.412	53.02	-0.64	74.0	20.98	Peak	292.00	200	Vertical	Pass
5**	11597.412	43.28	-0.64	54.0	10.72	AV	292.00	200	Vertical	Pass
6	16110.262	54.69	1.83	74.0	19.31	Peak	283.00	100	Vertical	Pass
6**	16110.262	46.31	1.83	54.0	7.69	AV	283.00	100	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	1614.400	39.54	-17.08	74.0	34.46	Peak	172.00	200	Horizontal	Pass
1**	1614.400	28.96	-17.08	54.0	25.04	AV	172.00	200	Horizontal	Pass
2	4255.500	46.68	-3.95	74.0	27.32	Peak	360.00	300	Horizontal	Pass
2**	4255.500	38.55	-3.95	54.0	15.45	AV	360.00	300	Horizontal	Pass
3	5238.000	109.77	-3.05	--	--	Peak	182.00	150	Horizontal	N/A
3**	5238.000	102.18	-3.05	--	--	AV	182.00	150	Horizontal	N/A
4	7368.500	53.43	0.86	74.0	20.57	Peak	360.00	300	Horizontal	Pass
4**	7368.500	44.17	0.86	54.0	9.83	AV	360.00	300	Horizontal	Pass
5	12207.313	53.00	0.51	74.0	21.00	Peak	93.00	100	Horizontal	Pass
5**	12207.313	44.81	0.51	54.0	9.19	AV	93.00	100	Horizontal	Pass
6	16110.525	54.66	1.84	74.0	19.34	Peak	229.00	100	Horizontal	Pass
6**	16110.525	46.54	1.84	54.0	7.46	AV	229.00	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	1620.700	41.86	-16.97	74.0	32.14	Peak	327.00	400	Vertical	Pass
1**	1620.700	31.16	-16.97	54.0	22.84	AV	327.00	400	Vertical	Pass
2	4398.250	47.05	-5.08	74.0	26.95	Peak	0.00	200	Vertical	Pass
2**	4398.250	37.85	-5.08	54.0	16.15	AV	0.00	200	Vertical	Pass
3	5238.000	101.33	-3.05	--	--	Peak	230.00	200	Vertical	N/A
3**	5238.000	94.62	-3.05	--	--	AV	230.00	200	Vertical	N/A
4	7420.250	53.86	1.47	74.0	20.14	Peak	89.00	100	Vertical	Pass
4**	7420.250	44.70	1.47	54.0	9.30	AV	89.00	100	Vertical	Pass
5	12505.612	53.22	1.41	74.0	20.78	Peak	248.00	100	Vertical	Pass
5**	12505.612	43.12	1.41	54.0	10.88	AV	248.00	100	Vertical	Pass
6	15881.625	55.20	1.89	74.0	18.80	Peak	128.00	200	Vertical	Pass
6**	15881.625	45.54	1.89	54.0	8.46	AV	128.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1619.200	39.93	-16.92	74.0	34.07	Peak	171.00	100	Horizontal	Pass
1**	1619.200	29.95	-16.92	54.0	24.05	AV	171.00	100	Horizontal	Pass
2	4151.000	47.11	-5.44	74.0	26.89	Peak	360.00	400	Horizontal	Pass
2**	4151.000	37.84	-5.44	54.0	16.16	AV	360.00	400	Horizontal	Pass
3	5185.250	107.31	-2.37	--	--	Peak	176.00	150	Horizontal	N/A
3**	5185.250	99.31	-2.37	--	--	AV	176.00	150	Horizontal	N/A
4	7610.750	53.68	0.46	74.0	20.32	Peak	276.00	400	Horizontal	Pass
4**	7610.750	43.64	0.46	54.0	10.36	AV	276.00	400	Horizontal	Pass
5	12421.300	52.69	1.08	74.0	21.31	Peak	321.00	100	Horizontal	Pass
5**	12421.300	43.77	1.08	54.0	10.23	AV	321.00	100	Horizontal	Pass
6	16091.362	54.66	1.64	74.0	19.34	Peak	360.00	200	Horizontal	Pass
6**	16091.362	46.11	1.64	54.0	7.89	AV	360.00	200	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	1618.200	42.14	-16.97	74.0	31.86	Peak	295.00	100	Vertical	Pass
1**	1618.200	31.33	-16.97	54.0	22.67	AV	295.00	100	Vertical	Pass
2	4306.500	47.68	-5.21	74.0	26.32	Peak	177.00	400	Vertical	Pass
2**	4306.500	39.48	-5.21	54.0	14.52	AV	177.00	400	Vertical	Pass
3	5188.000	101.39	-2.45	--	--	Peak	198.00	100	Vertical	N/A
3**	5188.000	92.64	-2.45	--	--	AV	198.00	100	Vertical	N/A
4	7513.750	53.84	0.28	74.0	20.16	Peak	77.00	400	Vertical	Pass
4**	7513.750	43.83	0.28	54.0	10.17	AV	77.00	400	Vertical	Pass
5	11758.200	52.58	-0.19	74.0	21.42	Peak	113.00	150	Vertical	Pass
5**	11758.200	43.95	-0.19	54.0	10.05	AV	113.00	150	Vertical	Pass
6	16133.100	54.43	2.02	74.0	19.57	Peak	254.00	300	Vertical	Pass
6**	16133.100	46.04	2.02	54.0	7.96	AV	254.00	300	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	1621.700	40.04	-16.99	74.0	33.96	Peak	337.00	400	Horizontal	Pass
1**	1621.700	29.17	-16.99	54.0	24.83	AV	337.00	400	Horizontal	Pass
2	4275.000	46.82	-5.15	74.0	27.18	Peak	56.00	100	Horizontal	Pass
2**	4275.000	37.34	-5.15	54.0	16.66	AV	56.00	100	Horizontal	Pass
3	5232.250	108.43	-2.99	--	--	Peak	179.00	200	Horizontal	N/A
3**	5232.250	101.03	-2.99	--	--	AV	179.00	200	Horizontal	N/A
4	7713.250	54.31	1.67	74.0	19.69	Peak	16.00	400	Horizontal	Pass
4**	7713.250	44.47	1.67	54.0	9.53	AV	16.00	400	Horizontal	Pass
5	12500.150	52.77	1.44	74.0	21.23	Peak	68.00	150	Horizontal	Pass
5**	12500.150	43.81	1.44	54.0	10.19	AV	68.00	150	Horizontal	Pass
6	16113.937	54.56	1.86	74.0	19.44	Peak	136.00	300	Horizontal	Pass
6**	16113.937	45.29	1.86	54.0	8.71	AV	136.00	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	1626.500	42.30	-16.76	74.0	31.70	Peak	293.00	200	Vertical	Pass
1**	1626.500	29.91	-16.76	54.0	24.09	AV	293.00	200	Vertical	Pass
2	4289.500	48.23	-4.55	74.0	25.77	Peak	316.00	200	Vertical	Pass
2**	4289.500	37.94	-4.55	54.0	16.06	AV	316.00	200	Vertical	Pass
3	5228.250	102.89	-3.20	--	--	Peak	196.00	150	Vertical	N/A
3**	5228.250	95.87	-3.20	--	--	AV	196.00	150	Vertical	N/A
4	7707.500	53.82	1.49	74.0	20.18	Peak	235.00	400	Vertical	Pass
4**	7707.500	44.57	1.49	54.0	9.43	AV	235.00	400	Vertical	Pass
5	12267.638	52.56	0.91	74.0	21.44	Peak	327.00	150	Vertical	Pass
5**	12267.638	43.74	0.91	54.0	10.26	AV	327.00	150	Vertical	Pass
6	15897.900	55.90	2.01	74.0	18.10	Peak	266.00	400	Vertical	Pass
6**	15897.900	45.62	2.01	54.0	8.38	AV	266.00	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	1604.700	40.25	-16.75	74.0	33.75	Peak	176.00	300	Horizontal	Pass
1**	1604.700	28.78	-16.75	54.0	25.22	AV	176.00	300	Horizontal	Pass
2	4252.000	47.24	-4.23	74.0	26.76	Peak	43.00	100	Horizontal	Pass
2**	4252.000	37.36	-4.23	54.0	16.64	AV	43.00	100	Horizontal	Pass
3	5203.500	104.98	-2.71	--	--	Peak	187.00	100	Horizontal	N/A
3**	5203.500	96.36	-2.71	--	--	AV	187.00	100	Horizontal	N/A
4	7423.250	54.03	1.41	74.0	19.97	Peak	19.00	200	Horizontal	Pass
4**	7423.250	44.59	1.41	54.0	9.41	AV	19.00	200	Horizontal	Pass
5	11763.900	52.92	-0.18	74.0	21.08	Peak	166.00	200	Horizontal	Pass
5**	11763.900	43.24	-0.18	54.0	10.76	AV	166.00	200	Horizontal	Pass
6	16098.187	55.37	1.73	74.0	18.63	Peak	186.00	100	Horizontal	Pass
6**	16098.187	45.56	1.73	54.0	8.44	AV	186.00	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	1616.100	42.41	-16.75	74.0	31.59	Peak	284.00	200	Vertical	Pass
1**	1616.100	29.83	-16.75	54.0	24.17	AV	284.00	200	Vertical	Pass
2	4391.000	47.47	-5.34	74.0	26.53	Peak	0.00	300	Vertical	Pass
2**	4391.000	38.00	-5.34	54.0	16.00	AV	0.00	300	Vertical	Pass
3	5218.000	98.77	-2.80	--	--	Peak	196.00	100	Vertical	N/A
3**	5218.000	90.76	-2.80	--	--	AV	196.00	100	Vertical	N/A
4	7702.500	54.58	1.37	74.0	19.42	Peak	318.00	300	Vertical	Pass
4**	7702.500	45.25	1.37	54.0	8.75	AV	318.00	300	Vertical	Pass
5	12270.725	53.25	0.88	74.0	20.75	Peak	87.00	200	Vertical	Pass
5**	12270.725	42.83	0.88	54.0	11.17	AV	87.00	200	Vertical	Pass
6	15909.188	54.82	1.87	74.0	19.18	Peak	199.00	300	Vertical	Pass
6**	15909.188	45.57	1.87	54.0	8.43	AV	199.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.600	39.80	-16.92	74.0	34.20	Peak	173.00	300	Horizontal	Pass
1**	1623.600	29.40	-16.92	54.0	24.60	AV	173.00	300	Horizontal	Pass
2	4331.000	47.36	-5.08	74.0	26.64	Peak	360.00	100	Horizontal	Pass
2**	4331.000	38.36	-5.08	54.0	15.64	AV	360.00	100	Horizontal	Pass
3	5263.250	108.47	-2.94	--	--	Peak	202.00	100	Horizontal	N/A
3**	5263.250	101.88	-2.94	--	--	AV	202.00	100	Horizontal	N/A
4	7619.500	53.46	0.60	74.0	20.54	Peak	360.00	300	Horizontal	Pass
4**	7619.500	45.42	0.60	54.0	8.58	AV	360.00	300	Horizontal	Pass
5	11745.613	52.91	-0.22	74.0	21.09	Peak	332.00	200	Horizontal	Pass
5**	11745.613	42.98	-0.22	54.0	11.02	AV	332.00	200	Horizontal	Pass
6	16076.137	54.79	1.44	74.0	19.21	Peak	165.00	100	Horizontal	Pass
6**	16076.137	45.76	1.44	54.0	8.24	AV	165.00	100	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	1620.800	42.00	-16.96	74.0	32.00	Peak	276.00	300	Vertical	Pass
1**	1620.800	30.29	-16.96	54.0	23.71	AV	276.00	300	Vertical	Pass
2	4127.000	47.50	-5.36	74.0	26.50	Peak	297.00	200	Vertical	Pass
2**	4127.000	38.47	-5.36	54.0	15.53	AV	297.00	200	Vertical	Pass
3	5262.000	102.76	-3.06	--	--	Peak	198.00	150	Vertical	N/A
3**	5262.000	95.89	-3.06	--	--	AV	198.00	150	Vertical	N/A
4	7709.750	53.41	1.76	74.0	20.59	Peak	136.00	400	Vertical	Pass
4**	7709.750	44.38	1.76	54.0	9.62	AV	136.00	400	Vertical	Pass
5	12472.362	52.60	1.22	74.0	21.40	Peak	285.00	150	Vertical	Pass
5**	12472.362	42.96	1.22	54.0	11.04	AV	285.00	150	Vertical	Pass
6	15895.012	55.39	1.99	74.0	18.61	Peak	102.00	300	Vertical	Pass
6**	15895.012	45.81	1.99	54.0	8.19	AV	102.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1615.500	39.78	-17.04	74.0	34.22	Peak	178.00	300	Horizontal	Pass
1**	1615.500	28.88	-17.04	54.0	25.12	AV	178.00	300	Horizontal	Pass
2	4178.500	48.16	-5.12	74.0	25.84	Peak	16.00	300	Horizontal	Pass
2**	4178.500	38.12	-5.12	54.0	15.88	AV	16.00	300	Horizontal	Pass
3	5302.500	108.85	-2.81	--	--	Peak	177.00	150	Horizontal	N/A
3**	5302.500	101.45	-2.81	--	--	AV	177.00	150	Horizontal	N/A
4	7429.500	54.10	1.16	74.0	19.90	Peak	16.00	100	Horizontal	Pass
4**	7429.500	45.24	1.16	54.0	8.76	AV	16.00	100	Horizontal	Pass
5	12510.599	53.11	1.38	74.0	20.89	Peak	141.00	150	Horizontal	Pass
5**	12510.599	43.26	1.38	54.0	10.74	AV	141.00	150	Horizontal	Pass
6	15898.951	54.30	2.02	74.0	19.70	Peak	34.00	200	Horizontal	Pass
6**	15898.951	44.64	2.02	54.0	9.36	AV	34.00	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	1617.200	42.40	-16.99	74.0	31.60	Peak	284.00	100	Vertical	Pass
1**	1617.200	30.11	-16.99	54.0	23.89	AV	284.00	100	Vertical	Pass
2	4372.250	47.51	-5.21	74.0	26.49	Peak	277.00	400	Vertical	Pass
2**	4372.250	37.45	-5.21	54.0	16.55	AV	277.00	400	Vertical	Pass
3	5302.500	103.72	-2.81	--	--	Peak	196.00	200	Vertical	N/A
3**	5302.500	95.28	-2.81	--	--	AV	196.00	200	Vertical	N/A
4	7709.750	53.79	1.76	74.0	20.21	Peak	236.00	300	Vertical	Pass
4**	7709.750	45.00	1.76	54.0	9.00	AV	236.00	300	Vertical	Pass
5	11792.400	53.34	-0.15	74.0	20.66	Peak	343.00	100	Vertical	Pass
5**	11792.400	43.65	-0.15	54.0	10.35	AV	343.00	100	Vertical	Pass
6	15899.475	55.04	2.02	74.0	18.96	Peak	109.00	400	Vertical	Pass
6**	15899.475	45.60	2.02	54.0	8.40	AV	109.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.400	39.20	-17.15	74.0	34.80	Peak	169.00	200	Horizontal	Pass
1**	1570.400	28.53	-17.15	54.0	25.47	AV	169.00	200	Horizontal	Pass
2	4254.250	47.26	-4.53	74.0	26.74	Peak	279.00	200	Horizontal	Pass
2**	4254.250	37.42	-4.53	54.0	16.58	AV	279.00	200	Horizontal	Pass
3	5322.000	109.23	-2.96	--	--	Peak	179.00	150	Horizontal	N/A
3**	5322.000	102.04	-2.96	--	--	AV	179.00	150	Horizontal	N/A
4	7708.000	54.41	1.69	74.0	19.59	Peak	14.00	100	Horizontal	Pass
4**	7708.000	44.38	1.69	54.0	9.62	AV	14.00	100	Horizontal	Pass
5	12508.225	53.00	1.39	74.0	21.00	Peak	0.00	150	Horizontal	Pass
5**	12508.225	43.67	1.39	54.0	10.33	AV	0.00	150	Horizontal	Pass
6	15892.125	54.57	1.97	74.0	19.43	Peak	0.00	200	Horizontal	Pass
6**	15892.125	46.19	1.97	54.0	7.81	AV	0.00	200	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	1612.300	42.45	-16.85	74.0	31.55	Peak	23.00	200	Vertical	Pass
1**	1612.300	29.70	-16.85	54.0	24.30	AV	23.00	200	Vertical	Pass
2	4294.500	47.20	-4.72	74.0	26.80	Peak	338.00	300	Vertical	Pass
2**	4294.500	38.52	-4.72	54.0	15.48	AV	338.00	300	Vertical	Pass
3	5318.500	102.41	-3.13	--	--	Peak	177.00	200	Vertical	N/A
3**	5318.500	95.52	-3.13	--	--	AV	177.00	200	Vertical	N/A
4	7356.000	53.55	0.49	74.0	20.45	Peak	177.00	300	Vertical	Pass
4**	7356.000	43.76	0.49	54.0	10.24	AV	177.00	300	Vertical	Pass
5	12507.987	52.74	1.39	74.0	21.26	Peak	326.00	200	Vertical	Pass
5**	12507.987	44.22	1.39	54.0	9.78	AV	326.00	200	Vertical	Pass
6	16062.224	54.86	1.25	74.0	19.14	Peak	209.00	200	Vertical	Pass
6**	16062.224	45.37	1.25	54.0	8.63	AV	209.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.100	39.83	-16.80	74.0	34.17	Peak	175.00	400	Horizontal	Pass
1**	1621.100	30.34	-16.80	54.0	23.66	AV	175.00	400	Horizontal	Pass
2	4260.250	47.72	-4.42	74.0	26.28	Peak	269.00	100	Horizontal	Pass
2**	4260.250	38.27	-4.42	54.0	15.73	AV	269.00	100	Horizontal	Pass
3	5258.250	108.48	-3.30	--	--	Peak	185.00	100	Horizontal	N/A
3**	5258.250	100.94	-3.30	--	--	AV	185.00	100	Horizontal	N/A
4	7708.000	53.58	1.69	74.0	20.42	Peak	294.00	200	Horizontal	Pass
4**	7708.000	44.60	1.69	54.0	9.40	AV	294.00	200	Horizontal	Pass
5	11709.987	52.66	-0.45	74.0	21.34	Peak	175.00	200	Horizontal	Pass
5**	11709.987	43.04	-0.45	54.0	10.96	AV	175.00	200	Horizontal	Pass
6	15693.412	54.28	1.67	74.0	19.72	Peak	136.00	100	Horizontal	Pass
6**	15693.412	44.96	1.67	54.0	9.04	AV	136.00	100	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	1625.000	41.96	-17.06	74.0	32.04	Peak	274.00	200	Vertical	Pass
1**	1625.000	29.34	-17.06	54.0	24.66	AV	274.00	200	Vertical	Pass
2	4162.750	47.32	-5.53	74.0	26.68	Peak	216.00	100	Vertical	Pass
2**	4162.750	37.01	-5.53	54.0	16.99	AV	216.00	100	Vertical	Pass
3	5259.500	104.09	-2.78	--	--	Peak	196.00	150	Vertical	N/A
3**	5259.500	96.08	-2.78	--	--	AV	196.00	150	Vertical	N/A
4	7454.500	53.30	0.47	74.0	20.70	Peak	236.00	300	Vertical	Pass
4**	7454.500	43.57	0.47	54.0	10.43	AV	236.00	300	Vertical	Pass
5	11688.612	52.96	-0.71	74.0	21.04	Peak	72.00	150	Vertical	Pass
5**	11688.612	43.76	-0.71	54.0	10.24	AV	72.00	150	Vertical	Pass
6	16179.562	55.01	1.95	74.0	18.99	Peak	299.00	300	Vertical	Pass
6**	16179.562	44.35	1.95	54.0	9.65	AV	299.00	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	1592.700	39.98	-16.50	74.0	34.02	Peak	286.00	100	Horizontal	Pass
1**	1592.700	29.54	-16.50	54.0	24.46	AV	286.00	100	Horizontal	Pass
2	4164.250	47.25	-5.46	74.0	26.75	Peak	360.00	300	Horizontal	Pass
2**	4164.250	36.74	-5.46	54.0	17.26	AV	360.00	300	Horizontal	Pass
3	5296.500	109.39	-2.81	--	--	Peak	177.00	200	Horizontal	N/A
3**	5296.500	101.53	-2.81	--	--	AV	177.00	200	Horizontal	N/A
4	7664.750	53.58	1.19	74.0	20.42	Peak	236.00	300	Horizontal	Pass
4**	7664.750	45.04	1.19	54.0	8.96	AV	236.00	300	Horizontal	Pass
5	11800.475	53.35	-0.15	74.0	20.65	Peak	94.00	150	Horizontal	Pass
5**	11800.475	43.67	-0.15	54.0	10.33	AV	94.00	150	Horizontal	Pass
6	15375.000	55.49	2.68	74.0	18.51	Peak	336.00	100	Horizontal	Pass
6**	15375.000	44.64	2.68	54.0	9.36	AV	336.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1616.500	41.98	-16.93	74.0	32.02	Peak	285.00	100	Vertical	Pass
1**	1616.500	30.22	-16.93	54.0	23.78	AV	285.00	100	Vertical	Pass
2	4347.750	46.88	-4.71	74.0	27.12	Peak	216.00	400	Vertical	Pass
2**	4347.750	37.38	-4.71	54.0	16.62	AV	216.00	400	Vertical	Pass
3	5298.250	103.17	-2.76	--	--	Peak	196.00	200	Vertical	N/A
3**	5298.250	95.82	-2.76	--	--	AV	196.00	200	Vertical	N/A
4	7733.250	53.48	0.60	74.0	20.52	Peak	360.00	100	Vertical	Pass
4**	7733.250	43.81	0.60	54.0	10.19	AV	360.00	100	Vertical	Pass
5	12514.400	53.35	1.36	74.0	20.65	Peak	272.00	200	Vertical	Pass
5**	12514.400	43.52	1.36	54.0	10.48	AV	272.00	200	Vertical	Pass
6	16103.700	54.46	1.78	74.0	19.54	Peak	172.00	200	Vertical	Pass
6**	16103.700	45.47	1.78	54.0	8.53	AV	172.00	200	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	1610.800	39.86	-17.09	74.0	34.14	Peak	183.00	200	Horizontal	Pass
1**	1610.800	28.76	-17.09	54.0	25.24	AV	183.00	200	Horizontal	Pass
2	4316.000	47.61	-5.37	74.0	26.39	Peak	257.00	400	Horizontal	Pass
2**	4316.000	37.44	-5.37	54.0	16.56	AV	257.00	400	Horizontal	Pass
3	5317.750	108.27	-3.18	--	--	Peak	198.00	100	Horizontal	N/A
3**	5317.750	101.08	-3.18	--	--	AV	198.00	100	Horizontal	N/A
4	7706.500	53.91	1.58	74.0	20.09	Peak	0.00	100	Horizontal	Pass
4**	7706.500	45.14	1.58	54.0	8.86	AV	0.00	100	Horizontal	Pass
5	12448.612	52.64	1.04	74.0	21.36	Peak	21.00	200	Horizontal	Pass
5**	12448.612	43.36	1.04	54.0	10.64	AV	21.00	200	Horizontal	Pass
6	15700.237	54.94	1.60	74.0	19.06	Peak	94.00	400	Horizontal	Pass
6**	15700.237	45.64	1.60	54.0	8.36	AV	94.00	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	1622.800	42.29	-17.02	74.0	31.71	Peak	286.00	100	Vertical	Pass
1**	1622.800	30.04	-17.02	54.0	23.96	AV	286.00	100	Vertical	Pass
2	4325.750	47.23	-4.95	74.0	26.77	Peak	298.00	300	Vertical	Pass
2**	4325.750	37.65	-4.95	54.0	16.35	AV	298.00	300	Vertical	Pass
3	5315.500	102.00	-3.04	--	--	Peak	196.00	100	Vertical	N/A
3**	5315.500	94.46	-3.04	--	--	AV	196.00	100	Vertical	N/A
4	7695.250	54.01	1.15	74.0	19.99	Peak	317.00	200	Vertical	Pass
4**	7695.250	44.34	1.15	54.0	9.66	AV	317.00	200	Vertical	Pass
5	11790.262	52.43	-0.15	74.0	21.57	Peak	75.00	200	Vertical	Pass
5**	11790.262	42.61	-0.15	54.0	11.39	AV	75.00	200	Vertical	Pass
6	15658.237	54.62	2.05	74.0	19.38	Peak	118.00	100	Vertical	Pass
6**	15658.237	44.67	2.05	54.0	9.33	AV	118.00	100	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	1442.400	38.95	-16.77	74.0	35.05	Peak	201.00	200	Horizontal	Pass
1**	1442.400	29.61	-16.77	54.0	24.39	AV	201.00	200	Horizontal	Pass
2	4177.750	47.21	-5.32	74.0	26.79	Peak	68.00	200	Horizontal	Pass
2**	4177.750	39.40	-5.32	54.0	14.60	AV	68.00	200	Horizontal	Pass
3	5273.250	107.43	-2.56	--	--	Peak	187.00	200	Horizontal	N/A
3**	5273.250	99.45	-2.56	--	--	AV	187.00	200	Horizontal	N/A
4	7708.750	54.02	1.82	74.0	19.98	Peak	323.00	200	Horizontal	Pass
4**	7708.750	44.86	1.82	54.0	9.14	AV	323.00	200	Horizontal	Pass
5	11802.138	52.65	-0.17	74.0	21.35	Peak	280.00	200	Horizontal	Pass
5**	11802.138	43.19	-0.17	54.0	10.81	AV	280.00	200	Horizontal	Pass
6	16126.276	54.79	1.96	74.0	19.21	Peak	225.00	300	Horizontal	Pass
6**	16126.276	45.75	1.96	54.0	8.25	AV	225.00	300	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	1614.200	41.78	-16.89	74.0	32.22	Peak	322.00	400	Vertical	Pass
1**	1614.200	30.34	-16.89	54.0	23.66	AV	322.00	400	Vertical	Pass
2	4294.000	47.11	-4.73	74.0	26.89	Peak	41.00	100	Vertical	Pass
2**	4294.000	37.10	-4.73	54.0	16.90	AV	41.00	100	Vertical	Pass
3	5273.500	100.81	-2.50	--	--	Peak	215.00	100	Vertical	N/A
3**	5273.500	93.25	-2.50	--	--	AV	215.00	100	Vertical	N/A
4	7355.500	53.42	0.42	74.0	20.58	Peak	84.00	400	Vertical	Pass
4**	7355.500	43.80	0.42	54.0	10.20	AV	84.00	400	Vertical	Pass
5	12517.012	53.10	1.34	74.0	20.90	Peak	158.00	100	Vertical	Pass
5**	12517.012	43.75	1.34	54.0	10.25	AV	158.00	100	Vertical	Pass
6	16145.700	54.44	2.12	74.0	19.56	Peak	28.00	100	Vertical	Pass
6**	16145.700	44.55	2.12	54.0	9.45	AV	28.00	100	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	1626.400	39.34	-16.70	74.0	34.66	Peak	176.00	100	Horizontal	Pass
1**	1626.400	28.47	-16.70	54.0	25.53	AV	176.00	100	Horizontal	Pass
2	4339.000	46.60	-5.31	74.0	27.40	Peak	360.00	200	Horizontal	Pass
2**	4339.000	38.06	-5.31	54.0	15.94	AV	360.00	200	Horizontal	Pass
3	5315.000	106.74	-3.28	--	--	Peak	189.00	200	Horizontal	N/A
3**	5315.000	98.70	-3.28	--	--	AV	189.00	200	Horizontal	N/A
4	7709.000	53.94	1.89	74.0	20.06	Peak	275.00	200	Horizontal	Pass
4**	7709.000	45.23	1.89	54.0	8.77	AV	275.00	200	Horizontal	Pass
5	12450.037	53.27	1.04	74.0	20.73	Peak	334.00	150	Horizontal	Pass
5**	12450.037	42.73	1.04	54.0	11.27	AV	334.00	150	Horizontal	Pass
6	16090.838	55.21	1.63	74.0	18.79	Peak	238.00	100	Horizontal	Pass
6**	16090.838	44.89	1.63	54.0	9.11	AV	238.00	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	1623.700	41.89	-16.85	74.0	32.11	Peak	271.00	400	Vertical	Pass
1**	1623.700	29.66	-16.85	54.0	24.34	AV	271.00	400	Vertical	Pass
2	4025.500	46.83	-5.91	74.0	27.17	Peak	186.00	400	Vertical	Pass
2**	4025.500	38.05	-5.91	54.0	15.95	AV	186.00	400	Vertical	Pass
3	5312.250	100.30	-3.25	--	--	Peak	206.00	200	Vertical	N/A
3**	5312.250	93.30	-3.25	--	--	AV	206.00	200	Vertical	N/A
4	7708.500	54.25	1.84	74.0	19.75	Peak	249.00	300	Vertical	Pass
4**	7708.500	45.06	1.84	54.0	8.94	AV	249.00	300	Vertical	Pass
5	11455.388	52.45	-1.35	74.0	21.55	Peak	63.00	150	Vertical	Pass
5**	11455.388	42.01	-1.35	54.0	11.99	AV	63.00	150	Vertical	Pass
6	15903.150	54.05	1.97	74.0	19.95	Peak	106.00	400	Vertical	Pass
6**	15903.150	46.09	1.97	54.0	7.91	AV	106.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.600	39.70	-16.87	74.0	34.30	Peak	178.00	200	Horizontal	Pass
1**	1605.600	30.22	-16.87	54.0	23.78	AV	178.00	200	Horizontal	Pass
2	4340.500	47.74	-4.92	74.0	26.26	Peak	175.00	400	Horizontal	Pass
2**	4340.500	38.16	-4.92	54.0	15.84	AV	175.00	400	Horizontal	Pass
3	5262.750	109.14	-3.07	--	--	Peak	175.00	200	Horizontal	N/A
3**	5262.750	101.51	-3.07	--	--	AV	175.00	200	Horizontal	N/A
4	7706.750	53.51	1.65	74.0	20.49	Peak	134.00	200	Horizontal	Pass
4**	7706.750	45.28	1.65	54.0	8.72	AV	134.00	200	Horizontal	Pass
5	12208.500	53.35	0.52	74.0	20.65	Peak	9.00	100	Horizontal	Pass
5**	12208.500	43.22	0.52	54.0	10.78	AV	9.00	100	Horizontal	Pass
6	16095.037	54.69	1.69	74.0	19.31	Peak	116.00	100	Horizontal	Pass
6**	16095.037	45.76	1.69	54.0	8.24	AV	116.00	100	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	1625.400	42.29	-16.78	74.0	31.71	Peak	268.00	400	Vertical	Pass
1**	1625.400	30.95	-16.78	54.0	23.05	AV	268.00	400	Vertical	Pass
2	4238.500	47.25	-4.98	74.0	26.75	Peak	75.00	300	Vertical	Pass
2**	4238.500	37.63	-4.98	54.0	16.37	AV	75.00	300	Vertical	Pass
3	5261.250	102.26	-3.06	--	--	Peak	195.00	100	Vertical	N/A
3**	5261.250	95.68	-3.06	--	--	AV	195.00	100	Vertical	N/A
4	7423.250	53.50	1.41	74.0	20.50	Peak	316.00	100	Vertical	Pass
4**	7423.250	44.16	1.41	54.0	9.84	AV	316.00	100	Vertical	Pass
5	12491.125	53.26	1.37	74.0	20.74	Peak	255.00	150	Vertical	Pass
5**	12491.125	43.00	1.37	54.0	11.00	AV	255.00	150	Vertical	Pass
6	15685.800	54.47	1.76	74.0	19.53	Peak	187.00	100	Vertical	Pass
6**	15685.800	44.72	1.76	54.0	9.28	AV	187.00	100	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	1608.800	39.59	-17.31	74.0	34.41	Peak	213.00	300	Horizontal	Pass
1**	1608.800	29.21	-17.31	54.0	24.79	AV	213.00	300	Horizontal	Pass
2	4246.500	47.53	-4.30	74.0	26.47	Peak	36.00	200	Horizontal	Pass
2**	4246.500	38.11	-4.30	54.0	15.89	AV	36.00	200	Horizontal	Pass
3	5297.500	109.38	-2.72	--	--	Peak	177.00	150	Horizontal	N/A
3**	5297.500	102.45	-2.72	--	--	AV	177.00	150	Horizontal	N/A
4	7668.500	53.71	0.94	74.0	20.29	Peak	260.00	400	Horizontal	Pass
4**	7668.500	43.56	0.94	54.0	10.44	AV	260.00	400	Horizontal	Pass
5	12423.200	53.03	1.07	74.0	20.97	Peak	161.00	100	Horizontal	Pass
5**	12423.200	42.91	1.07	54.0	11.09	AV	161.00	100	Horizontal	Pass
6	15900.262	54.17	2.02	74.0	19.83	Peak	299.00	100	Horizontal	Pass
6**	15900.262	45.46	2.02	54.0	8.54	AV	299.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1614.600	42.58	-17.11	74.0	31.42	Peak	312.00	200	Vertical	Pass
1**	1614.600	29.66	-17.11	54.0	24.34	AV	312.00	200	Vertical	Pass
2	4289.500	47.53	-4.55	74.0	26.47	Peak	0.00	100	Vertical	Pass
2**	4289.500	38.41	-4.55	54.0	15.59	AV	0.00	100	Vertical	Pass
3	5299.250	103.26	-2.76	--	--	Peak	198.00	150	Vertical	N/A
3**	5299.250	96.02	-2.76	--	--	AV	198.00	150	Vertical	N/A
4	7704.750	53.68	2.00	74.0	20.32	Peak	257.00	100	Vertical	Pass
4**	7704.750	45.42	2.00	54.0	8.58	AV	257.00	100	Vertical	Pass
5	12402.775	52.61	1.10	74.0	21.39	Peak	102.00	150	Vertical	Pass
5**	12402.775	43.66	1.10	54.0	10.34	AV	102.00	150	Vertical	Pass
6	15902.099	55.16	1.99	74.0	18.84	Peak	338.00	100	Vertical	Pass
6**	15902.099	45.66	1.99	54.0	8.34	AV	338.00	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	1620.300	39.49	-16.89	74.0	34.51	Peak	286.00	300	Horizontal	Pass
1**	1620.300	30.09	-16.89	54.0	23.91	AV	286.00	300	Horizontal	Pass
2	4290.250	47.03	-4.86	74.0	26.97	Peak	218.00	400	Horizontal	Pass
2**	4290.250	38.29	-4.86	54.0	15.71	AV	218.00	400	Horizontal	Pass
3	5319.000	109.26	-3.49	--	--	Peak	177.00	200	Horizontal	N/A
3**	5319.000	101.60	-3.49	--	--	AV	177.00	200	Horizontal	N/A
4	7701.500	53.42	1.29	74.0	20.58	Peak	75.00	300	Horizontal	Pass
4**	7701.500	43.94	1.29	54.0	10.06	AV	75.00	300	Horizontal	Pass
5	12504.188	52.58	1.41	74.0	21.42	Peak	349.00	150	Horizontal	Pass
5**	12504.188	43.71	1.41	54.0	10.29	AV	349.00	150	Horizontal	Pass
6	15674.250	54.74	1.88	74.0	19.26	Peak	345.00	300	Horizontal	Pass
6**	15674.250	44.68	1.88	54.0	9.32	AV	345.00	300	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	1624.900	42.54	-17.03	74.0	31.46	Peak	293.00	200	Vertical	Pass
1**	1624.900	29.70	-17.03	54.0	24.30	AV	293.00	200	Vertical	Pass
2	4263.750	47.52	-4.69	74.0	26.48	Peak	237.00	100	Vertical	Pass
2**	4263.750	38.42	-4.69	54.0	15.58	AV	237.00	100	Vertical	Pass
3	5318.000	102.30	-3.10	--	--	Peak	196.00	150	Vertical	N/A
3**	5318.000	94.06	-3.10	--	--	AV	196.00	150	Vertical	N/A
4	7358.000	53.44	0.60	74.0	20.56	Peak	360.00	400	Vertical	Pass
4**	7358.000	44.24	0.60	54.0	9.76	AV	360.00	400	Vertical	Pass
5	12507.037	53.12	1.40	74.0	20.88	Peak	161.00	200	Vertical	Pass
5**	12507.037	43.16	1.40	54.0	10.84	AV	161.00	200	Vertical	Pass
6	15891.599	55.23	1.96	74.0	18.77	Peak	181.00	100	Vertical	Pass
6**	15891.599	45.16	1.96	54.0	8.84	AV	181.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.700	40.18	-16.99	74.0	33.82	Peak	222.00	400	Horizontal	Pass
1**	1600.700	28.49	-16.99	54.0	25.51	AV	222.00	400	Horizontal	Pass
2	4020.750	47.01	-6.04	74.0	26.99	Peak	78.00	400	Horizontal	Pass
2**	4020.750	37.57	-6.04	54.0	16.43	AV	78.00	400	Horizontal	Pass
3	5274.750	108.87	-2.56	--	--	Peak	182.00	100	Horizontal	N/A
3**	5274.750	100.74	-2.56	--	--	AV	182.00	100	Horizontal	N/A
4	7411.750	53.71	0.62	74.0	20.29	Peak	99.00	400	Horizontal	Pass
4**	7411.750	44.09	0.62	54.0	9.91	AV	99.00	400	Horizontal	Pass
5	12509.887	52.94	1.38	74.0	21.06	Peak	341.00	150	Horizontal	Pass
5**	12509.887	43.69	1.38	54.0	10.31	AV	341.00	150	Horizontal	Pass
6	16065.112	54.66	1.29	74.0	19.34	Peak	347.00	100	Horizontal	Pass
6**	16065.112	44.70	1.29	54.0	9.30	AV	347.00	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	1618.800	41.96	-16.94	74.0	32.04	Peak	292.00	300	Vertical	Pass
1**	1618.800	31.35	-16.94	54.0	22.65	AV	292.00	300	Vertical	Pass
2	4357.000	47.10	-4.64	74.0	26.90	Peak	360.00	200	Vertical	Pass
2**	4357.000	37.53	-4.64	54.0	16.47	AV	360.00	200	Vertical	Pass
3	5268.000	103.01	-2.68	--	--	Peak	204.00	200	Vertical	N/A
3**	5268.000	95.41	-2.68	--	--	AV	204.00	200	Vertical	N/A
4	7709.750	53.17	1.76	74.0	20.83	Peak	267.00	300	Vertical	Pass
4**	7709.750	44.70	1.76	54.0	9.30	AV	267.00	300	Vertical	Pass
5	12394.937	52.48	1.08	74.0	21.52	Peak	119.00	200	Vertical	Pass
5**	12394.937	43.30	1.08	54.0	10.70	AV	119.00	200	Vertical	Pass
6	16127.588	55.39	1.97	74.0	18.61	Peak	121.00	100	Vertical	Pass
6**	16127.588	45.57	1.97	54.0	8.43	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	1592.700	39.63	-16.50	74.0	34.37	Peak	266.00	300	Horizontal	Pass
1**	1592.700	29.48	-16.50	54.0	24.52	AV	266.00	300	Horizontal	Pass
2	4232.750	47.33	-5.13	74.0	26.67	Peak	55.00	100	Horizontal	Pass
2**	4232.750	37.44	-5.13	54.0	16.56	AV	55.00	100	Horizontal	Pass
3	5316.500	108.13	-2.91	--	--	Peak	176.00	150	Horizontal	N/A
3**	5316.500	101.04	-2.91	--	--	AV	176.00	150	Horizontal	N/A
4	7710.250	53.47	1.90	74.0	20.53	Peak	357.00	300	Horizontal	Pass
4**	7710.250	45.02	1.90	54.0	8.98	AV	357.00	300	Horizontal	Pass
5	11727.799	52.88	-0.34	74.0	21.12	Peak	190.00	200	Horizontal	Pass
5**	11727.799	42.27	-0.34	54.0	11.73	AV	190.00	200	Horizontal	Pass
6	16121.026	54.41	1.92	74.0	19.59	Peak	232.00	100	Horizontal	Pass
6**	16121.026	45.49	1.92	54.0	8.51	AV	232.00	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	1623.000	41.77	-16.98	74.0	32.23	Peak	268.00	200	Vertical	Pass
1**	1623.000	30.17	-16.98	54.0	23.83	AV	268.00	200	Vertical	Pass
2	4327.250	46.80	-5.03	74.0	27.20	Peak	55.00	400	Vertical	Pass
2**	4327.250	37.12	-5.03	54.0	16.88	AV	55.00	400	Vertical	Pass
3	5312.000	102.59	-3.21	--	--	Peak	196.00	100	Vertical	N/A
3**	5312.000	95.42	-3.21	--	--	AV	196.00	100	Vertical	N/A
4	7491.500	53.21	1.18	74.0	20.79	Peak	196.00	100	Vertical	Pass
4**	7491.500	44.22	1.18	54.0	9.78	AV	196.00	100	Vertical	Pass
5	12446.474	53.26	1.04	74.0	20.74	Peak	336.00	150	Vertical	Pass
5**	12446.474	43.75	1.04	54.0	10.25	AV	336.00	150	Vertical	Pass
6	16097.925	54.53	1.72	74.0	19.47	Peak	230.00	400	Vertical	Pass
6**	16097.925	45.53	1.72	54.0	8.47	AV	230.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.100	40.64	-16.60	74.0	33.36	Peak	186.00	400	Horizontal	Pass
1**	1613.100	29.65	-16.60	54.0	24.35	AV	186.00	400	Horizontal	Pass
2	4261.000	47.05	-4.51	74.0	26.95	Peak	55.00	100	Horizontal	Pass
2**	4261.000	37.89	-4.51	54.0	16.11	AV	55.00	100	Horizontal	Pass
3	5278.250	106.98	-3.00	--	--	Peak	175.00	100	Horizontal	N/A
3**	5278.250	98.74	-3.00	--	--	AV	175.00	100	Horizontal	N/A
4	7674.250	53.37	0.76	74.0	20.63	Peak	360.00	400	Horizontal	Pass
4**	7674.250	43.82	0.76	54.0	10.18	AV	360.00	400	Horizontal	Pass
5	12403.013	52.68	1.10	74.0	21.32	Peak	36.00	100	Horizontal	Pass
5**	12403.013	43.57	1.10	54.0	10.43	AV	36.00	100	Horizontal	Pass
6	16108.951	54.50	1.82	74.0	19.50	Peak	94.00	400	Horizontal	Pass
6**	16108.951	45.54	1.82	54.0	8.46	AV	94.00	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	1611.900	41.68	-16.83	74.0	32.32	Peak	32.00	300	Vertical	Pass
1**	1611.900	29.38	-16.83	54.0	24.62	AV	32.00	300	Vertical	Pass
2	4163.000	46.59	-5.44	74.0	27.41	Peak	14.00	300	Vertical	Pass
2**	4163.000	37.61	-5.44	54.0	16.39	AV	14.00	300	Vertical	Pass
3	5297.250	98.29	-2.70	--	--	Peak	218.00	100	Vertical	N/A
3**	5297.250	89.96	-2.70	--	--	AV	218.00	100	Vertical	N/A
4	7720.500	53.13	1.30	74.0	20.87	Peak	359.00	300	Vertical	Pass
4**	7720.500	43.83	1.30	54.0	10.17	AV	359.00	300	Vertical	Pass
5	12551.213	52.79	1.13	74.0	21.21	Peak	0.00	150	Vertical	Pass
5**	12551.213	43.19	1.13	54.0	10.81	AV	0.00	150	Vertical	Pass
6	16100.550	54.65	1.76	74.0	19.35	Peak	57.00	400	Vertical	Pass
6**	16100.550	45.39	1.76	54.0	8.61	AV	57.00	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	1599.800	40.05	-16.79	74.0	33.95	Peak	202.00	300	Horizontal	Pass
1**	1599.800	28.85	-16.79	54.0	25.15	AV	202.00	300	Horizontal	Pass
2	4251.000	47.00	-4.04	74.0	27.00	Peak	56.00	300	Horizontal	Pass
2**	4251.000	39.05	-4.04	54.0	14.95	AV	56.00	300	Horizontal	Pass
3	5497.000	108.82	-2.77	--	--	Peak	179.00	200	Horizontal	N/A
3**	5497.000	101.57	-2.77	--	--	AV	179.00	200	Horizontal	N/A
4	7705.750	53.80	1.53	74.0	20.20	Peak	179.00	400	Horizontal	Pass
4**	7705.750	44.65	1.53	54.0	9.35	AV	179.00	400	Horizontal	Pass
5	12465.475	52.57	1.16	74.0	21.43	Peak	243.00	200	Horizontal	Pass
5**	12465.475	44.38	1.16	54.0	9.62	AV	243.00	200	Horizontal	Pass
6	16121.287	54.82	1.92	74.0	19.18	Peak	360.00	400	Horizontal	Pass
6**	16121.287	46.03	1.92	54.0	7.97	AV	360.00	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	1623.300	41.24	-17.06	74.0	32.76	Peak	301.00	300	Vertical	Pass
1**	1623.300	30.54	-17.06	54.0	23.46	AV	301.00	300	Vertical	Pass
2	4318.250	47.36	-5.16	74.0	26.64	Peak	136.00	100	Vertical	Pass
2**	4318.250	37.45	-5.16	54.0	16.55	AV	136.00	100	Vertical	Pass
3	5498.500	99.90	-2.65	--	--	Peak	216.00	200	Vertical	N/A
3**	5498.500	92.32	-2.65	--	--	AV	216.00	200	Vertical	N/A
4	7695.500	53.54	1.35	74.0	20.46	Peak	196.00	300	Vertical	Pass
4**	7695.500	44.72	1.35	54.0	9.28	AV	196.00	300	Vertical	Pass
5	12477.825	52.63	1.26	74.0	21.37	Peak	336.00	100	Vertical	Pass
5**	12477.825	42.64	1.26	54.0	11.36	AV	336.00	100	Vertical	Pass
6	16094.250	54.67	1.67	74.0	19.33	Peak	102.00	300	Vertical	Pass
6**	16094.250	45.99	1.67	54.0	8.01	AV	102.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.900	39.52	-16.70	74.0	34.48	Peak	193.00	100	Horizontal	Pass
1**	1599.900	29.58	-16.70	54.0	24.42	AV	193.00	100	Horizontal	Pass
2	4252.000	47.00	-4.23	74.0	27.00	Peak	55.00	200	Horizontal	Pass
2**	4252.000	37.31	-4.23	54.0	16.69	AV	55.00	200	Horizontal	Pass
3	5581.000	110.19	-1.98	--	--	Peak	175.00	200	Horizontal	N/A
3**	5581.000	103.40	-1.98	--	--	AV	175.00	200	Horizontal	N/A
4	7705.250	53.55	2.03	74.0	20.45	Peak	216.00	200	Horizontal	Pass
4**	7705.250	44.19	2.03	54.0	9.81	AV	216.00	200	Horizontal	Pass
5	12476.637	52.61	1.25	74.0	21.39	Peak	8.00	150	Horizontal	Pass
5**	12476.637	42.97	1.25	54.0	11.03	AV	8.00	150	Horizontal	Pass
6	15901.838	54.41	2.00	74.0	19.59	Peak	125.00	300	Horizontal	Pass
6**	15901.838	45.12	2.00	54.0	8.88	AV	125.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.700	41.27	-16.97	74.0	32.73	Peak	275.00	100	Vertical	Pass
1**	1620.700	29.80	-16.97	54.0	24.20	AV	275.00	100	Vertical	Pass
2	4367.750	47.28	-4.61	74.0	26.72	Peak	55.00	300	Vertical	Pass
2**	4367.750	38.30	-4.61	54.0	15.70	AV	55.00	300	Vertical	Pass
3	5580.250	101.70	-1.82	--	--	Peak	216.00	100	Vertical	N/A
3**	5580.250	93.58	-1.82	--	--	AV	216.00	100	Vertical	N/A
4	7710.500	53.64	1.96	74.0	20.36	Peak	16.00	200	Vertical	Pass
4**	7710.500	45.29	1.96	54.0	8.71	AV	16.00	200	Vertical	Pass
5	12501.338	52.79	1.43	74.0	21.21	Peak	10.00	200	Vertical	Pass
5**	12501.338	44.09	1.43	54.0	9.91	AV	10.00	200	Vertical	Pass
6	16110.000	54.28	1.83	74.0	19.72	Peak	147.00	100	Vertical	Pass
6**	16110.000	45.81	1.83	54.0	8.19	AV	147.00	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	1598.400	39.91	-17.15	74.0	34.09	Peak	193.00	200	Horizontal	Pass
1**	1598.400	28.97	-17.15	54.0	25.03	AV	193.00	200	Horizontal	Pass
2	4052.000	47.28	-5.55	74.0	26.72	Peak	360.00	400	Horizontal	Pass
2**	4052.000	36.49	-5.55	54.0	17.51	AV	360.00	400	Horizontal	Pass
3	5702.000	109.58	-2.45	--	--	Peak	198.00	150	Horizontal	N/A
3**	5702.000	102.46	-2.45	--	--	AV	198.00	150	Horizontal	N/A
4	7708.500	53.38	1.84	74.0	20.62	Peak	293.00	400	Horizontal	Pass
4**	7708.500	45.36	1.84	54.0	8.64	AV	293.00	400	Horizontal	Pass
5	12699.412	52.63	0.42	74.0	21.37	Peak	5.00	100	Horizontal	Pass
5**	12699.412	43.26	0.42	54.0	10.74	AV	5.00	100	Horizontal	Pass
6	15949.350	54.41	1.17	74.0	19.59	Peak	189.00	200	Horizontal	Pass
6**	15949.350	45.02	1.17	54.0	8.98	AV	189.00	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	1623.800	41.09	-16.86	74.0	32.91	Peak	8.00	400	Vertical	Pass
1**	1623.800	30.14	-16.86	54.0	23.86	AV	8.00	400	Vertical	Pass
2	4291.500	47.25	-4.71	74.0	26.75	Peak	114.00	300	Vertical	Pass
2**	4291.500	37.89	-4.71	54.0	16.11	AV	114.00	300	Vertical	Pass
3	5703.500	102.05	-2.31	--	--	Peak	235.00	100	Vertical	N/A
3**	5703.500	94.98	-2.31	--	--	AV	235.00	100	Vertical	N/A
4	7515.000	53.11	0.03	74.0	20.89	Peak	360.00	200	Vertical	Pass
4**	7515.000	43.55	0.03	54.0	10.45	AV	360.00	200	Vertical	Pass
5	11800.713	53.22	-0.15	74.0	20.78	Peak	112.00	200	Vertical	Pass
5**	11800.713	43.87	-0.15	54.0	10.13	AV	112.00	200	Vertical	Pass
6	16086.375	54.26	1.57	74.0	19.74	Peak	218.00	400	Vertical	Pass
6**	16086.375	45.06	1.57	54.0	8.94	AV	218.00	400	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	1626.200	39.64	-16.77	74.0	34.36	Peak	195.00	300	Horizontal	Pass
1**	1626.200	29.08	-16.77	54.0	24.92	AV	195.00	300	Horizontal	Pass
2	4306.500	47.86	-5.21	74.0	26.14	Peak	360.00	300	Horizontal	Pass
2**	4306.500	40.53	-5.21	54.0	13.47	AV	360.00	300	Horizontal	Pass
3	5502.750	109.45	-2.98	--	--	Peak	177.00	200	Horizontal	N/A
3**	5502.750	101.60	-2.98	--	--	AV	177.00	200	Horizontal	N/A
4	7710.500	53.17	1.96	74.0	20.83	Peak	216.00	100	Horizontal	Pass
4**	7710.500	45.04	1.96	54.0	8.96	AV	216.00	100	Horizontal	Pass
5	12483.763	53.48	1.31	74.0	20.52	Peak	190.00	150	Horizontal	Pass
5**	12483.763	43.04	1.31	54.0	10.96	AV	190.00	150	Horizontal	Pass
6	16134.938	55.38	2.03	74.0	18.62	Peak	179.00	300	Horizontal	Pass
6**	16134.938	45.57	2.03	54.0	8.43	AV	179.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.000	41.46	-16.86	74.0	32.54	Peak	322.00	200	Vertical	Pass
1**	1621.000	30.09	-16.86	54.0	23.91	AV	322.00	200	Vertical	Pass
2	4000.000	46.58	-5.88	74.0	27.42	Peak	360.00	100	Vertical	Pass
2**	4000.000	37.39	-5.88	54.0	16.61	AV	360.00	100	Vertical	Pass
3	5497.500	99.58	-2.69	--	--	Peak	298.00	150	Vertical	N/A
3**	5497.500	91.80	-2.69	--	--	AV	298.00	150	Vertical	N/A
4	7420.000	53.52	1.50	74.0	20.48	Peak	157.00	100	Vertical	Pass
4**	7420.000	44.12	1.50	54.0	9.88	AV	157.00	100	Vertical	Pass
5	12529.362	53.17	1.27	74.0	20.83	Peak	236.00	150	Vertical	Pass
5**	12529.362	43.90	1.27	54.0	10.10	AV	236.00	150	Vertical	Pass
6	16141.237	54.44	2.08	74.0	19.56	Peak	199.00	400	Vertical	Pass
6**	16141.237	45.19	2.08	54.0	8.81	AV	199.00	400	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	1593.800	40.29	-16.90	74.0	33.71	Peak	195.00	300	Horizontal	Pass
1**	1593.800	29.32	-16.90	54.0	24.68	AV	195.00	300	Horizontal	Pass
2	4321.250	47.04	-5.02	74.0	26.96	Peak	199.00	400	Horizontal	Pass
2**	4321.250	37.49	-5.02	54.0	16.51	AV	199.00	400	Horizontal	Pass
3	5579.500	110.36	-1.85	--	--	Peak	179.00	200	Horizontal	N/A
3**	5579.500	103.52	-1.85	--	--	AV	179.00	200	Horizontal	N/A
4	7686.000	53.40	1.48	74.0	20.60	Peak	55.00	300	Horizontal	Pass
4**	7686.000	44.26	1.48	54.0	9.74	AV	55.00	300	Horizontal	Pass
5	12487.326	52.58	1.34	74.0	21.42	Peak	254.00	200	Horizontal	Pass
5**	12487.326	43.19	1.34	54.0	10.81	AV	254.00	200	Horizontal	Pass
6	15886.875	54.71	1.93	74.0	19.29	Peak	230.00	400	Horizontal	Pass
6**	15886.875	44.90	1.93	54.0	9.10	AV	230.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.400	40.84	-16.85	74.0	33.16	Peak	269.00	300	Vertical	Pass
1**	1621.400	30.37	-16.85	54.0	23.63	AV	269.00	300	Vertical	Pass
2	4130.750	47.37	-5.41	74.0	26.63	Peak	312.00	200	Vertical	Pass
2**	4130.750	38.20	-5.41	54.0	15.80	AV	312.00	200	Vertical	Pass
3	5581.000	102.16	-1.98	--	--	Peak	289.00	150	Vertical	N/A
3**	5581.000	95.01	-1.98	--	--	AV	289.00	150	Vertical	N/A
4	7743.250	53.92	0.06	74.0	20.08	Peak	245.00	200	Vertical	Pass
4**	7743.250	43.79	0.06	54.0	10.21	AV	245.00	200	Vertical	Pass
5	12503.950	52.74	1.42	74.0	21.26	Peak	183.00	100	Vertical	Pass
5**	12503.950	44.31	1.42	54.0	9.69	AV	183.00	100	Vertical	Pass
6	15909.975	54.76	1.85	74.0	19.24	Peak	0.00	100	Vertical	Pass
6**	15909.975	45.09	1.85	54.0	8.91	AV	0.00	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	1446.100	40.02	-17.13	74.0	33.98	Peak	259.00	400	Horizontal	Pass
1**	1446.100	28.81	-17.13	54.0	25.19	AV	259.00	400	Horizontal	Pass
2	4349.750	46.97	-4.66	74.0	27.03	Peak	345.00	400	Horizontal	Pass
2**	4349.750	38.12	-4.66	54.0	15.88	AV	345.00	400	Horizontal	Pass
3	5702.250	109.43	-2.42	--	--	Peak	206.00	100	Horizontal	N/A
3**	5702.250	102.07	-2.42	--	--	AV	206.00	100	Horizontal	N/A
4	7714.500	53.72	1.63	74.0	20.28	Peak	206.00	200	Horizontal	Pass
4**	7714.500	45.38	1.63	54.0	8.62	AV	206.00	200	Horizontal	Pass
5	12494.451	52.54	1.39	74.0	21.46	Peak	285.00	150	Horizontal	Pass
5**	12494.451	42.53	1.39	54.0	11.47	AV	285.00	150	Horizontal	Pass
6	16089.787	55.02	1.62	74.0	18.98	Peak	98.00	400	Horizontal	Pass
6**	16089.787	45.46	1.62	54.0	8.54	AV	98.00	400	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	1620.300	40.54	-16.89	74.0	33.46	Peak	0.00	400	Vertical	Pass
1**	1620.300	29.61	-16.89	54.0	24.39	AV	0.00	400	Vertical	Pass
2	4093.250	47.06	-5.83	74.0	26.94	Peak	234.00	400	Vertical	Pass
2**	4093.250	36.39	-5.83	54.0	17.61	AV	234.00	400	Vertical	Pass
3	5702.000	102.92	-2.45	--	--	Peak	234.00	200	Vertical	N/A
3**	5702.000	95.73	-2.45	--	--	AV	234.00	200	Vertical	N/A
4	7707.000	53.02	1.71	74.0	20.98	Peak	325.00	400	Vertical	Pass
4**	7707.000	44.21	1.71	54.0	9.79	AV	325.00	400	Vertical	Pass
5	12521.287	52.72	1.32	74.0	21.28	Peak	100.00	100	Vertical	Pass
5**	12521.287	43.36	1.32	54.0	10.64	AV	100.00	100	Vertical	Pass
6	15898.951	54.03	2.02	74.0	19.97	Peak	55.00	300	Vertical	Pass
6**	15898.951	44.85	2.02	54.0	9.15	AV	55.00	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	1619.900	39.64	-16.86	74.0	34.36	Peak	197.00	200	Horizontal	Pass
1**	1619.900	29.05	-16.86	54.0	24.95	AV	197.00	200	Horizontal	Pass
2	4342.750	47.19	-4.78	74.0	26.81	Peak	65.00	300	Horizontal	Pass
2**	4342.750	38.45	-4.78	54.0	15.55	AV	65.00	300	Horizontal	Pass
3	5511.250	107.54	-3.03	--	--	Peak	180.00	200	Horizontal	N/A
3**	5511.250	99.37	-3.03	--	--	AV	180.00	200	Horizontal	N/A
4	7487.500	53.58	1.35	74.0	20.42	Peak	292.00	100	Horizontal	Pass
4**	7487.500	45.73	1.35	54.0	8.27	AV	292.00	100	Horizontal	Pass
5	12497.063	52.91	1.42	74.0	21.09	Peak	287.00	200	Horizontal	Pass
