TEST REPORT

Applicant:	Xiaomi Communications Co., Ltd.
Address:	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085
Equipment Type:	Mobile Phone
Model Name:	24117RN76L
Brand Name:	Redmi
FCC ID:	2AFZZRN76L
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	Aug. 19, 2024
Test Date:	Aug. 31, 2024 - Oct. 12, 2024
Date of Issue:	Oct. 17, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Yu Yingyuan **Checked by:** Ye Hongji **Approved by:** Sunny Zou (Technical Director)

Revision History

Version	Issue Date	Revisions
Rev. 01	Oct. 17, 2024	Initial Issue

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.2 Manufacturer Information

Manufacturer	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	24117RN76L
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	1351000O7
Software Version	Xiaomi HyperOS 1.0
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A
EUT ID	S01, S07, S08, S29
IMEI Number	S01: IMEI1: 862441070022929 IMEI2: 862441070022978
	S07: IMEI1: 862441070037703 IMEI2: 862441070037711
	S08: IMEI1: 862441070037083 IMEI2: 862441070037091
	S29: IMEI1: 862441070037380 IMEI2: 862441070037398

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/900/1800/1900 3G Network WCDMA/HSDPA/HSUPA/DC-HSDPA/HSPA+ Band 1/2/4/5/8 4G Network FDD LTE Band 1/2/3/4/5/7/8/12/13/17/20/26/28/66 TDD LTE Band 38/40/41 Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) GPS, GLONASS, Galileo, BDS, FM Receiver

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

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 25.29 mW U-NII-2A: 25.06 mW U-NII-2C: 22.49 mW U-NII-3: 20.89 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 0.00 dBi U-NII-2A: 5250 MHz to 5350 MHz: -1.00 dBi U-NII-2C: 5470 MHz to 5725 MHz: 0.00 dBi U-NII-3: 5725 MHz to 5850 MHz: 0.00 dBi
About the Product	The equipment is Mobile Phone, intended for used with information technology equipment.

2.5 Channel List

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

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

Note: Preliminary tests were performed in different data rate in above table to find the worst radiated

emission. The data rate shown in the table below is the worst-case rate with respect to the specific test item. Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

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

3.2 Test Verdict

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	42% to 59%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.2℃ to +24.9℃
Working Voltage of the EUT	NV (Normal Voltage)	3.91 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26
Spectrum Analyzer	KEYSIGHT	N9020A	MY56060183	2024.08.01	2025.07.31
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2024.07.04	2025.07.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2024.08.01	2025.07.31
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2024.05.22	2025.05.21
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	2025.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2024.08.01	2025.07.31
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2024.08.01	2025.07.31
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2026.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2024.07.13	2027.07.12
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2024.08.01	2025.07.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2022.02.19	2025.02.18

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

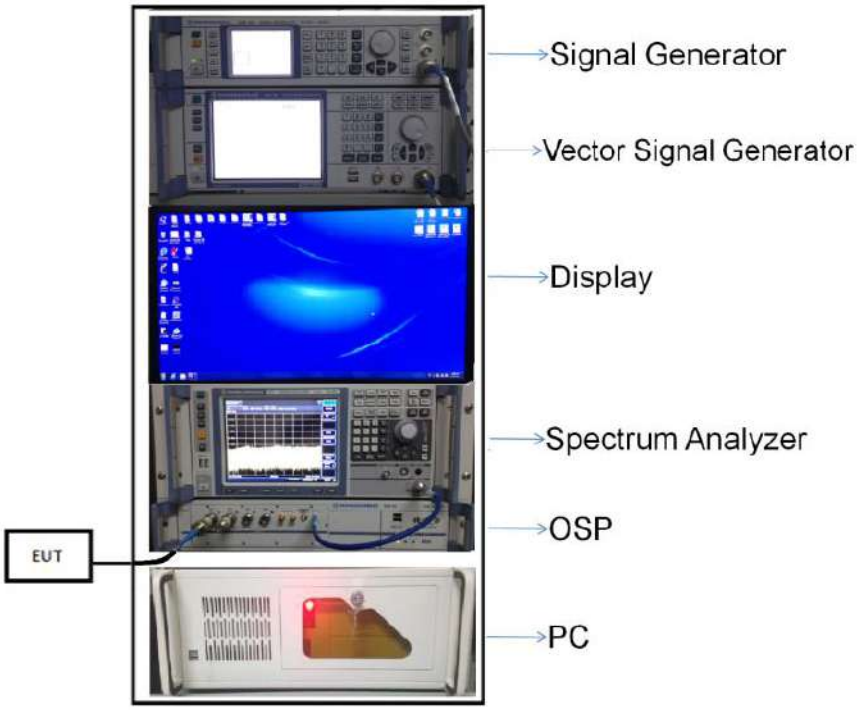
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

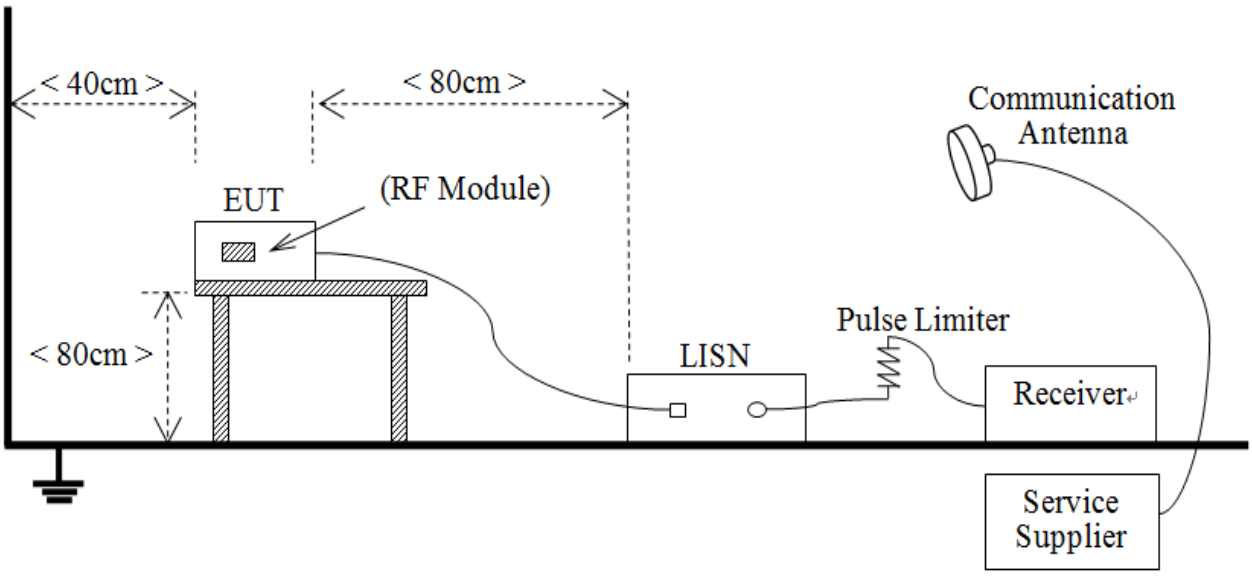
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

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



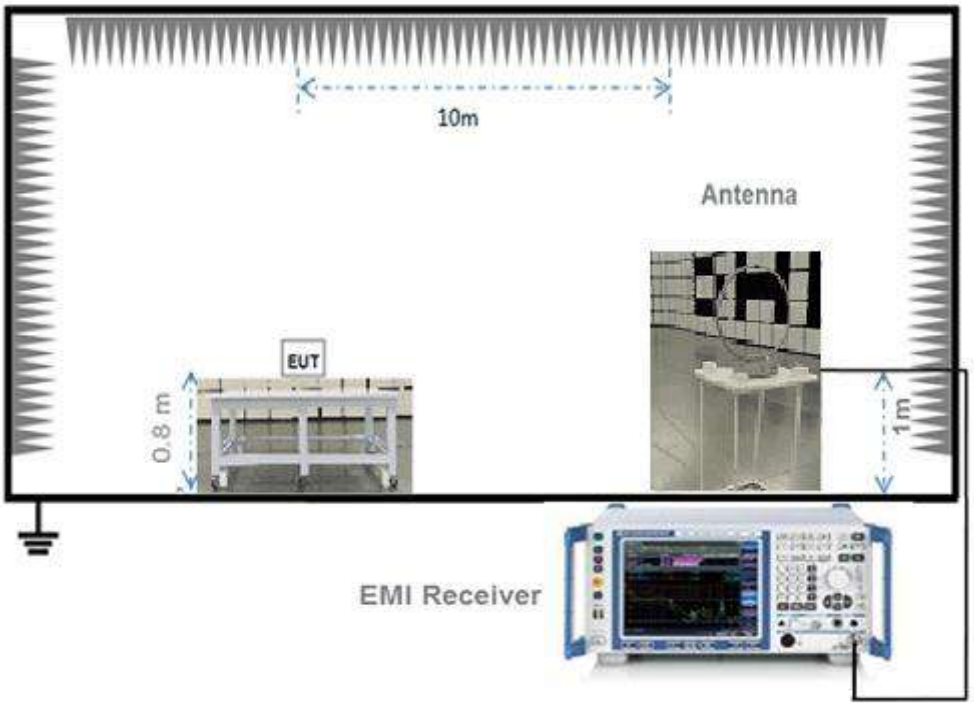
(Diagram 1)

4.5.2 For AC Power Supply Port Test



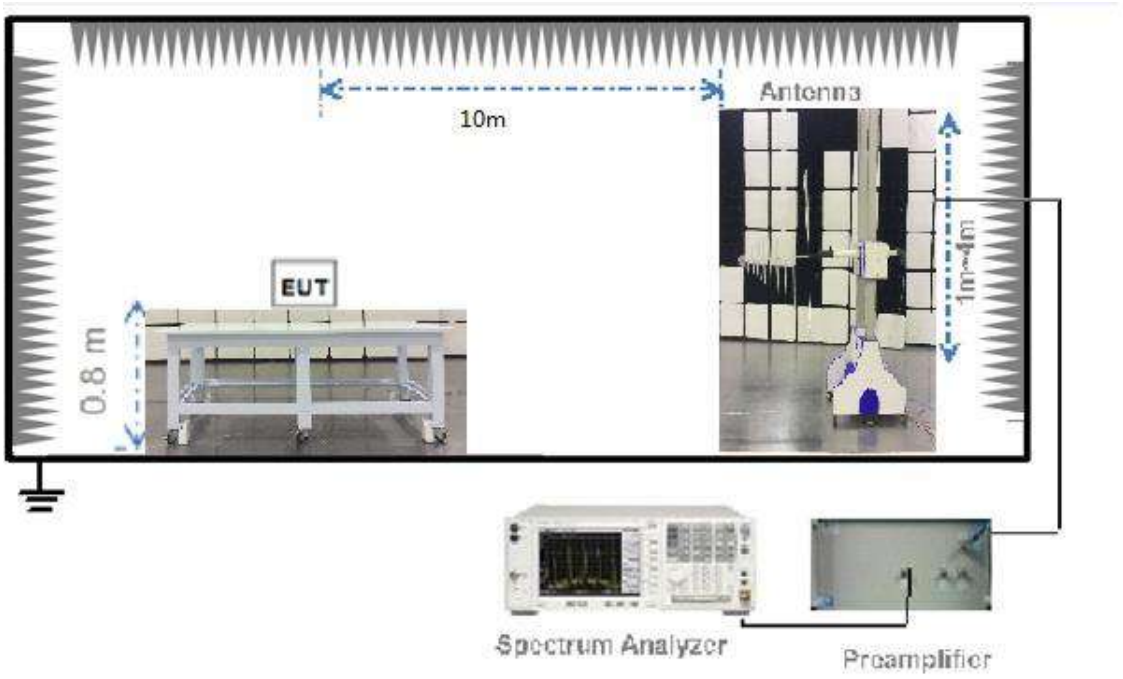
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



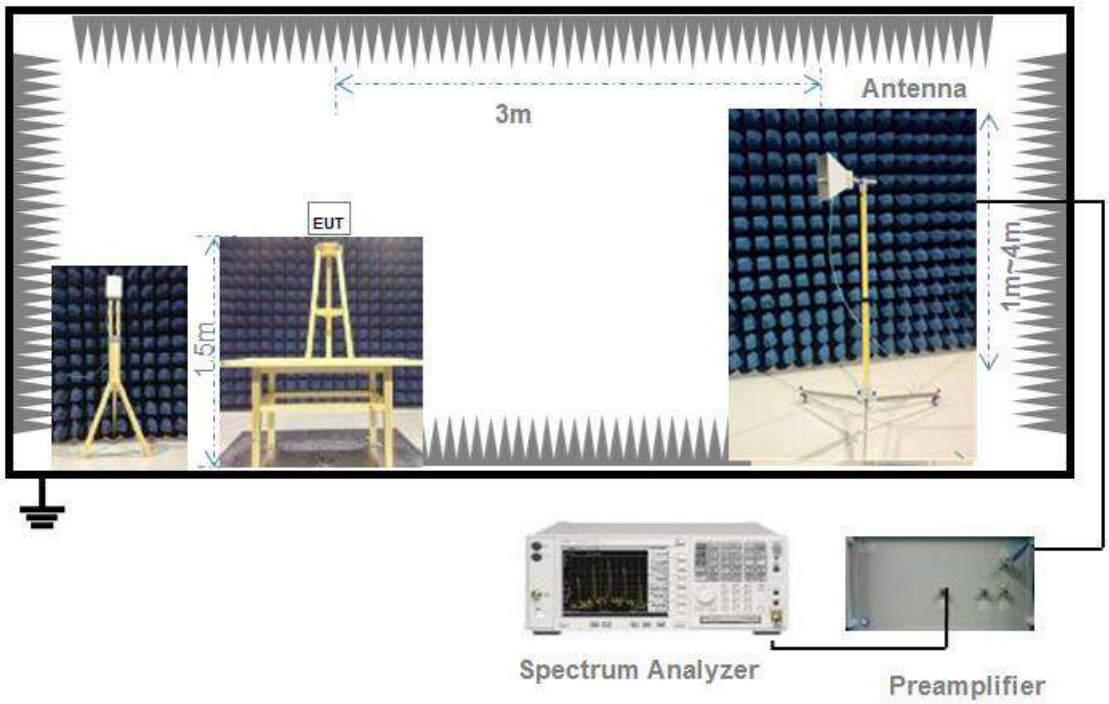
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

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

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

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

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

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

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

2. Set VBW ≥ 3*RBW,

3. Detector = Peak.

4. Trace mode = Max hold.

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

Occupied Bandwidth

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

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

3. Set VBW ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

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

6 dB bandwidth

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

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

3. Allow the trace to stabilize.

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

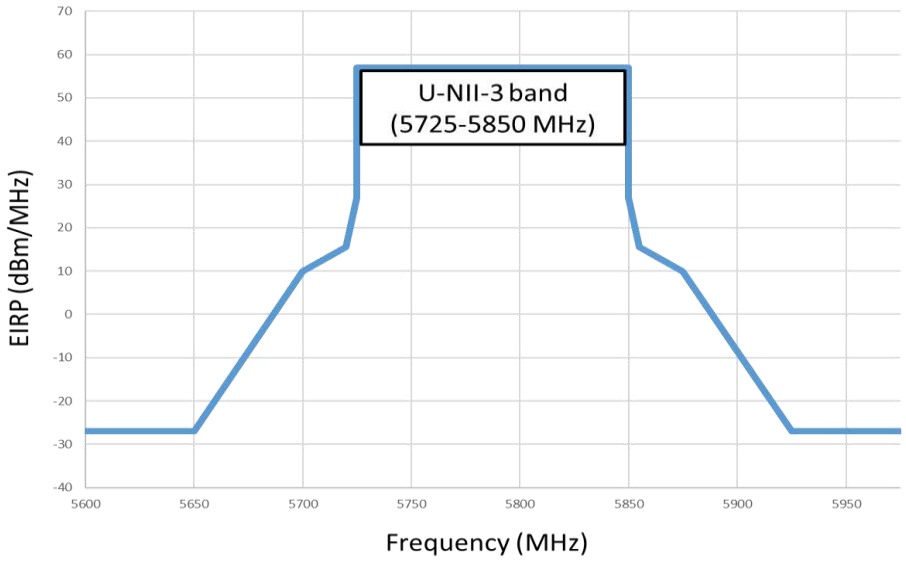
5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

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

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.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
802.11a	1.405	1.431	98.18%
802.11n20	1.325	1.348	98.29%
802.11n40	0.662	0.689	96.08%
802.11ac20	1.325	1.348	98.29%
802.11ac40	0.663	0.689	96.22%
802.11ac80	0.342	0.362	94.48%

