

TEST REPORT

Applicant: REOLINK INNOVATION LIMITED
Address: FLAT/RM 705 7/F FA YUEN COMMERCIAL BUILDING 75-77 FA YUEN STREET MONG KOK KL HONG KONG
Equipment Type: WiFi module
Model Name: WL1NM1001
Brand Name: Reolink
FCC ID: 2AYHE-2402A
Test Standard: 47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date: Oct. 14, 2024
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ISSUED BY:

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Revision History		
Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Nov. 04, 2024</u>	<u>Initial Issue</u>

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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	<input checked="" type="checkbox"/> Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	<input type="checkbox"/> 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	REOLINK INNOVATION LIMITED
Address	FLAT/RM 705 7/F FA YUEN COMMERCIAL BUILDING 75-77 FA YUEN STREET MONG KOK KL HONG KONG

2.2 Manufacturer Information

Manufacturer	REOLINK INNOVATION LIMITED
Address	FLAT/RM 705 7/F FA YUEN COMMERCIAL BUILDING 75-77 FA YUEN STREET MONG KOK KL HONG KONG

2.3 General Description for Equipment under Test (EUT)

EUT Name	WiFi module
Model Name Under Test	WL1NM1001
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac and 802.11ax
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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	<input checked="" type="checkbox"/> Mobile <input type="checkbox"/> Portable <input type="checkbox"/> Fix Location
Modulation technology	OFDM, OFDMA
Modulation Type	1024QAM, 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 802.11ax up to 143.4 Mbps
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz 802.11ac: 20 MHz 802.11ax: 20 MHz
Maximum Output Power	U-NII-1: 22.23 mW U-NII-2A: 17.38 mW U-NII-2C: 18.84 mW U-NII-3: 15.49 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	Dipole Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 3.75 dBi U-NII-2A: 5250 MHz to 5350 MHz: 4.50 dBi U-NII-2C: 5470 MHz to 5725 MHz: 3.89 dBi U-NII-3: 5725 MHz to 5850 MHz: 4.29 dBi
About the Product	The equipment is WiFi module, intended for used with information technology equipment.

802.11ax RU configuration table							
Mode	Full RU (SU)	RU_26	RU_52	RU_106	RU_242	RU_484	RU_996
802.11ax20	√	--	--	--	--	--	--

2.5 Channel List

20 MHz	
Channel Number	Frequency (MHz)
36	5180
40	5200
44	5220
48	5240
52	5260
56	5280
60	5300
64	5320
100	5500
104	5520
108	5540
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

Note: This report equipment will not transmit in the 5600-5650 MHz frequency band when used in Canada. This restriction is to protect weather radars operating in this frequency band.

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)/ax(HE20)

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

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
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
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
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
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
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11ax(20 MHz)	4		N/A	N/A	N/A	165/157/149
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
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
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
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
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
	11ac(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11ax(20 MHz)	4		48/36	64/52	140/100	165/149

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 ^{Note3}
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	ANNEX A.2	Pass ^{Note3}
4	6 dB bandwidth	15.407(e)	ANNEX A.3	Pass ^{Note3}
5	Power Spectral Density	15.407(a)	ANNEX A.4	Pass ^{Note3}
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.

Note ³: Compared with the EUT of test report BL-SZ2471080-603, the EUT of this report shows different things as below:

1. Updated the antenna and antenna gain.

Other hardware circuit and software are the same as EUT referred to in test report BL-SZ2471080-603. Therefore, in addition to the above differences, just Conducted Emission & Radiated Spurious Emission and Band Edge(Restricted-band) were retested in this report, others test data and EUT information are derived from the report BL-SZ2471080-603 published by Shenzhen BALUN Technology Co., Ltd. on Aug. 15, 2024.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	50% to 63%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+24.3°C to +26.3°C
Working Voltage of the EUT	NV (Normal Voltage)	3.3 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2024.08.01	2025.07.31
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2024.05.22	2025.05.21
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2024.05.16	2027.05.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2024.07.28	2027.07.27
Amplifier	COM-MV	LSCX_LNA1-12G-01	7210214	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2024.08.01	2025.07.31
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2024.08.01	2025.07.31
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2026.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2024.07.13	2027.07.12
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2024.08.01	2025.07.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2022.02.19	2025.02.18

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

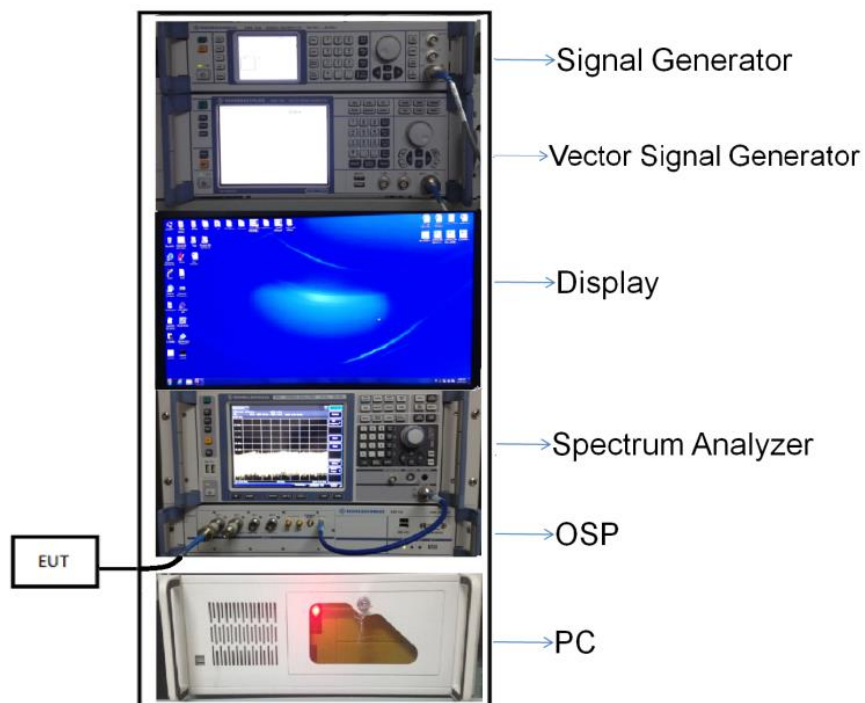
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

$$\text{Conducted value (dBm)} = \text{Measurement value (dBm)} + \text{cable loss (dB)}$$

For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

$$\text{Conducted value (dBm)} = 10 \text{ dBm} + 0.5 \text{ dB} = 10.5 \text{ dBm}$$



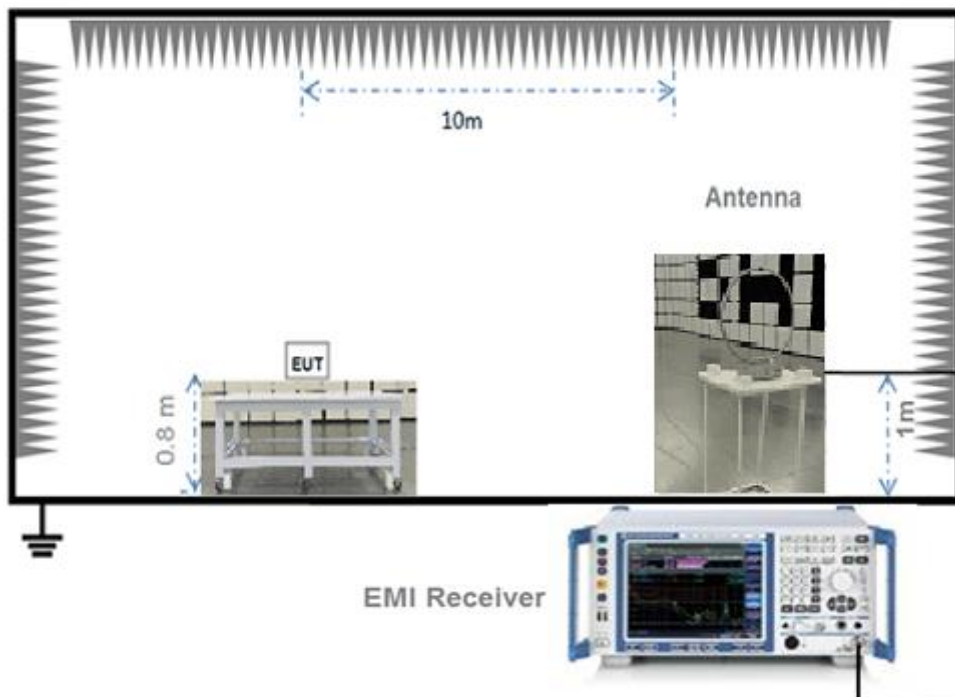
(Diagram 1)

4.5.2 For AC Power Supply Port Test



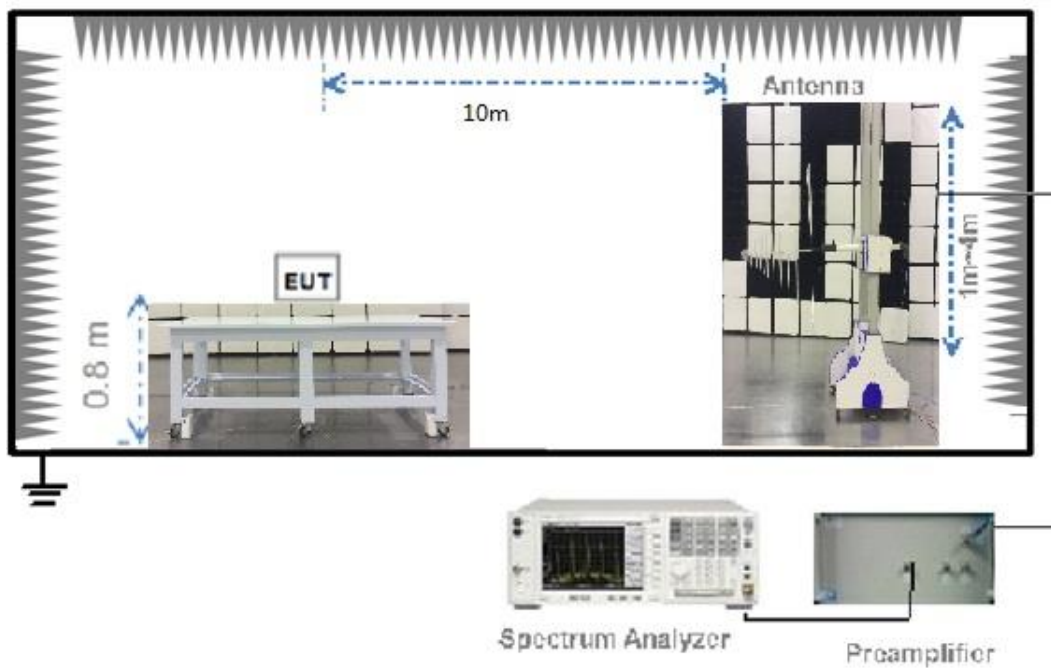
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



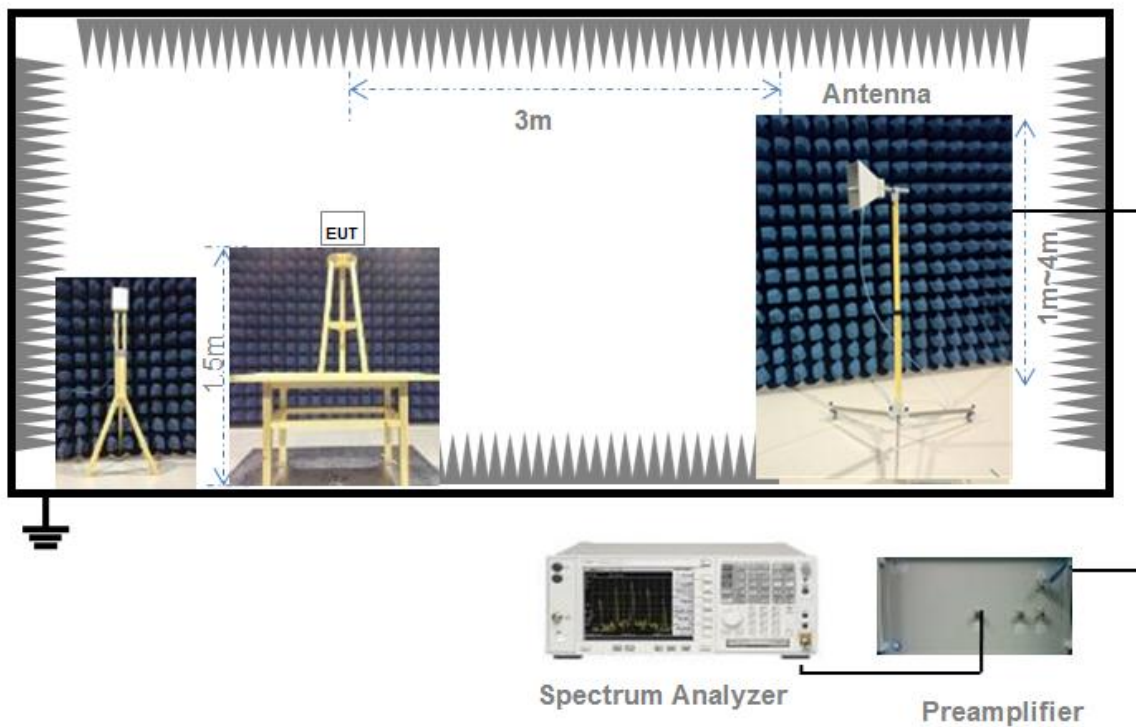
(Diagram 3)

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 \geq OBW if possible; otherwise, set RBW to the largest available value.

Set VBW \geq 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 $T \leq 16.7$ 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 $\geq 3 \times$ 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 $\geq 3 \times$ 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 \geq 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 50 μ H/50 Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dB μ V)	
	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 ($\mu\text{V/m}$)	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

Note¹: The Limit for radiated test was performed according to FCC Part 15C

Note²: The tighter limit applies at the band edge.

Un-restricted band emissions	
Out Operating Band (MHz)	Limit
5150 - 5250	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5250 - 5350	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5470 - 5725	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5725 - 5850	<p>All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.</p>

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength.

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

- a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- b) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).
- c) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).
- d) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

$$E = \text{EIRP} - 20\log D + 104.8$$

where:

E = electric field strength in dB μ V/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 $\geq 3 \times$ 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 $\geq 3 \times$ RBW.
- e) Detector = RMS, if $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. 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 $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz

VBW \geq 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	1.40	1.71	81.39%	0.89
11n (HT20)/11ac (VHT20)	1.31	1.64	80.22%	0.96
11ax (HE20)	1.01	1.34	75.37%	1.23

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.30	21.38	250	Pass
11a	CH44	13.47	22.23	250	Pass
11a	CH48	12.93	19.63	250	Pass
11n (HT20)	CH36	13.21	20.94	250	Pass
11n (HT20)	CH44	13.33	21.53	250	Pass
11n (HT20)	CH48	13.19	20.84	250	Pass
11ac (VHT20)	CH36	13.20	20.89	250	Pass
11ac (VHT20)	CH44	13.36	21.68	250	Pass
11ac (VHT20)	CH48	13.23	21.04	250	Pass
11ax (HE20)	CH36	13.10	20.42	250	Pass
11ax (HE20)	CH44	13.22	20.99	250	Pass
11ax (HE20)	CH48	13.02	20.04	250	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH52	12.36	17.22	250	208	Pass
11a	CH60	12.13	16.33	249	208	Pass
11a	CH64	11.35	13.65	250	208	Pass
11n (HT20)	CH52	12.26	16.83	250	221	Pass
11n (HT20)	CH60	11.50	14.13	250	221	Pass
11n (HT20)	CH64	11.48	14.06	250	221	Pass
11ac (VHT20)	CH52	12.30	16.98	250	221	Pass
11ac (VHT20)	CH60	11.46	14.00	250	221	Pass
11ac (VHT20)	CH64	11.46	14.00	250	221	Pass
11ax (HE20)	CH52	12.40	17.38	250	221	Pass
11ax (HE20)	CH60	11.71	14.83	250	221	Pass
11ax (HE20)	CH64	11.68	14.72	250	221	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	11.42	13.87	249	208	Pass
11a	CH116	12.72	18.71	250	208	Pass
11a	CH140	12.49	17.74	250	208	Pass
11n (HT20)	CH100	11.24	13.30	250	221	Pass
11n (HT20)	CH116	12.49	17.74	250	221	Pass
11n (HT20)	CH140	12.35	17.18	250	221	Pass
11ac (VHT20)	CH100	11.21	13.21	250	221	Pass
11ac (VHT20)	CH116	12.48	17.70	250	221	Pass
11ac (VHT20)	CH140	12.24	16.75	250	221	Pass
11ax (HE20)	CH100	11.48	14.06	250	221	Pass
11ax (HE20)	CH116	12.75	18.84	250	221	Pass
11ax (HE20)	CH140	12.50	17.78	250	221	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC/IC Limit (mW)	Verdict
11a	CH149	11.82	15.21	1000	Pass
11a	CH157	11.90	15.49	1000	Pass
11a	CH165	11.31	13.52	1000	Pass
11n (HT20)	CH149	11.62	14.52	1000	Pass
11n (HT20)	CH157	11.71	14.83	1000	Pass
11n (HT20)	CH165	11.11	12.91	1000	Pass
11ac (VHT20)	CH149	11.67	14.69	1000	Pass
11ac (VHT20)	CH157	11.71	14.83	1000	Pass
11ac (VHT20)	CH165	11.16	13.06	1000	Pass
11ax (HE20)	CH149	11.87	15.38	1000	Pass
11ax (HE20)	CH157	11.82	15.21	1000	Pass
11ax (HE20)	CH165	11.21	13.21	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2490411-603 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	19.94	16.54
11a	CH44	19.82	16.53
11a	CH48	19.86	16.53
11n (HT20)	CH36	20.13	17.55
11n (HT20)	CH44	20.24	17.55
11n (HT20)	CH48	20.15	17.55
11ac (VHT20)	CH36	20.18	17.56
11ac (VHT20)	CH44	20.19	17.55
11ac (VHT20)	CH48	20.13	17.55
11ax (HE20)	CH36	20.91	18.80
11ax (HE20)	CH44	20.88	18.80
11ax (HE20)	CH48	20.91	18.81

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	19.87	16.53
11a	CH60	19.80	16.54
11a	CH64	19.91	16.56
11n (HT20)	CH52	20.15	17.56
11n (HT20)	CH60	20.15	17.56
11n (HT20)	CH64	20.17	17.56
11ac (VHT20)	CH52	20.14	17.56
11ac (VHT20)	CH60	20.12	17.56
11ac (VHT20)	CH64	20.13	17.56
11ax (HE20)	CH52	20.83	18.81
11ax (HE20)	CH60	20.87	18.82
11ax (HE20)	CH64	20.89	18.82

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	19.81	16.55
11a	CH116	19.84	16.54
11a	CH140	19.91	16.55
11n (HT20)	CH100	20.15	17.56
11n (HT20)	CH116	20.15	17.55
11n (HT20)	CH140	20.16	17.56
11ac (VHT20)	CH100	20.18	17.56
11ac (VHT20)	CH116	20.18	17.55
11ac (VHT20)	CH140	20.13	17.55
11ax (HE20)	CH100	20.93	18.83
11ax (HE20)	CH116	20.88	18.22
11ax (HE20)	CH140	20.86	18.82

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	19.90	16.54
11a	CH157	19.83	16.54
11a	CH165	19.91	16.55
11n (HT20)	CH149	20.15	17.56
11n (HT20)	CH157	20.13	17.55
11n (HT20)	CH165	20.14	17.56
11ac (VHT20)	CH149	20.17	17.56
11ac (VHT20)	CH157	20.16	17.55
11ac (VHT20)	CH165	20.13	17.57
11ax (HE20)	CH149	20.89	18.81
11ax (HE20)	CH157	20.94	18.81
11ax (HE20)	CH165	20.90	18.80

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2490411-603 Data Part 2.pdf".

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.40	500.00	Pass
11a	CH157	15.40	500.00	Pass
11a	CH165	15.40	500.00	Pass
11n (HT20)	CH149	15.40	500.00	Pass
11n (HT20)	CH157	15.30	500.00	Pass
11n (HT20)	CH165	15.40	500.00	Pass
11ac (VHT20)	CH149	15.30	500.00	Pass
11ac (VHT20)	CH157	15.30	500.00	Pass
11ac (VHT20)	CH165	15.40	500.00	Pass
11ax (HE20)	CH149	18.60	500.00	Pass
11ax (HE20)	CH157	18.60	500.00	Pass
11ax (HE20)	CH165	18.70	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ2490411-603 Data Part 3.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	2.75	11.00	Pass
11a	CH44	3.09	11.00	Pass
11a	CH48	2.55	11.00	Pass
11n (HT20)	CH36	2.37	11.00	Pass
11n (HT20)	CH44	2.64	11.00	Pass
11n (HT20)	CH48	2.48	11.00	Pass
11ac (VHT20)	CH36	2.48	11.00	Pass
11ac (VHT20)	CH44	2.86	11.00	Pass
11ac (VHT20)	CH48	2.51	11.00	Pass
11ax (HE20)	CH36	1.90	11.00	Pass
11ax (HE20)	CH44	2.33	11.00	Pass
11ax (HE20)	CH48	2.06	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC/IC Limit (dBm/MHz)	Verdict
11a	CH52	2.06	11.00	Pass
11a	CH60	1.55	11.00	Pass
11a	CH64	0.15	11.00	Pass
11n (HT20)	CH52	1.55	11.00	Pass
11n (HT20)	CH60	0.55	11.00	Pass
11n (HT20)	CH64	0.22	11.00	Pass
11ac (VHT20)	CH52	1.78	11.00	Pass
11ac (VHT20)	CH60	0.49	11.00	Pass
11ac (VHT20)	CH64	0.43	11.00	Pass
11ax (HE20)	CH52	1.60	11.00	Pass
11ax (HE20)	CH60	0.37	11.00	Pass
11ax (HE20)	CH64	0.13	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC/IC Limit (dBm/MHz)	Verdict
11a	CH100	0.74	11.00	Pass
11a	CH116	2.04	11.00	Pass
11a	CH140	1.72	11.00	Pass
11n (HT20)	CH100	0.42	11.00	Pass
11n (HT20)	CH116	1.45	11.00	Pass
11n (HT20)	CH140	1.41	11.00	Pass
11ac (VHT20)	CH100	0.44	11.00	Pass
11ac (VHT20)	CH116	1.60	11.00	Pass
11ac (VHT20)	CH140	1.33	11.00	Pass
11ax (HE20)	CH100	0.28	11.00	Pass
11ax (HE20)	CH116	1.54	11.00	Pass
11ax (HE20)	CH140	1.26	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC/IC Limit (dBm/500kHz)	Verdict
11a	CH149	-1.59	30.00	Pass
11a	CH157	-1.45	30.00	Pass
11a	CH165	-2.23	30.00	Pass
11n (HT20)	CH149	-1.94	30.00	Pass
11n (HT20)	CH157	-1.96	30.00	Pass
11n (HT20)	CH165	-2.59	30.00	Pass
11ac (VHT20)	CH149	-1.98	30.00	Pass
11ac (VHT20)	CH157	-1.95	30.00	Pass
11ac (VHT20)	CH165	-2.61	30.00	Pass
11ax (HE20)	CH149	-2.32	30.00	Pass
11ax (HE20)	CH157	-1.76	30.00	Pass
11ax (HE20)	CH165	-2.92	30.00	Pass

A.5 Conducted Emissions

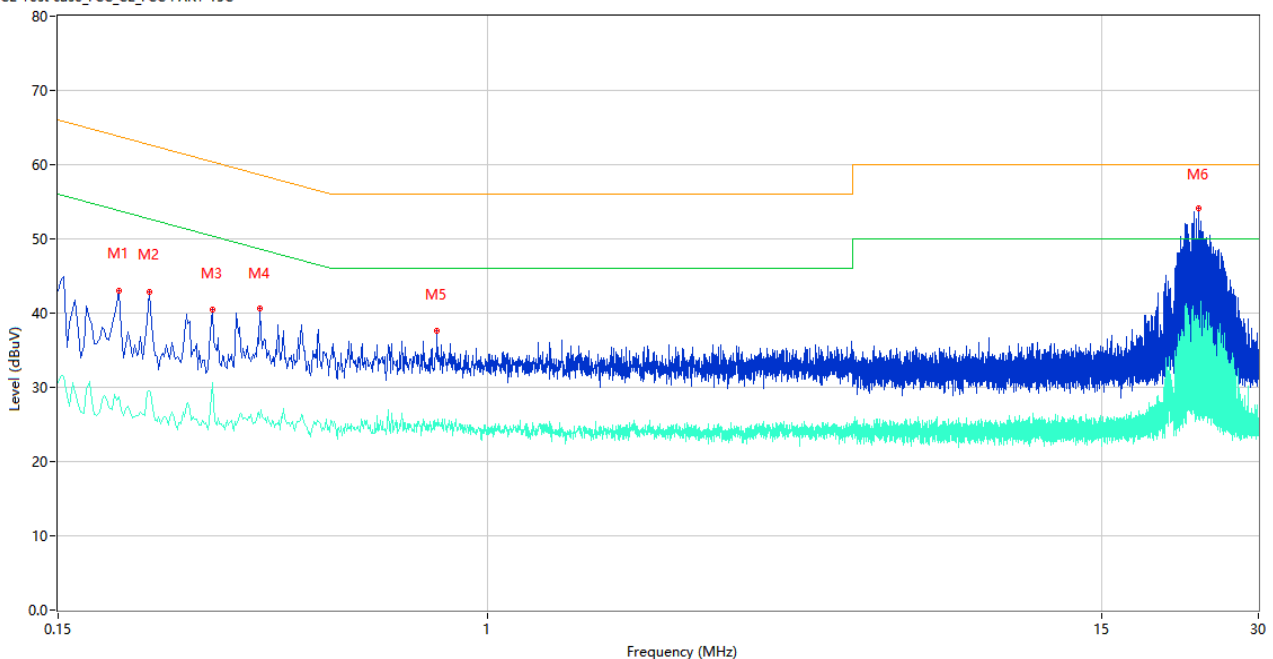
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note²: 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

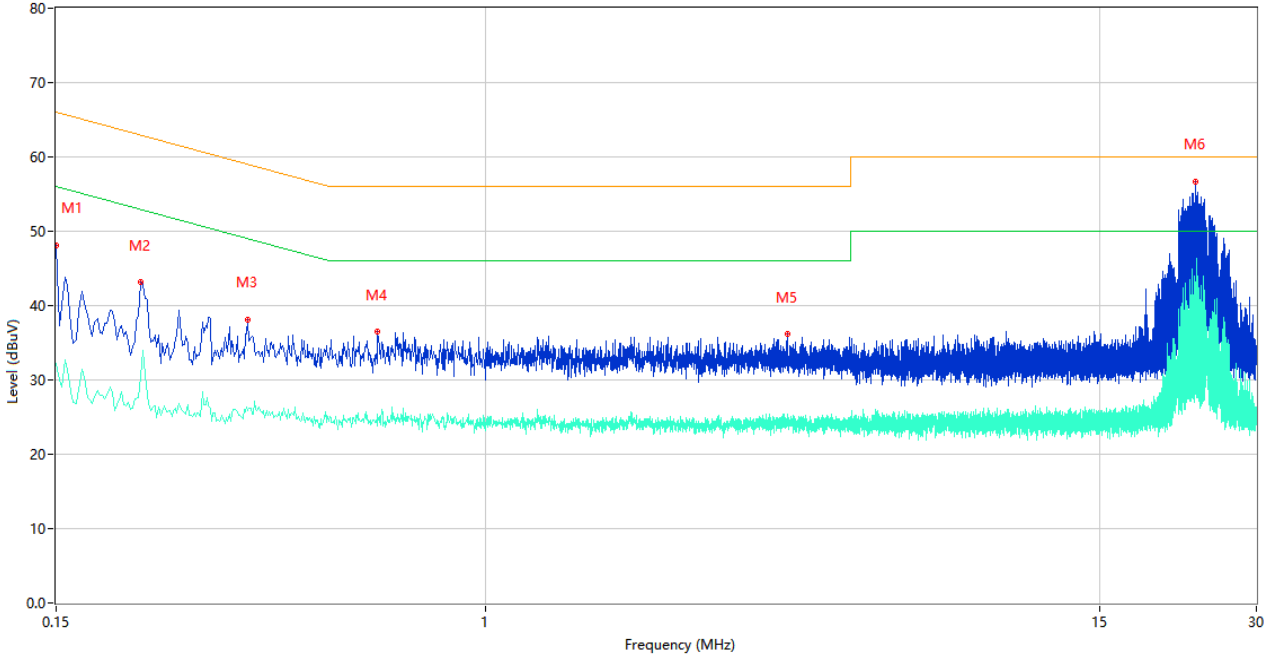
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.196	43.03	9.77	63.78	20.75	Peak	L	Pass
1**	0.196	28.70	9.77	53.78	25.08	AV	L	Pass
2	0.224	42.91	9.77	62.67	19.76	Peak	L	Pass
2**	0.224	29.56	9.77	52.67	23.11	AV	L	Pass
3	0.296	40.44	9.76	60.35	19.91	Peak	L	Pass
3**	0.296	30.63	9.76	50.35	19.72	AV	L	Pass
4	0.366	40.67	10.69	58.59	17.92	Peak	L	Pass
4**	0.366	25.83	10.69	48.59	22.76	AV	L	Pass
5	0.800	37.58	10.53	56.00	18.42	Peak	L	Pass
5**	0.800	24.99	10.53	46.00	21.01	AV	L	Pass
6	23.010	54.19	10.87	60.00	5.81	Peak	L	Pass
6**	23.010	38.97	10.87	50.00	11.03	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	48.07	9.78	66.00	17.93	Peak	N	Pass
1**	0.150	32.24	9.78	56.00	23.76	AV	N	Pass
2	0.218	43.17	9.77	62.89	19.72	Peak	N	Pass
2**	0.218	30.55	9.77	52.89	22.34	AV	N	Pass
3	0.350	38.14	10.76	58.96	20.82	Peak	N	Pass
3**	0.350	25.90	10.76	48.96	23.06	AV	N	Pass
4	0.620	36.47	10.18	56.00	19.53	Peak	N	Pass
4**	0.620	25.35	10.18	46.00	20.65	AV	N	Pass
5	3.788	36.15	10.35	56.00	19.85	Peak	N	Pass
5**	3.788	25.35	10.35	46.00	20.65	AV	N	Pass
6	22.966	56.67	10.74	60.00	3.33	Peak	N	Pass
6**	22.966	43.20	10.74	50.00	6.80	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.