5**	12497.063	42.80	1.42	54.0	11.20	AV	287.00	200	Horizontal	Pass
6	16098.713	54.30	1.73	74.0	19.70	Peak	306.00	200	Horizontal	Pass
6**	16098.713	45.76	1.73	54.0	8.24	AV	306.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.000	41.73	-17.01	74.0	32.27	Peak	268.00	300	Vertical	Pass
1**	1624.000	29.02	-17.01	54.0	24.98	AV	268.00	300	Vertical	Pass
2	4259.500	46.87	-4.55	74.0	27.13	Peak	194.00	400	Vertical	Pass
2**	4259.500	37.69	-4.55	54.0	16.31	AV	194.00	400	Vertical	Pass
3	5511.500	99.51	-3.02	--	--	Peak	218.00	150	Vertical	N/A
3**	5511.500	91.94	-3.02	--	--	AV	218.00	150	Vertical	N/A
4	7713.000	54.20	1.75	74.0	19.80	Peak	194.00	100	Vertical	Pass
4**	7713.000	44.55	1.75	54.0	9.45	AV	194.00	100	Vertical	Pass
5	12284.738	52.59	0.72	74.0	21.41	Peak	317.00	100	Vertical	Pass
5**	12284.738	42.23	0.72	54.0	11.77	AV	317.00	100	Vertical	Pass
6	16097.401	54.50	1.72	74.0	19.50	Peak	147.00	100	Vertical	Pass
6**	16097.401	45.42	1.72	54.0	8.58	AV	147.00	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	1623.600	39.70	-16.92	74.0	34.30	Peak	264.00	400	Horizontal	Pass
1**	1623.600	29.44	-16.92	54.0	24.56	AV	264.00	400	Horizontal	Pass
2	4368.000	47.35	-4.67	74.0	26.65	Peak	335.00	200	Horizontal	Pass
2**	4368.000	37.93	-4.67	54.0	16.07	AV	335.00	200	Horizontal	Pass
3	5592.500	107.87	-2.33	--	--	Peak	194.00	150	Horizontal	N/A
3**	5592.500	101.38	-2.33	--	--	AV	194.00	150	Horizontal	N/A
4	7714.750	53.67	1.62	74.0	20.33	Peak	96.00	400	Horizontal	Pass
4**	7714.750	44.14	1.62	54.0	9.86	AV	96.00	400	Horizontal	Pass
5	12267.400	52.80	0.91	74.0	21.20	Peak	351.00	150	Horizontal	Pass
5**	12267.400	43.17	0.91	54.0	10.83	AV	351.00	150	Horizontal	Pass
6	15916.800	55.03	1.74	74.0	18.97	Peak	96.00	300	Horizontal	Pass
6**	15916.800	44.99	1.74	54.0	9.01	AV	96.00	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	1593.500	40.44	-16.99	74.0	33.56	Peak	17.00	100	Vertical	Pass
1**	1593.500	29.37	-16.99	54.0	24.63	AV	17.00	100	Vertical	Pass
2	4337.750	46.70	-5.13	74.0	27.30	Peak	206.00	400	Vertical	Pass
2**	4337.750	37.30	-5.13	54.0	16.70	AV	206.00	400	Vertical	Pass
3	5587.000	100.70	-2.06	--	--	Peak	230.00	150	Vertical	N/A
3**	5587.000	93.18	-2.06	--	--	AV	230.00	150	Vertical	N/A
4	7689.500	53.59	1.04	74.0	20.41	Peak	41.00	100	Vertical	Pass
4**	7689.500	44.86	1.04	54.0	9.14	AV	41.00	100	Vertical	Pass
5	12424.863	53.58	1.07	74.0	20.42	Peak	0.00	200	Vertical	Pass
5**	12424.863	43.63	1.07	54.0	10.37	AV	0.00	200	Vertical	Pass
6	16120.762	54.62	1.92	74.0	19.38	Peak	185.00	300	Vertical	Pass
6**	16120.762	46.44	1.92	54.0	7.56	AV	185.00	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	1590.500	39.57	-17.04	74.0	34.43	Peak	191.00	300	Horizontal	Pass
1**	1590.500	30.58	-17.04	54.0	23.42	AV	191.00	300	Horizontal	Pass
2	4305.500	46.53	-5.12	74.0	27.47	Peak	65.00	400	Horizontal	Pass
2**	4305.500	38.56	-5.12	54.0	15.44	AV	65.00	400	Horizontal	Pass
3	5671.750	108.41	-2.34	--	--	Peak	179.00	200	Horizontal	N/A
3**	5671.750	100.90	-2.34	--	--	AV	179.00	200	Horizontal	N/A
4	7709.500	53.01	1.88	74.0	20.99	Peak	157.00	100	Horizontal	Pass
4**	7709.500	44.88	1.88	54.0	9.12	AV	157.00	100	Horizontal	Pass
5	12510.125	52.56	1.38	74.0	21.44	Peak	227.00	200	Horizontal	Pass
5**	12510.125	43.54	1.38	54.0	10.46	AV	227.00	200	Horizontal	Pass
6	16088.212	55.29	1.60	74.0	18.71	Peak	158.00	200	Horizontal	Pass
6**	16088.212	45.34	1.60	54.0	8.66	AV	158.00	200	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	1622.400	41.00	-17.26	74.0	33.00	Peak	2.00	400	Vertical	Pass
1**	1622.400	28.92	-17.26	54.0	25.08	AV	2.00	400	Vertical	Pass
2	4340.750	47.17	-4.79	74.0	26.83	Peak	39.00	200	Vertical	Pass
2**	4340.750	38.08	-4.79	54.0	15.92	AV	39.00	200	Vertical	Pass
3	5671.500	101.94	-2.33	--	--	Peak	221.00	150	Vertical	N/A
3**	5671.500	93.95	-2.33	--	--	AV	221.00	150	Vertical	N/A
4	7423.250	53.39	1.41	74.0	20.61	Peak	62.00	200	Vertical	Pass
4**	7423.250	44.10	1.41	54.0	9.90	AV	62.00	200	Vertical	Pass
5	11796.675	53.24	-0.15	74.0	20.76	Peak	146.00	150	Vertical	Pass
5**	11796.675	44.07	-0.15	54.0	9.93	AV	146.00	150	Vertical	Pass
6	16140.975	54.84	2.08	74.0	19.16	Peak	301.00	100	Vertical	Pass
6**	16140.975	45.32	2.08	54.0	8.68	AV	301.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.200	39.57	-16.76	74.0	34.43	Peak	210.00	300	Horizontal	Pass
1**	1621.200	30.04	-16.76	54.0	23.96	AV	210.00	300	Horizontal	Pass
2	4179.750	46.68	-5.21	74.0	27.32	Peak	237.00	100	Horizontal	Pass
2**	4179.750	37.45	-5.21	54.0	16.55	AV	237.00	100	Horizontal	Pass
3	5496.500	109.80	-2.36	--	--	Peak	177.00	200	Horizontal	N/A
3**	5496.500	102.02	-2.36	--	--	AV	177.00	200	Horizontal	N/A
4	7702.500	54.10	1.37	74.0	19.90	Peak	216.00	400	Horizontal	Pass
4**	7702.500	45.09	1.37	54.0	8.91	AV	216.00	400	Horizontal	Pass
5	11793.825	52.39	-0.15	74.0	21.61	Peak	221.00	200	Horizontal	Pass
5**	11793.825	42.85	-0.15	54.0	11.15	AV	221.00	200	Horizontal	Pass
6	16106.588	55.05	1.80	74.0	18.95	Peak	140.00	400	Horizontal	Pass
6**	16106.588	45.63	1.80	54.0	8.37	AV	140.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.000	42.01	-16.86	74.0	31.99	Peak	320.00	400	Vertical	Pass
1**	1620.000	29.87	-16.86	54.0	24.13	AV	320.00	400	Vertical	Pass
2	4289.750	46.84	-4.70	74.0	27.16	Peak	297.00	300	Vertical	Pass
2**	4289.750	37.43	-4.70	54.0	16.57	AV	297.00	300	Vertical	Pass
3	5499.000	99.59	-2.62	--	--	Peak	297.00	150	Vertical	N/A
3**	5499.000	92.45	-2.62	--	--	AV	297.00	150	Vertical	N/A
4	7638.750	53.61	0.42	74.0	20.39	Peak	258.00	200	Vertical	Pass
4**	7638.750	43.21	0.42	54.0	10.79	AV	258.00	200	Vertical	Pass
5	12516.537	53.06	1.34	74.0	20.94	Peak	165.00	100	Vertical	Pass
5**	12516.537	43.68	1.34	54.0	10.32	AV	165.00	100	Vertical	Pass
6	16126.276	54.97	1.96	74.0	19.03	Peak	79.00	200	Vertical	Pass
6**	16126.276	45.70	1.96	54.0	8.30	AV	79.00	200	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	1604.600	39.44	-16.79	74.0	34.56	Peak	195.00	200	Horizontal	Pass
1**	1604.600	28.99	-16.79	54.0	25.01	AV	195.00	200	Horizontal	Pass
2	4306.500	46.95	-5.21	74.0	27.05	Peak	16.00	400	Horizontal	Pass
2**	4306.500	38.77	-5.21	54.0	15.23	AV	16.00	400	Horizontal	Pass
3	5577.250	110.32	-1.99	--	--	Peak	176.00	100	Horizontal	N/A
3**	5577.250	103.39	-1.99	--	--	AV	176.00	100	Horizontal	N/A
4	7712.500	53.59	1.73	74.0	20.41	Peak	77.00	100	Horizontal	Pass
4**	7712.500	45.14	1.73	54.0	8.86	AV	77.00	100	Horizontal	Pass
5	12420.588	52.60	1.08	74.0	21.40	Peak	207.00	100	Horizontal	Pass
5**	12420.588	43.27	1.08	54.0	10.73	AV	207.00	100	Horizontal	Pass
6	16110.262	54.73	1.83	74.0	19.27	Peak	108.00	200	Horizontal	Pass
6**	16110.262	45.37	1.83	54.0	8.63	AV	108.00	200	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	1623.600	41.09	-16.92	74.0	32.91	Peak	271.00	400	Vertical	Pass
1**	1623.600	29.59	-16.92	54.0	24.41	AV	271.00	400	Vertical	Pass
2	4352.250	47.71	-4.80	74.0	26.29	Peak	165.00	400	Vertical	Pass
2**	4352.250	37.64	-4.80	54.0	16.36	AV	165.00	400	Vertical	Pass
3	5578.000	102.15	-2.09	--	--	Peak	291.00	100	Vertical	N/A
3**	5578.000	94.73	-2.09	--	--	AV	291.00	100	Vertical	N/A
4	7705.250	53.06	2.03	74.0	20.94	Peak	165.00	200	Vertical	Pass
4**	7705.250	44.96	2.03	54.0	9.04	AV	165.00	200	Vertical	Pass
5	12419.637	52.91	1.08	74.0	21.09	Peak	0.00	100	Vertical	Pass
5**	12419.637	43.32	1.08	54.0	10.68	AV	0.00	100	Vertical	Pass
6	15889.237	54.73	1.94	74.0	19.27	Peak	219.00	300	Vertical	Pass
6**	15889.237	46.01	1.94	54.0	7.99	AV	219.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1619.800	40.44	-16.92	74.0	33.56	Peak	244.00	100	Horizontal	Pass
1**	1619.800	29.66	-16.92	54.0	24.34	AV	244.00	100	Horizontal	Pass
2	4253.750	47.33	-4.20	74.0	26.67	Peak	359.00	200	Horizontal	Pass
2**	4253.750	37.51	-4.20	54.0	16.49	AV	359.00	200	Horizontal	Pass
3	5698.250	109.68	-2.31	--	--	Peak	177.00	150	Horizontal	N/A
3**	5698.250	101.95	-2.31	--	--	AV	177.00	150	Horizontal	N/A
4	7708.000	53.65	1.69	74.0	20.35	Peak	108.00	300	Horizontal	Pass
4**	7708.000	44.54	1.69	54.0	9.46	AV	108.00	300	Horizontal	Pass
5	11768.651	52.82	-0.18	74.0	21.18	Peak	7.00	100	Horizontal	Pass
5**	11768.651	43.29	-0.18	54.0	10.71	AV	7.00	100	Horizontal	Pass
6	16109.475	54.92	1.83	74.0	19.08	Peak	126.00	300	Horizontal	Pass
6**	16109.475	46.05	1.83	54.0	7.95	AV	126.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.500	40.17	-16.92	74.0	33.83	Peak	0.00	100	Vertical	Pass
1**	1620.500	29.77	-16.92	54.0	24.23	AV	0.00	100	Vertical	Pass
2	4306.250	46.57	-5.20	74.0	27.43	Peak	162.00	400	Vertical	Pass
2**	4306.250	39.23	-5.20	54.0	14.77	AV	162.00	400	Vertical	Pass
3	5698.250	102.66	-2.31	--	--	Peak	235.00	100	Vertical	N/A
3**	5698.250	94.73	-2.31	--	--	AV	235.00	100	Vertical	N/A
4	7705.250	53.40	2.03	74.0	20.60	Peak	355.00	300	Vertical	Pass
4**	7705.250	46.08	2.03	54.0	7.92	AV	355.00	300	Vertical	Pass
5	12449.325	53.02	1.04	74.0	20.98	Peak	276.00	100	Vertical	Pass
5**	12449.325	44.65	1.04	54.0	9.35	AV	276.00	100	Vertical	Pass
6	16078.763	54.46	1.47	74.0	19.54	Peak	360.00	200	Vertical	Pass
6**	16078.763	44.83	1.47	54.0	9.17	AV	360.00	200	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	1622.800	39.55	-17.02	74.0	34.45	Peak	201.00	100	Horizontal	Pass
1**	1622.800	28.81	-17.02	54.0	25.19	AV	201.00	100	Horizontal	Pass
2	4351.500	47.70	-4.51	74.0	26.30	Peak	360.00	300	Horizontal	Pass
2**	4351.500	38.95	-4.51	54.0	15.05	AV	360.00	300	Horizontal	Pass
3	5508.250	107.35	-2.94	--	--	Peak	184.00	150	Horizontal	N/A
3**	5508.250	100.51	-2.94	--	--	AV	184.00	150	Horizontal	N/A
4	7712.750	53.18	1.76	74.0	20.82	Peak	228.00	300	Horizontal	Pass
4**	7712.750	44.77	1.76	54.0	9.23	AV	228.00	300	Horizontal	Pass
5	12470.700	52.62	1.20	74.0	21.38	Peak	248.00	100	Horizontal	Pass
5**	12470.700	42.86	1.20	54.0	11.14	AV	248.00	100	Horizontal	Pass
6	16077.712	54.64	1.46	74.0	19.36	Peak	224.00	300	Horizontal	Pass
6**	16077.712	46.35	1.46	54.0	7.65	AV	224.00	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	1612.700	40.87	-16.72	74.0	33.13	Peak	271.00	100	Vertical	Pass
1**	1612.700	30.51	-16.72	54.0	23.49	AV	271.00	100	Vertical	Pass
2	4190.500	47.34	-5.37	74.0	26.66	Peak	43.00	400	Vertical	Pass
2**	4190.500	37.21	-5.37	54.0	16.79	AV	43.00	400	Vertical	Pass
3	5508.250	99.89	-2.94	--	--	Peak	231.00	150	Vertical	N/A
3**	5508.250	92.26	-2.94	--	--	AV	231.00	150	Vertical	N/A
4	7623.500	53.27	0.27	74.0	20.73	Peak	136.00	100	Vertical	Pass
4**	7623.500	44.19	0.27	54.0	9.81	AV	136.00	100	Vertical	Pass
5	12452.650	52.79	1.06	74.0	21.21	Peak	224.00	200	Vertical	Pass
5**	12452.650	43.38	1.06	54.0	10.62	AV	224.00	200	Vertical	Pass
6	16074.563	54.45	1.41	74.0	19.55	Peak	0.00	100	Vertical	Pass
6**	16074.563	45.00	1.41	54.0	9.00	AV	0.00	100	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	1580.100	39.86	-17.14	74.0	34.14	Peak	280.00	300	Horizontal	Pass
1**	1580.100	28.12	-17.14	54.0	25.88	AV	280.00	300	Horizontal	Pass
2	4366.000	46.88	-5.03	74.0	27.12	Peak	302.00	200	Horizontal	Pass
2**	4366.000	37.56	-5.03	54.0	16.44	AV	302.00	200	Horizontal	Pass
3	5592.750	107.88	-2.29	--	--	Peak	185.00	200	Horizontal	N/A
3**	5592.750	101.65	-2.29	--	--	AV	185.00	200	Horizontal	N/A
4	7712.750	53.16	1.76	74.0	20.84	Peak	360.00	100	Horizontal	Pass
4**	7712.750	44.30	1.76	54.0	9.70	AV	360.00	100	Horizontal	Pass
5	12473.550	52.49	1.23	74.0	21.51	Peak	165.00	150	Horizontal	Pass
5**	12473.550	42.94	1.23	54.0	11.06	AV	165.00	150	Horizontal	Pass
6	16094.250	54.71	1.67	74.0	19.29	Peak	50.00	200	Horizontal	Pass
6**	16094.250	45.22	1.67	54.0	8.78	AV	50.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1617.600	40.51	-16.95	74.0	33.49	Peak	5.00	400	Vertical	Pass
1**	1617.600	29.12	-16.95	54.0	24.88	AV	5.00	400	Vertical	Pass
2	4285.750	46.39	-4.37	74.0	27.61	Peak	148.00	400	Vertical	Pass
2**	4285.750	38.29	-4.37	54.0	15.71	AV	148.00	400	Vertical	Pass
3	5582.500	101.83	-2.11	--	--	Peak	223.00	200	Vertical	N/A
3**	5582.500	94.09	-2.11	--	--	AV	223.00	200	Vertical	N/A
4	7646.250	53.69	0.71	74.0	20.31	Peak	248.00	300	Vertical	Pass
4**	7646.250	43.22	0.71	54.0	10.78	AV	248.00	300	Vertical	Pass
5	11686.237	52.86	-0.75	74.0	21.14	Peak	260.00	150	Vertical	Pass
5**	11686.237	43.01	-0.75	54.0	10.99	AV	260.00	150	Vertical	Pass
6	16135.200	55.13	2.03	74.0	18.87	Peak	277.00	400	Vertical	Pass
6**	16135.200	46.52	2.03	54.0	7.48	AV	277.00	400	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	1619.500	39.46	-17.10	74.0	34.54	Peak	230.00	200	Horizontal	Pass
1**	1619.500	29.21	-17.10	54.0	24.79	AV	230.00	200	Horizontal	Pass
2	4368.000	46.96	-4.67	74.0	27.04	Peak	189.00	200	Horizontal	Pass
2**	4368.000	37.95	-4.67	54.0	16.05	AV	189.00	200	Horizontal	Pass
3	5674.000	108.62	-2.77	--	--	Peak	189.00	100	Horizontal	N/A
3**	5674.000	100.47	-2.77	--	--	AV	189.00	100	Horizontal	N/A
4	7710.500	52.93	1.96	74.0	21.07	Peak	164.00	100	Horizontal	Pass
4**	7710.500	44.63	1.96	54.0	9.37	AV	164.00	100	Horizontal	Pass
5	12515.588	52.74	1.35	74.0	21.26	Peak	248.00	150	Horizontal	Pass
5**	12515.588	43.57	1.35	54.0	10.43	AV	248.00	150	Horizontal	Pass
6	15916.276	54.43	1.74	74.0	19.57	Peak	360.00	200	Horizontal	Pass
6**	15916.276	45.33	1.74	54.0	8.67	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.000	42.23	-17.06	74.0	31.77	Peak	11.00	400	Vertical	Pass
1**	1626.000	30.01	-17.06	54.0	23.99	AV	11.00	400	Vertical	Pass
2	4195.250	47.18	-5.57	74.0	26.82	Peak	85.00	400	Vertical	Pass
2**	4195.250	37.71	-5.57	54.0	16.29	AV	85.00	400	Vertical	Pass
3	5671.750	101.26	-2.34	--	--	Peak	314.00	150	Vertical	N/A
3**	5671.750	93.15	-2.34	--	--	AV	314.00	150	Vertical	N/A
4	7710.750	53.36	1.87	74.0	20.64	Peak	109.00	200	Vertical	Pass
4**	7710.750	44.69	1.87	54.0	9.31	AV	109.00	200	Vertical	Pass
5	11796.437	52.93	-0.15	74.0	21.07	Peak	97.00	100	Vertical	Pass
5**	11796.437	42.80	-0.15	54.0	11.20	AV	97.00	100	Vertical	Pass
6	15917.325	54.87	1.73	74.0	19.13	Peak	12.00	100	Vertical	Pass
6**	15917.325	46.03	1.73	54.0	7.97	AV	12.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.100	39.71	-17.08	74.0	34.29	Peak	264.00	200	Horizontal	Pass
1**	1624.100	29.08	-17.08	54.0	24.92	AV	264.00	200	Horizontal	Pass
2	4336.000	46.89	-4.72	74.0	27.11	Peak	138.00	100	Horizontal	Pass
2**	4336.000	38.20	-4.72	54.0	15.80	AV	138.00	100	Horizontal	Pass
3	5535.500	104.93	-2.45	--	--	Peak	235.00	150	Horizontal	N/A
3**	5535.500	97.34	-2.45	--	--	AV	235.00	150	Horizontal	N/A
4	7491.000	53.81	1.29	74.0	20.19	Peak	211.00	300	Horizontal	Pass
4**	7491.000	43.80	1.29	54.0	10.20	AV	211.00	300	Horizontal	Pass
5	12471.175	52.77	1.21	74.0	21.23	Peak	89.00	150	Horizontal	Pass
5**	12471.175	43.50	1.21	54.0	10.50	AV	89.00	150	Horizontal	Pass
6	15694.200	55.71	1.67	74.0	18.29	Peak	179.00	300	Horizontal	Pass
6**	15694.200	44.54	1.67	54.0	9.46	AV	179.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1616.100	40.90	-16.75	74.0	33.10	Peak	0.00	400	Vertical	Pass
1**	1616.100	30.05	-16.75	54.0	23.95	AV	0.00	400	Vertical	Pass
2	4131.500	46.71	-5.66	74.0	27.29	Peak	0.00	300	Vertical	Pass
2**	4131.500	37.08	-5.66	54.0	16.92	AV	0.00	300	Vertical	Pass
3	5522.250	96.80	-2.66	--	--	Peak	235.00	200	Vertical	N/A
3**	5522.250	89.11	-2.66	--	--	AV	235.00	200	Vertical	N/A
4	7486.500	53.81	1.41	74.0	20.19	Peak	142.00	100	Vertical	Pass
4**	7486.500	44.06	1.41	54.0	9.94	AV	142.00	100	Vertical	Pass
5	12482.338	53.05	1.30	74.0	20.95	Peak	360.00	100	Vertical	Pass
5**	12482.338	42.90	1.30	54.0	11.10	AV	360.00	100	Vertical	Pass
6	16094.775	55.35	1.68	74.0	18.65	Peak	29.00	100	Vertical	Pass
6**	16094.775	45.51	1.68	54.0	8.49	AV	29.00	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	1532.200	40.06	-16.90	74.0	33.94	Peak	191.00	100	Horizontal	Pass
1**	1532.200	29.40	-16.90	54.0	24.60	AV	191.00	100	Horizontal	Pass
2	4207.500	47.10	-4.98	74.0	26.90	Peak	137.00	300	Horizontal	Pass
2**	4207.500	37.32	-4.98	54.0	16.68	AV	137.00	300	Horizontal	Pass
3	5611.750	106.73	-2.56	--	--	Peak	206.00	150	Horizontal	N/A
3**	5611.750	99.08	-2.56	--	--	AV	206.00	150	Horizontal	N/A
4	7705.250	53.48	2.03	74.0	20.52	Peak	206.00	200	Horizontal	Pass
4**	7705.250	45.10	2.03	54.0	8.90	AV	206.00	200	Horizontal	Pass
5	12384.725	52.86	1.03	74.0	21.14	Peak	28.00	100	Horizontal	Pass
5**	12384.725	42.42	1.03	54.0	11.58	AV	28.00	100	Horizontal	Pass
6	15915.225	54.91	1.76	74.0	19.09	Peak	38.00	100	Horizontal	Pass
6**	15915.225	45.02	1.76	54.0	8.98	AV	38.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.800	40.99	-17.02	74.0	33.01	Peak	280.00	100	Vertical	Pass
1**	1622.800	29.88	-17.02	54.0	24.12	AV	280.00	100	Vertical	Pass
2	4351.750	47.43	-4.70	74.0	26.57	Peak	335.00	200	Vertical	Pass
2**	4351.750	38.29	-4.70	54.0	15.71	AV	335.00	200	Vertical	Pass
3	5603.250	99.35	-2.39	--	--	Peak	233.00	200	Vertical	N/A
3**	5603.250	91.67	-2.39	--	--	AV	233.00	200	Vertical	N/A
4	7705.500	54.17	1.77	74.0	19.83	Peak	281.00	100	Vertical	Pass
4**	7705.500	44.48	1.77	54.0	9.52	AV	281.00	100	Vertical	Pass
5	12436.737	52.53	1.06	74.0	21.47	Peak	129.00	100	Vertical	Pass
5**	12436.737	43.84	1.06	54.0	10.16	AV	129.00	100	Vertical	Pass
6	16076.925	54.67	1.45	74.0	19.33	Peak	216.00	300	Vertical	Pass
6**	16076.925	45.90	1.45	54.0	8.10	AV	216.00	300	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	1606.700	39.92	-16.64	74.0	34.08	Peak	251.00	400	Horizontal	Pass
1**	1606.700	29.55	-16.64	54.0	24.45	AV	251.00	400	Horizontal	Pass
2	4244.250	47.39	-4.72	74.0	26.61	Peak	231.00	200	Horizontal	Pass
2**	4244.250	37.57	-4.72	54.0	16.43	AV	231.00	200	Horizontal	Pass
3	5746.250	110.64	-1.99	--	--	Peak	211.00	150	Horizontal	N/A
3**	5746.250	103.54	-1.99	--	--	AV	211.00	150	Horizontal	N/A
4	7677.000	53.04	1.01	74.0	20.96	Peak	360.00	300	Horizontal	Pass
4**	7677.000	43.97	1.01	54.0	10.03	AV	360.00	300	Horizontal	Pass
5	11762.475	52.36	-0.18	74.0	21.64	Peak	60.00	200	Horizontal	Pass
5**	11762.475	42.91	-0.18	54.0	11.09	AV	60.00	200	Horizontal	Pass
6	16065.112	54.83	1.29	74.0	19.17	Peak	146.00	400	Horizontal	Pass
6**	16065.112	45.27	1.29	54.0	8.73	AV	146.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1618.000	41.85	-16.95	74.0	32.15	Peak	7.00	300	Vertical	Pass
1**	1618.000	29.76	-16.95	54.0	24.24	AV	7.00	300	Vertical	Pass
2	4273.250	47.09	-5.01	74.0	26.91	Peak	216.00	400	Vertical	Pass
2**	4273.250	37.26	-5.01	54.0	16.74	AV	216.00	400	Vertical	Pass
3	5746.000	103.04	-2.00	--	--	Peak	216.00	100	Vertical	N/A
3**	5746.000	95.49	-2.00	--	--	AV	216.00	100	Vertical	N/A
4	7315.500	53.32	0.46	74.0	20.68	Peak	177.00	300	Vertical	Pass
4**	7315.500	44.11	0.46	54.0	9.89	AV	177.00	300	Vertical	Pass
5	12516.775	52.64	1.34	74.0	21.36	Peak	61.00	100	Vertical	Pass
5**	12516.775	43.23	1.34	54.0	10.77	AV	61.00	100	Vertical	Pass
6	16150.425	54.84	2.15	74.0	19.16	Peak	196.00	100	Vertical	Pass
6**	16150.425	45.59	2.15	54.0	8.41	AV	196.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.100	39.95	-16.98	74.0	34.05	Peak	263.00	200	Horizontal	Pass
1**	1602.100	30.05	-16.98	54.0	23.95	AV	263.00	200	Horizontal	Pass
2	4256.250	46.99	-4.17	74.0	27.01	Peak	16.00	300	Horizontal	Pass
2**	4256.250	38.46	-4.17	54.0	15.54	AV	16.00	300	Horizontal	Pass
3	5786.250	110.39	-2.30	--	--	Peak	179.00	200	Horizontal	N/A
3**	5786.250	104.66	-2.30	--	--	AV	179.00	200	Horizontal	N/A
4	7616.250	53.39	0.32	74.0	20.61	Peak	280.00	100	Horizontal	Pass
4**	7616.250	43.50	0.32	54.0	10.50	AV	280.00	100	Horizontal	Pass
5	12525.563	53.01	1.29	74.0	20.99	Peak	360.00	150	Horizontal	Pass
5**	12525.563	44.20	1.29	54.0	9.80	AV	360.00	150	Horizontal	Pass
6	16132.050	55.06	2.01	74.0	18.94	Peak	180.00	200	Horizontal	Pass
6**	16132.050	45.16	2.01	54.0	8.84	AV	180.00	200	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	1623.900	41.18	-16.93	74.0	32.82	Peak	10.00	200	Vertical	Pass
1**	1623.900	29.71	-16.93	54.0	24.29	AV	10.00	200	Vertical	Pass
2	4322.750	47.21	-4.95	74.0	26.79	Peak	198.00	200	Vertical	Pass
2**	4322.750	38.01	-4.95	54.0	15.99	AV	198.00	200	Vertical	Pass
3	5784.000	103.57	-2.66	--	--	Peak	238.00	150	Vertical	N/A
3**	5784.000	96.38	-2.66	--	--	AV	238.00	150	Vertical	N/A
4	7492.750	53.52	1.19	74.0	20.48	Peak	360.00	300	Vertical	Pass
4**	7492.750	43.08	1.19	54.0	10.92	AV	360.00	300	Vertical	Pass
5	11771.975	52.71	-0.17	74.0	21.29	Peak	293.00	100	Vertical	Pass
5**	11771.975	43.14	-0.17	54.0	10.86	AV	293.00	100	Vertical	Pass
6	16127.849	54.62	1.97	74.0	19.38	Peak	257.00	400	Vertical	Pass
6**	16127.849	45.02	1.97	54.0	8.98	AV	257.00	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	1612.700	40.87	-16.72	74.0	33.13	Peak	256.00	400	Horizontal	Pass
1**	1612.700	29.61	-16.72	54.0	24.39	AV	256.00	400	Horizontal	Pass
2	4287.000	46.73	-4.67	74.0	27.27	Peak	357.00	400	Horizontal	Pass
2**	4287.000	37.98	-4.67	54.0	16.02	AV	357.00	400	Horizontal	Pass
3	5822.750	110.43	-2.57	--	--	Peak	177.00	200	Horizontal	N/A
3**	5822.750	102.45	-2.57	--	--	AV	177.00	200	Horizontal	N/A
4	7357.000	53.83	0.81	74.0	20.17	Peak	157.00	400	Horizontal	Pass
4**	7357.000	43.93	0.81	54.0	10.07	AV	157.00	400	Horizontal	Pass
5	11701.913	53.08	-0.50	74.0	20.92	Peak	110.00	200	Horizontal	Pass
5**	11701.913	43.40	-0.50	54.0	10.60	AV	110.00	200	Horizontal	Pass
6	16128.113	54.78	1.98	74.0	19.22	Peak	2.00	200	Horizontal	Pass
6**	16128.113	45.87	1.98	54.0	8.13	AV	2.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.300	41.30	-16.64	74.0	32.70	Peak	0.00	100	Vertical	Pass
1**	1626.300	29.90	-16.64	54.0	24.10	AV	0.00	100	Vertical	Pass
2	4255.000	46.76	-4.05	74.0	27.24	Peak	199.00	400	Vertical	Pass
2**	4255.000	38.52	-4.05	54.0	15.48	AV	199.00	400	Vertical	Pass
3	5826.250	103.65	-2.69	--	--	Peak	299.00	150	Vertical	N/A
3**	5826.250	97.71	-2.69	--	--	AV	299.00	150	Vertical	N/A
4	7685.750	53.58	1.54	74.0	20.42	Peak	56.00	200	Vertical	Pass
4**	7685.750	44.19	1.54	54.0	9.81	AV	56.00	200	Vertical	Pass
5	12370.950	52.69	0.96	74.0	21.31	Peak	94.00	200	Vertical	Pass
5**	12370.950	42.73	0.96	54.0	11.27	AV	94.00	200	Vertical	Pass
6	15919.950	54.53	1.68	74.0	19.47	Peak	13.00	200	Vertical	Pass
6**	15919.950	45.34	1.68	54.0	8.66	AV	13.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1615.800	40.42	-16.92	74.0	33.58	Peak	259.00	100	Horizontal	Pass
1**	1615.800	29.00	-16.92	54.0	25.00	AV	259.00	100	Horizontal	Pass
2	4259.000	47.58	-4.33	74.0	26.42	Peak	16.00	300	Horizontal	Pass
2**	4259.000	38.79	-4.33	54.0	15.21	AV	16.00	300	Horizontal	Pass
3	5747.250	110.78	-2.05	--	--	Peak	218.00	100	Horizontal	N/A
3**	5747.250	103.26	-2.05	--	--	AV	218.00	100	Horizontal	N/A
4	7685.500	53.38	1.17	74.0	20.62	Peak	157.00	400	Horizontal	Pass
4**	7685.500	44.85	1.17	54.0	9.15	AV	157.00	400	Horizontal	Pass
5	12455.975	52.97	1.09	74.0	21.03	Peak	165.00	150	Horizontal	Pass
5**	12455.975	43.51	1.09	54.0	10.49	AV	165.00	150	Horizontal	Pass
6	16084.799	54.96	1.55	74.0	19.04	Peak	55.00	300	Horizontal	Pass
6**	16084.799	45.03	1.55	54.0	8.97	AV	55.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.200	40.98	-16.76	74.0	33.02	Peak	15.00	300	Vertical	Pass
1**	1621.200	30.03	-16.76	54.0	23.97	AV	15.00	300	Vertical	Pass
2	4183.250	46.69	-5.23	74.0	27.31	Peak	286.00	300	Vertical	Pass
2**	4183.250	37.41	-5.23	54.0	16.59	AV	286.00	300	Vertical	Pass
3	5743.000	102.93	-2.06	--	--	Peak	223.00	150	Vertical	N/A
3**	5743.000	95.77	-2.06	--	--	AV	223.00	150	Vertical	N/A
4	7662.000	54.04	0.98	74.0	19.96	Peak	223.00	400	Vertical	Pass
4**	7662.000	42.95	0.98	54.0	11.05	AV	223.00	400	Vertical	Pass
5	12519.625	52.84	1.33	74.0	21.16	Peak	178.00	150	Vertical	Pass
5**	12519.625	43.70	1.33	54.0	10.30	AV	178.00	150	Vertical	Pass
6	16138.613	54.77	2.06	74.0	19.23	Peak	130.00	100	Vertical	Pass
6**	16138.613	45.75	2.06	54.0	8.25	AV	130.00	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	1611.600	40.79	-16.90	74.0	33.21	Peak	257.00	300	Horizontal	Pass
1**	1611.600	29.09	-16.90	54.0	24.91	AV	257.00	300	Horizontal	Pass
2	4350.500	46.80	-4.54	74.0	27.20	Peak	138.00	400	Horizontal	Pass
2**	4350.500	38.85	-4.54	54.0	15.15	AV	138.00	400	Horizontal	Pass
3	5783.750	110.22	-2.79	--	--	Peak	179.00	100	Horizontal	N/A
3**	5783.750	103.85	-2.79	--	--	AV	179.00	100	Horizontal	N/A
4	7627.750	53.18	0.24	74.0	20.82	Peak	0.00	200	Horizontal	Pass
4**	7627.750	43.95	0.24	54.0	10.05	AV	0.00	200	Horizontal	Pass
5	12403.963	52.97	1.10	74.0	21.03	Peak	117.00	200	Horizontal	Pass
5**	12403.963	43.92	1.10	54.0	10.08	AV	117.00	200	Horizontal	Pass
6	15872.175	54.90	1.81	74.0	19.10	Peak	296.00	400	Horizontal	Pass
6**	15872.175	45.15	1.81	54.0	8.85	AV	296.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.600	42.12	-17.19	74.0	31.88	Peak	360.00	200	Vertical	Pass
1**	1622.600	29.68	-17.19	54.0	24.32	AV	360.00	200	Vertical	Pass
2	4274.000	47.32	-4.81	74.0	26.68	Peak	143.00	400	Vertical	Pass
2**	4274.000	36.92	-4.81	54.0	17.08	AV	143.00	400	Vertical	Pass
3	5785.750	103.35	-2.68	--	--	Peak	247.00	150	Vertical	N/A
3**	5785.750	96.31	-2.68	--	--	AV	247.00	150	Vertical	N/A
4	7409.250	54.02	0.63	74.0	19.98	Peak	204.00	200	Vertical	Pass
4**	7409.250	44.03	0.63	54.0	9.97	AV	204.00	200	Vertical	Pass
5	12513.450	52.77	1.36	74.0	21.23	Peak	115.00	100	Vertical	Pass
5**	12513.450	43.78	1.36	54.0	10.22	AV	115.00	100	Vertical	Pass
6	16118.400	54.96	1.90	74.0	19.04	Peak	300.00	300	Vertical	Pass
6**	16118.400	45.12	1.90	54.0	8.88	AV	300.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.300	40.06	-16.85	74.0	33.94	Peak	265.00	200	Horizontal	Pass
1**	1612.300	28.83	-16.85	54.0	25.17	AV	265.00	200	Horizontal	Pass
2	4337.000	47.28	-4.74	74.0	26.72	Peak	319.00	200	Horizontal	Pass
2**	4337.000	38.63	-4.74	54.0	15.37	AV	319.00	200	Horizontal	Pass
3	5826.500	110.83	-2.70	--	--	Peak	177.00	200	Horizontal	N/A
3**	5826.500	102.77	-2.70	--	--	AV	177.00	200	Horizontal	N/A
4	7707.000	53.42	1.71	74.0	20.58	Peak	138.00	200	Horizontal	Pass
4**	7707.000	45.19	1.71	54.0	8.81	AV	138.00	200	Horizontal	Pass
5	12260.275	53.95	0.99	74.0	20.05	Peak	360.00	100	Horizontal	Pass
5**	12260.275	43.69	0.99	54.0	10.31	AV	360.00	100	Horizontal	Pass
6	16087.162	55.49	1.58	74.0	18.51	Peak	2.00	100	Horizontal	Pass
6**	16087.162	45.35	1.58	54.0	8.65	AV	2.00	100	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	1621.600	40.93	-16.97	74.0	33.07	Peak	360.00	200	Vertical	Pass
1**	1621.600	29.94	-16.97	54.0	24.06	AV	360.00	200	Vertical	Pass
2	4397.250	47.01	-5.15	74.0	26.99	Peak	360.00	400	Vertical	Pass
2**	4397.250	37.26	-5.15	54.0	16.74	AV	360.00	400	Vertical	Pass
3	5821.250	103.89	-2.51	--	--	Peak	297.00	200	Vertical	N/A
3**	5821.250	95.81	-2.51	--	--	AV	297.00	200	Vertical	N/A
4	7686.750	53.54	1.11	74.0	20.46	Peak	216.00	100	Vertical	Pass
4**	7686.750	43.90	1.11	54.0	10.10	AV	216.00	100	Vertical	Pass
5	12460.250	52.93	1.12	74.0	21.07	Peak	343.00	100	Vertical	Pass
5**	12460.250	43.76	1.12	54.0	10.24	AV	343.00	100	Vertical	Pass
6	15667.687	55.13	1.95	74.0	18.87	Peak	11.00	200	Vertical	Pass
6**	15667.687	45.31	1.95	54.0	8.69	AV	11.00	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	1606.400	40.17	-16.73	74.0	33.83	Peak	261.00	300	Horizontal	Pass
1**	1606.400	29.25	-16.73	54.0	24.75	AV	261.00	300	Horizontal	Pass
2	4349.750	46.92	-4.66	74.0	27.08	Peak	359.00	100	Horizontal	Pass
2**	4349.750	38.28	-4.66	54.0	15.72	AV	359.00	100	Horizontal	Pass
3	5759.000	109.07	-2.26	--	--	Peak	189.00	150	Horizontal	N/A
3**	5759.000	102.74	-2.26	--	--	AV	189.00	150	Horizontal	N/A
4	7709.250	53.37	1.90	74.0	20.63	Peak	310.00	400	Horizontal	Pass
4**	7709.250	44.73	1.90	54.0	9.27	AV	310.00	400	Horizontal	Pass
5	11798.338	52.91	-0.15	74.0	21.09	Peak	160.00	150	Horizontal	Pass
5**	11798.338	43.67	-0.15	54.0	10.33	AV	160.00	150	Horizontal	Pass
6	15449.026	56.15	1.97	74.0	17.85	Peak	301.00	100	Horizontal	Pass
6**	15449.026	44.62	1.97	54.0	9.38	AV	301.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.300	41.62	-16.80	74.0	32.38	Peak	360.00	100	Vertical	Pass
1**	1621.300	29.89	-16.80	54.0	24.11	AV	360.00	100	Vertical	Pass
2	4178.250	47.26	-5.12	74.0	26.74	Peak	355.00	300	Vertical	Pass
2**	4178.250	37.17	-5.12	54.0	16.83	AV	355.00	300	Vertical	Pass
3	5753.000	103.40	-2.15	--	--	Peak	308.00	100	Vertical	N/A
3**	5753.000	95.96	-2.15	--	--	AV	308.00	100	Vertical	N/A
4	7730.000	53.55	0.31	74.0	20.45	Peak	238.00	400	Vertical	Pass
4**	7730.000	43.93	0.31	54.0	10.07	AV	238.00	400	Vertical	Pass
5	12516.062	52.74	1.35	74.0	21.26	Peak	219.00	150	Vertical	Pass
5**	12516.062	43.24	1.35	54.0	10.76	AV	219.00	150	Vertical	Pass
6	16114.463	54.92	1.87	74.0	19.08	Peak	12.00	200	Vertical	Pass
6**	16114.463	46.15	1.87	54.0	7.85	AV	12.00	200	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	1604.100	40.20	-16.83	74.0	33.80	Peak	261.00	400	Horizontal	Pass
1**	1604.100	29.60	-16.83	54.0	24.40	AV	261.00	400	Horizontal	Pass
2	4110.500	46.77	-5.58	74.0	27.23	Peak	45.00	100	Horizontal	Pass
2**	4110.500	37.51	-5.58	54.0	16.49	AV	45.00	100	Horizontal	Pass
3	5796.500	109.30	-2.26	--	--	Peak	191.00	150	Horizontal	N/A
3**	5796.500	101.86	-2.26	--	--	AV	191.00	150	Horizontal	N/A
4	7599.250	53.60	1.13	74.0	20.40	Peak	116.00	100	Horizontal	Pass
4**	7599.250	43.74	1.13	54.0	10.26	AV	116.00	100	Horizontal	Pass
5	12408.001	53.12	1.10	74.0	20.88	Peak	193.00	150	Horizontal	Pass
5**	12408.001	42.97	1.10	54.0	11.03	AV	193.00	150	Horizontal	Pass
6	16118.138	55.70	1.90	74.0	18.30	Peak	284.00	300	Horizontal	Pass
6**	16118.138	46.49	1.90	54.0	7.51	AV	284.00	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	1624.900	40.73	-17.03	74.0	33.27	Peak	5.00	300	Vertical	Pass
1**	1624.900	30.58	-17.03	54.0	23.42	AV	5.00	300	Vertical	Pass
2	4132.500	47.35	-5.49	74.0	26.65	Peak	360.00	100	Vertical	Pass
2**	4132.500	37.44	-5.49	54.0	16.56	AV	360.00	100	Vertical	Pass
3	5798.750	101.97	-2.10	--	--	Peak	233.00	150	Vertical	N/A
3**	5798.750	95.01	-2.10	--	--	AV	233.00	150	Vertical	N/A
4	7427.000	53.68	1.25	74.0	20.32	Peak	62.00	200	Vertical	Pass
4**	7427.000	44.32	1.25	54.0	9.68	AV	62.00	200	Vertical	Pass
5	11704.287	52.87	-0.49	74.0	21.13	Peak	0.00	100	Vertical	Pass
5**	11704.287	43.58	-0.49	54.0	10.42	AV	0.00	100	Vertical	Pass
6	16090.838	55.18	1.63	74.0	18.82	Peak	14.00	400	Vertical	Pass
6**	16090.838	46.27	1.63	54.0	7.73	AV	14.00	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	1604.500	39.74	-16.79	74.0	34.26	Peak	259.00	200	Horizontal	Pass
1**	1604.500	29.41	-16.79	54.0	24.59	AV	259.00	200	Horizontal	Pass
2	4320.500	46.90	-5.01	74.0	27.10	Peak	94.00	200	Horizontal	Pass
2**	4320.500	38.52	-5.01	54.0	15.48	AV	94.00	200	Horizontal	Pass
3	5743.500	111.02	-2.14	--	--	Peak	216.00	100	Horizontal	N/A
3**	5743.500	103.28	-2.14	--	--	AV	216.00	100	Horizontal	N/A
4	7710.750	53.51	1.87	74.0	20.49	Peak	313.00	300	Horizontal	Pass
4**	7710.750	44.91	1.87	54.0	9.09	AV	313.00	300	Horizontal	Pass
5	11755.825	52.32	-0.19	74.0	21.68	Peak	219.00	100	Horizontal	Pass
5**	11755.825	44.33	-0.19	54.0	9.67	AV	219.00	100	Horizontal	Pass
6	15658.762	54.76	2.05	74.0	19.24	Peak	360.00	400	Horizontal	Pass
6**	15658.762	45.43	2.05	54.0	8.57	AV	360.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.700	40.77	-16.80	74.0	33.23	Peak	1.00	400	Vertical	Pass
1**	1613.700	29.61	-16.80	54.0	24.39	AV	1.00	400	Vertical	Pass
2	4338.000	47.09	-4.96	74.0	26.91	Peak	136.00	400	Vertical	Pass
2**	4338.000	38.18	-4.96	54.0	15.82	AV	136.00	400	Vertical	Pass
3	5747.000	103.31	-2.01	--	--	Peak	237.00	200	Vertical	N/A
3**	5747.000	95.33	-2.01	--	--	AV	237.00	200	Vertical	N/A
4	7686.750	53.60	1.11	74.0	20.40	Peak	96.00	100	Vertical	Pass
4**	7686.750	44.49	1.11	54.0	9.51	AV	96.00	100	Vertical	Pass
5	12403.724	52.76	1.10	74.0	21.24	Peak	35.00	100	Vertical	Pass
5**	12403.724	43.33	1.10	54.0	10.67	AV	35.00	100	Vertical	Pass
6	16094.775	55.66	1.68	74.0	18.34	Peak	198.00	200	Vertical	Pass
6**	16094.775	45.97	1.68	54.0	8.03	AV	198.00	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	1612.200	40.99	-16.85	74.0	33.01	Peak	263.00	200	Horizontal	Pass
1**	1612.200	30.73	-16.85	54.0	23.27	AV	263.00	200	Horizontal	Pass
2	4260.750	46.78	-4.40	74.0	27.22	Peak	284.00	300	Horizontal	Pass
2**	4260.750	38.08	-4.40	54.0	15.92	AV	284.00	300	Horizontal	Pass
3	5785.250	110.47	-2.76	--	--	Peak	244.00	100	Horizontal	N/A
3**	5785.250	102.12	-2.76	--	--	AV	244.00	100	Horizontal	N/A
4	7716.250	53.56	1.36	74.0	20.44	Peak	0.00	200	Horizontal	Pass
4**	7716.250	43.75	1.36	54.0	10.25	AV	0.00	200	Horizontal	Pass
5	12177.863	52.84	0.21	74.0	21.16	Peak	0.00	100	Horizontal	Pass
5**	12177.863	42.86	0.21	54.0	11.14	AV	0.00	100	Horizontal	Pass
6	16071.412	55.45	1.37	74.0	18.55	Peak	206.00	100	Horizontal	Pass
6**	16071.412	46.24	1.37	54.0	7.76	AV	206.00	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	1603.000	41.03	-16.86	74.0	32.97	Peak	16.00	100	Vertical	Pass
1**	1603.000	28.82	-16.86	54.0	25.18	AV	16.00	100	Vertical	Pass
2	4334.000	46.93	-4.87	74.0	27.07	Peak	264.00	300	Vertical	Pass
2**	4334.000	37.87	-4.87	54.0	16.13	AV	264.00	300	Vertical	Pass
3	5783.750	102.95	-2.79	--	--	Peak	244.00	100	Vertical	N/A
3**	5783.750	96.02	-2.79	--	--	AV	244.00	100	Vertical	N/A
4	7618.750	53.35	0.42	74.0	20.65	Peak	201.00	400	Vertical	Pass
4**	7618.750	44.34	0.42	54.0	9.66	AV	201.00	400	Vertical	Pass
5	12313.238	52.98	0.63	74.0	21.02	Peak	152.00	200	Vertical	Pass
5**	12313.238	42.88	0.63	54.0	11.12	AV	152.00	200	Vertical	Pass
6	15897.113	54.78	2.00	74.0	19.22	Peak	181.00	300	Vertical	Pass
6**	15897.113	44.84	2.00	54.0	9.16	AV	181.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.000	40.20	-17.01	74.0	33.80	Peak	256.00	400	Horizontal	Pass
1**	1611.000	29.24	-17.01	54.0	24.76	AV	256.00	400	Horizontal	Pass
2	4306.500	47.19	-5.21	74.0	26.81	Peak	175.00	100	Horizontal	Pass
2**	4306.500	37.85	-5.21	54.0	16.15	AV	175.00	100	Horizontal	Pass
3	5823.000	110.64	-2.53	--	--	Peak	175.00	150	Horizontal	N/A
3**	5823.000	104.46	-2.53	--	--	AV	175.00	150	Horizontal	N/A
4	7683.500	53.15	0.84	74.0	20.85	Peak	14.00	400	Horizontal	Pass
4**	7683.500	44.89	0.84	54.0	9.11	AV	14.00	400	Horizontal	Pass
5	12478.063	53.26	1.26	74.0	20.74	Peak	336.00	100	Horizontal	Pass
5**	12478.063	43.21	1.26	54.0	10.79	AV	336.00	100	Horizontal	Pass
6	16099.500	54.55	1.74	74.0	19.45	Peak	50.00	300	Horizontal	Pass
6**	16099.500	45.36	1.74	54.0	8.64	AV	50.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.600	40.78	-16.92	74.0	33.22	Peak	10.00	300	Vertical	Pass
1**	1623.600	29.18	-16.92	54.0	24.82	AV	10.00	300	Vertical	Pass
2	4355.000	46.88	-4.78	74.0	27.12	Peak	98.00	100	Vertical	Pass
2**	4355.000	37.49	-4.78	54.0	16.51	AV	98.00	100	Vertical	Pass
3	5823.000	104.02	-2.53	--	--	Peak	279.00	100	Vertical	N/A
3**	5823.000	96.49	-2.53	--	--	AV	279.00	100	Vertical	N/A
4	7619.000	53.88	0.36	74.0	20.12	Peak	340.00	100	Vertical	Pass
4**	7619.000	44.20	0.36	54.0	9.80	AV	340.00	100	Vertical	Pass
5	11780.287	52.57	-0.17	74.0	21.43	Peak	336.00	100	Vertical	Pass
5**	11780.287	42.98	-0.17	54.0	11.02	AV	336.00	100	Vertical	Pass
6	15911.812	55.01	1.82	74.0	18.99	Peak	275.00	100	Vertical	Pass
6**	15911.812	45.43	1.82	54.0	8.57	AV	275.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.100	40.37	-16.85	74.0	33.63	Peak	263.00	400	Horizontal	Pass
1**	1612.100	29.75	-16.85	54.0	24.25	AV	263.00	400	Horizontal	Pass
2	4332.000	47.67	-4.62	74.0	26.33	Peak	157.00	300	Horizontal	Pass
2**	4332.000	38.46	-4.62	54.0	15.54	AV	157.00	300	Horizontal	Pass
3	5747.500	109.94	-2.16	--	--	Peak	181.00	100	Horizontal	N/A
3**	5747.500	101.41	-2.16	--	--	AV	181.00	100	Horizontal	N/A
4	7733.750	53.12	0.47	74.0	20.88	Peak	133.00	200	Horizontal	Pass
4**	7733.750	43.00	0.47	54.0	11.00	AV	133.00	200	Horizontal	Pass
5	12481.863	52.71	1.29	74.0	21.29	Peak	220.00	150	Horizontal	Pass
5**	12481.863	43.03	1.29	54.0	10.97	AV	220.00	150	Horizontal	Pass
6	16097.925	55.22	1.72	74.0	18.78	Peak	277.00	400	Horizontal	Pass
6**	16097.925	45.26	1.72	54.0	8.74	AV	277.00	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	1620.500	40.87	-16.92	74.0	33.13	Peak	0.00	200	Vertical	Pass
1**	1620.500	29.43	-16.92	54.0	24.57	AV	0.00	200	Vertical	Pass
2	4256.500	46.94	-4.25	74.0	27.06	Peak	318.00	300	Vertical	Pass
2**	4256.500	37.60	-4.25	54.0	16.40	AV	318.00	300	Vertical	Pass
3	5746.750	103.02	-2.01	--	--	Peak	294.00	100	Vertical	N/A
3**	5746.750	95.71	-2.01	--	--	AV	294.00	100	Vertical	N/A
4	7705.750	54.17	1.53	74.0	19.83	Peak	342.00	200	Vertical	Pass
4**	7705.750	44.38	1.53	54.0	9.62	AV	342.00	200	Vertical	Pass
5	11785.513	52.87	-0.16	74.0	21.13	Peak	216.00	150	Vertical	Pass
5**	11785.513	43.32	-0.16	54.0	10.68	AV	216.00	150	Vertical	Pass
6	16131.000	55.22	2.00	74.0	18.78	Peak	4.00	100	Vertical	Pass
6**	16131.000	45.18	2.00	54.0	8.82	AV	4.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.100	40.16	-17.25	74.0	33.84	Peak	256.00	300	Horizontal	Pass
1**	1596.100	29.60	-17.25	54.0	24.40	AV	256.00	300	Horizontal	Pass
2	4130.750	46.56	-5.41	74.0	27.44	Peak	230.00	400	Horizontal	Pass
2**	4130.750	37.60	-5.41	54.0	16.40	AV	230.00	400	Horizontal	Pass
3	5796.250	108.99	-2.11	--	--	Peak	202.00	100	Horizontal	N/A
3**	5796.250	101.73	-2.11	--	--	AV	202.00	100	Horizontal	N/A
4	7701.750	53.51	1.40	74.0	20.49	Peak	67.00	300	Horizontal	Pass
4**	7701.750	45.08	1.40	54.0	8.92	AV	67.00	300	Horizontal	Pass
5	12549.787	53.58	1.15	74.0	20.42	Peak	33.00	150	Horizontal	Pass
5**	12549.787	43.94	1.15	54.0	10.06	AV	33.00	150	Horizontal	Pass
6	16074.037	55.22	1.41	74.0	18.78	Peak	263.00	300	Horizontal	Pass
6**	16074.037	45.55	1.41	54.0	8.45	AV	263.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.500	40.99	-16.81	74.0	33.01	Peak	360.00	300	Vertical	Pass
1**	1625.500	29.74	-16.81	54.0	24.26	AV	360.00	300	Vertical	Pass
2	4331.500	47.02	-4.80	74.0	26.98	Peak	337.00	300	Vertical	Pass
2**	4331.500	37.88	-4.80	54.0	16.12	AV	337.00	300	Vertical	Pass
3	5792.000	101.61	-2.25	--	--	Peak	289.00	100	Vertical	N/A
3**	5792.000	94.26	-2.25	--	--	AV	289.00	100	Vertical	N/A
4	7704.000	53.48	1.37	74.0	20.52	Peak	264.00	200	Vertical	Pass
4**	7704.000	44.90	1.37	54.0	9.10	AV	264.00	200	Vertical	Pass
5	12507.275	53.61	1.40	74.0	20.39	Peak	229.00	200	Vertical	Pass
5**	12507.275	42.85	1.40	54.0	11.15	AV	229.00	200	Vertical	Pass
6	15627.787	54.80	1.60	74.0	19.20	Peak	340.00	100	Vertical	Pass
6**	15627.787	44.61	1.60	54.0	9.39	AV	340.00	100	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	1614.700	40.81	-17.13	74.0	33.19	Peak	235.00	200	Horizontal	Pass
1**	1614.700	29.77	-17.13	54.0	24.23	AV	235.00	200	Horizontal	Pass
2	4194.250	46.99	-5.33	74.0	27.01	Peak	213.00	100	Horizontal	Pass
2**	4194.250	38.55	-5.33	54.0	15.45	AV	213.00	100	Horizontal	Pass
3	5748.000	106.88	-2.26	--	--	Peak	213.00	200	Horizontal	N/A
3**	5748.000	98.59	-2.26	--	--	AV	213.00	200	Horizontal	N/A
4	7414.750	53.27	0.69	74.0	20.73	Peak	360.00	400	Horizontal	Pass
4**	7414.750	44.11	0.69	54.0	9.89	AV	360.00	400	Horizontal	Pass
5	12252.675	53.27	1.07	74.0	20.73	Peak	132.00	100	Horizontal	Pass
5**	12252.675	43.49	1.07	54.0	10.51	AV	132.00	100	Horizontal	Pass
6	16110.000	54.53	1.83	74.0	19.47	Peak	174.00	300	Horizontal	Pass
6**	16110.000	46.77	1.83	54.0	7.23	AV	174.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.400	42.11	-16.78	74.0	31.89	Peak	360.00	100	Vertical	Pass
1**	1625.400	29.98	-16.78	54.0	24.02	AV	360.00	100	Vertical	Pass
2	4319.500	47.50	-5.05	74.0	26.50	Peak	96.00	300	Vertical	Pass
2**	4319.500	37.87	-5.05	54.0	16.13	AV	96.00	300	Vertical	Pass
3	5771.500	100.17	-2.43	--	--	Peak	313.00	150	Vertical	N/A
3**	5771.500	91.39	-2.43	--	--	AV	313.00	150	Vertical	N/A
4	7715.000	54.64	1.54	74.0	19.36	Peak	216.00	300	Vertical	Pass
4**	7715.000	44.61	1.54	54.0	9.39	AV	216.00	300	Vertical	Pass
5	12513.450	52.77	1.36	74.0	21.23	Peak	17.00	150	Vertical	Pass
5**	12513.450	44.27	1.36	54.0	9.73	AV	17.00	150	Vertical	Pass
6	16133.625	54.86	2.02	74.0	19.14	Peak	266.00	400	Vertical	Pass
6**	16133.625	45.80	2.02	54.0	8.20	AV	266.00	400	Vertical	Pass