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.03	25.29	250	Pass
11a	CH44	14.00	25.12	250	Pass
11a	CH48	13.89	24.49	250	Pass
11n (HT20)	CH36	13.56	22.70	250	Pass
11n (HT20)	CH44	13.66	23.23	250	Pass
11n (HT20)	CH48	13.24	21.09	250	Pass
11n (HT40)	CH38	12.87	19.36	250	Pass
11n (HT40)	CH46	13.57	22.75	250	Pass
11ac (VHT20)	CH36	13.59	22.86	250	Pass
11ac (VHT20)	CH44	13.61	22.96	250	Pass
11ac (VHT20)	CH48	13.77	23.82	250	Pass
11ac (VHT40)	CH38	12.96	19.77	250	Pass
11ac (VHT40)	CH46	13.59	22.86	250	Pass
11ac (VHT80)	CH42	12.06	16.07	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	13.99	25.06	250	Pass
11a	CH60	13.86	24.32	250	Pass
11a	CH64	13.72	23.55	250	Pass
11n (HT20)	CH52	13.79	23.93	250	Pass
11n (HT20)	CH60	13.70	23.44	250	Pass
11n (HT20)	CH64	13.53	22.54	250	Pass
11n (HT40)	CH54	13.56	22.70	250	Pass
11n (HT40)	CH62	12.83	19.19	250	Pass
11ac (VHT20)	CH52	13.69	23.39	250	Pass
11ac (VHT20)	CH60	13.60	22.91	250	Pass
11ac (VHT20)	CH64	13.54	22.59	250	Pass
11ac (VHT40)	CH54	13.61	22.96	250	Pass
11ac (VHT40)	CH62	12.95	19.72	250	Pass
11ac (VHT80)	CH58	12.09	16.18	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.24	21.09	250	Pass
11a	CH116	13.52	22.49	250	Pass
11a	CH140	13.30	21.38	250	Pass
11n (HT20)	CH100	13.12	20.51	250	Pass
11n (HT20)	CH116	13.50	22.39	250	Pass
11n (HT20)	CH140	12.13	16.33	250	Pass
11n (HT40)	CH102	12.46	17.62	250	Pass
11n (HT40)	CH118	13.46	22.18	250	Pass
11n (HT40)	CH134	13.42	21.98	250	Pass
11ac (VHT20)	CH100	13.13	20.56	250	Pass
11ac (VHT20)	CH116	13.49	22.34	250	Pass
11ac (VHT20)	CH140	12.24	16.75	250	Pass
11ac (VHT40)	CH102	12.47	17.66	250	Pass
11ac (VHT40)	CH118	13.44	22.08	250	Pass
11ac (VHT40)	CH134	13.34	21.58	250	Pass
11ac (VHT80)	CH106	11.67	14.69	250	Pass
11ac (VHT80)	CH122	11.96	15.70	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	12.92	19.59	1000	Pass
11a	CH157	12.73	18.75	1000	Pass
11a	CH165	12.52	17.86	1000	Pass
11n (HT20)	CH149	13.20	20.89	1000	Pass
11n (HT20)	CH157	12.97	19.82	1000	Pass
11n (HT20)	CH165	12.80	19.05	1000	Pass
11n (HT40)	CH151	13.14	20.61	1000	Pass
11n (HT40)	CH159	12.93	19.63	1000	Pass
11ac (VHT20)	CH149	13.01	20.00	1000	Pass
11ac (VHT20)	CH157	12.89	19.45	1000	Pass
11ac (VHT20)	CH165	12.63	18.32	1000	Pass
11ac (VHT40)	CH151	12.93	19.63	1000	Pass
11ac (VHT40)	CH159	12.69	18.58	1000	Pass
11ac (VHT80)	CH155	12.94	19.68	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2480911-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	21.74	16.59
11a	CH44	21.86	16.61
11a	CH48	23.93	16.60
11n (HT20)	CH36	22.93	17.67
11n (HT20)	CH44	21.54	17.66
11n (HT20)	CH48	21.47	17.65
11n (HT40)	CH38	40.62	36.04
11n (HT40)	CH46	40.87	36.15
11ac (VHT20)	CH36	20.48	17.62
11ac (VHT20)	CH44	20.57	17.63
11ac (VHT20)	CH48	22.02	17.63
11ac (VHT40)	CH38	40.83	36.02
11ac (VHT40)	CH46	40.70	36.05
11ac (VHT80)	CH42	81.14	75.40

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	22.35	16.58
11a	CH60	21.15	16.58
11a	CH64	20.60	16.56
11n (HT20)	CH52	20.52	17.66
11n (HT20)	CH60	22.05	17.64
11n (HT20)	CH64	20.79	17.66
11n (HT40)	CH54	40.67	36.14
11n (HT40)	CH62	40.68	36.06
11ac (VHT20)	CH52	20.39	17.62
11ac (VHT20)	CH60	21.13	17.63
11ac (VHT20)	CH64	20.39	17.64
11ac (VHT40)	CH54	40.70	36.05
11ac (VHT40)	CH62	40.74	36.02
11ac (VHT80)	CH58	81.16	75.28

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.04	16.50
11a	CH116	20.16	16.55
11a	CH140	20.10	16.50
11n (HT20)	CH100	20.43	17.61
11n (HT20)	CH116	21.17	17.65
11n (HT20)	CH140	20.42	17.59
11n (HT40)	CH102	40.68	36.03
11n (HT40)	CH118	40.73	36.13
11n (HT40)	CH134	40.59	36.14
11ac (VHT20)	CH100	20.45	17.60
11ac (VHT20)	CH116	20.37	17.64
11ac (VHT20)	CH140	20.37	17.56
11ac (VHT40)	CH102	40.74	36.05
11ac (VHT40)	CH118	40.59	36.02
11ac (VHT40)	CH134	40.58	36.07
11ac (VHT80)	CH106	81.38	75.36
11ac (VHT80)	CH122	81.13	75.22

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.03	16.54
11a	CH157	20.06	16.55
11a	CH165	20.06	16.54
11n (HT20)	CH149	20.42	17.60
11n (HT20)	CH157	20.32	17.61
11n (HT20)	CH165	20.39	17.60
11n (HT40)	CH151	40.65	36.14
11n (HT40)	CH159	40.75	36.10
11ac (VHT20)	CH149	20.37	17.60
11ac (VHT20)	CH157	20.30	17.59
11ac (VHT20)	CH165	20.43	17.58
11ac (VHT40)	CH151	40.75	36.12
11ac (VHT40)	CH159	40.55	36.10
11ac (VHT80)	CH155	81.15	75.49

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2480911-604 Data Part 2.pdf”.

Test Data

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

A.4 Power Spectral Density

Note [1]: Test plots please refer to the document “Annex No.: BL-SZ2480911-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	3.40	11.00	Pass
11a	CH44	3.43	11.00	Pass
11a	CH48	3.60	11.00	Pass
11n (HT20)	CH36	3.13	11.00	Pass
11n (HT20)	CH44	3.26	11.00	Pass
11n (HT20)	CH48	2.73	11.00	Pass
11n (HT40)	CH38	-0.28	11.00	Pass
11n (HT40)	CH46	0.30	11.00	Pass
11ac (VHT20)	CH36	3.18	11.00	Pass
11ac (VHT20)	CH44	3.28	11.00	Pass
11ac (VHT20)	CH48	3.21	11.00	Pass
11ac (VHT40)	CH38	-0.36	11.00	Pass
11ac (VHT40)	CH46	0.22	11.00	Pass
11ac (VHT80)	CH42	-4.26	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	3.55	11.00	Pass
11a	CH60	3.55	11.00	Pass
11a	CH64	3.47	11.00	Pass
11n (HT20)	CH52	3.14	11.00	Pass
11n (HT20)	CH60	3.22	11.00	Pass
11n (HT20)	CH64	3.17	11.00	Pass
11n (HT40)	CH54	0.26	11.00	Pass
11n (HT40)	CH62	-0.28	11.00	Pass
11ac (VHT20)	CH52	3.20	11.00	Pass
11ac (VHT20)	CH60	3.14	11.00	Pass
11ac (VHT20)	CH64	3.12	11.00	Pass
11ac (VHT40)	CH54	0.11	11.00	Pass
11ac (VHT40)	CH62	-0.33	11.00	Pass
11ac (VHT80)	CH58	-4.31	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.99	11.00	Pass
11a	CH116	3.32	11.00	Pass
11a	CH140	3.26	11.00	Pass
11n (HT20)	CH100	2.69	11.00	Pass
11n (HT20)	CH116	2.96	11.00	Pass
11n (HT20)	CH140	1.86	11.00	Pass
11n (HT40)	CH102	-0.18	11.00	Pass
11n (HT40)	CH118	0.65	11.00	Pass
11n (HT40)	CH134	0.58	11.00	Pass
11ac (VHT20)	CH100	3.19	11.00	Pass
11ac (VHT20)	CH116	3.41	11.00	Pass
11ac (VHT20)	CH140	1.85	11.00	Pass
11ac (VHT40)	CH102	-0.78	11.00	Pass
11ac (VHT40)	CH118	0.04	11.00	Pass
11ac (VHT40)	CH134	0.01	11.00	Pass
11ac (VHT80)	CH106	-4.53	11.00	Pass
11ac (VHT80)	CH122	-4.54	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-0.11	30.00	Pass
11a	CH157	-0.13	30.00	Pass
11a	CH165	-0.29	30.00	Pass
11n (HT20)	CH149	0.01	30.00	Pass
11n (HT20)	CH157	-0.12	30.00	Pass
11n (HT20)	CH165	-0.17	30.00	Pass
11n (HT40)	CH151	-2.93	30.00	Pass
11n (HT40)	CH159	-2.96	30.00	Pass
11ac (VHT20)	CH149	0.04	30.00	Pass
11ac (VHT20)	CH157	-0.11	30.00	Pass
11ac (VHT20)	CH165	-0.19	30.00	Pass
11ac (VHT40)	CH151	-2.91	30.00	Pass
11ac (VHT40)	CH159	-3.04	30.00	Pass
11ac (VHT80)	CH155	-5.70	30.00	Pass

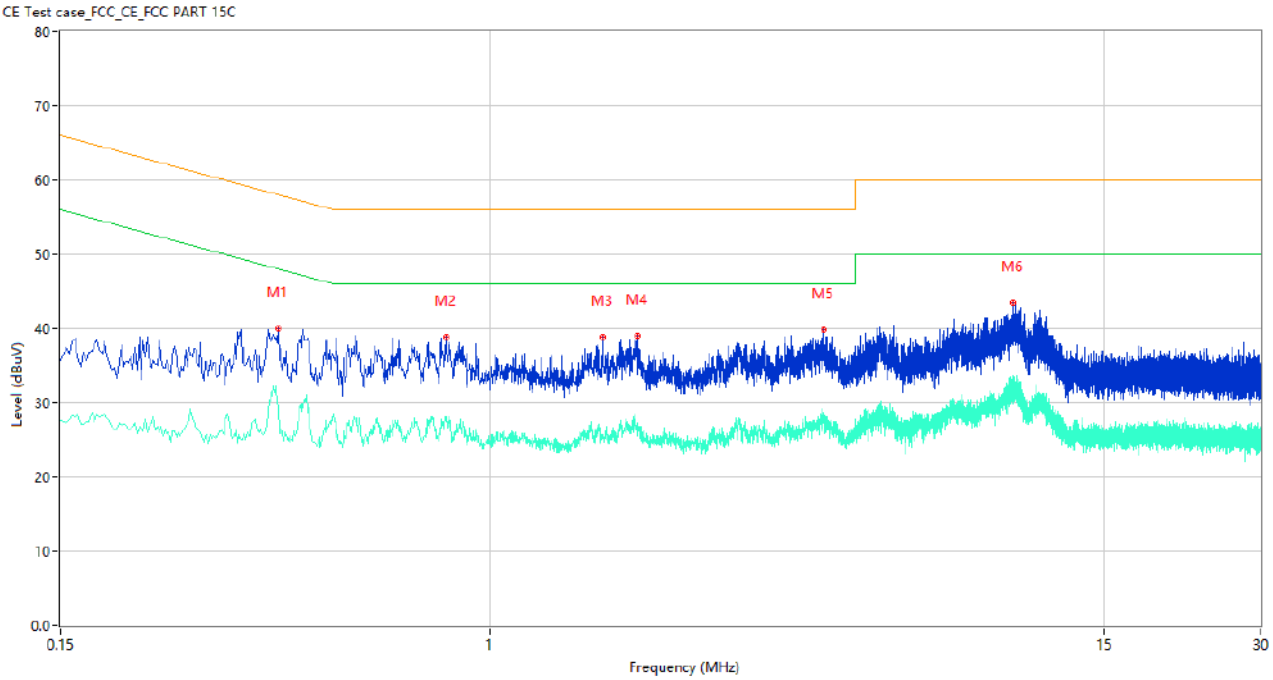
A.5 Conducted Emissions

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

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

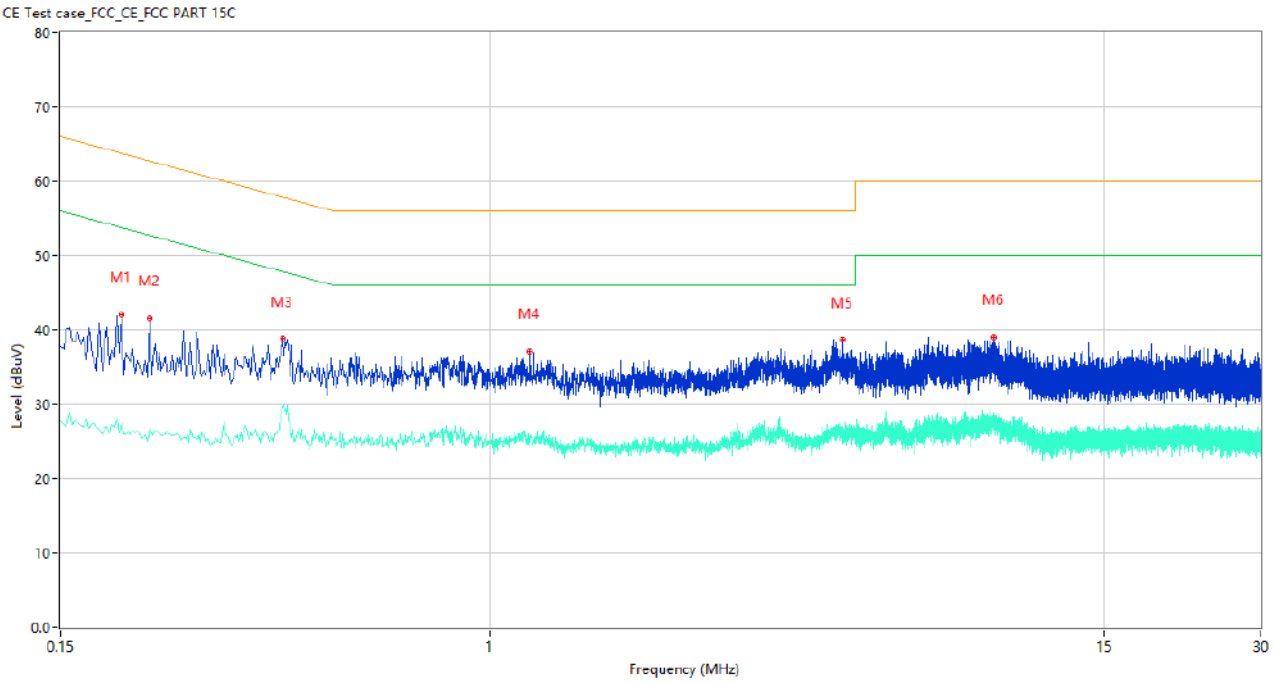
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.392	39.96	10.59	58.02	18.06	Peak	L	Pass
1**	0.392	29.69	10.59	48.02	18.33	AV	L	Pass
2	0.822	38.88	10.57	56.00	17.12	Peak	L	Pass
2**	0.822	27.44	10.57	46.00	18.56	AV	L	Pass
3	1.640	38.83	9.91	56.00	17.17	Peak	L	Pass
3**	1.640	25.62	9.91	46.00	20.38	AV	L	Pass
4	1.914	39.00	10.56	56.00	17.00	Peak	L	Pass
4**	1.914	25.97	10.56	46.00	20.03	AV	L	Pass
5	4.352	39.84	10.05	56.00	16.16	Peak	L	Pass
5**	4.352	28.70	10.05	46.00	17.30	AV	L	Pass
6	10.034	43.48	10.58	60.00	16.52	Peak	L	Pass
6**	10.034	32.31	10.58	50.00	17.69	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.196	42.07	9.77	63.78	21.71	Peak	N	Pass
1**	0.196	27.54	9.77	53.78	26.24	AV	N	Pass
2	0.222	41.62	9.77	62.74	21.12	Peak	N	Pass
2**	0.222	26.86	9.77	52.74	25.88	AV	N	Pass
3	0.400	38.87	10.55	57.85	18.98	Peak	N	Pass
3**	0.400	29.56	10.55	47.85	18.29	AV	N	Pass
4	1.190	37.19	9.99	56.00	18.81	Peak	N	Pass
4**	1.190	25.64	9.99	46.00	20.36	AV	N	Pass
5	4.746	38.66	10.10	56.00	17.34	Peak	N	Pass
5**	4.746	26.51	10.10	46.00	19.49	AV	N	Pass
6	9.242	39.11	10.42	60.00	20.89	Peak	N	Pass
6**	9.242	26.73	10.42	50.00	23.27	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.

