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
ISED Number:	26839-2402A
Test Standard:	47 CFR Part 15 Subpart E RSS-Gen Issue 5 RSS-247 Issue 3 (refer to section 3.1)
Sample Arrival Date:	Jul. 24, 2024
Test Date:	Jul. 24, 2024 - Aug. 12, 2024
Date of Issue:	Aug. 15, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Julie Zhu **Checked by:** Ye Hongji **Approved by:** Sunny Zou (Technical Director)

Revision History

Version	Issue Date	Revisions
Rev. 01	Aug. 15, 2024	Initial Issue

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☑ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196. The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A.

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
Serial Number	952700Y006OCBLOR
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

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

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☒ Mobile ☐ Portable ☐ Fix Location Indoor for IC standard
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: 3.42 dBi U-NII-2A: 5250 MHz to 5350 MHz: 3.40 dBi U-NII-2C: 5470 MHz to 5725 MHz: 3.07 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.79 dBi
About the Product	The equipment is WiFi module, intended for used with information technology equipment.

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	RSS-Gen Issue 5	General Requirements for Compliance of Radio Apparatus
3	RSS-247 Issue 3	Digital Transmission Systems (DTSs), Frequency Hopping Systems(FHSs) and Licence-Exemp Local Area Network (LE-LAN) Devices
4	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
5	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	RSS Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	RSS-247, 6.2	--	Pass[Note1]
2	RF Output Power	15.407(a)	RSS-247, 6.2	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	RSS-247, 6.2	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	RSS-247, 6.2	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	RSS-247, 6.2	ANNEX A.4	Pass
6	Conducted Emission	15.207	RSS-GEN, 8.8	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	RSS-247, 6.2	ANNEX A.6	Pass
8	Receiver Spurious Emissions	--	RSS-Gen, 7.1.2	--	N/A[Note2]

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

Note [2]: Only radio communication receivers operating in stand-alone mode within the U-NII-30-960 MHz, as well as scanner receivers, are subject to Industry Canada requirements, so this test is not applicable.

Note [3]: Under all normal operating conditions specified in the user manual, frequency stability can keep radiation within the operating frequency band.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	42% to 66%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.9℃ to +24.8℃
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	MY50330200	2024.05.08	2025.05.07
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2024.07.04	2025.07.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2023.09.05	2024.09.04
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2022.02.23	2025.02.22
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2024.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2023.09.05	2024.09.04
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2022.02.19	2025.02.18
EMI Receiver	Agilent	N9038A	MY55330120	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-00867	2022.04.12	2025.04.11
Amplifier	COM-MV	ZT30-1000M	B2017119081	2023.12.05	2024.12.04
Anechoic Chamber	YiHeng	9m*6m*6m	142	2021.08.19	2024.08.18
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

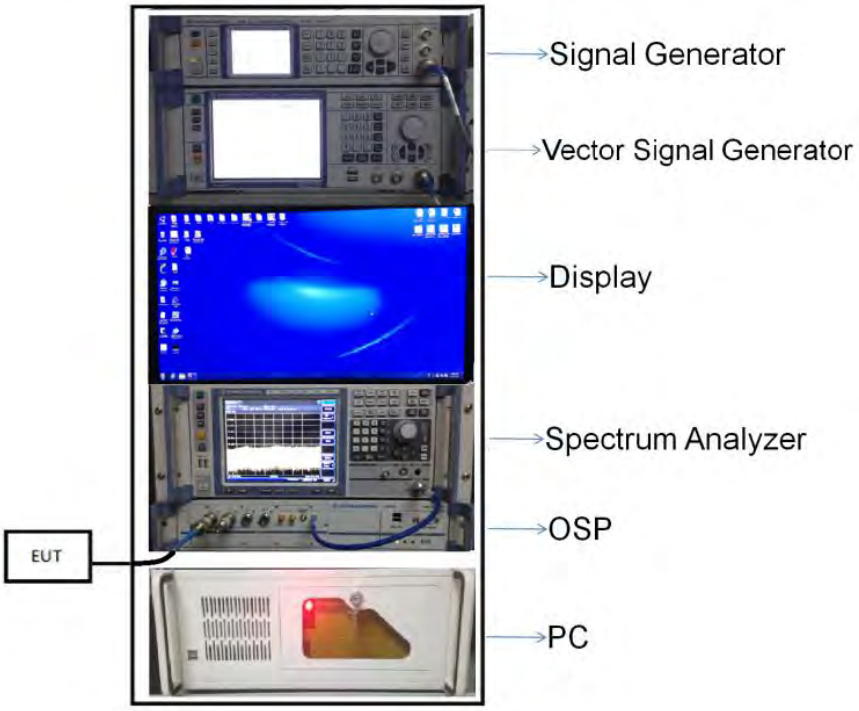
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8℃
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

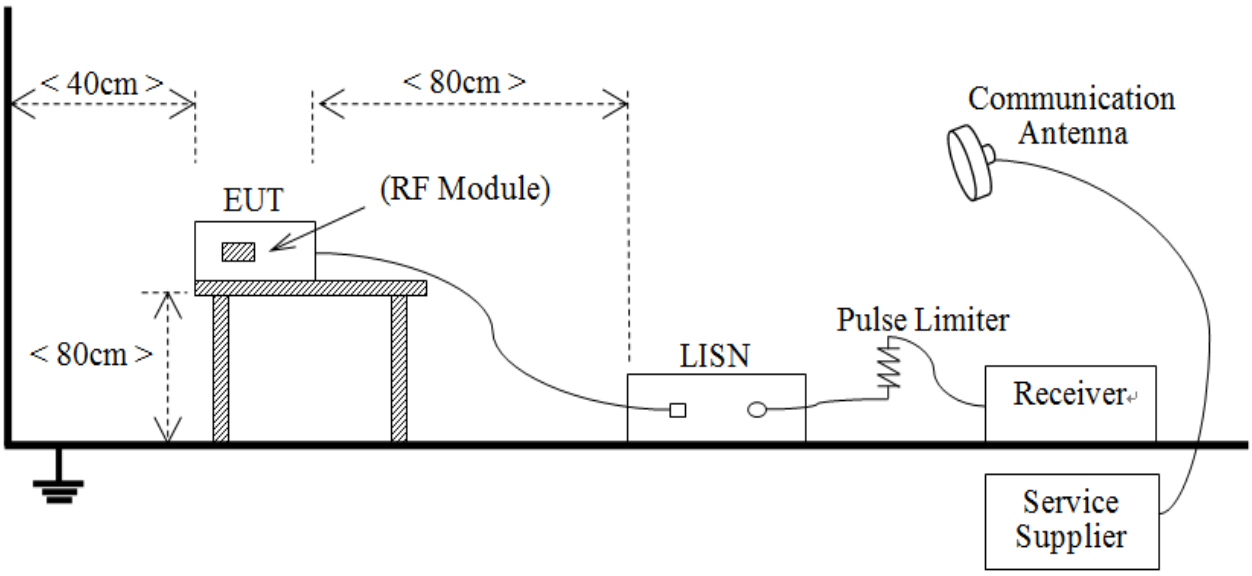
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

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



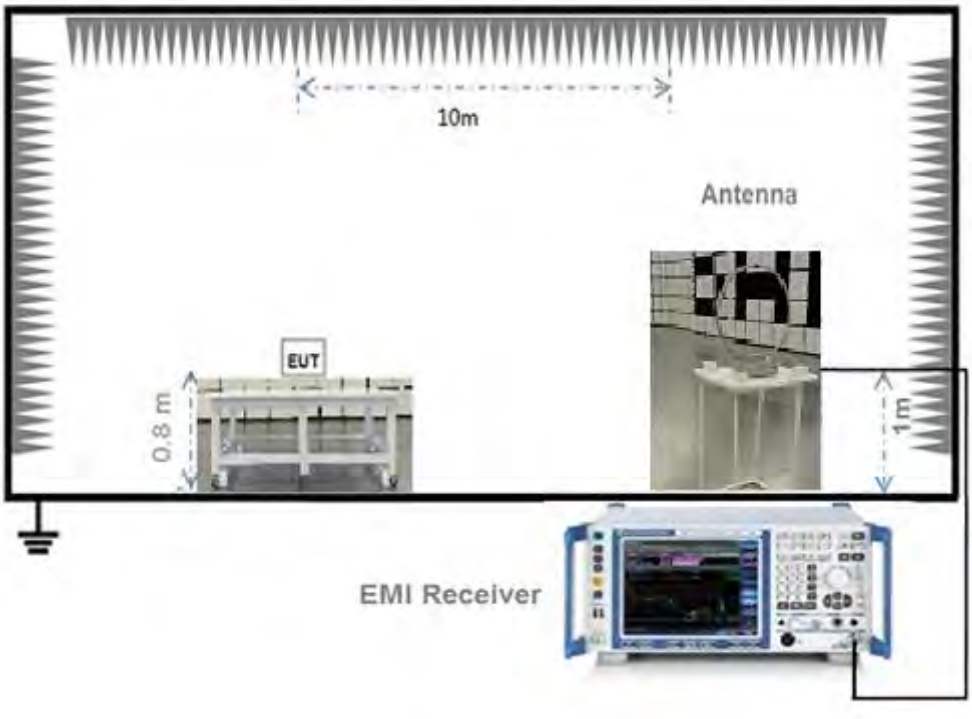
(Diagram 1)

4.5.2 For AC Power Supply Port Test



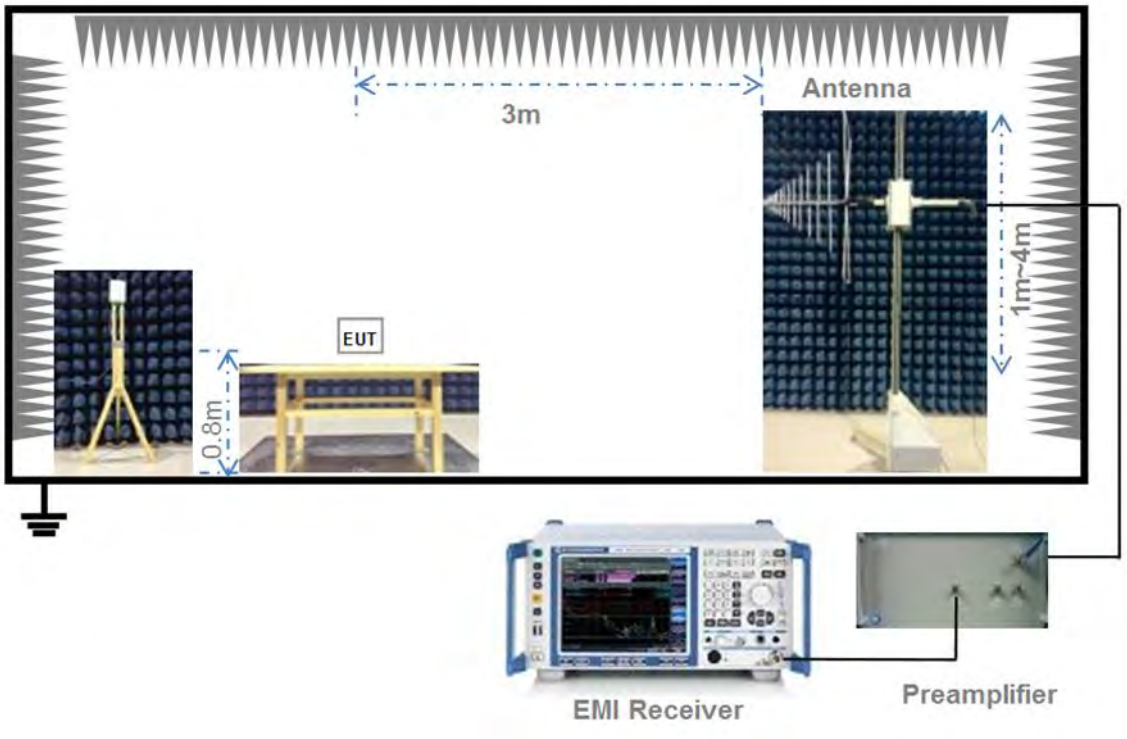
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



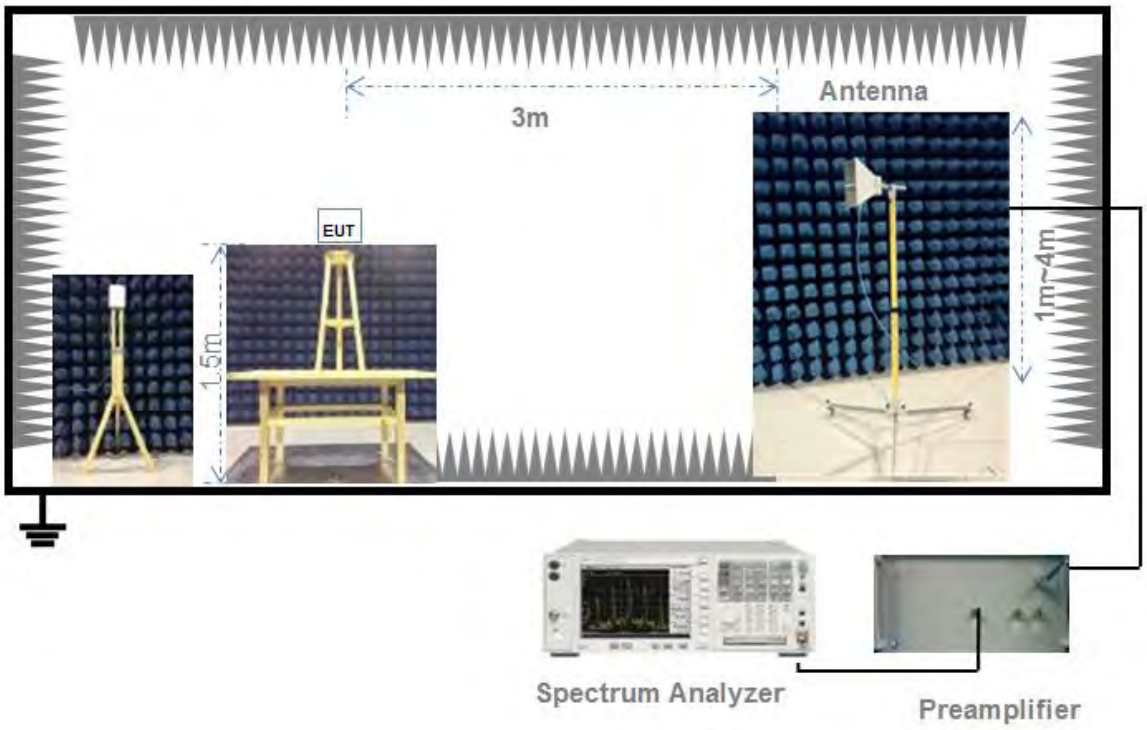
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

RSS-247, 6.2

The maximum conducted output power shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	N/A
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 99% emissions bandwidth in MHz.	

The maximum e.i.r.p. shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	200 mW or 10 dBm + 10log B, whichever is less.
5250-5350	1W or 17 dBm + 10log B, whichever is less.
5470-5725	1W or 17 dBm + 10log B, whichever is less.
5725-5850	N/A
Note1: Where “B” is the 99% emissions bandwidth in MHz. Note2: EIRP= maximum conducted output power+ Antenna Gain.	

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

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

3) The integration period of the power meter exceeds the repetition period of the transmitted signal by

at least a factor of five.

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

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

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

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

2. Set VBW ≥ 3*RBW,

3. Detector = Peak.

4. Trace mode = Max hold.

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

Occupied Bandwidth

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

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

3. Set VBW ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

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

6 dB bandwidth

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

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

3. Allow the trace to stabilize.

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

The e.i.r.p. spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	10 dBm/MHz
5250-5350	N/A
5470-5725	N/A
5725-5850	N/A
e.i.r.p. spectral density= maximum power spectral density+ Antenna Gain.	

5.3.2 Test Setup

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

5.3.3 Test Procedure

Set the spectrum analyzer or EMI receiver span to view the entire emission bandwidth.

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

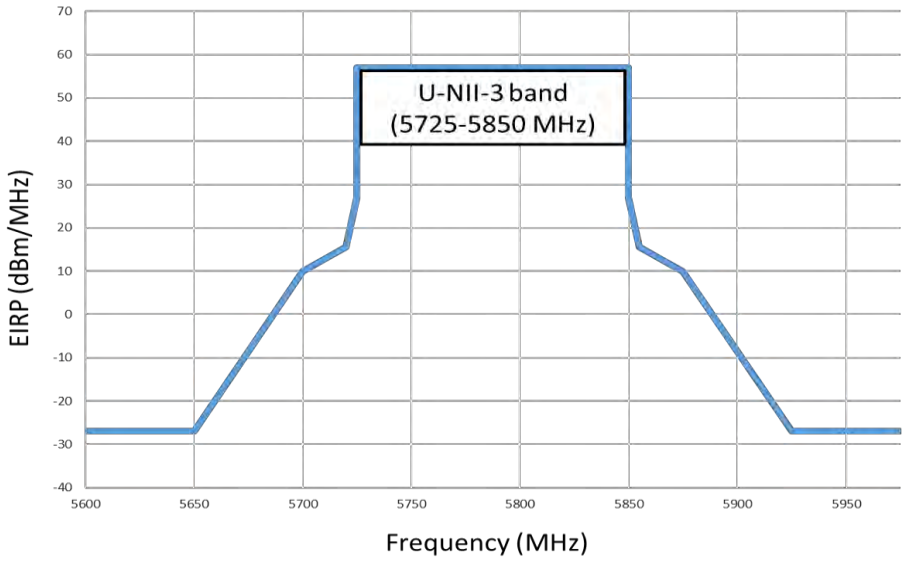
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

Note [1]: The Limit for radiated test was performed according to FCC Part 15C

Note [2]: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

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

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

E = EIRP – 20log D + 104.8

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable

emission limits using a peak detector.

Peak power measurement procedure

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

a) RBW = as specified in Table 1.

b) VBW ≥ 3 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

d) VBW ≥ 3 x RBW.

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

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

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

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

g) Sweep time = auto.

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

Since the out-of-band characteristics of the EUT transmit antenna will often be unknown, the use of a conservative antenna gain value is necessary. Thus, when determining the EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2 dBi, whichever is greater. However, for devices that operate in multiple frequency bands while using the same transmit antenna, the highest gain of the antenna within the operating band nearest in frequency to the restricted band emission being measured may be used in lieu of the overall highest gain when the emission is at a frequency that is within 20 percent of the nearest band edge frequency, but in no case shall a value less than 2 dBi be used.

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

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

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note [1]: 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.

Note [2]: For IC standard, the U-NII-3 (5725 - 5850 MHz) 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

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	16.72	46.99	165	Pass
11a	CH44	16.89	48.87	165	Pass
11a	CH48	16.35	43.15	165	Pass
11n (HT20)	CH36	16.63	46.03	175	Pass
11n (HT20)	CH44	16.75	47.32	175	Pass
11n (HT20)	CH48	16.61	45.81	175	Pass
11ac (VHT20)	CH36	16.62	45.92	176	Pass
11ac (VHT20)	CH44	16.78	47.64	175	Pass
11ac (VHT20)	CH48	16.65	46.24	176	Pass
11ax (HE20)	CH36	16.52	44.87	188	Pass
11ax (HE20)	CH44	16.64	46.13	188	Pass
11ax (HE20)	CH48	16.44	44.06	188	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH52	15.76	37.67	829	Pass
11a	CH60	15.53	35.73	829	Pass
11a	CH64	14.75	29.85	830	Pass
11n (HT20)	CH52	15.66	36.81	880	Pass
11n (HT20)	CH60	14.90	30.90	880	Pass
11n (HT20)	CH64	14.88	30.76	880	Pass
11ac (VHT20)	CH52	15.70	37.15	880	Pass
11ac (VHT20)	CH60	14.86	30.62	880	Pass
11ac (VHT20)	CH64	14.86	30.62	880	Pass
11ax (HE20)	CH52	15.80	38.02	943	Pass
11ax (HE20)	CH60	15.11	32.43	943	Pass
11ax (HE20)	CH64	15.08	32.21	943	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH100	14.49	28.12	830	Pass
11a	CH116	15.79	37.93	829	Pass
11a	CH140	15.56	35.97	829	Pass
11n (HT20)	CH100	14.31	26.98	880	Pass
11n (HT20)	CH116	15.56	35.97	880	Pass
11n (HT20)	CH140	15.42	34.83	880	Pass
11ac (VHT20)	CH100	14.28	26.79	880	Pass
11ac (VHT20)	CH116	15.55	35.89	880	Pass
11ac (VHT20)	CH140	15.31	33.96	880	Pass
11ax (HE20)	CH100	14.55	28.51	943	Pass
11ax (HE20)	CH116	15.82	38.19	913	Pass
11ax (HE20)	CH140	15.57	36.06	943	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	14.61	28.91	Pass
11a	CH157	14.69	29.44	Pass
11a	CH165	14.10	25.70	Pass
11n (HT20)	CH149	14.41	27.61	Pass
11n (HT20)	CH157	14.50	28.18	Pass
11n (HT20)	CH165	13.90	24.55	Pass
11ac (VHT20)	CH149	14.46	27.93	Pass
11ac (VHT20)	CH157	14.50	28.18	Pass
11ac (VHT20)	CH165	13.95	24.83	Pass
11ax (HE20)	CH149	14.66	29.24	Pass
11ax (HE20)	CH157	14.61	28.91	Pass
11ax (HE20)	CH165	14.00	25.12	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2471080-603 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-SZ2471080-603 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-SZ2471080-603 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

E.I.R.P

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	E.I.R.P PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
11a	CH36	6.17	10.00	Pass
11a	CH44	6.51	10.00	Pass
11a	CH48	5.97	10.00	Pass
11n (HT20)	CH36	5.79	10.00	Pass
11n (HT20)	CH44	6.06	10.00	Pass
11n (HT20)	CH48	5.90	10.00	Pass
11ac (VHT20)	CH36	5.90	10.00	Pass
11ac (VHT20)	CH44	6.28	10.00	Pass
11ac (VHT20)	CH48	5.93	10.00	Pass
11ax (HE20)	CH36	5.32	10.00	Pass
11ax (HE20)	CH44	5.75	10.00	Pass
11ax (HE20)	CH48	5.48	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH52	5.46	Pass
11a	CH60	4.95	Pass
11a	CH64	3.55	Pass
11n (HT20)	CH52	4.95	Pass
11n (HT20)	CH60	3.95	Pass
11n (HT20)	CH64	3.62	Pass
11ac (VHT20)	CH52	5.18	Pass
11ac (VHT20)	CH60	3.89	Pass
11ac (VHT20)	CH64	3.83	Pass
11ax (HE20)	CH52	5.00	Pass
11ax (HE20)	CH60	3.77	Pass
11ax (HE20)	CH64	3.53	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	3.81	Pass
11a	CH116	5.11	Pass
11a	CH140	4.79	Pass
11n (HT20)	CH100	3.49	Pass
11n (HT20)	CH116	4.52	Pass
11n (HT20)	CH140	4.48	Pass
11ac (VHT20)	CH100	3.51	Pass
11ac (VHT20)	CH116	4.67	Pass
11ac (VHT20)	CH140	4.40	Pass
11ax (HE20)	CH100	3.35	Pass
11ax (HE20)	CH116	4.61	Pass
11ax (HE20)	CH140	4.33	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH149	1.21	Pass
11a	CH157	1.34	Pass
11a	CH165	0.56	Pass
11n (HT20)	CH149	0.85	Pass
11n (HT20)	CH157	0.83	Pass
11n (HT20)	CH165	0.20	Pass
11ac (VHT20)	CH149	0.81	Pass
11ac (VHT20)	CH157	0.84	Pass
11ac (VHT20)	CH165	0.19	Pass
11ax (HE20)	CH149	0.48	Pass
11ax (HE20)	CH157	1.03	Pass
11ax (HE20)	CH165	-0.13	Pass

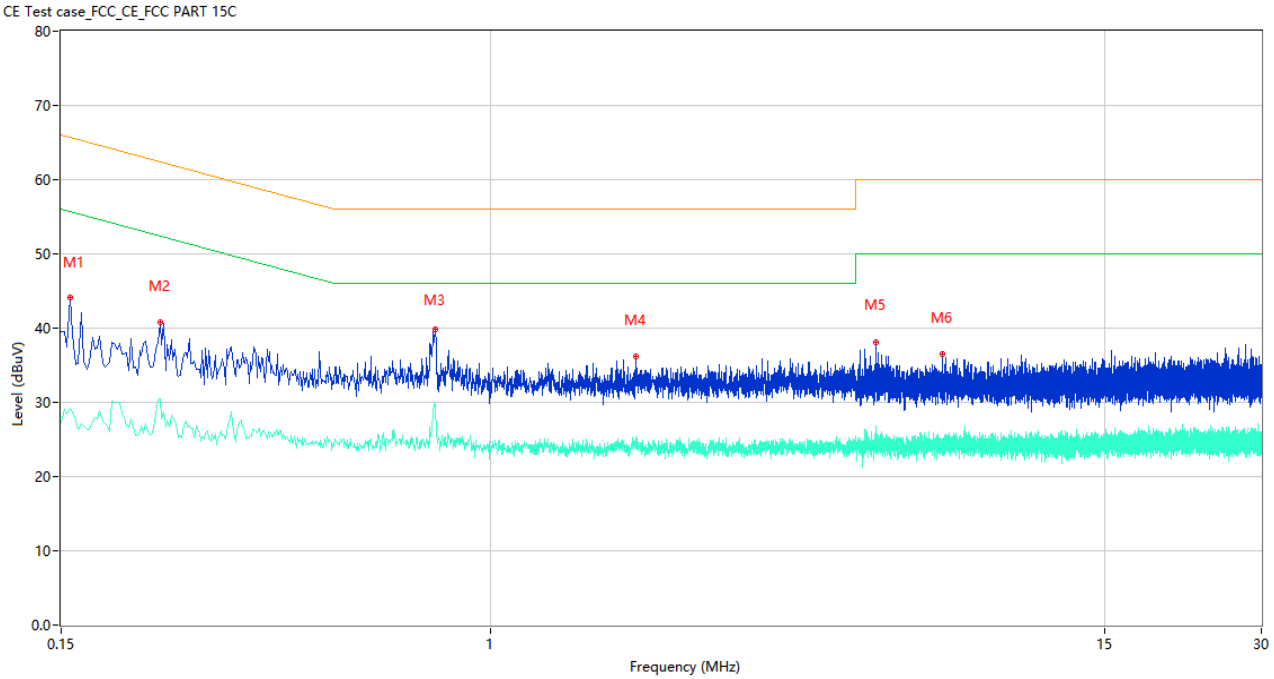
A.5 Conducted Emissions

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

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

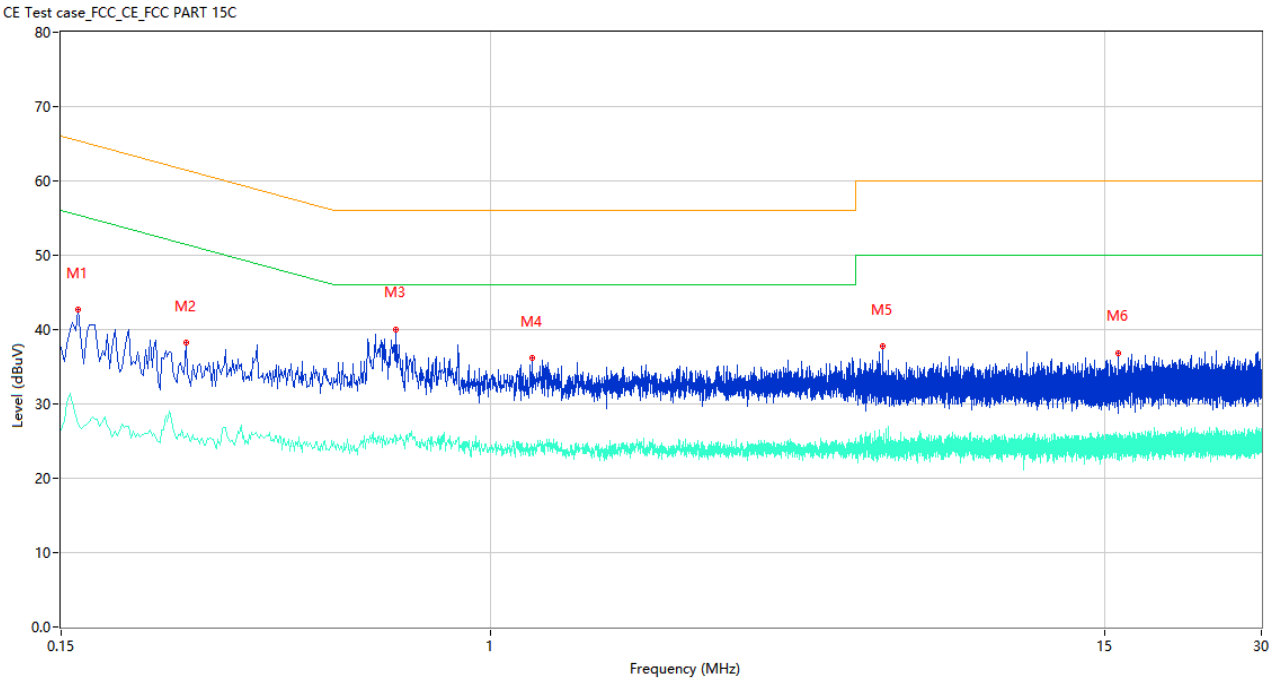
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	44.15	9.78	65.67	21.52	Peak	L	Pass
1**	0.156	29.20	9.78	55.67	26.47	AV	L	Pass
2	0.232	40.75	9.77	62.38	21.63	Peak	L	Pass
2**	0.232	30.48	9.77	52.38	21.90	AV	L	Pass
3	0.784	39.92	10.42	56.00	16.08	Peak	L	Pass
3**	0.784	28.87	10.42	46.00	17.13	AV	L	Pass
4	1.892	36.15	10.68	56.00	19.85	Peak	L	Pass
4**	1.892	23.85	10.68	46.00	22.15	AV	L	Pass
5	5.468	38.13	10.22	60.00	21.87	Peak	L	Pass
5**	5.468	24.59	10.22	50.00	25.41	AV	L	Pass
6	7.340	36.50	9.99	60.00	23.50	Peak	L	Pass
6**	7.340	24.85	9.99	50.00	25.15	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.162	42.65	9.78	65.36	22.71	Peak	N	Pass
1**	0.162	27.34	9.78	55.36	28.02	AV	N	Pass
2	0.260	38.20	9.76	61.43	23.23	Peak	N	Pass
2**	0.260	25.60	9.76	51.43	25.83	AV	N	Pass
3	0.656	40.01	10.27	56.00	15.99	Peak	N	Pass
3**	0.656	25.75	10.27	46.00	20.25	AV	N	Pass
4	1.198	36.18	9.91	56.00	19.82	Peak	N	Pass
4**	1.198	24.24	9.91	46.00	21.76	AV	N	Pass
5	5.652	37.71	10.36	60.00	22.29	Peak	N	Pass
5**	5.652	23.43	10.36	50.00	26.57	AV	N	Pass
6	15.960	36.88	10.52	60.00	23.12	Peak	N	Pass
6**	15.960	24.41	10.52	50.00	25.59	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.