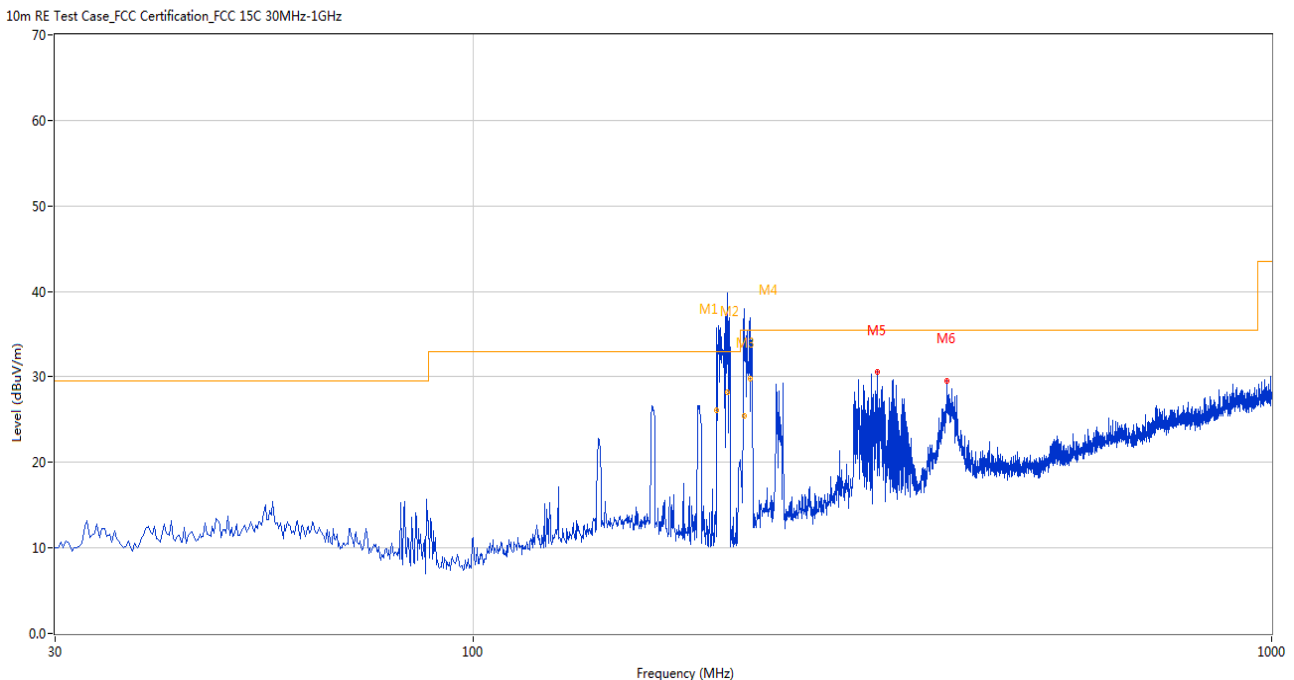
Note 2: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

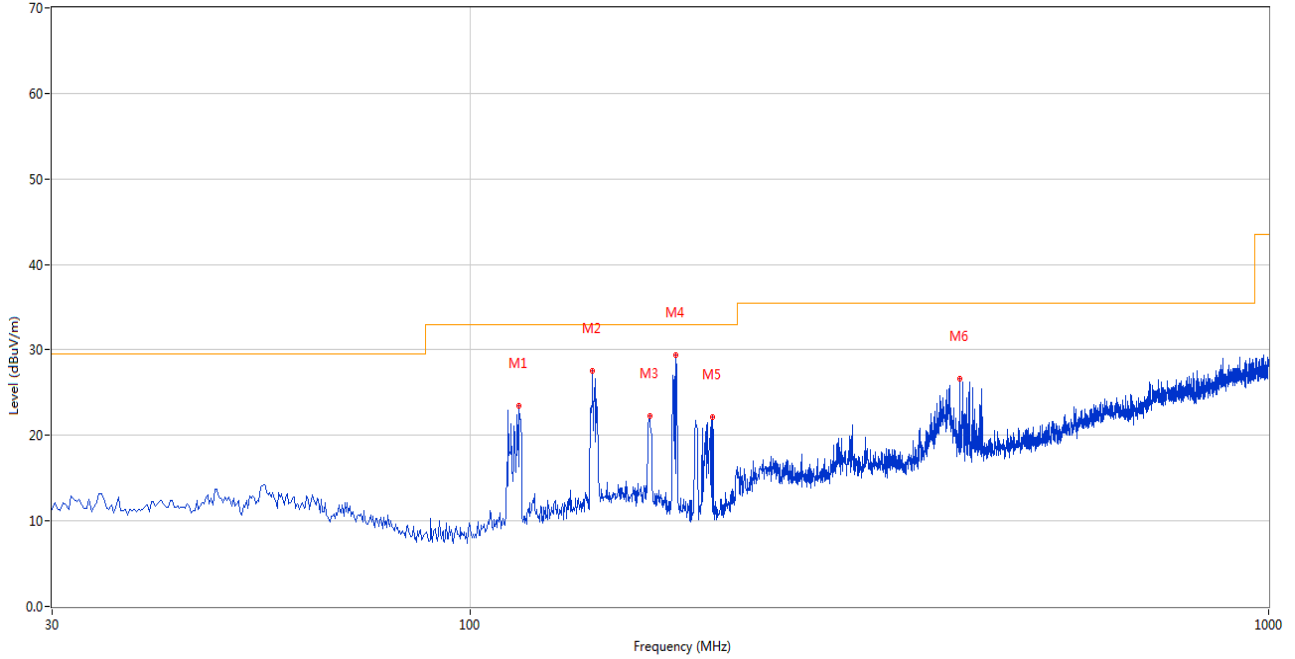
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	202.132	35.78	-28.91	33.0	-2.78	Peak	0.00	200	Horizontal	N/A
1*	202.132	26.09	-28.91	33.0	6.91	QP	0.00	200	Horizontal	Pass
2	208.435	39.76	-29.02	33.0	-6.76	Peak	0.00	200	Horizontal	N/A
2*	208.435	28.20	-29.02	33.0	4.80	QP	0.00	200	Horizontal	Pass
3	218.618	37.92	-28.86	35.5	-2.42	Peak	227.00	200	Horizontal	N/A
3*	218.618	25.43	-28.86	35.5	10.07	QP	227.00	200	Horizontal	Pass
4	222.497	36.94	-28.80	35.5	-1.44	Peak	227.00	200	Horizontal	N/A
4*	222.497	29.80	-28.80	35.5	5.70	QP	227.00	200	Horizontal	Pass
5	320.685	30.52	-24.30	35.5	4.98	Peak	351.00	200	Horizontal	Pass
6	392.204	29.59	-22.22	35.5	5.91	Peak	13.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	115.339	23.48	-28.63	33.0	9.52	Peak	283.00	200	Vertical	Pass
2	142.492	27.54	-25.98	33.0	5.46	Peak	199.00	200	Vertical	Pass
3	167.948	22.26	-25.97	33.0	10.74	Peak	335.00	100	Vertical	Pass
4	181.282	29.35	-27.07	33.0	3.65	Peak	301.00	100	Vertical	Pass
5	201.162	22.16	-28.93	33.0	10.84	Peak	116.00	200	Vertical	Pass
6	410.872	26.69	-22.11	35.5	8.81	Peak	260.00	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)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.497	38.59	74.0	35.41	Peak	156.00	200	Horizontal	Pass
1**	1508.497	31.74	54.0	22.26	AV	156.00	200	Horizontal	Pass
2	2345.746	47.79	74.0	26.21	Peak	336.00	100	Horizontal	Pass
2**	2345.746	37.44	54.0	16.56	AV	336.00	100	Horizontal	Pass
3	4202.554	46.60	74.0	27.40	Peak	104.00	200	Horizontal	Pass
3**	4202.554	39.22	54.0	14.78	AV	104.00	200	Horizontal	Pass
4	7431.879	56.28	74.0	17.72	Peak	176.00	100	Horizontal	Pass
4**	7431.879	41.29	54.0	12.71	AV	176.00	100	Horizontal	Pass
5	12519.412	54.51	74.0	19.49	Peak	26.00	400	Horizontal	Pass
5**	12519.412	46.13	54.0	7.87	AV	26.00	400	Horizontal	Pass
6	16146.534	53.51	74.0	20.49	Peak	14.00	400	Horizontal	Pass
6**	16146.534	44.65	54.0	9.35	AV	14.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.804	39.09	74.0	34.91	Peak	111.00	400	Vertical	Pass
1**	1567.804	27.37	54.0	26.63	AV	111.00	400	Vertical	Pass
2	2347.503	42.17	74.0	31.83	Peak	112.00	100	Vertical	Pass
2**	2347.503	30.66	54.0	23.34	AV	112.00	100	Vertical	Pass
3	3914.948	47.08	74.0	26.92	Peak	322.00	200	Vertical	Pass
3**	3914.948	33.87	54.0	20.13	AV	322.00	200	Vertical	Pass
4	7676.713	49.20	74.0	24.80	Peak	184.00	400	Vertical	Pass
4**	7676.713	46.66	54.0	7.34	AV	184.00	400	Vertical	Pass
5	12525.772	57.55	74.0	16.45	Peak	70.00	100	Vertical	Pass
5**	12525.772	40.08	54.0	13.92	AV	70.00	100	Vertical	Pass
6	15385.422	50.30	74.0	23.70	Peak	264.00	200	Vertical	Pass
6**	15385.422	45.95	54.0	8.05	AV	264.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.879	40.11	74.0	33.89	Peak	53.00	300	Horizontal	Pass
1**	1514.879	29.84	54.0	24.16	AV	53.00	300	Horizontal	Pass
2	2350.956	42.60	74.0	31.40	Peak	31.00	300	Horizontal	Pass
2**	2350.956	38.35	54.0	15.65	AV	31.00	300	Horizontal	Pass
3	4206.152	44.83	74.0	29.17	Peak	164.00	200	Horizontal	Pass
3**	4206.152	38.13	54.0	15.87	AV	164.00	200	Horizontal	Pass
4	7436.562	56.77	74.0	17.23	Peak	229.00	300	Horizontal	Pass
4**	7436.562	40.09	54.0	13.91	AV	229.00	300	Horizontal	Pass
5	12516.884	53.64	74.0	20.36	Peak	249.00	200	Horizontal	Pass
5**	12516.884	48.03	54.0	5.97	AV	249.00	200	Horizontal	Pass
6	16144.370	57.12	74.0	16.88	Peak	204.00	300	Horizontal	Pass
6**	16144.370	46.44	54.0	7.56	AV	204.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.982	37.51	74.0	36.49	Peak	279.00	100	Vertical	Pass
1**	1572.982	24.12	54.0	29.88	AV	279.00	100	Vertical	Pass
2	2348.425	45.30	74.0	28.70	Peak	46.00	100	Vertical	Pass
2**	2348.425	36.25	54.0	17.75	AV	46.00	100	Vertical	Pass
3	3913.799	43.48	74.0	30.52	Peak	111.00	200	Vertical	Pass
3**	3913.799	36.62	54.0	17.38	AV	111.00	200	Vertical	Pass
4	7678.449	54.18	74.0	19.82	Peak	256.00	100	Vertical	Pass
4**	7678.449	44.57	54.0	9.43	AV	256.00	100	Vertical	Pass
5	12529.822	58.02	74.0	15.98	Peak	76.00	200	Vertical	Pass
5**	12529.822	41.99	54.0	12.01	AV	76.00	200	Vertical	Pass
6	15378.647	54.68	74.0	19.32	Peak	226.00	300	Vertical	Pass
6**	15378.647	46.20	54.0	7.80	AV	226.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.355	42.62	74.0	31.38	Peak	162.00	400	Horizontal	Pass
1**	1514.355	30.50	54.0	23.50	AV	162.00	400	Horizontal	Pass
2	2348.143	44.65	74.0	29.35	Peak	203.00	300	Horizontal	Pass
2**	2348.143	39.94	54.0	14.06	AV	203.00	300	Horizontal	Pass
3	4203.295	47.79	74.0	26.21	Peak	212.00	200	Horizontal	Pass
3**	4203.295	38.73	54.0	15.27	AV	212.00	200	Horizontal	Pass
4	7434.399	54.55	74.0	19.45	Peak	258.00	400	Horizontal	Pass
4**	7434.399	42.05	54.0	11.95	AV	258.00	400	Horizontal	Pass
5	12518.637	56.46	74.0	17.54	Peak	256.00	100	Horizontal	Pass
5**	12518.637	46.83	54.0	7.17	AV	256.00	100	Horizontal	Pass
6	16151.142	54.73	74.0	19.27	Peak	233.00	100	Horizontal	Pass
6**	16151.142	46.72	54.0	7.28	AV	233.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.003	38.60	74.0	35.40	Peak	28.00	400	Vertical	Pass
1**	1570.003	25.91	54.0	28.09	AV	28.00	400	Vertical	Pass
2	2347.334	44.26	74.0	29.74	Peak	119.00	100	Vertical	Pass
2**	2347.334	32.03	54.0	21.97	AV	119.00	100	Vertical	Pass
3	3914.749	44.06	74.0	29.94	Peak	238.00	200	Vertical	Pass
3**	3914.749	38.45	54.0	15.55	AV	238.00	200	Vertical	Pass
4	7681.772	51.72	74.0	22.28	Peak	295.00	200	Vertical	Pass
4**	7681.772	41.16	54.0	12.84	AV	295.00	200	Vertical	Pass
5	12531.333	54.64	74.0	19.36	Peak	353.00	100	Vertical	Pass
5**	12531.333	42.37	54.0	11.63	AV	353.00	100	Vertical	Pass
6	15385.187	50.42	74.0	23.58	Peak	26.00	200	Vertical	Pass
6**	15385.187	42.58	54.0	11.42	AV	26.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.219	42.19	74.0	31.81	Peak	57.00	100	Horizontal	Pass
1**	1515.219	26.90	54.0	27.10	AV	57.00	100	Horizontal	Pass
2	2346.205	43.00	74.0	31.00	Peak	74.00	400	Horizontal	Pass
2**	2346.205	39.55	54.0	14.45	AV	74.00	400	Horizontal	Pass
3	4206.214	47.67	74.0	26.33	Peak	109.00	200	Horizontal	Pass
3**	4206.214	38.56	54.0	15.44	AV	109.00	200	Horizontal	Pass
4	7435.899	56.54	74.0	17.46	Peak	26.00	200	Horizontal	Pass
4**	7435.899	40.05	54.0	13.95	AV	26.00	200	Horizontal	Pass
5	12516.607	55.66	74.0	18.34	Peak	293.00	100	Horizontal	Pass
5**	12516.607	45.37	54.0	8.63	AV	293.00	100	Horizontal	Pass
6	16149.879	51.83	74.0	22.17	Peak	213.00	400	Horizontal	Pass
6**	16149.879	41.46	54.0	12.54	AV	213.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.210	33.62	74.0	40.38	Peak	344.00	100	Vertical	Pass
1**	1569.210	27.83	54.0	26.17	AV	344.00	100	Vertical	Pass
2	2343.393	42.00	74.0	32.00	Peak	358.00	100	Vertical	Pass
2**	2343.393	33.87	54.0	20.13	AV	358.00	100	Vertical	Pass
3	3919.094	42.51	74.0	31.49	Peak	322.00	200	Vertical	Pass
3**	3919.094	38.38	54.0	15.62	AV	322.00	200	Vertical	Pass
4	7683.350	54.66	74.0	19.34	Peak	154.00	300	Vertical	Pass
4**	7683.350	45.55	54.0	8.45	AV	154.00	300	Vertical	Pass
5	12531.774	53.92	74.0	20.08	Peak	351.00	300	Vertical	Pass
5**	12531.774	44.38	54.0	9.62	AV	351.00	300	Vertical	Pass
6	15381.218	52.83	74.0	21.17	Peak	263.00	100	Vertical	Pass
6**	15381.218	42.10	54.0	11.90	AV	263.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.751	36.90	74.0	37.10	Peak	304.00	400	Horizontal	Pass
1**	1508.751	31.79	54.0	22.21	AV	304.00	400	Horizontal	Pass
2	2351.372	44.32	74.0	29.68	Peak	338.00	100	Horizontal	Pass
2**	2351.372	35.81	54.0	18.19	AV	338.00	100	Horizontal	Pass
3	4204.318	47.56	74.0	26.44	Peak	275.00	200	Horizontal	Pass
3**	4204.318	35.12	54.0	18.88	AV	275.00	200	Horizontal	Pass
4	7434.597	57.29	74.0	16.71	Peak	93.00	300	Horizontal	Pass
4**	7434.597	44.43	54.0	9.57	AV	93.00	300	Horizontal	Pass
5	12516.770	57.28	74.0	16.72	Peak	210.00	400	Horizontal	Pass
5**	12516.770	48.46	54.0	5.54	AV	210.00	400	Horizontal	Pass
6	16144.032	54.47	74.0	19.53	Peak	304.00	100	Horizontal	Pass
6**	16144.032	41.93	54.0	12.07	AV	304.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.603	34.74	74.0	39.26	Peak	1.00	400	Vertical	Pass
1**	1573.603	25.70	54.0	28.30	AV	1.00	400	Vertical	Pass
2	2348.114	42.22	74.0	31.78	Peak	324.00	400	Vertical	Pass
2**	2348.114	32.62	54.0	21.38	AV	324.00	400	Vertical	Pass
3	3916.218	43.28	74.0	30.72	Peak	275.00	200	Vertical	Pass
3**	3916.218	33.61	54.0	20.39	AV	275.00	200	Vertical	Pass
4	7682.274	54.93	74.0	19.07	Peak	296.00	200	Vertical	Pass
4**	7682.274	43.99	54.0	10.01	AV	296.00	200	Vertical	Pass
5	12531.884	56.04	74.0	17.96	Peak	183.00	200	Vertical	Pass
5**	12531.884	45.35	54.0	8.65	AV	183.00	200	Vertical	Pass
6	15380.711	53.02	74.0	20.98	Peak	28.00	300	Vertical	Pass
6**	15380.711	45.29	54.0	8.71	AV	28.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.588	40.90	74.0	33.10	Peak	40.00	300	Horizontal	Pass
1**	1513.588	31.26	54.0	22.74	AV	40.00	300	Horizontal	Pass
2	2352.334	42.98	74.0	31.02	Peak	164.00	100	Horizontal	Pass
2**	2352.334	38.56	54.0	15.44	AV	164.00	100	Horizontal	Pass
3	4206.148	47.34	74.0	26.66	Peak	341.00	200	Horizontal	Pass
3**	4206.148	35.05	54.0	18.95	AV	341.00	200	Horizontal	Pass
4	7433.069	53.52	74.0	20.48	Peak	360.00	200	Horizontal	Pass
4**	7433.069	41.26	54.0	12.74	AV	360.00	200	Horizontal	Pass
5	12515.184	56.40	74.0	17.60	Peak	314.00	200	Horizontal	Pass
5**	12515.184	49.42	54.0	4.58	AV	314.00	200	Horizontal	Pass
6	16150.333	54.41	74.0	19.59	Peak	119.00	200	Horizontal	Pass
6**	16150.333	45.07	54.0	8.93	AV	119.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.229	34.13	74.0	39.87	Peak	343.00	200	Vertical	Pass
1**	1574.229	25.06	54.0	28.94	AV	343.00	200	Vertical	Pass
2	2347.377	45.26	74.0	28.74	Peak	36.00	200	Vertical	Pass
2**	2347.377	32.86	54.0	21.14	AV	36.00	200	Vertical	Pass
3	3913.684	44.40	74.0	29.60	Peak	356.00	200	Vertical	Pass
3**	3913.684	35.32	54.0	18.68	AV	356.00	200	Vertical	Pass
4	7681.558	50.09	74.0	23.91	Peak	199.00	400	Vertical	Pass
4**	7681.558	41.90	54.0	12.10	AV	199.00	400	Vertical	Pass
5	12531.706	52.93	74.0	21.07	Peak	360.00	400	Vertical	Pass
5**	12531.706	44.90	54.0	9.10	AV	360.00	400	Vertical	Pass
6	15380.514	55.38	74.0	18.62	Peak	279.00	200	Vertical	Pass
6**	15380.514	45.32	54.0	8.68	AV	279.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.146	39.23	74.0	34.77	Peak	121.00	100	Horizontal	Pass
1**	1509.146	31.10	54.0	22.90	AV	121.00	100	Horizontal	Pass
2	2347.392	44.03	74.0	29.97	Peak	301.00	200	Horizontal	Pass
2**	2347.392	34.58	54.0	19.42	AV	301.00	200	Horizontal	Pass
3	4207.569	45.79	74.0	28.21	Peak	38.00	200	Horizontal	Pass
3**	4207.569	36.81	54.0	17.19	AV	38.00	200	Horizontal	Pass
4	7437.298	55.53	74.0	18.47	Peak	202.00	300	Horizontal	Pass
4**	7437.298	41.01	54.0	12.99	AV	202.00	300	Horizontal	Pass
5	12518.710	53.84	74.0	20.16	Peak	326.00	200	Horizontal	Pass
5**	12518.710	45.50	54.0	8.50	AV	326.00	200	Horizontal	Pass
6	16148.181	52.72	74.0	21.28	Peak	91.00	200	Horizontal	Pass
6**	16148.181	42.79	54.0	11.21	AV	91.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.241	34.87	74.0	39.13	Peak	128.00	300	Vertical	Pass
1**	1571.241	28.17	54.0	25.83	AV	128.00	300	Vertical	Pass
2	2345.495	42.58	74.0	31.42	Peak	101.00	400	Vertical	Pass
2**	2345.495	30.90	54.0	23.10	AV	101.00	400	Vertical	Pass
3	3916.702	42.21	74.0	31.79	Peak	58.00	200	Vertical	Pass
3**	3916.702	37.08	54.0	16.92	AV	58.00	200	Vertical	Pass
4	7678.430	54.59	74.0	19.41	Peak	75.00	400	Vertical	Pass
4**	7678.430	42.50	54.0	11.50	AV	75.00	400	Vertical	Pass
5	12530.355	53.42	74.0	20.58	Peak	51.00	300	Vertical	Pass
5**	12530.355	41.32	54.0	12.68	AV	51.00	300	Vertical	Pass
6	15383.912	53.26	74.0	20.74	Peak	185.00	200	Vertical	Pass
6**	15383.912	44.14	54.0	9.86	AV	185.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.547	39.10	74.0	34.90	Peak	270.00	300	Horizontal	Pass
1**	1510.547	31.96	54.0	22.04	AV	270.00	300	Horizontal	Pass
2	2344.573	43.60	74.0	30.40	Peak	167.00	100	Horizontal	Pass
2**	2344.573	35.69	54.0	18.31	AV	167.00	100	Horizontal	Pass
3	4207.661	49.06	74.0	24.94	Peak	319.00	200	Horizontal	Pass
3**	4207.661	35.66	54.0	18.34	AV	319.00	200	Horizontal	Pass
4	7437.788	55.05	74.0	18.95	Peak	141.00	200	Horizontal	Pass
4**	7437.788	44.40	54.0	9.60	AV	141.00	200	Horizontal	Pass
5	12516.244	57.73	74.0	16.27	Peak	326.00	200	Horizontal	Pass
5**	12516.244	46.22	54.0	7.78	AV	326.00	200	Horizontal	Pass
6	16144.820	57.28	74.0	16.72	Peak	64.00	400	Horizontal	Pass
6**	16144.820	45.26	54.0	8.74	AV	64.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.766	34.35	74.0	39.65	Peak	175.00	300	Vertical	Pass
1**	1567.766	25.09	54.0	28.91	AV	175.00	300	Vertical	Pass
2	2348.665	43.97	74.0	30.03	Peak	38.00	300	Vertical	Pass
2**	2348.665	34.74	54.0	19.26	AV	38.00	300	Vertical	Pass
3	3915.689	44.49	74.0	29.51	Peak	238.00	200	Vertical	Pass
3**	3915.689	38.12	54.0	15.88	AV	238.00	200	Vertical	Pass
4	7678.562	49.22	74.0	24.78	Peak	278.00	200	Vertical	Pass
4**	7678.562	41.59	54.0	12.41	AV	278.00	200	Vertical	Pass
5	12526.534	57.13	74.0	16.87	Peak	226.00	400	Vertical	Pass
5**	12526.534	39.95	54.0	14.05	AV	226.00	400	Vertical	Pass
6	15383.110	54.24	74.0	19.76	Peak	158.00	200	Vertical	Pass
6**	15383.110	45.86	54.0	8.14	AV	158.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.514	37.10	74.0	36.90	Peak	340.00	300	Horizontal	Pass
1**	1514.514	29.90	54.0	24.10	AV	340.00	300	Horizontal	Pass
2	2346.662	42.81	74.0	31.19	Peak	269.00	200	Horizontal	Pass
2**	2346.662	35.75	54.0	18.25	AV	269.00	200	Horizontal	Pass
3	4205.756	44.90	74.0	29.10	Peak	237.00	200	Horizontal	Pass
3**	4205.756	40.81	54.0	13.19	AV	237.00	200	Horizontal	Pass
4	7437.142	52.43	74.0	21.57	Peak	40.00	100	Horizontal	Pass
4**	7437.142	44.39	54.0	9.61	AV	40.00	100	Horizontal	Pass
5	12516.107	58.19	74.0	15.81	Peak	101.00	400	Horizontal	Pass
5**	12516.107	45.80	54.0	8.20	AV	101.00	400	Horizontal	Pass
6	16149.694	54.77	74.0	19.23	Peak	323.00	300	Horizontal	Pass
6**	16149.694	41.18	54.0	12.82	AV	323.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.249	35.99	74.0	38.01	Peak	62.00	300	Vertical	Pass
1**	1572.249	28.85	54.0	25.15	AV	62.00	300	Vertical	Pass
2	2346.577	43.86	74.0	30.14	Peak	113.00	200	Vertical	Pass
2**	2346.577	31.03	54.0	22.97	AV	113.00	200	Vertical	Pass
3	3917.725	44.95	74.0	29.05	Peak	2.00	200	Vertical	Pass
3**	3917.725	34.88	54.0	19.12	AV	2.00	200	Vertical	Pass
4	7681.255	51.21	74.0	22.79	Peak	334.00	300	Vertical	Pass
4**	7681.255	41.62	54.0	12.38	AV	334.00	300	Vertical	Pass
5	12529.448	58.09	74.0	15.91	Peak	138.00	100	Vertical	Pass
5**	12529.448	41.16	54.0	12.84	AV	138.00	100	Vertical	Pass
6	15379.129	52.79	74.0	21.21	Peak	177.00	400	Vertical	Pass
6**	15379.129	45.78	54.0	8.22	AV	177.00	400	Vertical	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.588	36.89	74.0	37.11	Peak	312.00	100	Horizontal	Pass
1**	1510.588	30.71	54.0	23.29	AV	312.00	100	Horizontal	Pass
2	2350.563	45.07	74.0	28.93	Peak	248.00	400	Horizontal	Pass
2**	2350.563	40.40	54.0	13.60	AV	248.00	400	Horizontal	Pass
3	4206.099	44.80	74.0	29.20	Peak	342.00	200	Horizontal	Pass
3**	4206.099	39.10	54.0	14.90	AV	342.00	200	Horizontal	Pass
4	7432.418	52.84	74.0	21.16	Peak	151.00	300	Horizontal	Pass
4**	7432.418	41.98	54.0	12.02	AV	151.00	300	Horizontal	Pass
5	12521.600	54.61	74.0	19.39	Peak	345.00	400	Horizontal	Pass
5**	12521.600	48.37	54.0	5.63	AV	345.00	400	Horizontal	Pass
6	16150.194	55.28	74.0	18.72	Peak	237.00	300	Horizontal	Pass
6**	16150.194	45.50	54.0	8.50	AV	237.00	300	Horizontal	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.816	38.95	74.0	35.05	Peak	359.00	400	Vertical	Pass
1**	1567.816	24.75	54.0	29.25	AV	359.00	400	Vertical	Pass
2	2349.317	46.30	74.0	27.70	Peak	318.00	100	Vertical	Pass
2**	2349.317	31.16	54.0	22.84	AV	318.00	100	Vertical	Pass
3	3913.771	47.69	74.0	26.31	Peak	326.00	200	Vertical	Pass
3**	3913.771	37.46	54.0	16.54	AV	326.00	200	Vertical	Pass
4	7684.392	53.58	74.0	20.42	Peak	265.00	200	Vertical	Pass
4**	7684.392	46.42	54.0	7.58	AV	265.00	200	Vertical	Pass
5	12526.972	57.36	74.0	16.64	Peak	265.00	400	Vertical	Pass
5**	12526.972	43.20	54.0	10.80	AV	265.00	400	Vertical	Pass
6	15383.216	54.69	74.0	19.31	Peak	155.00	200	Vertical	Pass
6**	15383.216	47.52	54.0	6.48	AV	155.00	200	Vertical	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.430	39.41	74.0	34.59	Peak	74.00	200	Horizontal	Pass
1**	1510.430	29.40	54.0	24.60	AV	74.00	200	Horizontal	Pass
2	2344.810	44.25	74.0	29.75	Peak	249.00	400	Horizontal	Pass
2**	2344.810	34.75	54.0	19.25	AV	249.00	400	Horizontal	Pass
3	4202.799	46.41	74.0	27.59	Peak	264.00	200	Horizontal	Pass
3**	4202.799	38.00	54.0	16.00	AV	264.00	200	Horizontal	Pass
4	7432.403	54.82	74.0	19.18	Peak	66.00	200	Horizontal	Pass
4**	7432.403	43.66	54.0	10.34	AV	66.00	200	Horizontal	Pass
5	12515.853	53.59	74.0	20.41	Peak	224.00	200	Horizontal	Pass
5**	12515.853	44.14	54.0	9.86	AV	224.00	200	Horizontal	Pass
6	16145.639	57.30	74.0	16.70	Peak	141.00	100	Horizontal	Pass
6**	16145.639	44.39	54.0	9.61	AV	141.00	100	Horizontal	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.382	35.66	74.0	38.34	Peak	230.00	100	Vertical	Pass
1**	1572.382	29.50	54.0	24.50	AV	230.00	100	Vertical	Pass
2	2346.399	42.76	74.0	31.24	Peak	220.00	200	Vertical	Pass
2**	2346.399	31.91	54.0	22.09	AV	220.00	200	Vertical	Pass
3	3914.422	46.04	74.0	27.96	Peak	214.00	200	Vertical	Pass
3**	3914.422	35.20	54.0	18.80	AV	214.00	200	Vertical	Pass
4	7682.546	50.08	74.0	23.92	Peak	90.00	200	Vertical	Pass
4**	7682.546	46.91	54.0	7.09	AV	90.00	200	Vertical	Pass
5	12526.383	58.17	74.0	15.83	Peak	302.00	200	Vertical	Pass
5**	12526.383	43.02	54.0	10.98	AV	302.00	200	Vertical	Pass
6	15380.588	55.25	74.0	18.75	Peak	258.00	300	Vertical	Pass
6**	15380.588	44.83	54.0	9.17	AV	258.00	300	Vertical	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.249	41.96	74.0	32.04	Peak	262.00	400	Horizontal	Pass
1**	1508.249	31.75	54.0	22.25	AV	262.00	400	Horizontal	Pass
2	2352.037	46.19	74.0	27.81	Peak	121.00	300	Horizontal	Pass
2**	2352.037	38.70	54.0	15.30	AV	121.00	300	Horizontal	Pass
3	4206.336	45.86	74.0	28.14	Peak	269.00	200	Horizontal	Pass
3**	4206.336	36.33	54.0	17.67	AV	269.00	200	Horizontal	Pass
4	7431.559	52.01	74.0	21.99	Peak	44.00	200	Horizontal	Pass
4**	7431.559	40.20	54.0	13.80	AV	44.00	200	Horizontal	Pass
5	12514.131	53.16	74.0	20.84	Peak	317.00	200	Horizontal	Pass
5**	12514.131	45.49	54.0	8.51	AV	317.00	200	Horizontal	Pass
6	16147.487	54.36	74.0	19.64	Peak	168.00	400	Horizontal	Pass
6**	16147.487	42.24	54.0	11.76	AV	168.00	400	Horizontal	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.700	33.85	74.0	40.15	Peak	252.00	300	Vertical	Pass
1**	1573.700	28.78	54.0	25.22	AV	252.00	300	Vertical	Pass
2	2348.935	42.57	74.0	31.43	Peak	276.00	400	Vertical	Pass
2**	2348.935	35.50	54.0	18.50	AV	276.00	400	Vertical	Pass
3	3920.802	43.71	74.0	30.29	Peak	316.00	200	Vertical	Pass
3**	3920.802	34.93	54.0	19.07	AV	316.00	200	Vertical	Pass
4	7683.663	53.16	74.0	20.84	Peak	144.00	400	Vertical	Pass
4**	7683.663	42.39	54.0	11.61	AV	144.00	400	Vertical	Pass
5	12533.343	57.67	74.0	16.33	Peak	262.00	300	Vertical	Pass
5**	12533.343	43.52	54.0	10.48	AV	262.00	300	Vertical	Pass
6	15382.324	55.57	74.0	18.43	Peak	5.00	200	Vertical	Pass
6**	15382.324	44.70	54.0	9.30	AV	5.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.781	40.37	74.0	33.63	Peak	144.00	300	Horizontal	Pass
1**	1526.781	29.84	54.0	24.16	AV	144.00	300	Horizontal	Pass
2	2271.223	42.22	74.0	31.78	Peak	249.00	400	Horizontal	Pass
2**	2271.223	36.73	54.0	17.27	AV	249.00	400	Horizontal	Pass
3	4043.800	47.73	74.0	26.27	Peak	332.00	200	Horizontal	Pass
3**	4043.800	34.69	54.0	19.31	AV	332.00	200	Horizontal	Pass
4	7617.932	51.27	74.0	22.73	Peak	328.00	100	Horizontal	Pass
4**	7617.932	43.47	54.0	10.53	AV	328.00	100	Horizontal	Pass
5	12458.300	51.70	74.0	22.30	Peak	73.00	200	Horizontal	Pass
5**	12458.300	44.96	54.0	9.04	AV	73.00	200	Horizontal	Pass
6	15907.334	52.57	74.0	21.43	Peak	62.00	200	Horizontal	Pass
6**	15907.334	44.00	54.0	10.00	AV	62.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.985	41.11	74.0	32.89	Peak	84.00	300	Vertical	Pass
1**	1532.985	30.84	54.0	23.16	AV	84.00	300	Vertical	Pass
2	2334.887	43.46	74.0	30.54	Peak	297.00	400	Vertical	Pass
2**	2334.887	34.92	54.0	19.08	AV	297.00	400	Vertical	Pass
3	4902.898	48.11	74.0	25.89	Peak	90.00	200	Vertical	Pass
3**	4902.898	42.24	54.0	11.76	AV	90.00	200	Vertical	Pass
4	7325.501	52.44	74.0	21.56	Peak	221.00	200	Vertical	Pass
4**	7325.501	46.16	54.0	7.84	AV	221.00	200	Vertical	Pass
5	12487.423	50.12	74.0	23.88	Peak	198.00	200	Vertical	Pass
5**	12487.423	41.85	54.0	12.15	AV	198.00	200	Vertical	Pass
6	15694.533	56.20	74.0	17.80	Peak	311.00	300	Vertical	Pass
6**	15694.533	43.72	54.0	10.28	AV	311.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.422	37.71	74.0	36.29	Peak	66.00	300	Horizontal	Pass
1**	1521.422	30.60	54.0	23.40	AV	66.00	300	Horizontal	Pass
2	2277.514	44.53	74.0	29.47	Peak	196.00	300	Horizontal	Pass
2**	2277.514	35.40	54.0	18.60	AV	196.00	300	Horizontal	Pass
3	4045.176	47.05	74.0	26.95	Peak	266.00	200	Horizontal	Pass
3**	4045.176	39.75	54.0	14.25	AV	266.00	200	Horizontal	Pass
4	7616.517	53.75	74.0	20.25	Peak	282.00	400	Horizontal	Pass
4**	7616.517	40.91	54.0	13.09	AV	282.00	400	Horizontal	Pass
5	12457.635	55.33	74.0	18.67	Peak	97.00	300	Horizontal	Pass
5**	12457.635	46.71	54.0	7.29	AV	97.00	300	Horizontal	Pass
6	15906.774	56.09	74.0	17.91	Peak	101.00	100	Horizontal	Pass
6**	15906.774	45.88	54.0	8.12	AV	101.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.191	37.29	74.0	36.71	Peak	59.00	300	Vertical	Pass
1**	1533.191	29.60	54.0	24.40	AV	59.00	300	Vertical	Pass
2	2332.420	42.60	74.0	31.40	Peak	97.00	200	Vertical	Pass
2**	2332.420	32.86	54.0	21.14	AV	97.00	200	Vertical	Pass
3	4901.619	48.86	74.0	25.14	Peak	102.00	200	Vertical	Pass
3**	4901.619	37.54	54.0	16.46	AV	102.00	200	Vertical	Pass
4	7324.960	53.18	74.0	20.82	Peak	29.00	400	Vertical	Pass
4**	7324.960	46.00	54.0	8.00	AV	29.00	400	Vertical	Pass
5	12484.079	53.64	74.0	20.36	Peak	20.00	200	Vertical	Pass
5**	12484.079	46.69	54.0	7.31	AV	20.00	200	Vertical	Pass
6	15687.713	55.15	74.0	18.85	Peak	340.00	100	Vertical	Pass
6**	15687.713	41.97	54.0	12.03	AV	340.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.722	36.67	74.0	37.33	Peak	96.00	300	Horizontal	Pass
1**	1523.722	28.28	54.0	25.72	AV	96.00	300	Horizontal	Pass
2	2278.310	46.20	74.0	27.80	Peak	288.00	400	Horizontal	Pass
2**	2278.310	33.39	54.0	20.61	AV	288.00	400	Horizontal	Pass
3	4049.380	46.83	74.0	27.17	Peak	14.00	200	Horizontal	Pass
3**	4049.380	36.85	54.0	17.15	AV	14.00	200	Horizontal	Pass
4	7621.453	52.84	74.0	21.16	Peak	242.00	400	Horizontal	Pass
4**	7621.453	44.45	54.0	9.55	AV	242.00	400	Horizontal	Pass
5	12451.067	53.39	74.0	20.61	Peak	228.00	100	Horizontal	Pass
5**	12451.067	43.24	54.0	10.76	AV	228.00	100	Horizontal	Pass
6	15901.867	54.66	74.0	19.34	Peak	9.00	300	Horizontal	Pass
6**	15901.867	42.41	54.0	11.59	AV	9.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.645	37.08	74.0	36.92	Peak	76.00	300	Vertical	Pass
1**	1533.645	27.88	54.0	26.12	AV	76.00	300	Vertical	Pass
2	2332.808	47.37	74.0	26.63	Peak	69.00	200	Vertical	Pass
2**	2332.808	36.62	54.0	17.38	AV	69.00	200	Vertical	Pass
3	4902.379	50.40	74.0	23.60	Peak	148.00	200	Vertical	Pass
3**	4902.379	37.77	54.0	16.23	AV	148.00	200	Vertical	Pass
4	7331.184	54.70	74.0	19.30	Peak	123.00	400	Vertical	Pass
4**	7331.184	41.25	54.0	12.75	AV	123.00	400	Vertical	Pass
5	12489.277	51.95	74.0	22.05	Peak	340.00	100	Vertical	Pass
5**	12489.277	45.18	54.0	8.82	AV	340.00	100	Vertical	Pass
6	15689.402	54.70	74.0	19.30	Peak	20.00	300	Vertical	Pass
6**	15689.402	45.18	54.0	8.82	AV	20.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.560	35.82	74.0	38.18	Peak	67.00	400	Horizontal	Pass
1**	1521.560	30.63	54.0	23.37	AV	67.00	400	Horizontal	Pass
2	2276.123	42.41	74.0	31.59	Peak	24.00	300	Horizontal	Pass
2**	2276.123	33.32	54.0	20.68	AV	24.00	300	Horizontal	Pass
3	4050.363	50.05	74.0	23.95	Peak	77.00	200	Horizontal	Pass
3**	4050.363	36.66	54.0	17.34	AV	77.00	200	Horizontal	Pass
4	7622.186	52.24	74.0	21.76	Peak	349.00	200	Horizontal	Pass
4**	7622.186	44.88	54.0	9.12	AV	349.00	200	Horizontal	Pass
5	12453.273	53.16	74.0	20.84	Peak	254.00	200	Horizontal	Pass
5**	12453.273	44.69	54.0	9.31	AV	254.00	200	Horizontal	Pass
6	15901.097	53.10	74.0	20.90	Peak	212.00	100	Horizontal	Pass
6**	15901.097	46.53	54.0	7.47	AV	212.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.465	39.19	74.0	34.81	Peak	10.00	100	Vertical	Pass
1**	1530.465	29.38	54.0	24.62	AV	10.00	100	Vertical	Pass
2	2336.489	47.00	74.0	27.00	Peak	142.00	100	Vertical	Pass
2**	2336.489	33.38	54.0	20.62	AV	142.00	100	Vertical	Pass
3	4902.159	50.24	74.0	23.76	Peak	20.00	200	Vertical	Pass
3**	4902.159	41.13	54.0	12.87	AV	20.00	200	Vertical	Pass
4	7330.418	54.89	74.0	19.11	Peak	305.00	100	Vertical	Pass
4**	7330.418	41.94	54.0	12.06	AV	305.00	100	Vertical	Pass
5	12487.934	51.86	74.0	22.14	Peak	11.00	300	Vertical	Pass
5**	12487.934	44.00	54.0	10.00	AV	11.00	300	Vertical	Pass
6	15688.383	51.53	74.0	22.47	Peak	90.00	300	Vertical	Pass
6**	15688.383	46.77	54.0	7.23	AV	90.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.946	36.23	74.0	37.77	Peak	70.00	200	Horizontal	Pass
1**	1521.946	26.39	54.0	27.61	AV	70.00	200	Horizontal	Pass
2	2276.928	44.54	74.0	29.46	Peak	151.00	100	Horizontal	Pass
2**	2276.928	33.63	54.0	20.37	AV	151.00	100	Horizontal	Pass
3	4050.127	44.98	74.0	29.02	Peak	58.00	200	Horizontal	Pass
3**	4050.127	35.65	54.0	18.35	AV	58.00	200	Horizontal	Pass
4	7622.338	53.21	74.0	20.79	Peak	318.00	200	Horizontal	Pass
4**	7622.338	41.03	54.0	12.97	AV	318.00	200	Horizontal	Pass
5	12451.981	51.25	74.0	22.75	Peak	58.00	400	Horizontal	Pass
5**	12451.981	42.47	54.0	11.53	AV	58.00	400	Horizontal	Pass
6	15907.566	56.10	74.0	17.90	Peak	325.00	400	Horizontal	Pass
6**	15907.566	44.44	54.0	9.56	AV	325.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.000	36.35	74.0	37.65	Peak	65.00	200	Vertical	Pass
1**	1528.000	25.66	54.0	28.34	AV	65.00	200	Vertical	Pass
2	2337.019	42.01	74.0	31.99	Peak	351.00	200	Vertical	Pass
2**	2337.019	33.48	54.0	20.52	AV	351.00	200	Vertical	Pass
3	4903.363	51.65	74.0	22.35	Peak	290.00	200	Vertical	Pass
3**	4903.363	38.58	54.0	15.42	AV	290.00	200	Vertical	Pass
4	7328.512	51.17	74.0	22.83	Peak	119.00	200	Vertical	Pass
4**	7328.512	43.00	54.0	11.00	AV	119.00	200	Vertical	Pass
5	12484.466	55.72	74.0	18.28	Peak	125.00	400	Vertical	Pass
5**	12484.466	43.62	54.0	10.38	AV	125.00	400	Vertical	Pass
6	15689.835	52.39	74.0	21.61	Peak	65.00	300	Vertical	Pass
6**	15689.835	45.01	54.0	8.99	AV	65.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.966	37.38	74.0	36.62	Peak	206.00	100	Horizontal	Pass
1**	1525.966	30.00	54.0	24.00	AV	206.00	100	Horizontal	Pass
2	2276.467	45.70	74.0	28.30	Peak	0.00	300	Horizontal	Pass
2**	2276.467	34.09	54.0	19.91	AV	0.00	300	Horizontal	Pass
3	4047.557	47.92	74.0	26.08	Peak	96.00	200	Horizontal	Pass
3**	4047.557	36.34	54.0	17.66	AV	96.00	200	Horizontal	Pass
4	7620.425	54.70	74.0	19.30	Peak	216.00	200	Horizontal	Pass
4**	7620.425	44.38	54.0	9.62	AV	216.00	200	Horizontal	Pass
5	12456.172	52.59	74.0	21.41	Peak	78.00	400	Horizontal	Pass
5**	12456.172	47.30	54.0	6.70	AV	78.00	400	Horizontal	Pass
6	15905.214	54.58	74.0	19.42	Peak	78.00	200	Horizontal	Pass
6**	15905.214	43.51	54.0	10.49	AV	78.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.819	41.11	74.0	32.89	Peak	98.00	200	Vertical	Pass
1**	1530.819	28.90	54.0	25.10	AV	98.00	200	Vertical	Pass
2	2336.087	42.33	74.0	31.67	Peak	106.00	300	Vertical	Pass
2**	2336.087	36.61	54.0	17.39	AV	106.00	300	Vertical	Pass
3	4900.428	50.01	74.0	23.99	Peak	121.00	200	Vertical	Pass
3**	4900.428	39.29	54.0	14.71	AV	121.00	200	Vertical	Pass
4	7331.224	50.68	74.0	23.32	Peak	299.00	100	Vertical	Pass
4**	7331.224	45.91	54.0	8.09	AV	299.00	100	Vertical	Pass
5	12486.966	52.03	74.0	21.97	Peak	6.00	100	Vertical	Pass
5**	12486.966	41.90	54.0	12.10	AV	6.00	100	Vertical	Pass
6	15688.590	54.35	74.0	19.65	Peak	353.00	200	Vertical	Pass
6**	15688.590	43.67	54.0	10.33	AV	353.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.556	36.64	74.0	37.36	Peak	224.00	400	Horizontal	Pass
1**	1526.556	25.98	54.0	28.02	AV	224.00	400	Horizontal	Pass
2	2271.015	45.15	74.0	28.85	Peak	77.00	100	Horizontal	Pass
2**	2271.015	33.80	54.0	20.20	AV	77.00	100	Horizontal	Pass
3	4050.251	49.92	74.0	24.08	Peak	245.00	200	Horizontal	Pass
3**	4050.251	36.79	54.0	17.21	AV	245.00	200	Horizontal	Pass
4	7619.979	50.36	74.0	23.64	Peak	116.00	100	Horizontal	Pass
4**	7619.979	45.11	54.0	8.89	AV	116.00	100	Horizontal	Pass
5	12454.844	55.99	74.0	18.01	Peak	93.00	400	Horizontal	Pass
5**	12454.844	44.74	54.0	9.26	AV	93.00	400	Horizontal	Pass
6	15902.574	56.14	74.0	17.86	Peak	333.00	300	Horizontal	Pass
6**	15902.574	44.96	54.0	9.04	AV	333.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.213	38.10	74.0	35.90	Peak	214.00	200	Vertical	Pass
1**	1534.213	30.02	54.0	23.98	AV	214.00	200	Vertical	Pass
2	2333.242	44.47	74.0	29.53	Peak	33.00	400	Vertical	Pass
2**	2333.242	34.35	54.0	19.65	AV	33.00	400	Vertical	Pass
3	4898.265	51.36	74.0	22.64	Peak	23.00	200	Vertical	Pass
3**	4898.265	40.39	54.0	13.61	AV	23.00	200	Vertical	Pass
4	7328.560	52.91	74.0	21.09	Peak	258.00	400	Vertical	Pass
4**	7328.560	46.18	54.0	7.82	AV	258.00	400	Vertical	Pass
5	12487.336	50.24	74.0	23.76	Peak	96.00	400	Vertical	Pass
5**	12487.336	43.46	54.0	10.54	AV	96.00	400	Vertical	Pass
6	15691.010	52.08	74.0	21.92	Peak	299.00	100	Vertical	Pass
6**	15691.010	47.14	54.0	6.86	AV	299.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.975	36.16	74.0	37.84	Peak	144.00	200	Horizontal	Pass
1**	1520.975	27.50	54.0	26.50	AV	144.00	200	Horizontal	Pass
2	2274.602	41.16	74.0	32.84	Peak	68.00	100	Horizontal	Pass
2**	2274.602	36.11	54.0	17.89	AV	68.00	100	Horizontal	Pass
3	4050.051	44.22	74.0	29.78	Peak	224.00	200	Horizontal	Pass
3**	4050.051	38.42	54.0	15.58	AV	224.00	200	Horizontal	Pass
4	7624.082	55.75	74.0	18.25	Peak	314.00	200	Horizontal	Pass
4**	7624.082	44.36	54.0	9.64	AV	314.00	200	Horizontal	Pass
5	12455.936	53.51	74.0	20.49	Peak	45.00	300	Horizontal	Pass
5**	12455.936	41.76	54.0	12.24	AV	45.00	300	Horizontal	Pass
6	15901.164	50.73	74.0	23.27	Peak	337.00	400	Horizontal	Pass
6**	15901.164	45.97	54.0	8.03	AV	337.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.751	37.14	74.0	36.86	Peak	106.00	400	Vertical	Pass
1**	1533.751	26.74	54.0	27.26	AV	106.00	400	Vertical	Pass
2	2337.147	44.04	74.0	29.96	Peak	120.00	300	Vertical	Pass
2**	2337.147	37.16	54.0	16.84	AV	120.00	300	Vertical	Pass
3	4897.059	49.64	74.0	24.36	Peak	57.00	200	Vertical	Pass
3**	4897.059	39.54	54.0	14.46	AV	57.00	200	Vertical	Pass
4	7327.971	51.76	74.0	22.24	Peak	151.00	200	Vertical	Pass
4**	7327.971	46.70	54.0	7.30	AV	151.00	200	Vertical	Pass
5	12489.833	55.62	74.0	18.38	Peak	316.00	100	Vertical	Pass
5**	12489.833	45.94	54.0	8.06	AV	316.00	100	Vertical	Pass
6	15687.944	52.33	74.0	21.67	Peak	232.00	300	Vertical	Pass
6**	15687.944	43.38	54.0	10.62	AV	232.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.537	38.80	74.0	35.20	Peak	194.00	400	Horizontal	Pass
1**	1524.537	26.51	54.0	27.49	AV	194.00	400	Horizontal	Pass
2	2275.093	45.63	74.0	28.37	Peak	114.00	200	Horizontal	Pass
2**	2275.093	35.58	54.0	18.42	AV	114.00	200	Horizontal	Pass
3	4045.884	45.65	74.0	28.35	Peak	28.00	200	Horizontal	Pass
3**	4045.884	35.13	54.0	18.87	AV	28.00	200	Horizontal	Pass
4	7617.102	50.40	74.0	23.60	Peak	295.00	300	Horizontal	Pass
4**	7617.102	44.98	54.0	9.02	AV	295.00	300	Horizontal	Pass
5	12450.791	53.27	74.0	20.73	Peak	97.00	100	Horizontal	Pass
5**	12450.791	45.27	54.0	8.73	AV	97.00	100	Horizontal	Pass
6	15900.879	56.09	74.0	17.91	Peak	244.00	100	Horizontal	Pass
6**	15900.879	47.23	54.0	6.77	AV	244.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.693	40.65	74.0	33.35	Peak	128.00	300	Vertical	Pass
1**	1533.693	30.37	54.0	23.63	AV	128.00	300	Vertical	Pass
2	2331.678	46.30	74.0	27.70	Peak	88.00	400	Vertical	Pass
2**	2331.678	37.92	54.0	16.08	AV	88.00	400	Vertical	Pass
3	4898.632	50.66	74.0	23.34	Peak	27.00	200	Vertical	Pass
3**	4898.632	37.83	54.0	16.17	AV	27.00	200	Vertical	Pass
4	7327.134	51.80	74.0	22.20	Peak	109.00	400	Vertical	Pass
4**	7327.134	43.89	54.0	10.11	AV	109.00	400	Vertical	Pass
5	12483.321	52.79	74.0	21.21	Peak	39.00	400	Vertical	Pass
5**	12483.321	44.02	54.0	9.98	AV	39.00	400	Vertical	Pass
6	15694.141	51.43	74.0	22.57	Peak	98.00	100	Vertical	Pass
6**	15694.141	47.44	54.0	6.56	AV	98.00	100	Vertical	Pass