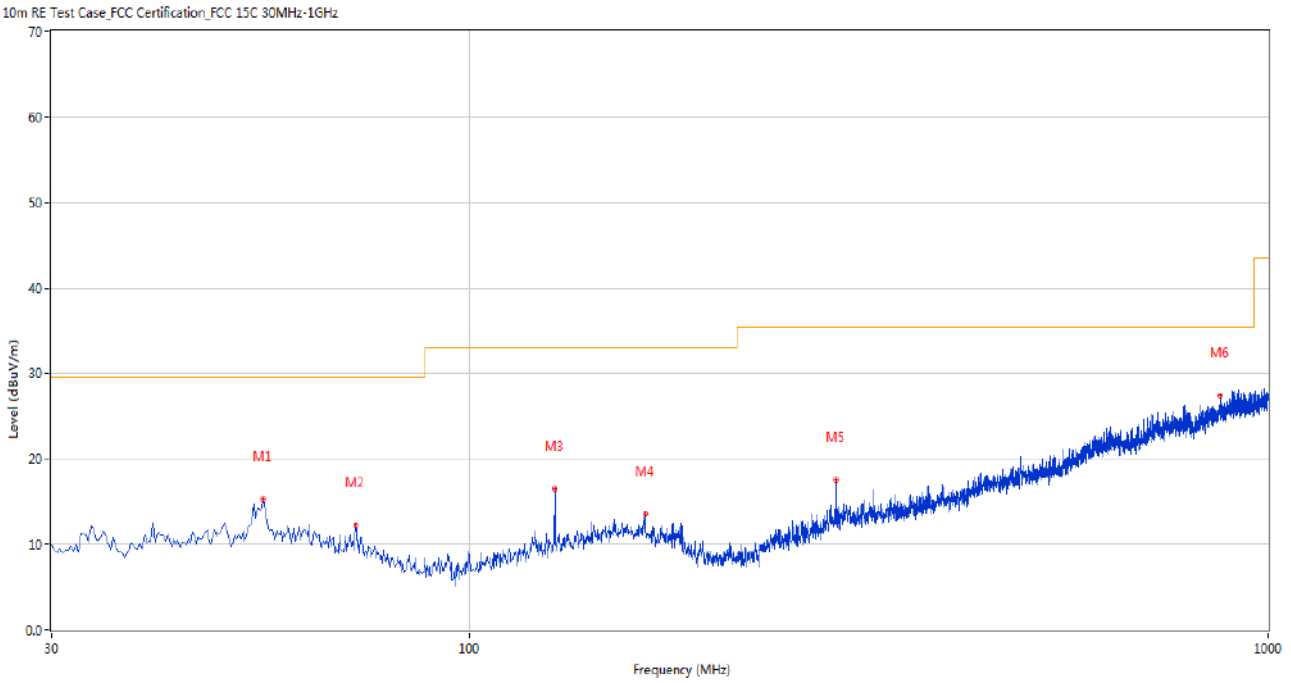
Note [2]: For the test data above 1 GHz，According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