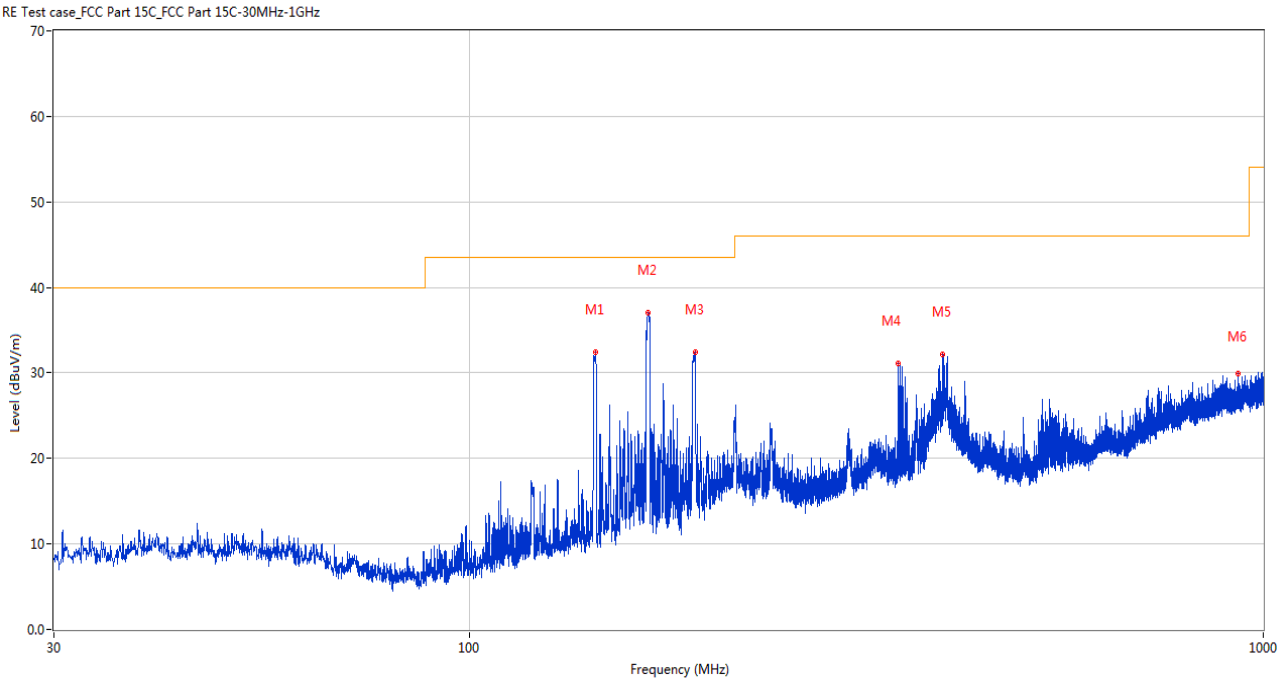
Note [2]: For the test data above 1 GHz， According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