11ax20 (SU), U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.076	37.36	74.0	36.64	Peak	0.00	400	Horizontal	Pass
1**	1525.076	27.96	54.0	26.04	AV	0.00	400	Horizontal	Pass
2	2276.262	43.98	74.0	30.02	Peak	207.00	100	Horizontal	Pass
2**	2276.262	32.39	54.0	21.61	AV	207.00	100	Horizontal	Pass
3	4044.408	47.43	74.0	26.57	Peak	307.00	200	Horizontal	Pass
3**	4044.408	36.56	54.0	17.44	AV	307.00	200	Horizontal	Pass
4	7619.455	55.64	74.0	18.36	Peak	54.00	400	Horizontal	Pass
4**	7619.455	41.83	54.0	12.17	AV	54.00	400	Horizontal	Pass
5	12453.957	55.64	74.0	18.36	Peak	16.00	200	Horizontal	Pass
5**	12453.957	44.79	54.0	9.21	AV	16.00	200	Horizontal	Pass
6	15901.616	54.27	74.0	19.73	Peak	322.00	400	Horizontal	Pass
6**	15901.616	43.34	54.0	10.66	AV	322.00	400	Horizontal	Pass

11ax20 (SU), U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.814	38.15	74.0	35.85	Peak	193.00	100	Vertical	Pass
1**	1527.814	30.73	54.0	23.27	AV	193.00	100	Vertical	Pass
2	2336.168	44.33	74.0	29.67	Peak	353.00	400	Vertical	Pass
2**	2336.168	35.31	54.0	18.69	AV	353.00	400	Vertical	Pass
3	4899.718	47.10	74.0	26.90	Peak	241.00	200	Vertical	Pass
3**	4899.718	41.35	54.0	12.65	AV	241.00	200	Vertical	Pass
4	7330.001	56.21	74.0	17.79	Peak	3.00	300	Vertical	Pass
4**	7330.001	42.99	54.0	11.01	AV	3.00	300	Vertical	Pass
5	12482.759	52.16	74.0	21.84	Peak	235.00	300	Vertical	Pass
5**	12482.759	45.57	54.0	8.43	AV	235.00	300	Vertical	Pass
6	15690.330	55.56	74.0	18.44	Peak	260.00	300	Vertical	Pass
6**	15690.330	47.33	54.0	6.67	AV	260.00	300	Vertical	Pass

11ax20 (SU), U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.302	37.52	74.0	36.48	Peak	189.00	400	Horizontal	Pass
1**	1525.302	31.03	54.0	22.97	AV	189.00	400	Horizontal	Pass
2	2275.226	40.90	74.0	33.10	Peak	11.00	400	Horizontal	Pass
2**	2275.226	32.74	54.0	21.26	AV	11.00	400	Horizontal	Pass
3	4043.739	46.50	74.0	27.50	Peak	162.00	200	Horizontal	Pass
3**	4043.739	39.57	54.0	14.43	AV	162.00	200	Horizontal	Pass
4	7618.422	51.86	74.0	22.14	Peak	271.00	300	Horizontal	Pass
4**	7618.422	42.53	54.0	11.47	AV	271.00	300	Horizontal	Pass
5	12451.066	52.17	74.0	21.83	Peak	122.00	100	Horizontal	Pass
5**	12451.066	45.03	54.0	8.97	AV	122.00	100	Horizontal	Pass
6	15902.902	54.00	74.0	20.00	Peak	281.00	200	Horizontal	Pass
6**	15902.902	46.83	54.0	7.17	AV	281.00	200	Horizontal	Pass

11ax20 (SU), U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.771	38.77	74.0	35.23	Peak	9.00	200	Vertical	Pass
1**	1533.771	26.45	54.0	27.55	AV	9.00	200	Vertical	Pass
2	2334.621	42.28	74.0	31.72	Peak	354.00	400	Vertical	Pass
2**	2334.621	34.53	54.0	19.47	AV	354.00	400	Vertical	Pass
3	4903.431	49.06	74.0	24.94	Peak	89.00	200	Vertical	Pass
3**	4903.431	41.34	54.0	12.66	AV	89.00	200	Vertical	Pass
4	7327.431	52.81	74.0	21.19	Peak	209.00	300	Vertical	Pass
4**	7327.431	43.72	54.0	10.28	AV	209.00	300	Vertical	Pass
5	12485.016	54.43	74.0	19.57	Peak	317.00	200	Vertical	Pass
5**	12485.016	46.71	54.0	7.29	AV	317.00	200	Vertical	Pass
6	15690.209	54.79	74.0	19.21	Peak	29.00	400	Vertical	Pass
6**	15690.209	45.95	54.0	8.05	AV	29.00	400	Vertical	Pass

11ax20 (SU), U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.472	39.58	74.0	34.42	Peak	42.00	200	Horizontal	Pass
1**	1522.472	26.62	54.0	27.38	AV	42.00	200	Horizontal	Pass
2	2277.112	43.99	74.0	30.01	Peak	311.00	200	Horizontal	Pass
2**	2277.112	33.37	54.0	20.63	AV	311.00	200	Horizontal	Pass
3	4042.889	47.69	74.0	26.31	Peak	270.00	200	Horizontal	Pass
3**	4042.889	37.69	54.0	16.31	AV	270.00	200	Horizontal	Pass
4	7619.376	52.27	74.0	21.73	Peak	213.00	200	Horizontal	Pass
4**	7619.376	43.32	54.0	10.68	AV	213.00	200	Horizontal	Pass
5	12451.904	55.90	74.0	18.10	Peak	219.00	300	Horizontal	Pass
5**	12451.904	43.57	54.0	10.43	AV	219.00	300	Horizontal	Pass
6	15905.673	51.36	74.0	22.64	Peak	253.00	300	Horizontal	Pass
6**	15905.673	47.59	54.0	6.41	AV	253.00	300	Horizontal	Pass