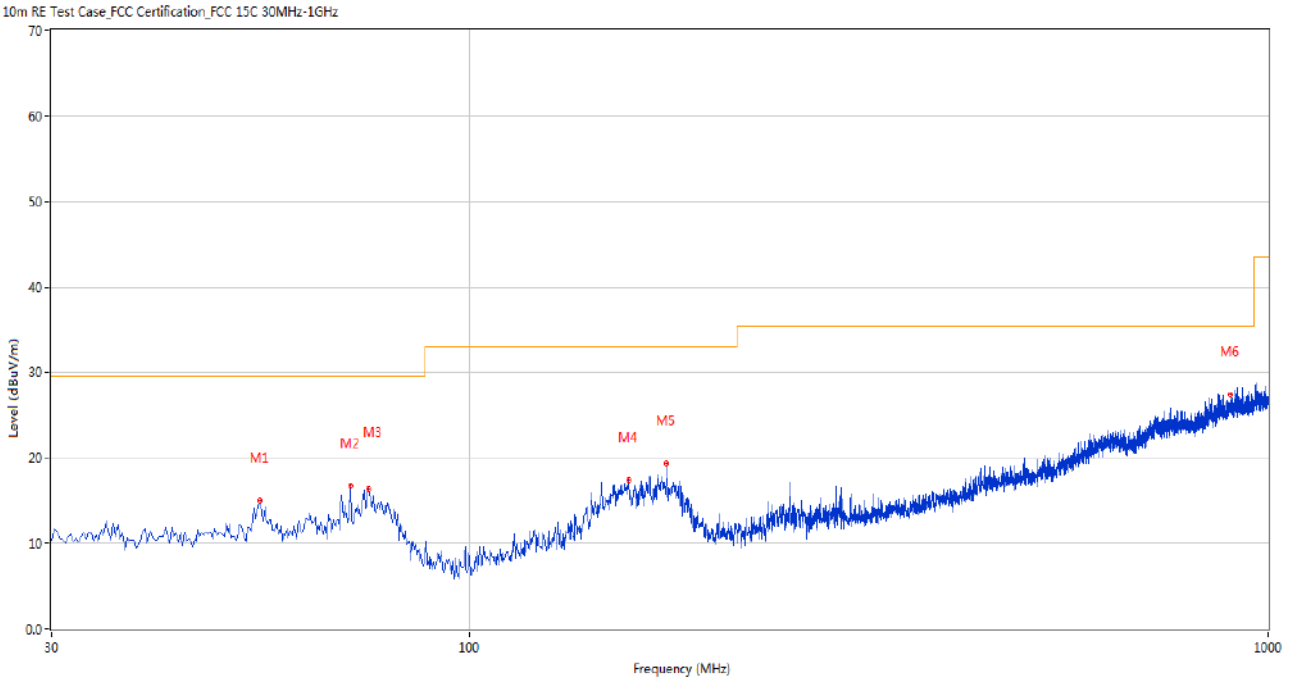
Test Data and Plots

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	55.214	15.32	-26.15	29.5	14.18	Peak	199.00	100	Horizontal	Pass
2	71.942	12.23	-28.63	29.5	17.27	Peak	360.00	200	Horizontal	Pass
3	127.946	16.53	-27.27	33.0	16.47	Peak	360.00	200	Horizontal	Pass
4	166.008	13.55	-25.60	33.0	19.45	Peak	259.00	200	Horizontal	Pass
5	287.956	17.55	-25.18	35.5	17.95	Peak	340.00	200	Horizontal	Pass
6	870.780	27.41	-11.22	35.5	8.09	Peak	205.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.729	15.01	-26.12	29.5	14.49	Peak	145.00	100	Vertical	Pass
2	70.972	16.72	-28.38	29.5	12.78	Peak	101.00	100	Vertical	Pass
3	74.851	16.29	-29.13	29.5	13.21	Peak	112.00	100	Vertical	Pass
4	158.493	17.40	-25.66	33.0	15.60	Peak	242.00	100	Vertical	Pass
5	176.676	19.40	-26.98	33.0	13.60	Peak	258.00	100	Vertical	Pass
6	896.236	27.43	-10.50	35.5	8.07	Peak	75.00	200	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.000	39.56	-16.73	74.0	34.44	Peak	73.00	200	Horizontal	Pass
1**	1490.000	29.97	-16.73	54.0	24.03	AV	73.00	200	Horizontal	Pass
2	4380.400	50.12	-3.39	74.0	23.88	Peak	360.00	400	Horizontal	Pass
2**	4380.400	41.17	-3.39	54.0	12.83	AV	360.00	400	Horizontal	Pass
3	5181.600	110.14	-2.63	--	--	Peak	227.00	200	Horizontal	N/A
3**	5181.600	103.54	-2.63	--	--	AV	227.00	200	Horizontal	N/A
4	7336.663	49.64	-3.07	74.0	24.36	Peak	110.00	100	Horizontal	Pass
4**	7336.663	40.53	-3.07	54.0	13.47	AV	110.00	100	Horizontal	Pass
5	11513.175	52.82	-0.29	74.0	21.18	Peak	192.00	150	Horizontal	Pass
5**	11513.175	43.83	-0.29	54.0	10.17	AV	192.00	150	Horizontal	Pass
6	15643.013	56.12	1.28	74.0	17.88	Peak	220.00	400	Horizontal	Pass
6**	15643.013	45.87	1.28	54.0	8.13	AV	220.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.700	38.68	-16.82	74.0	35.32	Peak	9.00	100	Vertical	Pass
1**	1506.700	29.69	-16.82	54.0	24.31	AV	9.00	100	Vertical	Pass
2	4377.200	49.74	-3.65	74.0	24.26	Peak	258.00	200	Vertical	Pass
2**	4377.200	41.46	-3.65	54.0	12.54	AV	258.00	200	Vertical	Pass
3	5180.800	97.89	-2.68	--	--	Peak	143.00	150	Vertical	N/A
3**	5180.800	90.18	-2.68	--	--	AV	143.00	150	Vertical	N/A
4	7278.013	49.69	-3.25	74.0	24.31	Peak	291.00	300	Vertical	Pass
4**	7278.013	39.47	-3.25	54.0	14.53	AV	291.00	300	Vertical	Pass
5	11949.600	53.10	1.41	74.0	20.90	Peak	160.00	150	Vertical	Pass
5**	11949.600	43.57	1.41	54.0	10.43	AV	160.00	150	Vertical	Pass
6	16052.775	56.10	0.76	74.0	17.90	Peak	360.00	200	Vertical	Pass
6**	16052.775	45.52	0.76	54.0	8.48	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.300	38.62	-16.71	74.0	35.38	Peak	3.00	200	Horizontal	Pass
1**	1486.300	29.50	-16.71	54.0	24.50	AV	3.00	200	Horizontal	Pass
2	4089.600	49.54	-4.78	74.0	24.46	Peak	172.00	200	Horizontal	Pass
2**	4089.600	39.67	-4.78	54.0	14.33	AV	172.00	200	Horizontal	Pass
3	5221.200	110.56	-2.69	--	--	Peak	225.00	150	Horizontal	N/A
3**	5221.200	103.02	-2.69	--	--	AV	225.00	150	Horizontal	N/A
4	7335.513	49.94	-3.28	74.0	24.06	Peak	84.00	100	Horizontal	Pass
4**	7335.513	40.69	-3.28	54.0	13.31	AV	84.00	100	Horizontal	Pass
5	12240.263	53.13	1.06	74.0	20.87	Peak	335.00	150	Horizontal	Pass
5**	12240.263	43.34	1.06	54.0	10.66	AV	335.00	150	Horizontal	Pass
6	15611.513	55.55	1.33	74.0	18.45	Peak	216.00	150	Horizontal	Pass
6**	15611.513	45.69	1.33	54.0	8.31	AV	216.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.600	38.57	-17.10	74.0	35.43	Peak	252.00	300	Vertical	Pass
1**	1624.600	28.97	-17.10	54.0	25.03	AV	252.00	300	Vertical	Pass
2	4380.400	50.69	-3.39	74.0	23.31	Peak	132.00	200	Vertical	Pass
2**	4380.400	40.90	-3.39	54.0	13.10	AV	132.00	200	Vertical	Pass
3	5220.800	98.82	-2.72	--	--	Peak	142.00	100	Vertical	N/A
3**	5220.800	91.44	-2.72	--	--	AV	142.00	100	Vertical	N/A
4	7738.588	49.36	-2.83	74.0	24.64	Peak	318.00	400	Vertical	Pass
4**	7738.588	40.48	-2.83	54.0	13.52	AV	318.00	400	Vertical	Pass
5	12439.788	53.28	1.77	74.0	20.72	Peak	229.00	200	Vertical	Pass
5**	12439.788	43.10	1.77	54.0	10.90	AV	229.00	200	Vertical	Pass
6	15794.213	56.16	2.14	74.0	17.84	Peak	279.00	400	Vertical	Pass
6**	15794.213	46.98	2.14	54.0	7.02	AV	279.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.300	38.75	-16.88	74.0	35.25	Peak	312.00	200	Horizontal	Pass
1**	1586.300	29.44	-16.88	54.0	24.56	AV	312.00	200	Horizontal	Pass
2	4381.200	50.08	-3.52	74.0	23.92	Peak	37.00	200	Horizontal	Pass
2**	4381.200	41.97	-3.52	54.0	12.03	AV	37.00	200	Horizontal	Pass
3	5242.000	110.93	-2.48	--	--	Peak	226.00	200	Horizontal	N/A
3**	5242.000	102.91	-2.48	--	--	AV	226.00	200	Horizontal	N/A
4	7336.375	49.84	-3.12	74.0	24.16	Peak	94.00	100	Horizontal	Pass
4**	7336.375	40.67	-3.12	54.0	13.33	AV	94.00	100	Horizontal	Pass
5	12326.513	52.89	1.42	74.0	21.11	Peak	326.00	100	Horizontal	Pass
5**	12326.513	43.58	1.42	54.0	10.42	AV	326.00	100	Horizontal	Pass
6	15804.188	55.46	2.28	74.0	18.54	Peak	212.00	400	Horizontal	Pass
6**	15804.188	45.64	2.28	54.0	8.36	AV	212.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1478.300	39.33	-17.19	74.0	34.67	Peak	26.00	100	Vertical	Pass
1**	1478.300	28.96	-17.19	54.0	25.04	AV	26.00	100	Vertical	Pass
2	4225.200	49.91	-4.17	74.0	24.09	Peak	0.00	200	Vertical	Pass
2**	4225.200	40.54	-4.17	54.0	13.46	AV	0.00	200	Vertical	Pass
3	5241.600	98.31	-2.54	--	--	Peak	182.00	100	Vertical	N/A
3**	5241.600	91.34	-2.54	--	--	AV	182.00	100	Vertical	N/A
4	7447.350	49.68	-3.21	74.0	24.32	Peak	132.00	400	Vertical	Pass
4**	7447.350	40.82	-3.21	54.0	13.18	AV	132.00	400	Vertical	Pass
5	12250.900	53.18	0.96	74.0	20.82	Peak	0.00	150	Vertical	Pass
5**	12250.900	43.68	0.96	54.0	10.32	AV	0.00	150	Vertical	Pass
6	15660.338	55.55	1.28	74.0	18.45	Peak	223.00	150	Vertical	Pass
6**	15660.338	45.94	1.28	54.0	8.06	AV	223.00	150	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	1501.400	38.67	-16.94	74.0	35.33	Peak	263.00	400	Horizontal	Pass
1**	1501.400	30.26	-16.94	54.0	23.74	AV	263.00	400	Horizontal	Pass
2	4160.400	49.74	-4.96	74.0	24.26	Peak	0.00	400	Horizontal	Pass
2**	4160.400	40.42	-4.96	54.0	13.58	AV	0.00	400	Horizontal	Pass
3	5178.800	109.05	-2.53	--	--	Peak	224.00	150	Horizontal	N/A
3**	5178.800	101.33	-2.53	--	--	AV	224.00	150	Horizontal	N/A
4	7360.237	49.69	-3.79	74.0	24.31	Peak	311.00	300	Horizontal	Pass
4**	7360.237	40.11	-3.79	54.0	13.89	AV	311.00	300	Horizontal	Pass
5	11937.812	53.15	1.69	74.0	20.85	Peak	0.00	150	Horizontal	Pass
5**	11937.812	43.73	1.69	54.0	10.27	AV	0.00	150	Horizontal	Pass
6	15567.150	55.80	1.37	74.0	18.20	Peak	81.00	100	Horizontal	Pass
6**	15567.150	46.57	1.37	54.0	7.43	AV	81.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.900	38.57	-16.72	74.0	35.43	Peak	224.00	200	Vertical	Pass
1**	1489.900	30.30	-16.72	54.0	23.70	AV	224.00	200	Vertical	Pass
2	4396.600	49.84	-4.00	74.0	24.16	Peak	262.00	200	Vertical	Pass
2**	4396.600	40.74	-4.00	54.0	13.26	AV	262.00	200	Vertical	Pass
3	5179.000	96.69	-2.54	--	--	Peak	92.00	100	Vertical	N/A
3**	5179.000	90.07	-2.54	--	--	AV	92.00	100	Vertical	N/A
4	7340.975	49.82	-3.07	74.0	24.18	Peak	281.00	100	Vertical	Pass
4**	7340.975	41.47	-3.07	54.0	12.53	AV	281.00	100	Vertical	Pass
5	12267.575	53.35	1.37	74.0	20.65	Peak	360.00	150	Vertical	Pass
5**	12267.575	43.42	1.37	54.0	10.58	AV	360.00	150	Vertical	Pass
6	16066.688	55.76	1.21	74.0	18.24	Peak	13.00	400	Vertical	Pass
6**	16066.688	46.47	1.21	54.0	7.53	AV	13.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.800	38.99	-17.08	74.0	35.01	Peak	128.00	200	Horizontal	Pass
1**	1528.800	29.29	-17.08	54.0	24.71	AV	128.00	200	Horizontal	Pass
2	4387.400	50.77	-3.35	74.0	23.23	Peak	314.00	400	Horizontal	Pass
2**	4387.400	41.20	-3.35	54.0	12.80	AV	314.00	400	Horizontal	Pass
3	5218.600	108.92	-2.84	--	--	Peak	234.00	150	Horizontal	N/A
3**	5218.600	101.24	-2.84	--	--	AV	234.00	150	Horizontal	N/A
4	7396.175	50.27	-4.01	74.0	23.73	Peak	232.00	200	Horizontal	Pass
4**	7396.175	40.18	-4.01	54.0	13.82	AV	232.00	200	Horizontal	Pass
5	12288.562	53.33	1.70	74.0	20.67	Peak	358.00	100	Horizontal	Pass
5**	12288.562	44.51	1.70	54.0	9.49	AV	358.00	100	Horizontal	Pass
6	15786.075	55.67	1.85	74.0	18.33	Peak	70.00	300	Horizontal	Pass
6**	15786.075	45.98	1.85	54.0	8.02	AV	70.00	300	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	1552.500	39.23	-17.11	74.0	34.77	Peak	107.00	300	Vertical	Pass
1**	1552.500	29.20	-17.11	54.0	24.80	AV	107.00	300	Vertical	Pass
2	4340.800	50.05	-4.60	74.0	23.95	Peak	83.00	400	Vertical	Pass
2**	4340.800	39.39	-4.60	54.0	14.61	AV	83.00	400	Vertical	Pass
3	5218.600	97.21	-2.84	--	--	Peak	155.00	200	Vertical	N/A
3**	5218.600	89.71	-2.84	--	--	AV	155.00	200	Vertical	N/A
4	7383.525	50.12	-3.51	74.0	23.88	Peak	359.00	200	Vertical	Pass
4**	7383.525	40.19	-3.51	54.0	13.81	AV	359.00	200	Vertical	Pass
5	12408.162	53.10	1.46	74.0	20.90	Peak	159.00	200	Vertical	Pass
5**	12408.162	43.58	1.46	54.0	10.42	AV	159.00	200	Vertical	Pass
6	16054.875	55.99	0.78	74.0	18.01	Peak	194.00	400	Vertical	Pass
6**	16054.875	45.85	0.78	54.0	8.15	AV	194.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.700	39.14	-17.16	74.0	34.86	Peak	0.00	100	Horizontal	Pass
1**	1620.700	29.37	-17.16	54.0	24.63	AV	0.00	100	Horizontal	Pass
2	4386.600	50.00	-3.30	74.0	24.00	Peak	233.00	300	Horizontal	Pass
2**	4386.600	41.41	-3.30	54.0	12.59	AV	233.00	300	Horizontal	Pass
3	5242.200	109.52	-2.44	--	--	Peak	233.00	100	Horizontal	N/A
3**	5242.200	102.33	-2.44	--	--	AV	233.00	100	Horizontal	N/A
4	7452.812	50.10	-3.24	74.0	23.90	Peak	13.00	300	Horizontal	Pass
4**	7452.812	40.60	-3.24	54.0	13.40	AV	13.00	300	Horizontal	Pass
5	11498.800	53.01	0.05	74.0	20.99	Peak	303.00	150	Horizontal	Pass
5**	11498.800	44.46	0.05	54.0	9.54	AV	303.00	150	Horizontal	Pass
6	15803.138	55.53	2.29	74.0	18.47	Peak	186.00	150	Horizontal	Pass
6**	15803.138	46.05	2.29	54.0	7.95	AV	186.00	150	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	1495.500	38.88	-16.85	74.0	35.12	Peak	168.00	300	Vertical	Pass
1**	1495.500	29.38	-16.85	54.0	24.62	AV	168.00	300	Vertical	Pass
2	4383.200	50.00	-3.64	74.0	24.00	Peak	350.00	200	Vertical	Pass
2**	4383.200	40.53	-3.64	54.0	13.47	AV	350.00	200	Vertical	Pass
3	5239.200	97.27	-2.64	--	--	Peak	159.00	100	Vertical	N/A
3**	5239.200	90.25	-2.64	--	--	AV	159.00	100	Vertical	N/A
4	7342.125	50.68	-3.19	74.0	23.32	Peak	238.00	300	Vertical	Pass
4**	7342.125	40.58	-3.19	54.0	13.42	AV	238.00	300	Vertical	Pass
5	11560.901	52.87	-0.44	74.0	21.13	Peak	346.00	100	Vertical	Pass
5**	11560.901	42.13	-0.44	54.0	11.87	AV	346.00	100	Vertical	Pass
6	15528.563	55.96	1.19	74.0	18.04	Peak	342.00	100	Vertical	Pass
6**	15528.563	46.07	1.19	54.0	7.93	AV	342.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.000	39.98	-16.86	74.0	34.02	Peak	268.00	200	Horizontal	Pass
1**	1622.000	29.48	-16.86	54.0	24.52	AV	268.00	200	Horizontal	Pass
2	4393.400	49.77	-3.70	74.0	24.23	Peak	360.00	100	Horizontal	Pass
2**	4393.400	40.25	-3.70	54.0	13.75	AV	360.00	100	Horizontal	Pass
3	5195.000	105.32	-2.39	--	--	Peak	228.00	200	Horizontal	N/A
3**	5195.000	97.47	-2.39	--	--	AV	228.00	200	Horizontal	N/A
4	7340.975	49.49	-3.07	74.0	24.51	Peak	188.00	100	Horizontal	Pass
4**	7340.975	41.17	-3.07	54.0	12.83	AV	188.00	100	Horizontal	Pass
5	12269.300	53.37	1.43	74.0	20.63	Peak	240.00	100	Horizontal	Pass
5**	12269.300	43.94	1.43	54.0	10.06	AV	240.00	100	Horizontal	Pass
6	15792.113	55.33	2.08	74.0	18.67	Peak	282.00	150	Horizontal	Pass
6**	15792.113	46.32	2.08	54.0	7.68	AV	282.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1551.300	38.96	-17.07	74.0	35.04	Peak	335.00	200	Vertical	Pass
1**	1551.300	28.95	-17.07	54.0	25.05	AV	335.00	200	Vertical	Pass
2	4378.400	49.91	-3.42	74.0	24.09	Peak	317.00	400	Vertical	Pass
2**	4378.400	40.82	-3.42	54.0	13.18	AV	317.00	400	Vertical	Pass
3	5192.600	93.44	-2.33	--	--	Peak	154.00	150	Vertical	N/A
3**	5192.600	85.92	-2.33	--	--	AV	154.00	150	Vertical	N/A
4	7334.938	49.84	-3.24	74.0	24.16	Peak	189.00	100	Vertical	Pass
4**	7334.938	40.50	-3.24	54.0	13.50	AV	189.00	100	Vertical	Pass
5	12298.912	53.11	1.50	74.0	20.89	Peak	314.00	200	Vertical	Pass
5**	12298.912	43.76	1.50	54.0	10.24	AV	314.00	200	Vertical	Pass
6	16025.213	56.08	0.68	74.0	17.92	Peak	262.00	300	Vertical	Pass
6**	16025.213	46.42	0.68	54.0	7.58	AV	262.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.400	39.02	-16.97	74.0	34.98	Peak	152.00	300	Horizontal	Pass
1**	1584.400	29.50	-16.97	54.0	24.50	AV	152.00	300	Horizontal	Pass
2	4385.600	50.10	-3.36	74.0	23.90	Peak	200.00	200	Horizontal	Pass
2**	4385.600	40.76	-3.36	54.0	13.24	AV	200.00	200	Horizontal	Pass
3	5229.000	105.64	-2.61	--	--	Peak	235.00	200	Horizontal	N/A
3**	5229.000	98.19	-2.61	--	--	AV	235.00	200	Horizontal	N/A
4	7340.400	49.64	-3.01	74.0	24.36	Peak	214.00	400	Horizontal	Pass
4**	7340.400	40.75	-3.01	54.0	13.25	AV	214.00	400	Horizontal	Pass
5	12370.500	53.63	1.27	74.0	20.37	Peak	323.00	100	Horizontal	Pass
5**	12370.500	43.58	1.27	54.0	10.42	AV	323.00	100	Horizontal	Pass
6	16182.450	55.68	1.52	74.0	18.32	Peak	217.00	300	Horizontal	Pass
6**	16182.450	46.16	1.52	54.0	7.84	AV	217.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.700	39.04	-16.78	74.0	34.96	Peak	348.00	400	Vertical	Pass
1**	1490.700	30.40	-16.78	54.0	23.60	AV	348.00	400	Vertical	Pass
2	4239.800	50.06	-4.17	74.0	23.94	Peak	105.00	400	Vertical	Pass
2**	4239.800	41.19	-4.17	54.0	12.81	AV	105.00	400	Vertical	Pass
3	5225.400	93.37	-2.55	--	--	Peak	163.00	200	Vertical	N/A
3**	5225.400	86.46	-2.55	--	--	AV	163.00	200	Vertical	N/A
4	7465.750	49.81	-3.38	74.0	24.19	Peak	235.00	400	Vertical	Pass
4**	7465.750	39.65	-3.38	54.0	14.35	AV	235.00	400	Vertical	Pass
5	12275.912	53.58	1.65	74.0	20.42	Peak	353.00	100	Vertical	Pass
5**	12275.912	44.78	1.65	54.0	9.22	AV	353.00	100	Vertical	Pass
6	16086.638	56.16	1.50	74.0	17.84	Peak	299.00	300	Vertical	Pass
6**	16086.638	46.50	1.50	54.0	7.50	AV	299.00	300	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	1586.100	38.99	-16.85	74.0	35.01	Peak	201.00	200	Horizontal	Pass