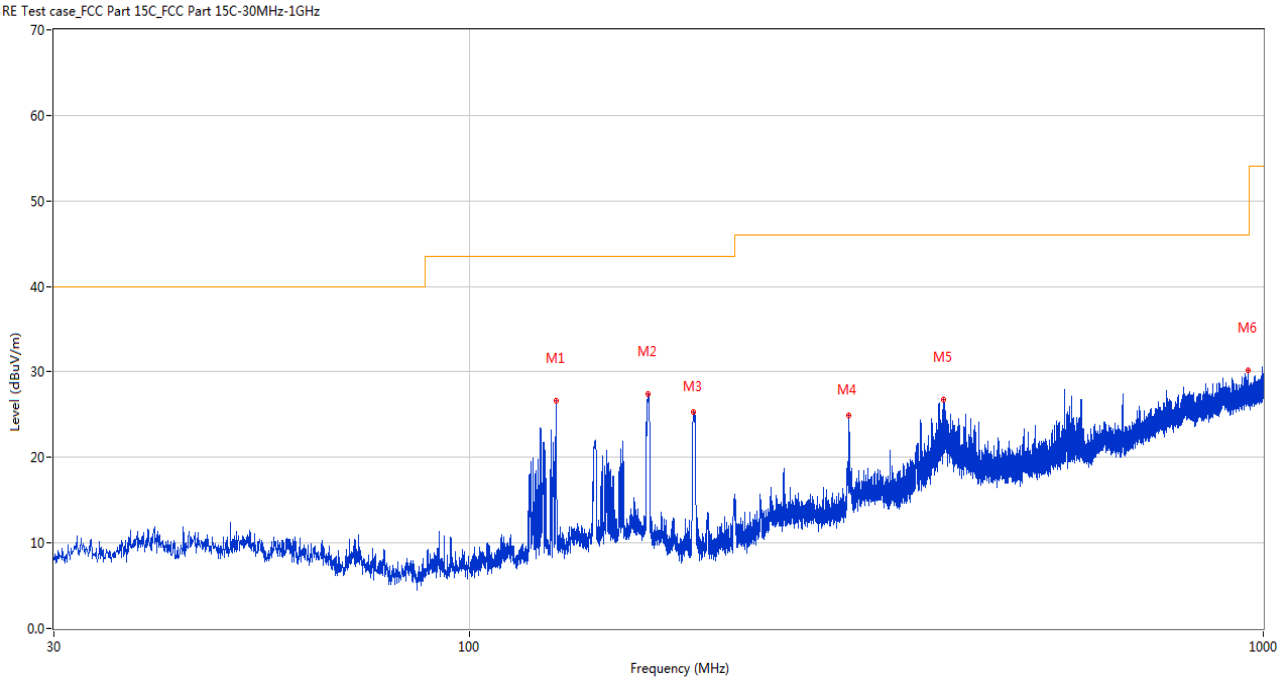
Test Data and Plots

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	144.314	32.43	-26.24	43.5	11.07	Peak	162.00	200	Horizontal	Pass
2	167.934	37.10	-25.50	43.5	6.40	Peak	356.00	200	Horizontal	Pass
3	192.572	32.41	-28.34	43.5	11.09	Peak	165.00	200	Horizontal	Pass
4	346.705	31.10	-23.92	46.0	14.90	Peak	217.00	100	Horizontal	Pass
5	394.962	32.23	-21.32	46.0	13.77	Peak	315.00	100	Horizontal	Pass
6	929.820	29.95	-10.78	46.0	16.05	Peak	226.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	128.649	26.64	-27.45	43.5	16.86	Peak	51.00	100	Vertical	Pass
2	168.128	27.41	-25.52	43.5	16.09	Peak	113.00	200	Vertical	Pass
3	191.505	25.27	-28.31	43.5	18.23	Peak	116.00	200	Vertical	Pass
4	300.921	24.93	-24.64	46.0	21.07	Peak	135.00	200	Vertical	Pass
5	395.738	26.72	-21.30	46.0	19.28	Peak	175.00	100	Vertical	Pass
6	957.514	30.16	-10.15	46.0	15.84	Peak	245.00	100	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.500	38.62	-17.12	74.0	35.38	Peak	0.00	300	Horizontal	Pass
1**	1583.500	29.06	-17.12	54.0	24.94	AV	0.00	300	Horizontal	Pass
2	4380.400	50.55	-3.39	74.0	23.45	Peak	53.00	200	Horizontal	Pass
2**	4380.400	41.58	-3.39	54.0	12.42	AV	53.00	200	Horizontal	Pass
3	5178.200	102.48	-2.52	--	--	Peak	41.00	200	Horizontal	N/A
3**	5178.200	94.74	-2.52	--	--	AV	41.00	200	Horizontal	N/A
4	7499.962	49.60	-3.55	74.0	24.40	Peak	141.00	300	Horizontal	Pass
4**	7499.962	39.31	-3.55	54.0	14.69	AV	141.00	300	Horizontal	Pass
5	11910.787	53.41	1.52	74.0	20.59	Peak	141.00	100	Horizontal	Pass
5**	11910.787	42.75	1.52	54.0	11.25	AV	141.00	100	Horizontal	Pass
6	15850.125	56.24	1.33	74.0	17.76	Peak	116.00	100	Horizontal	Pass
6**	15850.125	47.18	1.33	54.0	6.82	AV	116.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1561.500	38.57	-16.80	74.0	35.43	Peak	360.00	300	Vertical	Pass
1**	1561.500	29.91	-16.80	54.0	24.09	AV	360.00	300	Vertical	Pass
2	4378.600	50.35	-3.40	74.0	23.65	Peak	36.00	400	Vertical	Pass
2**	4378.600	41.54	-3.40	54.0	12.46	AV	36.00	400	Vertical	Pass
3	5181.800	107.29	-2.62	--	--	Peak	73.00	100	Vertical	N/A
3**	5181.800	99.46	-2.62	--	--	AV	73.00	100	Vertical	N/A
4	7687.413	49.67	-2.12	74.0	24.33	Peak	146.00	200	Vertical	Pass
4**	7687.413	40.10	-2.12	54.0	13.90	AV	146.00	200	Vertical	Pass
5	12270.451	53.13	1.46	74.0	20.87	Peak	34.00	200	Vertical	Pass
5**	12270.451	43.62	1.46	54.0	10.38	AV	34.00	200	Vertical	Pass
6	15678.975	55.33	1.57	74.0	18.67	Peak	316.00	100	Vertical	Pass
6**	15678.975	46.57	1.57	54.0	7.43	AV	316.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.600	38.48	-16.86	74.0	35.52	Peak	80.00	300	Horizontal	Pass
1**	1491.600	29.27	-16.86	54.0	24.73	AV	80.00	300	Horizontal	Pass
2	4381.400	50.35	-3.56	74.0	23.65	Peak	178.00	100	Horizontal	Pass
2**	4381.400	42.90	-3.56	54.0	11.10	AV	178.00	100	Horizontal	Pass
3	5218.600	103.30	-2.84	--	--	Peak	24.00	100	Horizontal	N/A
3**	5218.600	95.85	-2.84	--	--	AV	24.00	100	Horizontal	N/A
4	7326.888	49.87	-3.40	74.0	24.13	Peak	85.00	200	Horizontal	Pass
4**	7326.888	41.19	-3.40	54.0	12.81	AV	85.00	200	Horizontal	Pass
5	12287.700	53.34	1.72	74.0	20.66	Peak	351.00	150	Horizontal	Pass
5**	12287.700	43.94	1.72	54.0	10.06	AV	351.00	150	Horizontal	Pass
6	15838.838	56.04	1.45	74.0	17.96	Peak	175.00	300	Horizontal	Pass
6**	15838.838	46.84	1.45	54.0	7.16	AV	175.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.100	39.09	-17.18	74.0	34.91	Peak	150.00	100	Vertical	Pass
1**	1516.100	29.01	-17.18	54.0	24.99	AV	150.00	100	Vertical	Pass
2	4370.800	49.95	-4.19	74.0	24.05	Peak	254.00	100	Vertical	Pass
2**	4370.800	40.57	-4.19	54.0	13.43	AV	254.00	100	Vertical	Pass
3	5215.200	106.87	-2.54	--	--	Peak	279.00	100	Vertical	N/A
3**	5215.200	98.60	-2.54	--	--	AV	279.00	100	Vertical	N/A
4	7318.837	49.20	-3.00	74.0	24.80	Peak	53.00	300	Vertical	Pass
4**	7318.837	40.05	-3.00	54.0	13.95	AV	53.00	300	Vertical	Pass
5	12405.287	53.27	1.48	74.0	20.73	Peak	327.00	100	Vertical	Pass
5**	12405.287	43.74	1.48	54.0	10.26	AV	327.00	100	Vertical	Pass
6	16047.526	55.83	0.74	74.0	18.17	Peak	215.00	300	Vertical	Pass
6**	16047.526	46.51	0.74	54.0	7.49	AV	215.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.500	38.84	-16.77	74.0	35.16	Peak	227.00	400	Horizontal	Pass
1**	1490.500	30.01	-16.77	54.0	23.99	AV	227.00	400	Horizontal	Pass
2	4384.200	49.92	-3.61	74.0	24.08	Peak	171.00	100	Horizontal	Pass
2**	4384.200	41.55	-3.61	54.0	12.45	AV	171.00	100	Horizontal	Pass
3	5238.600	102.00	-2.59	--	--	Peak	38.00	150	Horizontal	N/A
3**	5238.600	95.41	-2.59	--	--	AV	38.00	150	Horizontal	N/A
4	7380.075	49.30	-3.47	74.0	24.70	Peak	346.00	100	Horizontal	Pass
4**	7380.075	41.53	-3.47	54.0	12.47	AV	346.00	100	Horizontal	Pass
5	12310.988	53.06	1.38	74.0	20.94	Peak	14.00	100	Horizontal	Pass
5**	12310.988	44.33	1.38	54.0	9.67	AV	14.00	100	Horizontal	Pass
6	16025.475	56.39	0.68	74.0	17.61	Peak	259.00	200	Horizontal	Pass
6**	16025.475	46.63	0.68	54.0	7.37	AV	259.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1558.100	38.59	-16.99	74.0	35.41	Peak	86.00	300	Vertical	Pass
1**	1558.100	30.88	-16.99	54.0	23.12	AV	86.00	300	Vertical	Pass
2	4383.400	50.34	-3.64	74.0	23.66	Peak	187.00	200	Vertical	Pass
2**	4383.400	41.23	-3.64	54.0	12.77	AV	187.00	200	Vertical	Pass
3	5238.600	105.98	-2.59	--	--	Peak	84.00	100	Vertical	N/A
3**	5238.600	98.19	-2.59	--	--	AV	84.00	100	Vertical	N/A
4	7341.550	49.27	-3.12	74.0	24.73	Peak	79.00	400	Vertical	Pass
4**	7341.550	40.70	-3.12	54.0	13.30	AV	79.00	400	Vertical	Pass
5	12103.412	53.39	0.59	74.0	20.61	Peak	16.00	150	Vertical	Pass
5**	12103.412	42.98	0.59	54.0	11.02	AV	16.00	150	Vertical	Pass
6	16019.963	55.72	0.52	74.0	18.28	Peak	0.00	300	Vertical	Pass
6**	16019.963	46.38	0.52	54.0	7.62	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.800	38.86	-17.17	74.0	35.14	Peak	360.00	300	Horizontal	Pass
1**	1479.800	29.09	-17.17	54.0	24.91	AV	360.00	300	Horizontal	Pass
2	4212.800	50.45	-4.44	74.0	23.55	Peak	321.00	300	Horizontal	Pass
2**	4212.800	41.11	-4.44	54.0	12.89	AV	321.00	300	Horizontal	Pass
3	5178.600	103.12	-2.53	--	--	Peak	41.00	150	Horizontal	N/A
3**	5178.600	94.87	-2.53	--	--	AV	41.00	150	Horizontal	N/A
4	7341.837	49.69	-3.15	74.0	24.31	Peak	0.00	300	Horizontal	Pass
4**	7341.837	40.67	-3.15	54.0	13.33	AV	0.00	300	Horizontal	Pass
5	12304.375	52.97	1.40	74.0	21.03	Peak	19.00	150	Horizontal	Pass
5**	12304.375	43.29	1.40	54.0	10.71	AV	19.00	150	Horizontal	Pass
6	15833.326	55.58	1.47	74.0	18.42	Peak	197.00	150	Horizontal	Pass
6**	15833.326	46.44	1.47	54.0	7.56	AV	197.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.000	39.05	-17.17	74.0	34.95	Peak	262.00	300	Vertical	Pass
1**	1498.000	28.82	-17.17	54.0	25.18	AV	262.00	300	Vertical	Pass
2	4385.800	50.40	-3.33	74.0	23.60	Peak	104.00	300	Vertical	Pass
2**	4385.800	41.72	-3.33	54.0	12.28	AV	104.00	300	Vertical	Pass
3	5177.600	107.00	-2.52	--	--	Peak	88.00	100	Vertical	N/A
3**	5177.600	99.53	-2.52	--	--	AV	88.00	100	Vertical	N/A
4	7594.550	49.61	-3.13	74.0	24.39	Peak	338.00	300	Vertical	Pass
4**	7594.550	39.68	-3.13	54.0	14.32	AV	338.00	300	Vertical	Pass
5	11773.938	52.21	1.28	74.0	21.79	Peak	254.00	150	Vertical	Pass
5**	11773.938	43.48	1.28	54.0	10.52	AV	254.00	150	Vertical	Pass
6	15792.900	55.66	2.10	74.0	18.34	Peak	343.00	100	Vertical	Pass
6**	15792.900	45.51	2.10	54.0	8.49	AV	343.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.500	39.35	-16.92	74.0	34.65	Peak	307.00	400	Horizontal	Pass
1**	1622.500	30.16	-16.92	54.0	23.84	AV	307.00	400	Horizontal	Pass
2	4386.800	51.49	-3.31	74.0	22.51	Peak	360.00	400	Horizontal	Pass
2**	4386.800	41.95	-3.31	54.0	12.05	AV	360.00	400	Horizontal	Pass
3	5218.600	102.67	-2.84	--	--	Peak	32.00	150	Horizontal	N/A
3**	5218.600	95.31	-2.84	--	--	AV	32.00	150	Horizontal	N/A
4	7319.987	49.85	-3.06	74.0	24.15	Peak	319.00	300	Horizontal	Pass
4**	7319.987	40.62	-3.06	54.0	13.38	AV	319.00	300	Horizontal	Pass
5	11951.612	53.03	1.32	74.0	20.97	Peak	345.00	200	Horizontal	Pass
5**	11951.612	44.72	1.32	54.0	9.28	AV	345.00	200	Horizontal	Pass
6	15665.325	55.55	1.35	74.0	18.45	Peak	6.00	100	Horizontal	Pass
6**	15665.325	46.62	1.35	54.0	7.38	AV	6.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.100	39.17	-17.13	74.0	34.83	Peak	0.00	400	Vertical	Pass
1**	1569.100	29.03	-17.13	54.0	24.97	AV	0.00	400	Vertical	Pass
2	4390.800	49.79	-3.35	74.0	24.21	Peak	252.00	100	Vertical	Pass
2**	4390.800	42.43	-3.35	54.0	11.57	AV	252.00	100	Vertical	Pass
3	5218.400	107.13	-2.82	--	--	Peak	71.00	200	Vertical	N/A
3**	5218.400	99.31	-2.82	--	--	AV	71.00	200	Vertical	N/A
4	7510.888	49.05	-3.19	74.0	24.95	Peak	79.00	400	Vertical	Pass
4**	7510.888	40.66	-3.19	54.0	13.34	AV	79.00	400	Vertical	Pass
5	12274.187	53.46	1.59	74.0	20.54	Peak	360.00	100	Vertical	Pass
5**	12274.187	43.85	1.59	54.0	10.15	AV	360.00	100	Vertical	Pass
6	16091.362	55.23	1.41	74.0	18.77	Peak	256.00	100	Vertical	Pass
6**	16091.362	45.71	1.41	54.0	8.29	AV	256.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.300	39.06	-16.69	74.0	34.94	Peak	272.00	300	Horizontal	Pass
1**	1485.300	31.08	-16.69	54.0	22.92	AV	272.00	300	Horizontal	Pass
2	4389.200	50.54	-3.36	74.0	23.46	Peak	156.00	200	Horizontal	Pass
2**	4389.200	41.32	-3.36	54.0	12.68	AV	156.00	200	Horizontal	Pass
3	5238.800	101.94	-2.61	--	--	Peak	43.00	200	Horizontal	N/A
3**	5238.800	95.27	-2.61	--	--	AV	43.00	200	Horizontal	N/A
4	7339.537	49.46	-2.93	74.0	24.54	Peak	13.00	400	Horizontal	Pass
4**	7339.537	41.08	-2.93	54.0	12.92	AV	13.00	400	Horizontal	Pass
5	12230.200	53.52	1.30	74.0	20.48	Peak	262.00	200	Horizontal	Pass
5**	12230.200	44.13	1.30	54.0	9.87	AV	262.00	200	Horizontal	Pass
6	15800.513	55.83	2.33	74.0	18.17	Peak	160.00	300	Horizontal	Pass
6**	15800.513	47.43	2.33	54.0	6.57	AV	160.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1618.400	39.00	-17.34	74.0	35.00	Peak	334.00	300	Vertical	Pass
1**	1618.400	29.14	-17.34	54.0	24.86	AV	334.00	300	Vertical	Pass
2	4370.200	50.09	-4.08	74.0	23.91	Peak	261.00	300	Vertical	Pass
2**	4370.200	40.69	-4.08	54.0	13.31	AV	261.00	300	Vertical	Pass
3	5242.400	107.03	-2.41	--	--	Peak	84.00	150	Vertical	N/A
3**	5242.400	99.60	-2.41	--	--	AV	84.00	150	Vertical	N/A
4	7363.400	49.76	-3.76	74.0	24.24	Peak	320.00	200	Vertical	Pass
4**	7363.400	39.69	-3.76	54.0	14.31	AV	320.00	200	Vertical	Pass
5	12417.937	52.76	1.40	74.0	21.24	Peak	52.00	100	Vertical	Pass
5**	12417.937	43.27	1.40	54.0	10.73	AV	52.00	100	Vertical	Pass
6	16074.299	55.80	1.51	74.0	18.20	Peak	240.00	400	Vertical	Pass
6**	16074.299	46.81	1.51	54.0	7.19	AV	240.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.300	38.97	-17.11	74.0	35.03	Peak	189.00	100	Horizontal	Pass
1**	1538.300	29.13	-17.11	54.0	24.87	AV	189.00	100	Horizontal	Pass
2	4378.000	49.84	-3.46	74.0	24.16	Peak	0.00	400	Horizontal	Pass
2**	4378.000	41.28	-3.46	54.0	12.72	AV	0.00	400	Horizontal	Pass
3	5178.400	102.65	-2.52	--	--	Peak	41.00	100	Horizontal	N/A
3**	5178.400	94.94	-2.52	--	--	AV	41.00	100	Horizontal	N/A
4	7342.413	50.08	-3.23	74.0	23.92	Peak	14.00	400	Horizontal	Pass
4**	7342.413	40.38	-3.23	54.0	13.62	AV	14.00	400	Horizontal	Pass
5	12355.262	52.61	1.17	74.0	21.39	Peak	14.00	150	Horizontal	Pass
5**	12355.262	42.69	1.17	54.0	11.31	AV	14.00	150	Horizontal	Pass
6	15503.100	56.45	1.23	74.0	17.55	Peak	283.00	200	Horizontal	Pass
6**	15503.100	45.90	1.23	54.0	8.10	AV	283.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.400	40.09	-17.05	74.0	33.91	Peak	47.00	300	Vertical	Pass
1**	1499.400	30.79	-17.05	54.0	23.21	AV	47.00	300	Vertical	Pass
2	4383.600	50.12	-3.64	74.0	23.88	Peak	168.00	100	Vertical	Pass
2**	4383.600	42.11	-3.64	54.0	11.89	AV	168.00	100	Vertical	Pass
3	5178.600	106.73	-2.53	--	--	Peak	77.00	150	Vertical	N/A
3**	5178.600	99.28	-2.53	--	--	AV	77.00	150	Vertical	N/A
4	7318.837	49.21	-3.00	74.0	24.79	Peak	253.00	400	Vertical	Pass
4**	7318.837	40.34	-3.00	54.0	13.66	AV	253.00	400	Vertical	Pass
5	11350.737	52.79	-0.05	74.0	21.21	Peak	317.00	200	Vertical	Pass
5**	11350.737	44.19	-0.05	54.0	9.81	AV	317.00	200	Vertical	Pass
6	15856.425	55.51	1.12	74.0	18.49	Peak	322.00	300	Vertical	Pass
6**	15856.425	45.98	1.12	54.0	8.02	AV	322.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.700	38.63	-16.99	74.0	35.37	Peak	78.00	400	Horizontal	Pass
1**	1499.700	29.28	-16.99	54.0	24.72	AV	78.00	400	Horizontal	Pass
2	4165.200	50.21	-4.83	74.0	23.79	Peak	228.00	300	Horizontal	Pass
2**	4165.200	40.52	-4.83	54.0	13.48	AV	228.00	300	Horizontal	Pass
3	5217.400	102.59	-2.72	--	--	Peak	48.00	150	Horizontal	N/A
3**	5217.400	94.82	-2.72	--	--	AV	48.00	150	Horizontal	N/A
4	7347.588	49.21	-3.70	74.0	24.79	Peak	107.00	200	Horizontal	Pass
4**	7347.588	40.86	-3.70	54.0	13.14	AV	107.00	200	Horizontal	Pass
5	11673.026	53.42	0.25	74.0	20.58	Peak	214.00	100	Horizontal	Pass
5**	11673.026	42.94	0.25	54.0	11.06	AV	214.00	100	Horizontal	Pass
6	15809.438	56.17	2.18	74.0	17.83	Peak	253.00	300	Horizontal	Pass
6**	15809.438	46.39	2.18	54.0	7.61	AV	253.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.500	39.12	-17.08	74.0	34.88	Peak	61.00	300	Vertical	Pass
1**	1497.500	30.25	-17.08	54.0	23.75	AV	61.00	300	Vertical	Pass
2	4386.000	51.02	-3.30	74.0	22.98	Peak	293.00	100	Vertical	Pass
2**	4386.000	41.11	-3.30	54.0	12.89	AV	293.00	100	Vertical	Pass
3	5221.400	106.44	-2.68	--	--	Peak	93.00	200	Vertical	N/A
3**	5221.400	98.93	-2.68	--	--	AV	93.00	200	Vertical	N/A
4	7510.025	49.59	-3.16	74.0	24.41	Peak	360.00	300	Vertical	Pass
4**	7510.025	39.91	-3.16	54.0	14.09	AV	360.00	300	Vertical	Pass
5	11922.862	53.05	1.51	74.0	20.95	Peak	17.00	100	Vertical	Pass
5**	11922.862	43.35	1.51	54.0	10.65	AV	17.00	100	Vertical	Pass
6	16116.563	56.18	0.66	74.0	17.82	Peak	141.00	100	Vertical	Pass
6**	16116.563	45.39	0.66	54.0	8.61	AV	141.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.800	38.84	-16.94	74.0	35.16	Peak	158.00	200	Horizontal	Pass
1**	1586.800	29.98	-16.94	54.0	24.02	AV	158.00	200	Horizontal	Pass
2	4383.600	50.15	-3.64	74.0	23.85	Peak	208.00	400	Horizontal	Pass
2**	4383.600	41.84	-3.64	54.0	12.16	AV	208.00	400	Horizontal	Pass
3	5242.000	102.59	-2.48	--	--	Peak	50.00	150	Horizontal	N/A
3**	5242.000	94.74	-2.48	--	--	AV	50.00	150	Horizontal	N/A
4	7336.663	49.46	-3.07	74.0	24.54	Peak	129.00	200	Horizontal	Pass
4**	7336.663	41.57	-3.07	54.0	12.43	AV	129.00	200	Horizontal	Pass
5	11774.224	52.76	1.28	74.0	21.24	Peak	0.00	200	Horizontal	Pass
5**	11774.224	43.01	1.28	54.0	10.99	AV	0.00	200	Horizontal	Pass
6	16078.763	55.99	1.62	74.0	18.01	Peak	140.00	200	Horizontal	Pass
6**	16078.763	46.94	1.62	54.0	7.06	AV	140.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1603.900	38.96	-17.43	74.0	35.04	Peak	236.00	200	Vertical	Pass
1**	1603.900	28.98	-17.43	54.0	25.02	AV	236.00	200	Vertical	Pass
2	4388.000	49.77	-3.39	74.0	24.23	Peak	7.00	400	Vertical	Pass
2**	4388.000	41.37	-3.39	54.0	12.63	AV	7.00	400	Vertical	Pass
3	5241.600	106.59	-2.54	--	--	Peak	73.00	200	Vertical	N/A
3**	5241.600	99.10	-2.54	--	--	AV	73.00	200	Vertical	N/A
4	7338.100	49.31	-2.89	74.0	24.69	Peak	360.00	400	Vertical	Pass
4**	7338.100	40.73	-2.89	54.0	13.27	AV	360.00	400	Vertical	Pass
5	12331.112	53.17	1.40	74.0	20.83	Peak	21.00	200	Vertical	Pass
5**	12331.112	43.24	1.40	54.0	10.76	AV	21.00	200	Vertical	Pass
6	15668.213	55.68	1.40	74.0	18.32	Peak	298.00	150	Vertical	Pass
6**	15668.213	46.67	1.40	54.0	7.33	AV	298.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.300	39.60	-17.31	74.0	34.40	Peak	235.00	400	Horizontal	Pass
1**	1620.300	34.98	-17.31	54.0	19.02	AV	235.00	400	Horizontal	Pass
2	4378.200	50.62	-3.44	74.0	23.38	Peak	316.00	100	Horizontal	Pass
2**	4378.200	41.03	-3.44	54.0	12.97	AV	316.00	100	Horizontal	Pass
3	5178.600	104.20	-2.53	--	--	Peak	90.00	150	Horizontal	N/A
3**	5178.600	94.23	-2.53	--	--	AV	90.00	150	Horizontal	N/A
4	7338.962	51.63	-2.92	74.0	22.37	Peak	70.00	400	Horizontal	Pass
4**	7338.962	40.81	-2.92	54.0	13.19	AV	70.00	400	Horizontal	Pass
5	12375.675	52.99	1.36	74.0	21.01	Peak	217.00	100	Horizontal	Pass
5**	12375.675	43.78	1.36	54.0	10.22	AV	217.00	100	Horizontal	Pass
6	15800.776	57.13	2.32	74.0	16.87	Peak	15.00	200	Horizontal	Pass
6**	15800.776	46.49	2.32	54.0	7.51	AV	15.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.300	41.06	-17.31	74.0	32.94	Peak	213.00	100	Vertical	Pass
1**	1620.300	36.58	-17.31	54.0	17.42	AV	213.00	100	Vertical	Pass
2	4355.800	50.20	-4.18	74.0	23.80	Peak	38.00	200	Vertical	Pass
2**	4355.800	40.46	-4.18	54.0	13.54	AV	38.00	200	Vertical	Pass
3	5171.400	108.95	-2.03	--	--	Peak	134.00	150	Vertical	N/A
3**	5171.400	97.97	-2.03	--	--	AV	134.00	150	Vertical	N/A
4	7631.638	49.88	-2.91	74.0	24.12	Peak	69.00	200	Vertical	Pass
4**	7631.638	41.09	-2.91	54.0	12.91	AV	69.00	200	Vertical	Pass
5	12276.775	53.45	1.68	74.0	20.55	Peak	151.00	100	Vertical	Pass
5**	12276.775	43.99	1.68	54.0	10.01	AV	151.00	100	Vertical	Pass
6	16044.637	56.12	0.75	74.0	17.88	Peak	301.00	100	Vertical	Pass
6**	16044.637	46.39	0.75	54.0	7.61	AV	301.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.900	39.73	-17.22	74.0	34.27	Peak	360.00	200	Horizontal	Pass
1**	1511.900	31.47	-17.22	54.0	22.53	AV	360.00	200	Horizontal	Pass
2	4376.200	50.43	-3.98	74.0	23.57	Peak	39.00	200	Horizontal	Pass
2**	4376.200	40.87	-3.98	54.0	13.13	AV	39.00	200	Horizontal	Pass
3	5218.800	103.92	-2.86	--	--	Peak	92.00	150	Horizontal	N/A
3**	5218.800	93.93	-2.86	--	--	AV	92.00	150	Horizontal	N/A
4	7338.387	50.71	-2.90	74.0	23.29	Peak	348.00	400	Horizontal	Pass
4**	7338.387	41.78	-2.90	54.0	12.22	AV	348.00	400	Horizontal	Pass
5	12334.276	53.21	1.36	74.0	20.79	Peak	163.00	150	Horizontal	Pass
5**	12334.276	43.52	1.36	54.0	10.48	AV	163.00	150	Horizontal	Pass
6	15629.362	56.37	1.70	74.0	17.63	Peak	71.00	200	Horizontal	Pass
6**	15629.362	46.64	1.70	54.0	7.36	AV	71.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	39.80	-16.77	74.0	34.20	Peak	81.00	400	Vertical	Pass
1**	1484.700	29.94	-16.77	54.0	24.06	AV	81.00	400	Vertical	Pass
2	4387.600	50.44	-3.37	74.0	23.56	Peak	358.00	100	Vertical	Pass
2**	4387.600	41.59	-3.37	54.0	12.41	AV	358.00	100	Vertical	Pass
3	5222.800	109.18	-2.71	--	--	Peak	136.00	100	Vertical	N/A
3**	5222.800	100.61	-2.71	--	--	AV	136.00	100	Vertical	N/A
4	7347.300	49.74	-3.66	74.0	24.26	Peak	116.00	300	Vertical	Pass
4**	7347.300	40.08	-3.66	54.0	13.92	AV	116.00	300	Vertical	Pass
5	12075.237	53.90	0.66	74.0	20.10	Peak	298.00	100	Vertical	Pass
5**	12075.237	42.63	0.66	54.0	11.37	AV	298.00	100	Vertical	Pass
6	15828.600	56.04	1.54	74.0	17.96	Peak	226.00	200	Vertical	Pass
6**	15828.600	46.91	1.54	54.0	7.09	AV	226.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.700	39.39	-17.21	74.0	34.61	Peak	304.00	400	Horizontal	Pass
1**	1514.700	29.40	-17.21	54.0	24.60	AV	304.00	400	Horizontal	Pass
2	4377.000	50.50	-3.71	74.0	23.50	Peak	360.00	400	Horizontal	Pass
2**	4377.000	41.66	-3.71	54.0	12.34	AV	360.00	400	Horizontal	Pass
3	5244.000	104.09	-2.38	--	--	Peak	91.00	100	Horizontal	N/A
3**	5244.000	94.13	-2.38	--	--	AV	91.00	100	Horizontal	N/A
4	7633.362	50.03	-2.91	74.0	23.97	Peak	87.00	300	Horizontal	Pass
4**	7633.362	40.89	-2.91	54.0	13.11	AV	87.00	300	Horizontal	Pass
5	12511.088	54.03	1.59	74.0	19.97	Peak	119.00	100	Horizontal	Pass
5**	12511.088	44.12	1.59	54.0	9.88	AV	119.00	100	Horizontal	Pass
6	15834.637	55.95	1.45	74.0	18.05	Peak	90.00	300	Horizontal	Pass
6**	15834.637	46.86	1.45	54.0	7.14	AV	90.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.200	39.99	-17.34	74.0	34.01	Peak	352.00	400	Vertical	Pass
1**	1620.200	31.73	-17.34	54.0	22.27	AV	352.00	400	Vertical	Pass
2	4378.400	50.57	-3.42	74.0	23.43	Peak	168.00	200	Vertical	Pass
2**	4378.400	41.58	-3.42	54.0	12.42	AV	168.00	200	Vertical	Pass
3	5237.600	109.18	-2.54	--	--	Peak	136.00	100	Vertical	N/A
3**	5237.600	100.30	-2.54	--	--	AV	136.00	100	Vertical	N/A
4	7336.663	49.72	-3.07	74.0	24.28	Peak	169.00	300	Vertical	Pass
4**	7336.663	41.82	-3.07	54.0	12.18	AV	169.00	300	Vertical	Pass
5	12343.763	54.52	1.28	74.0	19.48	Peak	331.00	200	Vertical	Pass
5**	12343.763	43.90	1.28	54.0	10.10	AV	331.00	200	Vertical	Pass
6	15794.475	56.03	2.15	74.0	17.97	Peak	167.00	100	Vertical	Pass
6**	15794.475	48.44	2.15	54.0	5.56	AV	167.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.200	38.58	-16.96	74.0	35.42	Peak	88.00	100	Horizontal	Pass
1**	1458.200	29.77	-16.96	54.0	24.23	AV	88.00	100	Horizontal	Pass
2	4393.600	50.82	-3.73	74.0	23.18	Peak	0.00	100	Horizontal	Pass
2**	4393.600	41.03	-3.73	54.0	12.97	AV	0.00	100	Horizontal	Pass
3	5257.600	103.08	-1.77	--	--	Peak	310.00	200	Horizontal	N/A
3**	5257.600	95.19	-1.77	--	--	AV	310.00	200	Horizontal	N/A
4	7687.125	50.74	-2.08	74.0	23.26	Peak	109.00	400	Horizontal	Pass
4**	7687.125	40.18	-2.08	54.0	13.82	AV	109.00	400	Horizontal	Pass
5	12288.850	53.12	1.69	74.0	20.88	Peak	190.00	150	Horizontal	Pass
5**	12288.850	43.50	1.69	54.0	10.50	AV	190.00	150	Horizontal	Pass
6	15843.826	55.72	1.39	74.0	18.28	Peak	145.00	400	Horizontal	Pass
6**	15843.826	46.83	1.39	54.0	7.17	AV	145.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.300	40.85	-16.88	74.0	33.15	Peak	218.00	400	Vertical	Pass
1**	1500.300	29.31	-16.88	54.0	24.69	AV	218.00	400	Vertical	Pass
2	4390.200	50.08	-3.31	74.0	23.92	Peak	6.00	400	Vertical	Pass
2**	4390.200	40.98	-3.31	54.0	13.02	AV	6.00	400	Vertical	Pass
3	5254.800	106.48	-2.21	--	--	Peak	301.00	150	Vertical	N/A
3**	5254.800	98.26	-2.21	--	--	AV	301.00	150	Vertical	N/A
4	7317.975	49.58	-3.10	74.0	24.42	Peak	140.00	400	Vertical	Pass
4**	7317.975	39.79	-3.10	54.0	14.21	AV	140.00	400	Vertical	Pass
5	12252.049	53.22	0.97	74.0	20.78	Peak	60.00	150	Vertical	Pass
5**	12252.049	43.12	0.97	54.0	10.88	AV	60.00	150	Vertical	Pass
6	16013.662	55.31	0.47	74.0	18.69	Peak	253.00	200	Vertical	Pass
6**	16013.662	45.81	0.47	54.0	8.19	AV	253.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.700	38.79	-16.88	74.0	35.21	Peak	61.00	100	Horizontal	Pass
1**	1493.700	29.64	-16.88	54.0	24.36	AV	61.00	100	Horizontal	Pass
2	4381.200	50.48	-3.52	74.0	23.52	Peak	48.00	100	Horizontal	Pass
2**	4381.200	41.80	-3.52	54.0	12.20	AV	48.00	100	Horizontal	Pass
3	5298.200	102.48	-2.86	--	--	Peak	309.00	150	Horizontal	N/A
3**	5298.200	94.81	-2.86	--	--	AV	309.00	150	Horizontal	N/A
4	7344.712	49.35	-3.48	74.0	24.65	Peak	360.00	300	Horizontal	Pass
4**	7344.712	41.14	-3.48	54.0	12.86	AV	360.00	300	Horizontal	Pass
5	12336.575	53.03	1.33	74.0	20.97	Peak	235.00	150	Horizontal	Pass
5**	12336.575	43.88	1.33	54.0	10.12	AV	235.00	150	Horizontal	Pass
6	15839.887	56.52	1.45	74.0	17.48	Peak	329.00	200	Horizontal	Pass
6**	15839.887	46.25	1.45	54.0	7.75	AV	329.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.900	39.15	-16.88	74.0	34.85	Peak	328.00	400	Vertical	Pass
1**	1492.900	29.42	-16.88	54.0	24.58	AV	328.00	400	Vertical	Pass
2	4394.200	50.15	-3.81	74.0	23.85	Peak	55.00	300	Vertical	Pass
2**	4394.200	41.40	-3.81	54.0	12.60	AV	55.00	300	Vertical	Pass
3	5302.200	107.21	-2.72	--	--	Peak	292.00	150	Vertical	N/A
3**	5302.200	100.00	-2.72	--	--	AV	292.00	150	Vertical	N/A
4	7337.812	50.17	-2.88	74.0	23.83	Peak	126.00	400	Vertical	Pass
4**	7337.812	40.73	-2.88	54.0	13.27	AV	126.00	400	Vertical	Pass
5	12302.363	53.08	1.43	74.0	20.92	Peak	110.00	150	Vertical	Pass
5**	12302.363	43.81	1.43	54.0	10.19	AV	110.00	150	Vertical	Pass
6	15793.424	56.13	2.12	74.0	17.87	Peak	199.00	200	Vertical	Pass
6**	15793.424	46.45	2.12	54.0	7.55	AV	199.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.400	38.74	-17.13	74.0	35.26	Peak	73.00	100	Horizontal	Pass
1**	1481.400	28.96	-17.13	54.0	25.04	AV	73.00	100	Horizontal	Pass
2	4388.200	50.92	-3.41	74.0	23.08	Peak	332.00	100	Horizontal	Pass
2**	4388.200	42.44	-3.41	54.0	11.56	AV	332.00	100	Horizontal	Pass
3	5322.000	100.01	-2.11	--	--	Peak	342.00	150	Horizontal	N/A
3**	5322.000	93.22	-2.11	--	--	AV	342.00	150	Horizontal	N/A
4	7340.112	49.66	-2.98	74.0	24.34	Peak	0.00	300	Horizontal	Pass
4**	7340.112	42.17	-2.98	54.0	11.83	AV	0.00	300	Horizontal	Pass
5	12271.025	53.35	1.48	74.0	20.65	Peak	64.00	100	Horizontal	Pass
5**	12271.025	44.69	1.48	54.0	9.31	AV	64.00	100	Horizontal	Pass
6	16029.938	55.76	0.71	74.0	18.24	Peak	0.00	300	Horizontal	Pass
6**	16029.938	46.30	0.71	54.0	7.70	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.000	38.81	-16.97	74.0	35.19	Peak	112.00	100	Vertical	Pass
1**	1536.000	30.26	-16.97	54.0	23.74	AV	112.00	100	Vertical	Pass
2	4381.800	50.66	-3.63	74.0	23.34	Peak	291.00	100	Vertical	Pass
2**	4381.800	41.35	-3.63	54.0	12.65	AV	291.00	100	Vertical	Pass
3	5318.200	106.33	-2.44	--	--	Peak	280.00	150	Vertical	N/A
3**	5318.200	98.46	-2.44	--	--	AV	280.00	150	Vertical	N/A
4	7338.675	50.11	-2.91	74.0	23.89	Peak	0.00	100	Vertical	Pass
4**	7338.675	40.63	-2.91	54.0	13.37	AV	0.00	100	Vertical	Pass
5	11214.463	53.84	-0.19	74.0	20.16	Peak	128.00	150	Vertical	Pass
5**	11214.463	43.88	-0.19	54.0	10.12	AV	128.00	150	Vertical	Pass
6	16083.225	55.91	1.57	74.0	18.09	Peak	85.00	400	Vertical	Pass
6**	16083.225	47.11	1.57	54.0	6.89	AV	85.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1449.000	39.30	-17.27	74.0	34.70	Peak	253.00	200	Horizontal	Pass
1**	1449.000	29.75	-17.27	54.0	24.25	AV	253.00	200	Horizontal	Pass
2	4385.400	50.79	-3.40	74.0	23.21	Peak	131.00	300	Horizontal	Pass
2**	4385.400	41.69	-3.40	54.0	12.31	AV	131.00	300	Horizontal	Pass
3	5259.000	100.19	-1.76	--	--	Peak	247.00	100	Horizontal	N/A
3**	5259.000	92.70	-1.76	--	--	AV	247.00	100	Horizontal	N/A
4	7357.650	49.90	-3.80	74.0	24.10	Peak	360.00	100	Horizontal	Pass
4**	7357.650	39.96	-3.80	54.0	14.04	AV	360.00	100	Horizontal	Pass
5	12604.812	53.74	1.92	74.0	20.26	Peak	123.00	150	Horizontal	Pass
5**	12604.812	44.52	1.92	54.0	9.48	AV	123.00	150	Horizontal	Pass
6	16049.887	55.96	0.73	74.0	18.04	Peak	317.00	300	Horizontal	Pass
6**	16049.887	46.55	0.73	54.0	7.45	AV	317.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.100	40.53	-16.84	74.0	33.47	Peak	245.00	400	Vertical	Pass
1**	1496.100	29.27	-16.84	54.0	24.73	AV	245.00	400	Vertical	Pass
2	4378.000	50.75	-3.46	74.0	23.25	Peak	340.00	100	Vertical	Pass
2**	4378.000	42.45	-3.46	54.0	11.55	AV	340.00	100	Vertical	Pass
3	5258.800	106.29	-1.76	--	--	Peak	286.00	150	Vertical	N/A
3**	5258.800	98.96	-1.76	--	--	AV	286.00	150	Vertical	N/A
4	7353.050	50.28	-3.82	74.0	23.72	Peak	360.00	100	Vertical	Pass
4**	7353.050	40.98	-3.82	54.0	13.02	AV	360.00	100	Vertical	Pass
5	12329.962	53.40	1.42	74.0	20.60	Peak	28.00	200	Vertical	Pass
5**	12329.962	43.95	1.42	54.0	10.05	AV	28.00	200	Vertical	Pass
6	15841.200	55.62	1.43	74.0	18.38	Peak	260.00	100	Vertical	Pass
6**	15841.200	48.13	1.43	54.0	5.87	AV	260.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.900	38.76	-16.83	74.0	35.24	Peak	138.00	100	Horizontal	Pass
1**	1506.900	29.34	-16.83	54.0	24.66	AV	138.00	100	Horizontal	Pass
2	4391.400	50.12	-3.43	74.0	23.88	Peak	309.00	100	Horizontal	Pass
2**	4391.400	41.28	-3.43	54.0	12.72	AV	309.00	100	Horizontal	Pass
3	5302.400	99.82	-2.72	--	--	Peak	235.00	150	Horizontal	N/A
3**	5302.400	91.60	-2.72	--	--	AV	235.00	150	Horizontal	N/A
4	7404.225	50.53	-3.68	74.0	23.47	Peak	23.00	200	Horizontal	Pass
4**	7404.225	40.56	-3.68	54.0	13.44	AV	23.00	200	Horizontal	Pass
5	12322.487	53.73	1.42	74.0	20.27	Peak	23.00	150	Horizontal	Pass
5**	12322.487	44.23	1.42	54.0	9.77	AV	23.00	150	Horizontal	Pass
6	15797.888	56.42	2.26	74.0	17.58	Peak	229.00	200	Horizontal	Pass
6**	15797.888	47.20	2.26	54.0	6.80	AV	229.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.200	40.21	-16.87	74.0	33.79	Peak	65.00	300	Vertical	Pass
1**	1494.200	29.05	-16.87	54.0	24.95	AV	65.00	300	Vertical	Pass
2	4389.200	50.78	-3.36	74.0	23.22	Peak	245.00	400	Vertical	Pass
2**	4389.200	41.61	-3.36	54.0	12.39	AV	245.00	400	Vertical	Pass
3	5298.000	105.30	-2.84	--	--	Peak	345.00	150	Vertical	N/A
3**	5298.000	98.18	-2.84	--	--	AV	345.00	150	Vertical	N/A
4	7340.975	51.16	-3.07	74.0	22.84	Peak	276.00	100	Vertical	Pass
4**	7340.975	40.87	-3.07	54.0	13.13	AV	276.00	100	Vertical	Pass
5	12591.875	53.47	1.71	74.0	20.53	Peak	82.00	200	Vertical	Pass
5**	12591.875	43.63	1.71	54.0	10.37	AV	82.00	200	Vertical	Pass
6	15674.512	55.59	1.52	74.0	18.41	Peak	207.00	200	Vertical	Pass
6**	15674.512	46.52	1.52	54.0	7.48	AV	207.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.200	39.31	-17.17	74.0	34.69	Peak	290.00	400	Horizontal	Pass
1**	1597.200	29.64	-17.17	54.0	24.36	AV	290.00	400	Horizontal	Pass
2	4379.800	49.95	-3.28	74.0	24.05	Peak	18.00	100	Horizontal	Pass
2**	4379.800	42.01	-3.28	54.0	11.99	AV	18.00	100	Horizontal	Pass
3	5321.600	98.98	-2.21	--	--	Peak	228.00	200	Horizontal	N/A
3**	5321.600	91.87	-2.21	--	--	AV	228.00	200	Horizontal	N/A
4	7324.875	50.24	-3.47	74.0	23.76	Peak	86.00	300	Horizontal	Pass
4**	7324.875	40.63	-3.47	54.0	13.37	AV	86.00	300	Horizontal	Pass
5	12388.037	53.72	1.55	74.0	20.28	Peak	282.00	150	Horizontal	Pass
5**	12388.037	44.05	1.55	54.0	9.95	AV	282.00	150	Horizontal	Pass
6	15813.900	56.15	2.08	74.0	17.85	Peak	72.00	200	Horizontal	Pass
6**	15813.900	46.27	2.08	54.0	7.73	AV	72.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.500	39.33	-16.85	74.0	34.67	Peak	233.00	200	Vertical	Pass
1**	1495.500	30.22	-16.85	54.0	23.78	AV	233.00	200	Vertical	Pass
2	4395.800	50.36	-3.95	74.0	23.64	Peak	17.00	400	Vertical	Pass
2**	4395.800	41.45	-3.95	54.0	12.55	AV	17.00	400	Vertical	Pass
3	5323.400	106.43	-1.81	--	--	Peak	292.00	100	Vertical	N/A
3**	5323.400	97.93	-1.81	--	--	AV	292.00	100	Vertical	N/A
4	7334.938	50.39	-3.24	74.0	23.61	Peak	214.00	400	Vertical	Pass
4**	7334.938	40.15	-3.24	54.0	13.85	AV	214.00	400	Vertical	Pass
5	12242.275	53.18	1.04	74.0	20.82	Peak	347.00	150	Vertical	Pass
5**	12242.275	43.18	1.04	54.0	10.82	AV	347.00	150	Vertical	Pass
6	15390.224	55.84	0.56	74.0	18.16	Peak	343.00	400	Vertical	Pass
6**	15390.224	46.09	0.56	54.0	7.91	AV	343.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1453.400	38.97	-17.06	74.0	35.03	Peak	182.00	300	Horizontal	Pass
1**	1453.400	30.28	-17.06	54.0	23.72	AV	182.00	300	Horizontal	Pass
2	4377.600	50.06	-3.51	74.0	23.94	Peak	282.00	200	Horizontal	Pass
2**	4377.600	41.28	-3.51	54.0	12.72	AV	282.00	200	Horizontal	Pass
3	5257.600	101.80	-1.77	--	--	Peak	345.00	200	Horizontal	N/A
3**	5257.600	93.61	-1.77	--	--	AV	345.00	200	Horizontal	N/A
4	7342.987	49.35	-3.31	74.0	24.65	Peak	315.00	200	Horizontal	Pass
4**	7342.987	40.96	-3.31	54.0	13.04	AV	315.00	200	Horizontal	Pass
5	12403.276	53.23	1.51	74.0	20.77	Peak	217.00	150	Horizontal	Pass
5**	12403.276	43.61	1.51	54.0	10.39	AV	217.00	150	Horizontal	Pass
6	15849.338	56.59	1.34	74.0	17.41	Peak	224.00	400	Horizontal	Pass
6**	15849.338	46.94	1.34	54.0	7.06	AV	224.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.500	39.35	-17.03	74.0	34.65	Peak	310.00	200	Vertical	Pass
1**	1499.500	29.42	-17.03	54.0	24.58	AV	310.00	200	Vertical	Pass
2	4393.400	50.50	-3.70	74.0	23.50	Peak	79.00	200	Vertical	Pass
2**	4393.400	41.82	-3.70	54.0	12.18	AV	79.00	200	Vertical	Pass
3	5259.200	105.99	-1.76	--	--	Peak	111.00	200	Vertical	N/A
3**	5259.200	98.72	-1.76	--	--	AV	111.00	200	Vertical	N/A
4	7731.112	50.03	-2.43	74.0	23.97	Peak	329.00	100	Vertical	Pass
4**	7731.112	40.27	-2.43	54.0	13.73	AV	329.00	100	Vertical	Pass
5	12287.700	53.07	1.72	74.0	20.93	Peak	130.00	100	Vertical	Pass
5**	12287.700	44.34	1.72	54.0	9.66	AV	130.00	100	Vertical	Pass
6	16177.988	56.00	1.43	74.0	18.00	Peak	114.00	400	Vertical	Pass
6**	16177.988	46.76	1.43	54.0	7.24	AV	114.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.100	38.63	-17.01	74.0	35.37	Peak	112.00	100	Horizontal	Pass
1**	1503.100	29.97	-17.01	54.0	24.03	AV	112.00	100	Horizontal	Pass
2	4372.800	50.79	-3.94	74.0	23.21	Peak	360.00	300	Horizontal	Pass
2**	4372.800	41.87	-3.94	54.0	12.13	AV	360.00	300	Horizontal	Pass
3	5301.400	99.90	-2.79	--	--	Peak	349.00	100	Horizontal	N/A
3**	5301.400	93.23	-2.79	--	--	AV	349.00	100	Horizontal	N/A
4	7343.850	50.13	-3.43	74.0	23.87	Peak	315.00	100	Horizontal	Pass
4**	7343.850	41.61	-3.43	54.0	12.39	AV	315.00	100	Horizontal	Pass
5	11957.363	53.51	1.05	74.0	20.49	Peak	315.00	150	Horizontal	Pass
5**	11957.363	43.49	1.05	54.0	10.51	AV	315.00	150	Horizontal	Pass
6	15804.450	56.96	2.28	74.0	17.04	Peak	74.00	200	Horizontal	Pass
6**	15804.450	46.41	2.28	54.0	7.59	AV	74.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1470.800	39.03	-17.36	74.0	34.97	Peak	79.00	200	Vertical	Pass
1**	1470.800	29.16	-17.36	54.0	24.84	AV	79.00	200	Vertical	Pass
2	4390.000	50.63	-3.32	74.0	23.37	Peak	360.00	400	Vertical	Pass
2**	4390.000	42.32	-3.32	54.0	11.68	AV	360.00	400	Vertical	Pass
3	5301.400	106.02	-2.79	--	--	Peak	360.00	150	Vertical	N/A
3**	5301.400	98.61	-2.79	--	--	AV	360.00	150	Vertical	N/A
4	7356.500	50.06	-3.81	74.0	23.94	Peak	26.00	300	Vertical	Pass
4**	7356.500	40.59	-3.81	54.0	13.41	AV	26.00	300	Vertical	Pass
5	12268.151	54.11	1.39	74.0	19.89	Peak	60.00	150	Vertical	Pass
5**	12268.151	43.99	1.39	54.0	10.01	AV	60.00	150	Vertical	Pass
6	15850.125	56.30	1.33	74.0	17.70	Peak	360.00	400	Vertical	Pass
6**	15850.125	47.10	1.33	54.0	6.90	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1616.700	38.72	-17.23	74.0	35.28	Peak	8.00	300	Horizontal	Pass
1**	1616.700	29.44	-17.23	54.0	24.56	AV	8.00	300	Horizontal	Pass
2	4396.400	50.86	-3.99	74.0	23.14	Peak	86.00	200	Horizontal	Pass
2**	4396.400	42.37	-3.99	54.0	11.63	AV	86.00	200	Horizontal	Pass
3	5319.200	100.83	-2.33	--	--	Peak	350.00	150	Horizontal	N/A
3**	5319.200	94.05	-2.33	--	--	AV	350.00	150	Horizontal	N/A
4	7408.250	50.03	-3.84	74.0	23.97	Peak	117.00	200	Horizontal	Pass
4**	7408.250	40.33	-3.84	54.0	13.67	AV	117.00	200	Horizontal	Pass
5	12323.063	53.31	1.42	74.0	20.69	Peak	231.00	200	Horizontal	Pass
5**	12323.063	44.53	1.42	54.0	9.47	AV	231.00	200	Horizontal	Pass
6	15796.838	56.71	2.23	74.0	17.29	Peak	92.00	400	Horizontal	Pass
6**	15796.838	46.39	2.23	54.0	7.61	AV	92.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.200	38.88	-17.21	74.0	35.12	Peak	324.00	100	Vertical	Pass
1**	1498.200	29.43	-17.21	54.0	24.57	AV	324.00	100	Vertical	Pass
2	4082.400	49.31	-4.61	74.0	24.69	Peak	243.00	150	Vertical	Pass
2**	4082.400	39.89	-4.61	54.0	14.11	AV	243.00	150	Vertical	Pass
3	5318.800	106.06	-2.36	--	--	Peak	296.00	150	Vertical	N/A
3**	5318.800	98.61	-2.36	--	--	AV	296.00	150	Vertical	N/A
4	7349.887	50.57	-3.65	74.0	23.43	Peak	0.00	300	Vertical	Pass
4**	7349.887	41.41	-3.65	54.0	12.59	AV	0.00	300	Vertical	Pass
5	11336.651	53.73	0.33	74.0	20.27	Peak	25.00	100	Vertical	Pass
5**	11336.651	43.20	0.33	54.0	10.80	AV	25.00	100	Vertical	Pass
6	15639.599	55.73	1.37	74.0	18.27	Peak	0.00	300	Vertical	Pass
6**	15639.599	46.48	1.37	54.0	7.52	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1556.900	38.91	-17.06	74.0	35.09	Peak	235.00	400	Horizontal	Pass
1**	1556.900	29.59	-17.06	54.0	24.41	AV	235.00	400	Horizontal	Pass
2	4390.000	50.69	-3.32	74.0	23.31	Peak	189.00	400	Horizontal	Pass
2**	4390.000	41.31	-3.32	54.0	12.69	AV	189.00	400	Horizontal	Pass
3	5258.400	105.17	-1.77	--	--	Peak	103.00	200	Horizontal	N/A
3**	5258.400	95.20	-1.77	--	--	AV	103.00	200	Horizontal	N/A
4	7440.737	49.99	-3.47	74.0	24.01	Peak	53.00	200	Horizontal	Pass
4**	7440.737	41.25	-3.47	54.0	12.75	AV	53.00	200	Horizontal	Pass
5	11944.424	54.11	1.56	74.0	19.89	Peak	233.00	200	Horizontal	Pass
5**	11944.424	44.29	1.56	54.0	9.71	AV	233.00	200	Horizontal	Pass
6	16066.950	56.69	1.22	74.0	17.31	Peak	94.00	400	Horizontal	Pass
6**	16066.950	46.93	1.22	54.0	7.07	AV	94.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.300	39.54	-17.23	74.0	34.46	Peak	35.00	300	Vertical	Pass
1**	1512.300	32.62	-17.23	54.0	21.38	AV	35.00	300	Vertical	Pass
2	4343.400	50.67	-3.76	74.0	23.33	Peak	304.00	400	Vertical	Pass
2**	4343.400	41.52	-3.76	54.0	12.48	AV	304.00	400	Vertical	Pass
3	5262.400	109.26	-2.26	--	--	Peak	134.00	150	Vertical	N/A
3**	5262.400	99.07	-2.26	--	--	AV	134.00	150	Vertical	N/A
4	7360.525	50.26	-3.80	74.0	23.74	Peak	133.00	300	Vertical	Pass
4**	7360.525	40.75	-3.80	54.0	13.25	AV	133.00	300	Vertical	Pass
5	12259.237	53.21	1.06	74.0	20.79	Peak	314.00	100	Vertical	Pass
5**	12259.237	43.88	1.06	54.0	10.12	AV	314.00	100	Vertical	Pass
6	15776.362	56.80	1.34	74.0	17.20	Peak	262.00	300	Vertical	Pass
6**	15776.362	45.99	1.34	54.0	8.01	AV	262.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1617.800	39.31	-17.19	74.0	34.69	Peak	227.00	100	Horizontal	Pass
1**	1617.800	28.62	-17.19	54.0	25.38	AV	227.00	100	Horizontal	Pass
2	4389.400	50.78	-3.35	74.0	23.22	Peak	70.00	200	Horizontal	Pass
2**	4389.400	42.07	-3.35	54.0	11.93	AV	70.00	200	Horizontal	Pass
3	5298.400	104.74	-2.87	--	--	Peak	92.00	100	Horizontal	N/A
3**	5298.400	93.74	-2.87	--	--	AV	92.00	100	Horizontal	N/A
4	7337.525	50.31	-2.90	74.0	23.69	Peak	360.00	300	Horizontal	Pass
4**	7337.525	41.02	-2.90	54.0	12.98	AV	360.00	300	Horizontal	Pass
5	11959.088	53.06	0.96	74.0	20.94	Peak	134.00	150	Horizontal	Pass
5**	11959.088	43.74	0.96	54.0	10.26	AV	134.00	150	Horizontal	Pass
6	15835.162	56.21	1.45	74.0	17.79	Peak	208.00	100	Horizontal	Pass
6**	15835.162	46.37	1.45	54.0	7.63	AV	208.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1468.300	39.18	-17.35	74.0	34.82	Peak	218.00	300	Vertical	Pass
1**	1468.300	29.08	-17.35	54.0	24.92	AV	218.00	300	Vertical	Pass
2	4384.000	50.19	-3.64	74.0	23.81	Peak	18.00	100	Vertical	Pass
2**	4384.000	41.66	-3.64	54.0	12.34	AV	18.00	100	Vertical	Pass
3	5299.000	108.43	-2.92	--	--	Peak	0.00	150	Vertical	N/A
3**	5299.000	99.51	-2.92	--	--	AV	0.00	150	Vertical	N/A
4	7674.475	50.11	-2.40	74.0	23.89	Peak	69.00	400	Vertical	Pass
4**	7674.475	40.60	-2.40	54.0	13.40	AV	69.00	400	Vertical	Pass
5	12285.112	53.90	1.77	74.0	20.10	Peak	20.00	200	Vertical	Pass
5**	12285.112	44.56	1.77	54.0	9.44	AV	20.00	200	Vertical	Pass
6	15799.987	56.49	2.33	74.0	17.51	Peak	242.00	100	Vertical	Pass
6**	15799.987	48.21	2.33	54.0	5.79	AV	242.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.400	39.58	-17.21	74.0	34.42	Peak	72.00	200	Horizontal	Pass
1**	1511.400	30.61	-17.21	54.0	23.39	AV	72.00	200	Horizontal	Pass
2	4366.600	50.23	-3.84	74.0	23.77	Peak	360.00	300	Horizontal	Pass
2**	4366.600	41.27	-3.84	54.0	12.73	AV	360.00	300	Horizontal	Pass
3	5322.200	103.28	-2.05	--	--	Peak	94.00	150	Horizontal	N/A
3**	5322.200	95.19	-2.05	--	--	AV	94.00	150	Horizontal	N/A
4	7340.112	50.50	-2.98	74.0	23.50	Peak	232.00	100	Horizontal	Pass
4**	7340.112	41.60	-2.98	54.0	12.40	AV	232.00	100	Horizontal	Pass
5	12664.325	54.05	1.01	74.0	19.95	Peak	49.00	100	Horizontal	Pass
5**	12664.325	43.72	1.01	54.0	10.28	AV	49.00	100	Horizontal	Pass
6	15806.026	56.06	2.25	74.0	17.94	Peak	148.00	200	Horizontal	Pass