11ax20 (SU), U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.576	36.84	74.0	37.16	Peak	275.00	400	Vertical	Pass
1**	1531.576	29.07	54.0	24.93	AV	275.00	400	Vertical	Pass
2	2334.032	47.20	74.0	26.80	Peak	73.00	200	Vertical	Pass
2**	2334.032	37.54	54.0	16.46	AV	73.00	200	Vertical	Pass
3	4899.289	52.38	74.0	21.62	Peak	133.00	200	Vertical	Pass
3**	4899.289	39.17	54.0	14.83	AV	133.00	200	Vertical	Pass
4	7330.433	53.86	74.0	20.14	Peak	281.00	300	Vertical	Pass
4**	7330.433	43.63	54.0	10.37	AV	281.00	300	Vertical	Pass
5	12488.712	55.28	74.0	18.72	Peak	43.00	200	Vertical	Pass
5**	12488.712	44.26	54.0	9.74	AV	43.00	200	Vertical	Pass
6	15691.699	52.40	74.0	21.60	Peak	217.00	400	Vertical	Pass
6**	15691.699	43.47	54.0	10.53	AV	217.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.275	40.82	74.0	33.18	Peak	142.00	200	Horizontal	Pass
1**	1528.275	30.10	54.0	23.90	AV	142.00	200	Horizontal	Pass
2	2271.433	46.69	74.0	27.31	Peak	111.00	100	Horizontal	Pass
2**	2271.433	32.19	54.0	21.81	AV	111.00	100	Horizontal	Pass
3	4049.609	44.26	74.0	29.74	Peak	332.00	200	Horizontal	Pass
3**	4049.609	35.14	54.0	18.86	AV	332.00	200	Horizontal	Pass
4	7619.733	52.35	74.0	21.65	Peak	106.00	200	Horizontal	Pass
4**	7619.733	45.99	54.0	8.01	AV	106.00	200	Horizontal	Pass
5	12456.971	52.87	74.0	21.13	Peak	261.00	200	Horizontal	Pass
5**	12456.971	47.19	54.0	6.81	AV	261.00	200	Horizontal	Pass
6	15905.442	50.78	74.0	23.22	Peak	58.00	200	Horizontal	Pass
6**	15905.442	44.08	54.0	9.92	AV	58.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.267	40.29	74.0	33.71	Peak	65.00	300	Vertical	Pass
1**	1601.267	24.25	54.0	29.75	AV	65.00	300	Vertical	Pass
2	2229.034	41.43	74.0	32.57	Peak	24.00	400	Vertical	Pass
2**	2229.034	31.43	54.0	22.57	AV	24.00	400	Vertical	Pass
3	4257.591	49.57	74.0	24.43	Peak	100.00	200	Vertical	Pass
3**	4257.591	37.27	54.0	16.73	AV	100.00	200	Vertical	Pass
4	7708.291	53.12	74.0	20.88	Peak	357.00	400	Vertical	Pass
4**	7708.291	43.85	54.0	10.15	AV	357.00	400	Vertical	Pass
5	12500.752	54.40	74.0	19.60	Peak	16.00	400	Vertical	Pass
5**	12500.752	45.93	54.0	8.07	AV	16.00	400	Vertical	Pass
6	15673.606	53.04	74.0	20.96	Peak	263.00	200	Vertical	Pass
6**	15673.606	44.54	54.0	9.46	AV	263.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.230	37.27	74.0	36.73	Peak	196.00	400	Horizontal	Pass
1**	1525.230	30.70	54.0	23.30	AV	196.00	400	Horizontal	Pass
2	2274.905	41.92	74.0	32.08	Peak	135.00	400	Horizontal	Pass
2**	2274.905	35.55	54.0	18.45	AV	135.00	400	Horizontal	Pass
3	4045.610	49.46	74.0	24.54	Peak	6.00	200	Horizontal	Pass
3**	4045.610	39.59	54.0	14.41	AV	6.00	200	Horizontal	Pass
4	7623.852	53.69	74.0	20.31	Peak	213.00	200	Horizontal	Pass
4**	7623.852	41.09	54.0	12.91	AV	213.00	200	Horizontal	Pass
5	12456.322	55.76	74.0	18.24	Peak	295.00	300	Horizontal	Pass
5**	12456.322	44.04	54.0	9.96	AV	295.00	300	Horizontal	Pass
6	15906.664	54.62	74.0	19.38	Peak	308.00	300	Horizontal	Pass
6**	15906.664	46.98	54.0	7.02	AV	308.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.833	38.69	74.0	35.31	Peak	235.00	400	Vertical	Pass
1**	1599.833	25.46	54.0	28.54	AV	235.00	400	Vertical	Pass
2	2225.924	42.68	74.0	31.32	Peak	101.00	200	Vertical	Pass
2**	2225.924	30.62	54.0	23.38	AV	101.00	200	Vertical	Pass
3	4257.218	45.57	74.0	28.43	Peak	118.00	200	Vertical	Pass
3**	4257.218	38.35	54.0	15.65	AV	118.00	200	Vertical	Pass
4	7709.732	57.73	74.0	16.27	Peak	39.00	200	Vertical	Pass
4**	7709.732	43.79	54.0	10.21	AV	39.00	200	Vertical	Pass
5	12502.210	53.91	74.0	20.09	Peak	290.00	200	Vertical	Pass
5**	12502.210	44.17	54.0	9.83	AV	290.00	200	Vertical	Pass
6	15669.099	53.09	74.0	20.91	Peak	205.00	100	Vertical	Pass
6**	15669.099	40.28	54.0	13.72	AV	205.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.180	40.54	74.0	33.46	Peak	49.00	300	Horizontal	Pass
1**	1526.180	28.57	54.0	25.43	AV	49.00	300	Horizontal	Pass
2	2276.157	42.80	74.0	31.20	Peak	197.00	100	Horizontal	Pass
2**	2276.157	35.32	54.0	18.68	AV	197.00	100	Horizontal	Pass
3	4044.118	46.42	74.0	27.58	Peak	281.00	200	Horizontal	Pass
3**	4044.118	34.23	54.0	19.77	AV	281.00	200	Horizontal	Pass
4	7616.748	55.57	74.0	18.43	Peak	63.00	200	Horizontal	Pass
4**	7616.748	45.48	54.0	8.52	AV	63.00	200	Horizontal	Pass
5	12455.722	55.48	74.0	18.52	Peak	0.00	200	Horizontal	Pass
5**	12455.722	44.59	54.0	9.41	AV	0.00	200	Horizontal	Pass
6	15903.337	52.85	74.0	21.15	Peak	260.00	400	Horizontal	Pass
6**	15903.337	43.71	54.0	10.29	AV	260.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.970	42.96	74.0	31.04	Peak	286.00	100	Vertical	Pass
1**	1600.970	26.07	54.0	27.93	AV	286.00	100	Vertical	Pass
2	2226.315	40.75	74.0	33.25	Peak	36.00	400	Vertical	Pass
2**	2226.315	33.43	54.0	20.57	AV	36.00	400	Vertical	Pass
3	4256.135	45.56	74.0	28.44	Peak	23.00	200	Vertical	Pass
3**	4256.135	36.88	54.0	17.12	AV	23.00	200	Vertical	Pass
4	7708.091	56.65	74.0	17.35	Peak	93.00	300	Vertical	Pass
4**	7708.091	43.81	54.0	10.19	AV	93.00	300	Vertical	Pass
5	12496.360	56.48	74.0	17.52	Peak	144.00	100	Vertical	Pass
5**	12496.360	40.23	54.0	13.77	AV	144.00	100	Vertical	Pass
6	15673.769	54.32	74.0	19.68	Peak	271.00	100	Vertical	Pass
6**	15673.769	40.58	54.0	13.42	AV	271.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.147	35.64	74.0	38.36	Peak	122.00	300	Horizontal	Pass
1**	1526.147	27.21	54.0	26.79	AV	122.00	300	Horizontal	Pass
2	2277.163	42.49	74.0	31.51	Peak	59.00	100	Horizontal	Pass
2**	2277.163	34.39	54.0	19.61	AV	59.00	100	Horizontal	Pass
3	4047.951	47.94	74.0	26.06	Peak	237.00	200	Horizontal	Pass
3**	4047.951	38.13	54.0	15.87	AV	237.00	200	Horizontal	Pass
4	7621.621	53.62	74.0	20.38	Peak	225.00	300	Horizontal	Pass
4**	7621.621	41.76	54.0	12.24	AV	225.00	300	Horizontal	Pass
5	12455.394	51.71	74.0	22.29	Peak	291.00	200	Horizontal	Pass
5**	12455.394	44.41	54.0	9.59	AV	291.00	200	Horizontal	Pass
6	15902.840	54.58	74.0	19.42	Peak	39.00	200	Horizontal	Pass
6**	15902.840	42.17	54.0	11.83	AV	39.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.190	42.10	74.0	31.90	Peak	190.00	200	Vertical	Pass
1**	1595.190	24.65	54.0	29.35	AV	190.00	200	Vertical	Pass
2	2226.894	40.78	74.0	33.22	Peak	273.00	100	Vertical	Pass
2**	2226.894	31.48	54.0	22.52	AV	273.00	100	Vertical	Pass
3	4261.581	47.53	74.0	26.47	Peak	224.00	200	Vertical	Pass
3**	4261.581	40.36	54.0	13.64	AV	224.00	200	Vertical	Pass
4	7710.073	53.12	74.0	20.88	Peak	136.00	300	Vertical	Pass
4**	7710.073	41.25	54.0	12.75	AV	136.00	300	Vertical	Pass
5	12497.228	51.21	74.0	22.79	Peak	122.00	400	Vertical	Pass
5**	12497.228	45.92	54.0	8.08	AV	122.00	400	Vertical	Pass
6	15670.767	54.24	74.0	19.76	Peak	81.00	400	Vertical	Pass
6**	15670.767	39.88	54.0	14.12	AV	81.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.644	39.82	74.0	34.18	Peak	343.00	100	Horizontal	Pass
1**	1527.644	30.76	54.0	23.24	AV	343.00	100	Horizontal	Pass
2	2274.468	41.24	74.0	32.76	Peak	240.00	400	Horizontal	Pass
2**	2274.468	32.89	54.0	21.11	AV	240.00	400	Horizontal	Pass
3	4048.638	45.30	74.0	28.70	Peak	183.00	200	Horizontal	Pass
3**	4048.638	39.66	54.0	14.34	AV	183.00	200	Horizontal	Pass
4	7620.056	50.55	74.0	23.45	Peak	167.00	200	Horizontal	Pass
4**	7620.056	43.13	54.0	10.87	AV	167.00	200	Horizontal	Pass
5	12453.185	52.16	74.0	21.84	Peak	142.00	400	Horizontal	Pass
5**	12453.185	42.27	54.0	11.73	AV	142.00	400	Horizontal	Pass
6	15900.600	54.72	74.0	19.28	Peak	11.00	300	Horizontal	Pass
6**	15900.600	46.14	54.0	7.86	AV	11.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.003	41.76	74.0	32.24	Peak	72.00	100	Vertical	Pass
1**	1596.003	25.68	54.0	28.32	AV	72.00	100	Vertical	Pass
2	2227.857	42.75	74.0	31.25	Peak	310.00	400	Vertical	Pass
2**	2227.857	33.61	54.0	20.39	AV	310.00	400	Vertical	Pass
3	4255.680	49.20	74.0	24.80	Peak	263.00	200	Vertical	Pass
3**	4255.680	40.04	54.0	13.96	AV	263.00	200	Vertical	Pass
4	7705.489	57.44	74.0	16.56	Peak	218.00	400	Vertical	Pass
4**	7705.489	44.46	54.0	9.54	AV	218.00	400	Vertical	Pass
5	12501.414	55.48	74.0	18.52	Peak	203.00	300	Vertical	Pass
5**	12501.414	45.61	54.0	8.39	AV	203.00	300	Vertical	Pass
6	15676.070	53.58	74.0	20.42	Peak	282.00	300	Vertical	Pass
6**	15676.070	44.26	54.0	9.74	AV	282.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.144	36.20	74.0	37.80	Peak	229.00	100	Horizontal	Pass
1**	1522.144	27.07	54.0	26.93	AV	229.00	100	Horizontal	Pass
2	2275.236	45.51	74.0	28.49	Peak	237.00	400	Horizontal	Pass
2**	2275.236	33.66	54.0	20.34	AV	237.00	400	Horizontal	Pass
3	4048.870	48.70	74.0	25.30	Peak	241.00	200	Horizontal	Pass
3**	4048.870	36.46	54.0	17.54	AV	241.00	200	Horizontal	Pass
4	7621.231	53.41	74.0	20.59	Peak	248.00	100	Horizontal	Pass
4**	7621.231	41.07	54.0	12.93	AV	248.00	100	Horizontal	Pass
5	12457.358	55.38	74.0	18.62	Peak	90.00	300	Horizontal	Pass
5**	12457.358	44.63	54.0	9.37	AV	90.00	300	Horizontal	Pass
6	15900.378	51.14	74.0	22.86	Peak	125.00	300	Horizontal	Pass
6**	15900.378	41.92	54.0	12.08	AV	125.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.833	39.08	74.0	34.92	Peak	322.00	300	Vertical	Pass
1**	1600.833	25.31	54.0	28.69	AV	322.00	300	Vertical	Pass
2	2225.610	40.84	74.0	33.16	Peak	298.00	400	Vertical	Pass
2**	2225.610	31.29	54.0	22.71	AV	298.00	400	Vertical	Pass
3	4255.989	49.91	74.0	24.09	Peak	324.00	200	Vertical	Pass
3**	4255.989	37.93	54.0	16.07	AV	324.00	200	Vertical	Pass
4	7708.453	56.96	74.0	17.04	Peak	305.00	100	Vertical	Pass
4**	7708.453	44.13	54.0	9.87	AV	305.00	100	Vertical	Pass
5	12500.984	53.25	74.0	20.75	Peak	66.00	400	Vertical	Pass
5**	12500.984	46.00	54.0	8.00	AV	66.00	400	Vertical	Pass
6	15670.263	53.94	74.0	20.06	Peak	188.00	100	Vertical	Pass
6**	15670.263	44.01	54.0	9.99	AV	188.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.581	39.21	74.0	34.79	Peak	228.00	300	Horizontal	Pass
1**	1525.581	28.36	54.0	25.64	AV	228.00	300	Horizontal	Pass
2	2275.096	41.00	74.0	33.00	Peak	288.00	300	Horizontal	Pass
2**	2275.096	36.37	54.0	17.63	AV	288.00	300	Horizontal	Pass
3	4045.865	45.81	74.0	28.19	Peak	312.00	200	Horizontal	Pass
3**	4045.865	34.75	54.0	19.25	AV	312.00	200	Horizontal	Pass
4	7623.901	54.75	74.0	19.25	Peak	317.00	200	Horizontal	Pass
4**	7623.901	43.04	54.0	10.96	AV	317.00	200	Horizontal	Pass
5	12453.041	51.99	74.0	22.01	Peak	139.00	400	Horizontal	Pass
5**	12453.041	47.36	54.0	6.64	AV	139.00	400	Horizontal	Pass
6	15904.094	54.69	74.0	19.31	Peak	340.00	300	Horizontal	Pass
6**	15904.094	45.44	54.0	8.56	AV	340.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.594	40.01	74.0	33.99	Peak	340.00	400	Vertical	Pass
1**	1594.594	23.98	54.0	30.02	AV	340.00	400	Vertical	Pass
2	2231.354	40.57	74.0	33.43	Peak	77.00	200	Vertical	Pass
2**	2231.354	34.25	54.0	19.75	AV	77.00	200	Vertical	Pass
3	4256.855	49.70	74.0	24.30	Peak	271.00	200	Vertical	Pass
3**	4256.855	37.00	54.0	17.00	AV	271.00	200	Vertical	Pass
4	7706.410	57.37	74.0	16.63	Peak	257.00	200	Vertical	Pass
4**	7706.410	42.01	54.0	11.99	AV	257.00	200	Vertical	Pass
5	12500.660	51.41	74.0	22.59	Peak	80.00	400	Vertical	Pass
5**	12500.660	43.10	54.0	10.90	AV	80.00	400	Vertical	Pass
6	15671.930	53.48	74.0	20.52	Peak	214.00	300	Vertical	Pass
6**	15671.930	43.95	54.0	10.05	AV	214.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.928	36.53	74.0	37.47	Peak	139.00	100	Horizontal	Pass
1**	1523.928	26.05	54.0	27.95	AV	139.00	100	Horizontal	Pass
2	2275.340	46.70	74.0	27.30	Peak	325.00	400	Horizontal	Pass
2**	2275.340	33.85	54.0	20.15	AV	325.00	400	Horizontal	Pass
3	4043.158	45.42	74.0	28.58	Peak	181.00	200	Horizontal	Pass
3**	4043.158	39.39	54.0	14.61	AV	181.00	200	Horizontal	Pass
4	7620.849	50.24	74.0	23.76	Peak	360.00	100	Horizontal	Pass
4**	7620.849	46.23	54.0	7.77	AV	360.00	100	Horizontal	Pass
5	12458.368	53.54	74.0	20.46	Peak	184.00	400	Horizontal	Pass
5**	12458.368	45.44	54.0	8.56	AV	184.00	400	Horizontal	Pass
6	15904.189	55.67	74.0	18.33	Peak	188.00	100	Horizontal	Pass
6**	15904.189	41.74	54.0	12.26	AV	188.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.118	38.26	74.0	35.74	Peak	100.00	300	Vertical	Pass
1**	1598.118	23.97	54.0	30.03	AV	100.00	300	Vertical	Pass
2	2226.694	39.75	74.0	34.25	Peak	129.00	200	Vertical	Pass
2**	2226.694	32.10	54.0	21.90	AV	129.00	200	Vertical	Pass
3	4257.223	49.21	74.0	24.79	Peak	62.00	200	Vertical	Pass
3**	4257.223	36.89	54.0	17.11	AV	62.00	200	Vertical	Pass
4	7709.678	52.64	74.0	21.36	Peak	234.00	400	Vertical	Pass
4**	7709.678	40.40	54.0	13.60	AV	234.00	400	Vertical	Pass
5	12497.565	52.73	74.0	21.27	Peak	105.00	400	Vertical	Pass
5**	12497.565	43.93	54.0	10.07	AV	105.00	400	Vertical	Pass
6	15671.490	55.61	74.0	18.39	Peak	172.00	400	Vertical	Pass
6**	15671.490	39.91	54.0	14.09	AV	172.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.175	36.18	74.0	37.82	Peak	229.00	100	Horizontal	Pass
1**	1524.175	28.17	54.0	25.83	AV	229.00	100	Horizontal	Pass
2	2275.998	42.79	74.0	31.21	Peak	309.00	200	Horizontal	Pass
2**	2275.998	35.00	54.0	19.00	AV	309.00	200	Horizontal	Pass
3	4049.082	45.04	74.0	28.96	Peak	310.00	200	Horizontal	Pass
3**	4049.082	40.19	54.0	13.81	AV	310.00	200	Horizontal	Pass
4	7618.969	54.31	74.0	19.69	Peak	163.00	300	Horizontal	Pass
4**	7618.969	44.53	54.0	9.47	AV	163.00	300	Horizontal	Pass
5	12458.036	50.68	74.0	23.32	Peak	246.00	300	Horizontal	Pass
5**	12458.036	43.72	54.0	10.28	AV	246.00	300	Horizontal	Pass
6	15907.584	53.46	74.0	20.54	Peak	339.00	300	Horizontal	Pass
6**	15907.584	44.29	54.0	9.71	AV	339.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.560	40.55	74.0	33.45	Peak	312.00	400	Vertical	Pass
1**	1600.560	26.58	54.0	27.42	AV	312.00	400	Vertical	Pass
2	2223.727	42.79	74.0	31.21	Peak	211.00	300	Vertical	Pass
2**	2223.727	30.88	54.0	23.12	AV	211.00	300	Vertical	Pass
3	4259.988	50.34	74.0	23.66	Peak	50.00	200	Vertical	Pass
3**	4259.988	38.65	54.0	15.35	AV	50.00	200	Vertical	Pass
4	7706.224	58.50	74.0	15.50	Peak	201.00	400	Vertical	Pass
4**	7706.224	40.93	54.0	13.07	AV	201.00	400	Vertical	Pass
5	12498.068	52.18	74.0	21.82	Peak	119.00	100	Vertical	Pass
5**	12498.068	45.00	54.0	9.00	AV	119.00	100	Vertical	Pass
6	15670.663	56.25	74.0	17.75	Peak	24.00	200	Vertical	Pass
6**	15670.663	44.75	54.0	9.25	AV	24.00	200	Vertical	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.812	38.99	74.0	35.01	Peak	194.00	400	Horizontal	Pass
1**	1520.812	26.16	54.0	27.84	AV	194.00	400	Horizontal	Pass
2	2274.965	46.03	74.0	27.97	Peak	244.00	100	Horizontal	Pass
2**	2274.965	32.53	54.0	21.47	AV	244.00	100	Horizontal	Pass
3	4043.151	46.63	74.0	27.37	Peak	10.00	200	Horizontal	Pass
3**	4043.151	38.91	54.0	15.09	AV	10.00	200	Horizontal	Pass
4	7623.230	51.69	74.0	22.31	Peak	44.00	100	Horizontal	Pass
4**	7623.230	40.86	54.0	13.14	AV	44.00	100	Horizontal	Pass
5	12452.359	52.20	74.0	21.80	Peak	165.00	400	Horizontal	Pass
5**	12452.359	47.20	54.0	6.80	AV	165.00	400	Horizontal	Pass
6	15904.662	53.29	74.0	20.71	Peak	265.00	300	Horizontal	Pass
6**	15904.662	42.57	54.0	11.43	AV	265.00	300	Horizontal	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.257	39.99	74.0	34.01	Peak	68.00	300	Vertical	Pass
1**	1600.257	28.52	54.0	25.48	AV	68.00	300	Vertical	Pass
2	2226.070	41.48	74.0	32.52	Peak	4.00	400	Vertical	Pass
2**	2226.070	30.27	54.0	23.73	AV	4.00	400	Vertical	Pass
3	4254.946	48.93	74.0	25.07	Peak	157.00	200	Vertical	Pass
3**	4254.946	35.31	54.0	18.69	AV	157.00	200	Vertical	Pass
4	7707.897	57.08	74.0	16.92	Peak	292.00	300	Vertical	Pass
4**	7707.897	42.66	54.0	11.34	AV	292.00	300	Vertical	Pass
5	12498.332	52.72	74.0	21.28	Peak	19.00	200	Vertical	Pass
5**	12498.332	42.55	54.0	11.45	AV	19.00	200	Vertical	Pass
6	15674.194	53.14	74.0	20.86	Peak	70.00	400	Vertical	Pass
6**	15674.194	39.92	54.0	14.08	AV	70.00	400	Vertical	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.667	40.05	74.0	33.95	Peak	81.00	100	Horizontal	Pass
1**	1523.667	25.95	54.0	28.05	AV	81.00	100	Horizontal	Pass
2	2278.712	43.08	74.0	30.92	Peak	339.00	400	Horizontal	Pass
2**	2278.712	32.78	54.0	21.22	AV	339.00	400	Horizontal	Pass
3	4046.863	45.39	74.0	28.61	Peak	286.00	200	Horizontal	Pass
3**	4046.863	36.52	54.0	17.48	AV	286.00	200	Horizontal	Pass
4	7621.684	51.24	74.0	22.76	Peak	208.00	200	Horizontal	Pass
4**	7621.684	42.54	54.0	11.46	AV	208.00	200	Horizontal	Pass
5	12456.329	50.04	74.0	23.96	Peak	273.00	100	Horizontal	Pass
5**	12456.329	43.72	54.0	10.28	AV	273.00	100	Horizontal	Pass
6	15902.237	51.40	74.0	22.60	Peak	130.00	300	Horizontal	Pass
6**	15902.237	42.37	54.0	11.63	AV	130.00	300	Horizontal	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.107	38.58	74.0	35.42	Peak	154.00	200	Vertical	Pass
1**	1596.107	26.38	54.0	27.62	AV	154.00	200	Vertical	Pass
2	2225.766	41.53	74.0	32.47	Peak	1.00	100	Vertical	Pass
2**	2225.766	32.32	54.0	21.68	AV	1.00	100	Vertical	Pass
3	4261.729	49.15	74.0	24.85	Peak	198.00	200	Vertical	Pass
3**	4261.729	37.51	54.0	16.49	AV	198.00	200	Vertical	Pass
4	7704.729	53.91	74.0	20.09	Peak	112.00	200	Vertical	Pass
4**	7704.729	42.94	54.0	11.06	AV	112.00	200	Vertical	Pass
5	12497.665	52.85	74.0	21.15	Peak	209.00	400	Vertical	Pass
5**	12497.665	44.69	54.0	9.31	AV	209.00	400	Vertical	Pass
6	15669.127	54.80	74.0	19.20	Peak	7.00	400	Vertical	Pass
6**	15669.127	45.03	54.0	8.97	AV	7.00	400	Vertical	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.253	39.75	74.0	34.25	Peak	141.00	200	Horizontal	Pass
1**	1526.253	26.75	54.0	27.25	AV	141.00	200	Horizontal	Pass
2	2274.543	41.19	74.0	32.81	Peak	239.00	200	Horizontal	Pass
2**	2274.543	36.70	54.0	17.30	AV	239.00	200	Horizontal	Pass
3	4046.272	47.18	74.0	26.82	Peak	196.00	200	Horizontal	Pass
3**	4046.272	34.76	54.0	19.24	AV	196.00	200	Horizontal	Pass
4	7618.244	50.57	74.0	23.43	Peak	61.00	200	Horizontal	Pass
4**	7618.244	44.60	54.0	9.40	AV	61.00	200	Horizontal	Pass
5	12457.740	50.78	74.0	23.22	Peak	336.00	100	Horizontal	Pass
5**	12457.740	43.98	54.0	10.02	AV	336.00	100	Horizontal	Pass
6	15901.287	51.54	74.0	22.46	Peak	142.00	100	Horizontal	Pass
6**	15901.287	41.87	54.0	12.13	AV	142.00	100	Horizontal	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.857	37.48	74.0	36.52	Peak	343.00	400	Vertical	Pass
1**	1598.857	23.65	54.0	30.35	AV	343.00	400	Vertical	Pass
2	2224.783	39.22	74.0	34.78	Peak	223.00	100	Vertical	Pass
2**	2224.783	33.56	54.0	20.44	AV	223.00	100	Vertical	Pass
3	4261.228	48.97	74.0	25.03	Peak	58.00	200	Vertical	Pass
3**	4261.228	38.81	54.0	15.19	AV	58.00	200	Vertical	Pass
4	7707.929	57.16	74.0	16.84	Peak	339.00	200	Vertical	Pass
4**	7707.929	41.56	54.0	12.44	AV	339.00	200	Vertical	Pass
5	12499.151	55.71	74.0	18.29	Peak	3.00	200	Vertical	Pass
5**	12499.151	44.20	54.0	9.80	AV	3.00	200	Vertical	Pass
6	15675.651	56.39	74.0	17.61	Peak	336.00	400	Vertical	Pass
6**	15675.651	42.68	54.0	11.32	AV	336.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.472	35.67	74.0	38.33	Peak	117.00	300	Horizontal	Pass
1**	1524.472	32.02	54.0	21.98	AV	117.00	300	Horizontal	Pass
2	4016.751	47.06	74.0	26.94	Peak	192.00	100	Horizontal	Pass
2**	4016.751	36.71	54.0	17.29	AV	192.00	100	Horizontal	Pass
3	7596.574	51.82	74.0	22.18	Peak	112.00	200	Horizontal	Pass
3**	7596.574	41.88	54.0	12.12	AV	112.00	200	Horizontal	Pass
4	12455.836	52.36	74.0	21.64	Peak	134.00	400	Horizontal	Pass
4**	12455.836	46.75	54.0	7.25	AV	134.00	400	Horizontal	Pass
5	16094.704	52.82	74.0	21.18	Peak	10.00	200	Horizontal	Pass
5**	16094.704	45.94	54.0	8.06	AV	10.00	200	Horizontal	Pass
6	17417.276	55.16	74.0	18.84	Peak	42.00	100	Horizontal	Pass
6**	17417.276	47.77	54.0	6.23	AV	42.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1337.027	46.90	74.0	27.10	Peak	231.00	200	Vertical	Pass
1**	1337.027	31.48	54.0	22.52	AV	231.00	200	Vertical	Pass
2	1443.504	43.13	74.0	30.87	Peak	338.00	200	Vertical	Pass
2**	1443.504	34.42	54.0	19.58	AV	338.00	200	Vertical	Pass
3	4309.985	45.36	74.0	28.64	Peak	222.00	200	Vertical	Pass
3**	4309.985	39.92	54.0	14.08	AV	222.00	200	Vertical	Pass
4	7590.534	54.72	74.0	19.28	Peak	99.00	300	Vertical	Pass
4**	7590.534	41.14	54.0	12.86	AV	99.00	300	Vertical	Pass
5	12531.785	50.88	74.0	23.12	Peak	281.00	300	Vertical	Pass
5**	12531.785	40.82	54.0	13.18	AV	281.00	300	Vertical	Pass
6	15902.983	54.86	74.0	19.14	Peak	355.00	200	Vertical	Pass
6**	15902.983	42.62	54.0	11.38	AV	355.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.468	40.70	74.0	33.30	Peak	152.00	100	Horizontal	Pass
1**	1521.468	31.83	54.0	22.17	AV	152.00	100	Horizontal	Pass
2	4020.482	48.44	74.0	25.56	Peak	284.00	400	Horizontal	Pass
2**	4020.482	35.92	54.0	18.08	AV	284.00	400	Horizontal	Pass
3	7601.682	54.48	74.0	19.52	Peak	129.00	200	Horizontal	Pass
3**	7601.682	42.35	54.0	11.65	AV	129.00	200	Horizontal	Pass
4	12452.524	53.47	74.0	20.53	Peak	150.00	100	Horizontal	Pass
4**	12452.524	42.59	54.0	11.41	AV	150.00	100	Horizontal	Pass
5	16095.295	50.83	74.0	23.17	Peak	192.00	200	Horizontal	Pass
5**	16095.295	45.69	54.0	8.31	AV	192.00	200	Horizontal	Pass
6	17423.242	58.80	74.0	15.20	Peak	298.00	200	Horizontal	Pass
6**	17423.242	49.56	54.0	4.44	AV	298.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.899	42.07	74.0	31.93	Peak	218.00	200	Vertical	Pass
1**	1336.899	35.50	54.0	18.50	AV	218.00	200	Vertical	Pass
2	1440.901	43.11	74.0	30.89	Peak	3.00	300	Vertical	Pass
2**	1440.901	34.21	54.0	19.79	AV	3.00	300	Vertical	Pass
3	4307.568	44.92	74.0	29.08	Peak	353.00	200	Vertical	Pass
3**	4307.568	37.40	54.0	16.60	AV	353.00	200	Vertical	Pass
4	7591.142	54.36	74.0	19.64	Peak	216.00	100	Vertical	Pass
4**	7591.142	44.51	54.0	9.49	AV	216.00	100	Vertical	Pass
5	12538.657	51.68	74.0	22.32	Peak	337.00	200	Vertical	Pass
5**	12538.657	46.29	54.0	7.71	AV	337.00	200	Vertical	Pass
6	15909.913	56.99	74.0	17.01	Peak	290.00	200	Vertical	Pass
6**	15909.913	46.64	54.0	7.36	AV	290.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.910	38.87	74.0	35.13	Peak	18.00	100	Horizontal	Pass
1**	1522.910	30.26	54.0	23.74	AV	18.00	100	Horizontal	Pass
2	4021.656	47.79	74.0	26.21	Peak	69.00	100	Horizontal	Pass
2**	4021.656	34.96	54.0	19.04	AV	69.00	100	Horizontal	Pass
3	7599.412	54.06	74.0	19.94	Peak	228.00	200	Horizontal	Pass
3**	7599.412	42.21	54.0	11.79	AV	228.00	200	Horizontal	Pass
4	12455.169	55.86	74.0	18.14	Peak	40.00	100	Horizontal	Pass
4**	12455.169	47.17	54.0	6.83	AV	40.00	100	Horizontal	Pass
5	16096.750	53.49	74.0	20.51	Peak	265.00	300	Horizontal	Pass
5**	16096.750	46.60	54.0	7.40	AV	265.00	300	Horizontal	Pass
6	17420.839	53.10	74.0	20.90	Peak	62.00	300	Horizontal	Pass
6**	17420.839	47.74	54.0	6.26	AV	62.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.864	47.27	74.0	26.73	Peak	255.00	400	Vertical	Pass
1**	1336.864	32.21	54.0	21.79	AV	255.00	400	Vertical	Pass
2	1439.264	41.24	74.0	32.76	Peak	19.00	400	Vertical	Pass
2**	1439.264	38.84	54.0	15.16	AV	19.00	400	Vertical	Pass
3	4311.945	47.64	74.0	26.36	Peak	90.00	200	Vertical	Pass
3**	4311.945	36.91	54.0	17.09	AV	90.00	200	Vertical	Pass
4	7592.846	53.27	74.0	20.73	Peak	182.00	200	Vertical	Pass
4**	7592.846	44.89	54.0	9.11	AV	182.00	200	Vertical	Pass
5	12533.540	51.21	74.0	22.79	Peak	113.00	400	Vertical	Pass
5**	12533.540	41.12	54.0	12.88	AV	113.00	400	Vertical	Pass
6	15910.502	54.55	74.0	19.45	Peak	80.00	200	Vertical	Pass
6**	15910.502	43.34	54.0	10.66	AV	80.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.513	40.63	74.0	33.37	Peak	64.00	400	Horizontal	Pass
1**	1521.513	29.99	54.0	24.01	AV	64.00	400	Horizontal	Pass
2	4018.948	45.84	74.0	28.16	Peak	296.00	400	Horizontal	Pass
2**	4018.948	34.98	54.0	19.02	AV	296.00	400	Horizontal	Pass
3	7594.847	54.10	74.0	19.90	Peak	347.00	200	Horizontal	Pass
3**	7594.847	46.34	54.0	7.66	AV	347.00	200	Horizontal	Pass
4	12451.748	53.77	74.0	20.23	Peak	63.00	400	Horizontal	Pass
4**	12451.748	47.04	54.0	6.96	AV	63.00	400	Horizontal	Pass
5	16096.851	55.73	74.0	18.27	Peak	137.00	400	Horizontal	Pass
5**	16096.851	46.66	54.0	7.34	AV	137.00	400	Horizontal	Pass
6	17418.932	53.25	74.0	20.75	Peak	309.00	300	Horizontal	Pass
6**	17418.932	49.30	54.0	4.70	AV	309.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.372	41.96	74.0	32.04	Peak	171.00	400	Vertical	Pass
1**	1334.372	35.14	54.0	18.86	AV	171.00	400	Vertical	Pass
2	1443.417	40.97	74.0	33.03	Peak	187.00	200	Vertical	Pass
2**	1443.417	38.82	54.0	15.18	AV	187.00	200	Vertical	Pass
3	4315.090	46.81	74.0	27.19	Peak	313.00	200	Vertical	Pass
3**	4315.090	40.15	54.0	13.85	AV	313.00	200	Vertical	Pass
4	7592.149	53.68	74.0	20.32	Peak	238.00	100	Vertical	Pass
4**	7592.149	45.64	54.0	8.36	AV	238.00	100	Vertical	Pass
5	12531.374	51.29	74.0	22.71	Peak	116.00	400	Vertical	Pass
5**	12531.374	46.66	54.0	7.34	AV	116.00	400	Vertical	Pass
6	15908.553	54.85	74.0	19.15	Peak	225.00	400	Vertical	Pass
6**	15908.553	48.03	54.0	5.97	AV	225.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1519.121	37.00	74.0	37.00	Peak	283.00	400	Horizontal	Pass
1**	1519.121	32.35	54.0	21.65	AV	283.00	400	Horizontal	Pass
2	4018.597	49.82	74.0	24.18	Peak	173.00	200	Horizontal	Pass
2**	4018.597	37.06	54.0	16.94	AV	173.00	200	Horizontal	Pass
3	7596.105	51.29	74.0	22.71	Peak	243.00	200	Horizontal	Pass
3**	7596.105	42.24	54.0	11.76	AV	243.00	200	Horizontal	Pass
4	12453.877	52.78	74.0	21.22	Peak	355.00	400	Horizontal	Pass
4**	12453.877	44.63	54.0	9.37	AV	355.00	400	Horizontal	Pass
5	16094.408	54.08	74.0	19.92	Peak	126.00	100	Horizontal	Pass
5**	16094.408	41.95	54.0	12.05	AV	126.00	100	Horizontal	Pass
6	17422.706	58.86	74.0	15.14	Peak	251.00	100	Horizontal	Pass
6**	17422.706	47.21	54.0	6.79	AV	251.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.709	44.62	74.0	29.38	Peak	265.00	400	Vertical	Pass
1**	1331.709	33.07	54.0	20.93	AV	265.00	400	Vertical	Pass
2	1443.700	43.44	74.0	30.56	Peak	259.00	200	Vertical	Pass
2**	1443.700	34.27	54.0	19.73	AV	259.00	200	Vertical	Pass
3	4312.403	45.17	74.0	28.83	Peak	227.00	200	Vertical	Pass
3**	4312.403	35.81	54.0	18.19	AV	227.00	200	Vertical	Pass
4	7591.918	55.01	74.0	18.99	Peak	295.00	400	Vertical	Pass
4**	7591.918	42.57	54.0	11.43	AV	295.00	400	Vertical	Pass
5	12537.513	54.25	74.0	19.75	Peak	49.00	400	Vertical	Pass
5**	12537.513	42.82	54.0	11.18	AV	49.00	400	Vertical	Pass
6	15905.548	54.81	74.0	19.19	Peak	259.00	200	Vertical	Pass
6**	15905.548	47.97	54.0	6.03	AV	259.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1519.831	39.15	74.0	34.85	Peak	332.00	200	Horizontal	Pass
1**	1519.831	30.16	54.0	23.84	AV	332.00	200	Horizontal	Pass
2	4022.760	50.16	74.0	23.84	Peak	321.00	300	Horizontal	Pass
2**	4022.760	37.87	54.0	16.13	AV	321.00	300	Horizontal	Pass
3	7596.946	51.24	74.0	22.76	Peak	224.00	200	Horizontal	Pass
3**	7596.946	41.91	54.0	12.09	AV	224.00	200	Horizontal	Pass
4	12457.399	53.29	74.0	20.71	Peak	236.00	100	Horizontal	Pass
4**	12457.399	42.45	54.0	11.55	AV	236.00	100	Horizontal	Pass
5	16097.750	52.52	74.0	21.48	Peak	345.00	100	Horizontal	Pass
5**	16097.750	42.29	54.0	11.71	AV	345.00	100	Horizontal	Pass
6	17423.545	58.56	74.0	15.44	Peak	195.00	300	Horizontal	Pass
6**	17423.545	48.37	54.0	5.63	AV	195.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.584	42.13	74.0	31.87	Peak	328.00	100	Vertical	Pass
1**	1334.584	31.93	54.0	22.07	AV	328.00	100	Vertical	Pass
2	1436.410	42.83	74.0	31.17	Peak	230.00	100	Vertical	Pass
2**	1436.410	39.40	54.0	14.60	AV	230.00	100	Vertical	Pass
3	4315.192	45.61	74.0	28.39	Peak	354.00	200	Vertical	Pass
3**	4315.192	35.51	54.0	18.49	AV	354.00	200	Vertical	Pass
4	7596.779	50.21	74.0	23.79	Peak	82.00	400	Vertical	Pass
4**	7596.779	46.12	54.0	7.88	AV	82.00	400	Vertical	Pass
5	12538.143	55.39	74.0	18.61	Peak	351.00	200	Vertical	Pass
5**	12538.143	46.65	54.0	7.35	AV	351.00	200	Vertical	Pass
6	15904.668	55.94	74.0	18.06	Peak	341.00	100	Vertical	Pass
6**	15904.668	44.98	54.0	9.02	AV	341.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.476	39.18	74.0	34.82	Peak	235.00	200	Horizontal	Pass
1**	1522.476	26.92	54.0	27.08	AV	235.00	200	Horizontal	Pass
2	4016.598	48.00	74.0	26.00	Peak	18.00	100	Horizontal	Pass
2**	4016.598	35.87	54.0	18.13	AV	18.00	100	Horizontal	Pass
3	7595.576	50.40	74.0	23.60	Peak	312.00	200	Horizontal	Pass
3**	7595.576	43.08	54.0	10.92	AV	312.00	200	Horizontal	Pass
4	12454.724	55.58	74.0	18.42	Peak	139.00	100	Horizontal	Pass
4**	12454.724	44.83	54.0	9.17	AV	139.00	100	Horizontal	Pass
5	16091.472	54.30	74.0	19.70	Peak	339.00	400	Horizontal	Pass
5**	16091.472	41.82	54.0	12.18	AV	339.00	400	Horizontal	Pass
6	17417.383	55.55	74.0	18.45	Peak	239.00	400	Horizontal	Pass
6**	17417.383	44.39	54.0	9.61	AV	239.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.557	42.74	74.0	31.26	Peak	159.00	200	Vertical	Pass
1**	1330.557	32.55	54.0	21.45	AV	159.00	200	Vertical	Pass
2	1443.985	44.00	74.0	30.00	Peak	287.00	100	Vertical	Pass
2**	1443.985	35.70	54.0	18.30	AV	287.00	100	Vertical	Pass
3	4314.710	49.23	74.0	24.77	Peak	300.00	200	Vertical	Pass
3**	4314.710	41.15	54.0	12.85	AV	300.00	200	Vertical	Pass
4	7596.303	51.57	74.0	22.43	Peak	189.00	400	Vertical	Pass
4**	7596.303	45.06	54.0	8.94	AV	189.00	400	Vertical	Pass
5	12531.306	53.74	74.0	20.26	Peak	346.00	200	Vertical	Pass
5**	12531.306	43.73	54.0	10.27	AV	346.00	200	Vertical	Pass
6	15910.129	51.68	74.0	22.32	Peak	338.00	100	Vertical	Pass
6**	15910.129	48.09	54.0	5.91	AV	338.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.896	40.74	74.0	33.26	Peak	167.00	400	Horizontal	Pass
1**	1522.896	30.56	54.0	23.44	AV	167.00	400	Horizontal	Pass
2	4018.850	45.31	74.0	28.69	Peak	27.00	400	Horizontal	Pass
2**	4018.850	34.09	54.0	19.91	AV	27.00	400	Horizontal	Pass
3	7594.748	51.33	74.0	22.67	Peak	65.00	200	Horizontal	Pass
3**	7594.748	42.85	54.0	11.15	AV	65.00	200	Horizontal	Pass
4	12457.811	55.65	74.0	18.35	Peak	48.00	200	Horizontal	Pass
4**	12457.811	45.95	54.0	8.05	AV	48.00	200	Horizontal	Pass
5	16097.663	55.54	74.0	18.46	Peak	246.00	200	Horizontal	Pass
5**	16097.663	42.83	54.0	11.17	AV	246.00	200	Horizontal	Pass
6	17423.554	56.42	74.0	17.58	Peak	197.00	200	Horizontal	Pass
6**	17423.554	48.12	54.0	5.88	AV	197.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.176	46.06	74.0	27.94	Peak	137.00	400	Vertical	Pass
1**	1331.176	32.55	54.0	21.45	AV	137.00	400	Vertical	Pass
2	1444.033	41.59	74.0	32.41	Peak	58.00	100	Vertical	Pass
2**	1444.033	39.38	54.0	14.62	AV	58.00	100	Vertical	Pass
3	4309.176	49.58	74.0	24.42	Peak	92.00	200	Vertical	Pass
3**	4309.176	41.24	54.0	12.76	AV	92.00	200	Vertical	Pass
4	7596.707	54.84	74.0	19.16	Peak	117.00	100	Vertical	Pass
4**	7596.707	46.61	54.0	7.39	AV	117.00	100	Vertical	Pass
5	12538.263	54.01	74.0	19.99	Peak	59.00	200	Vertical	Pass
5**	12538.263	41.90	54.0	12.10	AV	59.00	200	Vertical	Pass
6	15905.180	56.20	74.0	17.80	Peak	173.00	400	Vertical	Pass
6**	15905.180	42.67	54.0	11.33	AV	173.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.522	35.25	74.0	38.75	Peak	24.00	400	Horizontal	Pass
1**	1523.522	32.57	54.0	21.43	AV	24.00	400	Horizontal	Pass
2	4022.426	44.71	74.0	29.29	Peak	251.00	300	Horizontal	Pass
2**	4022.426	38.72	54.0	15.28	AV	251.00	300	Horizontal	Pass
3	7596.135	55.31	74.0	18.69	Peak	317.00	200	Horizontal	Pass
3**	7596.135	45.41	54.0	8.59	AV	317.00	200	Horizontal	Pass
4	12457.000	50.85	74.0	23.15	Peak	264.00	400	Horizontal	Pass
4**	12457.000	43.28	54.0	10.72	AV	264.00	400	Horizontal	Pass
5	16097.841	54.39	74.0	19.61	Peak	271.00	400	Horizontal	Pass
5**	16097.841	43.80	54.0	10.20	AV	271.00	400	Horizontal	Pass
6	17418.019	57.83	74.0	16.17	Peak	99.00	200	Horizontal	Pass
6**	17418.019	47.48	54.0	6.52	AV	99.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.445	42.47	74.0	31.53	Peak	103.00	200	Vertical	Pass
1**	1332.445	35.03	54.0	18.97	AV	103.00	200	Vertical	Pass
2	1440.153	40.34	74.0	33.66	Peak	257.00	100	Vertical	Pass
2**	1440.153	34.84	54.0	19.16	AV	257.00	100	Vertical	Pass
3	4313.796	47.90	74.0	26.10	Peak	233.00	200	Vertical	Pass
3**	4313.796	38.95	54.0	15.05	AV	233.00	200	Vertical	Pass
4	7591.305	51.17	74.0	22.83	Peak	185.00	400	Vertical	Pass
4**	7591.305	46.31	54.0	7.69	AV	185.00	400	Vertical	Pass
5	12532.020	51.53	74.0	22.47	Peak	131.00	100	Vertical	Pass
5**	12532.020	43.26	54.0	10.74	AV	131.00	100	Vertical	Pass
6	15905.515	51.54	74.0	22.46	Peak	37.00	200	Vertical	Pass
6**	15905.515	44.35	54.0	9.65	AV	37.00	200	Vertical	Pass