1**	1586.100	30.47	-16.85	54.0	23.53	AV	201.00	200	Horizontal	Pass
2	4397.200	50.29	-4.14	74.0	23.71	Peak	130.00	100	Horizontal	Pass
2**	4397.200	41.06	-4.14	54.0	12.94	AV	130.00	100	Horizontal	Pass
3	5182.200	108.79	-2.59	--	--	Peak	235.00	100	Horizontal	N/A
3**	5182.200	101.54	-2.59	--	--	AV	235.00	100	Horizontal	N/A
4	7672.462	49.90	-2.39	74.0	24.10	Peak	0.00	200	Horizontal	Pass
4**	7672.462	39.83	-2.39	54.0	14.17	AV	0.00	200	Horizontal	Pass
5	12252.338	53.58	0.97	74.0	20.42	Peak	360.00	200	Horizontal	Pass
5**	12252.338	43.61	0.97	54.0	10.39	AV	360.00	200	Horizontal	Pass
6	15513.338	55.36	1.41	74.0	18.64	Peak	343.00	300	Horizontal	Pass
6**	15513.338	46.36	1.41	54.0	7.64	AV	343.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.800	38.82	-16.84	74.0	35.18	Peak	169.00	300	Vertical	Pass
1**	1504.800	29.38	-16.84	54.0	24.62	AV	169.00	300	Vertical	Pass
2	4369.000	49.60	-3.88	74.0	24.40	Peak	105.00	100	Vertical	Pass
2**	4369.000	41.06	-3.88	54.0	12.94	AV	105.00	100	Vertical	Pass
3	5183.800	96.13	-2.50	--	--	Peak	168.00	200	Vertical	N/A
3**	5183.800	88.46	-2.50	--	--	AV	168.00	200	Vertical	N/A
4	7368.862	50.25	-3.92	74.0	23.75	Peak	200.00	400	Vertical	Pass
4**	7368.862	39.75	-3.92	54.0	14.25	AV	200.00	400	Vertical	Pass
5	12315.588	53.17	1.41	74.0	20.83	Peak	200.00	100	Vertical	Pass
5**	12315.588	43.61	1.41	54.0	10.39	AV	200.00	100	Vertical	Pass
6	16107.375	55.53	0.88	74.0	18.47	Peak	0.00	400	Vertical	Pass
6**	16107.375	47.07	0.88	54.0	6.93	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.500	38.80	-17.20	74.0	35.20	Peak	163.00	300	Horizontal	Pass
1**	1510.500	30.03	-17.20	54.0	23.97	AV	163.00	300	Horizontal	Pass
2	4374.000	50.47	-3.92	74.0	23.53	Peak	96.00	200	Horizontal	Pass
2**	4374.000	41.42	-3.92	54.0	12.58	AV	96.00	200	Horizontal	Pass
3	5221.800	108.88	-2.69	--	--	Peak	231.00	200	Horizontal	N/A
3**	5221.800	101.77	-2.69	--	--	AV	231.00	200	Horizontal	N/A
4	7340.400	50.12	-3.01	74.0	23.88	Peak	91.00	300	Horizontal	Pass
4**	7340.400	40.85	-3.01	54.0	13.15	AV	91.00	300	Horizontal	Pass
5	12369.925	52.82	1.26	74.0	21.18	Peak	260.00	100	Horizontal	Pass
5**	12369.925	43.49	1.26	54.0	10.51	AV	260.00	100	Horizontal	Pass
6	16177.463	55.68	1.41	74.0	18.32	Peak	360.00	300	Horizontal	Pass
6**	16177.463	46.36	1.41	54.0	7.64	AV	360.00	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	1622.500	38.99	-16.92	74.0	35.01	Peak	288.00	300	Vertical	Pass
1**	1622.500	29.55	-16.92	54.0	24.45	AV	288.00	300	Vertical	Pass
2	4303.600	50.04	-4.36	74.0	23.96	Peak	352.00	400	Vertical	Pass
2**	4303.600	40.15	-4.36	54.0	13.85	AV	352.00	400	Vertical	Pass
3	5221.200	97.79	-2.69	--	--	Peak	164.00	150	Vertical	N/A
3**	5221.200	89.61	-2.69	--	--	AV	164.00	150	Vertical	N/A
4	7391.288	49.75	-3.88	74.0	24.25	Peak	110.00	100	Vertical	Pass
4**	7391.288	40.88	-3.88	54.0	13.12	AV	110.00	100	Vertical	Pass
5	11330.612	52.87	0.43	74.0	21.13	Peak	298.00	200	Vertical	Pass
5**	11330.612	42.87	0.43	54.0	11.13	AV	298.00	200	Vertical	Pass
6	15660.599	56.21	1.28	74.0	17.79	Peak	108.00	300	Vertical	Pass
6**	15660.599	45.82	1.28	54.0	8.18	AV	108.00	300	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	1572.300	38.85	-17.06	74.0	35.15	Peak	0.00	300	Horizontal	Pass
1**	1572.300	29.92	-17.06	54.0	24.08	AV	0.00	300	Horizontal	Pass
2	4389.800	49.60	-3.33	74.0	24.40	Peak	158.00	300	Horizontal	Pass
2**	4389.800	40.95	-3.33	54.0	13.05	AV	158.00	300	Horizontal	Pass
3	5238.800	108.94	-2.61	--	--	Peak	242.00	150	Horizontal	N/A
3**	5238.800	102.25	-2.61	--	--	AV	242.00	150	Horizontal	N/A
4	7332.638	49.84	-3.21	74.0	24.16	Peak	74.00	400	Horizontal	Pass
4**	7332.638	41.43	-3.21	54.0	12.57	AV	74.00	400	Horizontal	Pass
5	12321.625	53.32	1.42	74.0	20.68	Peak	37.00	100	Horizontal	Pass
5**	12321.625	43.59	1.42	54.0	10.41	AV	37.00	100	Horizontal	Pass
6	15839.887	56.19	1.45	74.0	17.81	Peak	148.00	400	Horizontal	Pass
6**	15839.887	46.29	1.45	54.0	7.71	AV	148.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1610.800	39.71	-17.06	74.0	34.29	Peak	309.00	100	Vertical	Pass
1**	1610.800	29.38	-17.06	54.0	24.62	AV	309.00	100	Vertical	Pass
2	4392.000	50.28	-3.50	74.0	23.72	Peak	225.00	400	Vertical	Pass
2**	4392.000	40.83	-3.50	54.0	13.17	AV	225.00	400	Vertical	Pass
3	5238.600	97.58	-2.59	--	--	Peak	153.00	100	Vertical	N/A
3**	5238.600	90.70	-2.59	--	--	AV	153.00	100	Vertical	N/A
4	7337.525	49.66	-2.90	74.0	24.34	Peak	0.00	300	Vertical	Pass
4**	7337.525	41.15	-2.90	54.0	12.85	AV	0.00	300	Vertical	Pass
5	12341.463	53.04	1.29	74.0	20.96	Peak	89.00	150	Vertical	Pass
5**	12341.463	43.22	1.29	54.0	10.78	AV	89.00	150	Vertical	Pass
6	16125.225	55.36	0.81	74.0	18.64	Peak	360.00	200	Vertical	Pass
6**	16125.225	45.99	0.81	54.0	8.01	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.500	38.49	-16.77	74.0	35.51	Peak	360.00	400	Horizontal	Pass
1**	1490.500	29.39	-16.77	54.0	24.61	AV	360.00	400	Horizontal	Pass
2	4386.600	50.14	-3.30	74.0	23.86	Peak	37.00	200	Horizontal	Pass
2**	4386.600	41.15	-3.30	54.0	12.85	AV	37.00	200	Horizontal	Pass
3	5192.600	105.41	-2.33	--	--	Peak	233.00	150	Horizontal	N/A
3**	5192.600	97.52	-2.33	--	--	AV	233.00	150	Horizontal	N/A
4	7341.837	49.82	-3.15	74.0	24.18	Peak	37.00	200	Horizontal	Pass
4**	7341.837	40.93	-3.15	54.0	13.07	AV	37.00	200	Horizontal	Pass
5	12329.962	53.09	1.42	74.0	20.91	Peak	244.00	200	Horizontal	Pass
5**	12329.962	43.68	1.42	54.0	10.32	AV	244.00	200	Horizontal	Pass
6	15781.349	55.79	1.61	74.0	18.21	Peak	142.00	400	Horizontal	Pass
6**	15781.349	46.63	1.61	54.0	7.37	AV	142.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.500	39.35	-17.12	74.0	34.65	Peak	301.00	400	Vertical	Pass
1**	1582.500	29.66	-17.12	54.0	24.34	AV	301.00	400	Vertical	Pass
2	4378.600	50.62	-3.40	74.0	23.38	Peak	247.00	100	Vertical	Pass
2**	4378.600	41.58	-3.40	54.0	12.42	AV	247.00	100	Vertical	Pass
3	5188.600	92.67	-2.33	--	--	Peak	165.00	100	Vertical	N/A
3**	5188.600	85.54	-2.33	--	--	AV	165.00	100	Vertical	N/A
4	7599.725	49.28	-2.92	74.0	24.72	Peak	143.00	200	Vertical	Pass
4**	7599.725	39.56	-2.92	54.0	14.44	AV	143.00	200	Vertical	Pass
5	12240.838	53.29	1.06	74.0	20.71	Peak	33.00	200	Vertical	Pass
5**	12240.838	43.94	1.06	54.0	10.06	AV	33.00	200	Vertical	Pass
6	15790.537	55.31	2.03	74.0	18.69	Peak	169.00	200	Vertical	Pass
6**	15790.537	47.00	2.03	54.0	7.00	AV	169.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.700	38.74	-17.10	74.0	35.26	Peak	21.00	300	Horizontal	Pass
1**	1581.700	29.40	-17.10	54.0	24.60	AV	21.00	300	Horizontal	Pass
2	4379.200	50.19	-3.34	74.0	23.81	Peak	190.00	400	Horizontal	Pass
2**	4379.200	41.74	-3.34	54.0	12.26	AV	190.00	400	Horizontal	Pass
3	5227.200	105.60	-2.79	--	--	Peak	233.00	100	Horizontal	N/A
3**	5227.200	98.03	-2.79	--	--	AV	233.00	100	Horizontal	N/A
4	7451.087	50.78	-3.18	74.0	23.22	Peak	244.00	200	Horizontal	Pass
4**	7451.087	40.34	-3.18	54.0	13.66	AV	244.00	200	Horizontal	Pass
5	12627.237	53.42	1.52	74.0	20.58	Peak	282.00	100	Horizontal	Pass
5**	12627.237	44.57	1.52	54.0	9.43	AV	282.00	100	Horizontal	Pass
6	16174.576	55.51	1.31	74.0	18.49	Peak	140.00	300	Horizontal	Pass
6**	16174.576	46.14	1.31	54.0	7.86	AV	140.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.500	38.76	-16.93	74.0	35.24	Peak	207.00	200	Vertical	Pass
1**	1507.500	29.30	-16.93	54.0	24.70	AV	207.00	200	Vertical	Pass
2	4376.600	49.62	-3.85	74.0	24.38	Peak	147.00	200	Vertical	Pass
2**	4376.600	41.07	-3.85	54.0	12.93	AV	147.00	200	Vertical	Pass
3	5232.600	93.27	-2.67	--	--	Peak	147.00	100	Vertical	N/A
3**	5232.600	85.84	-2.67	--	--	AV	147.00	100	Vertical	N/A
4	7340.975	50.30	-3.07	74.0	23.70	Peak	79.00	100	Vertical	Pass
4**	7340.975	40.92	-3.07	54.0	13.08	AV	79.00	100	Vertical	Pass
5	12366.763	53.46	1.22	74.0	20.54	Peak	-1.00	100	Vertical	Pass
5**	12366.763	43.31	1.22	54.0	10.69	AV	-1.00	100	Vertical	Pass
6	16031.250	55.76	0.72	74.0	18.24	Peak	248.00	400	Vertical	Pass
6**	16031.250	47.21	0.72	54.0	6.79	AV	248.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1478.300	39.09	-17.19	74.0	34.91	Peak	123.00	200	Horizontal	Pass
1**	1478.300	29.78	-17.19	54.0	24.22	AV	123.00	200	Horizontal	Pass
2	4391.400	50.06	-3.43	74.0	23.94	Peak	193.00	400	Horizontal	Pass
2**	4391.400	41.19	-3.43	54.0	12.81	AV	193.00	400	Horizontal	Pass
3	5203.400	102.40	-2.20	--	--	Peak	227.00	100	Horizontal	N/A
3**	5203.400	94.49	-2.20	--	--	AV	227.00	100	Horizontal	N/A
4	7706.962	49.54	-2.47	74.0	24.46	Peak	192.00	300	Horizontal	Pass
4**	7706.962	39.82	-2.47	54.0	14.18	AV	192.00	300	Horizontal	Pass
5	12603.375	53.34	1.91	74.0	20.66	Peak	155.00	100	Horizontal	Pass
5**	12603.375	43.15	1.91	54.0	10.85	AV	155.00	100	Horizontal	Pass
6	15861.151	55.44	0.90	74.0	18.56	Peak	141.00	100	Horizontal	Pass
6**	15861.151	45.66	0.90	54.0	8.34	AV	141.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.500	39.05	-17.10	74.0	34.95	Peak	273.00	400	Vertical	Pass
1**	1508.500	29.57	-17.10	54.0	24.43	AV	273.00	400	Vertical	Pass
2	4243.000	49.77	-4.40	74.0	24.23	Peak	196.00	400	Vertical	Pass
2**	4243.000	40.44	-4.40	54.0	13.56	AV	196.00	400	Vertical	Pass
3	5203.200	91.47	-2.19	--	--	Peak	165.00	200	Vertical	N/A
3**	5203.200	83.67	-2.19	--	--	AV	165.00	200	Vertical	N/A
4	7452.812	49.66	-3.24	74.0	24.34	Peak	155.00	300	Vertical	Pass
4**	7452.812	40.34	-3.24	54.0	13.66	AV	155.00	300	Vertical	Pass
5	12364.174	53.04	1.20	74.0	20.96	Peak	76.00	150	Vertical	Pass
5**	12364.174	43.21	1.20	54.0	10.79	AV	76.00	150	Vertical	Pass
6	15624.112	56.08	1.71	74.0	17.92	Peak	287.00	200	Vertical	Pass
6**	15624.112	46.30	1.71	54.0	7.70	AV	287.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1476.800	39.34	-17.23	74.0	34.66	Peak	116.00	400	Horizontal	Pass
1**	1476.800	29.60	-17.23	54.0	24.40	AV	116.00	400	Horizontal	Pass
2	4386.400	49.86	-3.29	74.0	24.14	Peak	67.00	300	Horizontal	Pass
2**	4386.400	42.20	-3.29	54.0	11.80	AV	67.00	300	Horizontal	Pass
3	5258.200	111.38	-1.77	--	--	Peak	221.00	200	Horizontal	N/A
3**	5258.200	103.12	-1.77	--	--	AV	221.00	200	Horizontal	N/A
4	7329.475	49.35	-3.53	74.0	24.65	Peak	184.00	400	Horizontal	Pass
4**	7329.475	40.37	-3.53	54.0	13.63	AV	184.00	400	Horizontal	Pass
5	12296.325	53.18	1.55	74.0	20.82	Peak	33.00	150	Horizontal	Pass
5**	12296.325	43.88	1.55	54.0	10.12	AV	33.00	150	Horizontal	Pass
6	16069.576	55.45	1.32	74.0	18.55	Peak	214.00	200	Horizontal	Pass
6**	16069.576	46.48	1.32	54.0	7.52	AV	214.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.600	39.95	-16.65	74.0	34.05	Peak	0.00	200	Vertical	Pass
1**	1485.600	29.57	-16.65	54.0	24.43	AV	0.00	200	Vertical	Pass
2	4374.600	50.01	-4.04	74.0	23.99	Peak	245.00	100	Vertical	Pass
2**	4374.600	40.96	-4.04	54.0	13.04	AV	245.00	100	Vertical	Pass
3	5259.000	99.63	-1.76	--	--	Peak	136.00	100	Vertical	N/A
3**	5259.000	92.68	-1.76	--	--	AV	136.00	100	Vertical	N/A
4	7338.100	49.85	-2.89	74.0	24.15	Peak	360.00	400	Vertical	Pass
4**	7338.100	41.19	-2.89	54.0	12.81	AV	360.00	400	Vertical	Pass
5	12364.463	52.82	1.20	74.0	21.18	Peak	13.00	100	Vertical	Pass
5**	12364.463	43.93	1.20	54.0	10.07	AV	13.00	100	Vertical	Pass
6	16024.424	55.48	0.66	74.0	18.52	Peak	287.00	400	Vertical	Pass
6**	16024.424	45.94	0.66	54.0	8.06	AV	287.00	400	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	1619.000	38.73	-17.48	74.0	35.27	Peak	83.00	100	Horizontal	Pass
1**	1619.000	29.04	-17.48	54.0	24.96	AV	83.00	100	Horizontal	Pass
2	4383.000	50.11	-3.64	74.0	23.89	Peak	350.00	200	Horizontal	Pass
2**	4383.000	41.23	-3.64	54.0	12.77	AV	350.00	200	Horizontal	Pass
3	5298.400	110.78	-2.87	--	--	Peak	232.00	150	Horizontal	N/A
3**	5298.400	103.66	-2.87	--	--	AV	232.00	150	Horizontal	N/A
4	7317.112	49.71	-3.27	74.0	24.29	Peak	87.00	200	Horizontal	Pass
4**	7317.112	39.52	-3.27	54.0	14.48	AV	87.00	200	Horizontal	Pass
5	12280.225	53.20	1.80	74.0	20.80	Peak	176.00	150	Horizontal	Pass
5**	12280.225	43.47	1.80	54.0	10.53	AV	176.00	150	Horizontal	Pass
6	15521.475	55.25	1.38	74.0	18.75	Peak	360.00	150	Horizontal	Pass
6**	15521.475	45.38	1.38	54.0	8.62	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1451.400	39.20	-17.03	74.0	34.80	Peak	169.00	400	Vertical	Pass
1**	1451.400	28.93	-17.03	54.0	25.07	AV	169.00	400	Vertical	Pass
2	4343.800	50.42	-3.69	74.0	23.58	Peak	340.00	300	Vertical	Pass
2**	4343.800	40.81	-3.69	54.0	13.19	AV	340.00	300	Vertical	Pass
3	5298.800	100.37	-2.90	--	--	Peak	181.00	200	Vertical	N/A
3**	5298.800	92.88	-2.90	--	--	AV	181.00	200	Vertical	N/A
4	7627.038	50.03	-2.71	74.0	23.97	Peak	104.00	300	Vertical	Pass
4**	7627.038	40.03	-2.71	54.0	13.97	AV	104.00	300	Vertical	Pass
5	12262.112	53.16	1.17	74.0	20.84	Peak	216.00	200	Vertical	Pass
5**	12262.112	44.11	1.17	54.0	9.89	AV	216.00	200	Vertical	Pass
6	16033.613	55.65	0.74	74.0	18.35	Peak	239.00	300	Vertical	Pass
6**	16033.613	46.42	0.74	54.0	7.58	AV	239.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.500	39.90	-16.91	74.0	34.10	Peak	77.00	300	Horizontal	Pass
1**	1536.500	29.47	-16.91	54.0	24.53	AV	77.00	300	Horizontal	Pass
2	4380.000	50.34	-3.32	74.0	23.66	Peak	224.00	400	Horizontal	Pass
2**	4380.000	41.07	-3.32	54.0	12.93	AV	224.00	400	Horizontal	Pass
3	5322.400	110.49	-2.00	--	--	Peak	238.00	150	Horizontal	N/A
3**	5322.400	103.32	-2.00	--	--	AV	238.00	150	Horizontal	N/A
4	7343.563	49.82	-3.39	74.0	24.18	Peak	136.00	100	Horizontal	Pass
4**	7343.563	40.94	-3.39	54.0	13.06	AV	136.00	100	Horizontal	Pass
5	11912.225	53.70	1.51	74.0	20.30	Peak	332.00	200	Horizontal	Pass
5**	11912.225	42.54	1.51	54.0	11.46	AV	332.00	200	Horizontal	Pass
6	16134.150	55.90	1.06	74.0	18.10	Peak	84.00	300	Horizontal	Pass
6**	16134.150	46.15	1.06	54.0	7.85	AV	84.00	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	1582.700	38.77	-17.12	74.0	35.23	Peak	319.00	200	Vertical	Pass
1**	1582.700	29.37	-17.12	54.0	24.63	AV	319.00	200	Vertical	Pass
2	4372.800	49.99	-3.94	74.0	24.01	Peak	272.00	100	Vertical	Pass
2**	4372.800	39.95	-3.94	54.0	14.05	AV	272.00	100	Vertical	Pass
3	5318.600	100.57	-2.39	--	--	Peak	146.00	200	Vertical	N/A