6**	15806.026	46.92	2.25	54.0	7.08	AV	148.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.000	40.00	-17.22	74.0	34.00	Peak	241.00	100	Vertical	Pass
1**	1512.000	32.94	-17.22	54.0	21.06	AV	241.00	100	Vertical	Pass
2	4369.000	50.80	-3.88	74.0	23.20	Peak	335.00	100	Vertical	Pass
2**	4369.000	41.46	-3.88	54.0	12.54	AV	335.00	100	Vertical	Pass
3	5322.000	108.17	-2.11	--	--	Peak	101.00	200	Vertical	N/A
3**	5322.000	99.38	-2.11	--	--	AV	101.00	200	Vertical	N/A
4	7723.062	50.32	-2.57	74.0	23.68	Peak	182.00	300	Vertical	Pass
4**	7723.062	40.29	-2.57	54.0	13.71	AV	182.00	300	Vertical	Pass
5	12302.363	53.59	1.43	74.0	20.41	Peak	132.00	200	Vertical	Pass
5**	12302.363	44.13	1.43	54.0	9.87	AV	132.00	200	Vertical	Pass
6	15853.799	55.92	1.23	74.0	18.08	Peak	298.00	300	Vertical	Pass
6**	15853.799	47.26	1.23	54.0	6.74	AV	298.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.900	38.92	-16.97	74.0	35.08	Peak	317.00	200	Horizontal	Pass
1**	1622.900	29.53	-16.97	54.0	24.47	AV	317.00	200	Horizontal	Pass
2	4373.600	50.48	-3.85	74.0	23.52	Peak	311.00	100	Horizontal	Pass
2**	4373.600	41.49	-3.85	54.0	12.51	AV	311.00	100	Horizontal	Pass
3	5495.800	98.57	-1.59	--	--	Peak	279.00	100	Horizontal	N/A
3**	5495.800	91.03	-1.59	--	--	AV	279.00	100	Horizontal	N/A
4	7377.200	49.81	-3.58	74.0	24.19	Peak	197.00	300	Horizontal	Pass
4**	7377.200	40.17	-3.58	54.0	13.83	AV	197.00	300	Horizontal	Pass
5	12281.662	53.74	1.79	74.0	20.26	Peak	0.00	150	Horizontal	Pass
5**	12281.662	44.53	1.79	54.0	9.47	AV	0.00	150	Horizontal	Pass
6	16159.088	56.09	0.93	74.0	17.91	Peak	77.00	200	Horizontal	Pass
6**	16159.088	45.88	0.93	54.0	8.12	AV	77.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1609.200	39.49	-17.40	74.0	34.51	Peak	305.00	100	Vertical	Pass
1**	1609.200	29.90	-17.40	54.0	24.10	AV	305.00	100	Vertical	Pass
2	4331.000	50.58	-4.71	74.0	23.42	Peak	321.00	400	Vertical	Pass
2**	4331.000	40.20	-4.71	54.0	13.80	AV	321.00	400	Vertical	Pass
3	5501.400	102.98	-1.43	--	--	Peak	321.00	200	Vertical	N/A
3**	5501.400	96.18	-1.43	--	--	AV	321.00	200	Vertical	N/A
4	7727.375	50.38	-2.50	74.0	23.62	Peak	39.00	100	Vertical	Pass
4**	7727.375	40.40	-2.50	54.0	13.60	AV	39.00	100	Vertical	Pass
5	11879.737	53.56	1.41	74.0	20.44	Peak	208.00	200	Vertical	Pass
5**	11879.737	43.84	1.41	54.0	10.16	AV	208.00	200	Vertical	Pass
6	16075.088	56.10	1.54	74.0	17.90	Peak	135.00	400	Vertical	Pass
6**	16075.088	46.77	1.54	54.0	7.23	AV	135.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.200	39.47	-16.75	74.0	34.53	Peak	87.00	400	Horizontal	Pass
1**	1489.200	29.85	-16.75	54.0	24.15	AV	87.00	400	Horizontal	Pass
2	4377.400	50.58	-3.58	74.0	23.42	Peak	104.00	100	Horizontal	Pass
2**	4377.400	41.60	-3.58	54.0	12.40	AV	104.00	100	Horizontal	Pass
3	5578.600	100.00	-1.61	--	--	Peak	275.00	150	Horizontal	N/A
3**	5578.600	91.97	-1.61	--	--	AV	275.00	150	Horizontal	N/A
4	7336.088	50.30	-3.18	74.0	23.70	Peak	23.00	200	Horizontal	Pass
4**	7336.088	40.41	-3.18	54.0	13.59	AV	23.00	200	Horizontal	Pass
5	11945.000	53.26	1.54	74.0	20.74	Peak	7.00	100	Horizontal	Pass
5**	11945.000	43.65	1.54	54.0	10.35	AV	7.00	100	Horizontal	Pass
6	15847.500	56.48	1.35	74.0	17.52	Peak	149.00	300	Horizontal	Pass
6**	15847.500	46.55	1.35	54.0	7.45	AV	149.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1603.200	38.61	-17.39	74.0	35.39	Peak	177.00	300	Vertical	Pass
1**	1603.200	29.55	-17.39	54.0	24.45	AV	177.00	300	Vertical	Pass
2	4391.400	50.42	-3.43	74.0	23.58	Peak	69.00	300	Vertical	Pass
2**	4391.400	41.51	-3.43	54.0	12.49	AV	69.00	300	Vertical	Pass
3	5575.000	105.12	-2.07	--	--	Peak	6.00	150	Vertical	N/A
3**	5575.000	96.70	-2.07	--	--	AV	6.00	150	Vertical	N/A
4	7377.487	50.10	-3.54	74.0	23.90	Peak	208.00	100	Vertical	Pass
4**	7377.487	42.20	-3.54	54.0	11.80	AV	208.00	100	Vertical	Pass
5	12543.000	53.59	1.33	74.0	20.41	Peak	134.00	150	Vertical	Pass
5**	12543.000	42.80	1.33	54.0	11.20	AV	134.00	150	Vertical	Pass
6	15850.125	55.49	1.33	74.0	18.51	Peak	16.00	400	Vertical	Pass
6**	15850.125	45.97	1.33	54.0	8.03	AV	16.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.700	39.09	-16.96	74.0	34.91	Peak	360.00	100	Horizontal	Pass
1**	1507.700	29.86	-16.96	54.0	24.14	AV	360.00	100	Horizontal	Pass
2	4386.200	50.53	-3.27	74.0	23.47	Peak	360.00	400	Horizontal	Pass
2**	4386.200	41.98	-3.27	54.0	12.02	AV	360.00	400	Horizontal	Pass
3	5699.200	101.67	-0.96	--	--	Peak	281.00	100	Horizontal	N/A
3**	5699.200	94.35	-0.96	--	--	AV	281.00	100	Horizontal	N/A
4	7355.638	49.77	-3.79	74.0	24.23	Peak	217.00	200	Horizontal	Pass
4**	7355.638	40.59	-3.79	54.0	13.41	AV	217.00	200	Horizontal	Pass
5	12450.425	53.67	1.89	74.0	20.33	Peak	56.00	100	Horizontal	Pass
5**	12450.425	43.40	1.89	54.0	10.60	AV	56.00	100	Horizontal	Pass
6	16140.188	55.86	1.02	74.0	18.14	Peak	0.00	200	Horizontal	Pass
6**	16140.188	45.29	1.02	54.0	8.71	AV	0.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1607.200	38.85	-17.50	74.0	35.15	Peak	162.00	100	Vertical	Pass
1**	1607.200	29.93	-17.50	54.0	24.07	AV	162.00	100	Vertical	Pass
2	4379.800	51.35	-3.28	74.0	22.65	Peak	6.00	300	Vertical	Pass
2**	4379.800	41.63	-3.28	54.0	12.37	AV	6.00	300	Vertical	Pass
3	5701.000	105.23	-1.44	--	--	Peak	116.00	150	Vertical	N/A
3**	5701.000	98.48	-1.44	--	--	AV	116.00	150	Vertical	N/A
4	7320.563	49.95	-3.09	74.0	24.05	Peak	344.00	400	Vertical	Pass
4**	7320.563	41.21	-3.09	54.0	12.79	AV	344.00	400	Vertical	Pass
5	12316.450	53.18	1.41	74.0	20.82	Peak	121.00	100	Vertical	Pass
5**	12316.450	44.38	1.41	54.0	9.62	AV	121.00	100	Vertical	Pass
6	15807.075	55.90	2.23	74.0	18.10	Peak	204.00	100	Vertical	Pass
6**	15807.075	47.21	2.23	54.0	6.79	AV	204.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1580.400	39.01	-17.26	74.0	34.99	Peak	289.00	300	Horizontal	Pass
1**	1580.400	29.38	-17.26	54.0	24.62	AV	289.00	300	Horizontal	Pass
2	4392.600	50.04	-3.58	74.0	23.96	Peak	128.00	100	Horizontal	Pass
2**	4392.600	41.64	-3.58	54.0	12.36	AV	128.00	100	Horizontal	Pass
3	5501.800	98.45	-1.38	--	--	Peak	282.00	200	Horizontal	N/A
3**	5501.800	91.11	-1.38	--	--	AV	282.00	200	Horizontal	N/A
4	7321.713	50.26	-3.21	74.0	23.74	Peak	0.00	100	Horizontal	Pass
4**	7321.713	41.00	-3.21	54.0	13.00	AV	0.00	100	Horizontal	Pass
5	11621.276	53.47	-0.06	74.0	20.53	Peak	325.00	200	Horizontal	Pass
5**	11621.276	43.92	-0.06	54.0	10.08	AV	325.00	200	Horizontal	Pass
6	15828.862	56.71	1.53	74.0	17.29	Peak	211.00	200	Horizontal	Pass
6**	15828.862	46.41	1.53	54.0	7.59	AV	211.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.300	39.21	-16.83	74.0	34.79	Peak	111.00	100	Vertical	Pass
1**	1491.300	29.30	-16.83	54.0	24.70	AV	111.00	100	Vertical	Pass
2	4389.400	50.01	-3.35	74.0	23.99	Peak	279.00	400	Vertical	Pass
2**	4389.400	41.60	-3.35	54.0	12.40	AV	279.00	400	Vertical	Pass
3	5501.400	102.92	-1.43	--	--	Peak	314.00	100	Vertical	N/A
3**	5501.400	96.03	-1.43	--	--	AV	314.00	100	Vertical	N/A
4	7723.925	50.29	-2.47	74.0	23.71	Peak	141.00	400	Vertical	Pass
4**	7723.925	41.26	-2.47	54.0	12.74	AV	141.00	400	Vertical	Pass
5	12687.325	53.57	0.85	74.0	20.43	Peak	159.00	100	Vertical	Pass
5**	12687.325	43.78	0.85	54.0	10.22	AV	159.00	100	Vertical	Pass
6	15847.238	56.63	1.35	74.0	17.37	Peak	257.00	300	Vertical	Pass
6**	15847.238	46.74	1.35	54.0	7.26	AV	257.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.600	38.89	-17.15	74.0	35.11	Peak	134.00	100	Horizontal	Pass
1**	1538.600	29.40	-17.15	54.0	24.60	AV	134.00	100	Horizontal	Pass
2	4345.000	50.46	-4.12	74.0	23.54	Peak	65.00	200	Horizontal	Pass
2**	4345.000	40.91	-4.12	54.0	13.09	AV	65.00	200	Horizontal	Pass
3	5582.200	98.56	-1.74	--	--	Peak	277.00	200	Horizontal	N/A
3**	5582.200	90.97	-1.74	--	--	AV	277.00	200	Horizontal	N/A
4	7324.588	50.03	-3.45	74.0	23.97	Peak	37.00	200	Horizontal	Pass
4**	7324.588	40.97	-3.45	54.0	13.03	AV	37.00	200	Horizontal	Pass
5	12231.638	53.44	1.26	74.0	20.56	Peak	54.00	100	Horizontal	Pass
5**	12231.638	43.95	1.26	54.0	10.05	AV	54.00	100	Horizontal	Pass
6	15827.287	56.76	1.57	74.0	17.24	Peak	181.00	400	Horizontal	Pass
6**	15827.287	46.99	1.57	54.0	7.01	AV	181.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.500	38.99	-17.08	74.0	35.01	Peak	249.00	100	Vertical	Pass
1**	1497.500	28.87	-17.08	54.0	25.13	AV	249.00	100	Vertical	Pass
2	4383.000	51.00	-3.64	74.0	23.00	Peak	20.00	300	Vertical	Pass
2**	4383.000	41.54	-3.64	54.0	12.46	AV	20.00	300	Vertical	Pass
3	5578.200	105.01	-1.60	--	--	Peak	329.00	100	Vertical	N/A
3**	5578.200	97.38	-1.60	--	--	AV	329.00	100	Vertical	N/A
4	7364.837	50.42	-3.42	74.0	23.58	Peak	253.00	200	Vertical	Pass
4**	7364.837	40.69	-3.42	54.0	13.31	AV	253.00	200	Vertical	Pass
5	11935.799	53.31	1.69	74.0	20.69	Peak	217.00	100	Vertical	Pass
5**	11935.799	43.82	1.69	54.0	10.18	AV	217.00	100	Vertical	Pass
6	16133.363	56.13	1.05	74.0	17.87	Peak	139.00	200	Vertical	Pass
6**	16133.363	46.06	1.05	54.0	7.94	AV	139.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.500	38.85	-17.17	74.0	35.15	Peak	347.00	100	Horizontal	Pass
1**	1533.500	29.72	-17.17	54.0	24.28	AV	347.00	100	Horizontal	Pass
2	4297.200	50.17	-3.99	74.0	23.83	Peak	29.00	300	Horizontal	Pass
2**	4297.200	41.91	-3.99	54.0	12.09	AV	29.00	300	Horizontal	Pass
3	5698.800	102.25	-1.01	--	--	Peak	274.00	200	Horizontal	N/A
3**	5698.800	95.07	-1.01	--	--	AV	274.00	200	Horizontal	N/A
4	7341.550	50.37	-3.12	74.0	23.63	Peak	71.00	100	Horizontal	Pass
4**	7341.550	41.23	-3.12	54.0	12.77	AV	71.00	100	Horizontal	Pass
5	11046.275	53.90	-0.61	74.0	20.10	Peak	267.00	200	Horizontal	Pass
5**	11046.275	43.02	-0.61	54.0	10.98	AV	267.00	200	Horizontal	Pass
6	15794.737	55.61	2.16	74.0	18.39	Peak	53.00	300	Horizontal	Pass
6**	15794.737	46.01	2.16	54.0	7.99	AV	53.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.400	39.35	-16.87	74.0	34.65	Peak	116.00	300	Vertical	Pass
1**	1496.400	30.27	-16.87	54.0	23.73	AV	116.00	300	Vertical	Pass
2	4384.400	50.54	-3.57	74.0	23.46	Peak	0.00	100	Vertical	Pass
2**	4384.400	41.94	-3.57	54.0	12.06	AV	0.00	100	Vertical	Pass
3	5698.800	105.62	-1.01	--	--	Peak	58.00	150	Vertical	N/A
3**	5698.800	99.26	-1.01	--	--	AV	58.00	150	Vertical	N/A
4	7671.312	50.07	-2.51	74.0	23.93	Peak	360.00	400	Vertical	Pass
4**	7671.312	40.07	-2.51	54.0	13.93	AV	360.00	400	Vertical	Pass
5	12526.037	53.61	1.36	74.0	20.39	Peak	154.00	100	Vertical	Pass
5**	12526.037	43.43	1.36	54.0	10.57	AV	154.00	100	Vertical	Pass
6	16043.062	55.63	0.77	74.0	18.37	Peak	89.00	300	Vertical	Pass
6**	16043.062	46.67	0.77	54.0	7.33	AV	89.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.100	39.07	-17.01	74.0	34.93	Peak	226.00	300	Horizontal	Pass
1**	1621.100	29.12	-17.01	54.0	24.88	AV	226.00	300	Horizontal	Pass
2	4392.600	50.33	-3.58	74.0	23.67	Peak	74.00	300	Horizontal	Pass
2**	4392.600	42.21	-3.58	54.0	11.79	AV	74.00	300	Horizontal	Pass
3	5501.800	98.71	-1.38	--	--	Peak	279.00	100	Horizontal	N/A
3**	5501.800	90.70	-1.38	--	--	AV	279.00	100	Horizontal	N/A
4	7338.675	50.09	-2.91	74.0	23.91	Peak	113.00	400	Horizontal	Pass
4**	7338.675	41.72	-2.91	54.0	12.28	AV	113.00	400	Horizontal	Pass
5	12264.988	53.42	1.29	74.0	20.58	Peak	16.00	100	Horizontal	Pass
5**	12264.988	44.67	1.29	54.0	9.33	AV	16.00	100	Horizontal	Pass
6	16090.575	56.60	1.42	74.0	17.40	Peak	0.00	100	Horizontal	Pass
6**	16090.575	47.29	1.42	54.0	6.71	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.100	38.87	-16.84	74.0	35.13	Peak	165.00	400	Vertical	Pass
1**	1496.100	30.67	-16.84	54.0	23.33	AV	165.00	400	Vertical	Pass
2	4381.000	51.08	-3.49	74.0	22.92	Peak	41.00	400	Vertical	Pass
2**	4381.000	42.45	-3.49	54.0	11.55	AV	41.00	400	Vertical	Pass
3	5498.200	102.88	-1.62	--	--	Peak	316.00	100	Vertical	N/A
3**	5498.200	95.71	-1.62	--	--	AV	316.00	100	Vertical	N/A
4	7332.350	49.96	-3.24	74.0	24.04	Peak	347.00	200	Vertical	Pass
4**	7332.350	41.21	-3.24	54.0	12.79	AV	347.00	200	Vertical	Pass
5	12436.050	53.50	1.72	74.0	20.50	Peak	76.00	100	Vertical	Pass
5**	12436.050	43.51	1.72	54.0	10.49	AV	76.00	100	Vertical	Pass
6	15967.988	56.06	0.34	74.0	17.94	Peak	113.00	300	Vertical	Pass
6**	15967.988	45.21	0.34	54.0	8.79	AV	113.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	38.59	-16.76	74.0	35.41	Peak	64.00	200	Horizontal	Pass
1**	1484.800	29.28	-16.76	54.0	24.72	AV	64.00	200	Horizontal	Pass
2	4391.000	50.81	-3.38	74.0	23.19	Peak	357.00	100	Horizontal	Pass
2**	4391.000	41.75	-3.38	54.0	12.25	AV	357.00	100	Horizontal	Pass
3	5578.400	98.13	-1.60	--	--	Peak	271.00	150	Horizontal	N/A
3**	5578.400	90.55	-1.60	--	--	AV	271.00	150	Horizontal	N/A
4	7673.325	49.67	-2.29	74.0	24.33	Peak	251.00	300	Horizontal	Pass
4**	7673.325	41.46	-2.29	54.0	12.54	AV	251.00	300	Horizontal	Pass
5	11952.474	53.46	1.28	74.0	20.54	Peak	283.00	150	Horizontal	Pass
5**	11952.474	43.92	1.28	54.0	10.08	AV	283.00	150	Horizontal	Pass
6	15629.887	56.42	1.70	74.0	17.58	Peak	89.00	100	Horizontal	Pass
6**	15629.887	47.16	1.70	54.0	6.84	AV	89.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.200	39.18	-17.02	74.0	34.82	Peak	121.00	200	Vertical	Pass
1**	1497.200	30.03	-17.02	54.0	23.97	AV	121.00	200	Vertical	Pass
2	4389.800	50.25	-3.33	74.0	23.75	Peak	148.00	400	Vertical	Pass
2**	4389.800	41.37	-3.33	54.0	12.63	AV	148.00	400	Vertical	Pass
3	5578.800	105.06	-1.61	--	--	Peak	58.00	150	Vertical	N/A
3**	5578.800	96.92	-1.61	--	--	AV	58.00	150	Vertical	N/A
4	7345.000	50.31	-3.49	74.0	23.69	Peak	157.00	100	Vertical	Pass
4**	7345.000	41.75	-3.49	54.0	12.25	AV	157.00	100	Vertical	Pass
5	12396.375	53.55	1.60	74.0	20.45	Peak	0.00	100	Vertical	Pass
5**	12396.375	44.31	1.60	54.0	9.69	AV	0.00	100	Vertical	Pass
6	15507.299	56.06	1.35	74.0	17.94	Peak	218.00	400	Vertical	Pass
6**	15507.299	46.95	1.35	54.0	7.05	AV	218.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1558.200	39.23	-16.99	74.0	34.77	Peak	55.00	100	Horizontal	Pass
1**	1558.200	29.40	-16.99	54.0	24.60	AV	55.00	100	Horizontal	Pass
2	4391.000	50.24	-3.38	74.0	23.76	Peak	143.00	100	Horizontal	Pass
2**	4391.000	42.74	-3.38	54.0	11.26	AV	143.00	100	Horizontal	Pass
3	5697.000	101.02	-1.19	--	--	Peak	275.00	200	Horizontal	N/A
3**	5697.000	94.29	-1.19	--	--	AV	275.00	200	Horizontal	N/A
4	7626.750	50.37	-2.67	74.0	23.63	Peak	204.00	400	Horizontal	Pass
4**	7626.750	40.67	-2.67	54.0	13.33	AV	204.00	400	Horizontal	Pass
5	12047.350	53.89	0.97	74.0	20.11	Peak	204.00	100	Horizontal	Pass
5**	12047.350	44.07	0.97	54.0	9.93	AV	204.00	100	Horizontal	Pass
6	15830.438	56.39	1.49	74.0	17.61	Peak	254.00	400	Horizontal	Pass
6**	15830.438	46.79	1.49	54.0	7.21	AV	254.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.800	39.61	-16.79	74.0	34.39	Peak	127.00	300	Vertical	Pass
1**	1490.800	29.83	-16.79	54.0	24.17	AV	127.00	300	Vertical	Pass
2	4388.200	50.83	-3.41	74.0	23.17	Peak	214.00	300	Vertical	Pass
2**	4388.200	41.55	-3.41	54.0	12.45	AV	214.00	300	Vertical	Pass
3	5702.200	105.91	-1.62	--	--	Peak	110.00	100	Vertical	N/A
3**	5702.200	98.39	-1.62	--	--	AV	110.00	100	Vertical	N/A
4	7337.238	49.97	-2.96	74.0	24.03	Peak	173.00	300	Vertical	Pass
4**	7337.238	41.23	-2.96	54.0	12.77	AV	173.00	300	Vertical	Pass
5	12618.037	53.79	1.82	74.0	20.21	Peak	236.00	150	Vertical	Pass
5**	12618.037	43.60	1.82	54.0	10.40	AV	236.00	150	Vertical	Pass
6	15832.013	56.40	1.48	74.0	17.60	Peak	89.00	400	Vertical	Pass
6**	15832.013	46.71	1.48	54.0	7.29	AV	89.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.700	39.13	-17.22	74.0	34.87	Peak	67.00	300	Horizontal	Pass
1**	1511.700	30.57	-17.22	54.0	23.43	AV	67.00	300	Horizontal	Pass
2	4283.000	50.26	-4.58	74.0	23.74	Peak	125.00	400	Horizontal	Pass
2**	4283.000	40.95	-4.58	54.0	13.05	AV	125.00	400	Horizontal	Pass
3	5500.800	101.44	-1.53	--	--	Peak	94.00	150	Horizontal	N/A
3**	5500.800	91.88	-1.53	--	--	AV	94.00	150	Horizontal	N/A
4	7324.875	49.72	-3.47	74.0	24.28	Peak	247.00	300	Horizontal	Pass
4**	7324.875	41.09	-3.47	54.0	12.91	AV	247.00	300	Horizontal	Pass
5	12271.025	53.92	1.48	74.0	20.08	Peak	98.00	100	Horizontal	Pass
5**	12271.025	44.49	1.48	54.0	9.51	AV	98.00	100	Horizontal	Pass
6	15811.276	56.00	2.14	74.0	18.00	Peak	360.00	400	Horizontal	Pass
6**	15811.276	46.57	2.14	54.0	7.43	AV	360.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.000	39.89	-16.98	74.0	34.11	Peak	72.00	100	Vertical	Pass
1**	1497.000	29.21	-16.98	54.0	24.79	AV	72.00	100	Vertical	Pass
2	4380.400	50.78	-3.39	74.0	23.22	Peak	317.00	300	Vertical	Pass
2**	4380.400	41.75	-3.39	54.0	12.25	AV	317.00	300	Vertical	Pass
3	5500.400	104.40	-1.60	--	--	Peak	137.00	150	Vertical	N/A
3**	5500.400	94.33	-1.60	--	--	AV	137.00	150	Vertical	N/A
4	7452.237	50.31	-3.16	74.0	23.69	Peak	83.00	300	Vertical	Pass
4**	7452.237	40.32	-3.16	54.0	13.68	AV	83.00	300	Vertical	Pass
5	12599.349	53.81	1.89	74.0	20.19	Peak	265.00	200	Vertical	Pass
5**	12599.349	44.29	1.89	54.0	9.71	AV	265.00	200	Vertical	Pass
6	16082.437	56.10	1.59	74.0	17.90	Peak	208.00	400	Vertical	Pass
6**	16082.437	47.60	1.59	54.0	6.40	AV	208.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1453.700	39.28	-17.07	74.0	34.72	Peak	46.00	100	Horizontal	Pass
1**	1453.700	29.90	-17.07	54.0	24.10	AV	46.00	100	Horizontal	Pass
2	4363.200	50.51	-4.24	74.0	23.49	Peak	175.00	400	Horizontal	Pass
2**	4363.200	42.78	-4.24	54.0	11.22	AV	175.00	400	Horizontal	Pass
3	5578.200	104.08	-1.60	--	--	Peak	94.00	150	Horizontal	N/A
3**	5578.200	94.80	-1.60	--	--	AV	94.00	150	Horizontal	N/A
4	7457.125	49.79	-3.67	74.0	24.21	Peak	169.00	100	Horizontal	Pass
4**	7457.125	40.15	-3.67	54.0	13.85	AV	169.00	100	Horizontal	Pass
5	12277.063	53.54	1.69	74.0	20.46	Peak	3.00	150	Horizontal	Pass
5**	12277.063	44.04	1.69	54.0	9.96	AV	3.00	150	Horizontal	Pass
6	16102.912	56.14	1.07	74.0	17.86	Peak	72.00	200	Horizontal	Pass
6**	16102.912	46.97	1.07	54.0	7.03	AV	72.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.000	39.04	-17.22	74.0	34.96	Peak	360.00	400	Vertical	Pass
1**	1512.000	33.52	-17.22	54.0	20.48	AV	360.00	400	Vertical	Pass
2	4355.800	50.67	-4.18	74.0	23.33	Peak	6.00	400	Vertical	Pass
2**	4355.800	40.44	-4.18	54.0	13.56	AV	6.00	400	Vertical	Pass
3	5578.000	106.50	-1.67	--	--	Peak	357.00	100	Vertical	N/A
3**	5578.000	97.30	-1.67	--	--	AV	357.00	100	Vertical	N/A
4	7496.800	49.92	-3.60	74.0	24.08	Peak	151.00	200	Vertical	Pass
4**	7496.800	40.05	-3.60	54.0	13.95	AV	151.00	200	Vertical	Pass
5	12321.912	53.32	1.42	74.0	20.68	Peak	151.00	150	Vertical	Pass
5**	12321.912	44.30	1.42	54.0	9.70	AV	151.00	150	Vertical	Pass
6	16084.275	56.36	1.54	74.0	17.64	Peak	319.00	100	Vertical	Pass
6**	16084.275	47.07	1.54	54.0	6.93	AV	319.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.600	38.94	-17.24	74.0	35.06	Peak	296.00	100	Horizontal	Pass
1**	1512.600	30.00	-17.24	54.0	24.00	AV	296.00	100	Horizontal	Pass
2	4368.600	50.69	-3.87	74.0	23.31	Peak	251.00	200	Horizontal	Pass
2**	4368.600	42.05	-3.87	54.0	11.95	AV	251.00	200	Horizontal	Pass
3	5696.200	103.55	-1.17	--	--	Peak	102.00	200	Horizontal	N/A
3**	5696.200	94.11	-1.17	--	--	AV	102.00	200	Horizontal	N/A
4	7391.575	49.96	-3.87	74.0	24.04	Peak	133.00	400	Horizontal	Pass
4**	7391.575	41.06	-3.87	54.0	12.94	AV	133.00	400	Horizontal	Pass
5	12226.750	53.46	1.31	74.0	20.54	Peak	84.00	200	Horizontal	Pass
5**	12226.750	43.98	1.31	54.0	10.02	AV	84.00	200	Horizontal	Pass
6	16029.674	55.93	0.71	74.0	18.07	Peak	360.00	100	Horizontal	Pass
6**	16029.674	46.92	0.71	54.0	7.08	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.700	39.31	-17.22	74.0	34.69	Peak	360.00	300	Vertical	Pass
1**	1511.700	30.44	-17.22	54.0	23.56	AV	360.00	300	Vertical	Pass
2	4226.400	50.25	-4.00	74.0	23.75	Peak	241.00	200	Vertical	Pass
2**	4226.400	40.74	-4.00	54.0	13.26	AV	241.00	200	Vertical	Pass
3	5701.000	108.50	-1.44	--	--	Peak	306.00	200	Vertical	N/A
3**	5701.000	99.04	-1.44	--	--	AV	306.00	200	Vertical	N/A
4	7338.100	50.84	-2.89	74.0	23.16	Peak	360.00	100	Vertical	Pass
4**	7338.100	41.56	-2.89	54.0	12.44	AV	360.00	100	Vertical	Pass
5	12440.937	53.49	1.78	74.0	20.51	Peak	215.00	150	Vertical	Pass
5**	12440.937	43.44	1.78	54.0	10.56	AV	215.00	150	Vertical	Pass
6	16069.838	56.43	1.33	74.0	17.57	Peak	151.00	400	Vertical	Pass
6**	16069.838	47.33	1.33	54.0	6.67	AV	151.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1610.000	38.64	-17.23	74.0	35.36	Peak	303.00	100	Horizontal	Pass
1**	1610.000	29.32	-17.23	54.0	24.68	AV	303.00	100	Horizontal	Pass
2	4377.800	50.67	-3.48	74.0	23.33	Peak	190.00	200	Horizontal	Pass
2**	4377.800	42.20	-3.48	54.0	11.80	AV	190.00	200	Horizontal	Pass
3	5746.600	101.72	-2.21	--	--	Peak	283.00	200	Horizontal	N/A
3**	5746.600	94.26	-2.21	--	--	AV	283.00	200	Horizontal	N/A
4	7673.900	50.39	-2.34	74.0	23.61	Peak	360.00	200	Horizontal	Pass
4**	7673.900	40.46	-2.34	54.0	13.54	AV	360.00	200	Horizontal	Pass
5	11336.651	53.30	0.33	74.0	20.70	Peak	360.00	200	Horizontal	Pass
5**	11336.651	43.42	0.33	54.0	10.58	AV	360.00	200	Horizontal	Pass
6	15793.162	56.53	2.11	74.0	17.47	Peak	322.00	200	Horizontal	Pass
6**	15793.162	47.39	2.11	54.0	6.61	AV	322.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.900	39.92	-16.83	74.0	34.08	Peak	61.00	200	Vertical	Pass
1**	1585.900	29.75	-16.83	54.0	24.25	AV	61.00	200	Vertical	Pass
2	4393.800	50.69	-3.76	74.0	23.31	Peak	219.00	200	Vertical	Pass
2**	4393.800	41.61	-3.76	54.0	12.39	AV	219.00	200	Vertical	Pass
3	5743.400	105.54	-2.11	--	--	Peak	291.00	150	Vertical	N/A
3**	5743.400	98.57	-2.11	--	--	AV	291.00	150	Vertical	N/A
4	7345.575	50.13	-3.51	74.0	23.87	Peak	65.00	200	Vertical	Pass
4**	7345.575	40.86	-3.51	54.0	13.14	AV	65.00	200	Vertical	Pass
5	10942.200	53.34	-0.09	74.0	20.66	Peak	223.00	200	Vertical	Pass
5**	10942.200	43.05	-0.09	54.0	10.95	AV	223.00	200	Vertical	Pass
6	15788.701	56.98	1.96	74.0	17.02	Peak	123.00	200	Vertical	Pass
6**	15788.701	47.80	1.96	54.0	6.20	AV	123.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.400	38.78	-16.84	74.0	35.22	Peak	68.00	200	Horizontal	Pass
1**	1491.400	30.13	-16.84	54.0	23.87	AV	68.00	200	Horizontal	Pass
2	4385.600	50.31	-3.36	74.0	23.69	Peak	303.00	100	Horizontal	Pass
2**	4385.600	42.49	-3.36	54.0	11.51	AV	303.00	100	Horizontal	Pass
3	5782.800	102.97	-1.40	--	--	Peak	269.00	100	Horizontal	N/A
3**	5782.800	95.59	-1.40	--	--	AV	269.00	100	Horizontal	N/A
4	7343.563	49.99	-3.39	74.0	24.01	Peak	297.00	100	Horizontal	Pass
4**	7343.563	41.26	-3.39	54.0	12.74	AV	297.00	100	Horizontal	Pass
5	12291.438	53.55	1.64	74.0	20.45	Peak	242.00	200	Horizontal	Pass
5**	12291.438	44.34	1.64	54.0	9.66	AV	242.00	200	Horizontal	Pass
6	15849.600	56.28	1.33	74.0	17.72	Peak	171.00	200	Horizontal	Pass
6**	15849.600	46.78	1.33	54.0	7.22	AV	171.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.200	38.74	-16.75	74.0	35.26	Peak	344.00	100	Vertical	Pass
1**	1489.200	29.84	-16.75	54.0	24.16	AV	344.00	100	Vertical	Pass
2	4384.000	50.40	-3.64	74.0	23.60	Peak	0.00	400	Vertical	Pass
2**	4384.000	41.93	-3.64	54.0	12.07	AV	0.00	400	Vertical	Pass
3	5783.400	106.19	-1.48	--	--	Peak	106.00	200	Vertical	N/A
3**	5783.400	98.89	-1.48	--	--	AV	106.00	200	Vertical	N/A
4	7338.387	49.89	-2.90	74.0	24.11	Peak	271.00	100	Vertical	Pass
4**	7338.387	41.30	-2.90	54.0	12.70	AV	271.00	100	Vertical	Pass
5	12396.951	53.34	1.59	74.0	20.66	Peak	360.00	150	Vertical	Pass
5**	12396.951	44.00	1.59	54.0	10.00	AV	360.00	150	Vertical	Pass
6	15820.200	56.32	1.87	74.0	17.68	Peak	148.00	300	Vertical	Pass
6**	15820.200	47.19	1.87	54.0	6.81	AV	148.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1618.000	39.47	-17.24	74.0	34.53	Peak	360.00	400	Horizontal	Pass
1**	1618.000	29.25	-17.24	54.0	24.75	AV	360.00	400	Horizontal	Pass
2	4264.400	50.47	-4.52	74.0	23.53	Peak	3.00	300	Horizontal	Pass
2**	4264.400	41.23	-4.52	54.0	12.77	AV	3.00	300	Horizontal	Pass
3	5823.800	101.66	-2.13	--	--	Peak	260.00	100	Horizontal	N/A
3**	5823.800	94.60	-2.13	--	--	AV	260.00	100	Horizontal	N/A
4	7342.987	50.79	-3.31	74.0	23.21	Peak	84.00	300	Horizontal	Pass
4**	7342.987	41.26	-3.31	54.0	12.74	AV	84.00	300	Horizontal	Pass
5	12277.349	53.38	1.71	74.0	20.62	Peak	360.00	150	Horizontal	Pass
5**	12277.349	44.58	1.71	54.0	9.42	AV	360.00	150	Horizontal	Pass
6	15845.401	56.47	1.37	74.0	17.53	Peak	246.00	100	Horizontal	Pass
6**	15845.401	47.11	1.37	54.0	6.89	AV	246.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.800	40.96	-16.97	74.0	33.04	Peak	74.00	200	Vertical	Pass
1**	1499.800	30.02	-16.97	54.0	23.98	AV	74.00	200	Vertical	Pass
2	4359.800	50.97	-4.06	74.0	23.03	Peak	184.00	100	Vertical	Pass
2**	4359.800	41.01	-4.06	54.0	12.99	AV	184.00	100	Vertical	Pass
3	5827.200	105.36	-1.96	--	--	Peak	172.00	200	Vertical	N/A
3**	5827.200	98.53	-1.96	--	--	AV	172.00	200	Vertical	N/A
4	7338.675	51.38	-2.91	74.0	22.62	Peak	84.00	400	Vertical	Pass
4**	7338.675	41.25	-2.91	54.0	12.75	AV	84.00	400	Vertical	Pass
5	12238.537	53.19	1.09	74.0	20.81	Peak	312.00	200	Vertical	Pass
5**	12238.537	44.69	1.09	54.0	9.31	AV	312.00	200	Vertical	Pass
6	16075.088	55.93	1.54	74.0	18.07	Peak	0.00	400	Vertical	Pass
6**	16075.088	46.91	1.54	54.0	7.09	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.700	39.58	-17.19	74.0	34.42	Peak	264.00	200	Horizontal	Pass
1**	1531.700	29.58	-17.19	54.0	24.42	AV	264.00	200	Horizontal	Pass
2	4389.600	50.15	-3.34	74.0	23.85	Peak	251.00	300	Horizontal	Pass
2**	4389.600	41.97	-3.34	54.0	12.03	AV	251.00	300	Horizontal	Pass
3	5743.400	101.33	-2.11	--	--	Peak	261.00	150	Horizontal	N/A
3**	5743.400	93.85	-2.11	--	--	AV	261.00	150	Horizontal	N/A
4	7394.163	50.22	-3.85	74.0	23.78	Peak	12.00	300	Horizontal	Pass
4**	7394.163	40.69	-3.85	54.0	13.31	AV	12.00	300	Horizontal	Pass
5	11047.713	53.41	-0.61	74.0	20.59	Peak	312.00	150	Horizontal	Pass
5**	11047.713	43.41	-0.61	54.0	10.59	AV	312.00	150	Horizontal	Pass
6	15795.262	56.08	2.18	74.0	17.92	Peak	282.00	100	Horizontal	Pass
6**	15795.262	47.29	2.18	54.0	6.71	AV	282.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1561.600	38.95	-16.79	74.0	35.05	Peak	0.00	100	Vertical	Pass
1**	1561.600	29.24	-16.79	54.0	24.76	AV	0.00	100	Vertical	Pass
2	4390.400	50.20	-3.30	74.0	23.80	Peak	138.00	200	Vertical	Pass
2**	4390.400	41.97	-3.30	54.0	12.03	AV	138.00	200	Vertical	Pass
3	5743.800	106.04	-2.07	--	--	Peak	171.00	150	Vertical	N/A
3**	5743.800	98.54	-2.07	--	--	AV	171.00	150	Vertical	N/A
4	7354.775	50.26	-3.76	74.0	23.74	Peak	51.00	400	Vertical	Pass
4**	7354.775	41.70	-3.76	54.0	12.30	AV	51.00	400	Vertical	Pass
5	12406.725	54.55	1.47	74.0	19.45	Peak	250.00	150	Vertical	Pass
5**	12406.725	44.06	1.47	54.0	9.94	AV	250.00	150	Vertical	Pass
6	15853.799	55.94	1.23	74.0	18.06	Peak	360.00	200	Vertical	Pass
6**	15853.799	46.92	1.23	54.0	7.08	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.600	38.63	-16.84	74.0	35.37	Peak	28.00	400	Horizontal	Pass
1**	1505.600	29.47	-16.84	54.0	24.53	AV	28.00	400	Horizontal	Pass
2	4366.400	50.27	-3.85	74.0	23.73	Peak	0.00	100	Horizontal	Pass
2**	4366.400	41.75	-3.85	54.0	12.25	AV	0.00	100	Horizontal	Pass
3	5782.400	102.00	-1.35	--	--	Peak	296.00	150	Horizontal	N/A
3**	5782.400	94.04	-1.35	--	--	AV	296.00	150	Horizontal	N/A
4	7337.525	49.77	-2.90	74.0	24.23	Peak	255.00	200	Horizontal	Pass
4**	7337.525	41.83	-2.90	54.0	12.17	AV	255.00	200	Horizontal	Pass
5	12284.537	53.47	1.78	74.0	20.53	Peak	101.00	200	Horizontal	Pass
5**	12284.537	43.53	1.78	54.0	10.47	AV	101.00	200	Horizontal	Pass
6	16098.187	56.16	1.25	74.0	17.84	Peak	125.00	300	Horizontal	Pass
6**	16098.187	47.38	1.25	54.0	6.62	AV	125.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.700	39.00	-16.73	74.0	35.00	Peak	59.00	400	Vertical	Pass
1**	1489.700	30.46	-16.73	54.0	23.54	AV	59.00	400	Vertical	Pass
2	4380.200	50.26	-3.35	74.0	23.74	Peak	6.00	100	Vertical	Pass
2**	4380.200	42.03	-3.35	54.0	11.97	AV	6.00	100	Vertical	Pass
3	5781.400	105.23	-1.49	--	--	Peak	16.00	200	Vertical	N/A
3**	5781.400	96.94	-1.49	--	--	AV	16.00	200	Vertical	N/A
4	7445.338	50.12	-3.16	74.0	23.88	Peak	63.00	200	Vertical	Pass
4**	7445.338	41.01	-3.16	54.0	12.99	AV	63.00	200	Vertical	Pass
5	12398.675	53.59	1.58	74.0	20.41	Peak	324.00	100	Vertical	Pass
5**	12398.675	44.59	1.58	54.0	9.41	AV	324.00	100	Vertical	Pass
6	16078.500	55.91	1.61	74.0	18.09	Peak	135.00	300	Vertical	Pass
6**	16078.500	46.36	1.61	54.0	7.64	AV	135.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.800	38.82	-16.98	74.0	35.18	Peak	74.00	100	Horizontal	Pass
1**	1501.800	29.28	-16.98	54.0	24.72	AV	74.00	100	Horizontal	Pass
2	4237.200	50.82	-4.13	74.0	23.18	Peak	102.00	300	Horizontal	Pass
2**	4237.200	40.59	-4.13	54.0	13.41	AV	102.00	300	Horizontal	Pass
3	5826.200	102.76	-2.03	--	--	Peak	309.00	150	Horizontal	N/A
3**	5826.200	95.17	-2.03	--	--	AV	309.00	150	Horizontal	N/A
4	7340.975	49.97	-3.07	74.0	24.03	Peak	137.00	300	Horizontal	Pass
4**	7340.975	41.26	-3.07	54.0	12.74	AV	137.00	300	Horizontal	Pass
5	12442.951	52.97	1.80	74.0	21.03	Peak	51.00	150	Horizontal	Pass
5**	12442.951	43.30	1.80	54.0	10.70	AV	51.00	150	Horizontal	Pass
6	16095.563	55.93	1.31	74.0	18.07	Peak	325.00	200	Horizontal	Pass
6**	16095.563	46.95	1.31	54.0	7.05	AV	325.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.800	38.80	-17.18	74.0	35.20	Peak	43.00	300	Vertical	Pass
1**	1611.800	29.46	-17.18	54.0	24.54	AV	43.00	300	Vertical	Pass
2	4390.800	50.06	-3.35	74.0	23.94	Peak	360.00	300	Vertical	Pass
2**	4390.800	41.38	-3.35	54.0	12.62	AV	360.00	300	Vertical	Pass
3	5823.400	105.01	-2.13	--	--	Peak	18.00	150	Vertical	N/A
3**	5823.400	97.17	-2.13	--	--	AV	18.00	150	Vertical	N/A
4	7269.675	50.49	-2.93	74.0	23.51	Peak	360.00	100	Vertical	Pass
4**	7269.675	40.79	-2.93	54.0	13.21	AV	360.00	100	Vertical	Pass
5	12368.201	53.96	1.24	74.0	20.04	Peak	117.00	100	Vertical	Pass
5**	12368.201	45.37	1.24	54.0	8.63	AV	117.00	100	Vertical	Pass
6	15843.037	56.37	1.40	74.0	17.63	Peak	243.00	400	Vertical	Pass
6**	15843.037	46.69	1.40	54.0	7.31	AV	243.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.100	39.03	-17.20	74.0	34.97	Peak	3.00	100	Horizontal	Pass
1**	1515.100	28.72	-17.20	54.0	25.28	AV	3.00	100	Horizontal	Pass
2	4380.800	50.75	-3.46	74.0	23.25	Peak	111.00	400	Horizontal	Pass
2**	4380.800	42.98	-3.46	54.0	11.02	AV	111.00	400	Horizontal	Pass
3	5746.200	102.38	-2.21	--	--	Peak	305.00	150	Horizontal	N/A
3**	5746.200	94.96	-2.21	--	--	AV	305.00	150	Horizontal	N/A
4	7327.750	50.39	-3.45	74.0	23.61	Peak	330.00	400	Horizontal	Pass
4**	7327.750	41.18	-3.45	54.0	12.82	AV	330.00	400	Horizontal	Pass
5	12282.237	53.51	1.79	74.0	20.49	Peak	113.00	150	Horizontal	Pass
5**	12282.237	43.64	1.79	54.0	10.36	AV	113.00	150	Horizontal	Pass
6	16183.238	57.23	1.52	74.0	16.77	Peak	25.00	300	Horizontal	Pass
6**	16183.238	47.35	1.52	54.0	6.65	AV	25.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.900	39.32	-17.15	74.0	34.68	Peak	127.00	400	Vertical	Pass
1**	1497.900	31.79	-17.15	54.0	22.21	AV	127.00	400	Vertical	Pass
2	4149.800	50.29	-4.83	74.0	23.71	Peak	125.00	400	Vertical	Pass
2**	4149.800	41.65	-4.83	54.0	12.35	AV	125.00	400	Vertical	Pass
3	5744.000	105.50	-2.06	--	--	Peak	70.00	100	Vertical	N/A
3**	5744.000	99.18	-2.06	--	--	AV	70.00	100	Vertical	N/A
4	7340.112	50.01	-2.98	74.0	23.99	Peak	0.00	200	Vertical	Pass
4**	7340.112	41.68	-2.98	54.0	12.32	AV	0.00	200	Vertical	Pass
5	12395.513	53.08	1.60	74.0	20.92	Peak	31.00	150	Vertical	Pass
5**	12395.513	44.63	1.60	54.0	9.37	AV	31.00	150	Vertical	Pass
6	15511.763	55.71	1.43	74.0	18.29	Peak	54.00	100	Vertical	Pass
6**	15511.763	46.26	1.43	54.0	7.74	AV	54.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.500	38.90	-17.17	74.0	35.10	Peak	335.00	200	Horizontal	Pass
1**	1516.500	29.02	-17.17	54.0	24.98	AV	335.00	200	Horizontal	Pass
2	4378.200	50.35	-3.44	74.0	23.65	Peak	86.00	400	Horizontal	Pass
2**	4378.200	41.64	-3.44	54.0	12.36	AV	86.00	400	Horizontal	Pass
3	5784.000	102.74	-1.57	--	--	Peak	305.00	200	Horizontal	N/A
3**	5784.000	96.77	-1.57	--	--	AV	305.00	200	Horizontal	N/A
4	7326.600	50.11	-3.41	74.0	23.89	Peak	68.00	400	Horizontal	Pass
4**	7326.600	40.56	-3.41	54.0	13.44	AV	68.00	400	Horizontal	Pass
5	11922.000	53.08	1.50	74.0	20.92	Peak	266.00	200	Horizontal	Pass
5**	11922.000	43.87	1.50	54.0	10.13	AV	266.00	200	Horizontal	Pass
6	16164.862	55.73	1.03	74.0	18.27	Peak	0.00	300	Horizontal	Pass
6**	16164.862	47.04	1.03	54.0	6.96	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.700	40.61	-16.88	74.0	33.39	Peak	247.00	100	Vertical	Pass
1**	1493.700	31.18	-16.88	54.0	22.82	AV	247.00	100	Vertical	Pass
2	4392.800	50.25	-3.61	74.0	23.75	Peak	360.00	300	Vertical	Pass
2**	4392.800	41.88	-3.61	54.0	12.12	AV	360.00	300	Vertical	Pass
3	5782.400	106.01	-1.35	--	--	Peak	71.00	150	Vertical	N/A
3**	5782.400	98.77	-1.35	--	--	AV	71.00	150	Vertical	N/A
4	7342.700	50.83	-3.27	74.0	23.17	Peak	193.00	200	Vertical	Pass
4**	7342.700	41.52	-3.27	54.0	12.48	AV	193.00	200	Vertical	Pass
5	12361.875	53.15	1.18	74.0	20.85	Peak	314.00	150	Vertical	Pass
5**	12361.875	43.98	1.18	54.0	10.02	AV	314.00	150	Vertical	Pass
6	16066.688	56.29	1.21	74.0	17.71	Peak	0.00	400	Vertical	Pass
6**	16066.688	46.68	1.21	54.0	7.32	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.100	38.46	-16.76	74.0	35.54	Peak	137.00	300	Horizontal	Pass
1**	1489.100	29.37	-16.76	54.0	24.63	AV	137.00	300	Horizontal	Pass
2	4366.200	50.60	-3.86	74.0	23.40	Peak	162.00	300	Horizontal	Pass
2**	4366.200	41.53	-3.86	54.0	12.47	AV	162.00	300	Horizontal	Pass
3	5823.800	102.18	-2.13	--	--	Peak	264.00	200	Horizontal	N/A
3**	5823.800	94.93	-2.13	--	--	AV	264.00	200	Horizontal	N/A
4	7358.225	50.16	-3.78	74.0	23.84	Peak	345.00	300	Horizontal	Pass
4**	7358.225	40.93	-3.78	54.0	13.07	AV	345.00	300	Horizontal	Pass
5	12091.050	53.05	0.53	74.0	20.95	Peak	117.00	150	Horizontal	Pass
5**	12091.050	43.67	0.53	54.0	10.33	AV	117.00	150	Horizontal	Pass
6	15638.550	56.21	1.41	74.0	17.79	Peak	343.00	100	Horizontal	Pass
6**	15638.550	46.15	1.41	54.0	7.85	AV	343.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.700	40.87	-16.93	74.0	33.13	Peak	65.00	200	Vertical	Pass
1**	1496.700	33.36	-16.93	54.0	20.64	AV	65.00	200	Vertical	Pass
2	4379.000	50.46	-3.36	74.0	23.54	Peak	107.00	300	Vertical	Pass
2**	4379.000	42.26	-3.36	54.0	11.74	AV	107.00	300	Vertical	Pass
3	5826.800	105.38	-2.00	--	--	Peak	17.00	200	Vertical	N/A
3**	5826.800	97.84	-2.00	--	--	AV	17.00	200	Vertical	N/A
4	7345.862	50.48	-3.52	74.0	23.52	Peak	220.00	100	Vertical	Pass
4**	7345.862	41.55	-3.52	54.0	12.45	AV	220.00	100	Vertical	Pass
5	12315.588	53.29	1.41	74.0	20.71	Peak	360.00	200	Vertical	Pass
5**	12315.588	44.08	1.41	54.0	9.92	AV	360.00	200	Vertical	Pass
6	15838.576	55.71	1.45	74.0	18.29	Peak	0.00	400	Vertical	Pass
6**	15838.576	46.84	1.45	54.0	7.16	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.100	39.90	-17.38	74.0	34.10	Peak	53.00	100	Horizontal	Pass
1**	1620.100	34.45	-17.38	54.0	19.55	AV	53.00	100	Horizontal	Pass
2	4377.400	50.74	-3.58	74.0	23.26	Peak	349.00	100	Horizontal	Pass
2**	4377.400	41.64	-3.58	54.0	12.36	AV	349.00	100	Horizontal	Pass
3	5751.800	102.69	-2.05	--	--	Peak	95.00	100	Horizontal	N/A
3**	5751.800	93.44	-2.05	--	--	AV	95.00	100	Horizontal	N/A
4	7502.263	49.65	-3.08	74.0	24.35	Peak	0.00	300	Horizontal	Pass
4**	7502.263	40.37	-3.08	54.0	13.63	AV	0.00	300	Horizontal	Pass
5	12287.126	53.64	1.73	74.0	20.36	Peak	247.00	150	Horizontal	Pass
5**	12287.126	44.11	1.73	54.0	9.89	AV	247.00	150	Horizontal	Pass
6	16080.862	56.23	1.62	74.0	17.77	Peak	317.00	200	Horizontal	Pass
6**	16080.862	47.24	1.62	54.0	6.76	AV	317.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.200	39.42	-17.23	74.0	34.58	Peak	20.00	100	Vertical	Pass
1**	1512.200	31.82	-17.23	54.0	22.18	AV	20.00	100	Vertical	Pass
2	4342.400	50.02	-4.25	74.0	23.98	Peak	112.00	300	Vertical	Pass
2**	4342.400	40.99	-4.25	54.0	13.01	AV	112.00	300	Vertical	Pass
3	5746.000	108.74	-2.21	--	--	Peak	101.00	200	Vertical	N/A
3**	5746.000	99.53	-2.21	--	--	AV	101.00	200	Vertical	N/A
4	7504.850	49.72	-3.04	74.0	24.28	Peak	360.00	300	Vertical	Pass
4**	7504.850	40.99	-3.04	54.0	13.01	AV	360.00	300	Vertical	Pass
5	12316.738	53.09	1.41	74.0	20.91	Peak	199.00	100	Vertical	Pass
5**	12316.738	44.37	1.41	54.0	9.63	AV	199.00	100	Vertical	Pass
6	15641.175	55.87	1.32	74.0	18.13	Peak	224.00	200	Vertical	Pass
6**	15641.175	46.27	1.32	54.0	7.73	AV	224.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.000	40.39	-17.42	74.0	33.61	Peak	50.00	200	Horizontal	Pass
1**	1620.000	34.63	-17.42	54.0	19.37	AV	50.00	200	Horizontal	Pass
2	4318.000	50.56	-4.13	74.0	23.44	Peak	360.00	200	Horizontal	Pass
2**	4318.000	41.31	-4.13	54.0	12.69	AV	360.00	200	Horizontal	Pass
3	5784.000	102.92	-1.57	--	--	Peak	103.00	150	Horizontal	N/A
3**	5784.000	94.26	-1.57	--	--	AV	103.00	150	Horizontal	N/A
4	7340.975	50.63	-3.07	74.0	23.37	Peak	182.00	200	Horizontal	Pass
4**	7340.975	41.25	-3.07	54.0	12.75	AV	182.00	200	Horizontal	Pass
5	12244.000	53.76	1.02	74.0	20.24	Peak	199.00	200	Horizontal	Pass
5**	12244.000	44.04	1.02	54.0	9.96	AV	199.00	200	Horizontal	Pass
6	16025.213	56.24	0.68	74.0	17.76	Peak	242.00	300	Horizontal	Pass
6**	16025.213	46.64	0.68	54.0	7.36	AV	242.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1619.700	40.02	-17.53	74.0	33.98	Peak	0.00	400	Vertical	Pass
1**	1619.700	32.24	-17.53	54.0	21.76	AV	0.00	400	Vertical	Pass
2	4377.800	51.06	-3.48	74.0	22.94	Peak	334.00	400	Vertical	Pass
2**	4377.800	41.89	-3.48	54.0	12.11	AV	334.00	400	Vertical	Pass
3	5783.200	107.51	-1.46	--	--	Peak	357.00	200	Vertical	N/A
3**	5783.200	99.05	-1.46	--	--	AV	357.00	200	Vertical	N/A
4	7355.925	49.73	-3.80	74.0	24.27	Peak	7.00	200	Vertical	Pass
4**	7355.925	40.18	-3.80	54.0	13.82	AV	7.00	200	Vertical	Pass
5	12530.925	53.44	1.29	74.0	20.56	Peak	245.00	150	Vertical	Pass
5**	12530.925	43.39	1.29	54.0	10.61	AV	245.00	150	Vertical	Pass
6	16099.237	56.53	1.22	74.0	17.47	Peak	177.00	300	Vertical	Pass
6**	16099.237	47.33	1.22	54.0	6.67	AV	177.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.300	40.66	-17.31	74.0	33.34	Peak	258.00	300	Horizontal	Pass
1**	1620.300	34.07	-17.31	54.0	19.93	AV	258.00	300	Horizontal	Pass
2	4288.400	50.33	-4.56	74.0	23.67	Peak	0.00	100	Horizontal	Pass
2**	4288.400	41.87	-4.56	54.0	12.13	AV	0.00	100	Horizontal	Pass
3	5824.200	102.57	-2.13	--	--	Peak	274.00	150	Horizontal	N/A
3**	5824.200	92.98	-2.13	--	--	AV	274.00	150	Horizontal	N/A
4	7333.788	50.08	-3.14	74.0	23.92	Peak	331.00	200	Horizontal	Pass
4**	7333.788	40.87	-3.14	54.0	13.13	AV	331.00	200	Horizontal	Pass
5	12313.287	53.54	1.39	74.0	20.46	Peak	360.00	100	Horizontal	Pass
5**	12313.287	44.24	1.39	54.0	9.76	AV	360.00	100	Horizontal	Pass
6	16085.063	56.70	1.53	74.0	17.30	Peak	280.00	200	Horizontal	Pass
6**	16085.063	47.05	1.53	54.0	6.95	AV	280.00	200	Horizontal	Pass