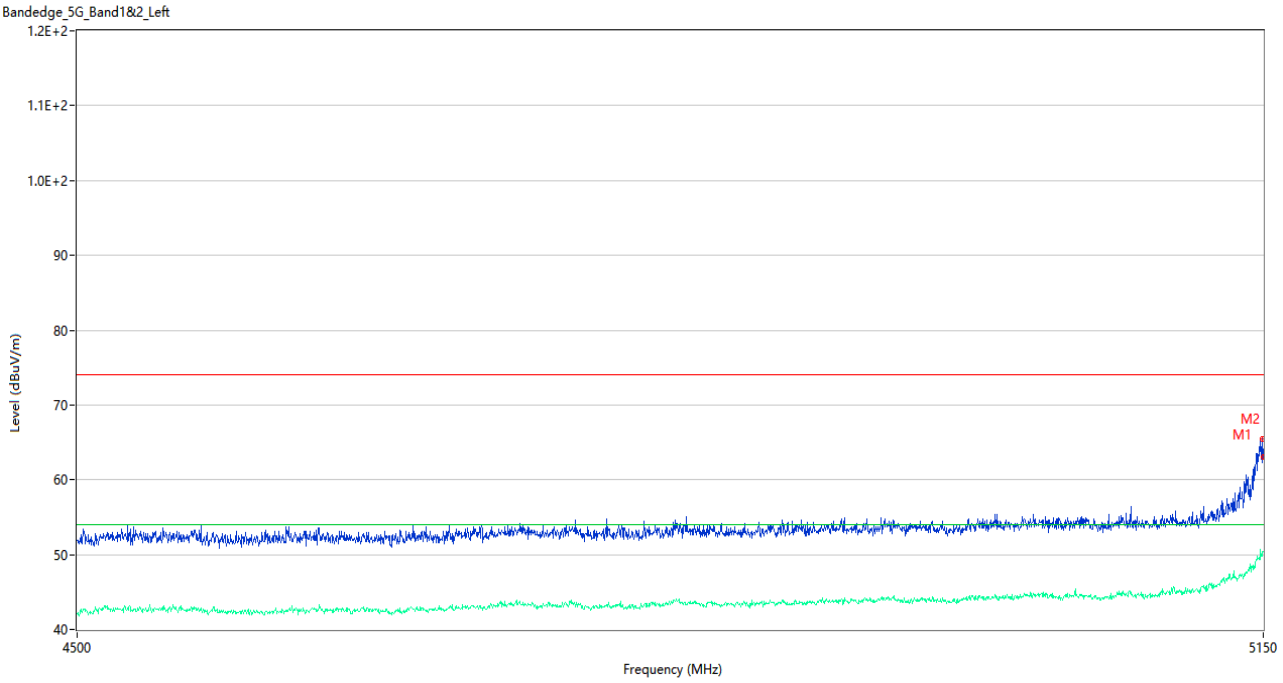
A.6.2 Band Edge (Restricted-band)