11ax20 (SU), U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.208	41.04	74.0	32.96	Peak	264.00	100	Horizontal	Pass
1**	1517.208	30.38	54.0	23.62	AV	264.00	100	Horizontal	Pass
2	4020.216	46.84	74.0	27.16	Peak	339.00	100	Horizontal	Pass
2**	4020.216	39.11	54.0	14.89	AV	339.00	100	Horizontal	Pass
3	7601.475	53.61	74.0	20.39	Peak	56.00	200	Horizontal	Pass
3**	7601.475	41.07	54.0	12.93	AV	56.00	200	Horizontal	Pass
4	12457.247	55.58	74.0	18.42	Peak	332.00	100	Horizontal	Pass
4**	12457.247	44.83	54.0	9.17	AV	332.00	100	Horizontal	Pass
5	16095.317	50.54	74.0	23.46	Peak	273.00	300	Horizontal	Pass
5**	16095.317	47.30	54.0	6.70	AV	273.00	300	Horizontal	Pass
6	17422.180	53.87	74.0	20.13	Peak	84.00	400	Horizontal	Pass
6**	17422.180	48.58	54.0	5.42	AV	84.00	400	Horizontal	Pass

11ax20 (SU), U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.519	45.82	74.0	28.18	Peak	90.00	100	Vertical	Pass
1**	1333.519	33.42	54.0	20.58	AV	90.00	100	Vertical	Pass
2	1438.815	41.61	74.0	32.39	Peak	139.00	300	Vertical	Pass
2**	1438.815	36.27	54.0	17.73	AV	139.00	300	Vertical	Pass
3	4312.730	48.64	74.0	25.36	Peak	98.00	200	Vertical	Pass
3**	4312.730	35.88	54.0	18.12	AV	98.00	200	Vertical	Pass
4	7597.785	54.19	74.0	19.81	Peak	51.00	400	Vertical	Pass
4**	7597.785	45.96	54.0	8.04	AV	51.00	400	Vertical	Pass
5	12538.120	50.61	74.0	23.39	Peak	281.00	100	Vertical	Pass
5**	12538.120	42.92	54.0	11.08	AV	281.00	100	Vertical	Pass
6	15903.881	56.86	74.0	17.14	Peak	27.00	100	Vertical	Pass
6**	15903.881	44.24	54.0	9.76	AV	27.00	100	Vertical	Pass

11ax20 (SU), U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.682	36.78	74.0	37.22	Peak	76.00	300	Horizontal	Pass
1**	1518.682	31.88	54.0	22.12	AV	76.00	300	Horizontal	Pass
2	4019.292	46.34	74.0	27.66	Peak	332.00	300	Horizontal	Pass
2**	4019.292	36.73	54.0	17.27	AV	332.00	300	Horizontal	Pass
3	7598.549	51.13	74.0	22.87	Peak	215.00	200	Horizontal	Pass
3**	7598.549	41.16	54.0	12.84	AV	215.00	200	Horizontal	Pass
4	12454.697	56.25	74.0	17.75	Peak	19.00	100	Horizontal	Pass
4**	12454.697	42.43	54.0	11.57	AV	19.00	100	Horizontal	Pass
5	16093.820	55.84	74.0	18.16	Peak	221.00	400	Horizontal	Pass
5**	16093.820	44.91	54.0	9.09	AV	221.00	400	Horizontal	Pass
6	17419.755	54.36	74.0	19.64	Peak	178.00	200	Horizontal	Pass
6**	17419.755	48.76	54.0	5.24	AV	178.00	200	Horizontal	Pass

11ax20 (SU), U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.915	45.59	74.0	28.41	Peak	163.00	100	Vertical	Pass
1**	1334.915	32.98	54.0	21.02	AV	163.00	100	Vertical	Pass
2	1442.058	42.53	74.0	31.47	Peak	319.00	400	Vertical	Pass
2**	1442.058	34.16	54.0	19.84	AV	319.00	400	Vertical	Pass
3	4307.274	44.85	74.0	29.15	Peak	237.00	200	Vertical	Pass
3**	4307.274	37.69	54.0	16.31	AV	237.00	200	Vertical	Pass
4	7592.154	51.91	74.0	22.09	Peak	235.00	300	Vertical	Pass
4**	7592.154	41.50	54.0	12.50	AV	235.00	300	Vertical	Pass
5	12538.518	53.23	74.0	20.77	Peak	55.00	300	Vertical	Pass
5**	12538.518	43.12	54.0	10.88	AV	55.00	300	Vertical	Pass
6	15903.993	56.26	74.0	17.74	Peak	29.00	100	Vertical	Pass
6**	15903.993	44.41	54.0	9.59	AV	29.00	100	Vertical	Pass

11ax20 (SU), U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.930	39.03	74.0	34.97	Peak	197.00	100	Horizontal	Pass
1**	1521.930	31.39	54.0	22.61	AV	197.00	100	Horizontal	Pass
2	4022.252	44.32	74.0	29.68	Peak	340.00	200	Horizontal	Pass
2**	4022.252	38.89	54.0	15.11	AV	340.00	200	Horizontal	Pass
3	7600.865	55.76	74.0	18.24	Peak	91.00	200	Horizontal	Pass
3**	7600.865	43.70	54.0	10.30	AV	91.00	200	Horizontal	Pass
4	12452.374	52.07	74.0	21.93	Peak	165.00	300	Horizontal	Pass
4**	12452.374	45.34	54.0	8.66	AV	165.00	300	Horizontal	Pass
5	16094.754	54.94	74.0	19.06	Peak	264.00	300	Horizontal	Pass
5**	16094.754	43.20	54.0	10.80	AV	264.00	300	Horizontal	Pass
6	17418.977	54.88	74.0	19.12	Peak	129.00	300	Horizontal	Pass
6**	17418.977	49.96	54.0	4.04	AV	129.00	300	Horizontal	Pass

11ax20 (SU), U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

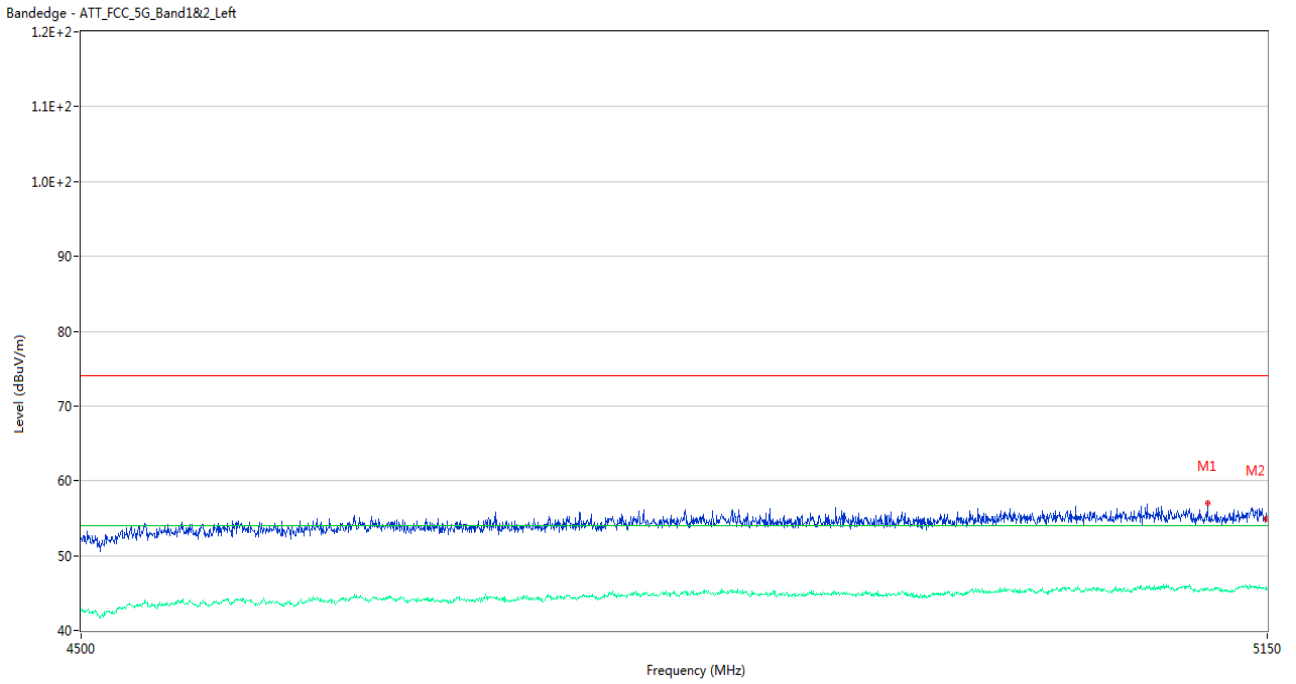
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.368	45.45	74.0	28.55	Peak	165.00	400	Vertical	Pass
1**	1330.368	31.00	54.0	23.00	AV	165.00	400	Vertical	Pass
2	1442.990	42.85	74.0	31.15	Peak	312.00	400	Vertical	Pass
2**	1442.990	38.08	54.0	15.92	AV	312.00	400	Vertical	Pass
3	4311.964	44.44	74.0	29.56	Peak	71.00	200	Vertical	Pass
3**	4311.964	35.98	54.0	18.02	AV	71.00	200	Vertical	Pass
4	7590.737	51.79	74.0	22.21	Peak	262.00	400	Vertical	Pass
4**	7590.737	42.81	54.0	11.19	AV	262.00	400	Vertical	Pass
5	12534.478	54.97	74.0	19.03	Peak	148.00	300	Vertical	Pass
5**	12534.478	43.12	54.0	10.88	AV	148.00	300	Vertical	Pass
6	15906.485	53.27	74.0	20.73	Peak	180.00	100	Vertical	Pass
6**	15906.485	43.96	54.0	10.04	AV	180.00	100	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
802.11ax(HE20)	Low	Pass	
	High	Pass	
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
802.11ax(HE20)	Low	Pass	
	High	Pass	
U-NII-2C	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
802.11ax(HE20)	Low	Pass	
	High	Pass	
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
802.11ax(HE20)	Low	Pass	
	High	Pass	

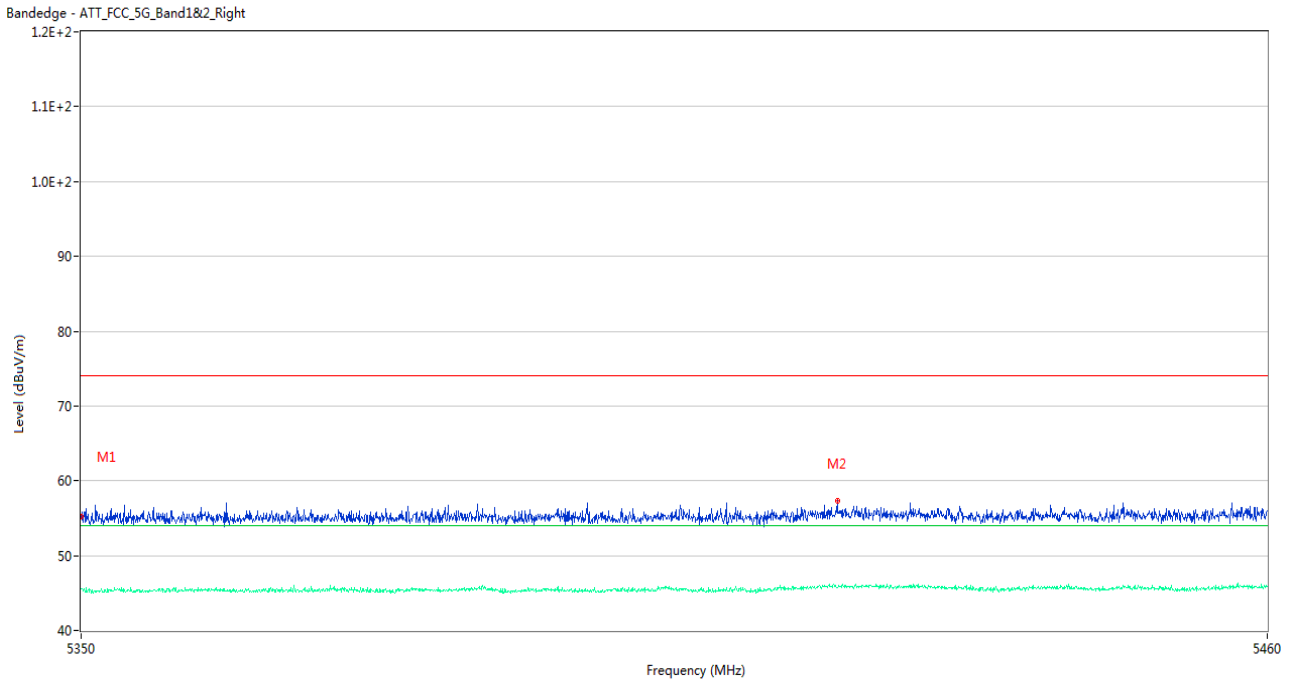
Test Data and Plots

U-NII-1 11a Low Channel



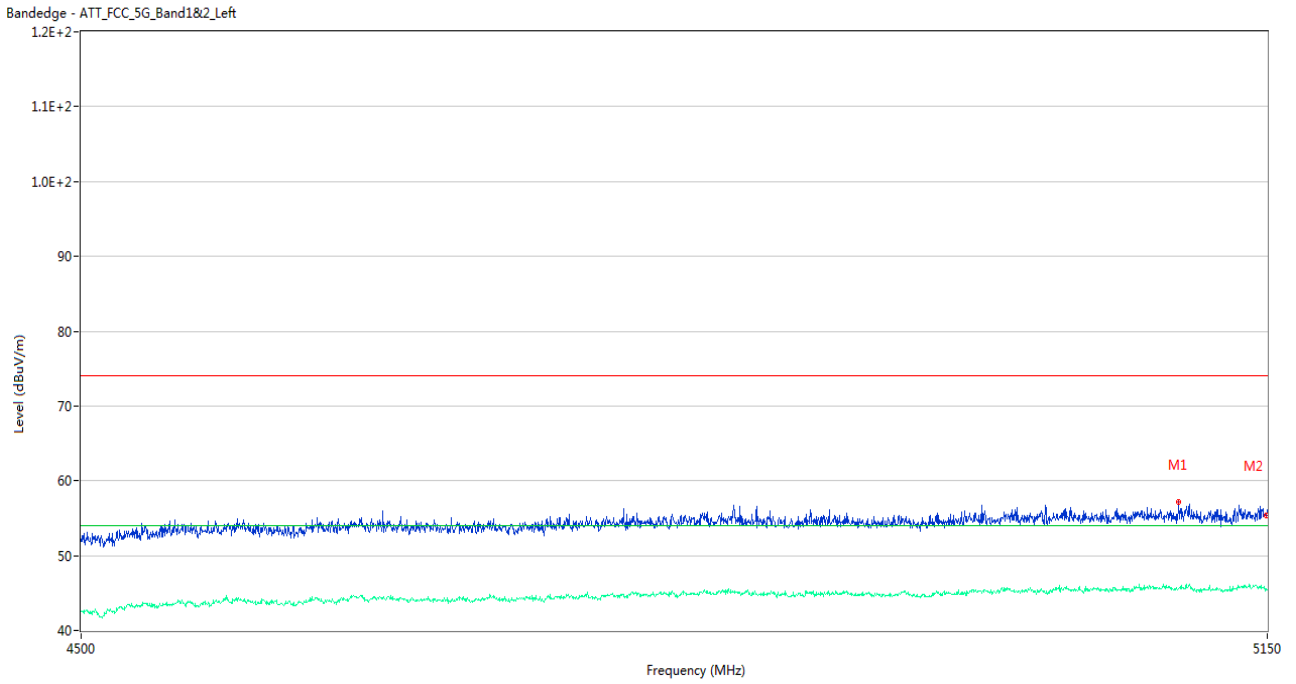
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5115.225	57.05	74.0	16.95	Peak	61.00	150	Horizontal	Pass
1**	5115.225	45.71	54.0	8.29	AV	61.00	150	Horizontal	Pass
2	5149.675	54.91	74.0	19.09	Peak	95.00	100	Horizontal	Pass
2**	5149.675	45.81	54.0	8.19	AV	95.00	100	Horizontal	Pass

U-NII-1 11a High Channel



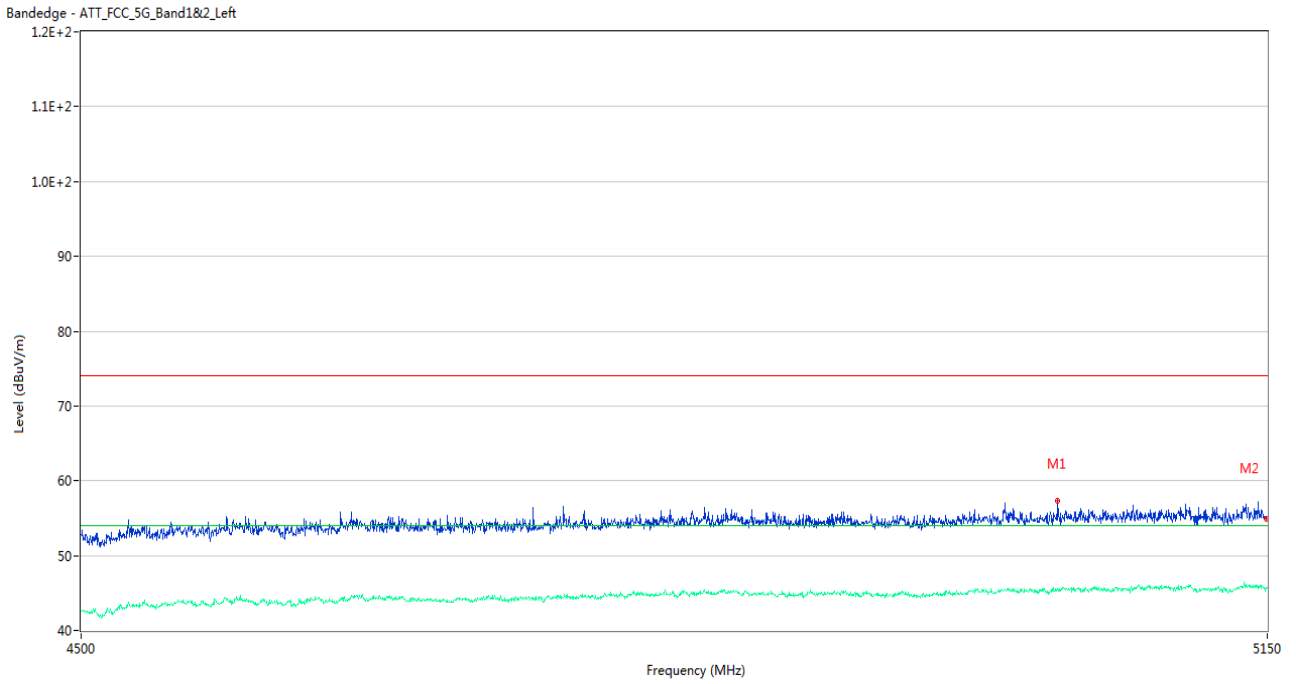
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.25	74.0	18.75	Peak	119.00	100	Horizontal	Pass
1**	5350.000	45.56	54.0	8.44	AV	119.00	100	Horizontal	Pass
2	5419.850	57.30	74.0	16.70	Peak	103.00	100	Horizontal	Pass
2**	5419.850	45.80	54.0	8.20	AV	103.00	100	Horizontal	Pass