3**	5318.600	93.10	-2.39	--	--	AV	146.00	200	Vertical	N/A
4	7346.725	49.56	-3.60	74.0	24.44	Peak	88.00	200	Vertical	Pass
4**	7346.725	41.15	-3.60	54.0	12.85	AV	88.00	200	Vertical	Pass
5	12002.500	52.92	1.28	74.0	21.08	Peak	32.00	200	Vertical	Pass
5**	12002.500	43.80	1.28	54.0	10.20	AV	32.00	200	Vertical	Pass
6	16082.437	55.60	1.59	74.0	18.40	Peak	278.00	300	Vertical	Pass
6**	16082.437	46.18	1.59	54.0	7.82	AV	278.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1607.400	39.22	-17.49	74.0	34.78	Peak	345.00	300	Horizontal	Pass
1**	1607.400	30.04	-17.49	54.0	23.96	AV	345.00	300	Horizontal	Pass
2	4366.400	50.38	-3.85	74.0	23.62	Peak	260.00	300	Horizontal	Pass
2**	4366.400	40.39	-3.85	54.0	13.61	AV	260.00	300	Horizontal	Pass
3	5261.200	110.04	-2.02	--	--	Peak	236.00	100	Horizontal	N/A
3**	5261.200	102.46	-2.02	--	--	AV	236.00	100	Horizontal	N/A
4	7360.813	49.71	-3.81	74.0	24.29	Peak	52.00	300	Horizontal	Pass
4**	7360.813	39.92	-3.81	54.0	14.08	AV	52.00	300	Horizontal	Pass
5	12648.225	52.94	1.03	74.0	21.06	Peak	360.00	150	Horizontal	Pass
5**	12648.225	43.35	1.03	54.0	10.65	AV	360.00	150	Horizontal	Pass
6	16013.138	56.30	0.46	74.0	17.70	Peak	92.00	100	Horizontal	Pass
6**	16013.138	45.48	0.46	54.0	8.52	AV	92.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1452.800	39.41	-17.04	74.0	34.59	Peak	17.00	200	Vertical	Pass
1**	1452.800	30.10	-17.04	54.0	23.90	AV	17.00	200	Vertical	Pass
2	4203.400	49.94	-4.56	74.0	24.06	Peak	248.00	100	Vertical	Pass
2**	4203.400	40.42	-4.56	54.0	13.58	AV	248.00	100	Vertical	Pass
3	5258.600	98.50	-1.77	--	--	Peak	144.00	100	Vertical	N/A
3**	5258.600	91.33	-1.77	--	--	AV	144.00	100	Vertical	N/A
4	7381.800	50.07	-3.37	74.0	23.93	Peak	172.00	200	Vertical	Pass
4**	7381.800	40.92	-3.37	54.0	13.08	AV	172.00	200	Vertical	Pass
5	12398.099	52.81	1.59	74.0	21.19	Peak	229.00	200	Vertical	Pass
5**	12398.099	43.66	1.59	54.0	10.34	AV	229.00	200	Vertical	Pass
6	15661.650	56.21	1.29	74.0	17.79	Peak	166.00	100	Vertical	Pass
6**	15661.650	46.47	1.29	54.0	7.53	AV	166.00	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	1460.100	38.96	-17.07	74.0	35.04	Peak	206.00	300	Horizontal	Pass
1**	1460.100	29.19	-17.07	54.0	24.81	AV	206.00	300	Horizontal	Pass
2	4392.600	50.11	-3.58	74.0	23.89	Peak	10.00	100	Horizontal	Pass
2**	4392.600	40.96	-3.58	54.0	13.04	AV	10.00	100	Horizontal	Pass
3	5301.800	109.74	-2.74	--	--	Peak	235.00	200	Horizontal	N/A
3**	5301.800	102.10	-2.74	--	--	AV	235.00	200	Horizontal	N/A
4	7333.500	49.58	-3.12	74.0	24.42	Peak	161.00	400	Horizontal	Pass
4**	7333.500	41.47	-3.12	54.0	12.53	AV	161.00	400	Horizontal	Pass
5	12325.363	53.06	1.42	74.0	20.94	Peak	360.00	200	Horizontal	Pass
5**	12325.363	43.80	1.42	54.0	10.20	AV	360.00	200	Horizontal	Pass
6	15848.549	56.03	1.34	74.0	17.97	Peak	9.00	300	Horizontal	Pass
6**	15848.549	46.12	1.34	54.0	7.88	AV	9.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.000	38.89	-16.82	74.0	35.11	Peak	15.00	100	Vertical	Pass
1**	1488.000	29.50	-16.82	54.0	24.50	AV	15.00	100	Vertical	Pass
2	4388.400	50.45	-3.40	74.0	23.55	Peak	0.00	100	Vertical	Pass
2**	4388.400	40.87	-3.40	54.0	13.13	AV	0.00	100	Vertical	Pass
3	5298.000	99.18	-2.84	--	--	Peak	179.00	100	Vertical	N/A
3**	5298.000	91.23	-2.84	--	--	AV	179.00	100	Vertical	N/A
4	7335.800	49.42	-3.23	74.0	24.58	Peak	32.00	300	Vertical	Pass
4**	7335.800	41.58	-3.23	54.0	12.42	AV	32.00	300	Vertical	Pass
5	12283.388	52.93	1.78	74.0	21.07	Peak	193.00	150	Vertical	Pass
5**	12283.388	43.87	1.78	54.0	10.13	AV	193.00	150	Vertical	Pass
6	15844.088	55.65	1.38	74.0	18.35	Peak	282.00	200	Vertical	Pass
6**	15844.088	46.94	1.38	54.0	7.06	AV	282.00	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	1504.000	38.89	-16.92	74.0	35.11	Peak	306.00	100	Horizontal	Pass
1**	1504.000	29.54	-16.92	54.0	24.46	AV	306.00	100	Horizontal	Pass
2	4379.600	49.67	-3.30	74.0	24.33	Peak	139.00	100	Horizontal	Pass
2**	4379.600	41.97	-3.30	54.0	12.03	AV	139.00	100	Horizontal	Pass
3	5321.400	109.44	-2.26	--	--	Peak	226.00	100	Horizontal	N/A
3**	5321.400	102.14	-2.26	--	--	AV	226.00	100	Horizontal	N/A
4	7346.438	49.89	-3.56	74.0	24.11	Peak	148.00	200	Horizontal	Pass
4**	7346.438	40.49	-3.56	54.0	13.51	AV	148.00	200	Horizontal	Pass
5	12261.826	53.79	1.15	74.0	20.21	Peak	360.00	100	Horizontal	Pass
5**	12261.826	43.96	1.15	54.0	10.04	AV	360.00	100	Horizontal	Pass
6	15865.088	55.62	0.81	74.0	18.38	Peak	240.00	200	Horizontal	Pass
6**	15865.088	46.12	0.81	54.0	7.88	AV	240.00	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	1496.000	38.70	-16.84	74.0	35.30	Peak	150.00	300	Vertical	Pass
1**	1496.000	29.63	-16.84	54.0	24.37	AV	150.00	300	Vertical	Pass
2	4377.400	50.42	-3.58	74.0	23.58	Peak	4.00	300	Vertical	Pass
2**	4377.400	41.40	-3.58	54.0	12.60	AV	4.00	300	Vertical	Pass
3	5318.600	99.02	-2.39	--	--	Peak	180.00	150	Vertical	N/A
3**	5318.600	92.26	-2.39	--	--	AV	180.00	150	Vertical	N/A
4	7340.400	49.88	-3.01	74.0	24.12	Peak	63.00	300	Vertical	Pass
4**	7340.400	40.83	-3.01	54.0	13.17	AV	63.00	300	Vertical	Pass
5	12614.300	53.22	1.88	74.0	20.78	Peak	121.00	100	Vertical	Pass
5**	12614.300	44.84	1.88	54.0	9.16	AV	121.00	100	Vertical	Pass
6	16138.350	55.75	1.04	74.0	18.25	Peak	0.00	100	Vertical	Pass
6**	16138.350	45.31	1.04	54.0	8.69	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.500	38.93	-17.32	74.0	35.07	Peak	155.00	400	Horizontal	Pass
1**	1598.500	29.63	-17.32	54.0	24.37	AV	155.00	400	Horizontal	Pass
2	4185.400	49.54	-4.65	74.0	24.46	Peak	138.00	300	Horizontal	Pass
2**	4185.400	40.43	-4.65	54.0	13.57	AV	138.00	300	Horizontal	Pass
3	5268.200	106.18	-2.63	--	--	Peak	228.00	150	Horizontal	N/A
3**	5268.200	98.49	-2.63	--	--	AV	228.00	150	Horizontal	N/A
4	7275.138	49.84	-2.95	74.0	24.16	Peak	360.00	100	Horizontal	Pass
4**	7275.138	39.93	-2.95	54.0	14.07	AV	360.00	100	Horizontal	Pass
5	11998.188	53.00	1.25	74.0	21.00	Peak	360.00	100	Horizontal	Pass
5**	11998.188	42.69	1.25	54.0	11.31	AV	360.00	100	Horizontal	Pass
6	16174.312	56.07	1.30	74.0	17.93	Peak	199.00	400	Horizontal	Pass
6**	16174.312	46.36	1.30	54.0	7.64	AV	199.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.900	39.38	-16.85	74.0	34.62	Peak	257.00	300	Vertical	Pass
1**	1621.900	29.84	-16.85	54.0	24.16	AV	257.00	300	Vertical	Pass
2	4356.000	50.20	-4.17	74.0	23.80	Peak	237.00	400	Vertical	Pass
2**	4356.000	40.42	-4.17	54.0	13.58	AV	237.00	400	Vertical	Pass
3	5273.000	94.72	-2.65	--	--	Peak	162.00	200	Vertical	N/A
3**	5273.000	86.97	-2.65	--	--	AV	162.00	200	Vertical	N/A
4	7337.525	49.85	-2.90	74.0	24.15	Peak	360.00	100	Vertical	Pass
4**	7337.525	41.16	-2.90	54.0	12.84	AV	360.00	100	Vertical	Pass
5	12292.300	53.63	1.62	74.0	20.37	Peak	105.00	100	Vertical	Pass
5**	12292.300	43.95	1.62	54.0	10.05	AV	105.00	100	Vertical	Pass
6	16064.850	56.08	1.14	74.0	17.92	Peak	0.00	300	Vertical	Pass
6**	16064.850	46.19	1.14	54.0	7.81	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.600	38.72	-16.91	74.0	35.28	Peak	319.00	200	Horizontal	Pass
1**	1483.600	29.28	-16.91	54.0	24.72	AV	319.00	200	Horizontal	Pass
2	4379.400	49.88	-3.32	74.0	24.12	Peak	0.00	200	Horizontal	Pass
2**	4379.400	41.34	-3.32	54.0	12.66	AV	0.00	200	Horizontal	Pass
3	5308.200	106.17	-2.30	--	--	Peak	234.00	100	Horizontal	N/A
3**	5308.200	99.17	-2.30	--	--	AV	234.00	100	Horizontal	N/A
4	7337.238	49.57	-2.96	74.0	24.43	Peak	304.00	400	Horizontal	Pass
4**	7337.238	41.16	-2.96	54.0	12.84	AV	304.00	400	Horizontal	Pass
5	12237.100	53.38	1.12	74.0	20.62	Peak	360.00	100	Horizontal	Pass
5**	12237.100	44.76	1.12	54.0	9.24	AV	360.00	100	Horizontal	Pass
6	15652.200	56.57	1.18	74.0	17.43	Peak	0.00	400	Horizontal	Pass
6**	15652.200	47.18	1.18	54.0	6.82	AV	0.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.700	38.83	-16.93	74.0	35.17	Peak	266.00	300	Vertical	Pass
1**	1496.700	29.87	-16.93	54.0	24.13	AV	266.00	300	Vertical	Pass
2	4351.600	49.87	-4.46	74.0	24.13	Peak	308.00	200	Vertical	Pass
2**	4351.600	40.06	-4.46	54.0	13.94	AV	308.00	200	Vertical	Pass
3	5311.600	96.13	-2.35	--	--	Peak	157.00	150	Vertical	N/A
3**	5311.600	88.84	-2.35	--	--	AV	157.00	150	Vertical	N/A
4	7340.687	50.41	-3.04	74.0	23.59	Peak	55.00	300	Vertical	Pass
4**	7340.687	41.67	-3.04	54.0	12.33	AV	55.00	300	Vertical	Pass
5	12288.850	52.76	1.69	74.0	21.24	Peak	235.00	150	Vertical	Pass
5**	12288.850	44.26	1.69	54.0	9.74	AV	235.00	150	Vertical	Pass
6	15841.200	55.64	1.43	74.0	18.36	Peak	0.00	200	Vertical	Pass
6**	15841.200	46.29	1.43	54.0	7.71	AV	0.00	200	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	1452.600	39.22	-17.03	74.0	34.78	Peak	337.00	100	Horizontal	Pass
1**	1452.600	29.33	-17.03	54.0	24.67	AV	337.00	100	Horizontal	Pass
2	4287.200	50.23	-4.44	74.0	23.77	Peak	258.00	200	Horizontal	Pass
2**	4287.200	40.17	-4.44	54.0	13.83	AV	258.00	200	Horizontal	Pass
3	5259.000	109.61	-1.76	--	--	Peak	224.00	150	Horizontal	N/A
3**	5259.000	102.42	-1.76	--	--	AV	224.00	150	Horizontal	N/A
4	7688.850	49.36	-2.30	74.0	24.64	Peak	44.00	100	Horizontal	Pass
4**	7688.850	39.52	-2.30	54.0	14.48	AV	44.00	100	Horizontal	Pass
5	11796.650	53.04	0.90	74.0	20.96	Peak	315.00	200	Horizontal	Pass
5**	11796.650	42.64	0.90	54.0	11.36	AV	315.00	200	Horizontal	Pass
6	15861.675	55.39	0.89	74.0	18.61	Peak	0.00	200	Horizontal	Pass
6**	15861.675	45.80	0.89	54.0	8.20	AV	0.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1576.500	39.50	-17.35	74.0	34.50	Peak	81.00	400	Vertical	Pass
1**	1576.500	29.26	-17.35	54.0	24.74	AV	81.00	400	Vertical	Pass
2	4380.800	50.58	-3.46	74.0	23.42	Peak	25.00	400	Vertical	Pass
2**	4380.800	40.84	-3.46	54.0	13.16	AV	25.00	400	Vertical	Pass
3	5261.400	98.55	-2.05	--	--	Peak	131.00	200	Vertical	N/A
3**	5261.400	90.60	-2.05	--	--	AV	131.00	200	Vertical	N/A
4	7442.175	49.87	-3.37	74.0	24.13	Peak	150.00	400	Vertical	Pass
4**	7442.175	40.17	-3.37	54.0	13.83	AV	150.00	400	Vertical	Pass
5	12280.800	53.10	1.80	74.0	20.90	Peak	150.00	200	Vertical	Pass
5**	12280.800	44.43	1.80	54.0	9.57	AV	150.00	200	Vertical	Pass
6	15845.401	56.19	1.37	74.0	17.81	Peak	123.00	200	Vertical	Pass
6**	15845.401	46.44	1.37	54.0	7.56	AV	123.00	200	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	1518.100	38.71	-17.18	74.0	35.29	Peak	265.00	400	Horizontal	Pass
1**	1518.100	29.05	-17.18	54.0	24.95	AV	265.00	400	Horizontal	Pass
2	4380.000	49.91	-3.32	74.0	24.09	Peak	131.00	100	Horizontal	Pass
2**	4380.000	41.41	-3.32	54.0	12.59	AV	131.00	100	Horizontal	Pass
3	5302.000	109.43	-2.72	--	--	Peak	219.00	200	Horizontal	N/A
3**	5302.000	101.89	-2.72	--	--	AV	219.00	200	Horizontal	N/A
4	7367.138	49.97	-3.72	74.0	24.03	Peak	227.00	400	Horizontal	Pass
4**	7367.138	40.40	-3.72	54.0	13.60	AV	227.00	400	Horizontal	Pass
5	12410.463	53.60	1.44	74.0	20.40	Peak	334.00	150	Horizontal	Pass
5**	12410.463	43.52	1.44	54.0	10.48	AV	334.00	150	Horizontal	Pass
6	15619.387	55.83	1.61	74.0	18.17	Peak	252.00	300	Horizontal	Pass
6**	15619.387	45.95	1.61	54.0	8.05	AV	252.00	300	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	1505.100	39.62	-16.84	74.0	34.38	Peak	81.00	400	Vertical	Pass
1**	1505.100	29.65	-16.84	54.0	24.35	AV	81.00	400	Vertical	Pass
2	4375.600	50.13	-4.18	74.0	23.87	Peak	219.00	200	Vertical	Pass
2**	4375.600	40.59	-4.18	54.0	13.41	AV	219.00	200	Vertical	Pass
3	5298.800	98.90	-2.90	--	--	Peak	180.00	100	Vertical	N/A
3**	5298.800	91.44	-2.90	--	--	AV	180.00	100	Vertical	N/A
4	7355.350	49.94	-3.78	74.0	24.06	Peak	71.00	300	Vertical	Pass
4**	7355.350	40.42	-3.78	54.0	13.58	AV	71.00	300	Vertical	Pass
5	12293.737	53.80	1.60	74.0	20.20	Peak	108.00	100	Vertical	Pass
5**	12293.737	43.76	1.60	54.0	10.24	AV	108.00	100	Vertical	Pass
6	15392.588	55.79	0.61	74.0	18.21	Peak	86.00	200	Vertical	Pass
6**	15392.588	47.41	0.61	54.0	6.59	AV	86.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.500	39.43	-16.77	74.0	34.57	Peak	176.00	300	Horizontal	Pass
1**	1490.500	29.57	-16.77	54.0	24.43	AV	176.00	300	Horizontal	Pass
2	4380.200	51.20	-3.35	74.0	22.80	Peak	45.00	300	Horizontal	Pass
2**	4380.200	41.36	-3.35	54.0	12.64	AV	45.00	300	Horizontal	Pass
3	5318.200	109.21	-2.44	--	--	Peak	224.00	150	Horizontal	N/A
3**	5318.200	101.89	-2.44	--	--	AV	224.00	150	Horizontal	N/A
4	7465.462	49.71	-3.40	74.0	24.29	Peak	243.00	300	Horizontal	Pass
4**	7465.462	40.09	-3.40	54.0	13.91	AV	243.00	300	Horizontal	Pass
5	12607.974	53.01	1.90	74.0	20.99	Peak	137.00	200	Horizontal	Pass
5**	12607.974	44.57	1.90	54.0	9.43	AV	137.00	200	Horizontal	Pass
6	15791.588	55.50	2.06	74.0	18.50	Peak	242.00	400	Horizontal	Pass
6**	15791.588	46.60	2.06	54.0	7.40	AV	242.00	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	1574.400	38.84	-17.13	74.0	35.16	Peak	333.00	400	Vertical	Pass
1**	1574.400	29.25	-17.13	54.0	24.75	AV	333.00	400	Vertical	Pass
2	4298.400	49.69	-4.07	74.0	24.31	Peak	218.00	300	Vertical	Pass
2**	4298.400	40.31	-4.07	54.0	13.69	AV	218.00	300	Vertical	Pass
3	5321.400	99.67	-2.26	--	--	Peak	163.00	100	Vertical	N/A
3**	5321.400	92.29	-2.26	--	--	AV	163.00	100	Vertical	N/A
4	7620.137	49.66	-2.58	74.0	24.34	Peak	100.00	300	Vertical	Pass
4**	7620.137	40.08	-2.58	54.0	13.92	AV	100.00	300	Vertical	Pass
5	12283.675	53.19	1.78	74.0	20.81	Peak	239.00	150	Vertical	Pass
5**	12283.675	43.88	1.78	54.0	10.12	AV	239.00	150	Vertical	Pass
6	15783.713	55.86	1.74	74.0	18.14	Peak	360.00	100	Vertical	Pass
6**	15783.713	45.89	1.74	54.0	8.11	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.700	39.03	-17.12	74.0	34.97	Peak	99.00	400	Horizontal	Pass
1**	1596.700	30.04	-17.12	54.0	23.96	AV	99.00	400	Horizontal	Pass
2	4378.800	50.10	-3.38	74.0	23.90	Peak	23.00	300	Horizontal	Pass
2**	4378.800	41.18	-3.38	54.0	12.82	AV	23.00	300	Horizontal	Pass
3	5274.000	106.98	-2.61	--	--	Peak	238.00	100	Horizontal	N/A
3**	5274.000	98.90	-2.61	--	--	AV	238.00	100	Horizontal	N/A
4	7363.400	50.01	-3.76	74.0	23.99	Peak	232.00	400	Horizontal	Pass
4**	7363.400	39.97	-3.76	54.0	14.03	AV	232.00	400	Horizontal	Pass
5	12497.863	53.29	1.65	74.0	20.71	Peak	360.00	200	Horizontal	Pass