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

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

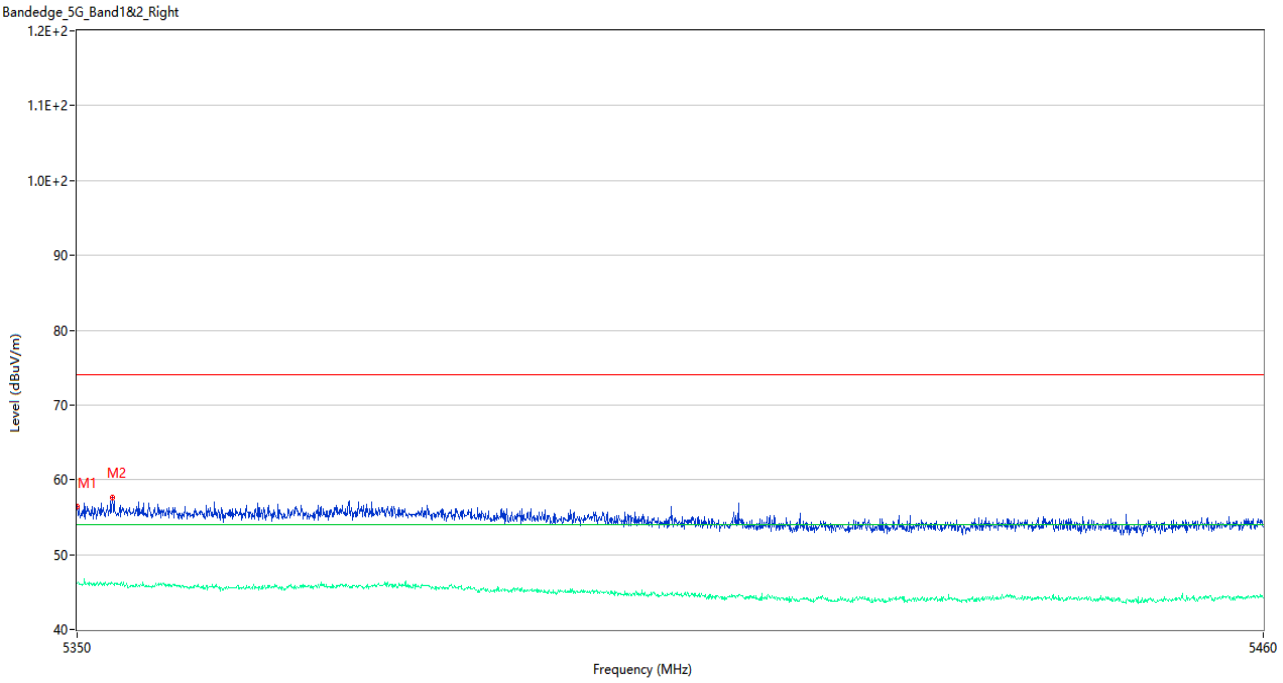
Test Data and Plots

U-NII-1 11a Low Channel



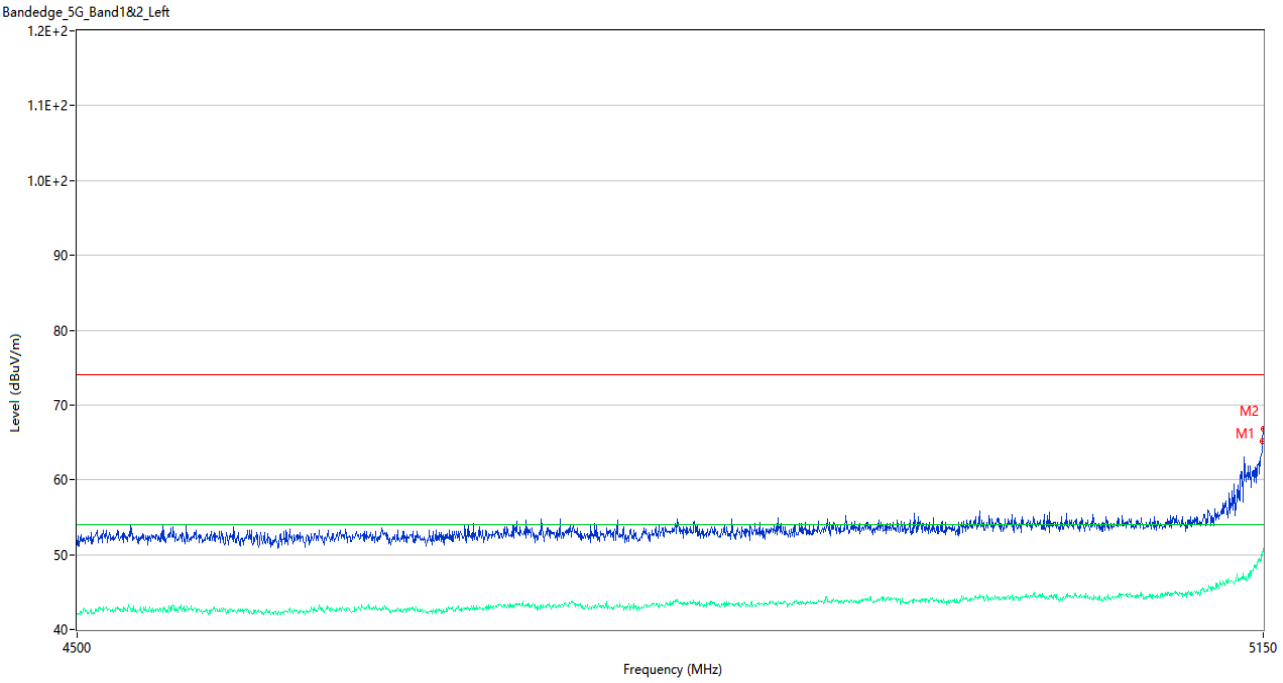
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	65.39	2.85	74.0	8.61	Peak	158.00	100	Horizontal	Pass
1**	5149.675	50.39	2.85	54.0	3.61	AV	158.00	100	Horizontal	Pass
2	5150.000	62.98	2.86	74.0	11.02	Peak	171.00	200	Horizontal	Pass
2**	5150.000	50.34	2.86	54.0	3.66	AV	171.00	200	Horizontal	Pass

U-NII-1 11a High Channel



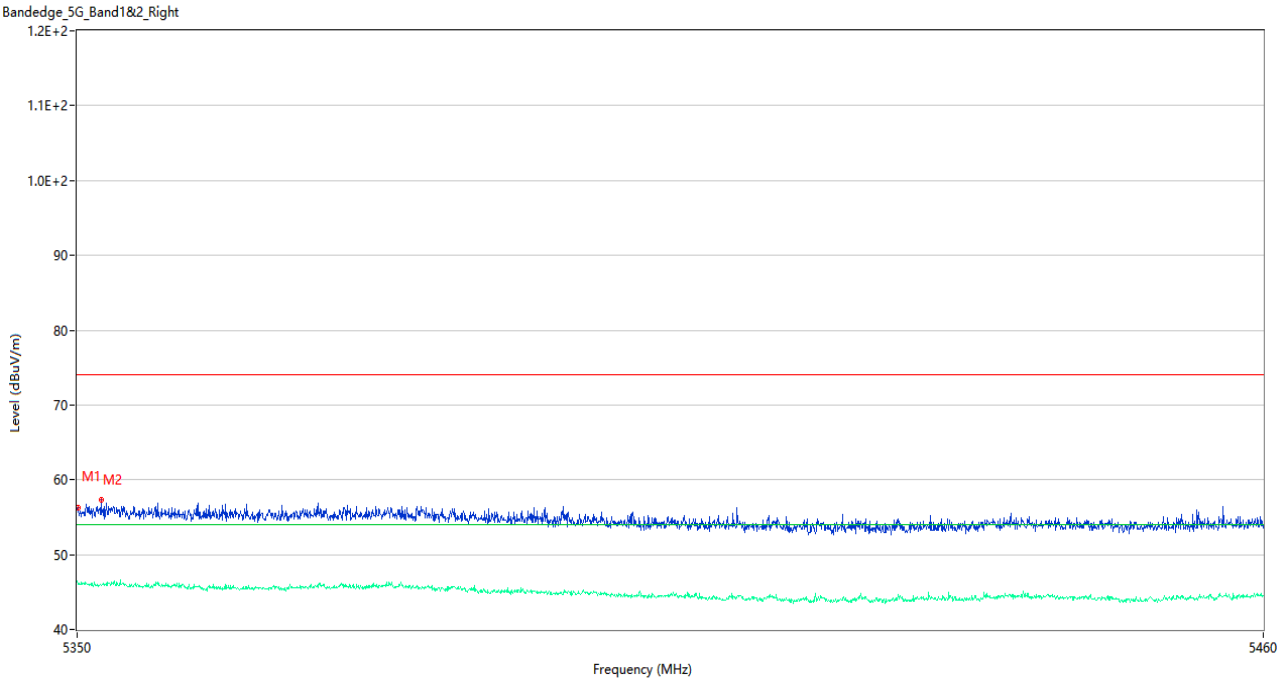
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.49	3.32	74.0	17.51	Peak	222.00	100	Horizontal	Pass
1**	5350.000	46.18	3.32	54.0	7.82	AV	222.00	100	Horizontal	Pass
2	5353.245	57.56	3.18	74.0	16.44	Peak	0.00	100	Horizontal	Pass
2**	5353.245	46.22	3.18	54.0	7.78	AV	0.00	100	Horizontal	Pass

U-NII-1 11n20 Low Channel



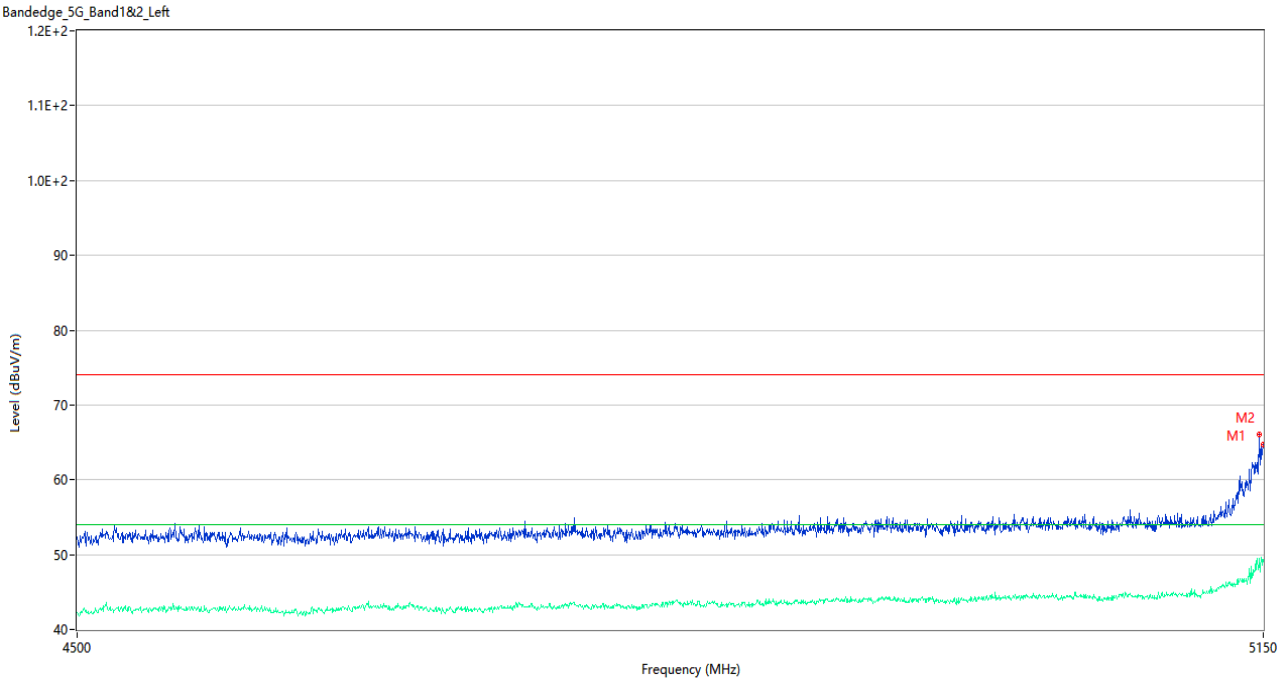
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	65.12	2.85	74.0	8.88	Peak	169.00	150	Horizontal	Pass
1**	5149.675	49.79	2.85	54.0	4.21	AV	169.00	150	Horizontal	Pass
2	5150.000	66.88	2.86	74.0	7.12	Peak	169.00	200	Horizontal	Pass
2**	5150.000	50.77	2.86	54.0	3.23	AV	169.00	200	Horizontal	Pass

U-NII-1 11n20 High Channel



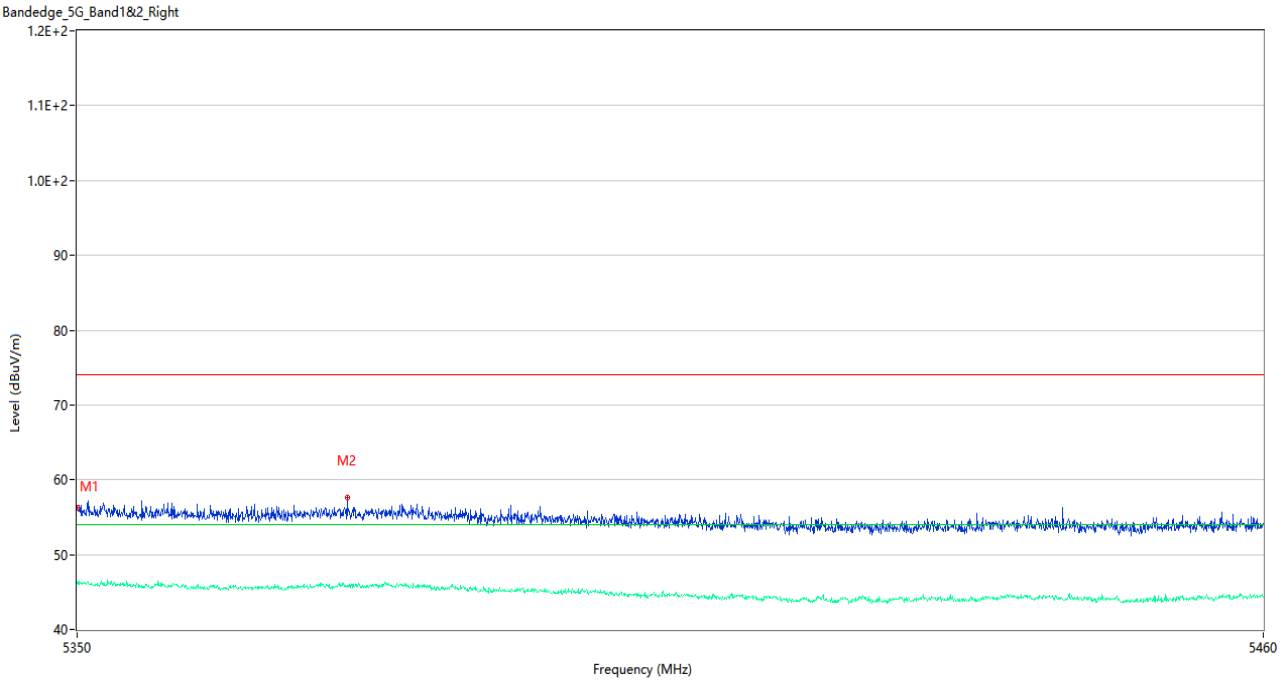
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.31	3.30	74.0	17.69	Peak	41.00	200	Horizontal	Pass
1**	5350.055	46.14	3.30	54.0	7.86	AV	41.00	200	Horizontal	Pass
2	5352.200	57.36	3.09	74.0	16.64	Peak	0.00	150	Horizontal	Pass
2**	5352.200	45.93	3.09	54.0	8.07	AV	0.00	150	Horizontal	Pass