U-NII-1 11n20 Low Channel



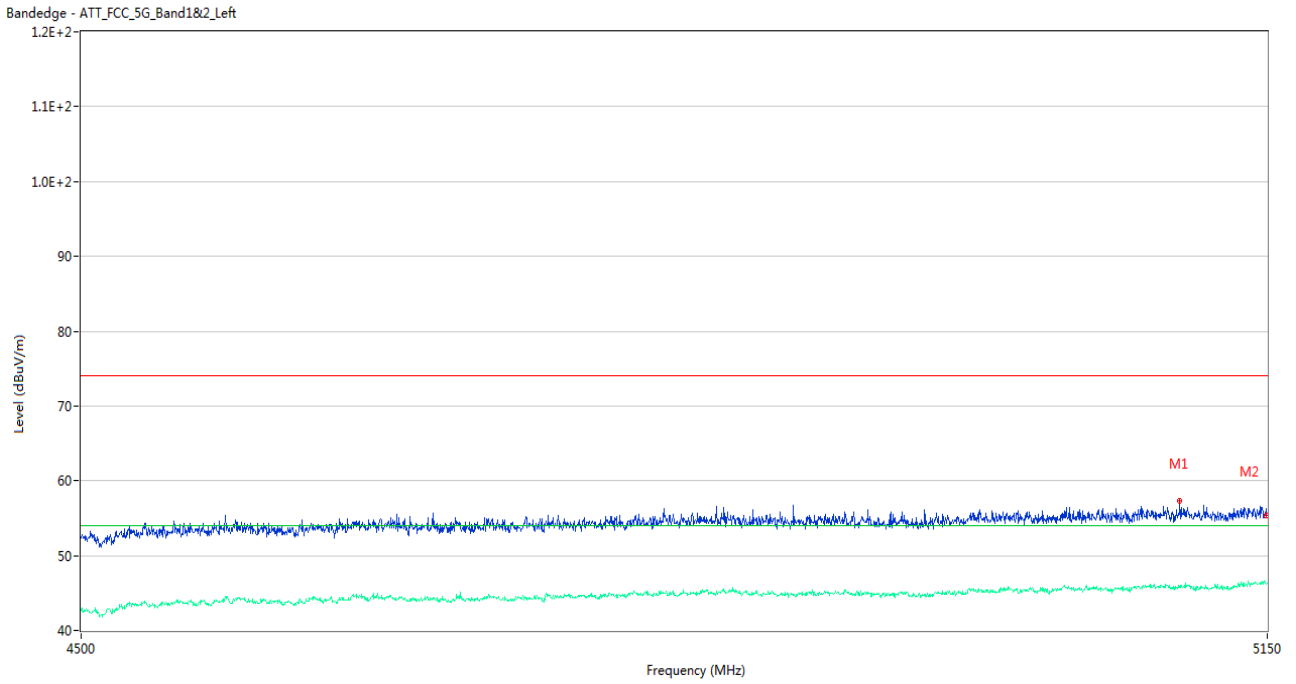
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5098.325	57.16	74.0	16.84	Peak	285.00	150	Horizontal	Pass
1**	5098.325	45.53	54.0	8.47	AV	285.00	150	Horizontal	Pass
2	5149.675	55.32	74.0	18.68	Peak	279.00	100	Horizontal	Pass
2**	5149.675	45.51	54.0	8.49	AV	279.00	100	Horizontal	Pass

U-NII-1 11n20 High Channel



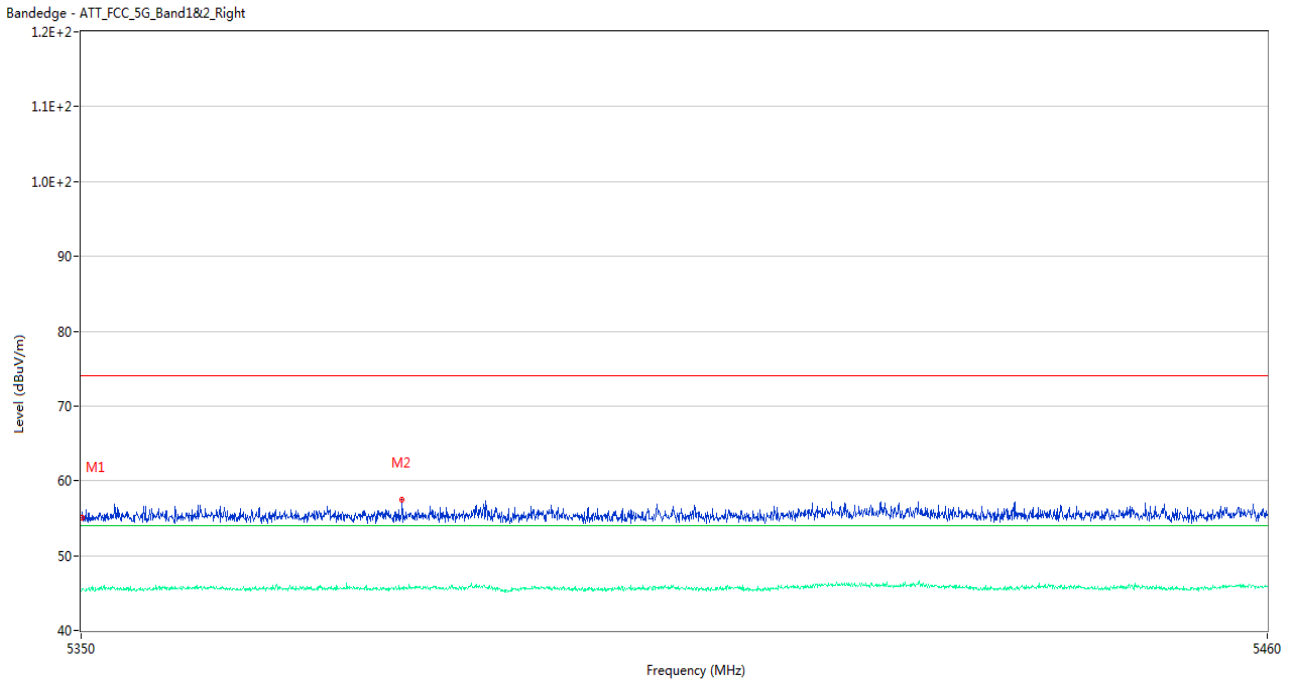
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5028.775	57.29	74.0	16.71	Peak	32.00	150	Horizontal	Pass
1**	5028.775	45.58	54.0	8.42	AV	32.00	150	Horizontal	Pass
2	5149.675	54.85	74.0	19.15	Peak	89.00	100	Horizontal	Pass
2**	5149.675	45.80	54.0	8.20	AV	89.00	100	Horizontal	Pass

U-NII-1 11ac20 Low Channel



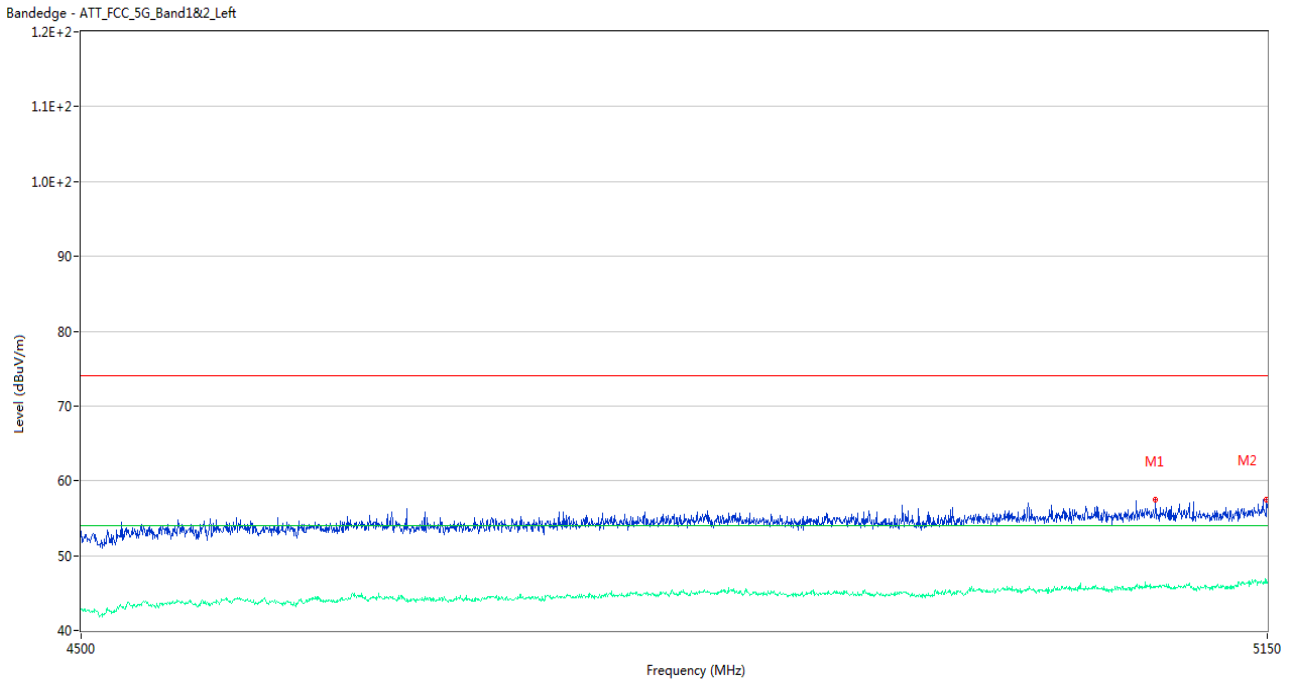
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5098.975	57.31	74.0	16.69	Peak	236.00	100	Horizontal	Pass
1**	5098.975	45.95	54.0	8.05	AV	236.00	100	Horizontal	Pass
2	5149.675	55.37	74.0	18.63	Peak	234.00	100	Horizontal	Pass
2**	5149.675	46.22	54.0	7.78	AV	234.00	100	Horizontal	Pass

U-NII-1 11ac20 High Channel



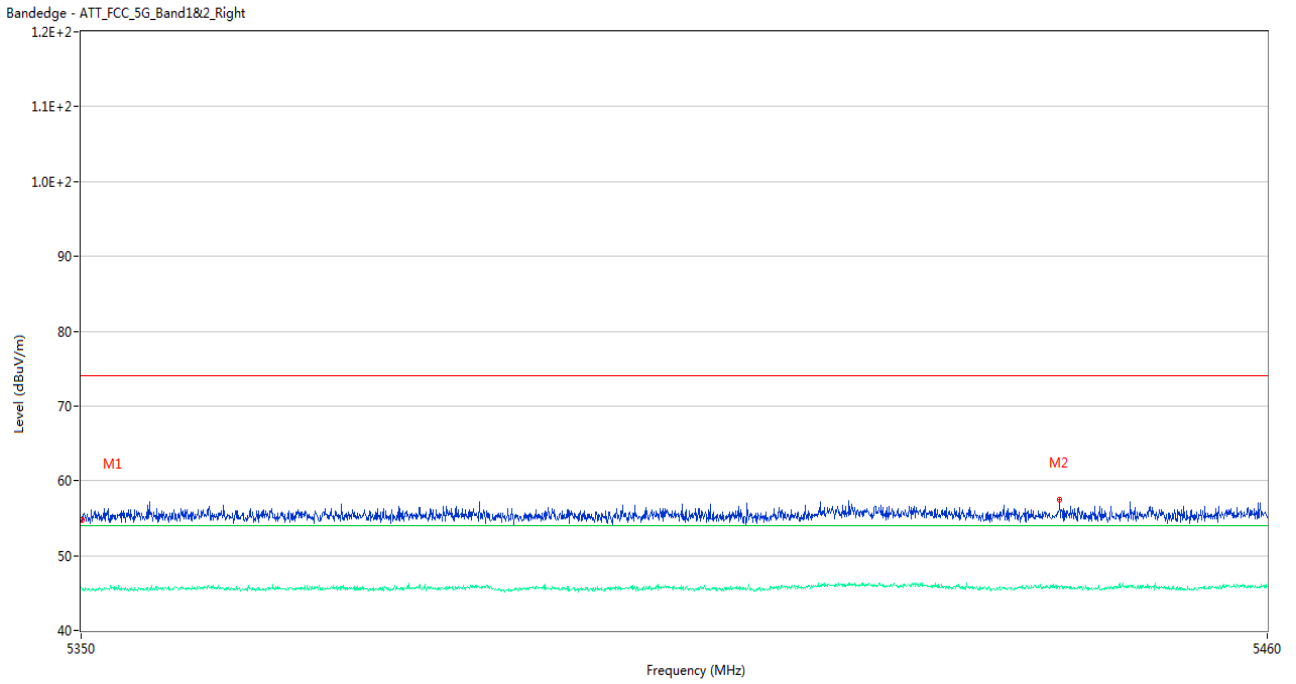
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.13	74.0	18.87	Peak	198.00	150	Horizontal	Pass
1**	5350.055	45.45	54.0	8.55	AV	198.00	150	Horizontal	Pass
2	5379.535	57.41	74.0	16.59	Peak	146.00	100	Horizontal	Pass
2**	5379.535	45.69	54.0	8.31	AV	146.00	100	Horizontal	Pass

U-NII-1 11ax20 (SU) Low Channel



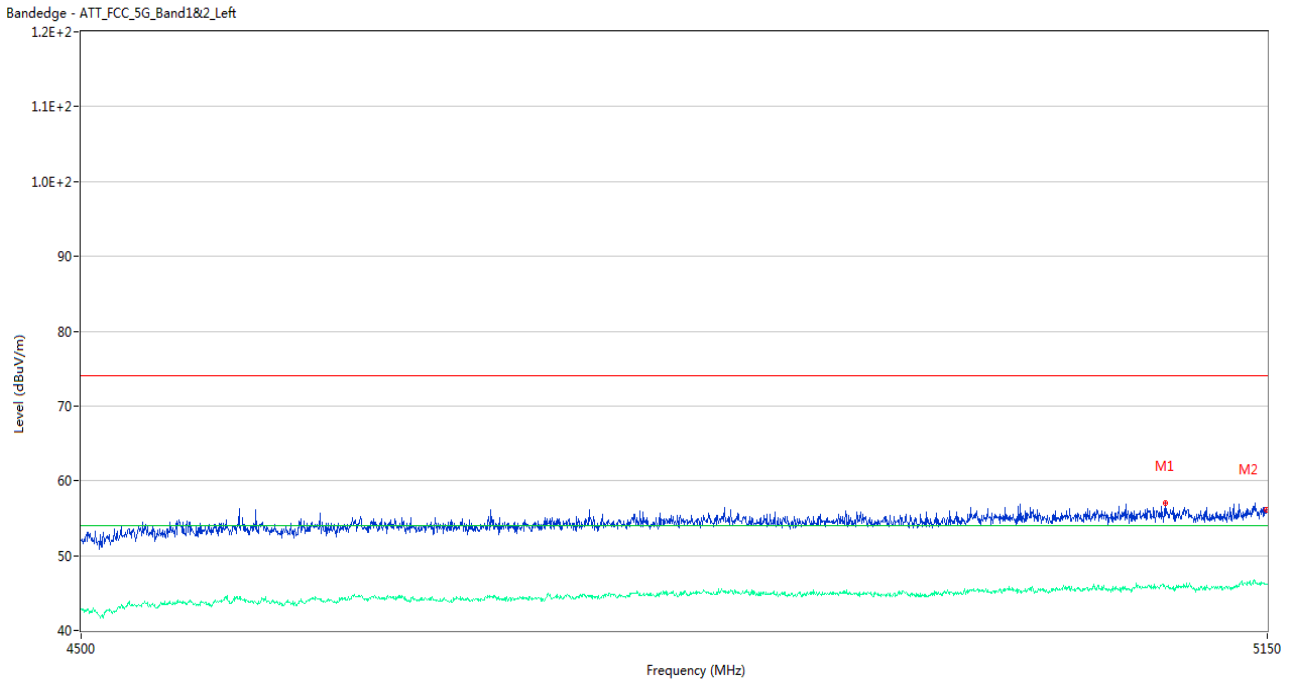
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5085.000	57.55	74.0	16.45	Peak	151.00	100	Horizontal	Pass
1**	5085.000	45.79	54.0	8.21	AV	151.00	100	Horizontal	Pass
2	5149.675	57.47	74.0	16.53	Peak	241.00	150	Horizontal	Pass
2**	5149.675	46.71	54.0	7.29	AV	241.00	150	Horizontal	Pass

U-NII-1 11ax20 (SU) High Channel



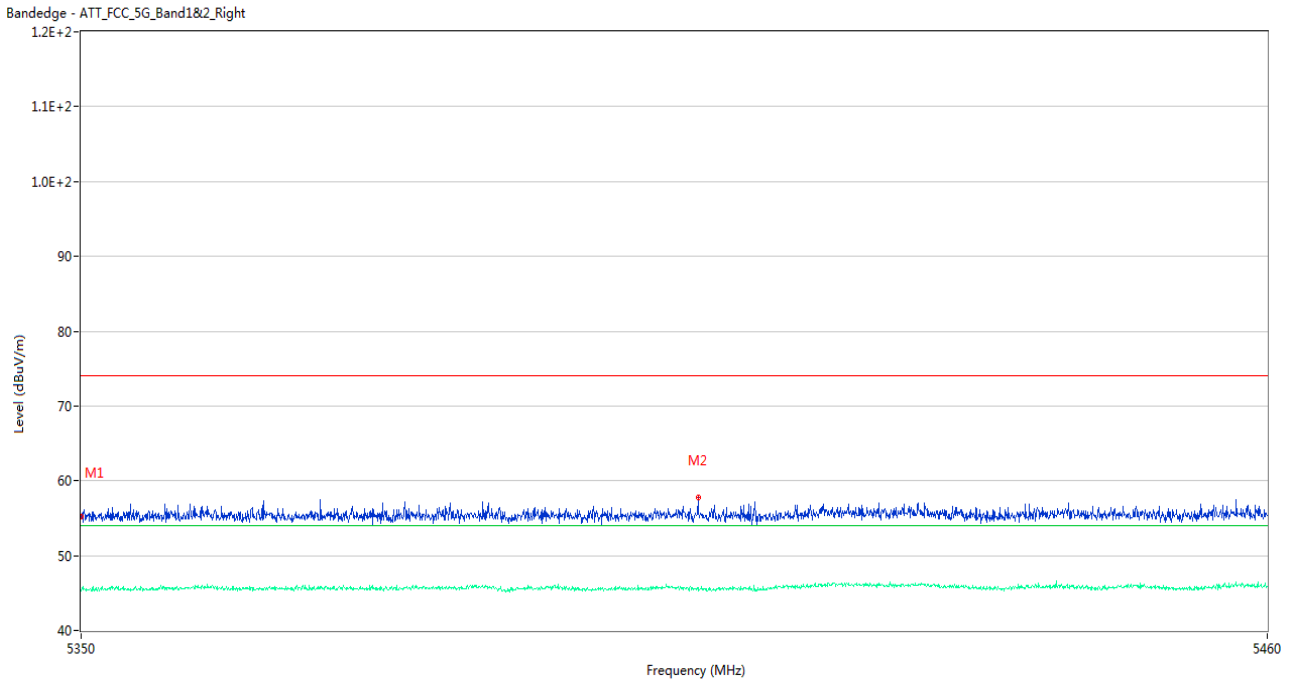
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	54.82	74.0	19.18	Peak	29.00	200	Horizontal	Pass
1**	5350.055	45.62	54.0	8.38	AV	29.00	200	Horizontal	Pass
2	5440.585	57.42	74.0	16.58	Peak	348.00	150	Horizontal	Pass
2**	5440.585	45.63	54.0	8.37	AV	348.00	150	Horizontal	Pass

U-NII-2A 11a Low Channel



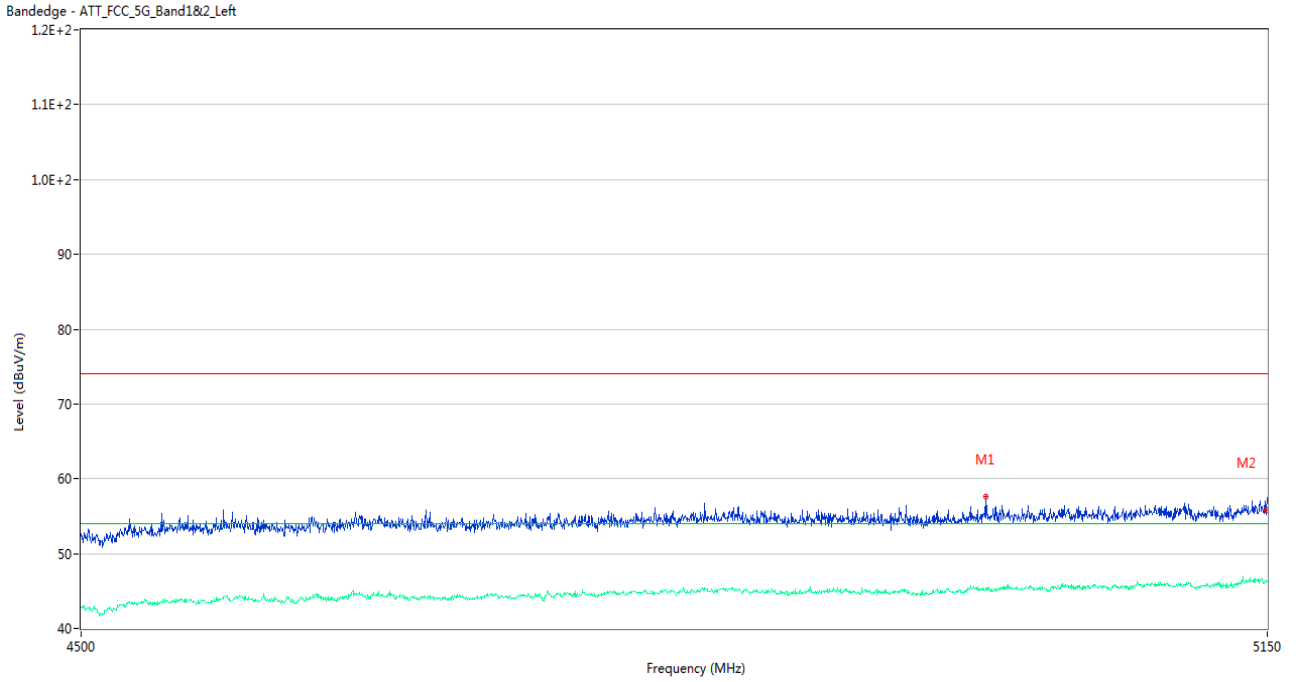
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5090.850	56.98	74.0	17.02	Peak	89.00	100	Horizontal	Pass
1**	5090.850	45.62	54.0	8.38	AV	89.00	100	Horizontal	Pass
2	5149.675	56.07	74.0	17.93	Peak	12.00	100	Horizontal	Pass
2**	5149.675	46.17	54.0	7.83	AV	12.00	100	Horizontal	Pass

U-NII-2A 11a High Channel



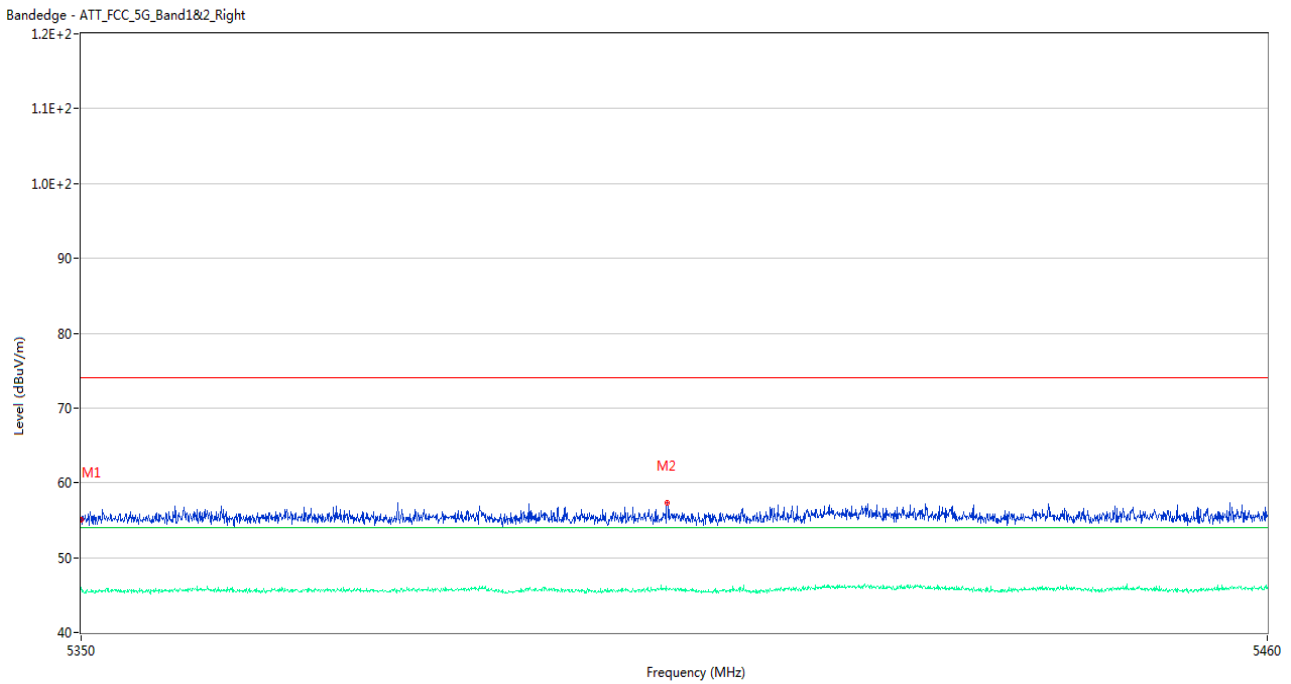
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.17	74.0	18.83	Peak	207.00	150	Horizontal	Pass
1**	5350.000	45.34	54.0	8.66	AV	207.00	150	Horizontal	Pass
2	5406.925	57.74	74.0	16.26	Peak	153.00	100	Horizontal	Pass
2**	5406.925	45.32	54.0	8.68	AV	153.00	100	Horizontal	Pass

U-NII-2A 11n20 Low Channel



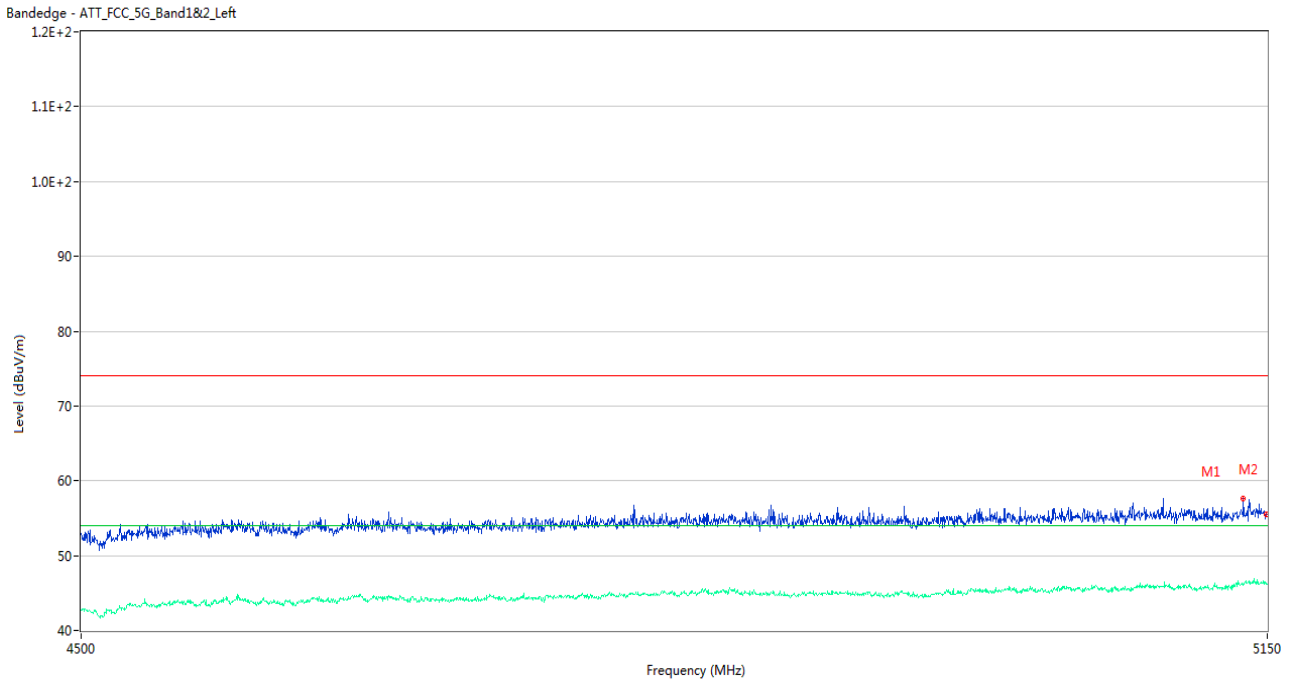
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4987.500	57.66	74.0	16.34	Peak	85.00	150	Horizontal	Pass
1**	4987.500	45.27	54.0	8.73	AV	85.00	150	Horizontal	Pass
2	5149.675	55.85	74.0	18.15	Peak	231.00	150	Horizontal	Pass
2**	5149.675	46.36	54.0	7.64	AV	231.00	150	Horizontal	Pass