5**	12497.863	42.84	1.65	54.0	11.16	AV	360.00	200	Horizontal	Pass
6	15846.450	55.74	1.36	74.0	18.26	Peak	360.00	100	Horizontal	Pass
6**	15846.450	46.70	1.36	54.0	7.30	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.300	39.03	-17.19	74.0	34.97	Peak	224.00	100	Vertical	Pass
1**	1479.300	29.37	-17.19	54.0	24.63	AV	224.00	100	Vertical	Pass
2	4278.400	50.13	-4.53	74.0	23.87	Peak	5.00	100	Vertical	Pass
2**	4278.400	40.31	-4.53	54.0	13.69	AV	5.00	100	Vertical	Pass
3	5271.600	95.91	-2.61	--	--	Peak	154.00	200	Vertical	N/A
3**	5271.600	88.29	-2.61	--	--	AV	154.00	200	Vertical	N/A
4	7337.812	49.39	-2.88	74.0	24.61	Peak	219.00	400	Vertical	Pass
4**	7337.812	41.66	-2.88	54.0	12.34	AV	219.00	400	Vertical	Pass
5	11934.937	53.06	1.69	74.0	20.94	Peak	159.00	100	Vertical	Pass
5**	11934.937	44.52	1.69	54.0	9.48	AV	159.00	100	Vertical	Pass
6	16179.037	56.08	1.47	74.0	17.92	Peak	298.00	200	Vertical	Pass
6**	16179.037	45.80	1.47	54.0	8.20	AV	298.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.600	38.79	-17.15	74.0	35.21	Peak	21.00	200	Horizontal	Pass
1**	1480.600	29.80	-17.15	54.0	24.20	AV	21.00	200	Horizontal	Pass
2	4382.000	49.80	-3.64	74.0	24.20	Peak	177.00	400	Horizontal	Pass
2**	4382.000	40.63	-3.64	54.0	13.37	AV	177.00	400	Horizontal	Pass
3	5308.400	106.04	-2.28	--	--	Peak	228.00	100	Horizontal	N/A
3**	5308.400	99.05	-2.28	--	--	AV	228.00	100	Horizontal	N/A
4	7618.413	49.79	-2.72	74.0	24.21	Peak	141.00	200	Horizontal	Pass
4**	7618.413	40.42	-2.72	54.0	13.58	AV	141.00	200	Horizontal	Pass
5	12288.275	52.95	1.70	74.0	21.05	Peak	205.00	100	Horizontal	Pass
5**	12288.275	43.49	1.70	54.0	10.51	AV	205.00	100	Horizontal	Pass
6	16082.437	55.50	1.59	74.0	18.50	Peak	27.00	400	Horizontal	Pass
6**	16082.437	46.71	1.59	54.0	7.29	AV	27.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.800	39.04	-16.78	74.0	34.96	Peak	212.00	400	Vertical	Pass
1**	1488.800	29.41	-16.78	54.0	24.59	AV	212.00	400	Vertical	Pass
2	4375.600	49.90	-4.18	74.0	24.10	Peak	248.00	100	Vertical	Pass
2**	4375.600	40.45	-4.18	54.0	13.55	AV	248.00	100	Vertical	Pass
3	5311.800	96.04	-2.35	--	--	Peak	165.00	200	Vertical	N/A
3**	5311.800	88.84	-2.35	--	--	AV	165.00	200	Vertical	N/A
4	7339.825	49.37	-2.95	74.0	24.63	Peak	29.00	100	Vertical	Pass
4**	7339.825	40.77	-2.95	54.0	13.23	AV	29.00	100	Vertical	Pass
5	12296.612	53.10	1.54	74.0	20.90	Peak	0.00	150	Vertical	Pass
5**	12296.612	43.91	1.54	54.0	10.09	AV	0.00	150	Vertical	Pass
6	15390.750	56.12	0.57	74.0	17.88	Peak	157.00	300	Vertical	Pass
6**	15390.750	45.38	0.57	54.0	8.62	AV	157.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.100	38.86	-17.06	74.0	35.14	Peak	267.00	400	Horizontal	Pass
1**	1442.100	29.82	-17.06	54.0	24.18	AV	267.00	400	Horizontal	Pass
2	4373.000	50.04	-3.89	74.0	23.96	Peak	216.00	200	Horizontal	Pass
2**	4373.000	41.05	-3.89	54.0	12.95	AV	216.00	200	Horizontal	Pass
3	5278.200	102.24	-2.44	--	--	Peak	237.00	150	Horizontal	N/A
3**	5278.200	93.74	-2.44	--	--	AV	237.00	150	Horizontal	N/A
4	7691.150	49.62	-2.44	74.0	24.38	Peak	200.00	400	Horizontal	Pass
4**	7691.150	39.99	-2.44	54.0	14.01	AV	200.00	400	Horizontal	Pass
5	12580.088	53.03	1.64	74.0	20.97	Peak	164.00	100	Horizontal	Pass
5**	12580.088	43.35	1.64	54.0	10.65	AV	164.00	100	Horizontal	Pass
6	16095.037	55.41	1.32	74.0	18.59	Peak	307.00	400	Horizontal	Pass
6**	16095.037	46.46	1.32	54.0	7.54	AV	307.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.500	39.70	-16.80	74.0	34.30	Peak	53.00	200	Vertical	Pass
1**	1484.500	30.37	-16.80	54.0	23.63	AV	53.00	200	Vertical	Pass
2	4275.800	49.96	-4.93	74.0	24.04	Peak	318.00	200	Vertical	Pass
2**	4275.800	39.50	-4.93	54.0	14.50	AV	318.00	200	Vertical	Pass
3	5295.600	91.60	-2.94	--	--	Peak	157.00	100	Vertical	N/A
3**	5295.600	82.19	-2.94	--	--	AV	157.00	100	Vertical	N/A
4	7340.112	49.99	-2.98	74.0	24.01	Peak	145.00	100	Vertical	Pass
4**	7340.112	40.72	-2.98	54.0	13.28	AV	145.00	100	Vertical	Pass
5	12293.162	52.89	1.61	74.0	21.11	Peak	37.00	150	Vertical	Pass
5**	12293.162	43.83	1.61	54.0	10.17	AV	37.00	150	Vertical	Pass
6	15490.763	56.54	0.96	74.0	17.46	Peak	133.00	400	Vertical	Pass
6**	15490.763	47.17	0.96	54.0	6.83	AV	133.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.600	38.75	-16.89	74.0	35.25	Peak	150.00	400	Horizontal	Pass
1**	1536.600	29.55	-16.89	54.0	24.45	AV	150.00	400	Horizontal	Pass
2	4367.400	50.37	-3.83	74.0	23.63	Peak	96.00	400	Horizontal	Pass
2**	4367.400	41.73	-3.83	54.0	12.27	AV	96.00	400	Horizontal	Pass
3	5501.800	109.25	-1.38	--	--	Peak	218.00	150	Horizontal	N/A
3**	5501.800	102.45	-1.38	--	--	AV	218.00	150	Horizontal	N/A
4	7330.050	49.37	-3.48	74.0	24.63	Peak	0.00	400	Horizontal	Pass
4**	7330.050	41.16	-3.48	54.0	12.84	AV	0.00	400	Horizontal	Pass
5	11926.313	53.11	1.53	74.0	20.89	Peak	195.00	200	Horizontal	Pass
5**	11926.313	43.34	1.53	54.0	10.66	AV	195.00	200	Horizontal	Pass
6	16054.350	55.56	0.78	74.0	18.44	Peak	19.00	200	Horizontal	Pass
6**	16054.350	46.02	0.78	54.0	7.98	AV	19.00	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	1604.300	38.71	-17.45	74.0	35.29	Peak	45.00	300	Vertical	Pass
1**	1604.300	28.99	-17.45	54.0	25.01	AV	45.00	300	Vertical	Pass
2	4259.000	49.55	-4.40	74.0	24.45	Peak	0.00	400	Vertical	Pass
2**	4259.000	40.68	-4.40	54.0	13.32	AV	0.00	400	Vertical	Pass
3	5501.400	103.12	-1.43	--	--	Peak	175.00	150	Vertical	N/A
3**	5501.400	95.35	-1.43	--	--	AV	175.00	150	Vertical	N/A
4	7345.862	49.57	-3.52	74.0	24.43	Peak	276.00	200	Vertical	Pass
4**	7345.862	40.89	-3.52	54.0	13.11	AV	276.00	200	Vertical	Pass
5	12297.475	53.13	1.53	74.0	20.87	Peak	243.00	200	Vertical	Pass
5**	12297.475	43.44	1.53	54.0	10.56	AV	243.00	200	Vertical	Pass
6	15663.487	55.30	1.32	74.0	18.70	Peak	100.00	100	Vertical	Pass
6**	15663.487	46.15	1.32	54.0	7.85	AV	100.00	100	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	1458.500	38.90	-16.98	74.0	35.10	Peak	185.00	300	Horizontal	Pass
1**	1458.500	29.17	-16.98	54.0	24.83	AV	185.00	300	Horizontal	Pass
2	4365.600	49.90	-3.89	74.0	24.10	Peak	150.00	400	Horizontal	Pass
2**	4365.600	40.66	-3.89	54.0	13.34	AV	150.00	400	Horizontal	Pass
3	5578.400	109.57	-1.60	--	--	Peak	76.00	100	Horizontal	N/A
3**	5578.400	102.34	-1.60	--	--	AV	76.00	100	Horizontal	N/A
4	7343.275	49.56	-3.35	74.0	24.44	Peak	360.00	100	Horizontal	Pass
4**	7343.275	40.75	-3.35	54.0	13.25	AV	360.00	100	Horizontal	Pass
5	12346.063	52.84	1.27	74.0	21.16	Peak	34.00	100	Horizontal	Pass
5**	12346.063	43.54	1.27	54.0	10.46	AV	34.00	100	Horizontal	Pass
6	16071.151	55.81	1.39	74.0	18.19	Peak	360.00	400	Horizontal	Pass
6**	16071.151	46.28	1.39	54.0	7.72	AV	360.00	400	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	1584.600	39.03	-16.93	74.0	34.97	Peak	62.00	300	Vertical	Pass
1**	1584.600	29.21	-16.93	54.0	24.79	AV	62.00	300	Vertical	Pass
2	4279.200	50.08	-4.53	74.0	23.92	Peak	90.00	300	Vertical	Pass
2**	4279.200	40.70	-4.53	54.0	13.30	AV	90.00	300	Vertical	Pass
3	5578.600	103.13	-1.61	--	--	Peak	154.00	200	Vertical	N/A
3**	5578.600	96.33	-1.61	--	--	AV	154.00	200	Vertical	N/A
4	7374.900	49.52	-3.76	74.0	24.48	Peak	0.00	400	Vertical	Pass
4**	7374.900	39.47	-3.76	54.0	14.53	AV	0.00	400	Vertical	Pass
5	12305.237	53.61	1.39	74.0	20.39	Peak	344.00	150	Vertical	Pass
5**	12305.237	43.43	1.39	54.0	10.57	AV	344.00	150	Vertical	Pass
6	16135.200	56.23	1.07	74.0	17.77	Peak	240.00	300	Vertical	Pass
6**	16135.200	45.86	1.07	54.0	8.14	AV	240.00	300	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	1586.100	38.89	-16.85	74.0	35.11	Peak	191.00	200	Horizontal	Pass
1**	1586.100	30.10	-16.85	54.0	23.90	AV	191.00	200	Horizontal	Pass
2	4310.800	49.65	-4.19	74.0	24.35	Peak	342.00	400	Horizontal	Pass
2**	4310.800	39.64	-4.19	54.0	14.36	AV	342.00	400	Horizontal	Pass
3	5701.600	109.64	-1.59	--	--	Peak	73.00	150	Horizontal	N/A
3**	5701.600	101.96	-1.59	--	--	AV	73.00	150	Horizontal	N/A
4	7345.288	49.89	-3.50	74.0	24.11	Peak	31.00	100	Horizontal	Pass
4**	7345.288	41.06	-3.50	54.0	12.94	AV	31.00	100	Horizontal	Pass
5	11333.775	53.14	0.38	74.0	20.86	Peak	319.00	150	Horizontal	Pass
5**	11333.775	43.50	0.38	54.0	10.50	AV	319.00	150	Horizontal	Pass
6	15613.612	55.41	1.42	74.0	18.59	Peak	360.00	150	Horizontal	Pass
6**	15613.612	45.84	1.42	54.0	8.16	AV	360.00	150	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	1484.700	38.65	-16.77	74.0	35.35	Peak	29.00	200	Vertical	Pass
1**	1484.700	29.49	-16.77	54.0	24.51	AV	29.00	200	Vertical	Pass
2	4363.200	49.69	-4.24	74.0	24.31	Peak	332.00	300	Vertical	Pass
2**	4363.200	40.91	-4.24	54.0	13.09	AV	332.00	300	Vertical	Pass
3	5698.200	103.32	-1.08	--	--	Peak	171.00	150	Vertical	N/A
3**	5698.200	96.23	-1.08	--	--	AV	171.00	150	Vertical	N/A
4	7390.138	49.58	-3.93	74.0	24.42	Peak	0.00	100	Vertical	Pass
4**	7390.138	40.38	-3.93	54.0	13.62	AV	0.00	100	Vertical	Pass
5	12619.763	53.07	1.80	74.0	20.93	Peak	167.00	100	Vertical	Pass
5**	12619.763	44.28	1.80	54.0	9.72	AV	167.00	100	Vertical	Pass
6	16014.188	55.96	0.47	74.0	18.04	Peak	245.00	300	Vertical	Pass
6**	16014.188	46.54	0.47	54.0	7.46	AV	245.00	300	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	1585.200	39.25	-16.83	74.0	34.75	Peak	90.00	200	Horizontal	Pass
1**	1585.200	30.20	-16.83	54.0	23.80	AV	90.00	200	Horizontal	Pass
2	4256.200	50.03	-4.63	74.0	23.97	Peak	278.00	400	Horizontal	Pass
2**	4256.200	40.19	-4.63	54.0	13.81	AV	278.00	400	Horizontal	Pass
3	5501.400	108.06	-1.43	--	--	Peak	246.00	100	Horizontal	N/A
3**	5501.400	100.68	-1.43	--	--	AV	246.00	100	Horizontal	N/A
4	7341.837	49.30	-3.15	74.0	24.70	Peak	231.00	300	Horizontal	Pass
4**	7341.837	41.08	-3.15	54.0	12.92	AV	231.00	300	Horizontal	Pass
5	12348.075	52.92	1.25	74.0	21.08	Peak	14.00	200	Horizontal	Pass
5**	12348.075	43.38	1.25	54.0	10.62	AV	14.00	200	Horizontal	Pass
6	16002.900	55.54	0.31	74.0	18.46	Peak	141.00	400	Horizontal	Pass
6**	16002.900	45.19	0.31	54.0	8.81	AV	141.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1546.500	38.76	-17.27	74.0	35.24	Peak	59.00	400	Vertical	Pass
1**	1546.500	29.55	-17.27	54.0	24.45	AV	59.00	400	Vertical	Pass
2	4386.000	49.79	-3.30	74.0	24.21	Peak	318.00	200	Vertical	Pass
2**	4386.000	40.81	-3.30	54.0	13.19	AV	318.00	200	Vertical	Pass
3	5501.200	100.99	-1.47	--	--	Peak	166.00	150	Vertical	N/A
3**	5501.200	93.79	-1.47	--	--	AV	166.00	150	Vertical	N/A
4	7342.125	49.84	-3.19	74.0	24.16	Peak	124.00	100	Vertical	Pass
4**	7342.125	41.30	-3.19	54.0	12.70	AV	124.00	100	Vertical	Pass
5	12417.937	53.06	1.40	74.0	20.94	Peak	280.00	150	Vertical	Pass
5**	12417.937	44.76	1.40	54.0	9.24	AV	280.00	150	Vertical	Pass
6	16009.201	55.52	0.42	74.0	18.48	Peak	0.00	300	Vertical	Pass
6**	16009.201	45.62	0.42	54.0	8.38	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.600	39.28	-17.07	74.0	34.72	Peak	146.00	200	Horizontal	Pass
1**	1572.600	29.05	-17.07	54.0	24.95	AV	146.00	200	Horizontal	Pass
2	4389.400	50.07	-3.35	74.0	23.93	Peak	32.00	200	Horizontal	Pass
2**	4389.400	40.74	-3.35	54.0	13.26	AV	32.00	200	Horizontal	Pass
3	5578.000	108.10	-1.67	--	--	Peak	77.00	150	Horizontal	N/A
3**	5578.000	100.17	-1.67	--	--	AV	77.00	150	Horizontal	N/A
4	7342.413	49.71	-3.23	74.0	24.29	Peak	174.00	100	Horizontal	Pass
4**	7342.413	40.96	-3.23	54.0	13.04	AV	174.00	100	Horizontal	Pass
5	12110.888	52.71	0.56	74.0	21.29	Peak	246.00	150	Horizontal	Pass
5**	12110.888	43.43	0.56	54.0	10.57	AV	246.00	150	Horizontal	Pass
6	16106.849	55.71	0.90	74.0	18.29	Peak	62.00	200	Horizontal	Pass
6**	16106.849	46.86	0.90	54.0	7.14	AV	62.00	200	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	1620.300	39.01	-17.31	74.0	34.99	Peak	206.00	200	Vertical	Pass
1**	1620.300	29.47	-17.31	54.0	24.53	AV	206.00	200	Vertical	Pass
2	3738.200	50.43	-4.86	74.0	23.57	Peak	246.00	200	Vertical	Pass
2**	3738.200	39.99	-4.86	54.0	14.01	AV	246.00	200	Vertical	Pass
3	5578.400	101.47	-1.60	--	--	Peak	178.00	150	Vertical	N/A
3**	5578.400	94.28	-1.60	--	--	AV	178.00	150	Vertical	N/A
4	7339.537	49.58	-2.93	74.0	24.42	Peak	170.00	300	Vertical	Pass
4**	7339.537	41.45	-2.93	54.0	12.55	AV	170.00	300	Vertical	Pass
5	12051.951	52.98	1.03	74.0	21.02	Peak	257.00	150	Vertical	Pass
5**	12051.951	43.59	1.03	54.0	10.41	AV	257.00	150	Vertical	Pass
6	15844.350	56.55	1.38	74.0	17.45	Peak	0.00	100	Vertical	Pass
6**	15844.350	46.40	1.38	54.0	7.60	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1478.600	38.67	-17.19	74.0	35.33	Peak	201.00	100	Horizontal	Pass
1**	1478.600	29.56	-17.19	54.0	24.44	AV	201.00	100	Horizontal	Pass
2	4059.800	49.62	-4.87	74.0	24.38	Peak	213.00	300	Horizontal	Pass
2**	4059.800	39.11	-4.87	54.0	14.89	AV	213.00	300	Horizontal	Pass
3	5698.000	107.47	-1.11	--	--	Peak	63.00	150	Horizontal	N/A
3**	5698.000	100.37	-1.11	--	--	AV	63.00	150	Horizontal	N/A
4	7379.500	49.41	-3.47	74.0	24.59	Peak	0.00	200	Horizontal	Pass
4**	7379.500	40.51	-3.47	54.0	13.49	AV	0.00	200	Horizontal	Pass
5	12333.412	53.47	1.37	74.0	20.53	Peak	343.00	150	Horizontal	Pass
5**	12333.412	43.76	1.37	54.0	10.24	AV	343.00	150	Horizontal	Pass
6	15794.213	56.31	2.14	74.0	17.69	Peak	265.00	100	Horizontal	Pass
6**	15794.213	46.14	2.14	54.0	7.86	AV	265.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.200	38.90	-16.82	74.0	35.10	Peak	151.00	100	Vertical	Pass
1**	1491.200	29.72	-16.82	54.0	24.28	AV	151.00	100	Vertical	Pass
2	4238.400	50.13	-4.13	74.0	23.87	Peak	246.00	300	Vertical	Pass
2**	4238.400	39.86	-4.13	54.0	14.14	AV	246.00	300	Vertical	Pass
3	5698.600	102.18	-1.03	--	--	Peak	224.00	200	Vertical	N/A
3**	5698.600	95.26	-1.03	--	--	AV	224.00	200	Vertical	N/A
4	7319.700	50.58	-3.04	74.0	23.42	Peak	356.00	300	Vertical	Pass
4**	7319.700	40.48	-3.04	54.0	13.52	AV	356.00	300	Vertical	Pass
5	12604.526	52.65	1.91	74.0	21.35	Peak	63.00	150	Vertical	Pass
5**	12604.526	43.62	1.91	54.0	10.38	AV	63.00	150	Vertical	Pass
6	15848.287	56.15	1.34	74.0	17.85	Peak	327.00	300	Vertical	Pass
6**	15848.287	46.85	1.34	54.0	7.15	AV	327.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.300	38.71	-16.80	74.0	35.29	Peak	301.00	200	Horizontal	Pass