U-NII-1 11n40 Low Channel



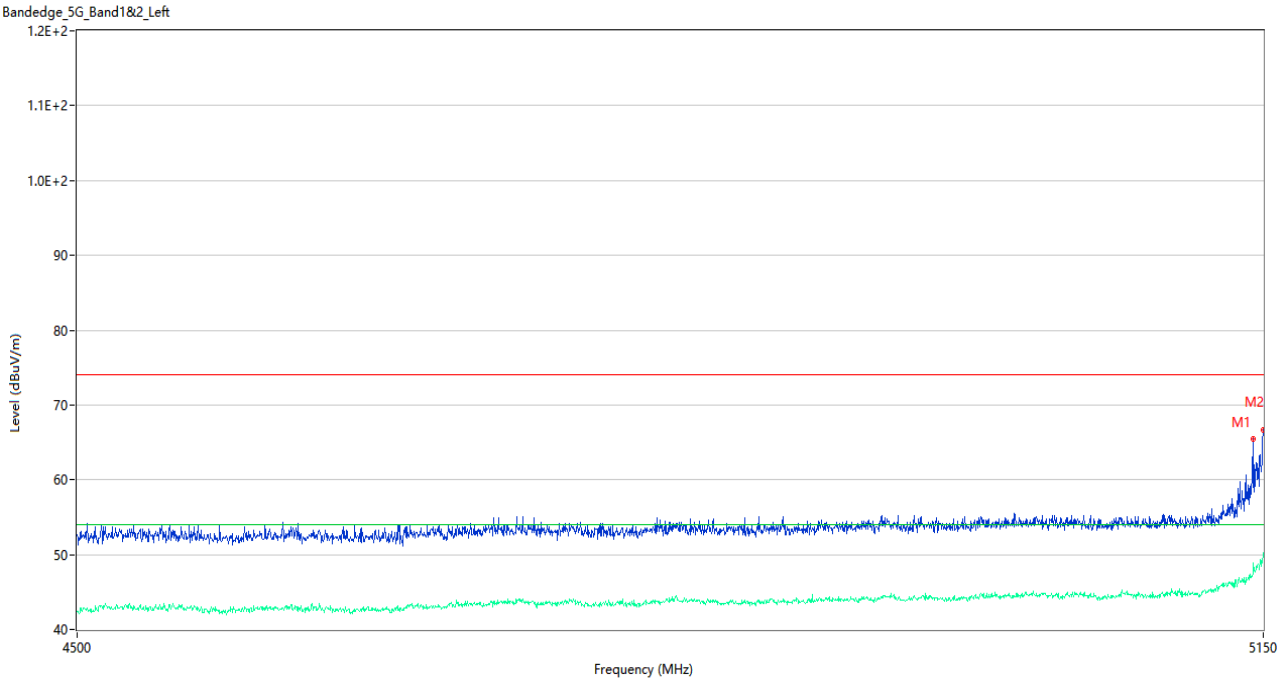
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.400	66.01	2.94	74.0	7.99	Peak	164.00	200	Horizontal	Pass
1**	5147.400	48.34	2.94	54.0	5.66	AV	164.00	200	Horizontal	Pass
2	5150.000	64.75	2.86	74.0	9.25	Peak	167.00	150	Horizontal	Pass
2**	5150.000	49.39	2.86	54.0	4.61	AV	167.00	150	Horizontal	Pass

U-NII-1 11n40 High Channel



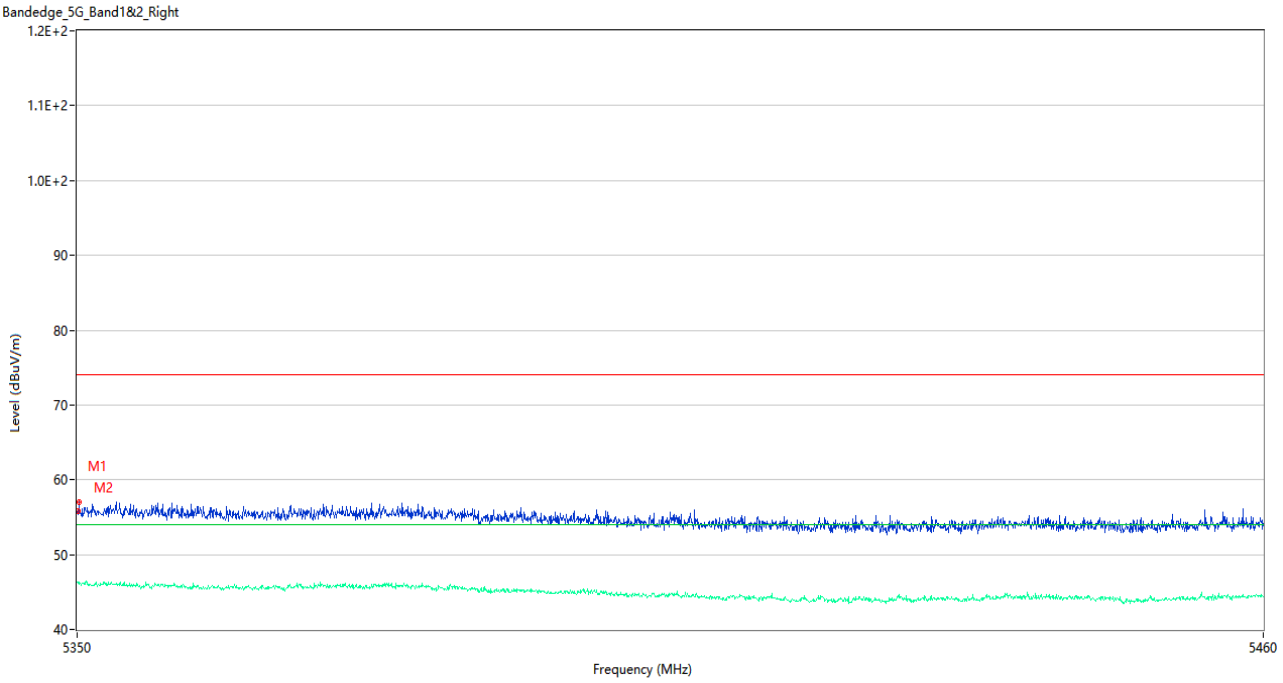
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.24	3.32	74.0	17.76	Peak	228.00	100	Horizontal	Pass
1**	5350.000	46.37	3.32	54.0	7.63	AV	228.00	100	Horizontal	Pass
2	5374.860	57.62	2.94	74.0	16.38	Peak	222.00	200	Horizontal	Pass
2**	5374.860	45.81	2.94	54.0	8.19	AV	222.00	200	Horizontal	Pass

U-NII-1 11ac20 Low Channel



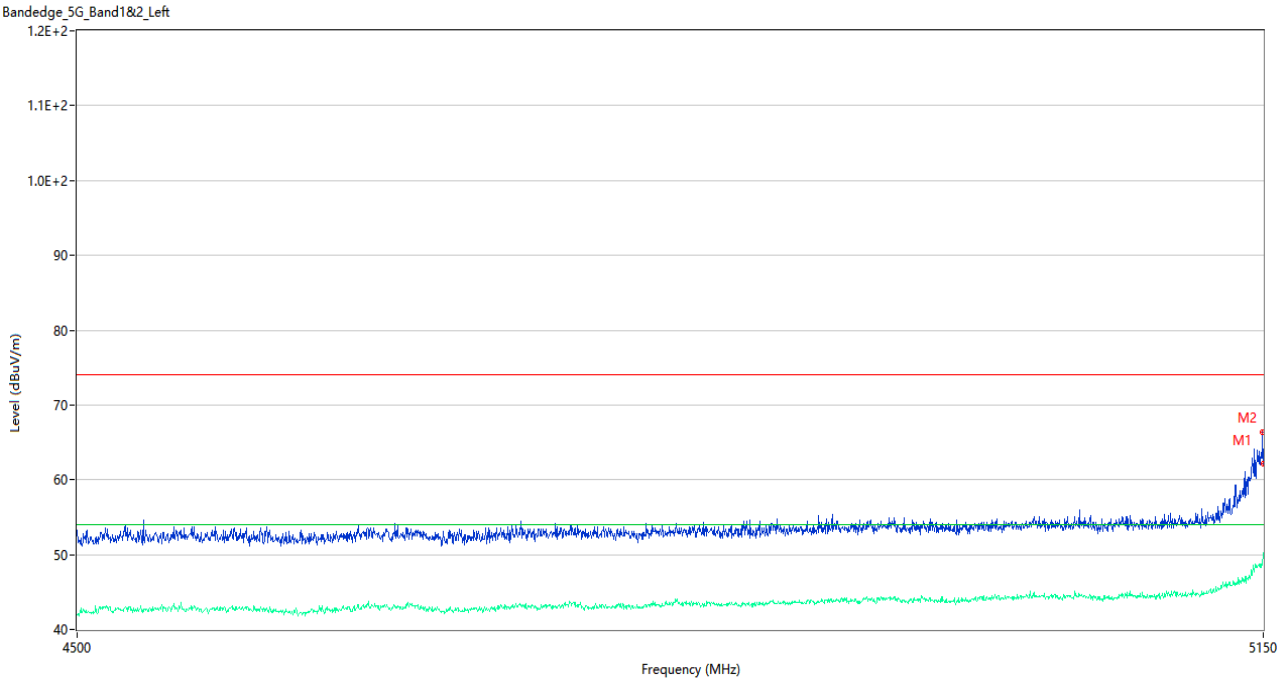
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5143.825	65.50	2.78	74.0	8.50	Peak	158.00	150	Horizontal	Pass
1**	5143.825	47.44	2.78	54.0	6.56	AV	158.00	150	Horizontal	Pass
2	5150.000	66.73	2.86	74.0	7.27	Peak	158.00	200	Horizontal	Pass
2**	5150.000	50.20	2.86	54.0	3.80	AV	158.00	200	Horizontal	Pass

U-NII-1 11ac20 High Channel



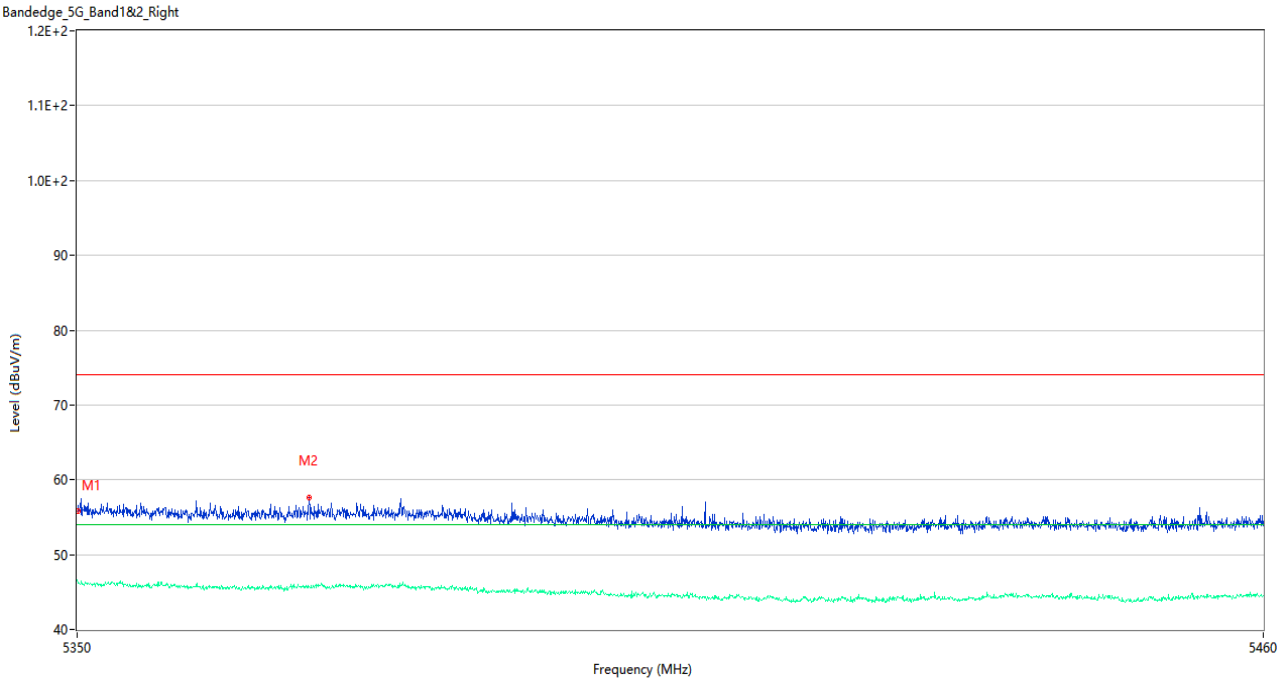
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.86	3.30	74.0	18.14	Peak	163.00	150	Horizontal	Pass
1**	5350.055	46.13	3.30	54.0	7.87	AV	163.00	150	Horizontal	Pass
2	5350.165	57.00	3.25	74.0	17.00	Peak	312.00	200	Horizontal	Pass
2**	5350.165	46.08	3.25	54.0	7.92	AV	312.00	200	Horizontal	Pass

U-NII-1 11ac40 Low Channel



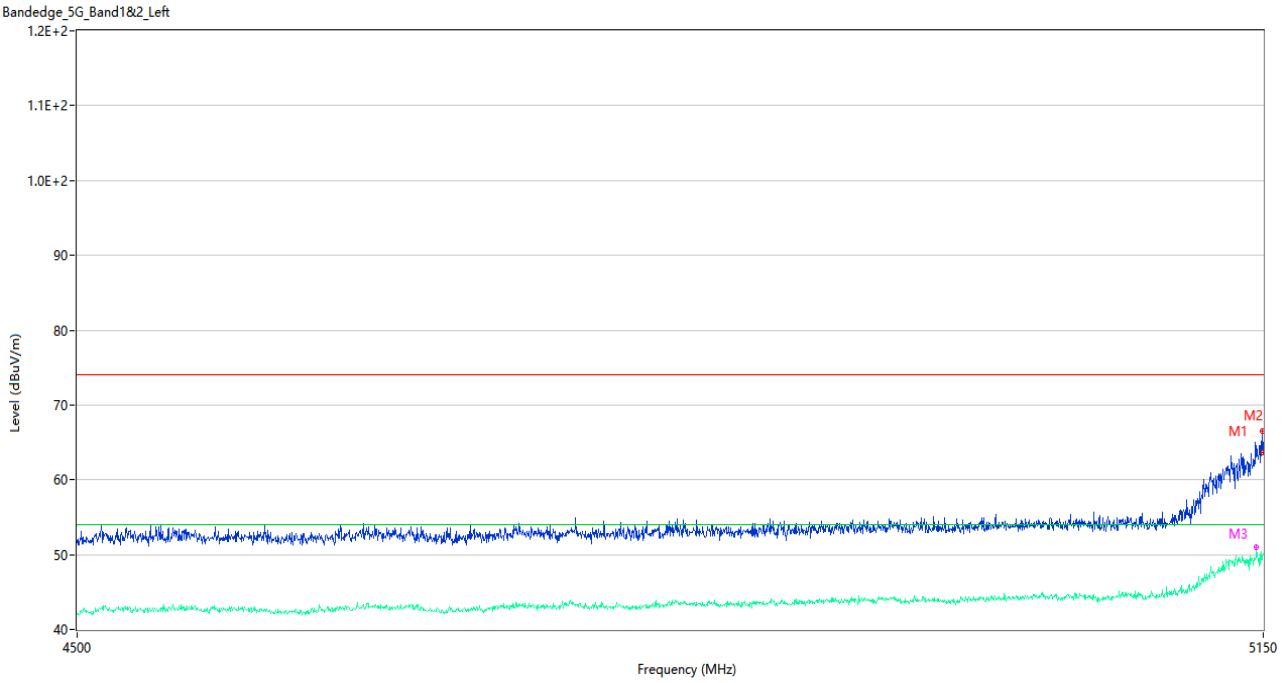
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	66.31	2.85	74.0	7.69	Peak	190.00	150	Horizontal	Pass
1**	5149.675	48.63	2.85	54.0	5.37	AV	190.00	150	Horizontal	Pass
2	5150.000	62.09	2.86	74.0	11.91	Peak	176.00	200	Horizontal	Pass
2**	5150.000	50.19	2.86	54.0	3.81	AV	176.00	200	Horizontal	Pass

U-NII-1 11ac40 High Channel



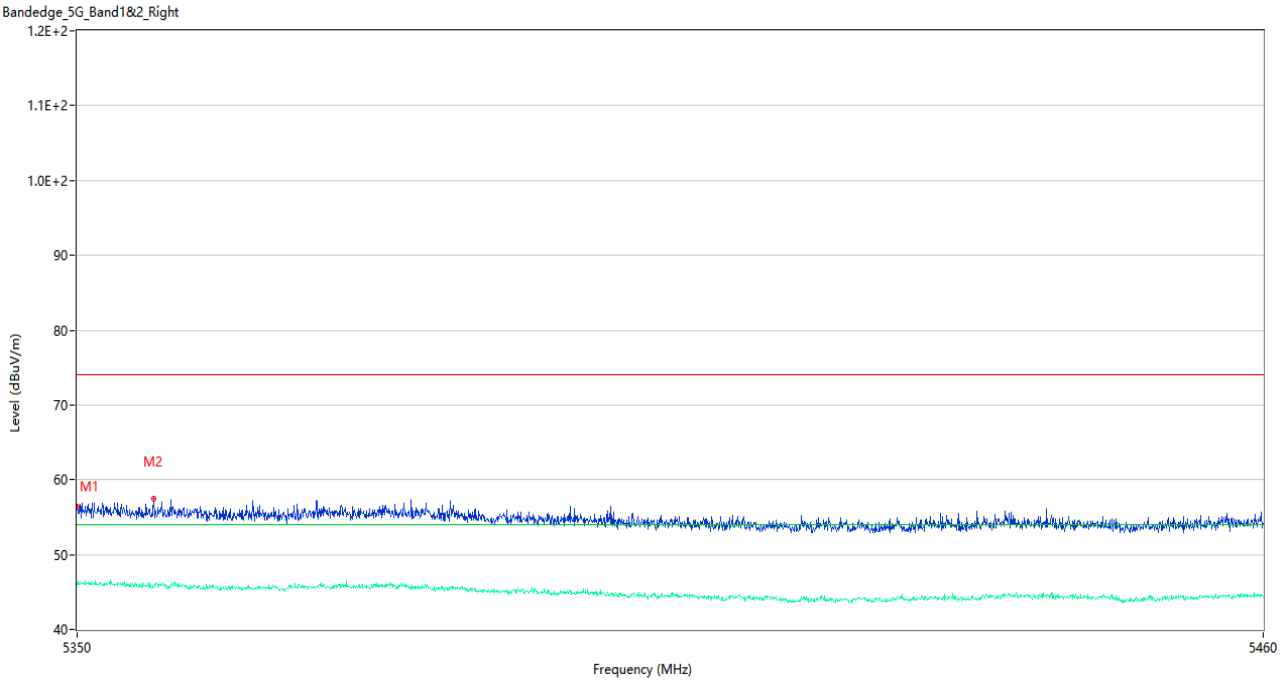
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.81	3.30	74.0	18.19	Peak	0.00	100	Horizontal	Pass
1**	5350.055	46.17	3.30	54.0	7.83	AV	0.00	100	Horizontal	Pass
2	5371.340	57.61	2.70	74.0	16.39	Peak	300.00	200	Horizontal	Pass
2**	5371.340	45.76	2.70	54.0	8.24	AV	300.00	200	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



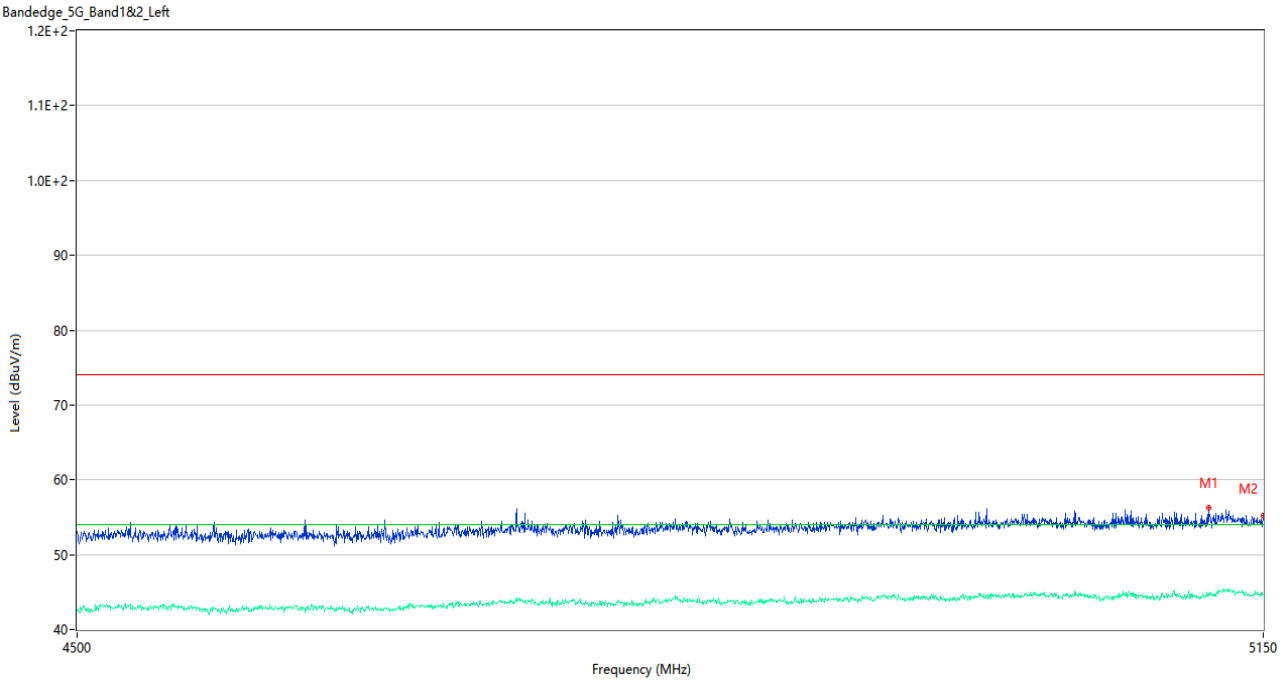
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	66.44	2.85	74.0	7.56	Peak	193.00	100	Horizontal	Pass
1**	5149.675	49.94	2.85	54.0	4.06	AV	193.00	100	Horizontal	Pass
2	5150.000	63.68	2.86	74.0	10.32	Peak	168.00	100	Horizontal	Pass
2**	5150.000	50.10	2.86	54.0	3.90	AV	168.00	100	Horizontal	Pass
3	5146.100	62.98	2.93	74.0	11.02	Peak	173.00	100	Horizontal	Pass
3**	5146.100	50.97	2.93	54.0	3.03	AV	173.00	100	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



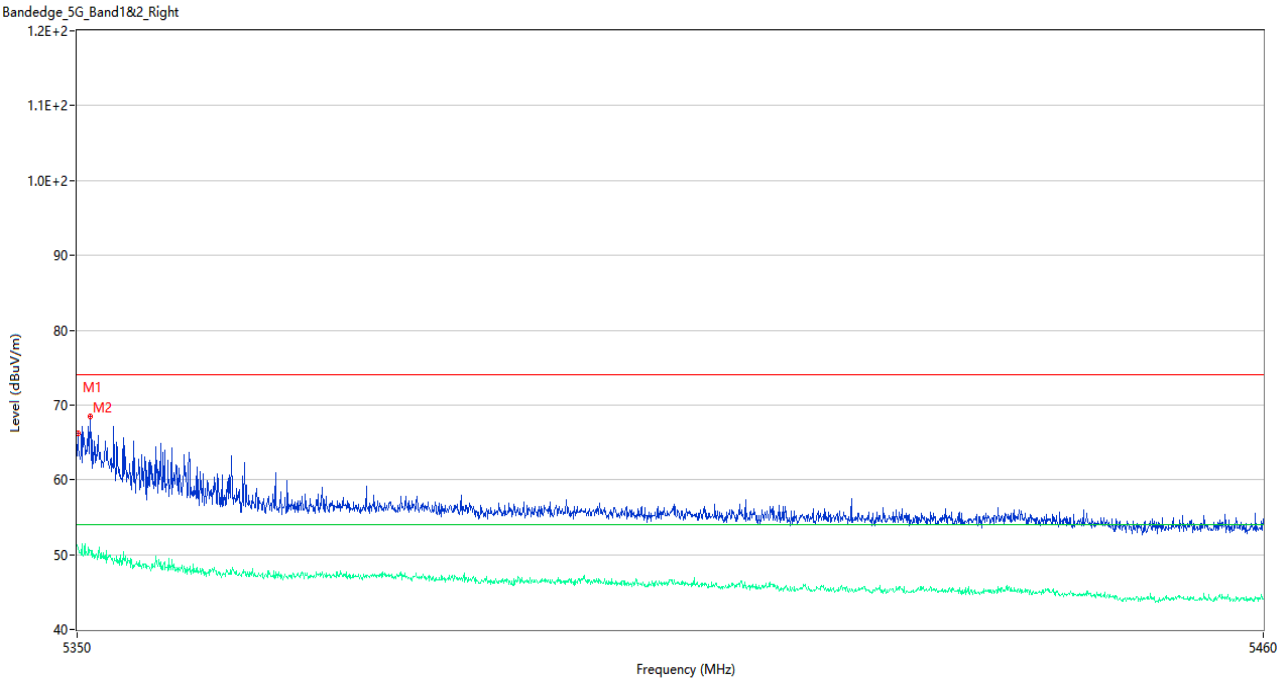
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.44	3.32	74.0	17.56	Peak	163.00	150	Horizontal	Pass
1**	5350.000	46.03	3.32	54.0	7.97	AV	163.00	150	Horizontal	Pass
2	5357.040	57.48	2.92	74.0	16.52	Peak	24.00	100	Horizontal	Pass
2**	5357.040	45.79	2.92	54.0	8.21	AV	24.00	100	Horizontal	Pass

U-NII-2A 11a Low Channel



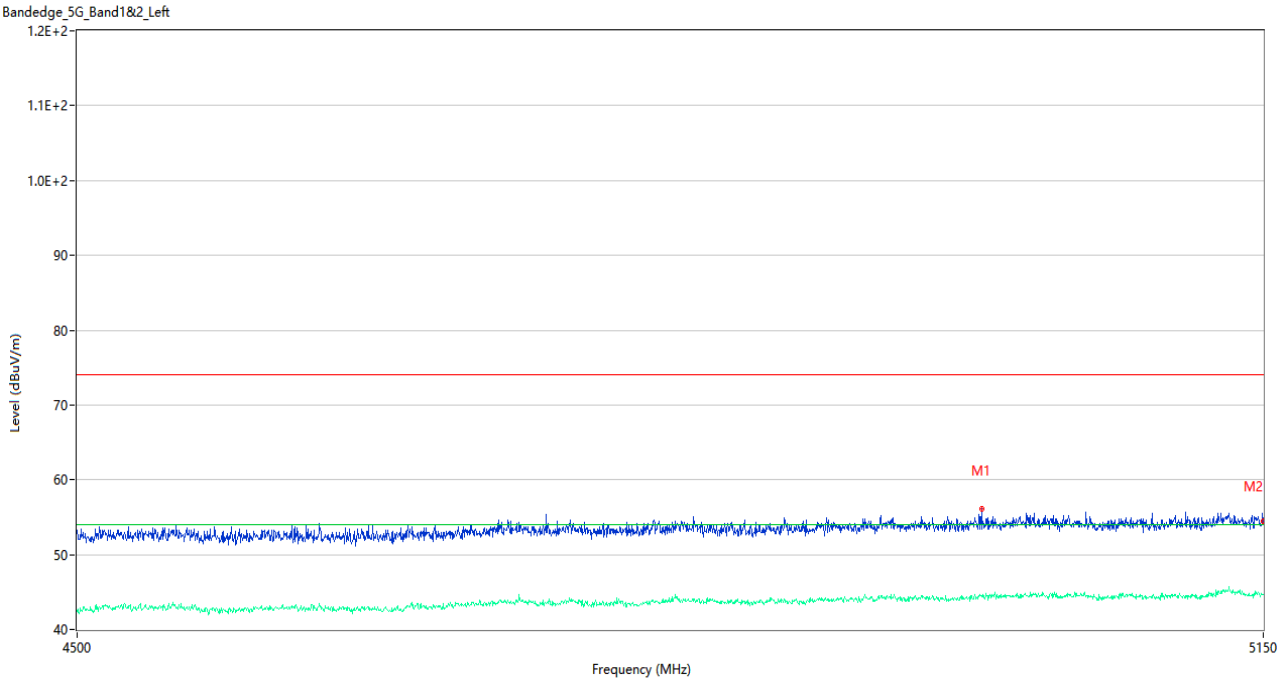
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5118.150	56.26	2.80	74.0	17.74	Peak	38.00	100	Horizontal	Pass
1**	5118.150	44.76	2.80	54.0	9.24	AV	38.00	100	Horizontal	Pass
2	5150.000	55.17	2.86	74.0	18.83	Peak	38.00	150	Horizontal	Pass
2**	5150.000	44.74	2.86	54.0	9.26	AV	38.00	150	Horizontal	Pass

U-NII-2A 11a High Channel



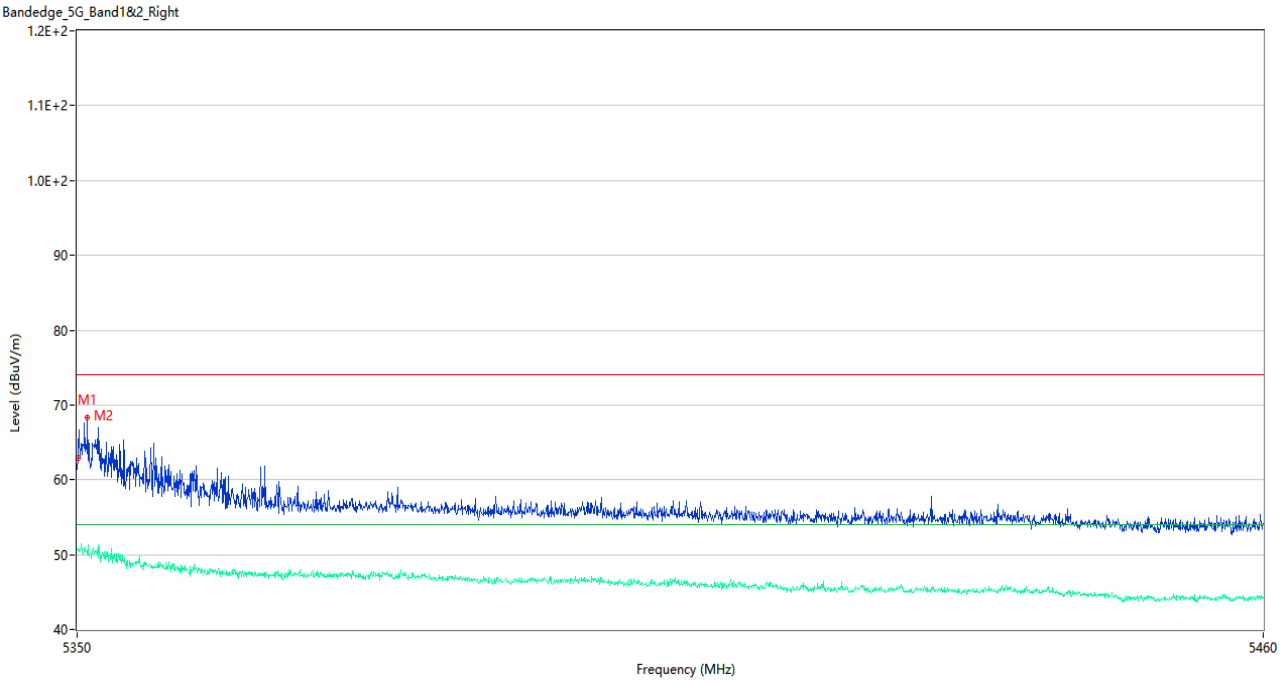
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	66.25	3.30	74.0	7.75	Peak	207.00	200	Horizontal	Pass
1**	5350.055	50.81	3.30	54.0	3.19	AV	207.00	200	Horizontal	Pass
2	5351.210	68.41	3.10	74.0	5.59	Peak	178.00	100	Horizontal	Pass
2**	5351.210	50.52	3.10	54.0	3.48	AV	178.00	100	Horizontal	Pass