U-NII-2A 11n20 High Channel



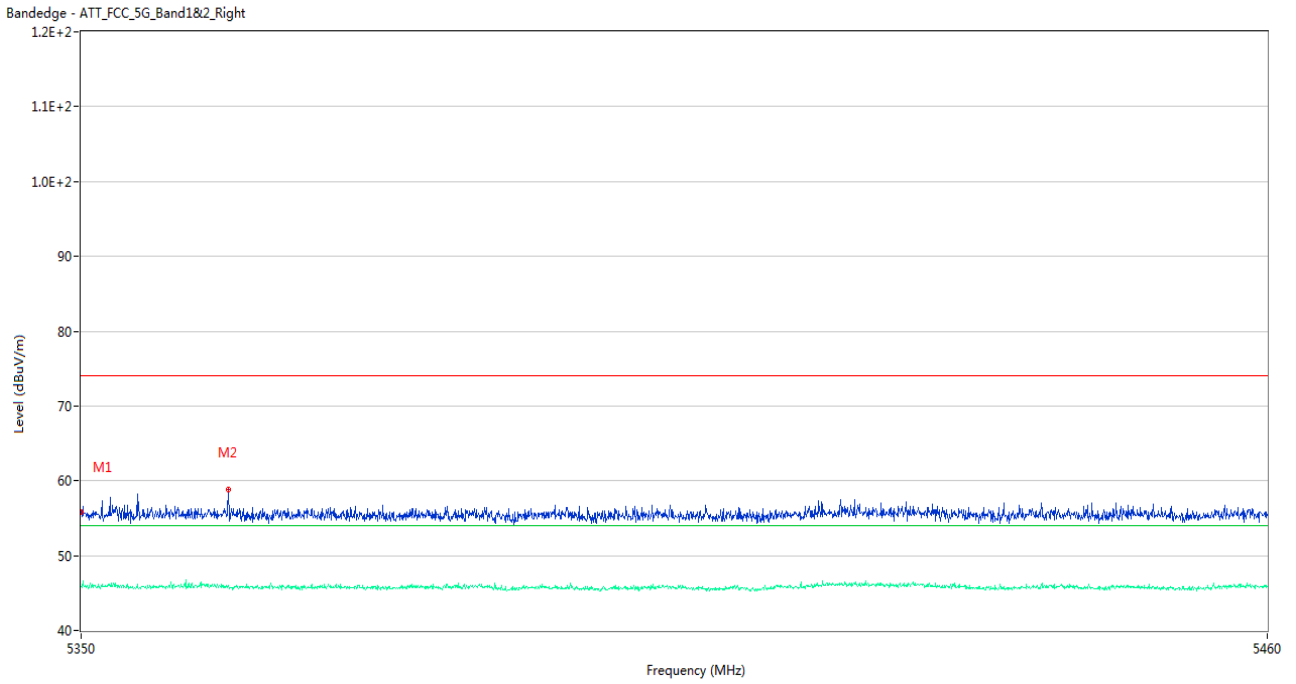
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.12	74.0	18.88	Peak	62.00	200	Horizontal	Pass
1**	5350.000	46.10	54.0	7.90	AV	62.00	200	Horizontal	Pass
2	5404.065	57.33	74.0	16.67	Peak	30.00	150	Horizontal	Pass
2**	5404.065	45.84	54.0	8.16	AV	30.00	150	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5136.025	57.59	74.0	16.41	Peak	35.00	100	Horizontal	Pass
1**	5136.025	46.21	54.0	7.79	AV	35.00	100	Horizontal	Pass
2	5149.675	55.46	74.0	18.54	Peak	59.00	200	Horizontal	Pass
2**	5149.675	46.15	54.0	7.85	AV	59.00	200	Horizontal	Pass

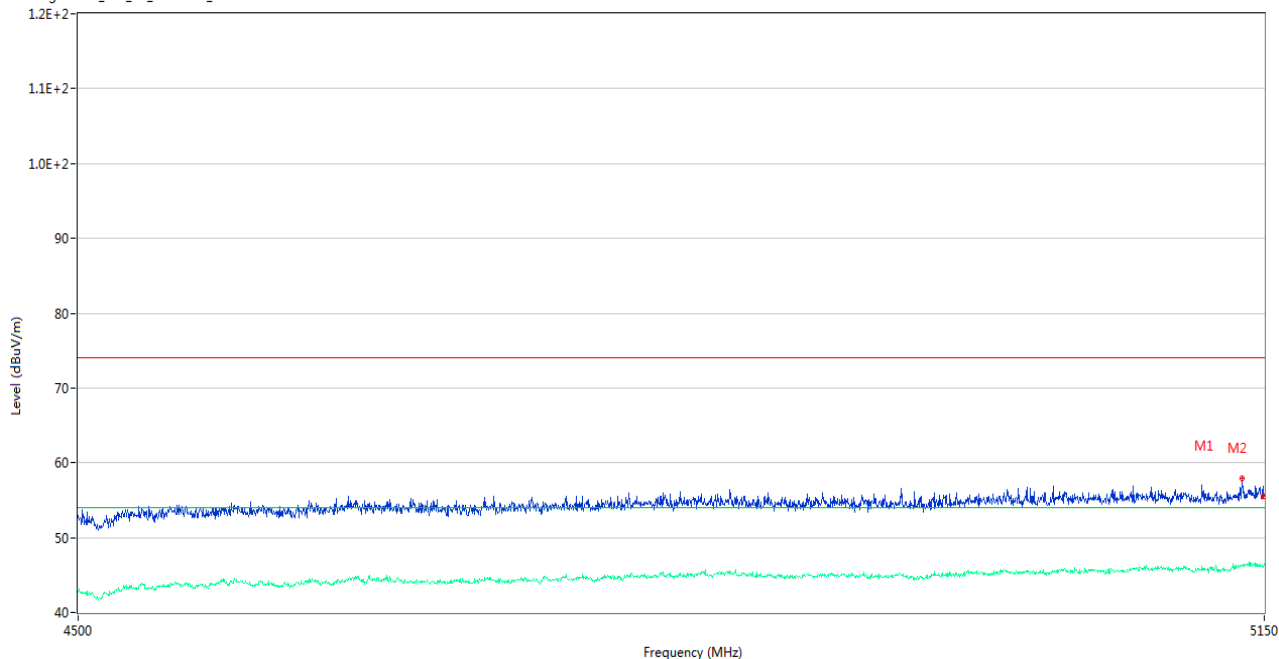
U-NII-2A 11ac20 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.86	74.0	18.14	Peak	256.00	100	Horizontal	Pass
1**	5350.000	45.95	54.0	8.05	AV	256.00	100	Horizontal	Pass
2	5363.530	58.78	74.0	15.22	Peak	55.00	150	Horizontal	Pass
2**	5363.530	45.99	54.0	8.01	AV	55.00	150	Horizontal	Pass

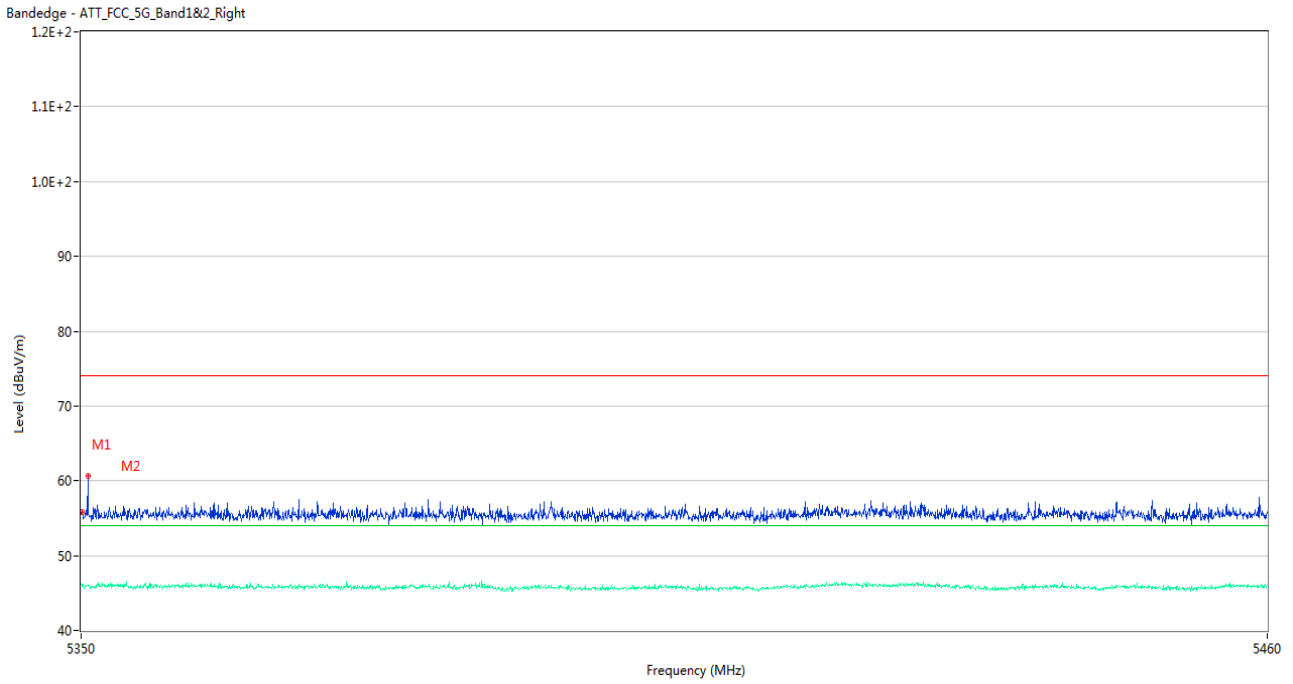
U-NII-2A 11ax20 (SU) Low Channel

Bandedge - ATT_FCC_5G_Band1&2_Left



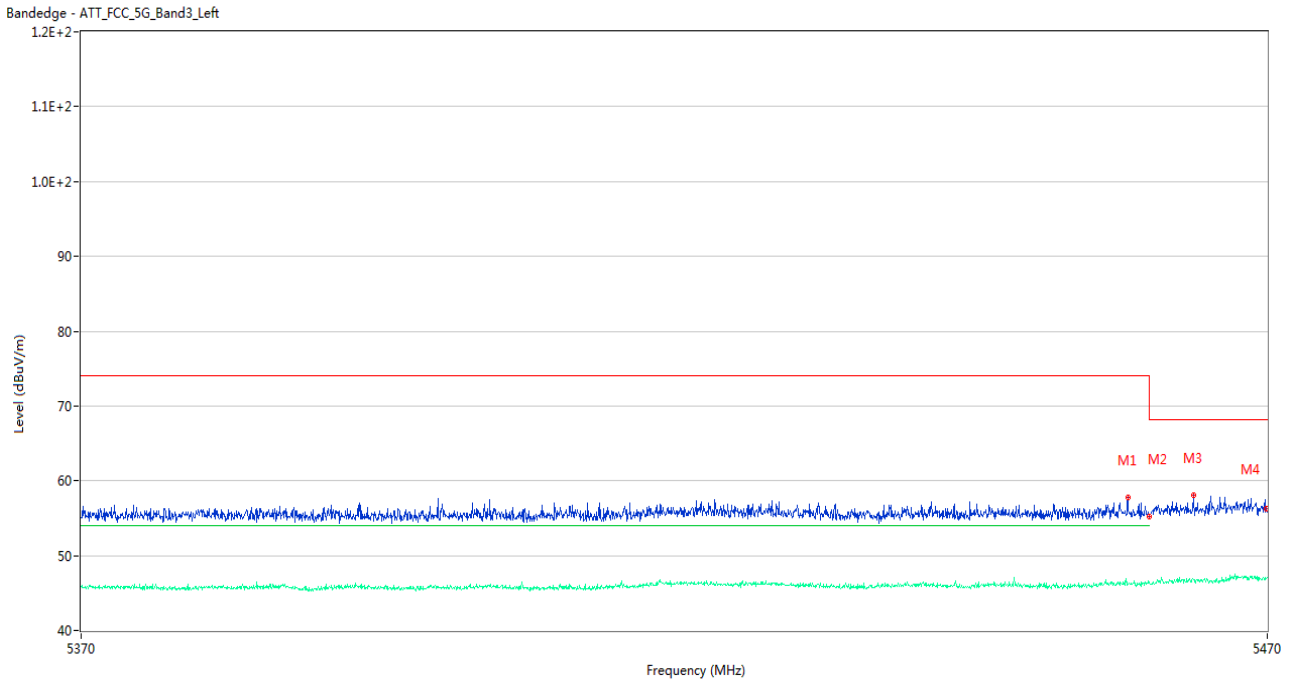
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5137.000	57.87	74.0	16.13	Peak	185.00	150	Horizontal	Pass
1**	5137.000	46.31	54.0	7.69	AV	185.00	150	Horizontal	Pass
2	5149.675	55.58	74.0	18.42	Peak	14.00	200	Horizontal	Pass
2**	5149.675	46.00	54.0	8.00	AV	14.00	200	Horizontal	Pass

U-NII-2A 11ax20 (SU) High Channel



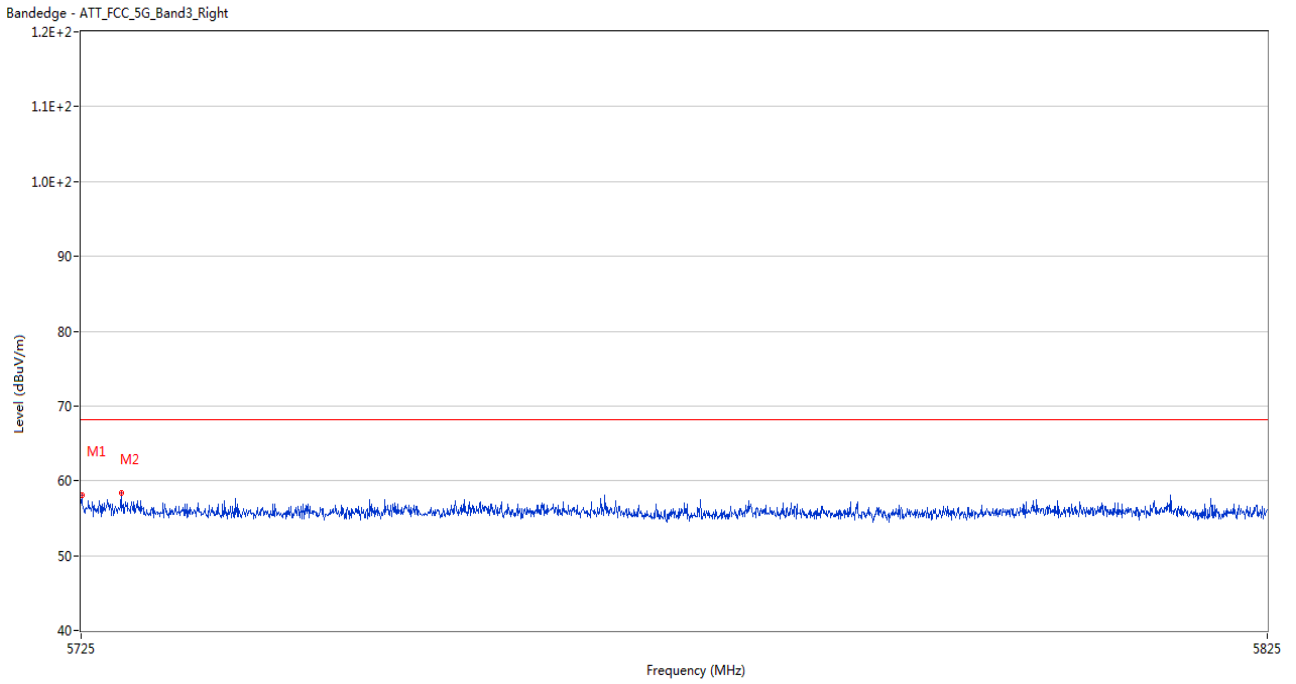
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.84	74.0	18.16	Peak	239.00	200	Horizontal	Pass
1**	5350.055	46.12	54.0	7.88	AV	239.00	200	Horizontal	Pass
2	5350.605	60.60	74.0	13.40	Peak	285.00	200	Horizontal	Pass
2**	5350.605	46.02	54.0	7.98	AV	285.00	200	Horizontal	Pass

U-NII-2C 11a Low Channel



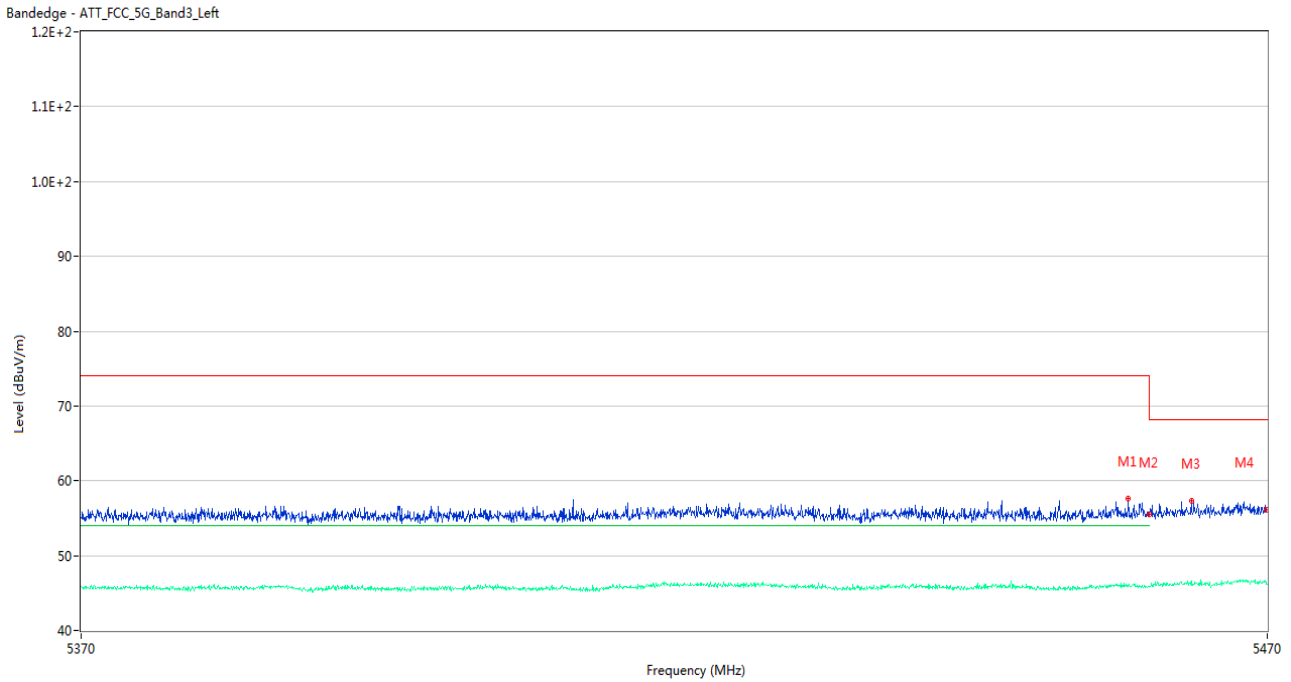
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.150	57.73	74.0	16.27	Peak	20.00	100	Horizontal	Pass
1**	5458.150	46.23	54.0	7.77	AV	20.00	100	Horizontal	Pass
2	5460.000	55.28	74.0	18.72	Peak	49.00	150	Horizontal	Pass
2**	5460.000	46.51	54.0	7.49	AV	49.00	150	Horizontal	Pass
3	5463.700	58.12	68.2	10.08	Peak	133.00	150	Horizontal	Pass
3**	5463.700	46.72	--	--	AV	133.00	150	Horizontal	N/A
4	5469.950	56.31	68.2	11.89	Peak	343.00	100	Horizontal	Pass
4**	5469.950	46.94	--	--	AV	343.00	100	Horizontal	N/A

U-NII-2C 11a High Channel



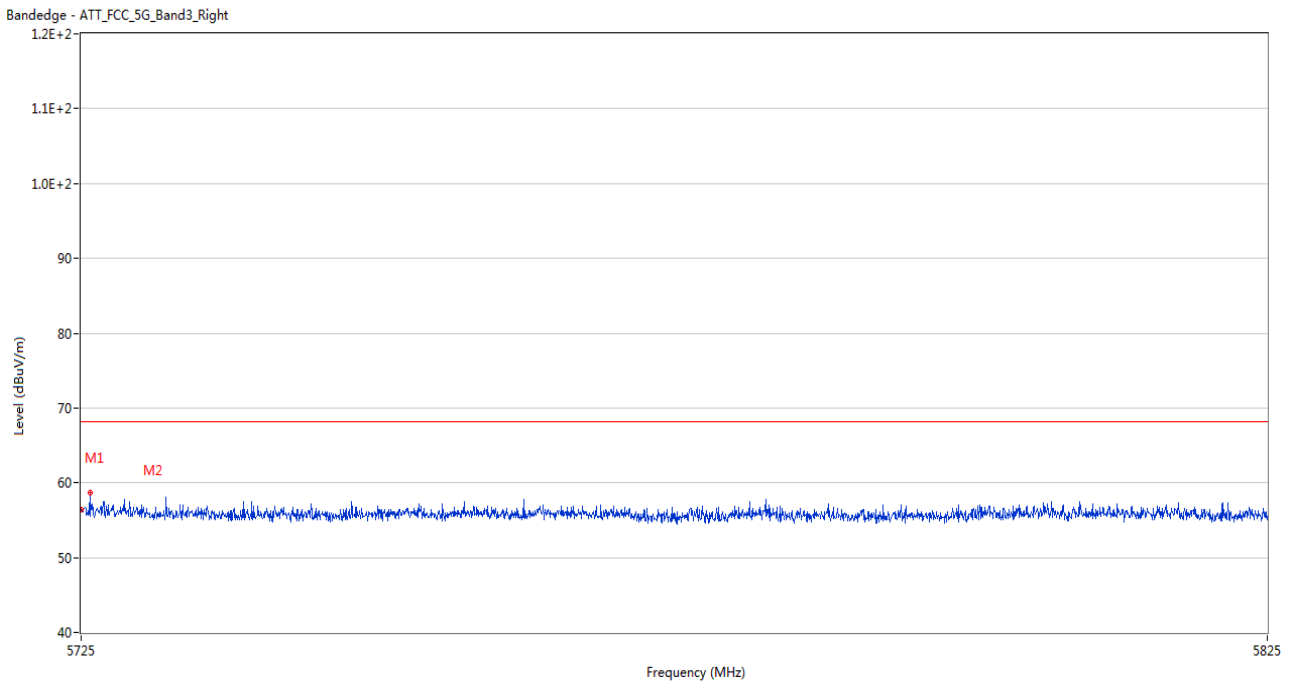
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	58.01	68.2	10.19	Peak	242.00	100	Horizontal	Pass
2	5728.350	58.33	68.2	9.87	Peak	245.00	200	Horizontal	Pass

U-NII-2C 11n20 Low Channel



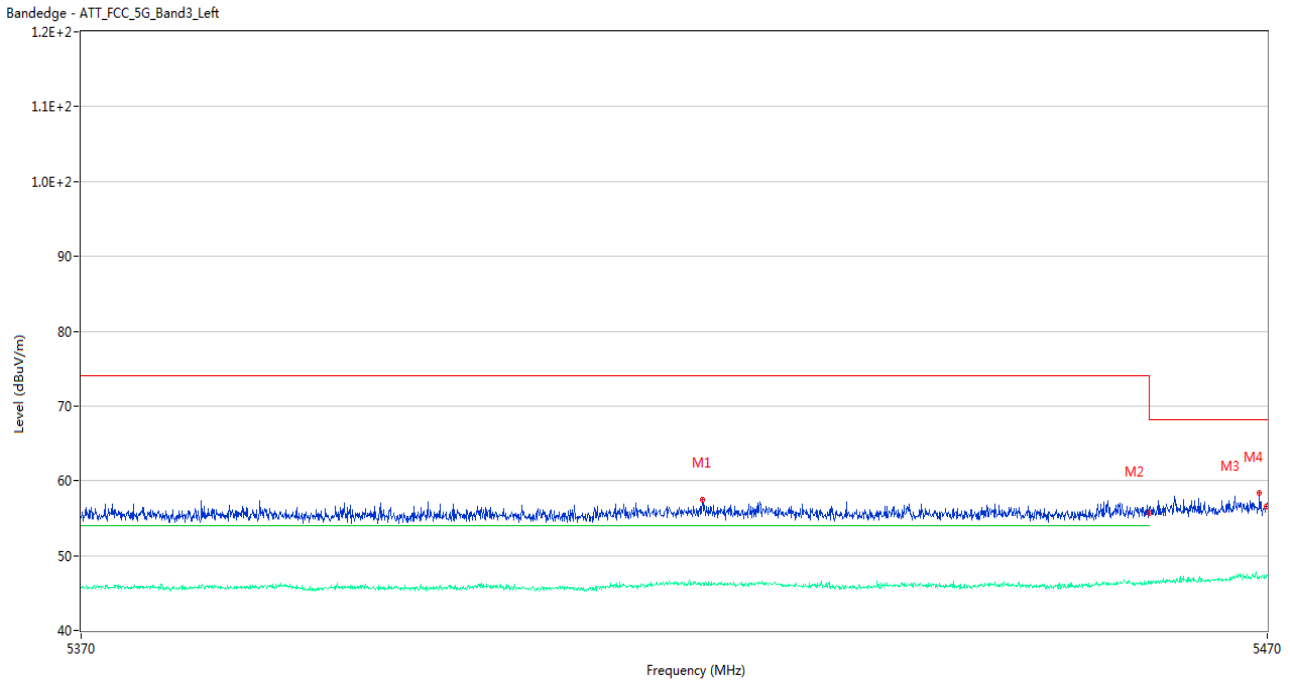
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.200	57.64	74.0	16.36	Peak	278.00	100	Horizontal	Pass
1**	5458.200	45.99	54.0	8.01	AV	278.00	100	Horizontal	Pass
2	5460.000	55.48	74.0	18.52	Peak	82.00	100	Horizontal	Pass
2**	5460.000	45.94	54.0	8.06	AV	82.00	100	Horizontal	Pass
3	5463.550	57.30	68.2	10.90	Peak	40.00	150	Horizontal	Pass
3**	5463.550	46.05	--	--	AV	40.00	150	Horizontal	N/A
4	5469.950	56.16	68.2	12.04	Peak	18.00	100	Horizontal	Pass
4**	5469.950	46.22	--	--	AV	18.00	100	Horizontal	N/A

U-NII-2C 11n20 High Channel



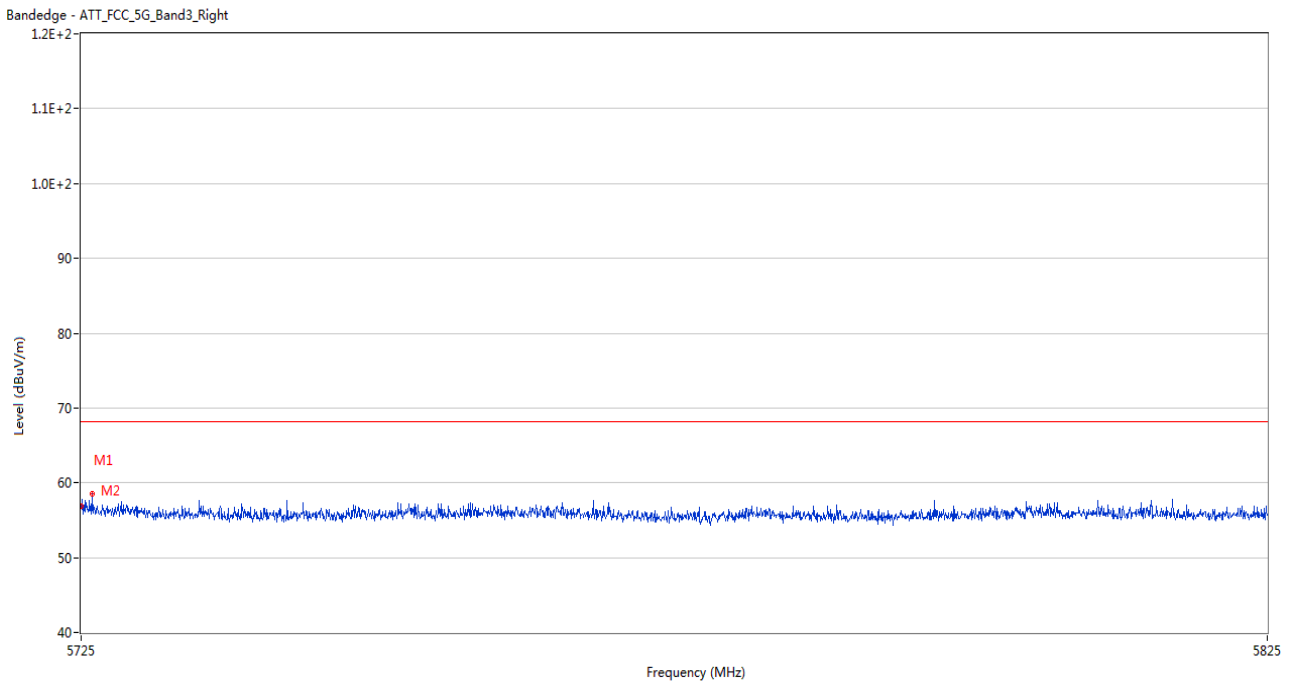
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.38	68.2	11.82	Peak	50.00	100	Horizontal	Pass
2	5725.750	58.70	68.2	9.50	Peak	244.00	150	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