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

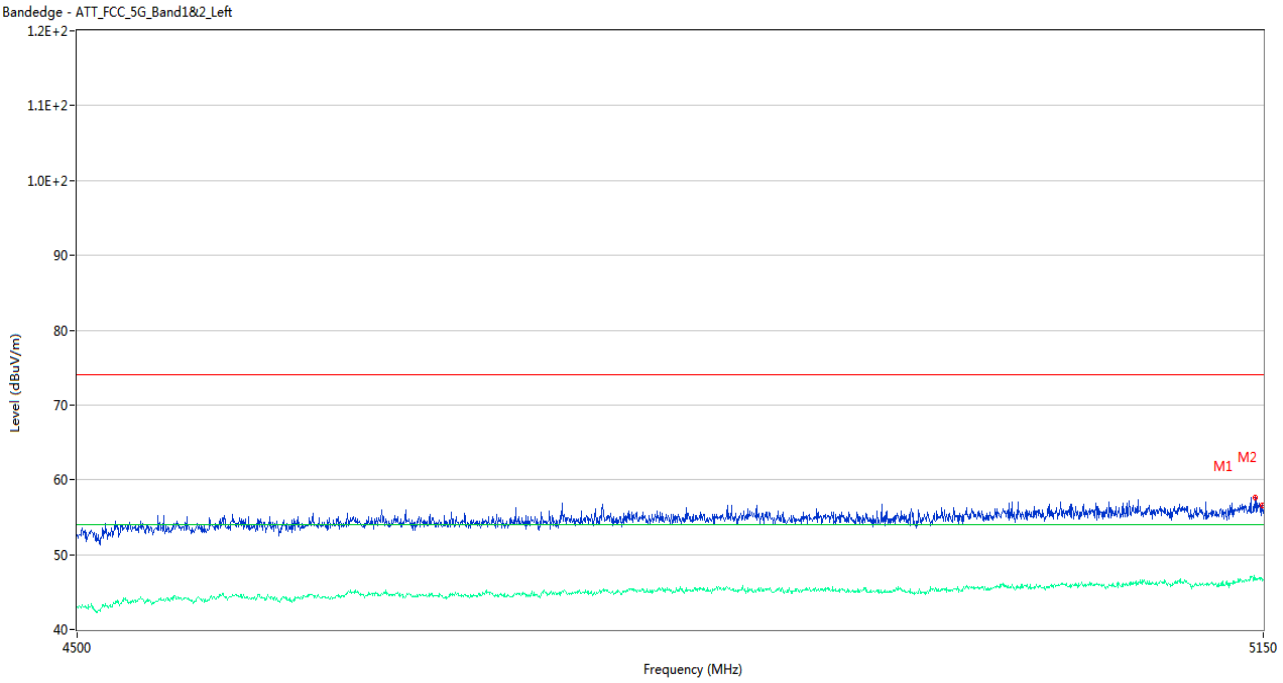
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.000	39.76	-17.42	74.0	34.24	Peak	298.00	100	Vertical	Pass
1**	1620.000	33.68	-17.42	54.0	20.32	AV	298.00	100	Vertical	Pass
2	4392.200	50.41	-3.53	74.0	23.59	Peak	251.00	100	Vertical	Pass
2**	4392.200	41.33	-3.53	54.0	12.67	AV	251.00	100	Vertical	Pass
3	5826.000	108.03	-2.05	--	--	Peak	134.00	150	Vertical	N/A
3**	5826.000	98.60	-2.05	--	--	AV	134.00	150	Vertical	N/A
4	7341.837	49.48	-3.15	74.0	24.52	Peak	35.00	100	Vertical	Pass
4**	7341.837	40.87	-3.15	54.0	13.13	AV	35.00	100	Vertical	Pass
5	11659.800	53.42	0.12	74.0	20.58	Peak	360.00	200	Vertical	Pass
5**	11659.800	44.04	0.12	54.0	9.96	AV	360.00	200	Vertical	Pass
6	16162.237	56.15	0.98	74.0	17.85	Peak	339.00	200	Vertical	Pass
6**	16162.237	46.09	0.98	54.0	7.91	AV	339.00	200	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11ac(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

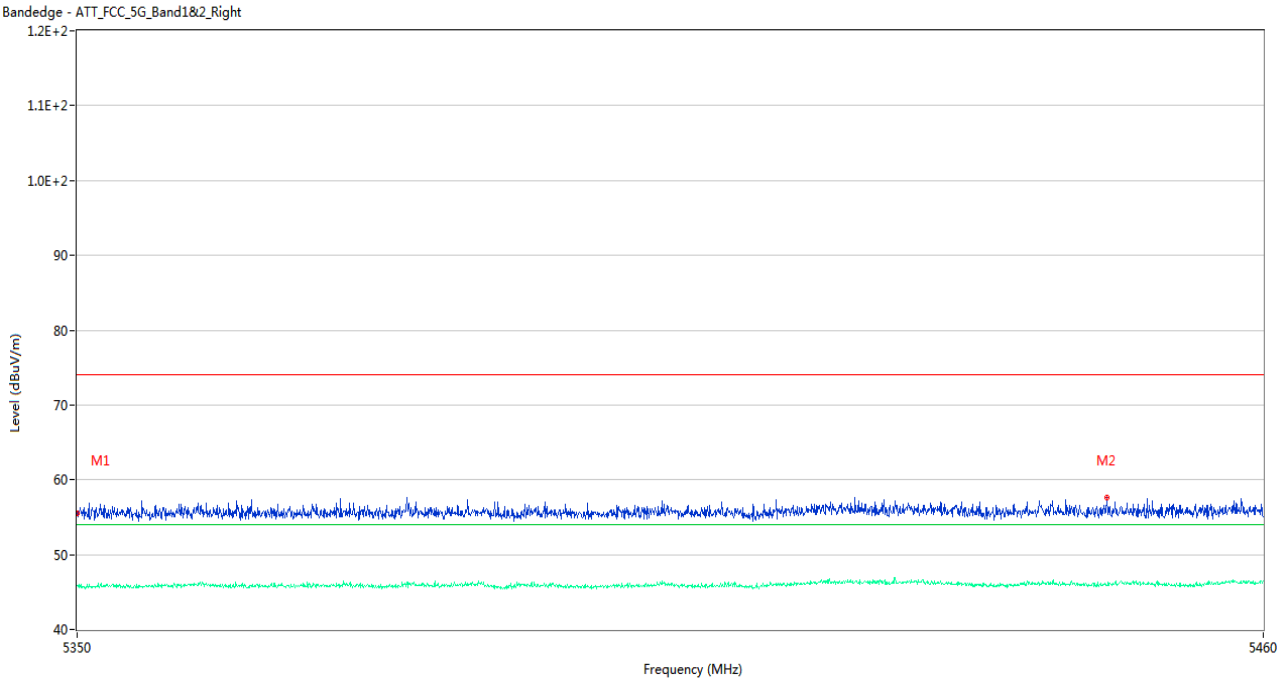
Test Data and Plots

U-NII-1 11a Low Channel



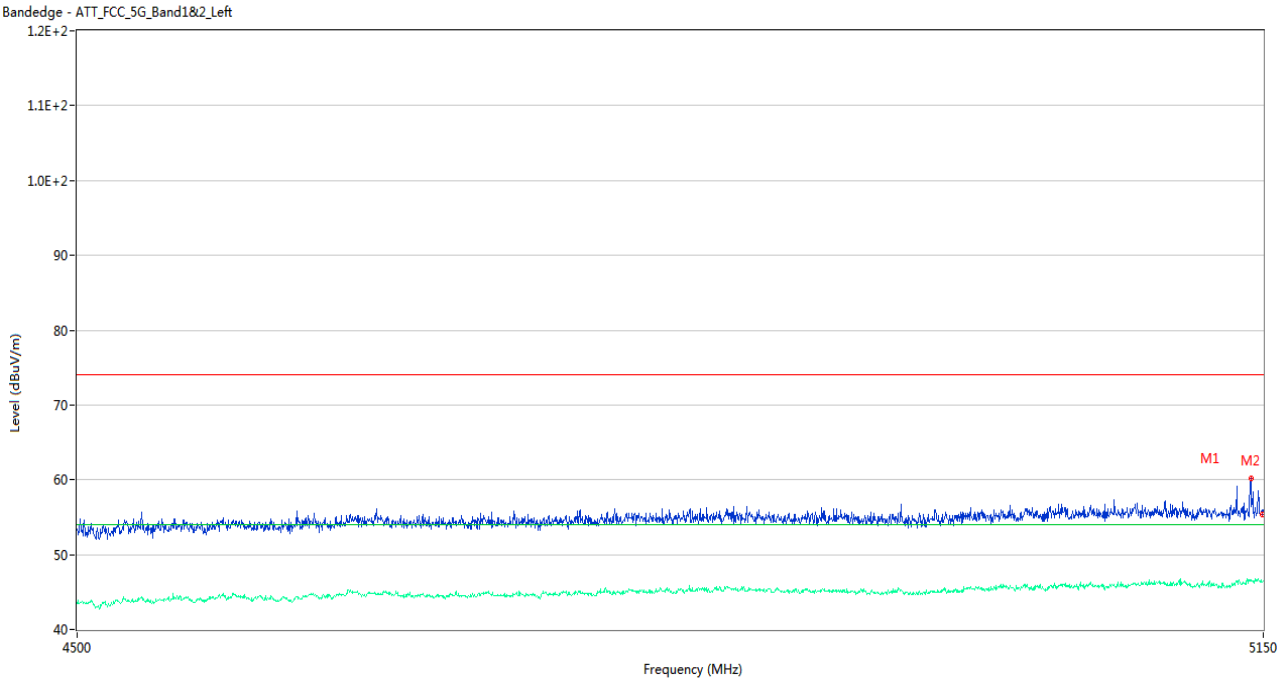
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.125	57.58	2.26	74.0	16.42	Peak	324.00	200	Vertical	Pass
1**	5145.125	46.87	2.26	54.0	7.13	AV	324.00	200	Vertical	Pass
2	5149.675	56.63	2.07	74.0	17.37	Peak	291.00	200	Vertical	Pass
2**	5149.675	46.52	2.07	54.0	7.48	AV	291.00	200	Vertical	Pass