U-NII-2A 11n20 Low Channel



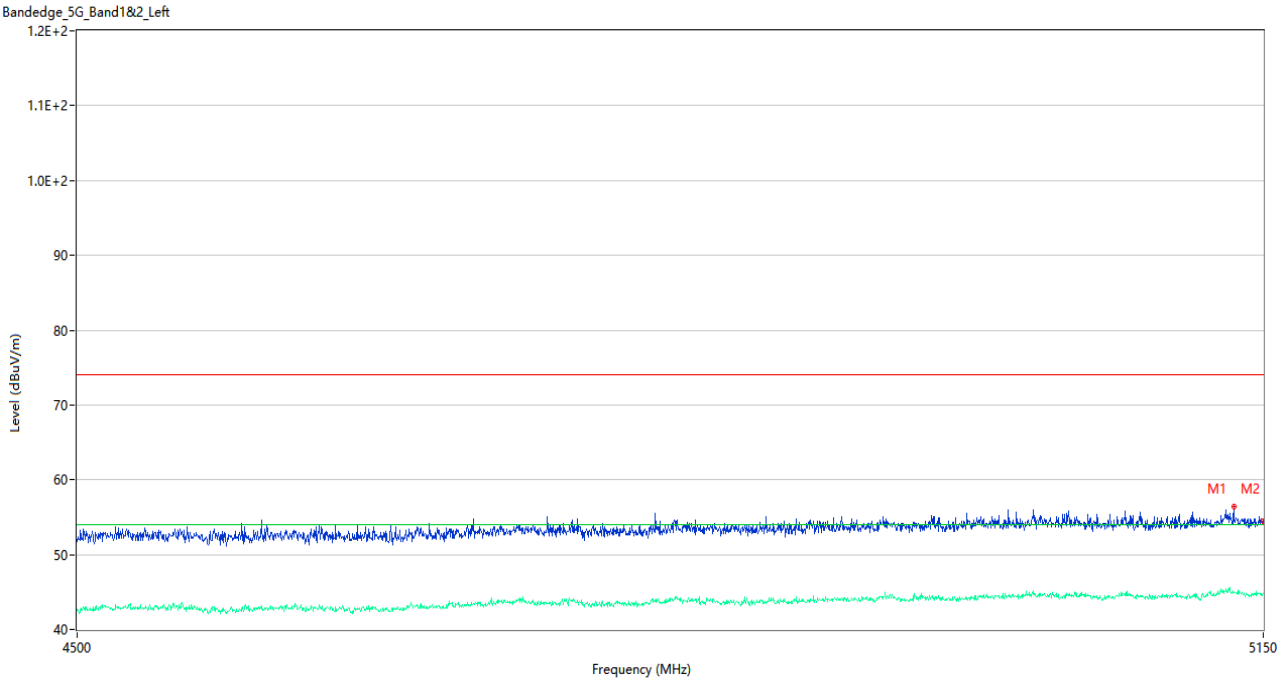
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4987.500	56.19	2.64	74.0	17.81	Peak	154.00	150	Horizontal	Pass
1**	4987.500	44.43	2.64	54.0	9.57	AV	154.00	150	Horizontal	Pass
2	5150.000	54.47	2.86	74.0	19.53	Peak	295.00	100	Horizontal	Pass
2**	5150.000	44.69	2.86	54.0	9.31	AV	295.00	100	Horizontal	Pass

U-NII-2A 11n20 High Channel



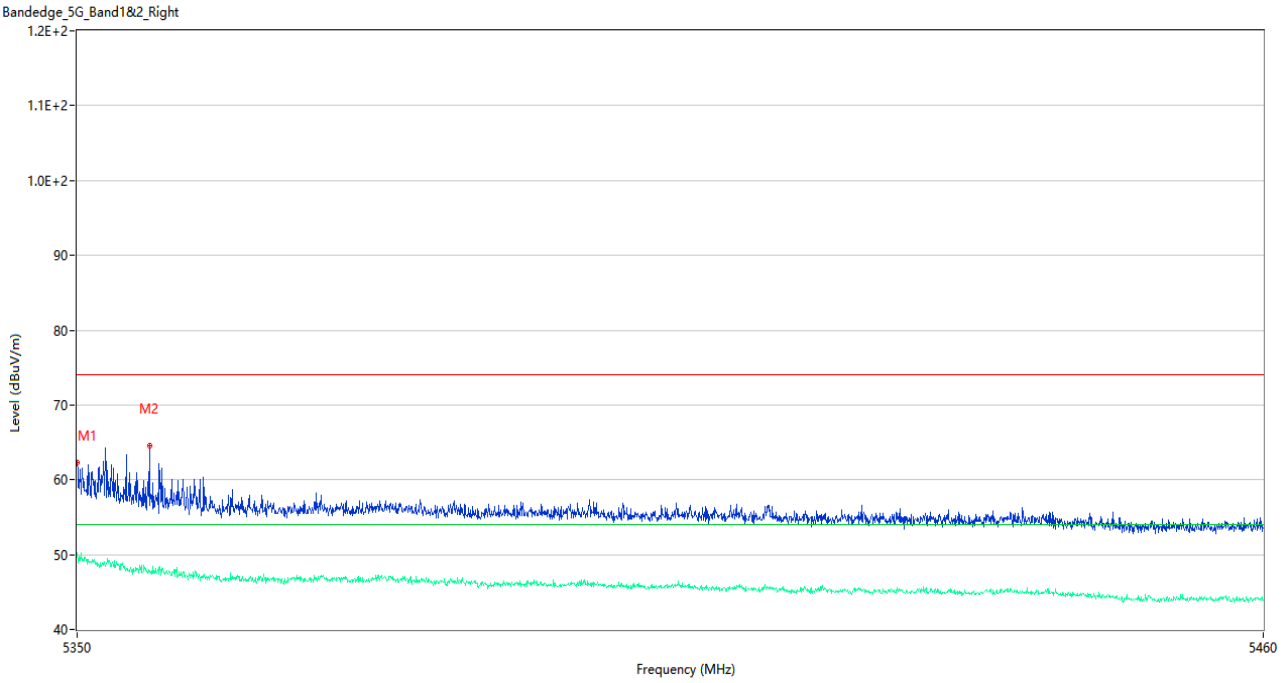
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	62.98	3.30	74.0	11.02	Peak	184.00	150	Horizontal	Pass
1**	5350.055	50.88	3.30	54.0	3.12	AV	184.00	150	Horizontal	Pass
2	5350.935	68.34	3.23	74.0	5.66	Peak	177.00	200	Horizontal	Pass
2**	5350.935	49.92	3.23	54.0	4.08	AV	177.00	200	Horizontal	Pass

U-NII-2A 11n40 Low Channel



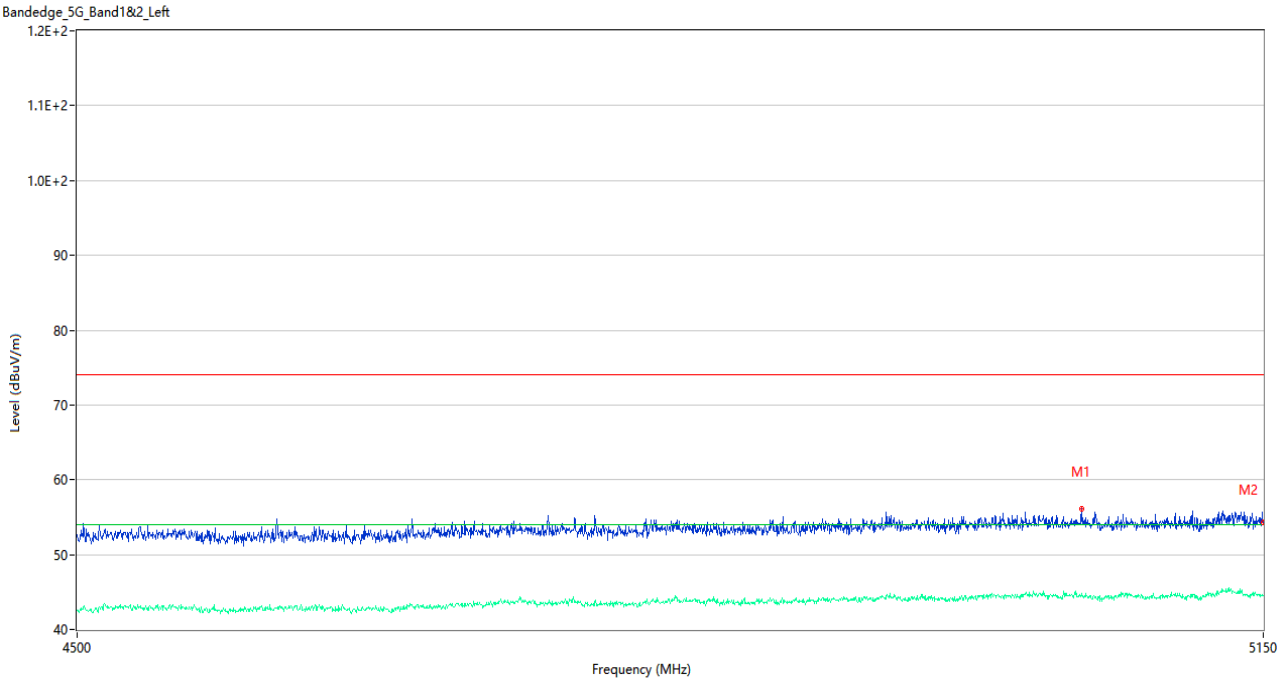
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5132.775	56.50	3.19	74.0	17.50	Peak	269.00	100	Horizontal	Pass
1**	5132.775	45.02	3.19	54.0	8.98	AV	269.00	100	Horizontal	Pass
2	5150.000	54.48	2.86	74.0	19.52	Peak	9.00	100	Horizontal	Pass
2**	5150.000	44.89	2.86	54.0	9.11	AV	9.00	100	Horizontal	Pass

U-NII-2A 11n40 High Channel



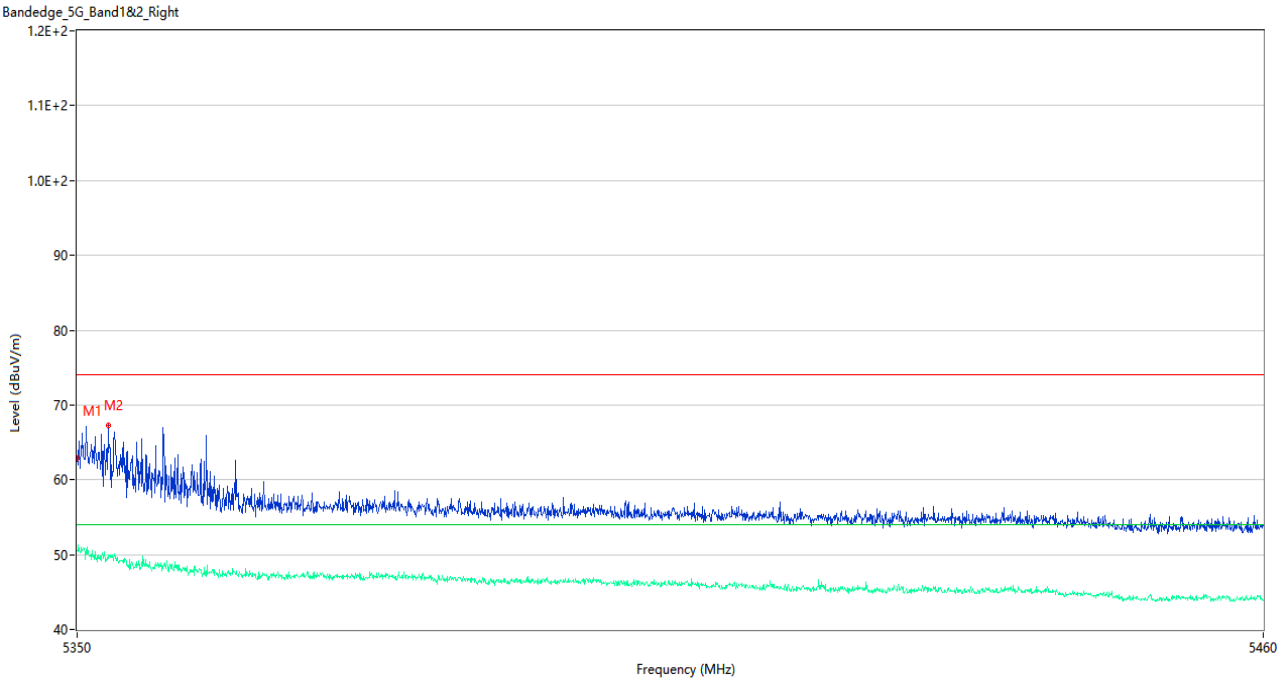
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	62.24	3.32	74.0	11.76	Peak	190.00	150	Horizontal	Pass
1**	5350.000	50.21	3.32	54.0	3.79	AV	190.00	150	Horizontal	Pass
2	5356.655	64.53	2.82	74.0	9.47	Peak	180.00	200	Horizontal	Pass
2**	5356.655	47.90	2.82	54.0	6.10	AV	180.00	200	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



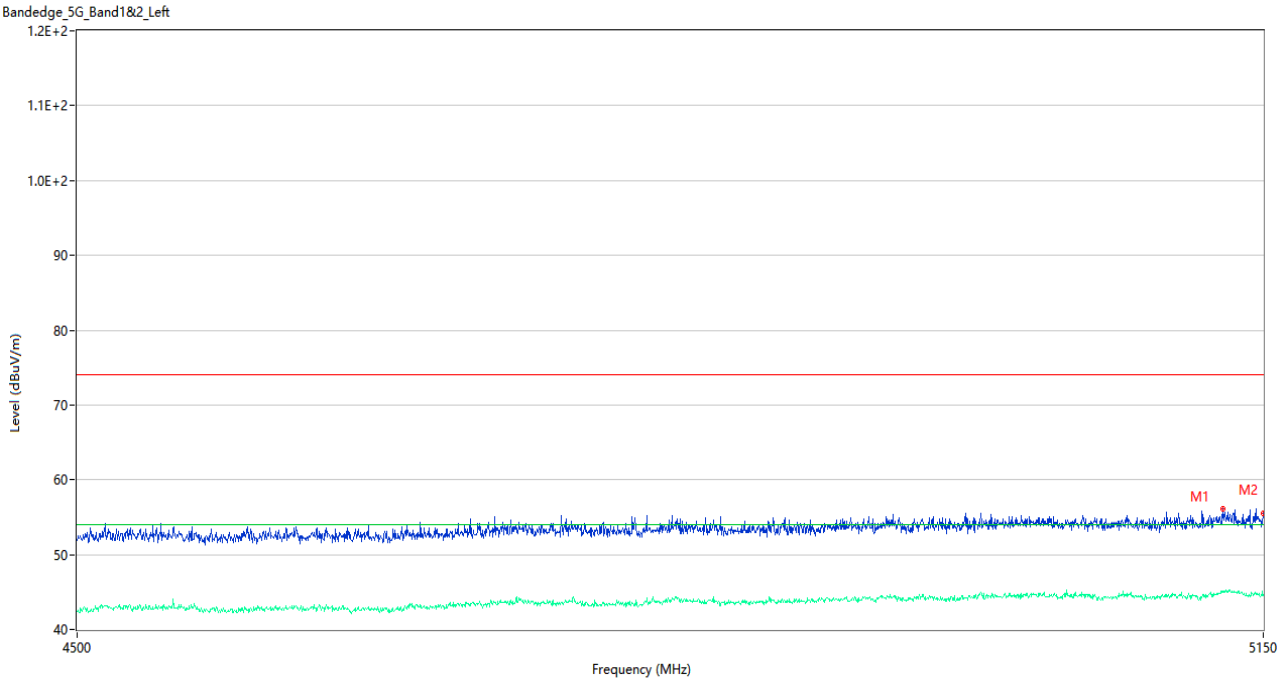
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5045.025	56.06	2.78	74.0	17.94	Peak	306.00	100	Horizontal	Pass
1**	5045.025	44.49	2.78	54.0	9.51	AV	306.00	100	Horizontal	Pass
2	5150.000	54.29	2.86	74.0	19.71	Peak	8.00	200	Horizontal	Pass
2**	5150.000	44.46	2.86	54.0	9.54	AV	8.00	200	Horizontal	Pass

U-NII-2A 11ac20 High Channel



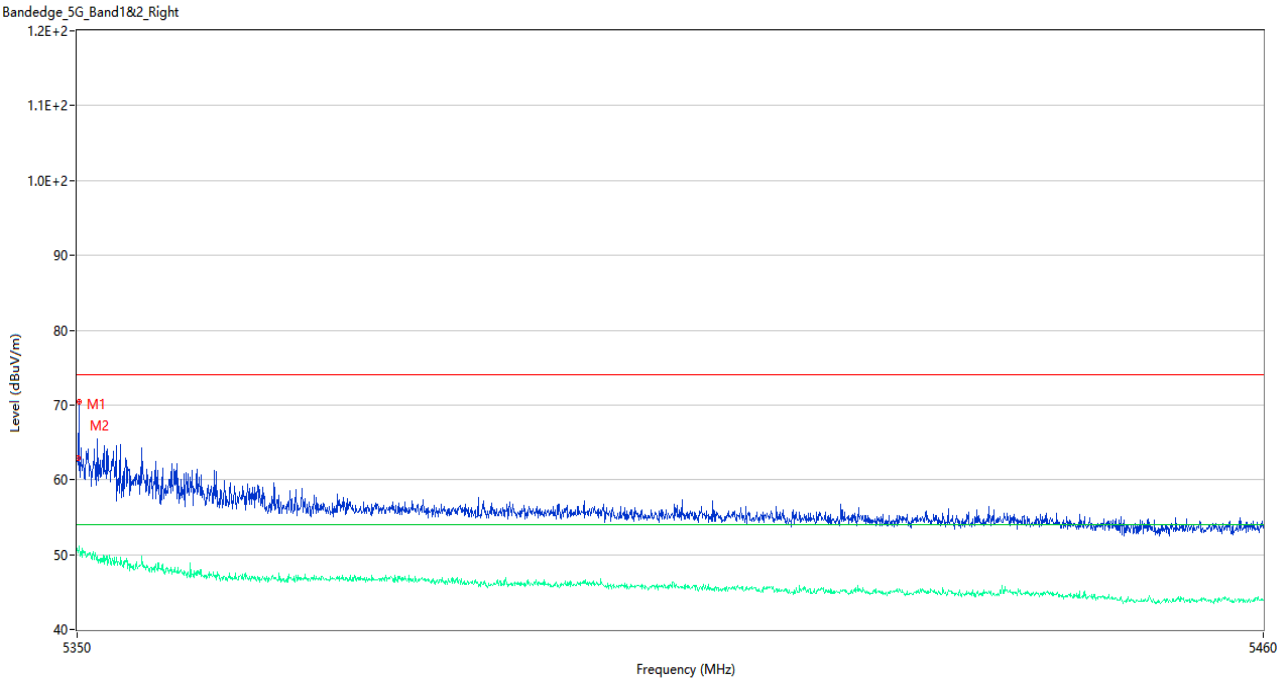
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	62.94	3.32	74.0	11.06	Peak	170.00	200	Horizontal	Pass
1**	5350.000	50.56	3.32	54.0	3.44	AV	170.00	200	Horizontal	Pass
2	5352.860	67.20	3.20	74.0	6.80	Peak	167.00	150	Horizontal	Pass
2**	5352.860	49.48	3.20	54.0	4.52	AV	167.00	150	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



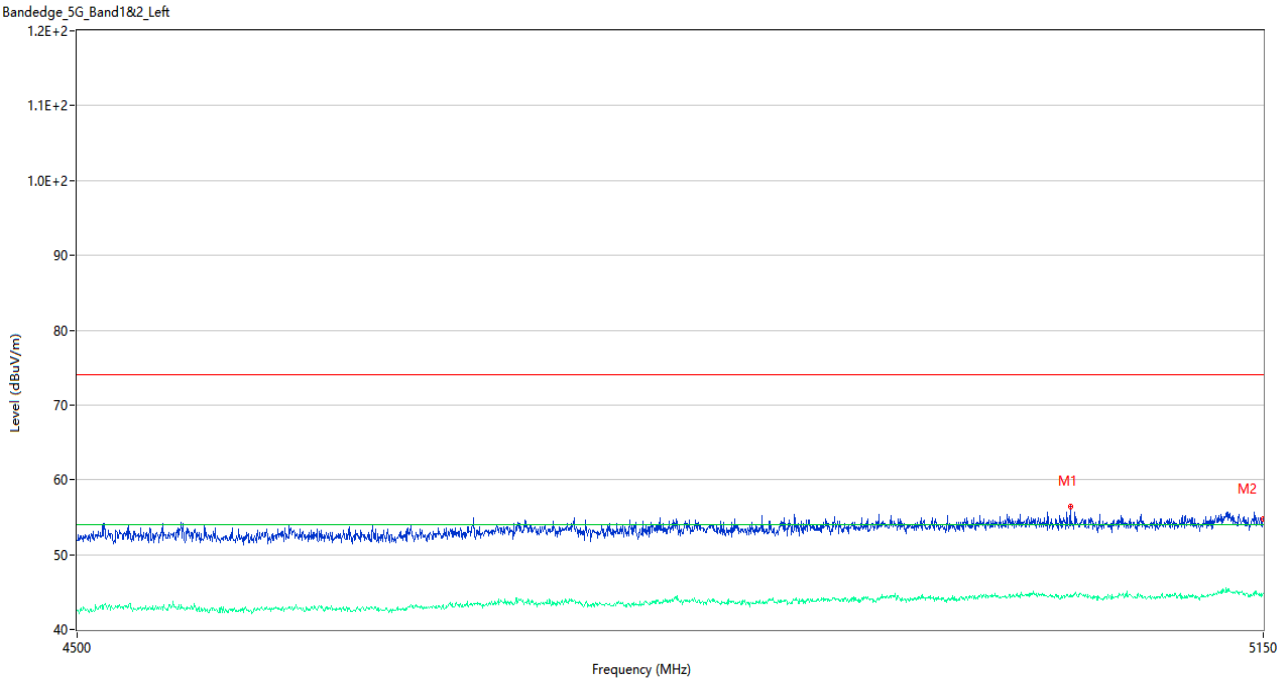
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5126.275	56.10	3.33	74.0	17.90	Peak	266.00	100	Horizontal	Pass
1**	5126.275	44.96	3.33	54.0	9.04	AV	266.00	100	Horizontal	Pass
2	5150.000	55.51	2.86	74.0	18.49	Peak	8.00	100	Horizontal	Pass
2**	5150.000	44.58	2.86	54.0	9.42	AV	8.00	100	Horizontal	Pass

U-NII-2A 11ac40 High Channel



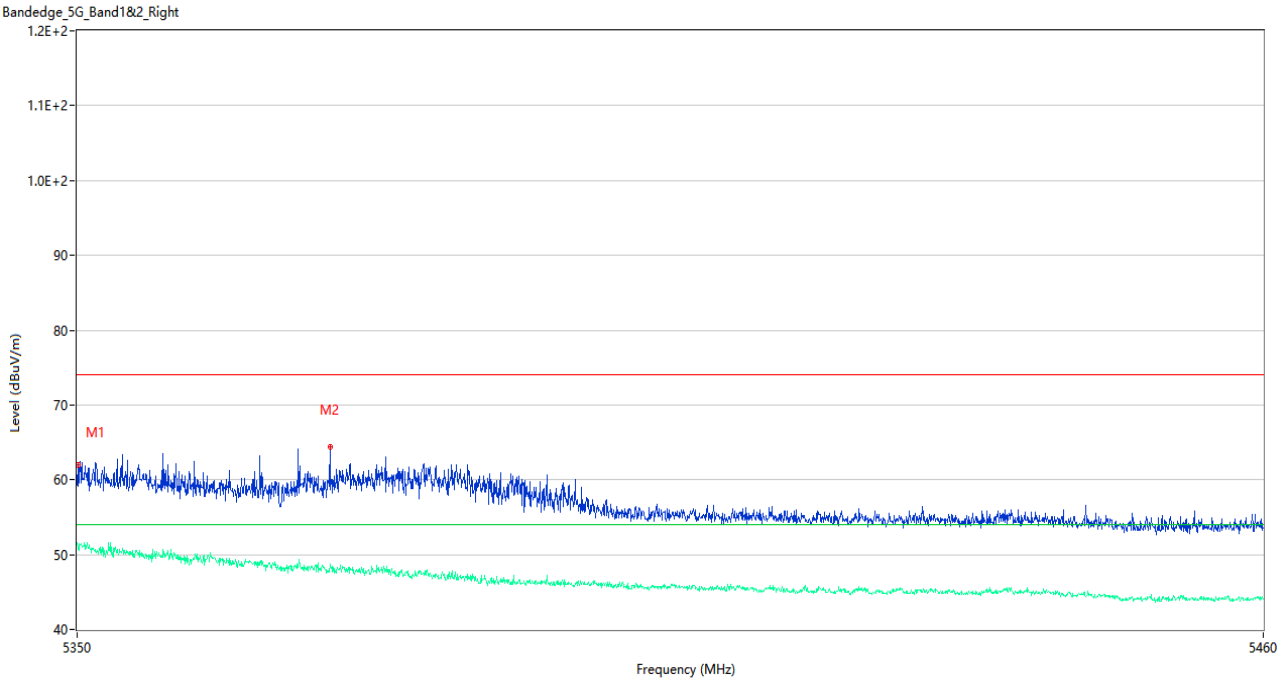
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	62.87	3.30	74.0	11.13	Peak	176.00	200	Horizontal	Pass
1**	5350.055	50.28	3.30	54.0	3.72	AV	176.00	200	Horizontal	Pass
2	5350.165	70.37	3.25	74.0	3.63	Peak	168.00	100	Horizontal	Pass
2**	5350.165	50.87	3.25	54.0	3.13	AV	168.00	100	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



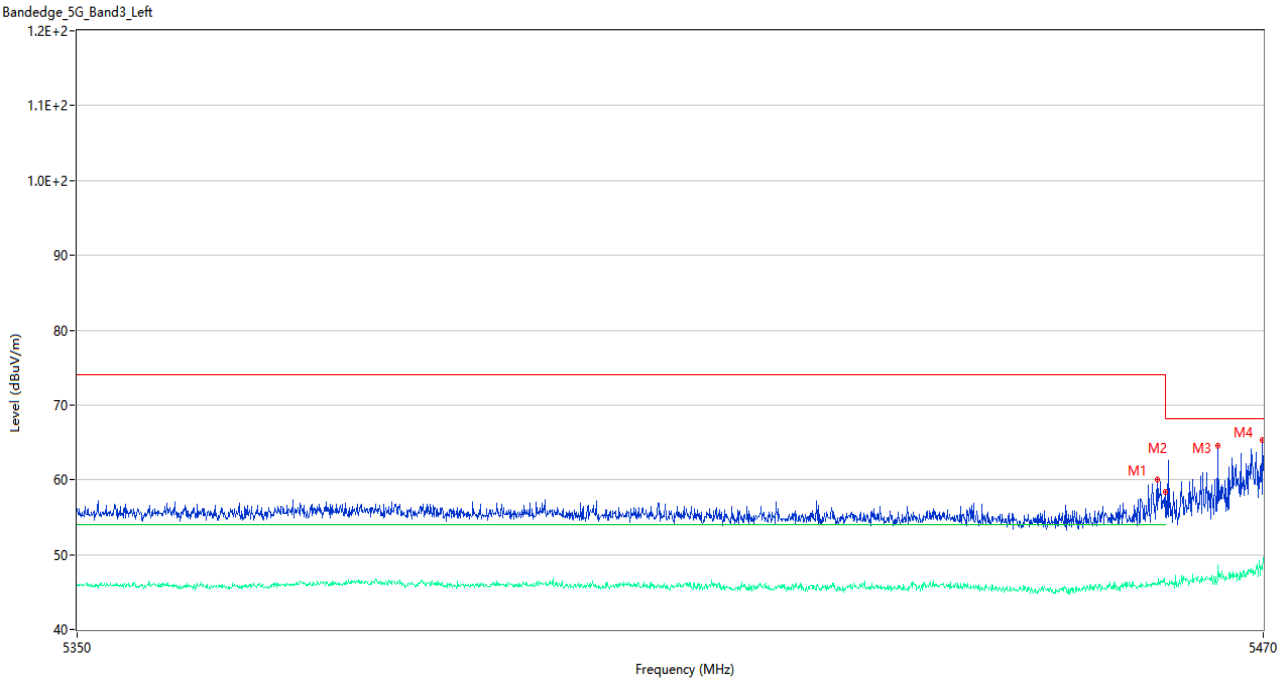
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5038.200	56.37	2.77	74.0	17.63	Peak	141.00	150	Horizontal	Pass
1**	5038.200	44.72	2.77	54.0	9.28	AV	141.00	150	Horizontal	Pass
2	5150.000	54.83	2.86	74.0	19.17	Peak	236.00	100	Horizontal	Pass
2**	5150.000	44.85	2.86	54.0	9.15	AV	236.00	100	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



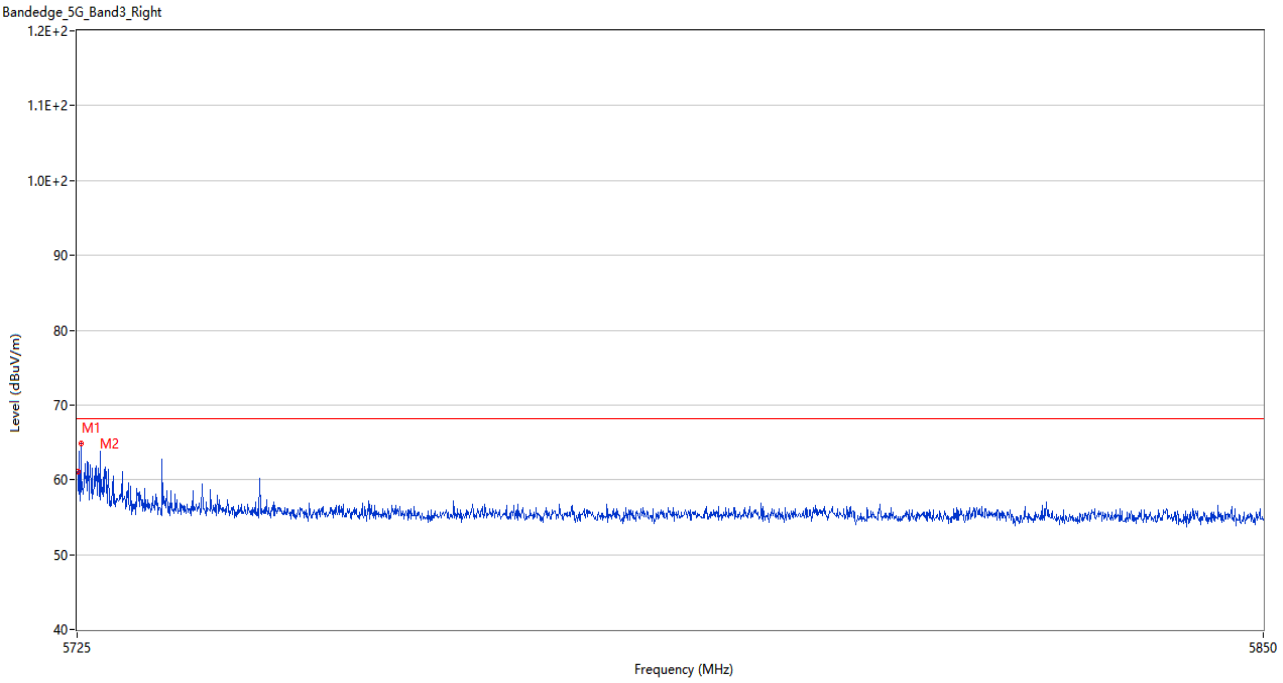
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	62.04	3.30	74.0	11.96	Peak	169.00	150	Horizontal	Pass
1**	5350.055	50.81	3.30	54.0	3.19	AV	169.00	150	Horizontal	Pass
2	5373.265	64.36	2.79	74.0	9.64	Peak	172.00	200	Horizontal	Pass
2**	5373.265	48.80	2.79	54.0	5.20	AV	172.00	200	Horizontal	Pass

U-NII-2C 11a Low Channel



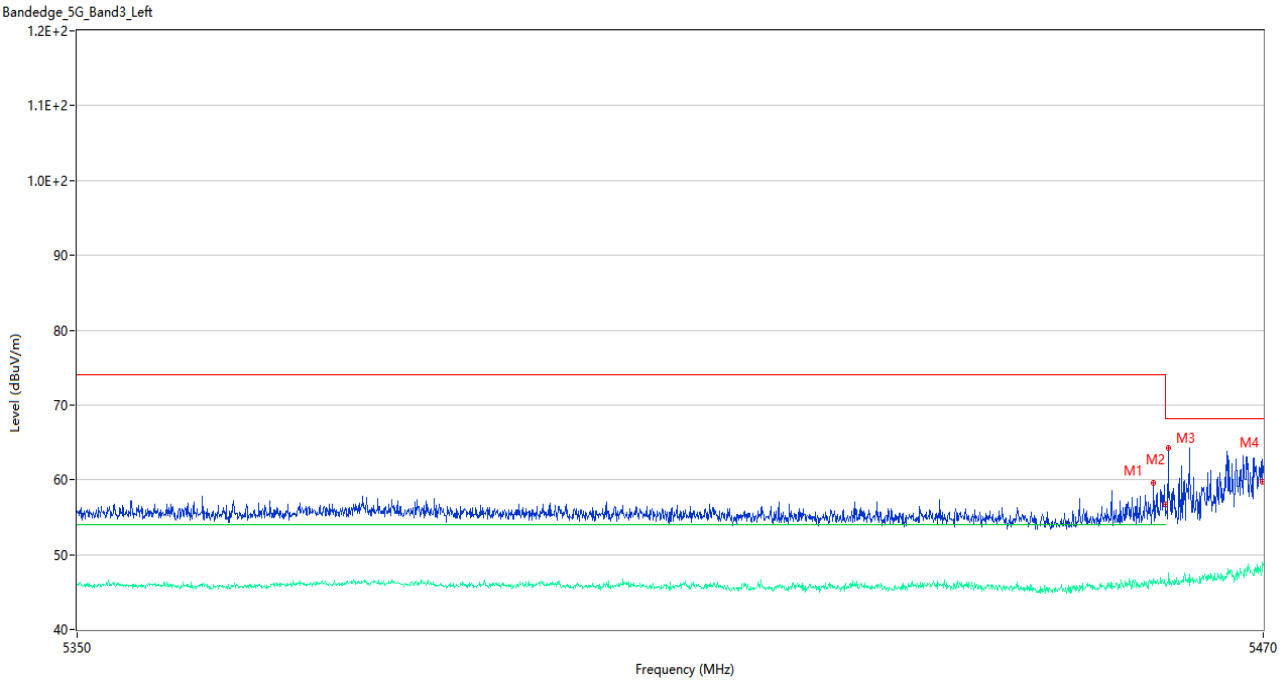
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.140	60.01	3.57	74.0	13.99	Peak	181.00	100	Horizontal	Pass
1**	5459.140	46.21	3.57	54.0	7.79	AV	181.00	100	Horizontal	Pass
2	5459.980	58.40	3.49	74.0	15.60	Peak	169.00	200	Horizontal	Pass
2**	5459.980	46.00	3.49	54.0	8.00	AV	169.00	200	Horizontal	Pass
3	5465.320	64.49	3.28	68.2	3.71	Peak	172.00	100	Horizontal	Pass
3**	5465.320	46.63	3.28	--	--	AV	172.00	100	Horizontal	N/A
4	5469.940	65.15	3.29	68.2	3.05	Peak	177.00	150	Horizontal	Pass
4**	5469.940	47.94	3.29	--	--	AV	177.00	150	Horizontal	N/A