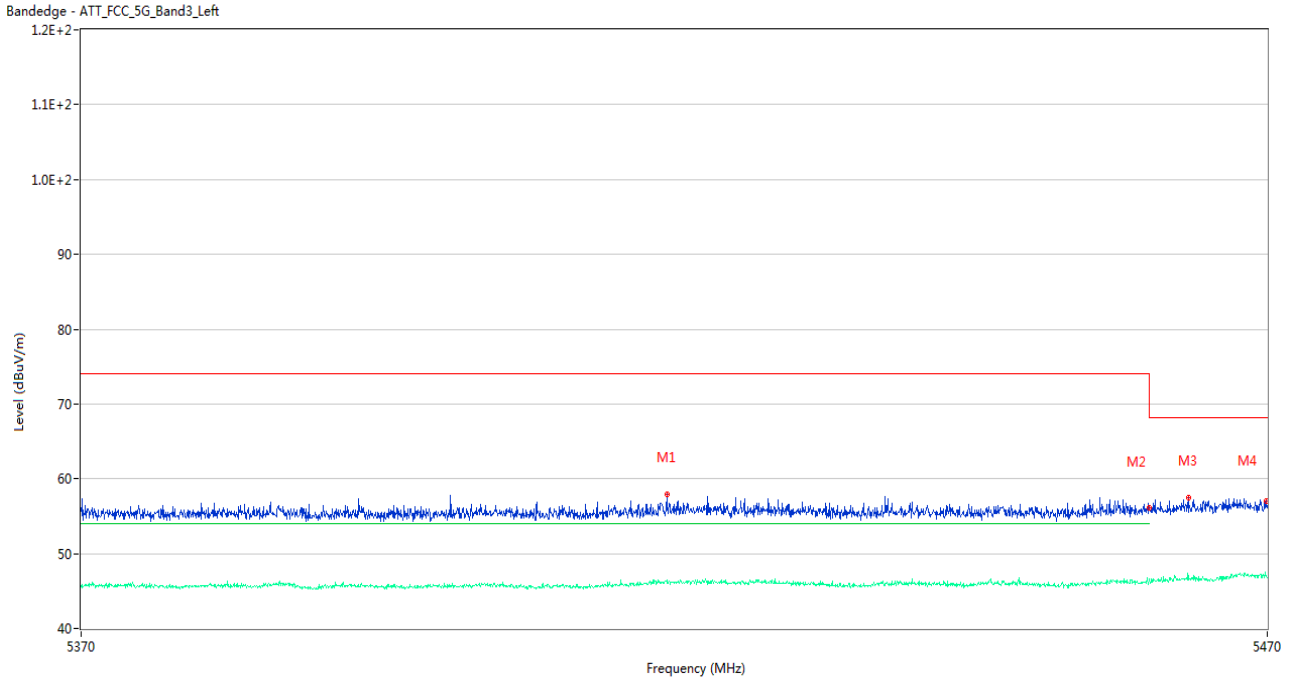
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5422.150	57.51	74.0	16.49	Peak	17.00	200	Horizontal	Pass
1**	5422.150	46.37	54.0	7.63	AV	17.00	200	Horizontal	Pass
2	5460.000	55.71	74.0	18.29	Peak	133.00	200	Horizontal	Pass
2**	5460.000	46.25	54.0	7.75	AV	133.00	200	Horizontal	Pass
3	5469.350	58.36	68.2	9.84	Peak	28.00	100	Horizontal	Pass
3**	5469.350	47.23	--	--	AV	28.00	100	Horizontal	N/A
4	5469.950	56.59	68.2	11.61	Peak	200.00	200	Horizontal	Pass
4**	5469.950	47.31	--	--	AV	200.00	200	Horizontal	N/A

U-NII-2C 11ac20 High Channel



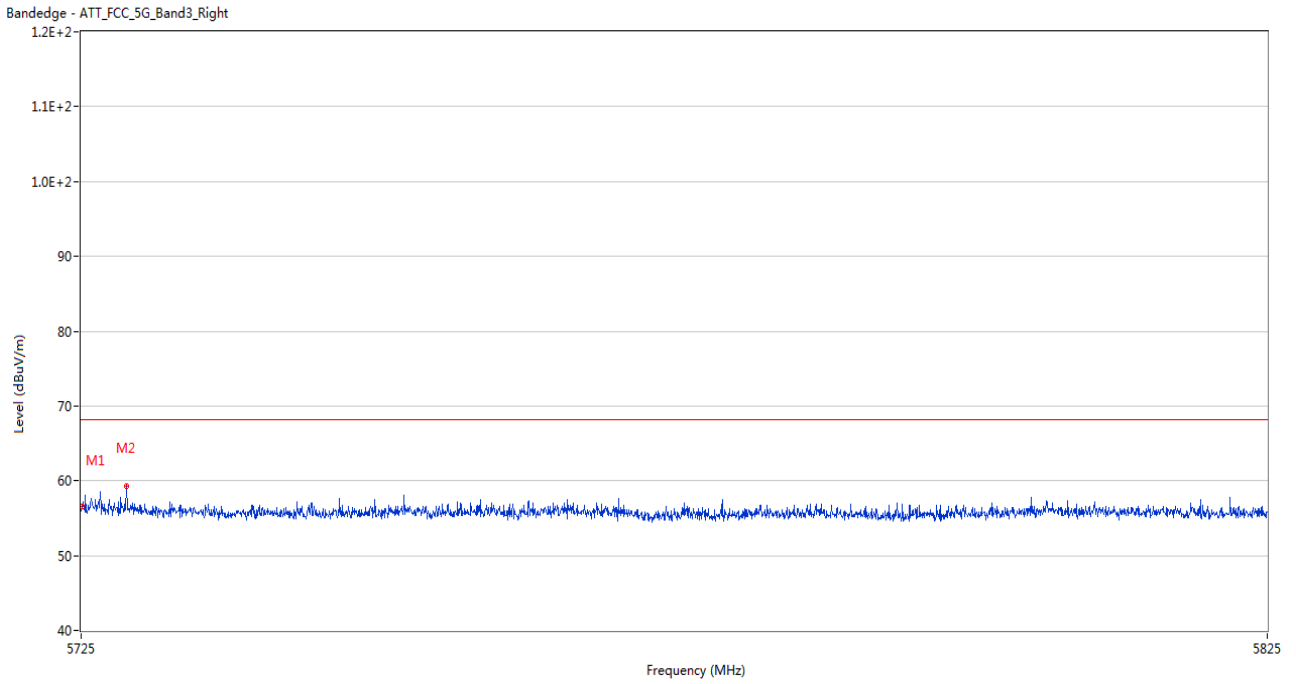
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.81	68.2	11.39	Peak	56.00	100	Horizontal	Pass
2	5725.900	58.49	68.2	9.71	Peak	241.00	100	Horizontal	Pass

U-NII-2C 11ax20 (SU) Low Channel



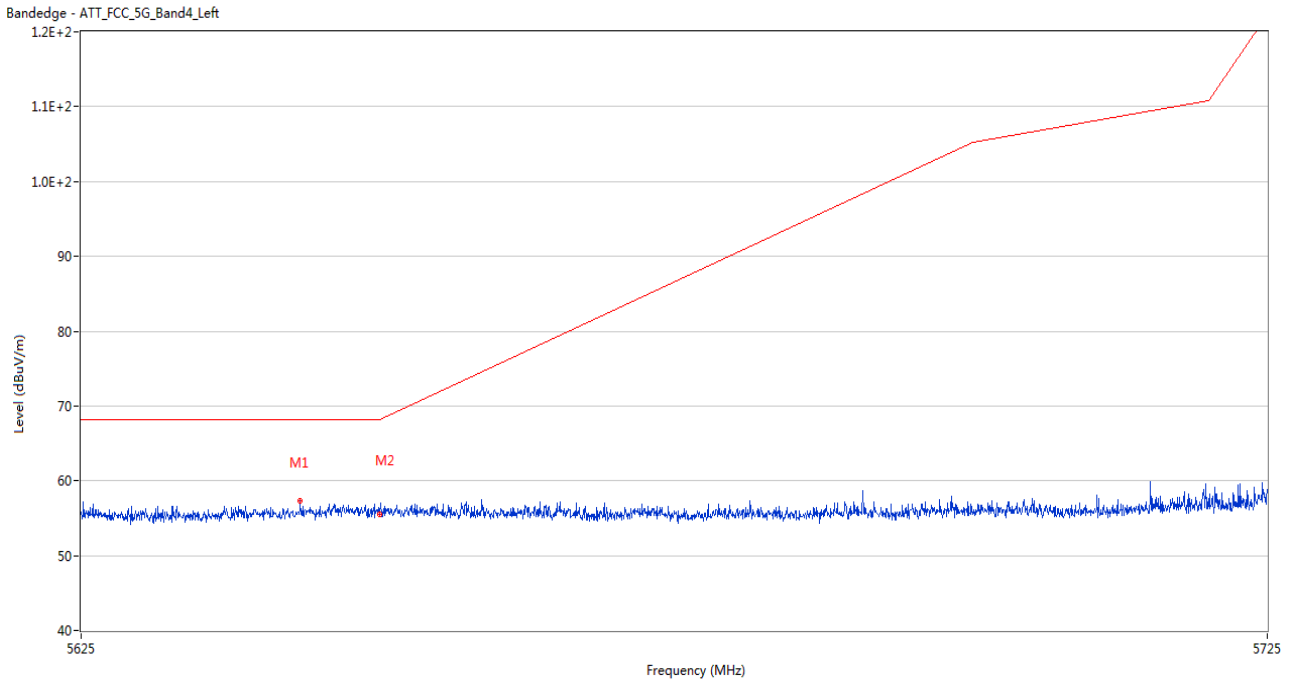
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5419.150	57.96	74.0	16.04	Peak	226.00	100	Horizontal	Pass
1**	5419.150	46.50	54.0	7.50	AV	226.00	100	Horizontal	Pass
2	5460.000	56.10	74.0	17.90	Peak	201.00	100	Horizontal	Pass
2**	5460.000	46.58	54.0	7.42	AV	201.00	100	Horizontal	Pass
3	5463.300	57.44	68.2	10.76	Peak	355.00	200	Horizontal	Pass
3**	5463.300	46.86	--	--	AV	355.00	200	Horizontal	N/A
4	5469.950	56.98	68.2	11.22	Peak	71.00	150	Horizontal	Pass
4**	5469.950	47.11	--	--	AV	71.00	150	Horizontal	N/A

U-NII-2C 11ax20 (SU) High Channel



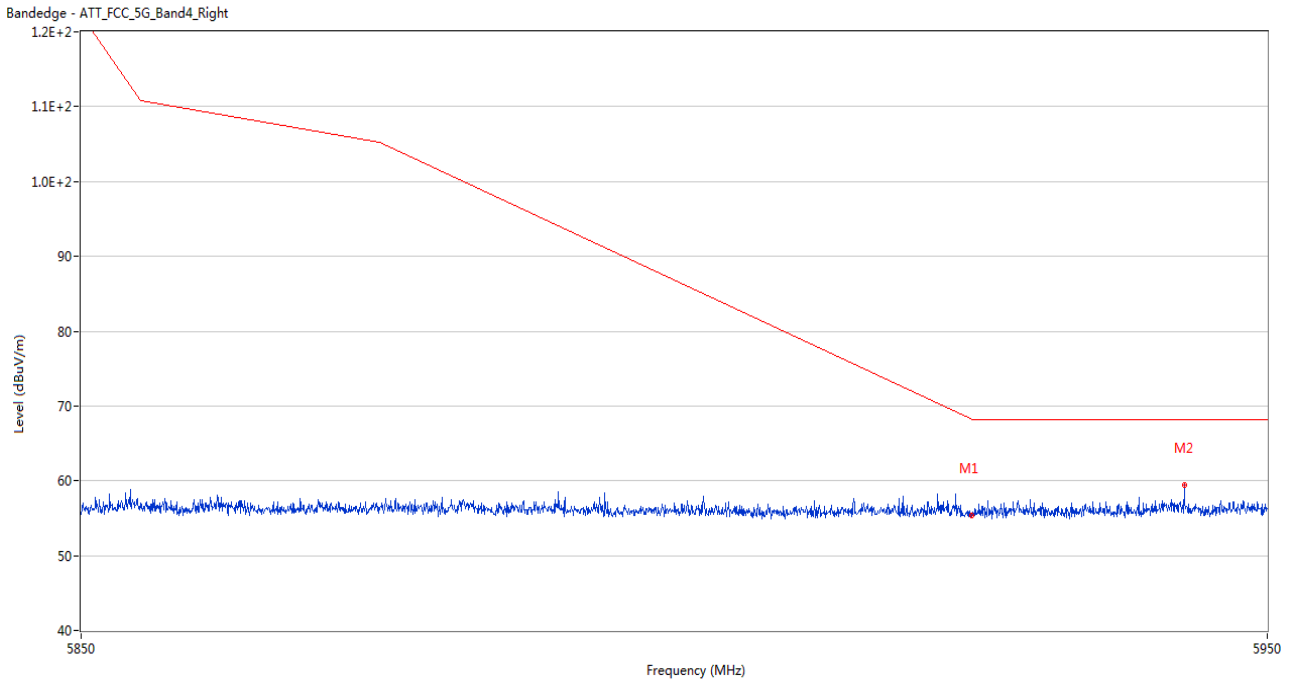
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	56.58	68.2	11.62	Peak	168.00	150	Horizontal	Pass
2	5728.800	59.35	68.2	8.85	Peak	248.00	200	Horizontal	Pass

U-NII-3 11a Low Channel



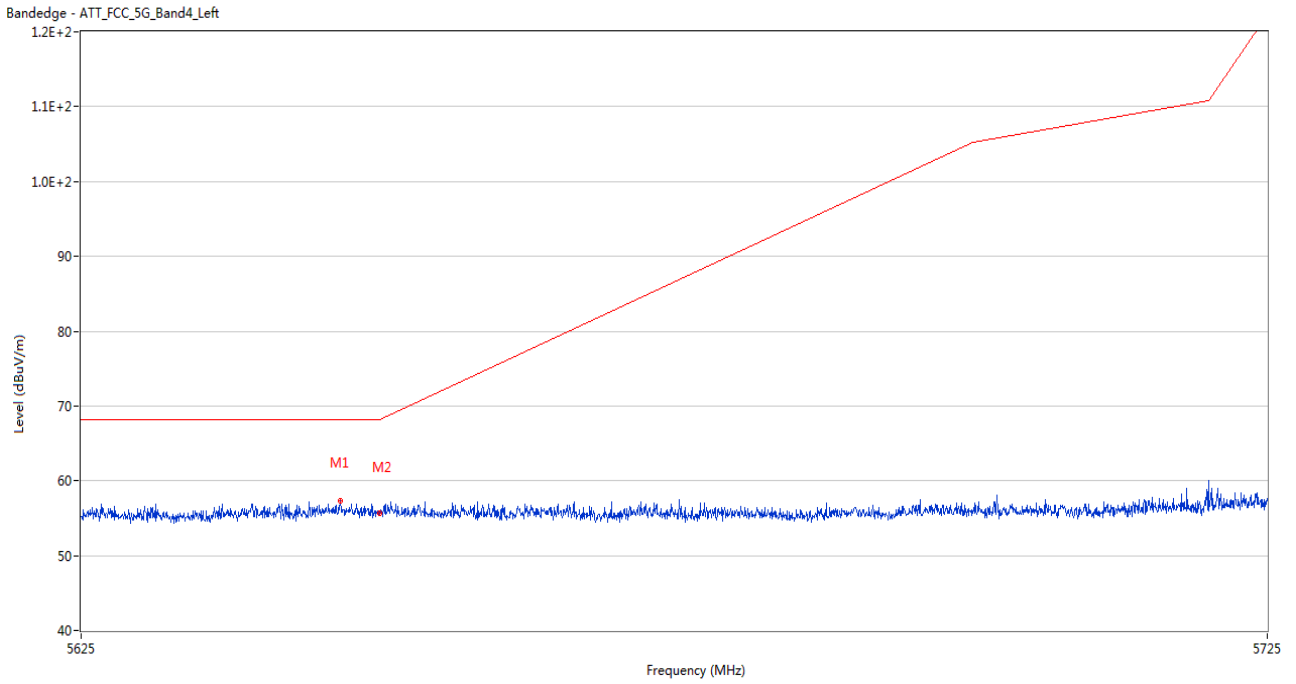
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5643.350	57.39	68.2	10.81	Peak	26.00	150	Horizontal	Pass
2	5650.000	55.56	68.2	12.64	Peak	50.00	200	Horizontal	Pass

U-NII-3 11a High Channel



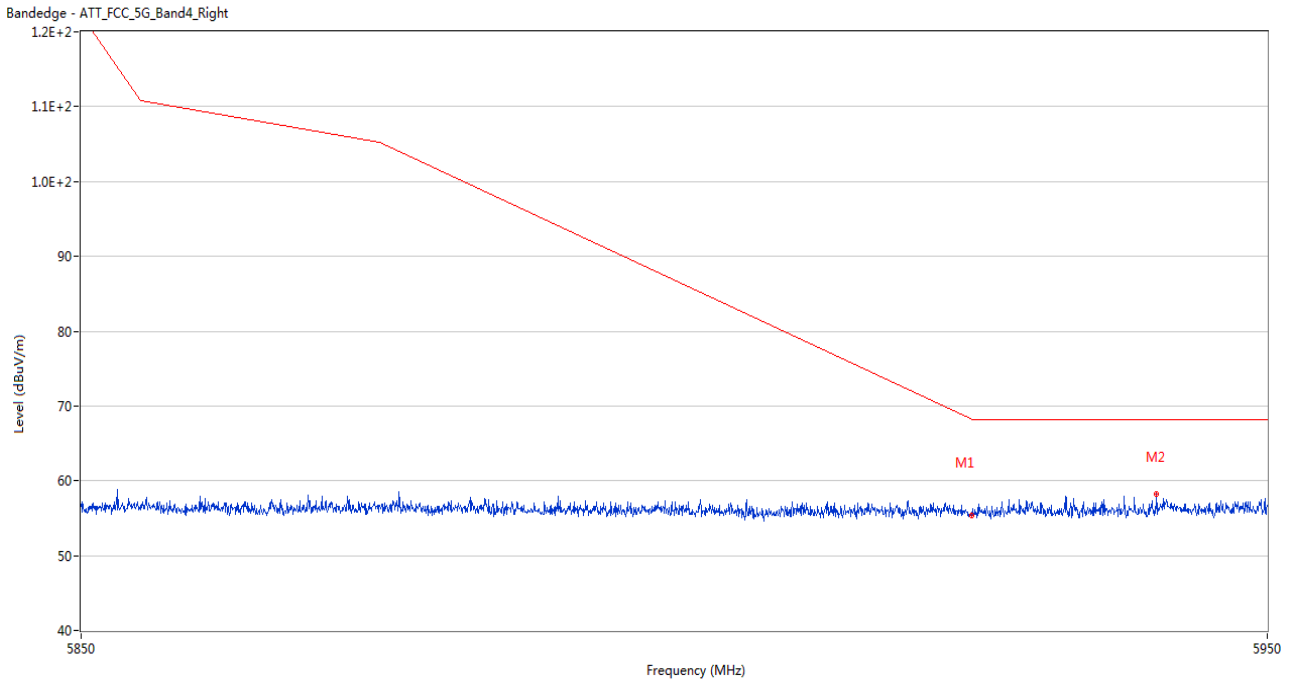
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.44	68.2	12.76	Peak	0.00	100	Horizontal	Pass
2	5942.950	59.46	68.2	8.74	Peak	37.00	200	Horizontal	Pass

U-NII-3 11n20 Low Channel



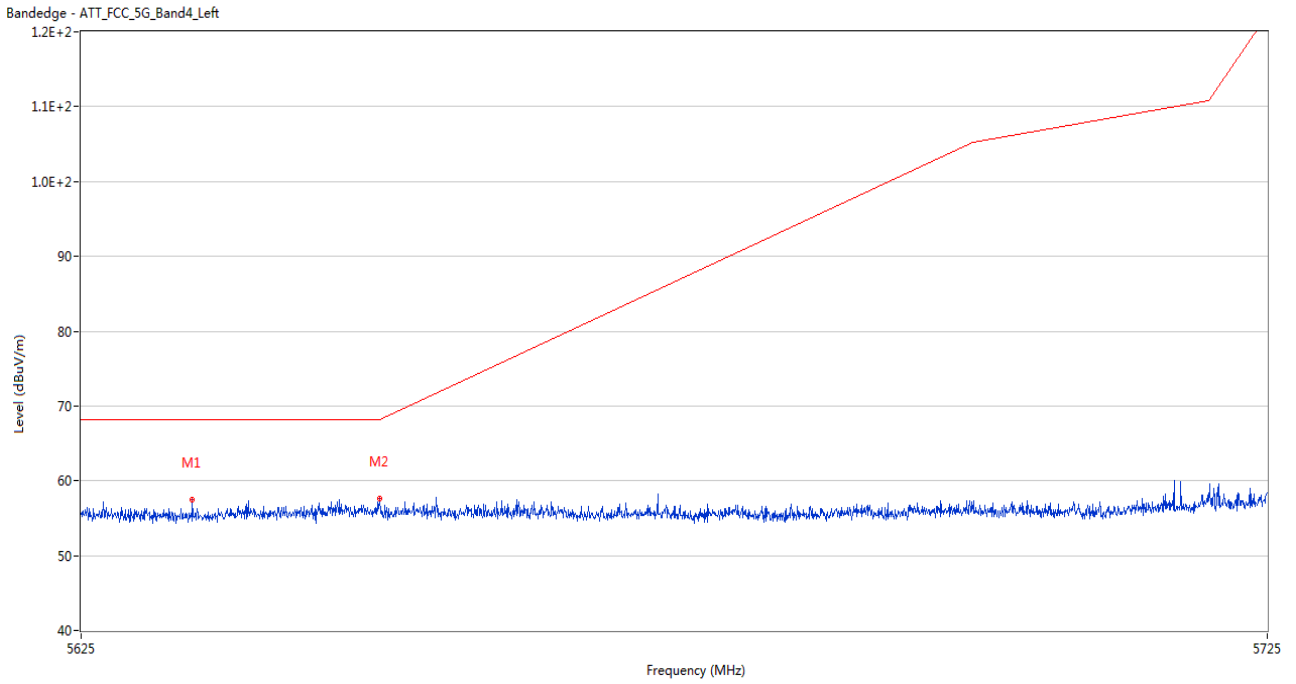
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.700	57.37	68.2	10.83	Peak	236.00	100	Horizontal	Pass
2	5650.000	55.62	68.2	12.58	Peak	355.00	150	Horizontal	Pass

U-NII-3 11n20 High Channel



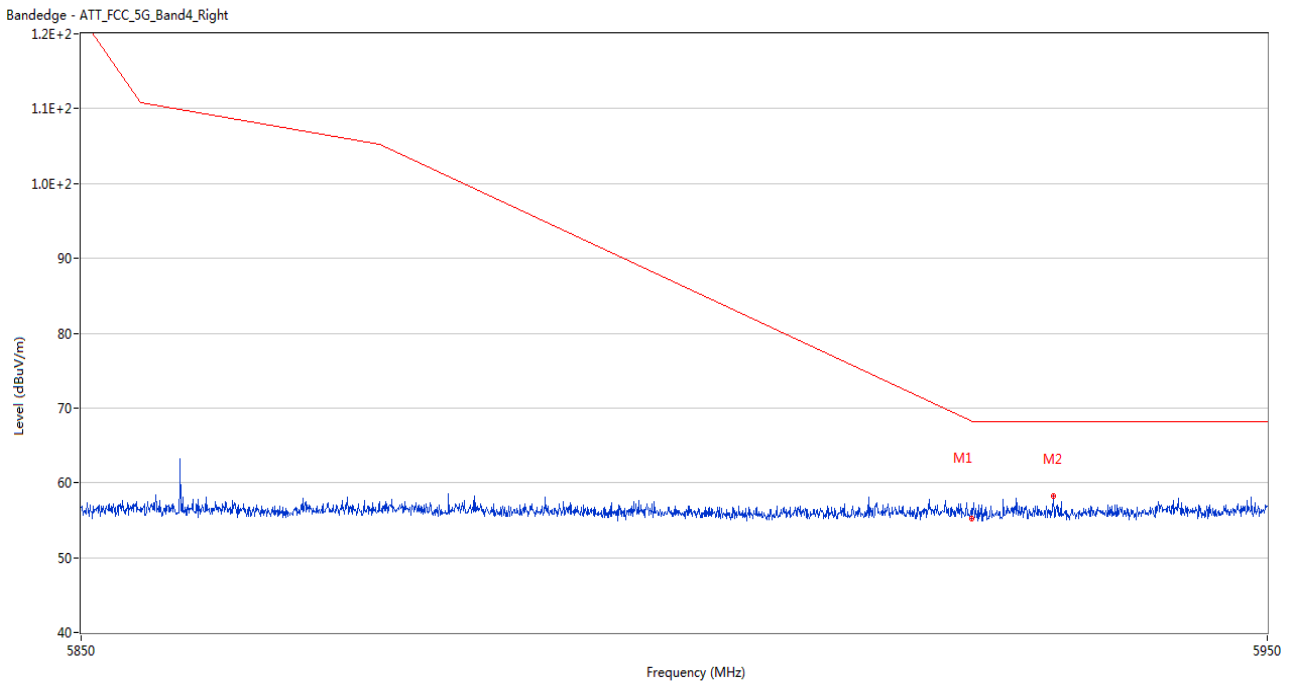
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.43	68.2	12.77	Peak	216.00	200	Horizontal	Pass
2	5940.600	58.26	68.2	9.94	Peak	307.00	200	Horizontal	Pass

U-NII-3 11ac20 Low Channel



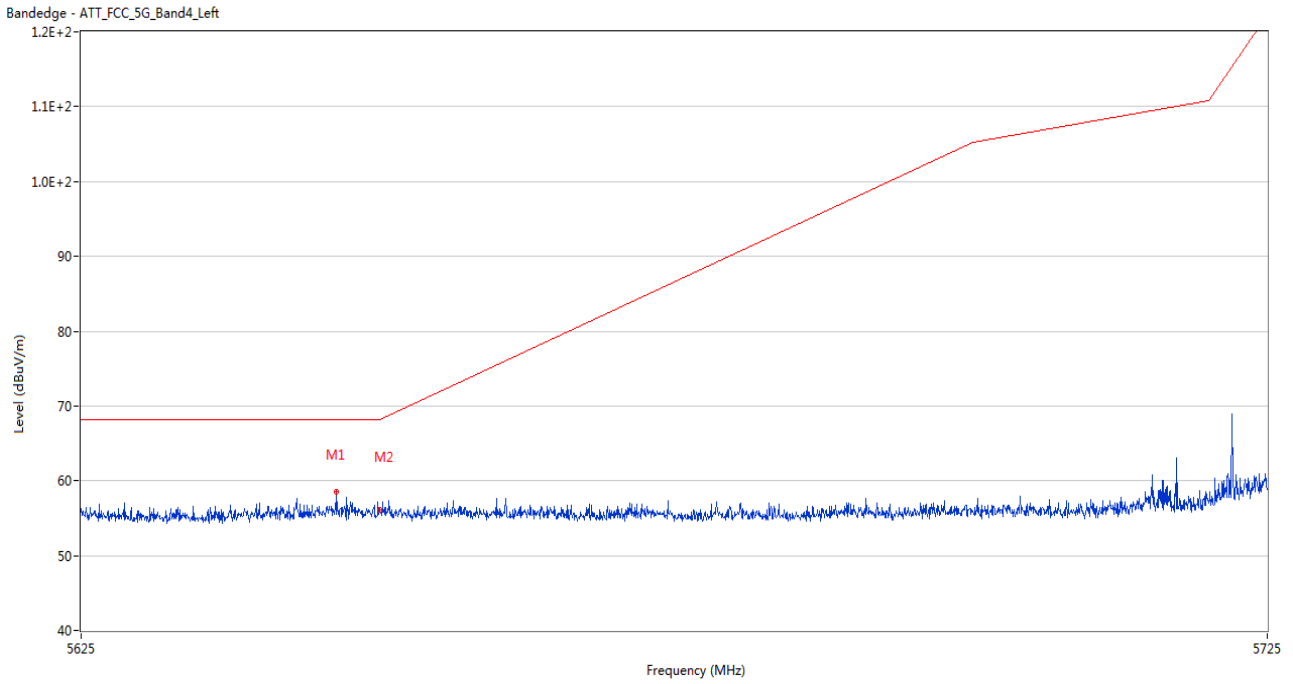
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5634.300	57.47	68.2	10.73	Peak	26.00	100	Horizontal	Pass
2	5650.000	57.65	68.2	10.55	Peak	249.00	100	Horizontal	Pass

U-NII-3 11ac20 High Channel



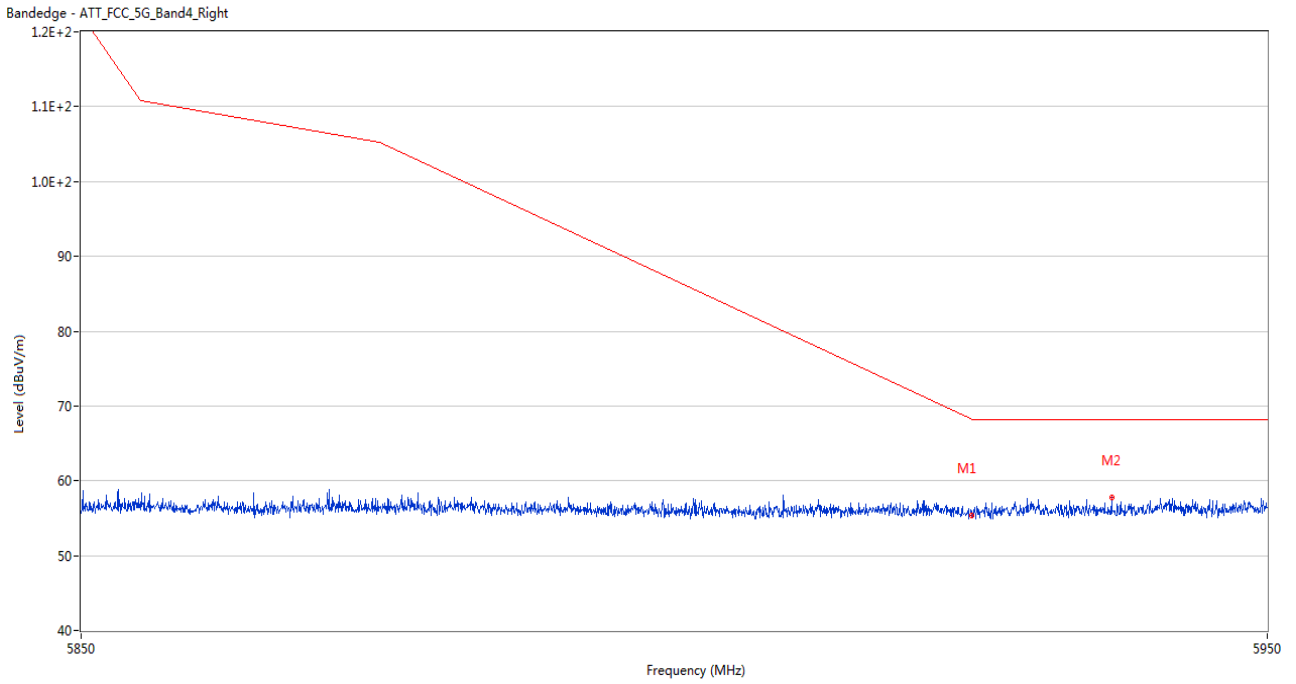
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.23	68.2	12.97	Peak	145.00	150	Horizontal	Pass
2	5931.850	58.24	68.2	9.96	Peak	213.00	100	Horizontal	Pass

U-NII-3 11ax20 (SU) Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.400	58.54	68.2	9.66	Peak	242.00	150	Horizontal	Pass
2	5650.000	56.13	68.2	12.07	Peak	72.00	150	Horizontal	Pass

U-NII-3 11ax20 (SU) High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.35	68.2	12.85	Peak	39.00	100	Horizontal	Pass
2	5936.800	57.77	68.2	10.43	Peak	105.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2490411-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2490411-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2490411-AI.PDF”.

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--END OF REPORT--