U-NII-1 11a High Channel



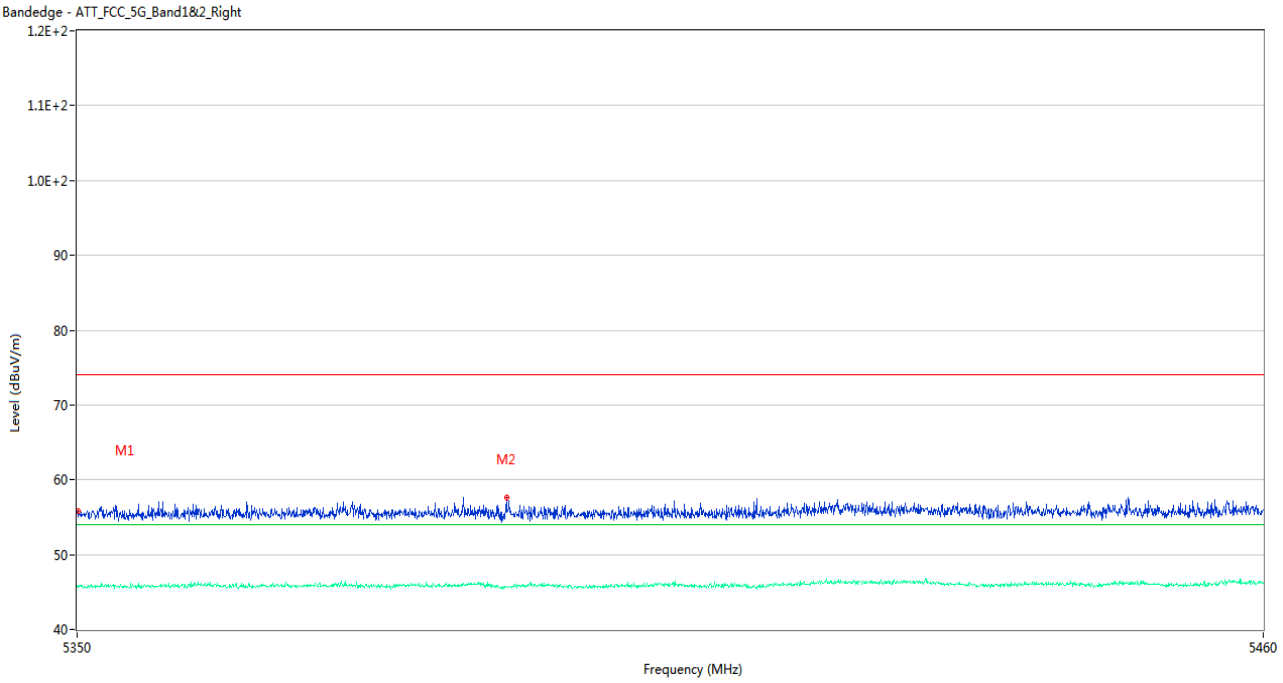
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.50	1.93	74.0	18.50	Peak	114.00	200	Vertical	Pass
1**	5350.000	45.88	1.93	54.0	8.12	AV	114.00	200	Vertical	Pass
2	5445.370	57.65	2.24	74.0	16.35	Peak	142.00	200	Vertical	Pass
2**	5445.370	45.94	2.24	54.0	8.06	AV	142.00	200	Vertical	Pass

U-NII-1 11n20 Low Channel



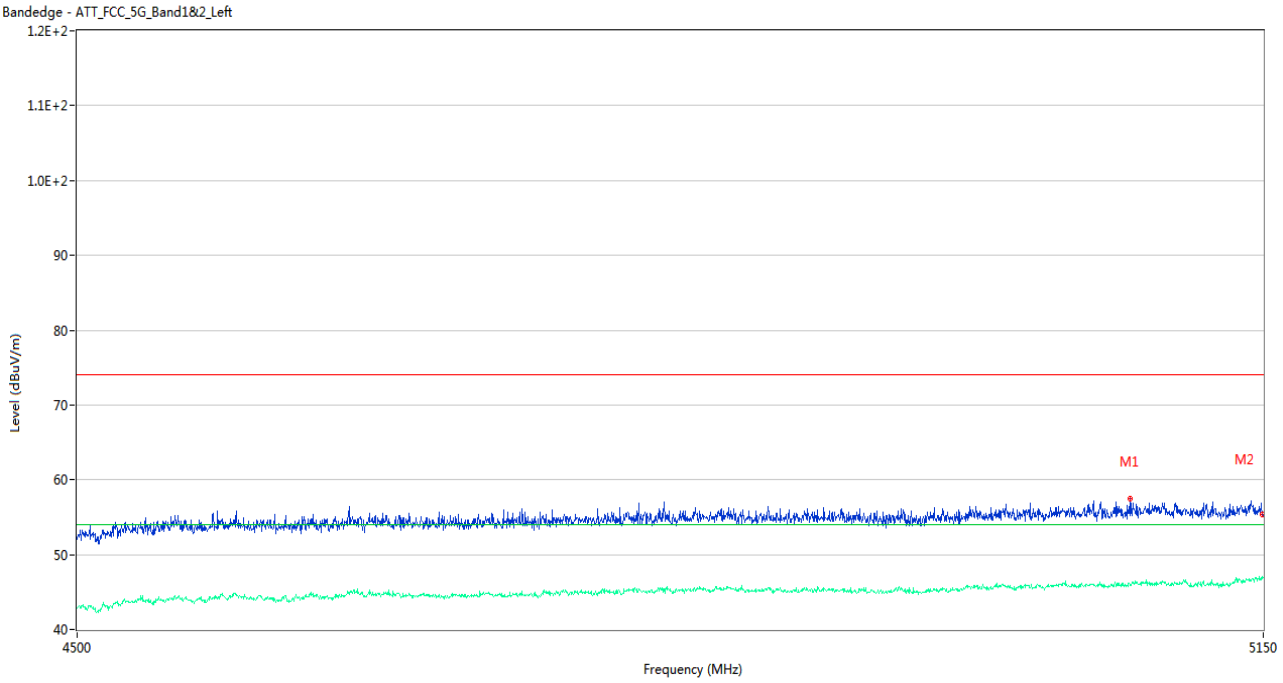
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5142.850	60.12	2.43	74.0	13.88	Peak	335.00	200	Vertical	Pass
1**	5142.850	46.46	2.43	54.0	7.54	AV	335.00	200	Vertical	Pass
2	5149.675	55.43	2.07	74.0	18.57	Peak	355.00	100	Vertical	Pass
2**	5149.675	46.29	2.07	54.0	7.71	AV	355.00	100	Vertical	Pass

U-NII-1 11n20 High Channel



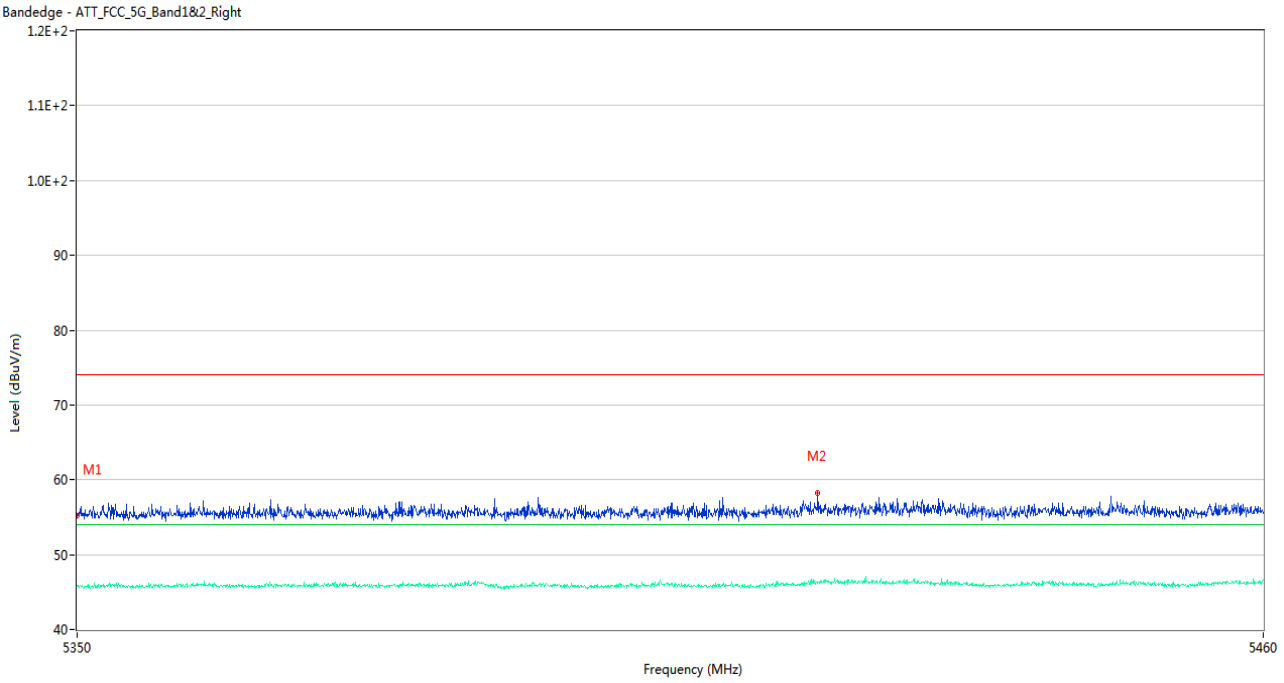
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.86	1.93	74.0	18.14	Peak	122.00	200	Vertical	Pass
1**	5350.055	45.62	1.93	54.0	8.38	AV	122.00	200	Vertical	Pass
2	5389.545	57.68	1.90	74.0	16.32	Peak	11.00	200	Vertical	Pass
2**	5389.545	45.75	1.90	54.0	8.25	AV	11.00	200	Vertical	Pass

U-NII-1 11ac20 Low Channel



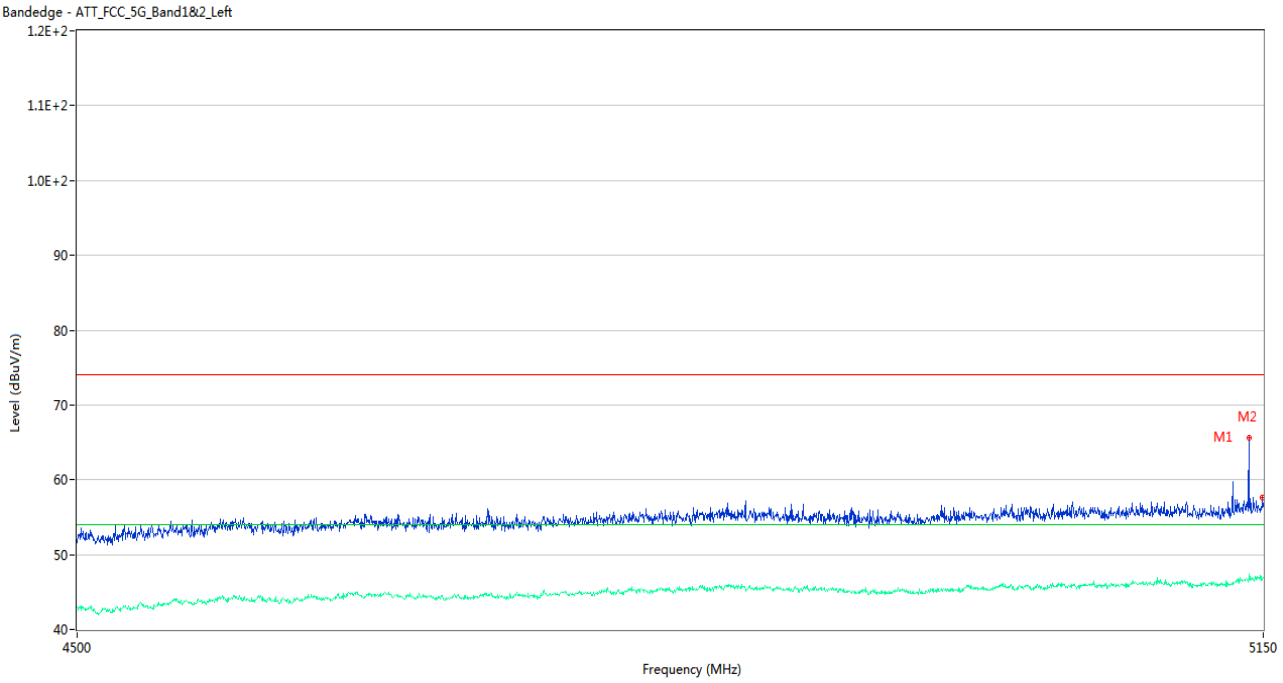
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5072.325	57.44	2.09	74.0	16.56	Peak	288.00	200	Vertical	Pass
1**	5072.325	46.01	2.09	54.0	7.99	AV	288.00	200	Vertical	Pass
2	5149.675	55.33	2.07	74.0	18.67	Peak	216.00	100	Vertical	Pass
2**	5149.675	46.75	2.07	54.0	7.25	AV	216.00	100	Vertical	Pass

U-NII-1 11ac20 High Channel



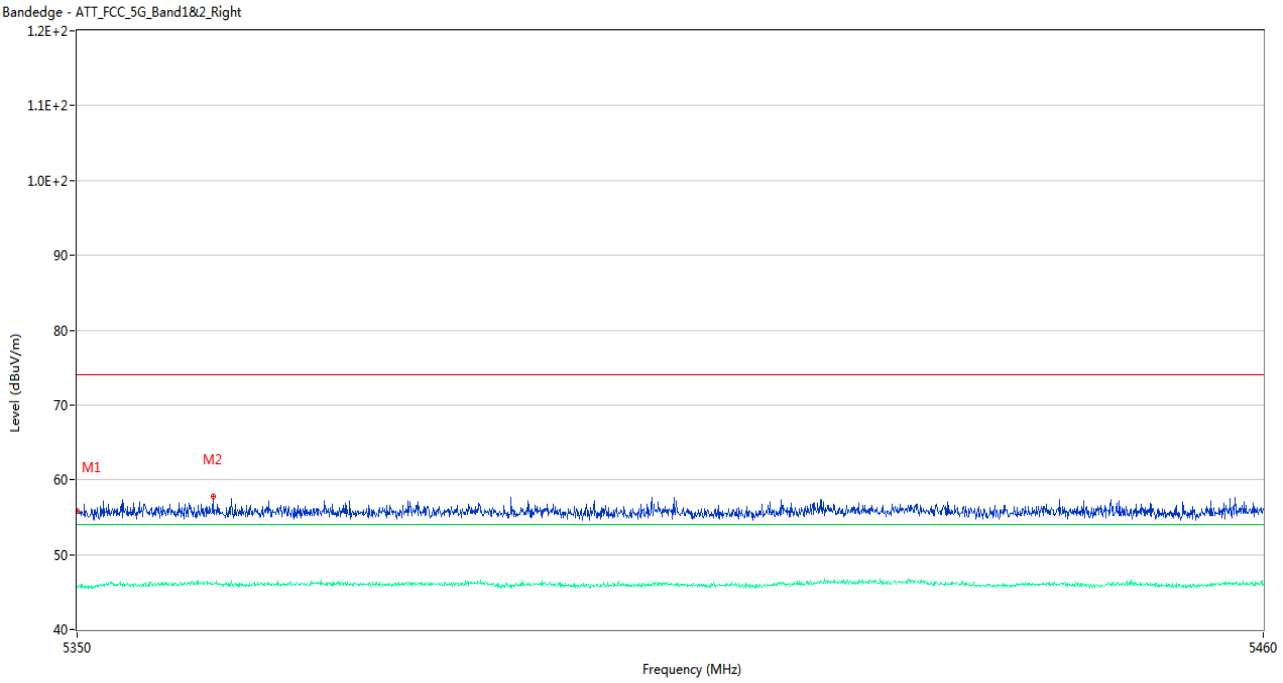
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.17	1.93	74.0	18.83	Peak	37.00	100	Vertical	Pass
1**	5350.000	45.85	1.93	54.0	8.15	AV	37.00	100	Vertical	Pass
2	5418.420	58.18	2.40	74.0	15.82	Peak	76.00	150	Vertical	Pass
2**	5418.420	46.13	2.40	54.0	7.87	AV	76.00	150	Vertical	Pass

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



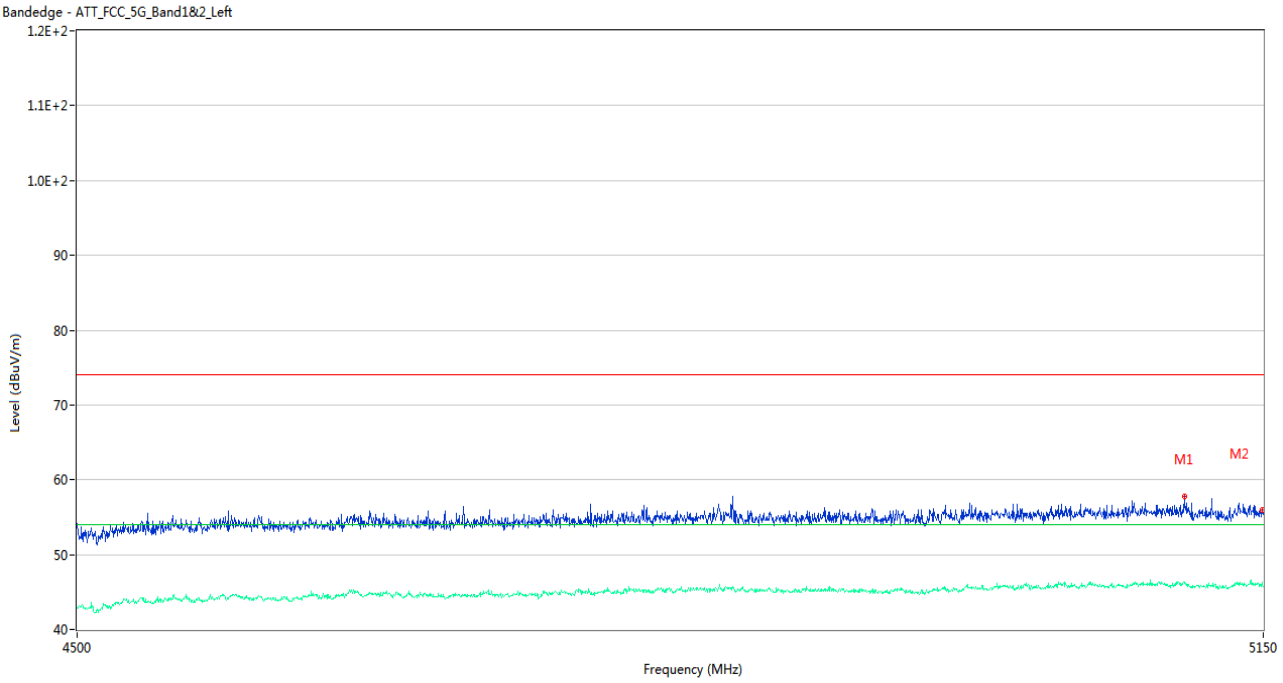
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.550	65.59	2.40	74.0	8.41	Peak	137.00	150	Vertical	Pass
1**	5141.550	46.63	2.40	54.0	7.37	AV	137.00	150	Vertical	Pass
2	5149.675	57.62	2.07	74.0	16.38	Peak	98.00	200	Vertical	Pass
2**	5149.675	46.57	2.07	54.0	7.43	AV	98.00	200	Vertical	Pass

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



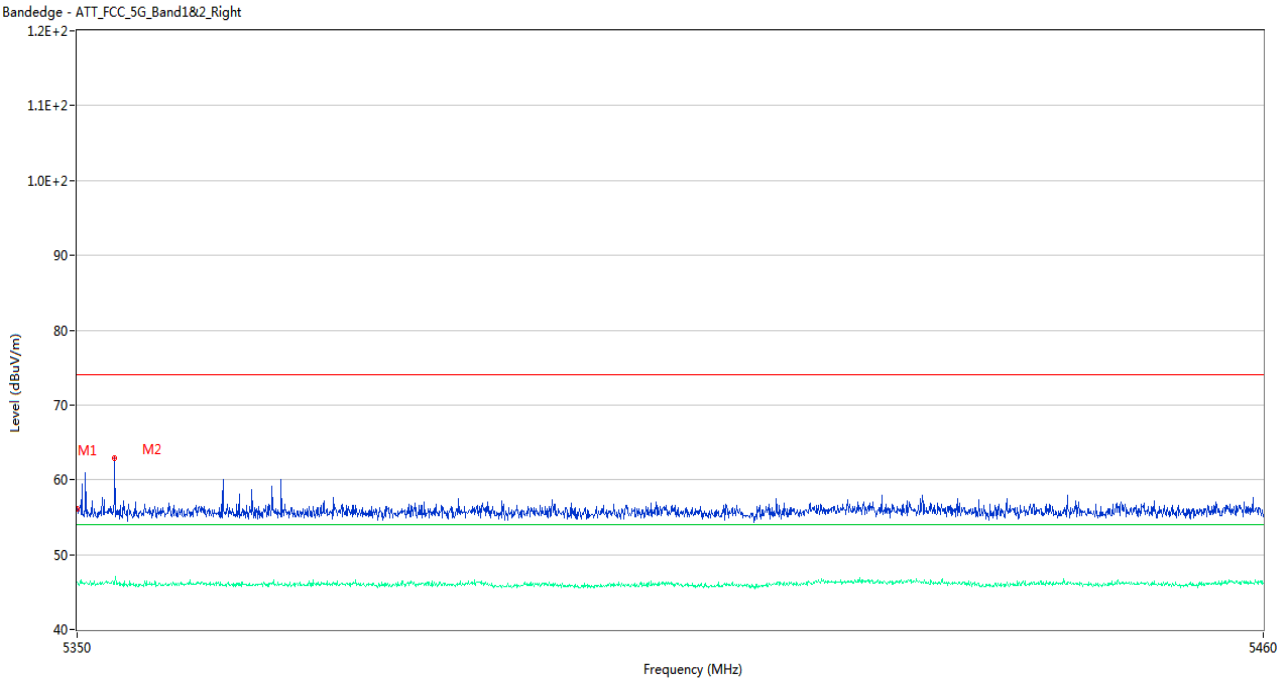
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.78	1.93	74.0	18.22	Peak	179.00	200	Vertical	Pass
1**	5350.000	45.73	1.93	54.0	8.27	AV	179.00	200	Vertical	Pass
2	5362.485	57.72	2.27	74.0	16.28	Peak	0.00	150	Vertical	Pass
2**	5362.485	46.07	2.27	54.0	7.93	AV	0.00	150	Vertical	Pass

U-NII-2A 11a Low Channel



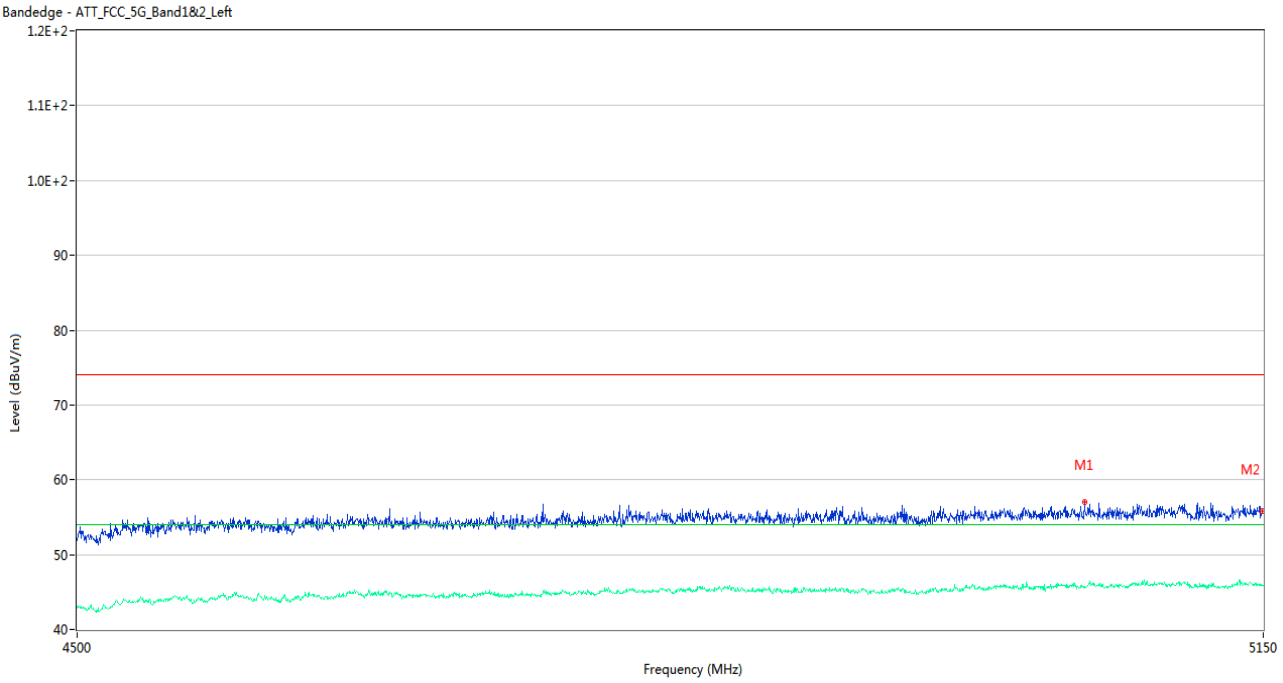
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5103.850	57.72	2.51	74.0	16.28	Peak	360.00	200	Vertical	Pass
1**	5103.850	46.36	2.51	54.0	7.64	AV	360.00	200	Vertical	Pass
2	5149.675	55.90	2.07	74.0	18.10	Peak	288.00	100	Vertical	Pass
2**	5149.675	45.82	2.07	54.0	8.18	AV	288.00	100	Vertical	Pass

U-NII-2A 11a High Channel



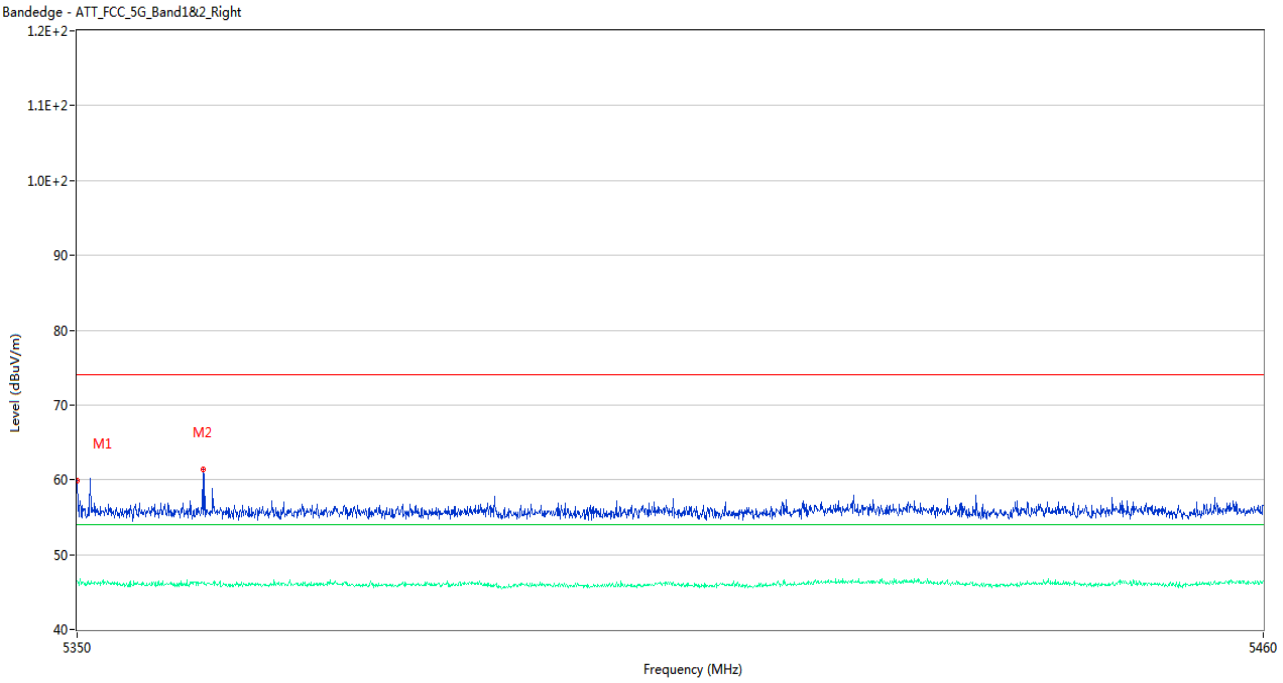
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.19	1.93	74.0	17.81	Peak	311.00	200	Vertical	Pass
1**	5350.000	46.31	1.93	54.0	7.69	AV	311.00	200	Vertical	Pass
2	5353.465	62.90	2.14	74.0	11.10	Peak	330.00	150	Vertical	Pass
2**	5353.465	46.09	2.14	54.0	7.91	AV	330.00	150	Vertical	Pass