U-NII-2C 11a High Channel



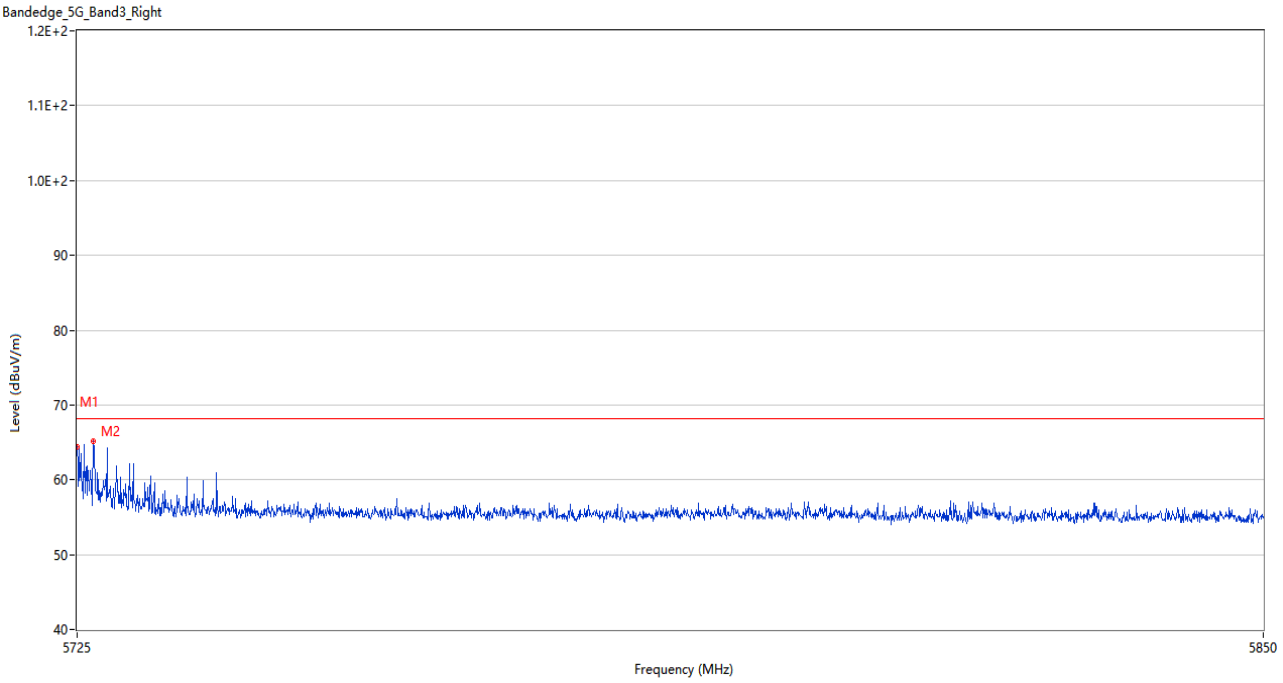
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	61.14	3.44	68.2	7.06	Peak	200.00	100	Horizontal	Pass
2	5725.375	64.85	3.34	68.2	3.35	Peak	176.00	150	Horizontal	Pass

U-NII-2C 11n20 Low Channel



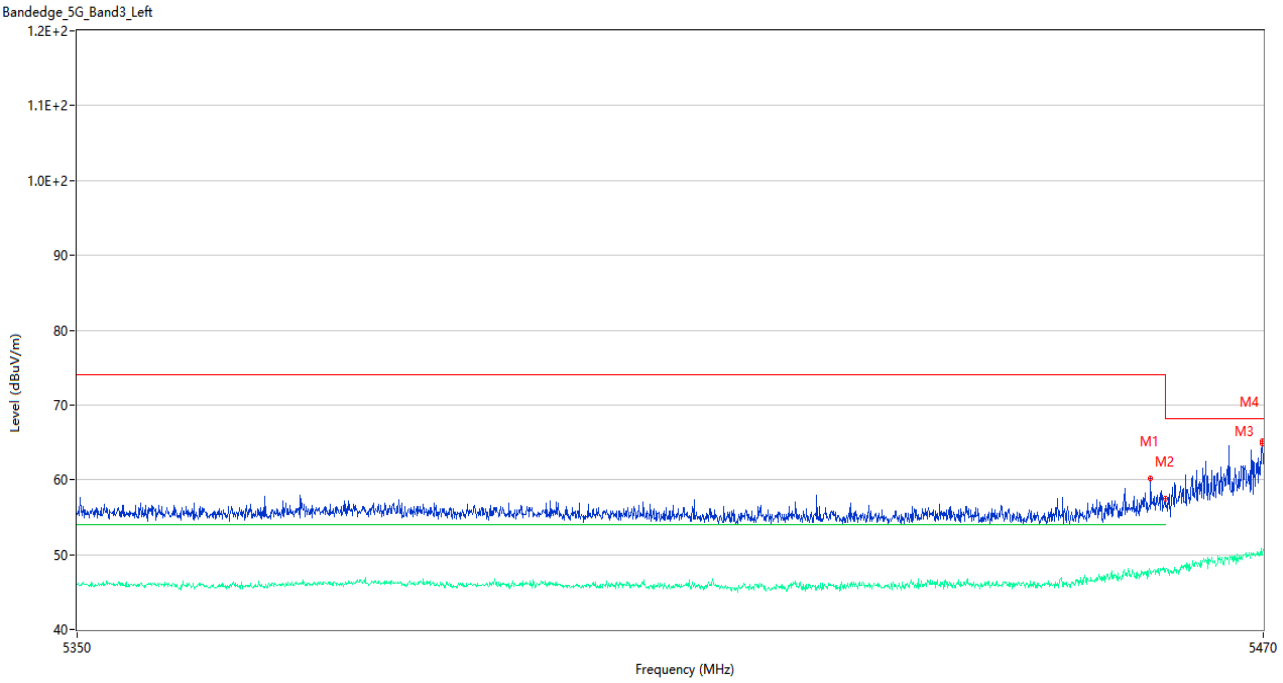
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.780	59.59	3.54	74.0	14.41	Peak	170.00	200	Horizontal	Pass
1**	5458.780	46.18	3.54	54.0	7.82	AV	170.00	200	Horizontal	Pass
2	5459.980	56.65	3.49	74.0	17.35	Peak	176.00	100	Horizontal	Pass
2**	5459.980	45.87	3.49	54.0	8.13	AV	176.00	100	Horizontal	Pass
3	5460.280	64.31	3.32	68.2	3.89	Peak	176.00	100	Horizontal	Pass
3**	5460.280	46.22	3.32	--	--	AV	176.00	100	Horizontal	N/A
4	5469.940	59.76	3.29	68.2	8.44	Peak	286.00	200	Horizontal	Pass
4**	5469.940	49.08	3.29	--	--	AV	286.00	200	Horizontal	N/A

U-NII-2C 11n20 High Channel



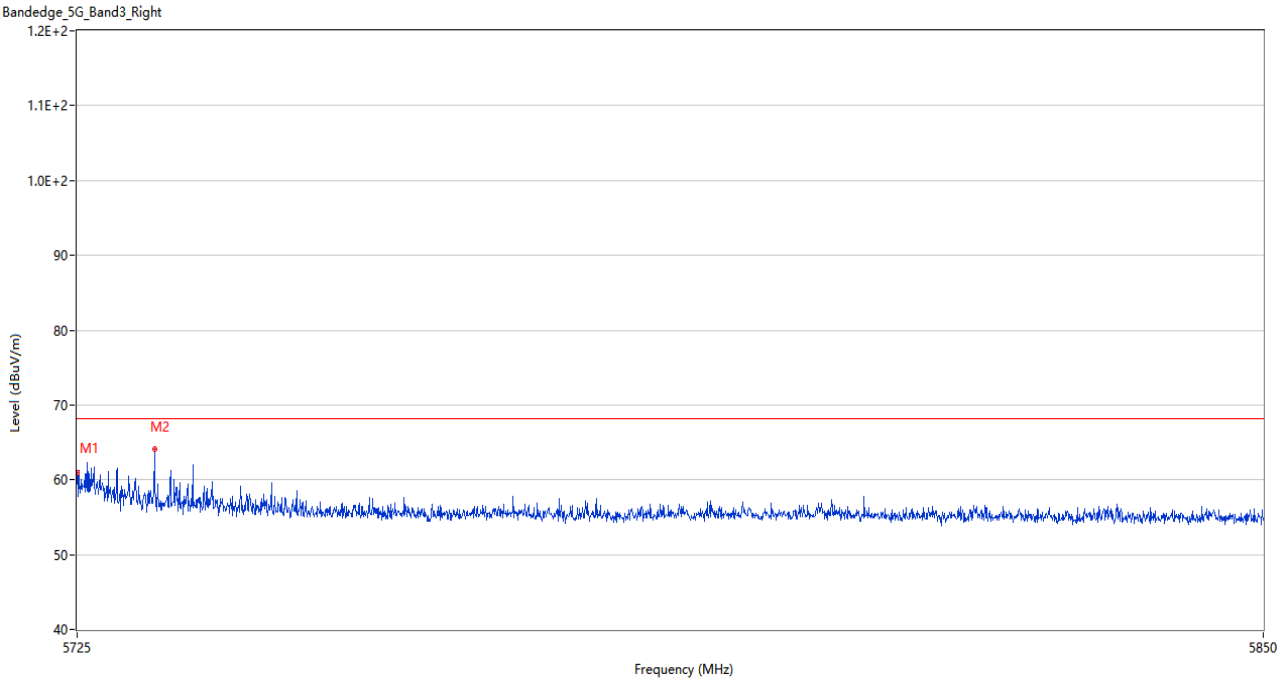
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	64.41	3.51	68.2	3.79	Peak	181.00	200	Horizontal	Pass
2	5726.688	65.19	3.83	68.2	3.01	Peak	197.00	200	Horizontal	Pass

U-NII-2C 11n40 Low Channel



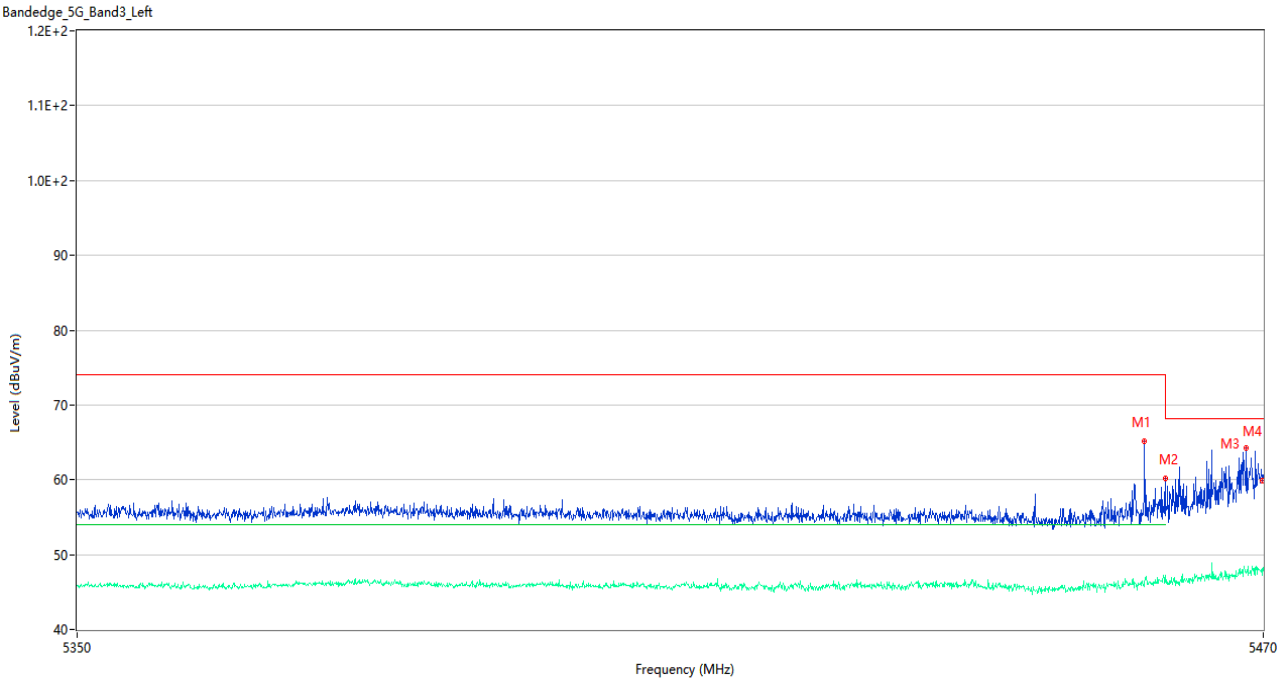
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.480	60.21	3.45	74.0	13.79	Peak	197.00	100	Horizontal	Pass
1**	5458.480	47.57	3.45	54.0	6.43	AV	197.00	100	Horizontal	Pass
2	5459.980	57.43	3.49	74.0	16.57	Peak	175.00	200	Horizontal	Pass
2**	5459.980	47.72	3.49	54.0	6.28	AV	175.00	200	Horizontal	Pass
3	5469.880	64.86	3.28	68.2	3.34	Peak	181.00	200	Horizontal	Pass
3**	5469.880	49.87	3.28	--	--	AV	181.00	200	Horizontal	N/A
4	5469.940	65.11	3.29	68.2	3.09	Peak	170.00	100	Horizontal	Pass
4**	5469.940	50.23	3.29	--	--	AV	170.00	100	Horizontal	N/A

U-NII-2C 11n40 High Channel



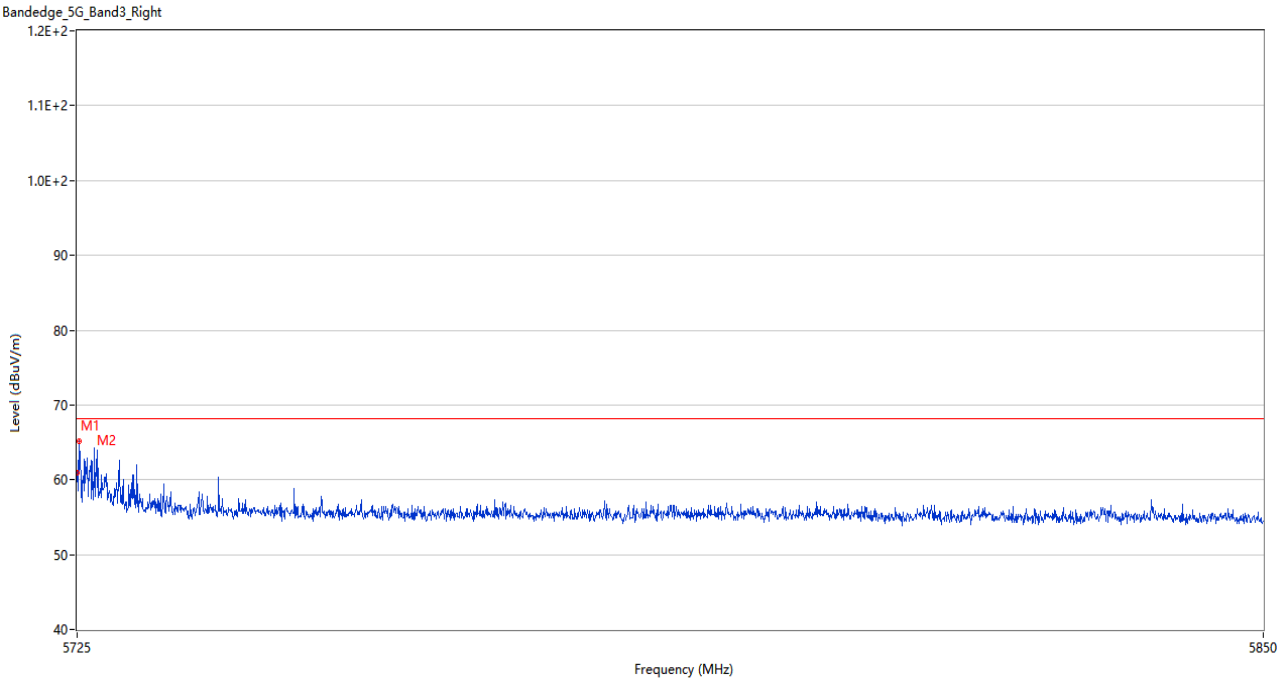
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	60.90	3.51	68.2	7.30	Peak	202.00	100	Horizontal	Pass
2	5733.063	64.08	3.65	68.2	4.12	Peak	184.00	100	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



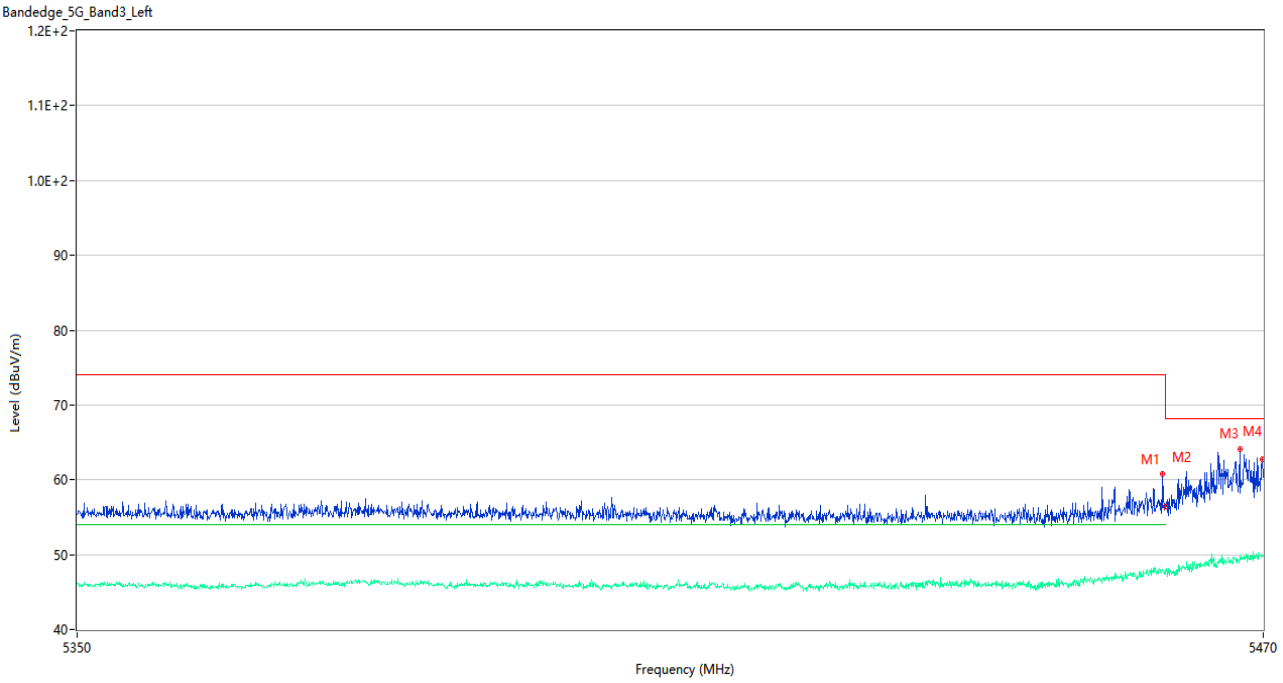
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.880	65.21	3.50	74.0	8.79	Peak	171.00	150	Horizontal	Pass
1**	5457.880	46.20	3.50	54.0	7.80	AV	171.00	150	Horizontal	Pass
2	5459.980	60.15	3.49	74.0	13.85	Peak	174.00	200	Horizontal	Pass
2**	5459.980	46.26	3.49	54.0	7.74	AV	174.00	200	Horizontal	Pass
3	5468.260	64.25	3.32	68.2	3.95	Peak	191.00	200	Horizontal	Pass
3**	5468.260	47.60	3.32	--	--	AV	191.00	200	Horizontal	N/A
4	5469.940	59.88	3.29	68.2	8.32	Peak	171.00	100	Horizontal	Pass
4**	5469.940	47.29	3.29	--	--	AV	171.00	100	Horizontal	N/A

U-NII-2C 11ac20 High Channel



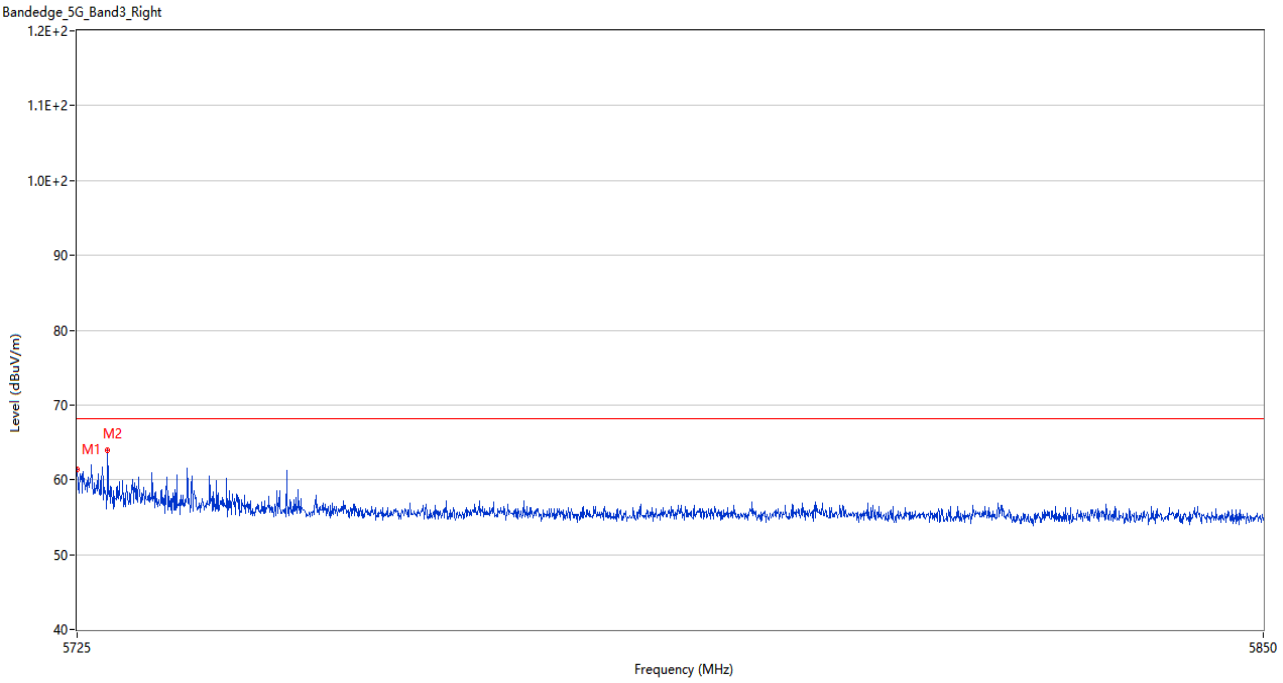
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.02	3.51	68.2	7.18	Peak	174.00	200	Horizontal	Pass
2	5725.250	65.15	3.24	68.2	3.05	Peak	211.00	150	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



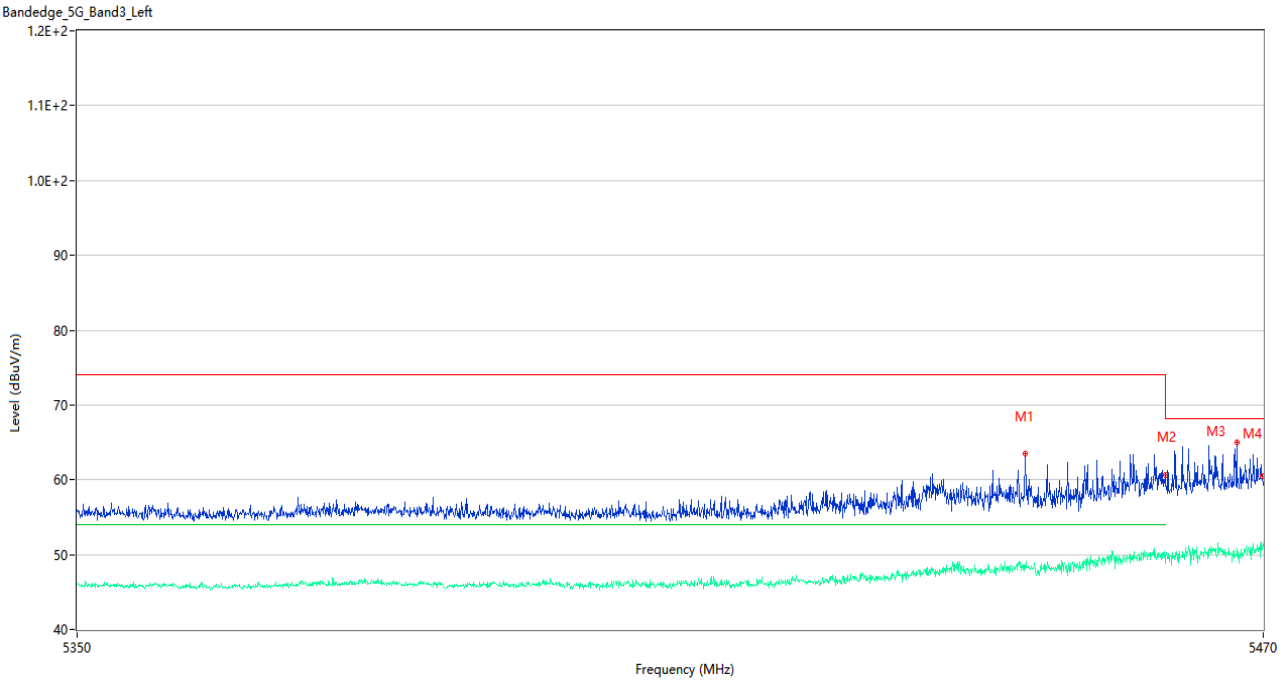
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.740	60.81	3.58	74.0	13.19	Peak	178.00	150	Horizontal	Pass
1**	5459.740	47.97	3.58	54.0	6.03	AV	178.00	150	Horizontal	Pass
2	5459.980	56.43	3.49	74.0	17.57	Peak	178.00	150	Horizontal	Pass
2**	5459.980	47.95	3.49	54.0	6.05	AV	178.00	150	Horizontal	Pass
3	5467.600	64.06	3.18	68.2	4.14	Peak	171.00	200	Horizontal	Pass
3**	5467.600	49.45	3.18	--	--	AV	171.00	200	Horizontal	N/A
4	5469.940	62.69	3.29	68.2	5.51	Peak	175.00	150	Horizontal	Pass
4**	5469.940	49.87	3.29	--	--	AV	175.00	150	Horizontal	N/A

U-NII-2C 11ac40 High Channel



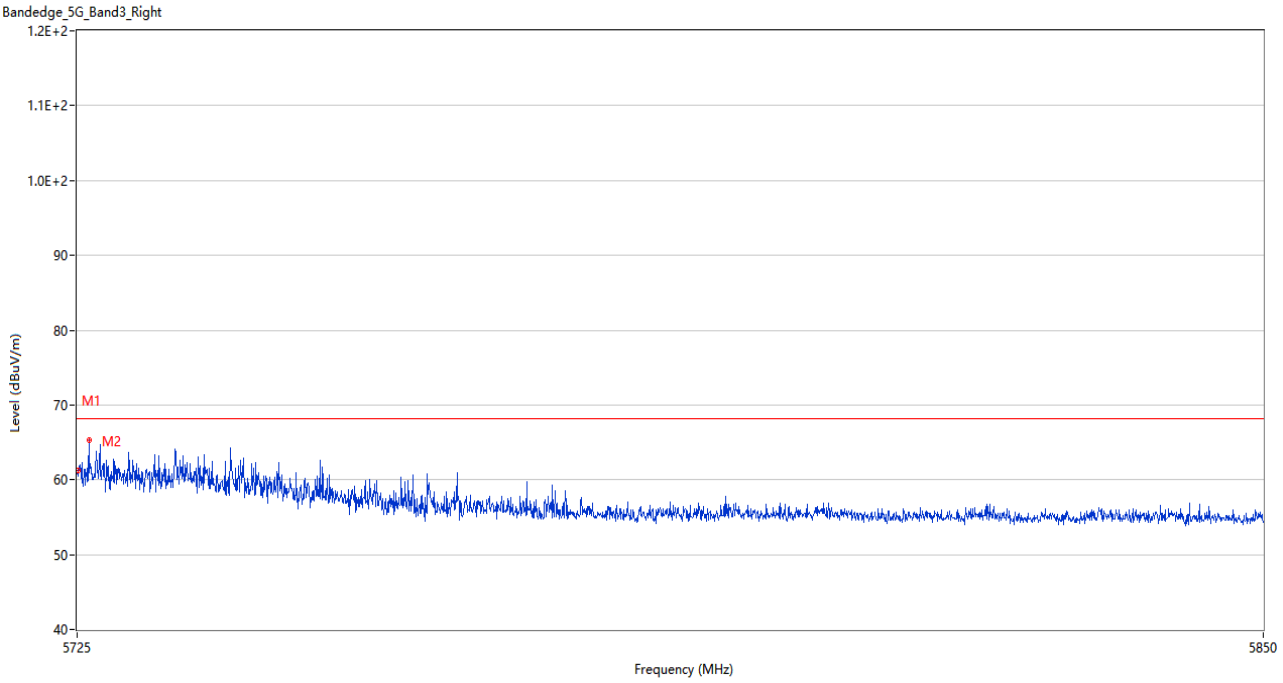
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.32	3.51	68.2	6.88	Peak	208.00	100	Horizontal	Pass
2	5728.187	63.94	3.47	68.2	4.26	Peak	208.00	150	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



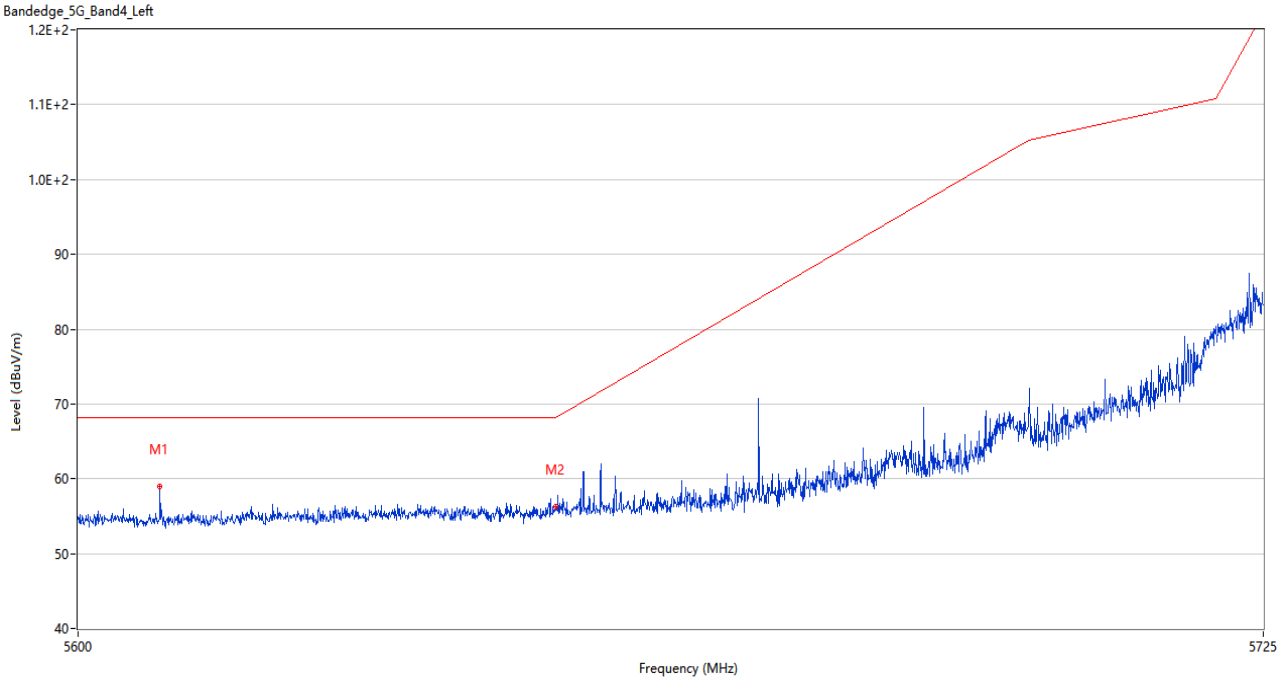
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5445.700	63.52	3.47	74.0	10.48	Peak	180.00	200	Horizontal	Pass
1**	5445.700	48.18	3.47	54.0	5.82	AV	180.00	200	Horizontal	Pass
2	5459.980	60.64	3.49	74.0	13.36	Peak	172.00	150	Horizontal	Pass
2**	5459.980	48.94	3.49	54.0	5.06	AV	172.00	150	Horizontal	Pass
3	5467.300	64.94	3.04	68.2	3.26	Peak	172.00	150	Horizontal	Pass
3**	5467.300	49.76	3.04	--	--	AV	172.00	150	Horizontal	N/A
4	5469.940	60.56	3.29	68.2	7.64	Peak	160.00	100	Horizontal	Pass
4**	5469.940	50.64	3.29	--	--	AV	160.00	100	Horizontal	N/A