U-NII-2A 11n20 Low Channel



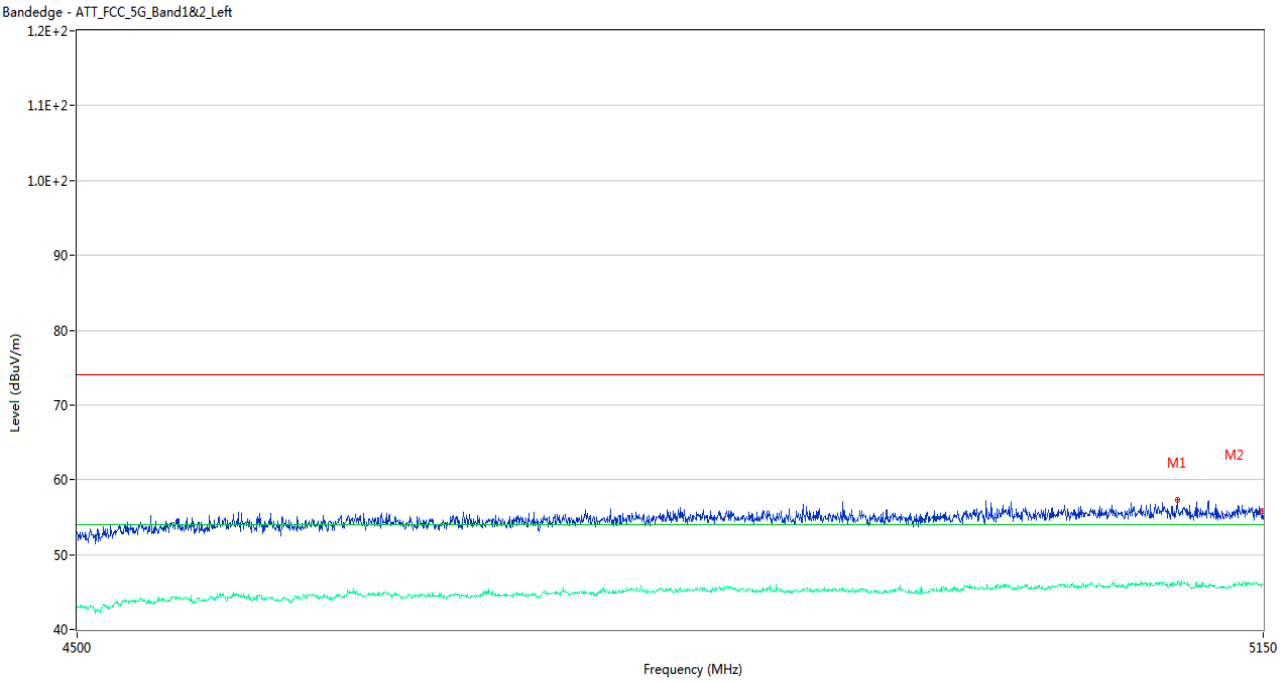
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5046.325	57.05	1.96	74.0	16.95	Peak	182.00	200	Vertical	Pass
1**	5046.325	45.73	1.96	54.0	8.27	AV	182.00	200	Vertical	Pass
2	5149.675	55.80	2.07	74.0	18.20	Peak	270.00	100	Vertical	Pass
2**	5149.675	45.88	2.07	54.0	8.12	AV	270.00	100	Vertical	Pass

U-NII-2A 11n20 High Channel



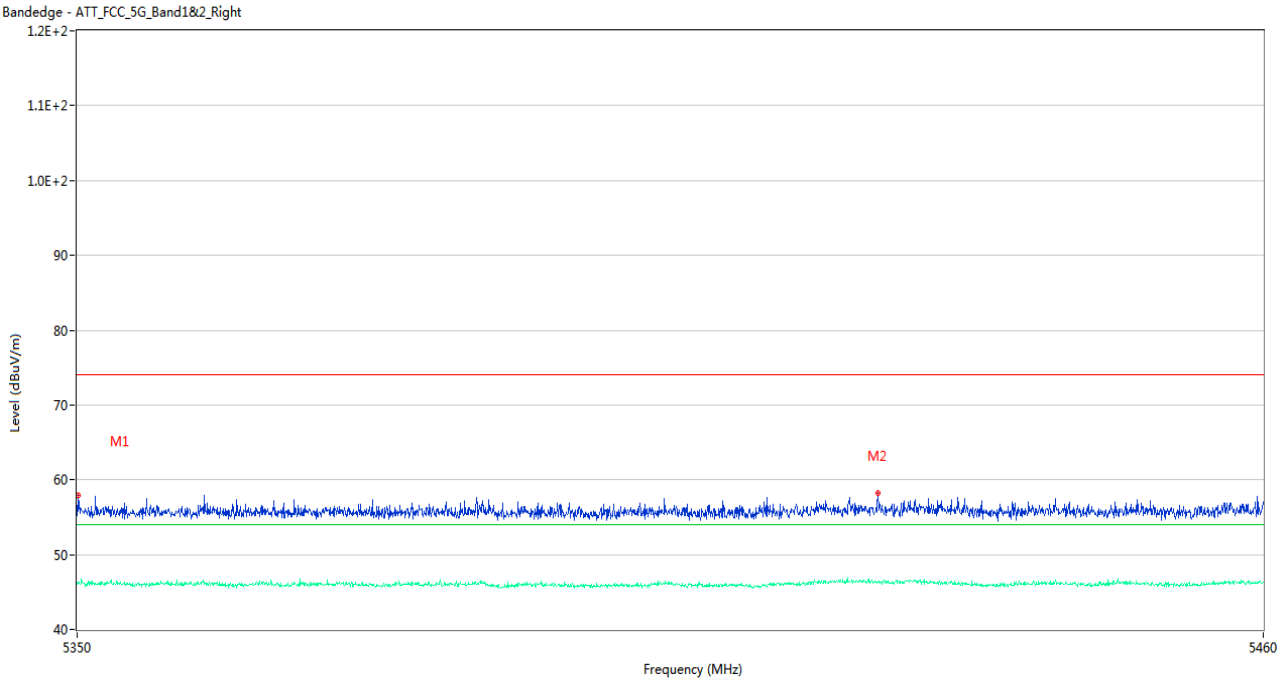
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.83	1.93	74.0	14.17	Peak	201.00	150	Vertical	Pass
1**	5350.000	46.45	1.93	54.0	7.55	AV	201.00	150	Vertical	Pass
2	5361.550	61.34	2.37	74.0	12.66	Peak	0.00	100	Vertical	Pass
2**	5361.550	46.22	2.37	54.0	7.78	AV	0.00	100	Vertical	Pass

U-NII-2A 11ac20 Low Channel



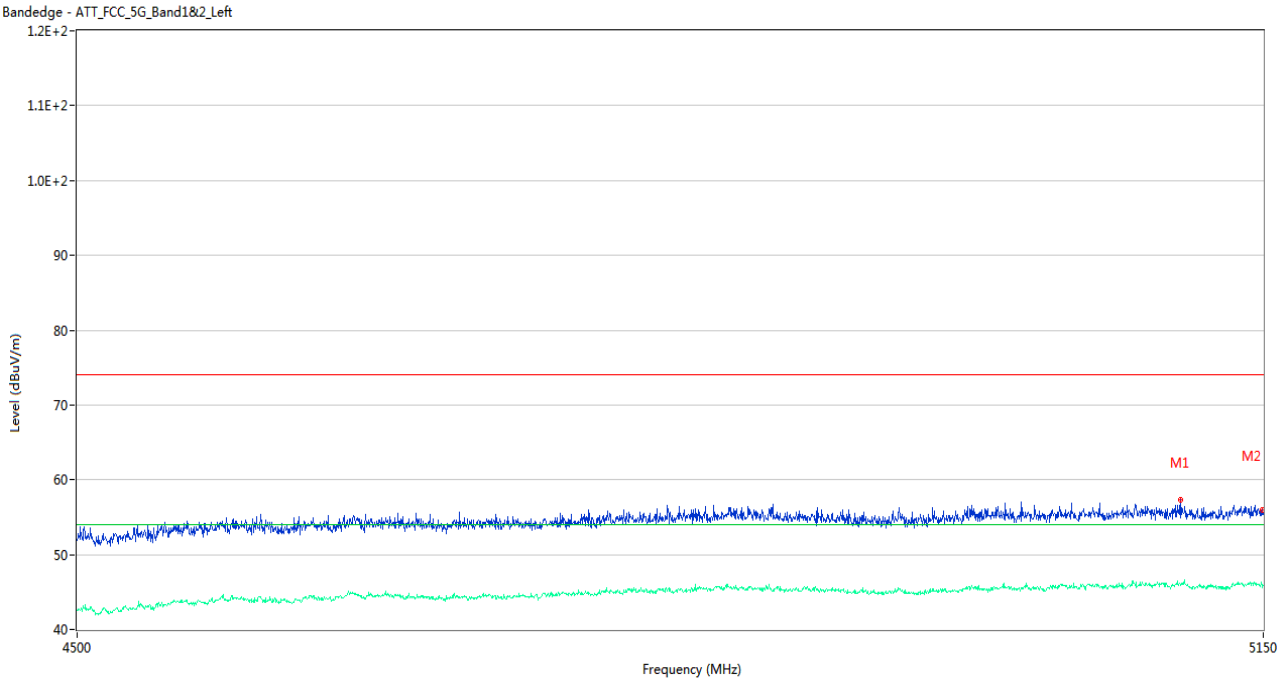
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5099.950	57.32	2.36	74.0	16.68	Peak	9.00	100	Vertical	Pass
1**	5099.950	46.01	2.36	54.0	7.99	AV	9.00	100	Vertical	Pass
2	5149.675	55.81	2.07	74.0	18.19	Peak	284.00	100	Vertical	Pass
2**	5149.675	45.84	2.07	54.0	8.16	AV	284.00	100	Vertical	Pass

U-NII-2A 11ac20 High Channel



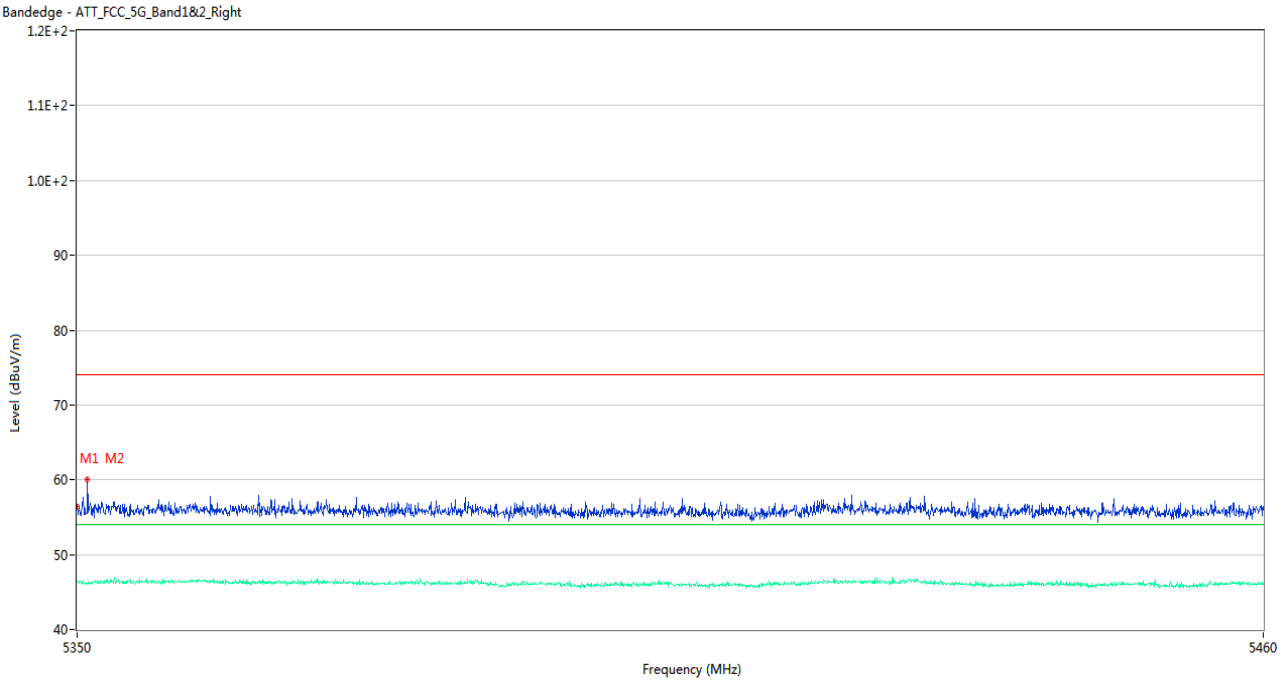
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	57.87	1.93	74.0	16.13	Peak	347.00	150	Vertical	Pass
1**	5350.055	46.33	1.93	54.0	7.67	AV	347.00	150	Vertical	Pass
2	5424.030	58.17	2.40	74.0	15.83	Peak	111.00	150	Vertical	Pass
2**	5424.030	46.26	2.40	54.0	7.74	AV	111.00	150	Vertical	Pass

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



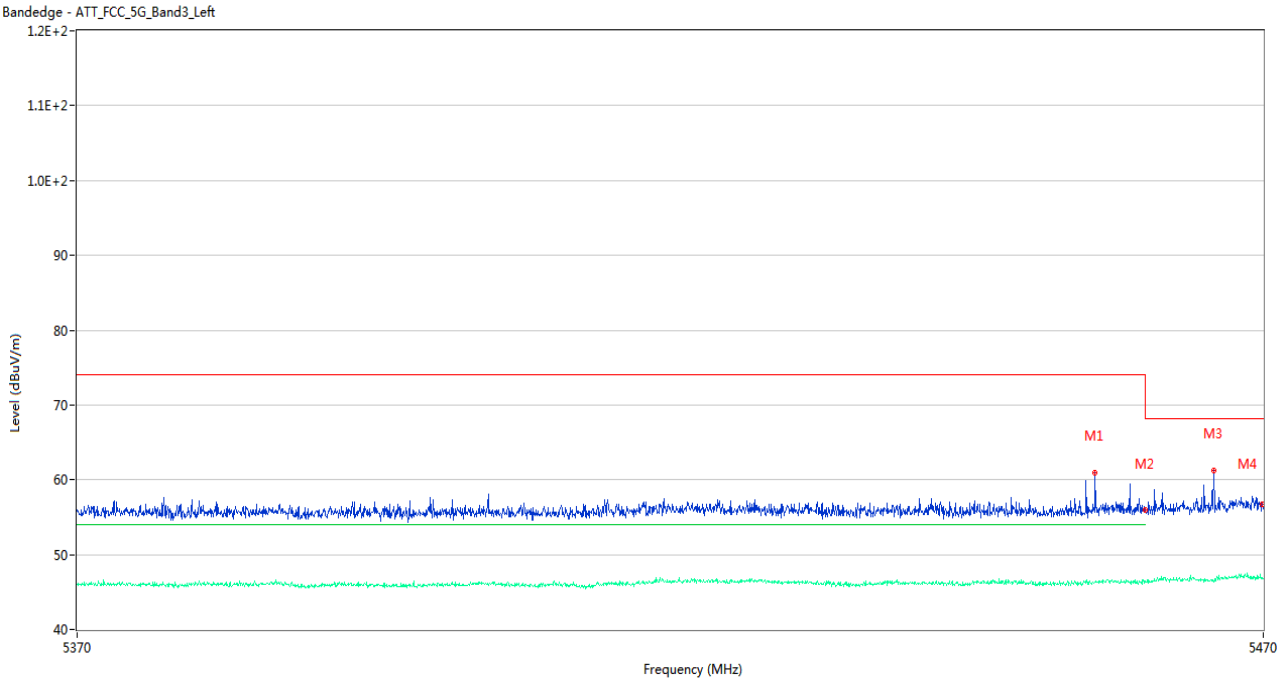
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5101.900	57.30	2.35	74.0	16.70	Peak	122.00	200	Vertical	Pass
1**	5101.900	45.84	2.35	54.0	8.16	AV	122.00	200	Vertical	Pass
2	5149.675	56.01	2.07	74.0	17.99	Peak	251.00	200	Vertical	Pass
2**	5149.675	46.05	2.07	54.0	7.95	AV	251.00	200	Vertical	Pass

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



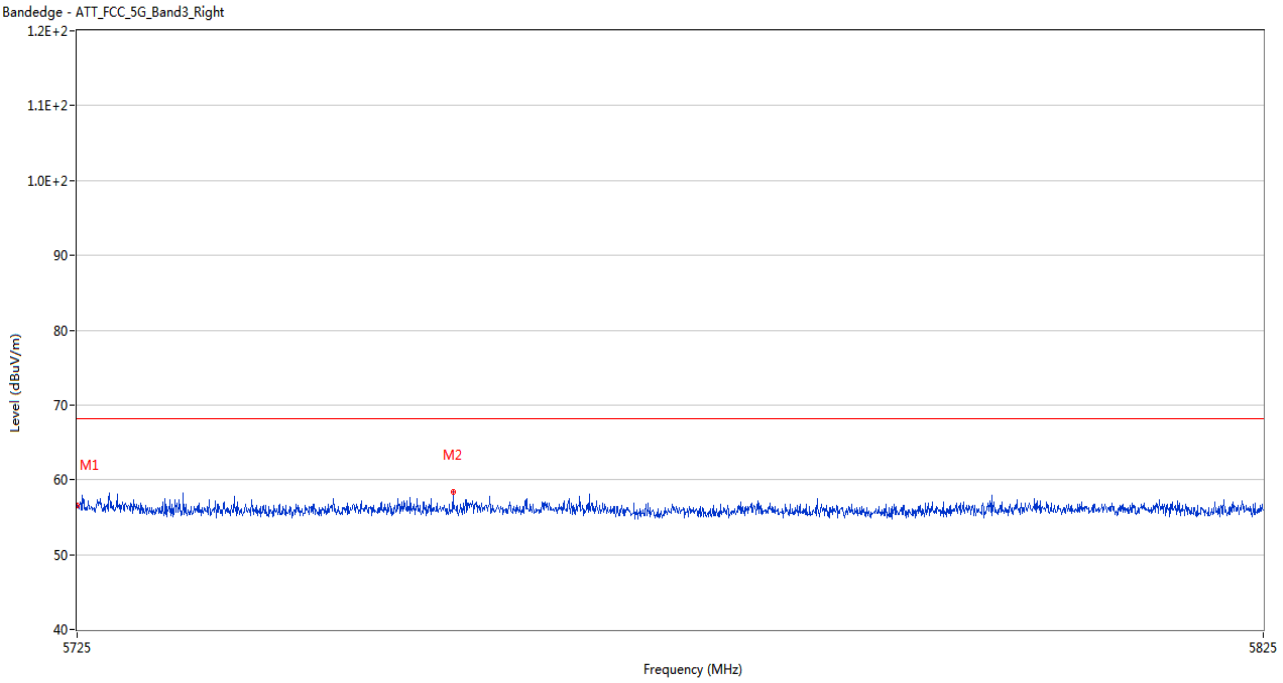
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.36	1.93	74.0	17.64	Peak	64.00	200	Vertical	Pass
1**	5350.000	46.30	1.93	54.0	7.70	AV	64.00	200	Vertical	Pass
2	5350.935	60.05	1.89	74.0	13.95	Peak	264.00	200	Vertical	Pass
2**	5350.935	46.23	1.89	54.0	7.77	AV	264.00	200	Vertical	Pass

U-NII-2C 11a Low Channel



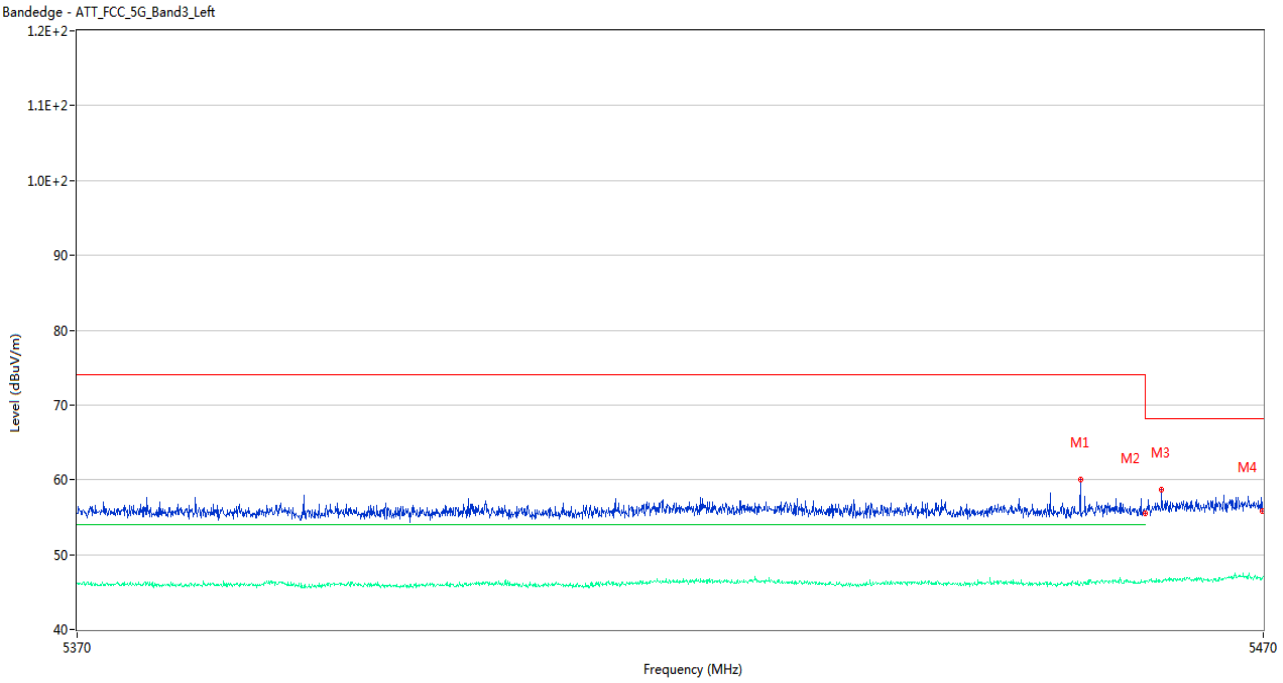
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5455.700	60.88	2.36	74.0	13.12	Peak	55.00	100	Vertical	Pass
1**	5455.700	46.38	2.36	54.0	7.62	AV	55.00	100	Vertical	Pass
2	5460.000	55.95	2.50	74.0	18.05	Peak	296.00	150	Vertical	Pass
2**	5460.000	46.40	2.50	54.0	7.60	AV	296.00	150	Vertical	Pass
3	5465.800	61.28	2.71	68.2	6.92	Peak	343.00	200	Vertical	Pass
3**	5465.800	46.33	2.71	--	--	AV	343.00	200	Vertical	N/A
4	5469.950	56.73	2.87	68.2	11.47	Peak	3.00	200	Vertical	Pass
4**	5469.950	46.89	2.87	--	--	AV	3.00	200	Vertical	N/A

U-NII-2C 11a High Channel



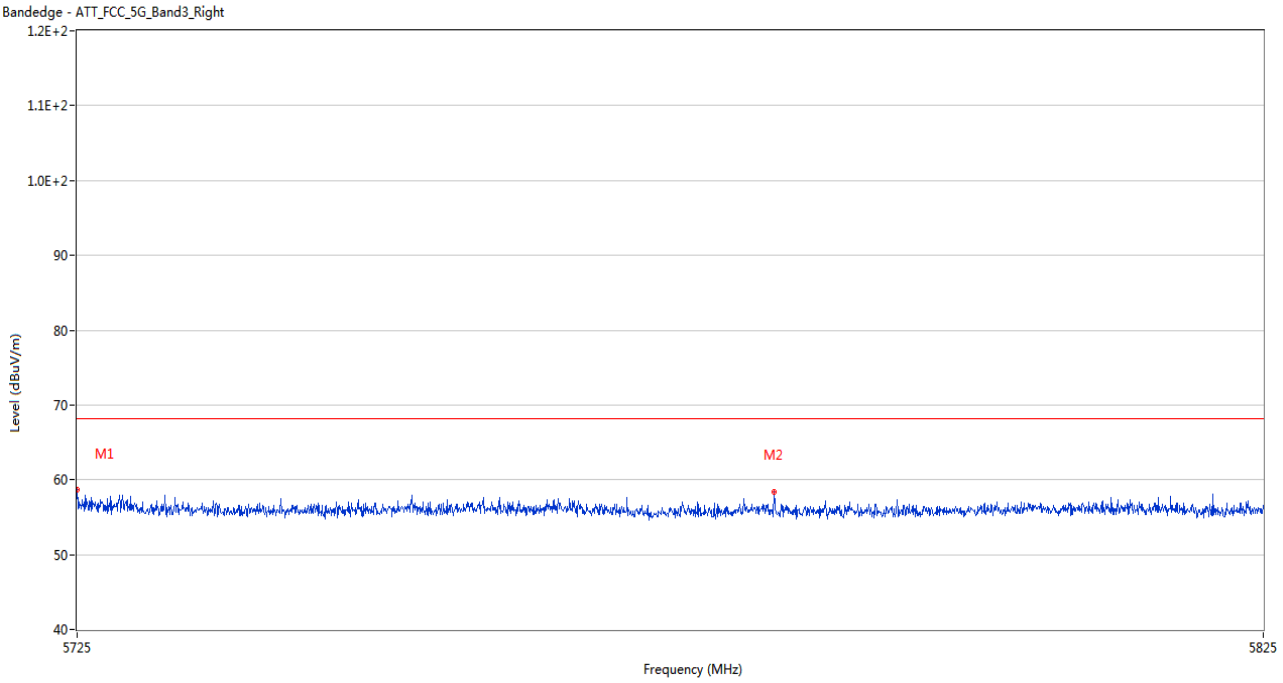
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.60	2.55	68.2	11.60	Peak	200.00	150	Vertical	Pass
2	5756.500	58.34	2.44	68.2	9.86	Peak	213.00	100	Vertical	Pass

U-NII-2C 11n20 Low Channel



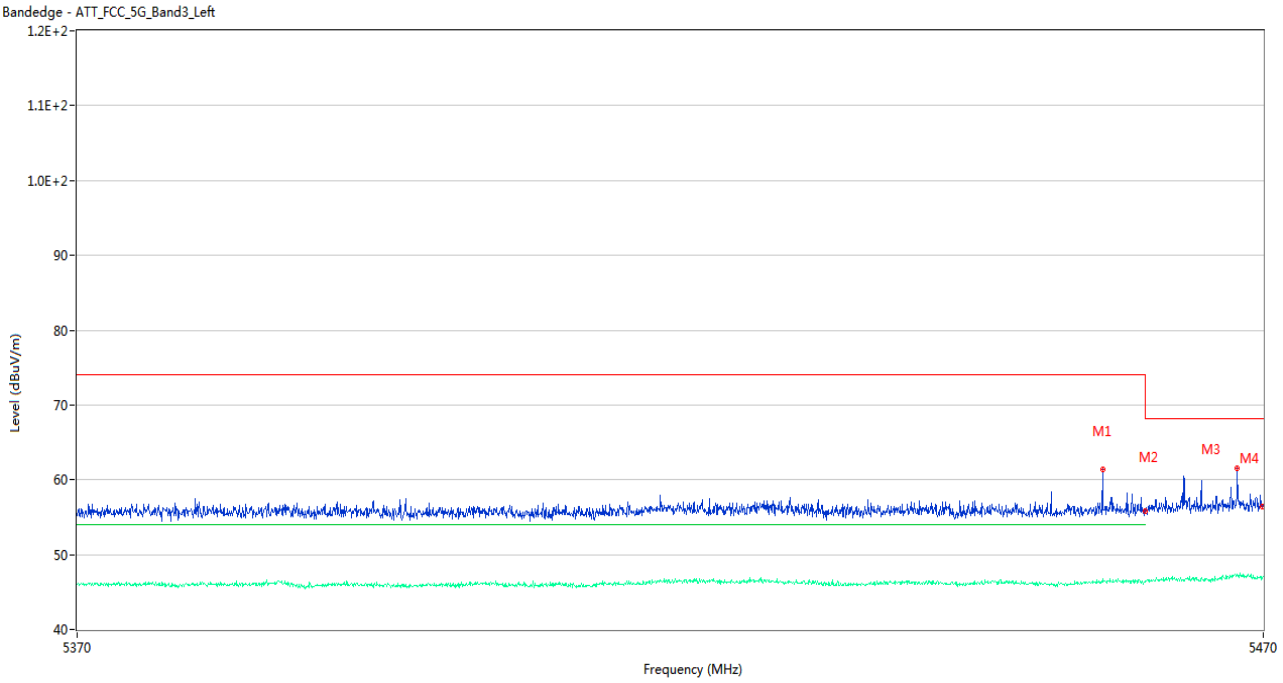
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5454.450	60.07	2.24	74.0	13.93	Peak	78.00	150	Vertical	Pass
1**	5454.450	46.38	2.24	54.0	7.62	AV	78.00	150	Vertical	Pass
2	5460.000	55.49	2.50	74.0	18.51	Peak	88.00	150	Vertical	Pass
2**	5460.000	46.25	2.50	54.0	7.75	AV	88.00	150	Vertical	Pass
3	5461.350	58.67	2.68	68.2	9.53	Peak	65.00	150	Vertical	Pass
3**	5461.350	46.34	2.68	--	--	AV	65.00	150	Vertical	N/A
4	5469.950	55.88	2.87	68.2	12.32	Peak	28.00	150	Vertical	Pass
4**	5469.950	46.79	2.87	--	--	AV	28.00	150	Vertical	N/A

U-NII-2C 11n20 High Channel



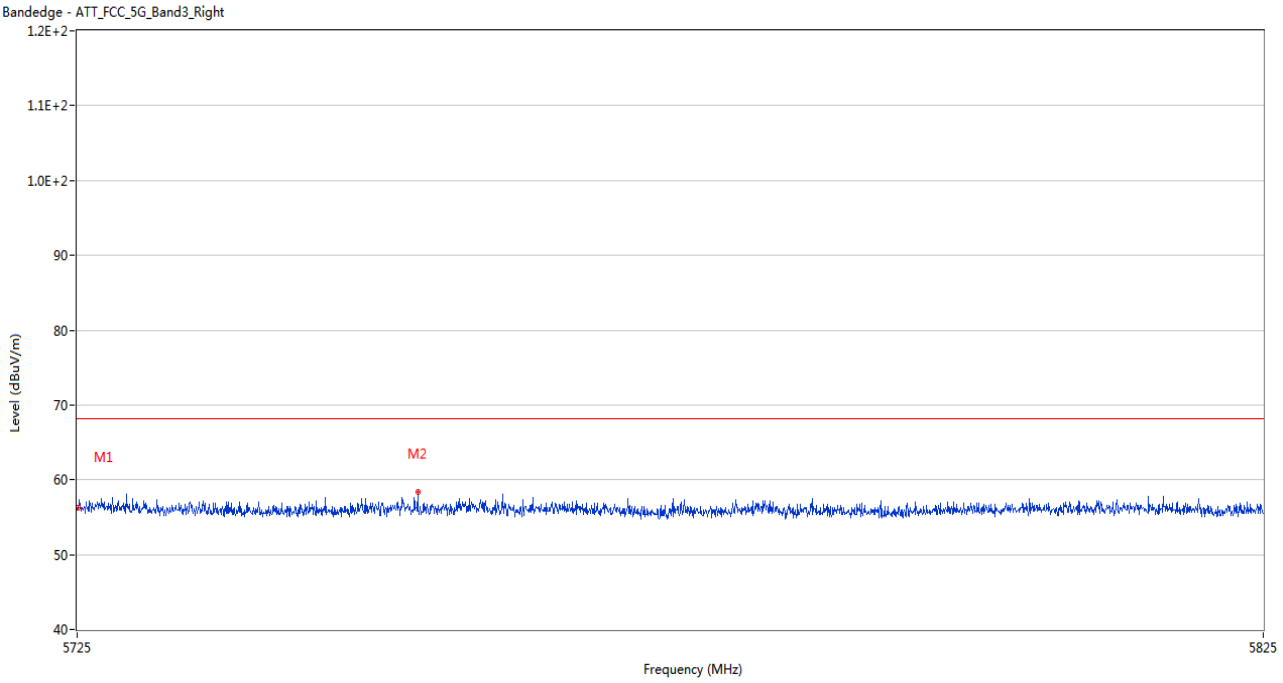
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.73	2.55	68.2	9.47	Peak	179.00	100	Vertical	Pass
2	5783.550	58.32	2.41	68.2	9.88	Peak	268.00	100	Vertical	Pass