U-NII-2C 11ac80 High Channel



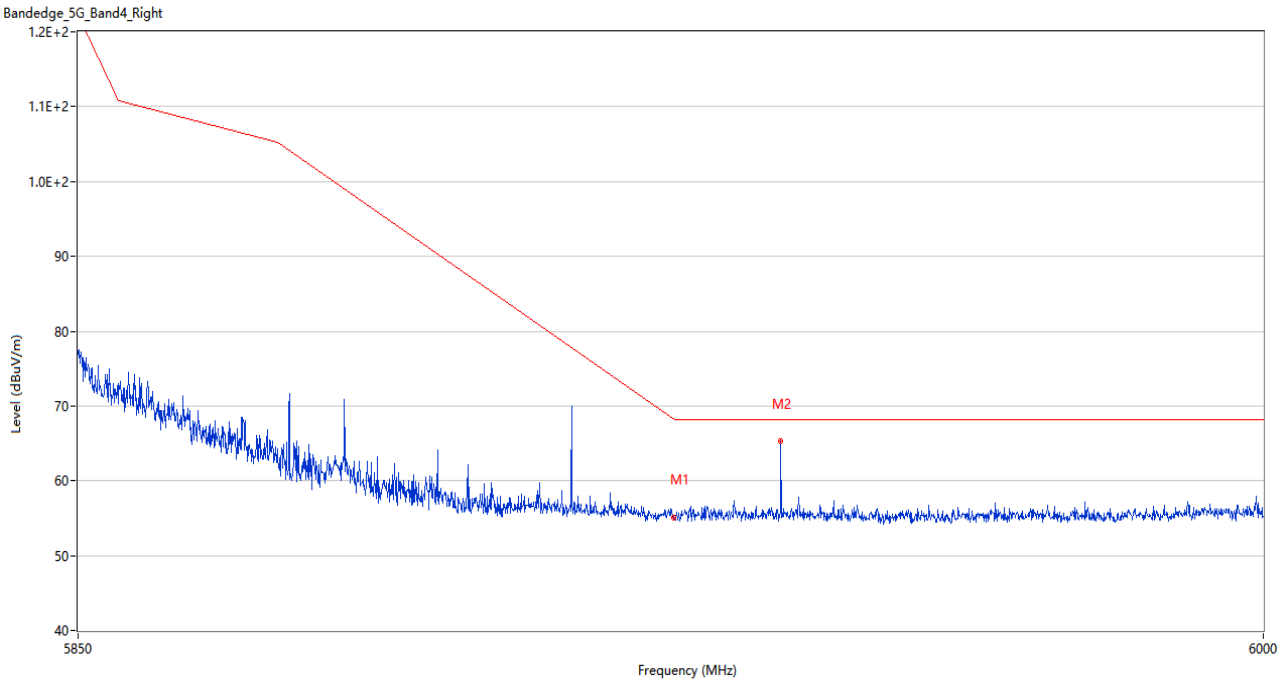
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	61.26	3.44	68.2	6.94	Peak	184.00	100	Horizontal	Pass
2	5726.250	65.14	3.66	68.2	3.06	Peak	177.00	150	Horizontal	Pass

U-NII-3 11a Low Channel



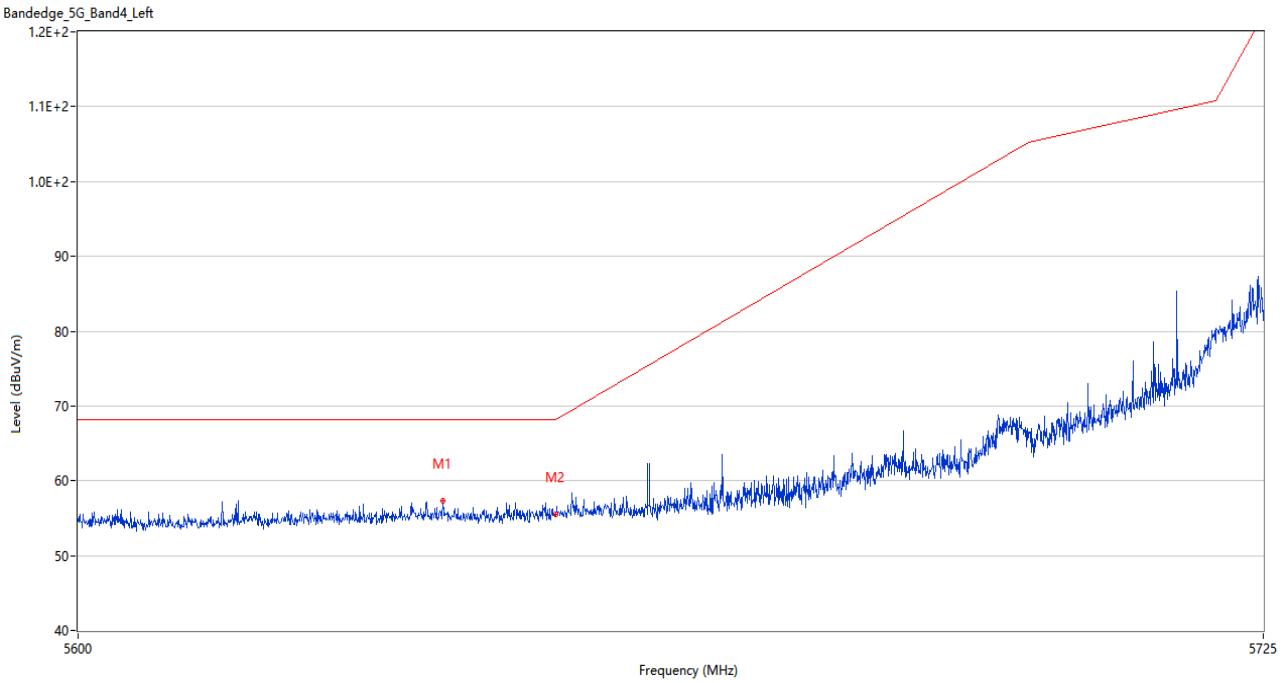
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5608.563	58.95	3.45	68.2	9.25	Peak	360.00	100	Horizontal	Pass
2	5650.000	56.26	3.72	68.2	11.94	Peak	188.00	100	Horizontal	Pass

U-NII-3 11a High Channel



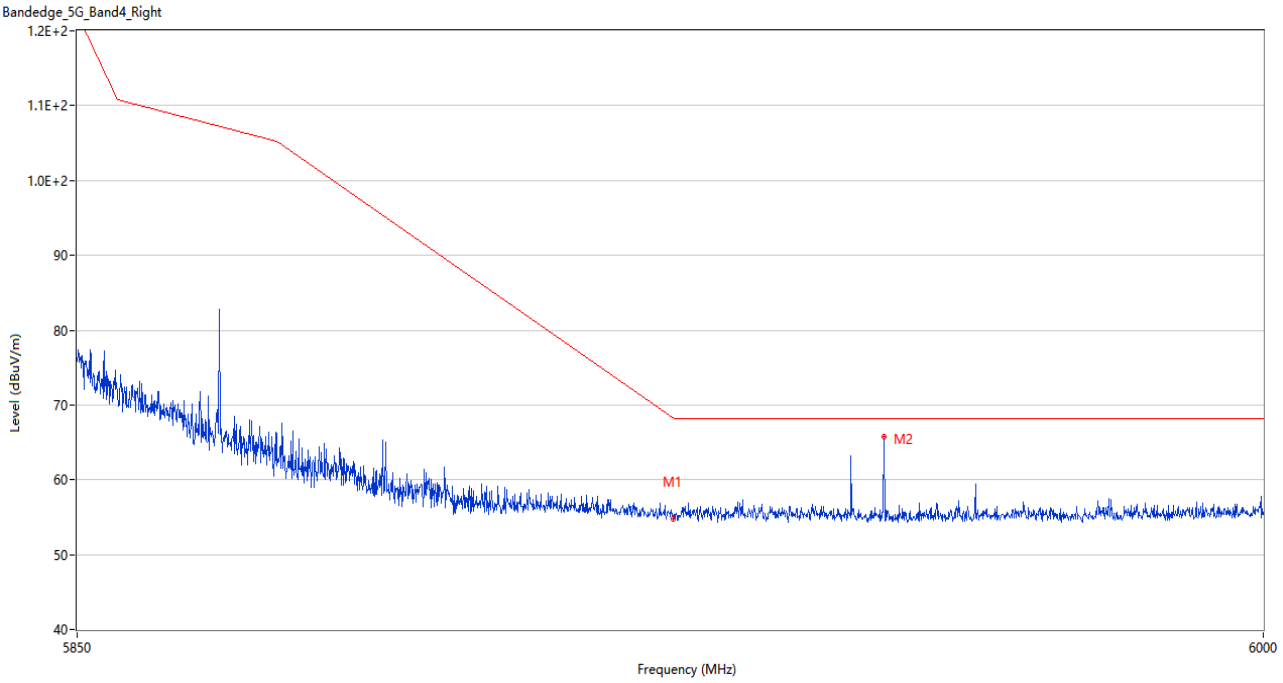
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.13	3.42	68.3	13.17	Peak	205.00	100	Horizontal	Pass
2	5938.500	65.16	3.56	68.2	3.04	Peak	259.00	100	Horizontal	Pass

U-NII-3 11n20 Low Channel



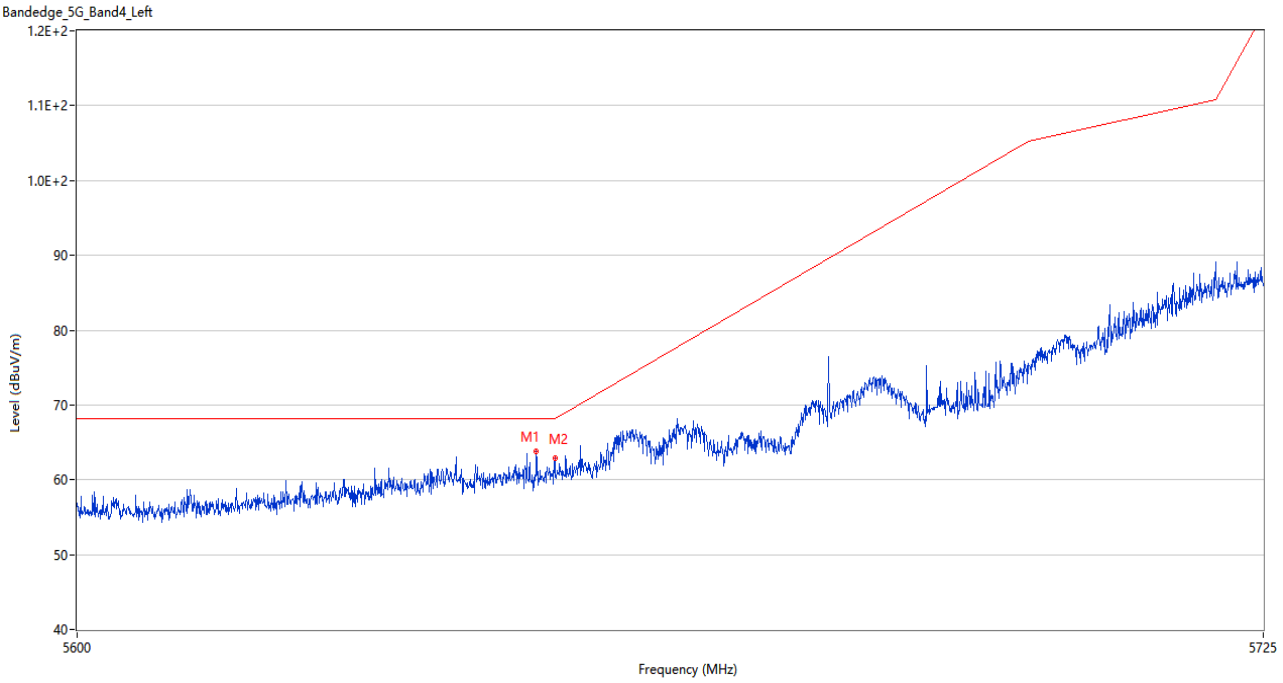
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5638.188	57.33	3.41	68.2	10.87	Peak	122.00	100	Horizontal	Pass
2	5650.000	55.54	3.72	68.2	12.66	Peak	163.00	200	Horizontal	Pass

U-NII-3 11n20 High Channel



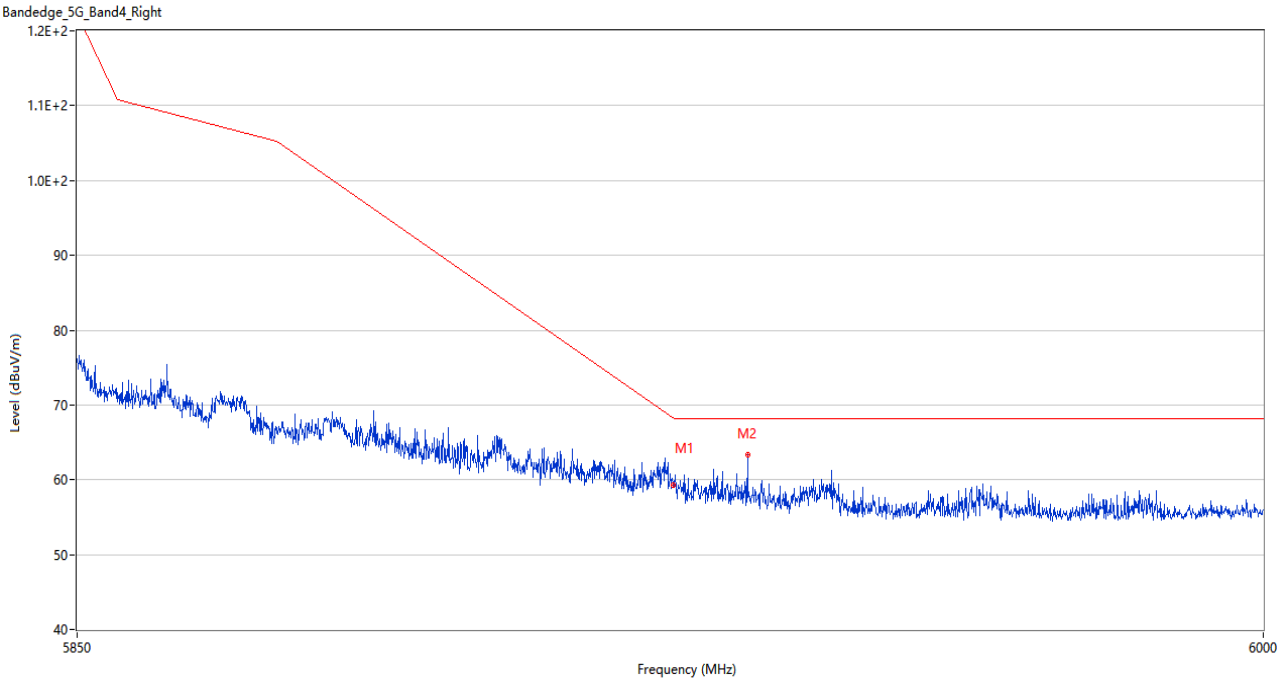
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.71	3.42	68.3	13.59	Peak	230.00	200	Horizontal	Pass
2	5951.625	65.14	3.17	68.2	3.06	Peak	271.00	100	Horizontal	Pass

U-NII-3 11n40 Low Channel



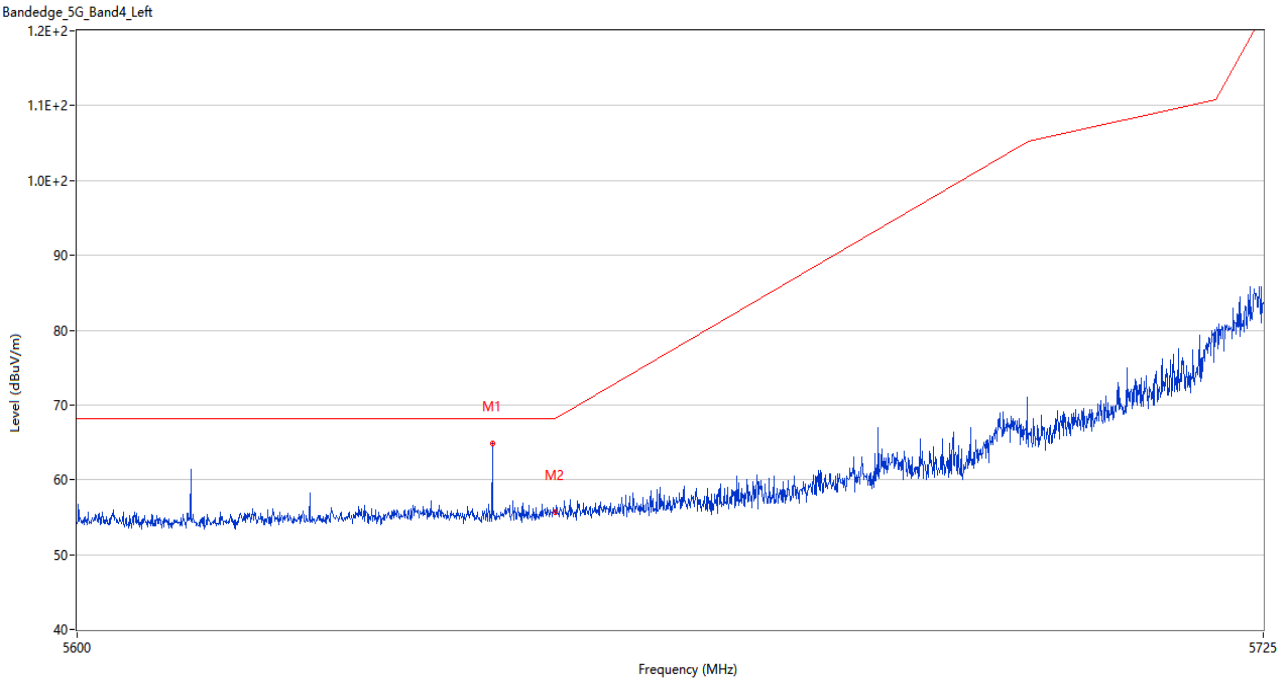
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.062	63.74	3.34	68.2	4.46	Peak	179.00	150	Horizontal	Pass
2	5650.000	62.83	3.72	68.2	5.37	Peak	184.00	100	Horizontal	Pass

U-NII-3 11n40 High Channel



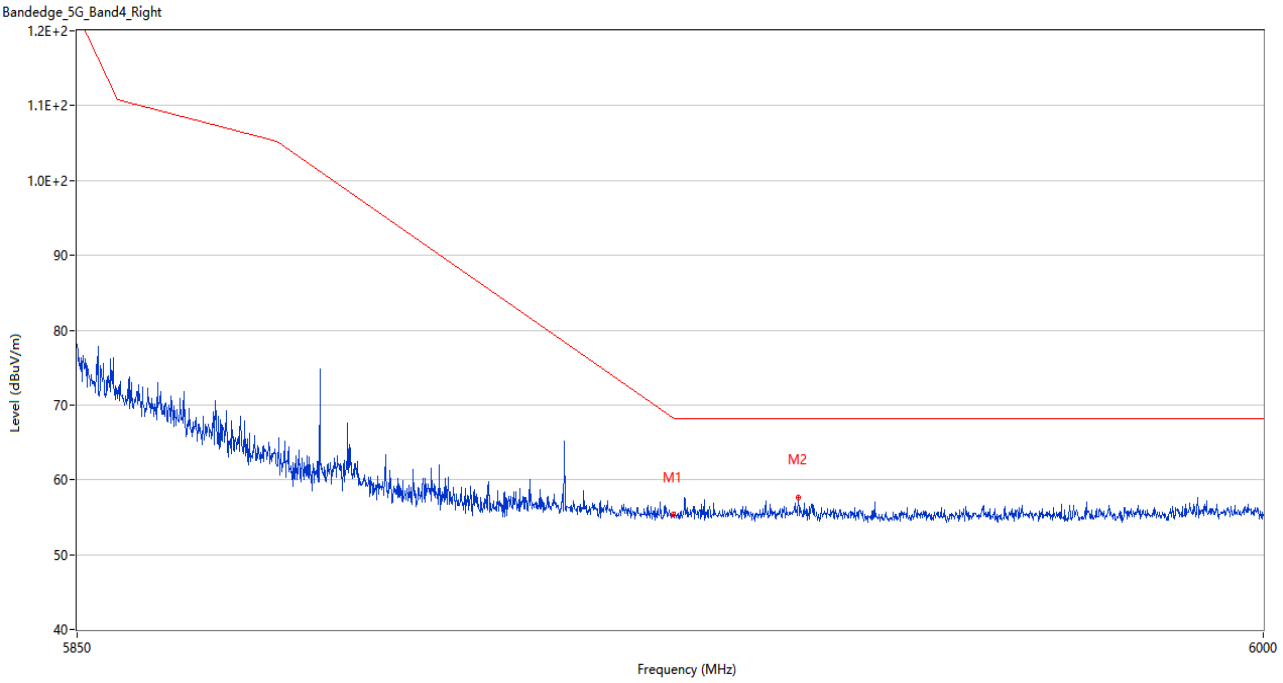
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	59.30	3.42	68.3	9.00	Peak	168.00	100	Horizontal	Pass
2	5934.300	63.41	3.50	68.2	4.79	Peak	173.00	150	Horizontal	Pass

U-NII-3 11ac20 Low Channel



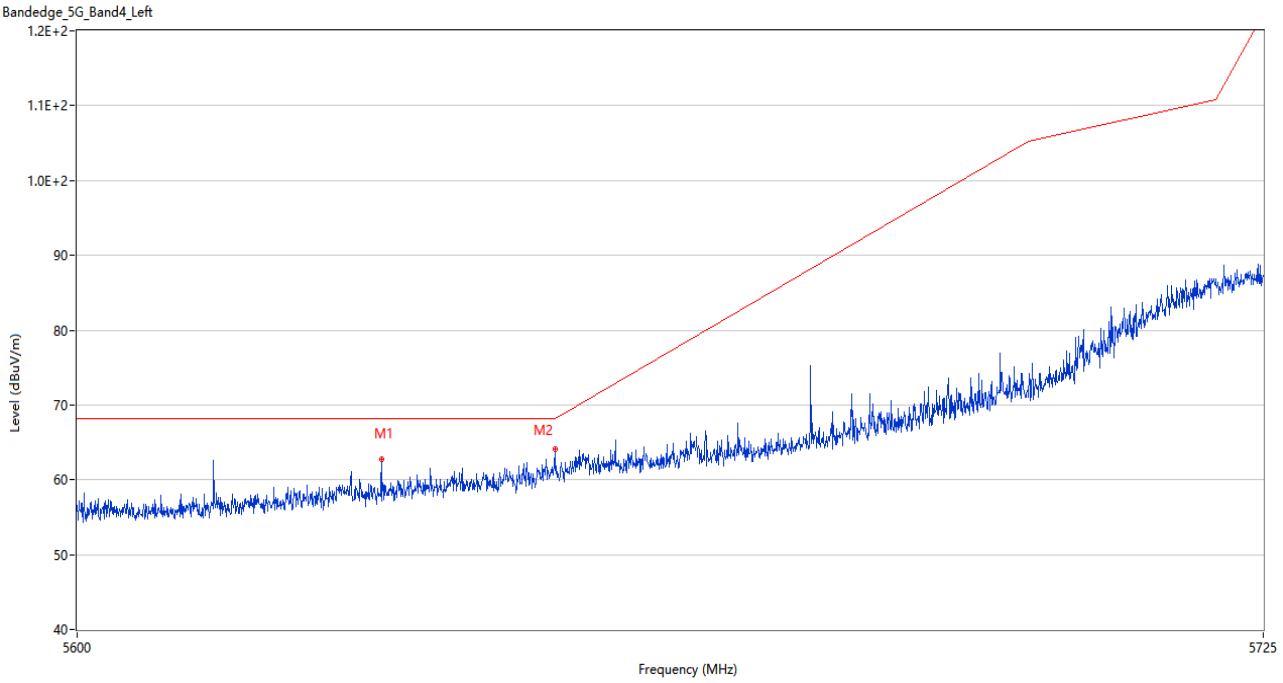
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5643.438	64.86	3.20	68.2	3.34	Peak	360.00	100	Horizontal	Pass
2	5650.000	55.60	3.72	68.2	12.60	Peak	227.00	200	Horizontal	Pass

U-NII-3 11ac20 High Channel



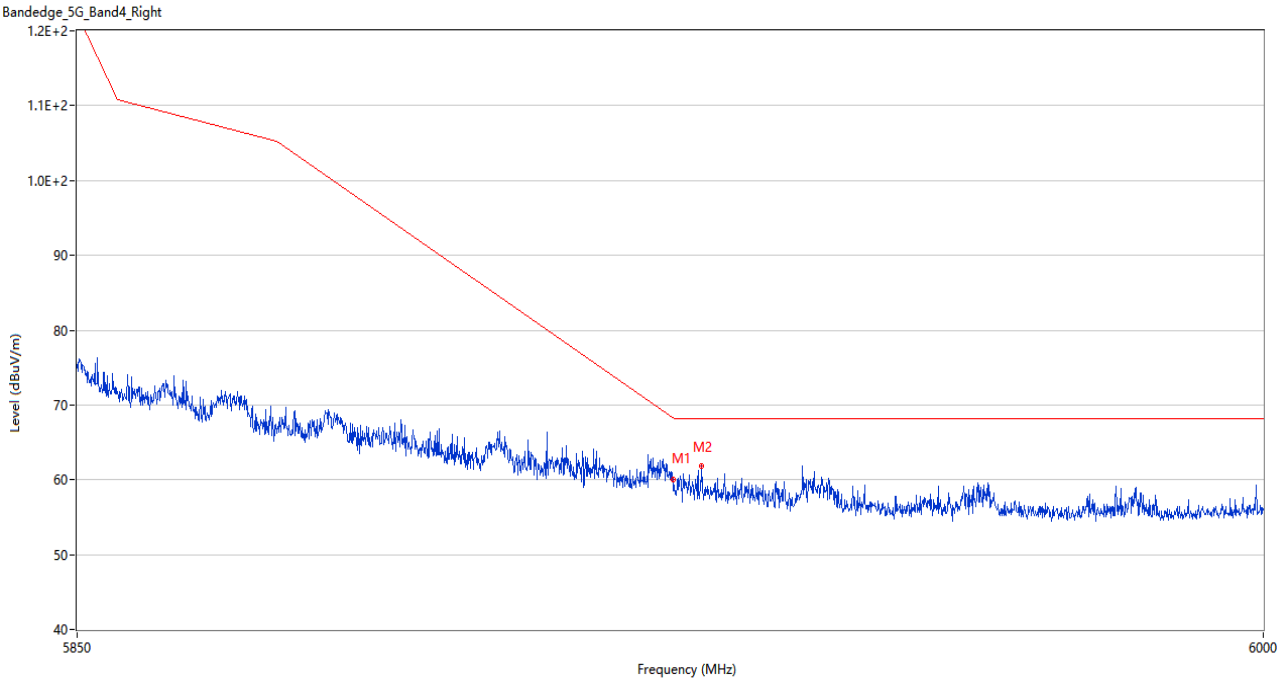
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.30	3.42	68.3	13.00	Peak	193.00	200	Horizontal	Pass
2	5940.750	57.69	3.59	68.2	10.51	Peak	291.00	200	Horizontal	Pass

U-NII-3 11ac40 Low Channel



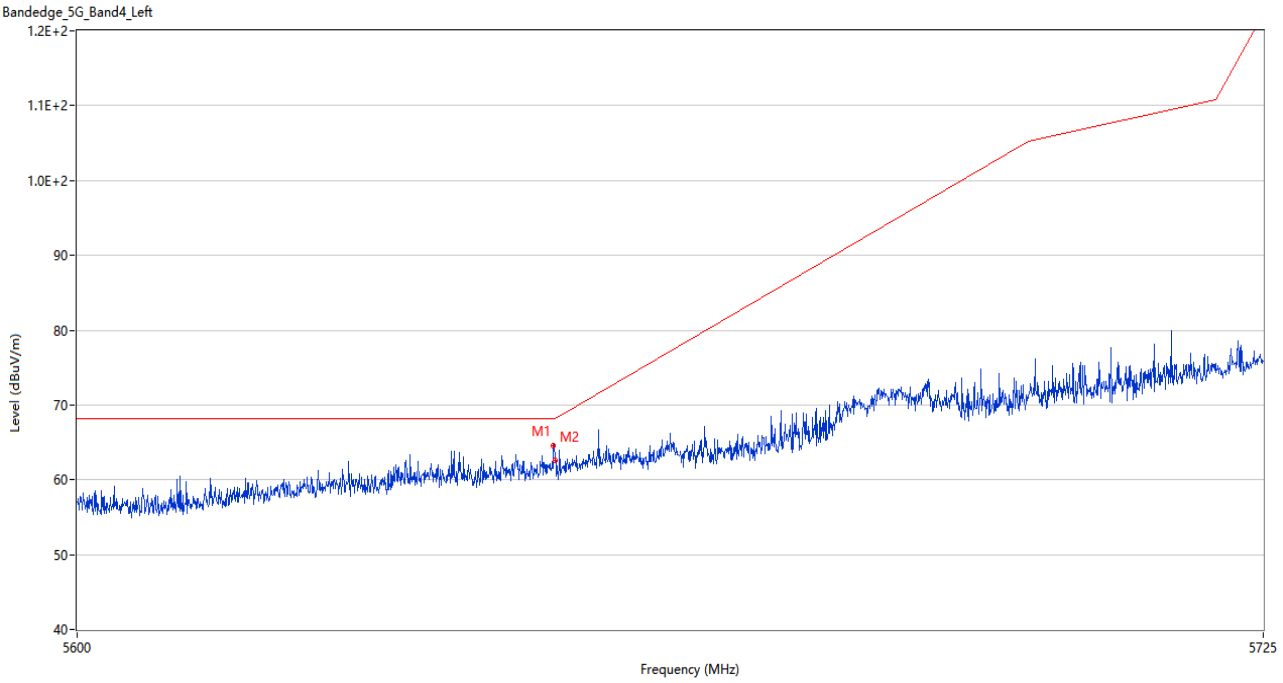
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5631.813	62.80	3.25	68.2	5.40	Peak	2.00	150	Horizontal	Pass
2	5650.000	64.07	3.72	68.2	4.13	Peak	183.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel



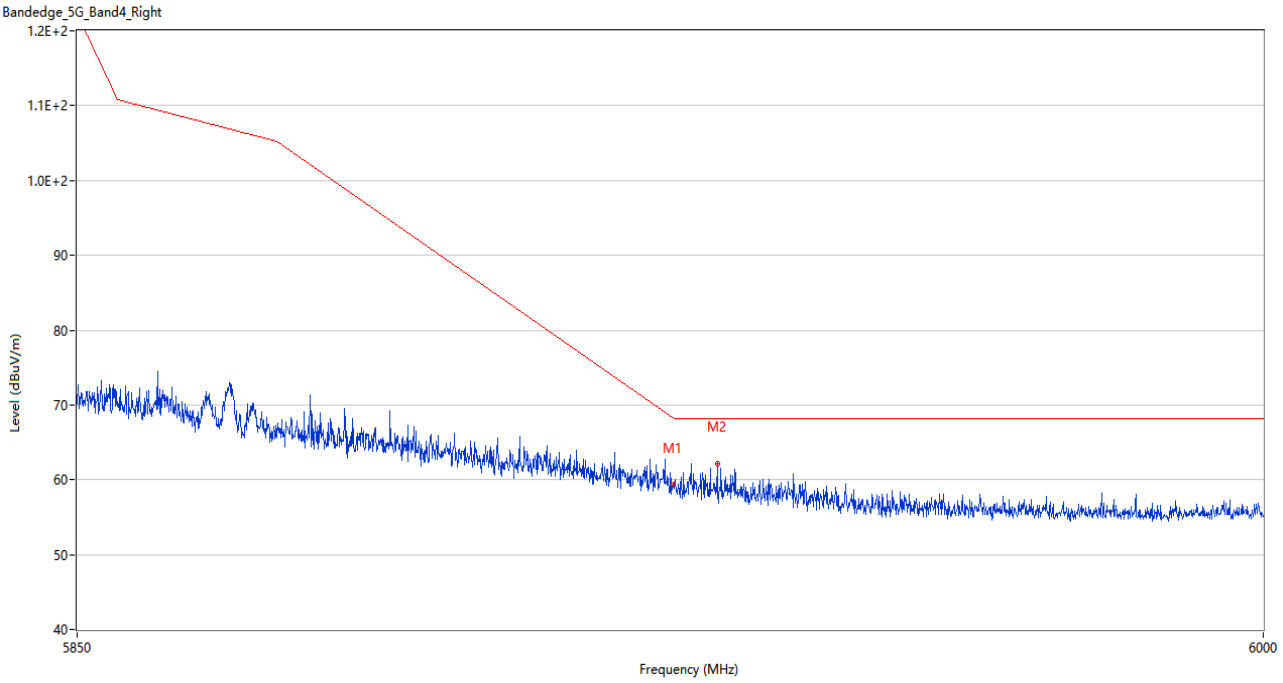
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	60.01	3.42	68.3	8.29	Peak	180.00	100	Horizontal	Pass
2	5928.525	61.85	3.46	68.2	6.35	Peak	173.00	100	Horizontal	Pass

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	5649.875	64.60	3.62	68.2	3.60	Peak	203.00	150	Horizontal	Pass
2	5650.000	62.62	3.72	68.2	5.58	Peak	206.00	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	5924.925	59.31	3.42	68.3	8.99	Peak	172.00	200	Horizontal	Pass
2	5930.475	62.11	3.49	68.2	6.09	Peak	172.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2430581-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2430581-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2430581-AI.PDF”.

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--END OF REPORT--