U-NII-2C 11ac20 Low Channel



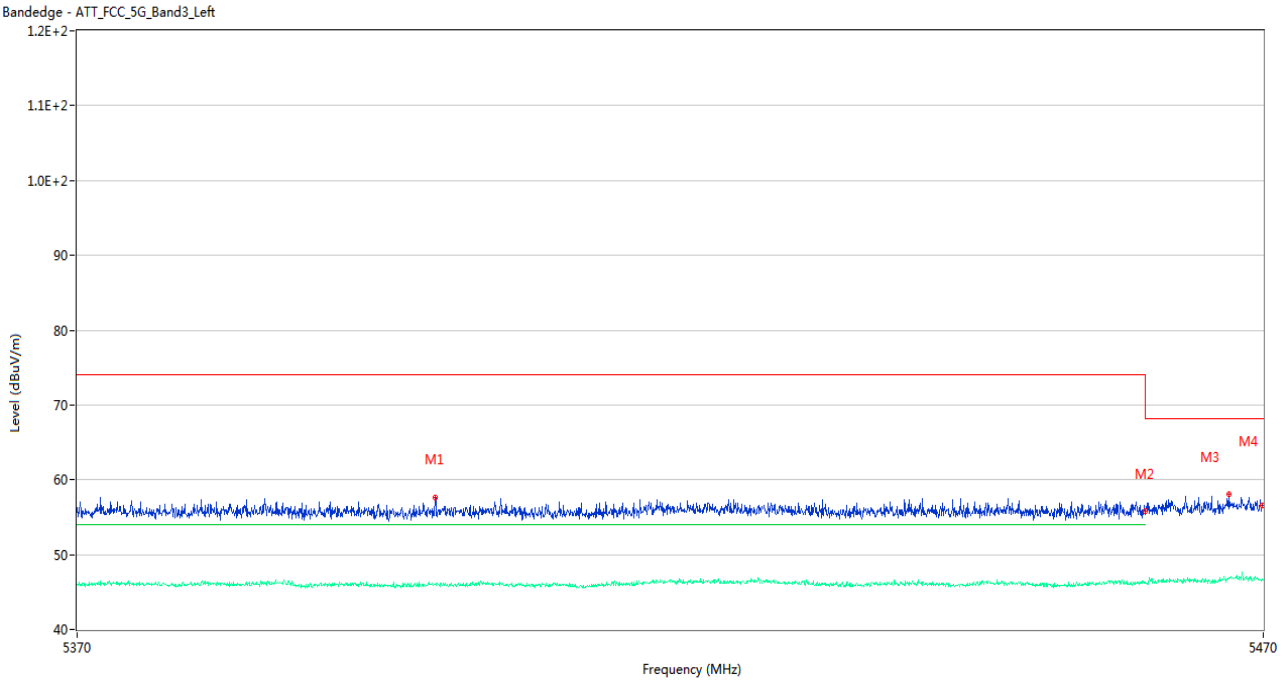
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5456.350	61.45	2.44	74.0	12.55	Peak	97.00	100	Vertical	Pass
1**	5456.350	46.39	2.44	54.0	7.61	AV	97.00	100	Vertical	Pass
2	5460.000	55.83	2.50	74.0	18.17	Peak	86.00	100	Vertical	Pass
2**	5460.000	46.49	2.50	54.0	7.51	AV	86.00	100	Vertical	Pass
3	5467.800	61.61	3.15	68.2	6.59	Peak	354.00	150	Vertical	Pass
3**	5467.800	47.34	3.15	--	--	AV	354.00	150	Vertical	N/A
4	5469.950	56.50	2.87	68.2	11.70	Peak	36.00	200	Vertical	Pass
4**	5469.950	46.76	2.87	--	--	AV	36.00	200	Vertical	N/A

U-NII-2C 11ac20 High Channel



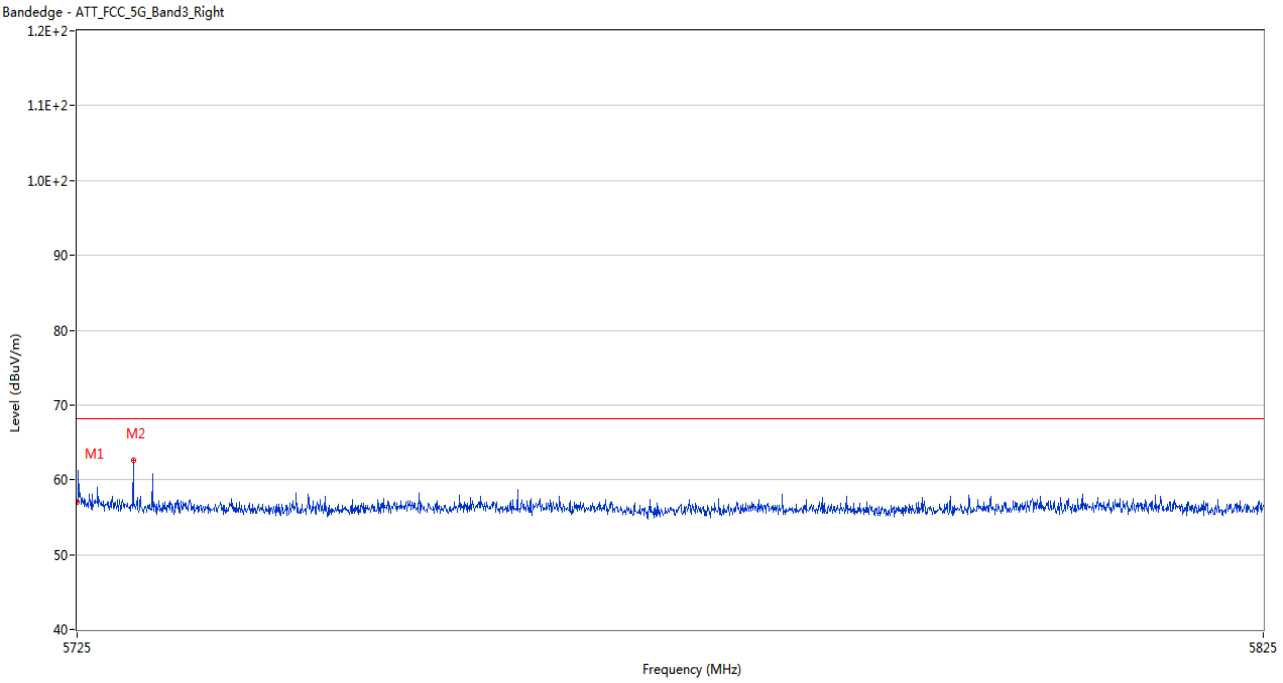
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	56.26	2.55	68.2	11.94	Peak	4.00	200	Vertical	Pass
2	5753.550	58.44	2.44	68.2	9.76	Peak	160.00	200	Vertical	Pass

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



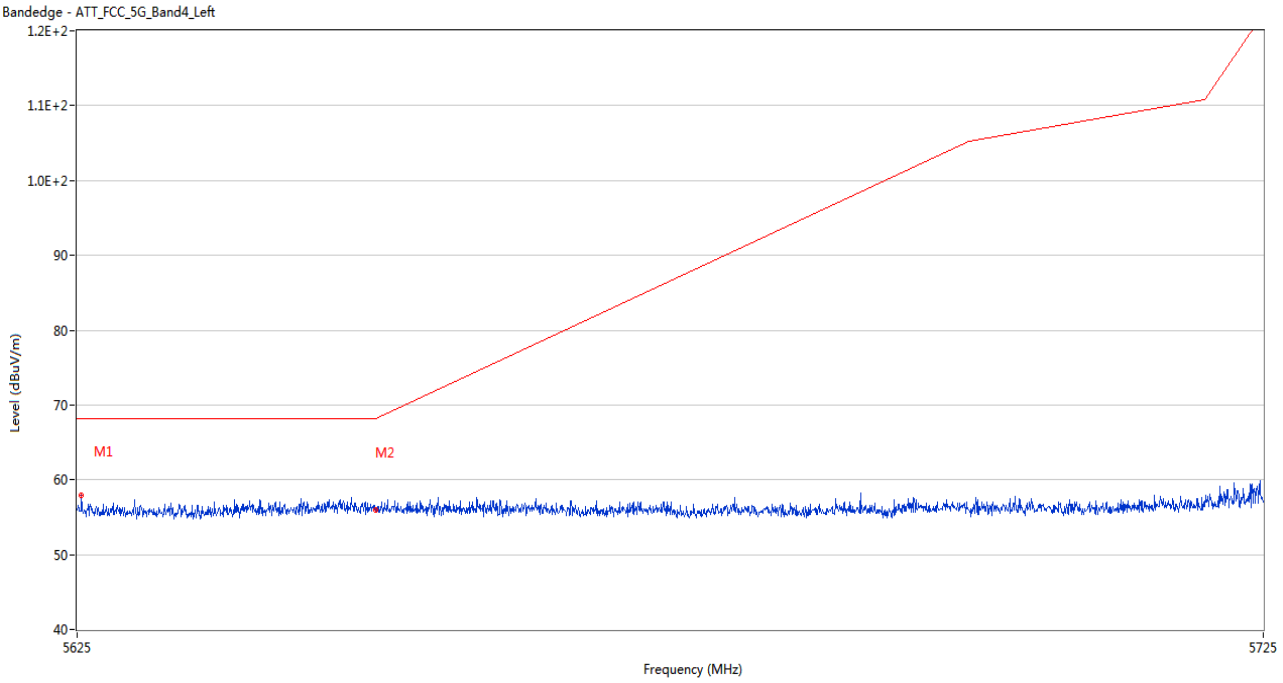
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5400.000	57.70	2.00	74.0	16.30	Peak	169.00	200	Vertical	Pass
1**	5400.000	45.99	2.00	54.0	8.01	AV	169.00	200	Vertical	Pass
2	5460.000	55.81	2.50	74.0	18.19	Peak	360.00	150	Vertical	Pass
2**	5460.000	46.19	2.50	54.0	7.81	AV	360.00	150	Vertical	Pass
3	5467.050	58.02	3.00	68.2	10.18	Peak	309.00	200	Vertical	Pass
3**	5467.050	46.75	3.00	--	-46.75	AV	309.00	200	Vertical	N/A
4	5469.950	56.50	2.87	68.2	11.70	Peak	195.00	150	Vertical	Pass
4**	5469.950	46.70	2.87	--	-46.70	AV	195.00	150	Vertical	N/A

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



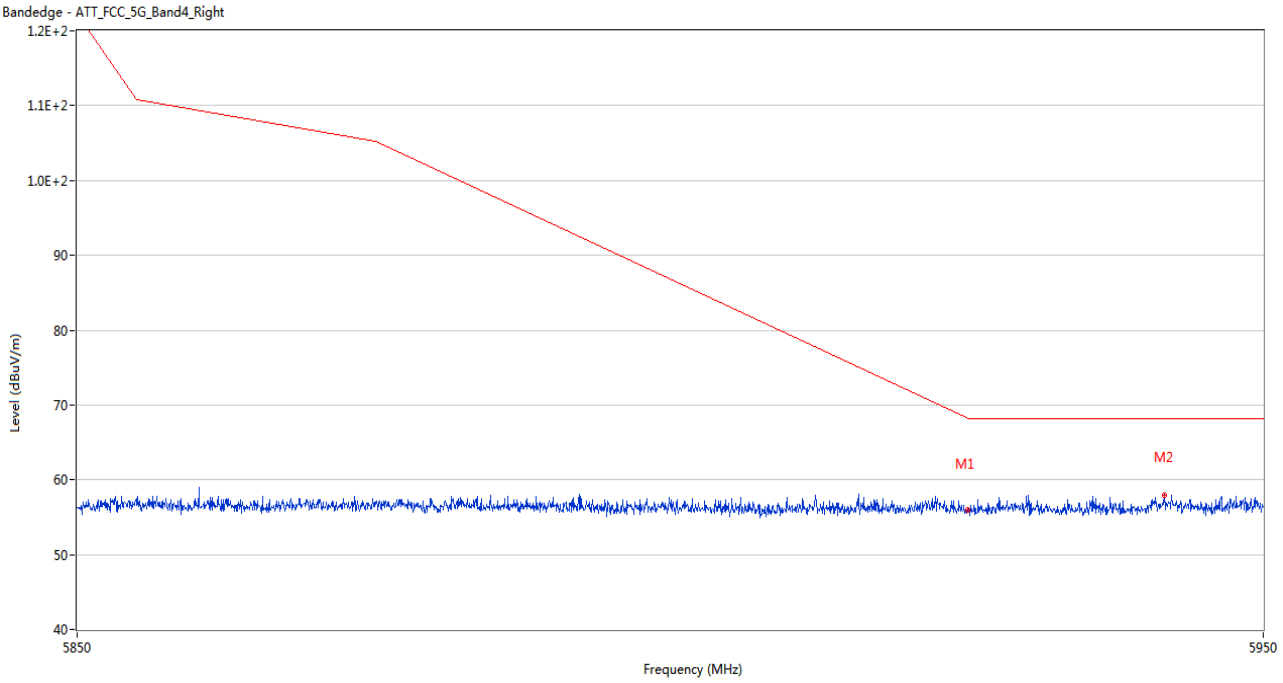
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.07	2.55	68.2	11.13	Peak	360.00	200	Vertical	Pass
2	5729.700	62.61	2.51	68.2	5.59	Peak	142.00	100	Vertical	Pass

U-NII-3 11a Low Channel



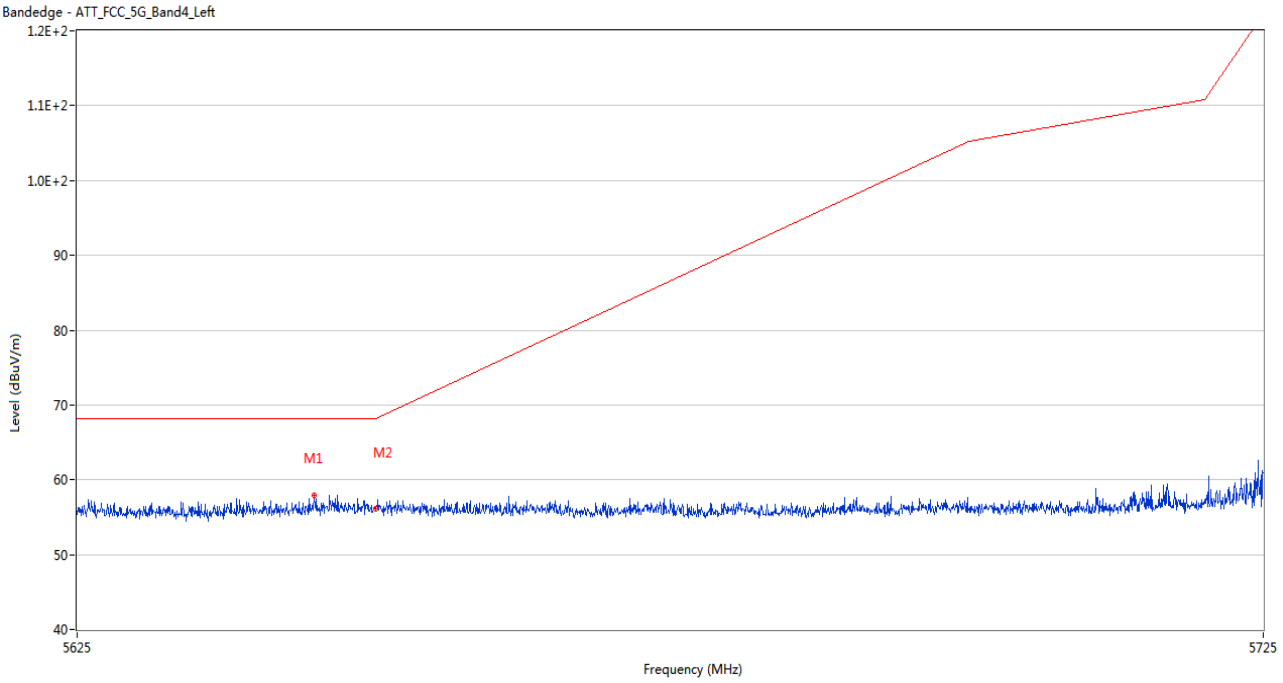
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5625.350	57.90	2.40	68.2	10.30	Peak	243.00	200	Vertical	Pass
2	5650.000	55.93	2.54	68.2	12.27	Peak	279.00	100	Vertical	Pass

U-NII-3 11a High Channel



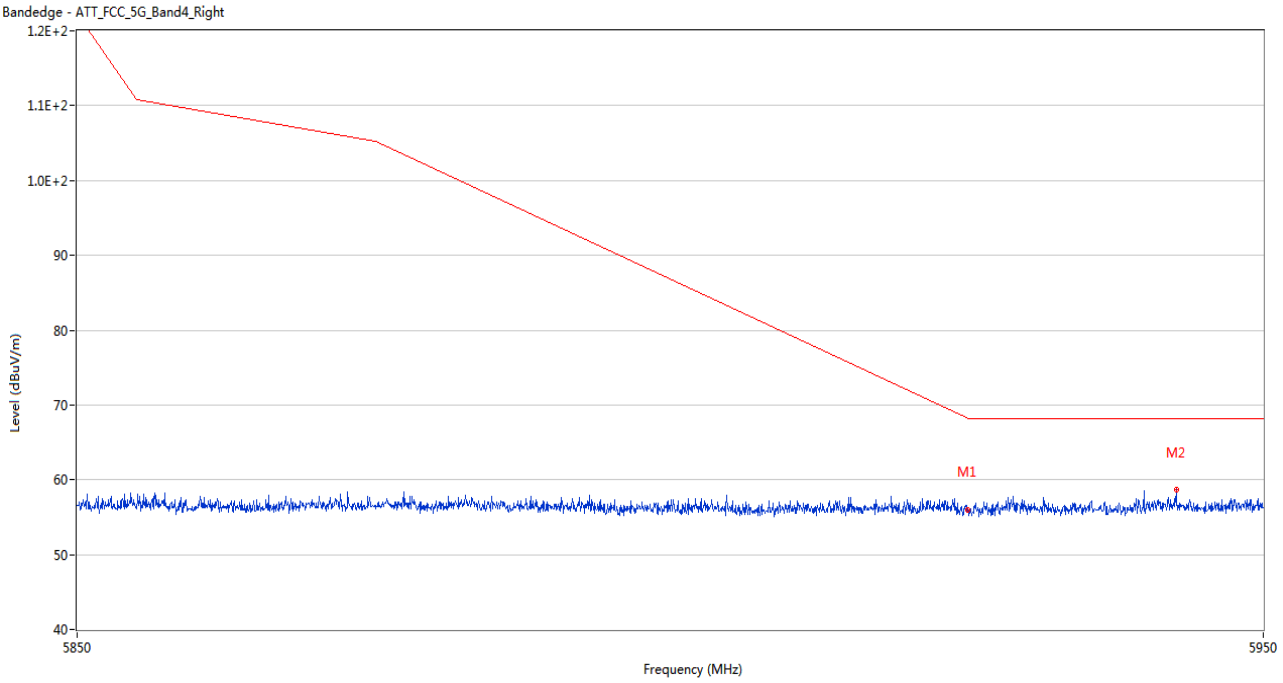
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.99	2.32	68.2	12.21	Peak	0.00	100	Vertical	Pass
2	5941.600	57.98	2.90	68.2	10.22	Peak	318.00	200	Vertical	Pass

U-NII-3 11n20 Low Channel



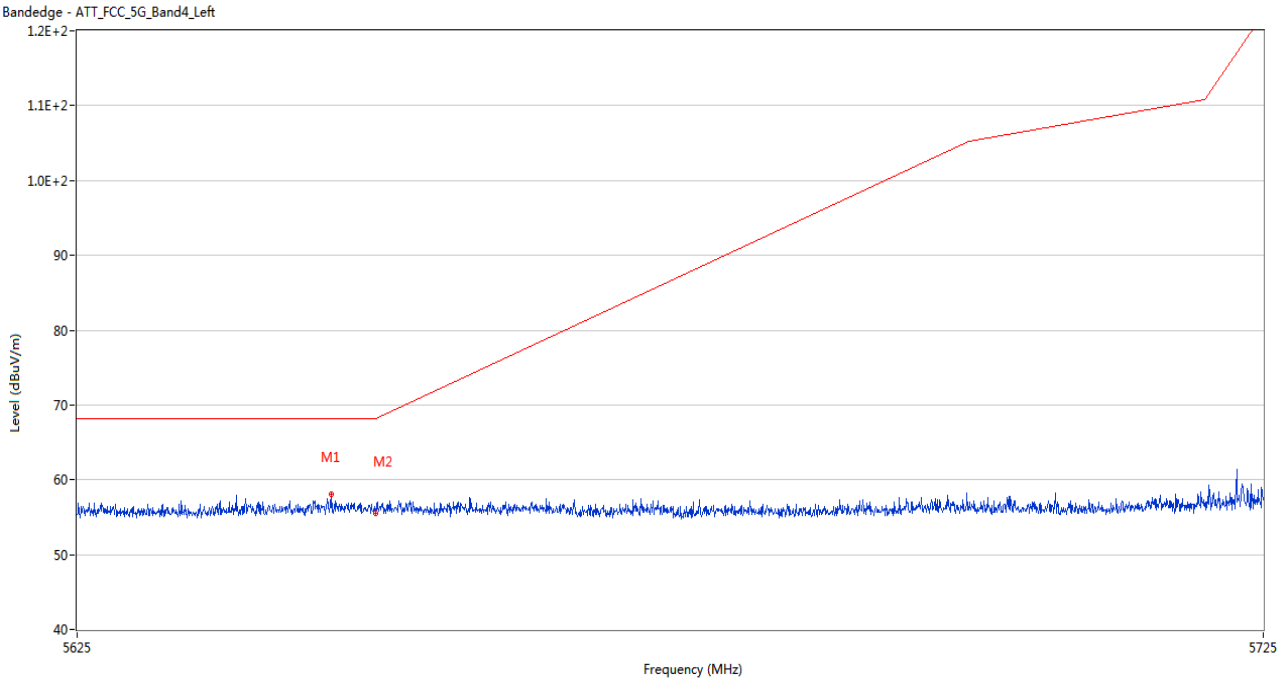
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.850	57.98	2.50	68.2	10.22	Peak	288.00	150	Vertical	Pass
2	5650.000	56.12	2.54	68.2	12.08	Peak	251.00	200	Vertical	Pass

U-NII-3 11n20 High Channel



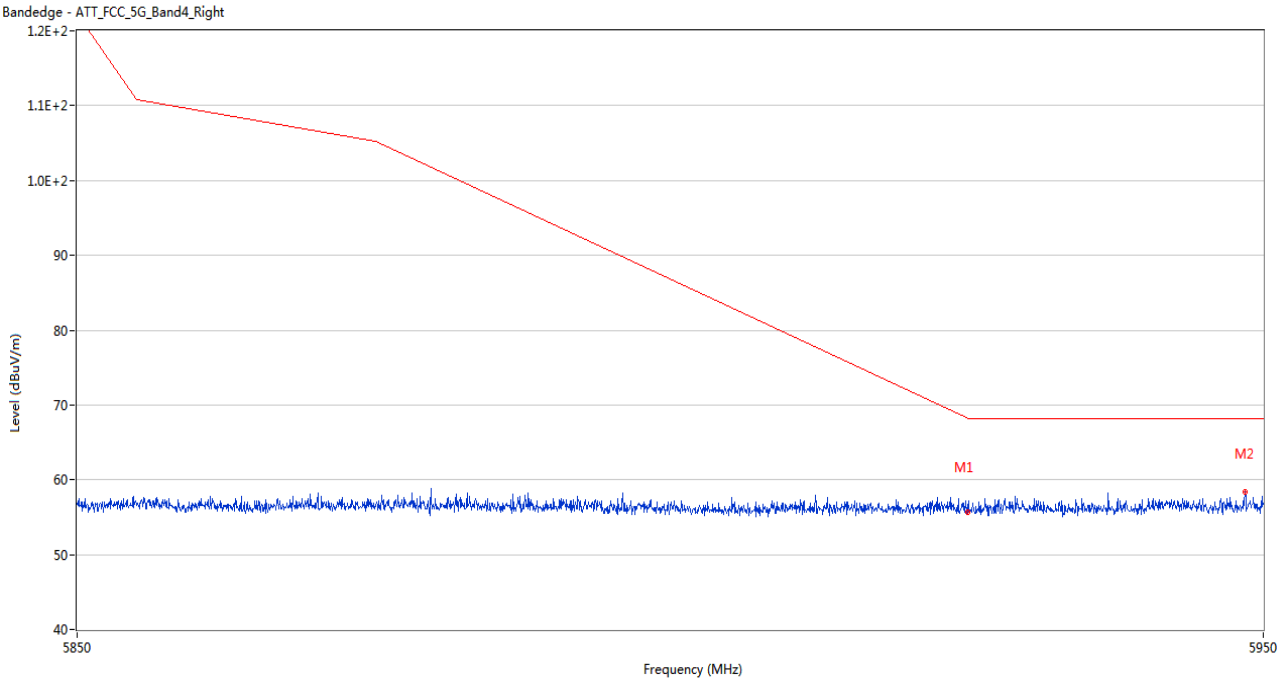
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.02	2.32	68.2	12.18	Peak	284.00	200	Vertical	Pass
2	5942.600	58.61	2.69	68.2	9.59	Peak	63.00	150	Vertical	Pass

U-NII-3 11ac20 Low Channel



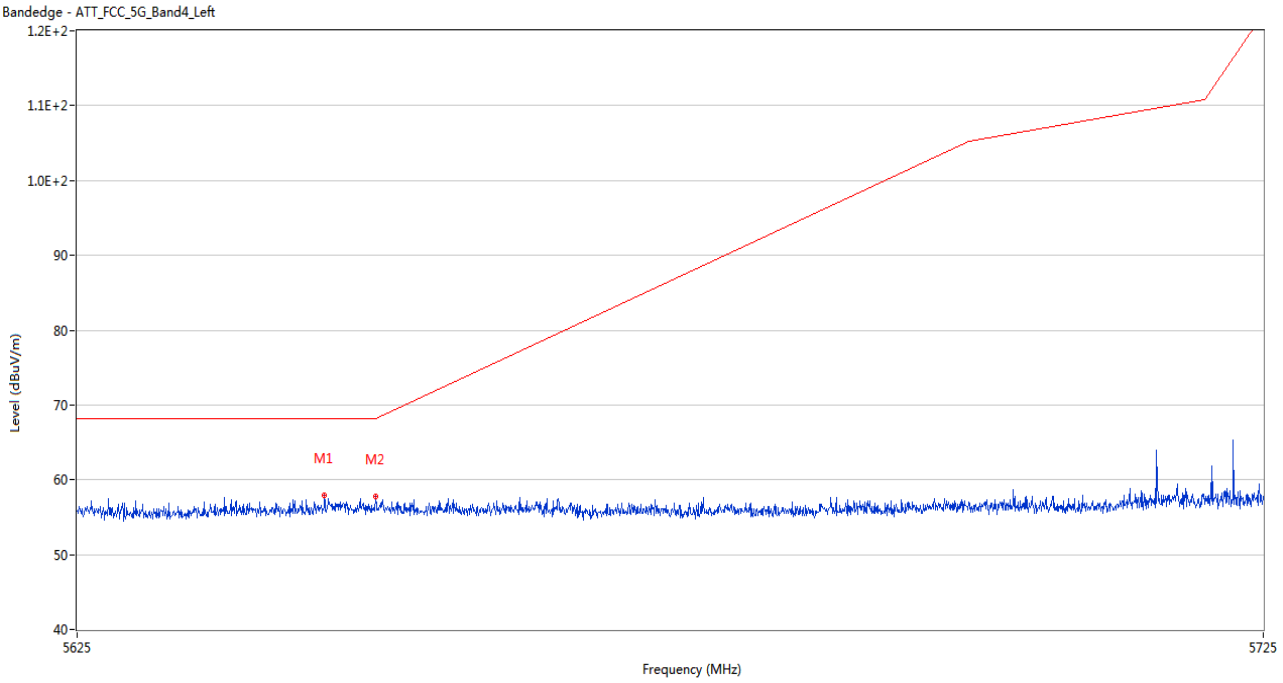
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.250	58.00	2.72	68.2	10.20	Peak	222.00	200	Vertical	Pass
2	5650.000	55.48	2.54	68.2	12.72	Peak	294.00	100	Vertical	Pass

U-NII-3 11ac20 High Channel



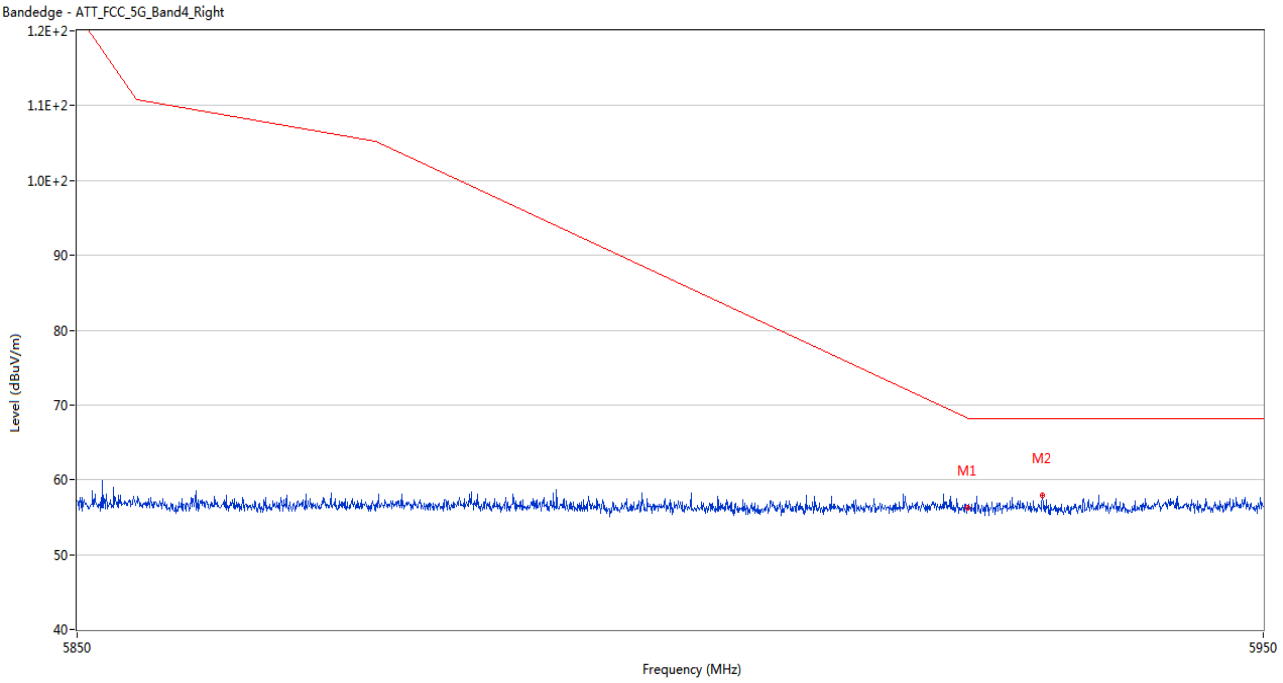
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.66	2.32	68.2	12.54	Peak	284.00	150	Vertical	Pass
2	5948.450	58.43	2.67	68.2	9.77	Peak	242.00	150	Vertical	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.700	57.90	2.64	68.2	10.30	Peak	267.00	100	Vertical	Pass
2	5650.000	57.72	2.54	68.2	10.48	Peak	324.00	150	Vertical	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.23	2.32	68.2	11.97	Peak	4.00	150	Vertical	Pass
2	5931.250	57.92	2.49	68.2	10.28	Peak	30.00	100	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2471080-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2471080-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2471080-AI.PDF”.

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--END OF REPORT--