1**	1488.300	29.91	-16.80	54.0	24.09	AV	301.00	200	Horizontal	Pass
2	4379.000	50.01	-3.36	74.0	23.99	Peak	0.00	200	Horizontal	Pass
2**	4379.000	41.12	-3.36	54.0	12.88	AV	0.00	200	Horizontal	Pass
3	5507.600	104.10	-0.95	--	--	Peak	79.00	200	Horizontal	N/A
3**	5507.600	96.67	-0.95	--	--	AV	79.00	200	Horizontal	N/A
4	7319.413	49.60	-3.03	74.0	24.40	Peak	252.00	200	Horizontal	Pass
4**	7319.413	41.36	-3.03	54.0	12.64	AV	252.00	200	Horizontal	Pass
5	12326.799	53.66	1.42	74.0	20.34	Peak	300.00	150	Horizontal	Pass
5**	12326.799	43.49	1.42	54.0	10.51	AV	300.00	150	Horizontal	Pass
6	15792.375	55.97	2.08	74.0	18.03	Peak	120.00	200	Horizontal	Pass
6**	15792.375	46.48	2.08	54.0	7.52	AV	120.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.200	38.79	-17.11	74.0	35.21	Peak	329.00	400	Vertical	Pass
1**	1529.200	29.19	-17.11	54.0	24.81	AV	329.00	400	Vertical	Pass
2	4374.400	49.66	-4.00	74.0	24.34	Peak	360.00	200	Vertical	Pass
2**	4374.400	41.20	-4.00	54.0	12.80	AV	360.00	200	Vertical	Pass
3	5512.000	97.97	-0.93	--	--	Peak	172.00	100	Vertical	N/A
3**	5512.000	90.33	-0.93	--	--	AV	172.00	100	Vertical	N/A
4	7337.238	49.79	-2.96	74.0	24.21	Peak	109.00	200	Vertical	Pass
4**	7337.238	40.56	-2.96	54.0	13.44	AV	109.00	200	Vertical	Pass
5	11770.488	52.71	1.28	74.0	21.29	Peak	252.00	150	Vertical	Pass
5**	11770.488	43.36	1.28	54.0	10.64	AV	252.00	150	Vertical	Pass
6	15502.838	56.09	1.23	74.0	17.91	Peak	158.00	200	Vertical	Pass
6**	15502.838	45.44	1.23	54.0	8.56	AV	158.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.100	38.52	-17.06	74.0	35.48	Peak	217.00	400	Horizontal	Pass
1**	1442.100	29.54	-17.06	54.0	24.46	AV	217.00	400	Horizontal	Pass
2	4344.000	50.00	-3.77	74.0	24.00	Peak	176.00	200	Horizontal	Pass
2**	4344.000	40.61	-3.77	54.0	13.39	AV	176.00	200	Horizontal	Pass
3	5588.400	104.62	-1.84	--	--	Peak	82.00	150	Horizontal	N/A
3**	5588.400	97.73	-1.84	--	--	AV	82.00	150	Horizontal	N/A
4	7285.775	49.68	-3.48	74.0	24.32	Peak	93.00	400	Horizontal	Pass
4**	7285.775	41.42	-3.48	54.0	12.58	AV	93.00	400	Horizontal	Pass
5	12281.375	53.23	1.80	74.0	20.77	Peak	126.00	100	Horizontal	Pass
5**	12281.375	44.65	1.80	54.0	9.35	AV	126.00	100	Horizontal	Pass
6	15801.825	55.63	2.31	74.0	18.37	Peak	264.00	400	Horizontal	Pass
6**	15801.825	46.02	2.31	54.0	7.98	AV	264.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.200	38.97	-16.84	74.0	35.03	Peak	119.00	300	Vertical	Pass
1**	1484.200	29.77	-16.84	54.0	24.23	AV	119.00	300	Vertical	Pass
2	4385.400	49.86	-3.40	74.0	24.14	Peak	98.00	400	Vertical	Pass
2**	4385.400	40.41	-3.40	54.0	13.59	AV	98.00	400	Vertical	Pass
3	5593.000	97.87	-2.22	--	--	Peak	174.00	100	Vertical	N/A
3**	5593.000	90.40	-2.22	--	--	AV	174.00	100	Vertical	N/A
4	7680.800	50.54	-2.54	74.0	23.46	Peak	45.00	400	Vertical	Pass
4**	7680.800	40.04	-2.54	54.0	13.96	AV	45.00	400	Vertical	Pass
5	12620.625	52.76	1.77	74.0	21.24	Peak	208.00	100	Vertical	Pass
5**	12620.625	44.05	1.77	54.0	9.95	AV	208.00	100	Vertical	Pass
6	16105.800	56.22	0.94	74.0	17.78	Peak	50.00	300	Vertical	Pass
6**	16105.800	46.17	0.94	54.0	7.83	AV	50.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.700	38.61	-17.36	74.0	35.39	Peak	30.00	400	Horizontal	Pass
1**	1598.700	29.32	-17.36	54.0	24.68	AV	30.00	400	Horizontal	Pass
2	4379.000	50.19	-3.36	74.0	23.81	Peak	9.00	300	Horizontal	Pass
2**	4379.000	41.17	-3.36	54.0	12.83	AV	9.00	300	Horizontal	Pass
3	5672.200	104.85	-2.26	--	--	Peak	72.00	100	Horizontal	N/A
3**	5672.200	97.02	-2.26	--	--	AV	72.00	100	Horizontal	N/A
4	7343.850	49.70	-3.43	74.0	24.30	Peak	273.00	300	Horizontal	Pass
4**	7343.850	40.59	-3.43	54.0	13.41	AV	273.00	300	Horizontal	Pass
5	11677.338	53.25	0.22	74.0	20.75	Peak	207.00	150	Horizontal	Pass
5**	11677.338	43.76	0.22	54.0	10.24	AV	207.00	150	Horizontal	Pass
6	15610.463	55.83	1.28	74.0	18.17	Peak	85.00	400	Horizontal	Pass
6**	15610.463	45.76	1.28	54.0	8.24	AV	85.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.000	39.43	-16.73	74.0	34.57	Peak	73.00	300	Vertical	Pass
1**	1490.000	29.71	-16.73	54.0	24.29	AV	73.00	300	Vertical	Pass
2	4130.400	49.94	-5.19	74.0	24.06	Peak	73.00	200	Vertical	Pass
2**	4130.400	40.06	-5.19	54.0	13.94	AV	73.00	200	Vertical	Pass
3	5668.000	97.86	-2.62	--	--	Peak	137.00	100	Vertical	N/A
3**	5668.000	90.08	-2.62	--	--	AV	137.00	100	Vertical	N/A
4	7340.400	50.08	-3.01	74.0	23.92	Peak	360.00	100	Vertical	Pass
4**	7340.400	41.60	-3.01	54.0	12.40	AV	360.00	100	Vertical	Pass
5	12099.963	54.49	0.56	74.0	19.51	Peak	360.00	150	Vertical	Pass
5**	12099.963	43.90	0.56	54.0	10.10	AV	360.00	150	Vertical	Pass
6	15782.138	56.08	1.65	74.0	17.92	Peak	175.00	400	Vertical	Pass
6**	15782.138	46.26	1.65	54.0	7.74	AV	175.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1470.100	38.86	-17.36	74.0	35.14	Peak	3.00	300	Horizontal	Pass
1**	1470.100	29.21	-17.36	54.0	24.79	AV	3.00	300	Horizontal	Pass
2	4368.800	50.49	-3.88	74.0	23.51	Peak	342.00	400	Horizontal	Pass
2**	4368.800	41.12	-3.88	54.0	12.88	AV	342.00	400	Horizontal	Pass
3	5502.600	108.21	-1.37	--	--	Peak	74.00	150	Horizontal	N/A
3**	5502.600	100.73	-1.37	--	--	AV	74.00	150	Horizontal	N/A
4	7343.275	50.09	-3.35	74.0	23.91	Peak	125.00	400	Horizontal	Pass
4**	7343.275	40.76	-3.35	54.0	13.24	AV	125.00	400	Horizontal	Pass
5	11929.475	52.96	1.56	74.0	21.04	Peak	142.00	150	Horizontal	Pass
5**	11929.475	42.84	1.56	54.0	11.16	AV	142.00	150	Horizontal	Pass
6	15836.738	55.99	1.45	74.0	18.01	Peak	140.00	300	Horizontal	Pass
6**	15836.738	46.31	1.45	54.0	7.69	AV	140.00	300	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	1456.100	38.61	-17.23	74.0	35.39	Peak	9.00	200	Vertical	Pass
1**	1456.100	29.76	-17.23	54.0	24.24	AV	9.00	200	Vertical	Pass
2	4184.400	49.75	-4.50	74.0	24.25	Peak	84.00	300	Vertical	Pass
2**	4184.400	40.39	-4.50	54.0	13.61	AV	84.00	300	Vertical	Pass
3	5501.000	100.99	-1.50	--	--	Peak	176.00	200	Vertical	N/A
3**	5501.000	93.50	-1.50	--	--	AV	176.00	200	Vertical	N/A
4	7335.800	50.60	-3.23	74.0	23.40	Peak	221.00	100	Vertical	Pass
4**	7335.800	40.40	-3.23	54.0	13.60	AV	221.00	100	Vertical	Pass
5	12294.025	53.10	1.59	74.0	20.90	Peak	141.00	100	Vertical	Pass
5**	12294.025	44.15	1.59	54.0	9.85	AV	141.00	100	Vertical	Pass
6	16026.000	55.72	0.68	74.0	18.28	Peak	360.00	300	Vertical	Pass
6**	16026.000	46.12	0.68	54.0	7.88	AV	360.00	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	1491.300	38.67	-16.83	74.0	35.33	Peak	255.00	300	Horizontal	Pass
1**	1491.300	29.52	-16.83	54.0	24.48	AV	255.00	300	Horizontal	Pass
2	4179.400	49.90	-4.88	74.0	24.10	Peak	270.00	300	Horizontal	Pass
2**	4179.400	40.22	-4.88	54.0	13.78	AV	270.00	300	Horizontal	Pass
3	5581.400	107.53	-1.71	--	--	Peak	73.00	100	Horizontal	N/A
3**	5581.400	99.92	-1.71	--	--	AV	73.00	100	Horizontal	N/A
4	7382.950	49.61	-3.44	74.0	24.39	Peak	192.00	200	Horizontal	Pass
4**	7382.950	40.35	-3.44	54.0	13.65	AV	192.00	200	Horizontal	Pass
5	12243.425	53.69	1.03	74.0	20.31	Peak	272.00	200	Horizontal	Pass
5**	12243.425	43.13	1.03	54.0	10.87	AV	272.00	200	Horizontal	Pass
6	16064.850	55.83	1.14	74.0	18.17	Peak	0.00	300	Horizontal	Pass
6**	16064.850	46.64	1.14	54.0	7.36	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1557.400	38.77	-17.03	74.0	35.23	Peak	30.00	400	Vertical	Pass
1**	1557.400	29.20	-17.03	54.0	24.80	AV	30.00	400	Vertical	Pass
2	4389.000	50.88	-3.37	74.0	23.12	Peak	198.00	100	Vertical	Pass
2**	4389.000	40.50	-3.37	54.0	13.50	AV	198.00	100	Vertical	Pass
3	5577.600	101.87	-1.80	--	--	Peak	176.00	100	Vertical	Pass
3**	5577.600	94.60	-1.80	--	--	AV	176.00	100	Vertical	N/A
4	7353.913	50.21	-3.79	74.0	23.79	Peak	125.00	100	Vertical	Pass
4**	7353.913	40.07	-3.79	54.0	13.93	AV	125.00	100	Vertical	Pass
5	12292.300	53.12	1.62	74.0	20.88	Peak	271.00	200	Vertical	Pass
5**	12292.300	44.28	1.62	54.0	9.72	AV	271.00	200	Vertical	Pass
6	16058.812	56.37	0.90	74.0	17.63	Peak	46.00	300	Vertical	Pass
6**	16058.812	45.09	0.90	54.0	8.91	AV	46.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.200	38.58	-17.09	74.0	35.42	Peak	21.00	100	Horizontal	Pass
1**	1499.200	30.00	-17.09	54.0	24.00	AV	21.00	100	Horizontal	Pass
2	4377.400	49.69	-3.58	74.0	24.31	Peak	67.00	200	Horizontal	Pass
2**	4377.400	41.00	-3.58	54.0	13.00	AV	67.00	200	Horizontal	Pass
3	5702.800	108.46	-1.65	--	--	Peak	78.00	100	Horizontal	N/A
3**	5702.800	101.18	-1.65	--	--	AV	78.00	100	Horizontal	N/A
4	7333.788	49.84	-3.14	74.0	24.16	Peak	29.00	200	Horizontal	Pass
4**	7333.788	40.60	-3.14	54.0	13.40	AV	29.00	200	Horizontal	Pass
5	11901.587	53.02	1.69	74.0	20.98	Peak	62.00	150	Horizontal	Pass
5**	11901.587	42.91	1.69	54.0	11.09	AV	62.00	150	Horizontal	Pass
6	15659.288	55.75	1.26	74.0	18.25	Peak	267.00	100	Horizontal	Pass
6**	15659.288	46.10	1.26	54.0	7.90	AV	267.00	100	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	1585.200	38.69	-16.83	74.0	35.31	Peak	20.00	200	Vertical	Pass
1**	1585.200	30.48	-16.83	54.0	23.52	AV	20.00	200	Vertical	Pass
2	4360.800	50.07	-4.02	74.0	23.93	Peak	273.00	300	Vertical	Pass
2**	4360.800	41.31	-4.02	54.0	12.69	AV	273.00	300	Vertical	Pass
3	5701.200	101.81	-1.50	--	--	Peak	216.00	100	Vertical	N/A
3**	5701.200	94.41	-1.50	--	--	AV	216.00	100	Vertical	N/A
4	7306.763	49.44	-3.20	74.0	24.56	Peak	60.00	100	Vertical	Pass
4**	7306.763	39.91	-3.20	54.0	14.09	AV	60.00	100	Vertical	Pass
5	12512.238	53.25	1.57	74.0	20.75	Peak	92.00	100	Vertical	Pass
5**	12512.238	42.82	1.57	54.0	11.18	AV	92.00	100	Vertical	Pass
6	15651.412	56.09	1.18	74.0	17.91	Peak	360.00	100	Vertical	Pass
6**	15651.412	46.58	1.18	54.0	7.42	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.100	38.89	-17.09	74.0	35.11	Peak	154.00	400	Horizontal	Pass
1**	1535.100	29.22	-17.09	54.0	24.78	AV	154.00	400	Horizontal	Pass
2	4195.000	50.35	-4.67	74.0	23.65	Peak	231.00	100	Horizontal	Pass
2**	4195.000	40.52	-4.67	54.0	13.48	AV	231.00	100	Horizontal	Pass
3	5506.800	104.34	-0.98	--	--	Peak	68.00	200	Horizontal	N/A
3**	5506.800	97.32	-0.98	--	--	AV	68.00	200	Horizontal	N/A
4	7381.800	50.32	-3.37	74.0	23.68	Peak	218.00	200	Horizontal	Pass
4**	7381.800	40.39	-3.37	54.0	13.61	AV	218.00	200	Horizontal	Pass
5	12293.737	53.54	1.60	74.0	20.46	Peak	65.00	100	Horizontal	Pass
5**	12293.737	43.33	1.60	54.0	10.67	AV	65.00	100	Horizontal	Pass
6	15849.862	56.03	1.33	74.0	17.97	Peak	343.00	100	Horizontal	Pass
6**	15849.862	45.47	1.33	54.0	8.53	AV	343.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.500	38.68	-16.84	74.0	35.32	Peak	214.00	200	Vertical	Pass
1**	1505.500	30.55	-16.84	54.0	23.45	AV	214.00	200	Vertical	Pass
2	4377.200	50.05	-3.65	74.0	23.95	Peak	328.00	100	Vertical	Pass
2**	4377.200	40.82	-3.65	54.0	13.18	AV	328.00	100	Vertical	Pass
3	5508.600	97.86	-0.92	--	--	Peak	182.00	100	Vertical	N/A
3**	5508.600	90.38	-0.92	--	--	AV	182.00	100	Vertical	N/A
4	7338.675	49.41	-2.91	74.0	24.59	Peak	168.00	300	Vertical	Pass
4**	7338.675	40.88	-2.91	54.0	13.12	AV	168.00	300	Vertical	Pass
5	11939.250	53.43	1.69	74.0	20.57	Peak	185.00	200	Vertical	Pass
5**	11939.250	43.75	1.69	54.0	10.25	AV	185.00	200	Vertical	Pass
6	16180.612	55.65	1.51	74.0	18.35	Peak	343.00	100	Vertical	Pass
6**	16180.612	46.40	1.51	54.0	7.60	AV	343.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1617.300	39.24	-17.10	74.0	34.76	Peak	178.00	200	Horizontal	Pass
1**	1617.300	29.35	-17.10	54.0	24.65	AV	178.00	200	Horizontal	Pass
2	4386.600	49.99	-3.30	74.0	24.01	Peak	249.00	300	Horizontal	Pass
2**	4386.600	41.86	-3.30	54.0	12.14	AV	249.00	300	Horizontal	Pass
3	5588.000	104.81	-1.81	--	--	Peak	76.00	200	Horizontal	N/A
3**	5588.000	96.78	-1.81	--	--	AV	76.00	200	Horizontal	N/A
4	7503.413	49.53	-3.05	74.0	24.47	Peak	0.00	400	Horizontal	Pass
4**	7503.413	40.03	-3.05	54.0	13.97	AV	0.00	400	Horizontal	Pass
5	12328.237	52.63	1.42	74.0	21.37	Peak	155.00	200	Horizontal	Pass
5**	12328.237	43.57	1.42	54.0	10.43	AV	155.00	200	Horizontal	Pass
6	15834.375	56.72	1.46	74.0	17.28	Peak	160.00	100	Horizontal	Pass
6**	15834.375	45.99	1.46	54.0	8.01	AV	160.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1603.200	38.93	-17.39	74.0	35.07	Peak	147.00	300	Vertical	Pass
1**	1603.200	29.63	-17.39	54.0	24.37	AV	147.00	300	Vertical	Pass
2	4387.800	50.51	-3.38	74.0	23.49	Peak	221.00	300	Vertical	Pass
2**	4387.800	41.10	-3.38	54.0	12.90	AV	221.00	300	Vertical	Pass
3	5588.000	97.60	-1.81	--	--	Peak	174.00	100	Vertical	N/A
3**	5588.000	90.57	-1.81	--	--	AV	174.00	100	Vertical	N/A
4	7343.563	49.38	-3.39	74.0	24.62	Peak	316.00	400	Vertical	Pass
4**	7343.563	40.89	-3.39	54.0	13.11	AV	316.00	400	Vertical	Pass
5	12291.438	53.51	1.64	74.0	20.49	Peak	191.00	150	Vertical	Pass
5**	12291.438	44.11	1.64	54.0	9.89	AV	191.00	150	Vertical	Pass
6	16100.550	55.92	1.18	74.0	18.08	Peak	89.00	300	Vertical	Pass
6**	16100.550	47.13	1.18	54.0	6.87	AV	89.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.700	39.01	-16.91	74.0	34.99	Peak	282.00	100	Horizontal	Pass
1**	1584.700	29.95	-16.91	54.0	24.05	AV	282.00	100	Horizontal	Pass
2	4384.400	49.98	-3.57	74.0	24.02	Peak	226.00	400	Horizontal	Pass
2**	4384.400	40.87	-3.57	54.0	13.13	AV	226.00	400	Horizontal	Pass
3	5672.200	104.78	-2.26	--	--	Peak	78.00	100	Horizontal	N/A
3**	5672.200	96.67	-2.26	--	--	AV	78.00	100	Horizontal	N/A
4	7344.425	49.51	-3.47	74.0	24.49	Peak	32.00	100	Horizontal	Pass
4**	7344.425	40.92	-3.47	54.0	13.08	AV	32.00	100	Horizontal	Pass
5	11946.724	52.76	1.49	74.0	21.24	Peak	360.00	150	Horizontal	Pass
5**	11946.724	44.14	1.49	54.0	9.86	AV	360.00	150	Horizontal	Pass
6	16178.250	55.89	1.44	74.0	18.11	Peak	14.00	100	Horizontal	Pass
6**	16178.250	46.50	1.44	54.0	7.50	AV	14.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.300	39.16	-16.75	74.0	34.84	Peak	140.00	300	Vertical	Pass
1**	1489.300	29.60	-16.75	54.0	24.40	AV	140.00	300	Vertical	Pass
2	4384.200	50.07	-3.61	74.0	23.93	Peak	202.00	300	Vertical	Pass
2**	4384.200	41.55	-3.61	54.0	12.45	AV	202.00	300	Vertical	Pass
3	5672.000	98.08	-2.27	--	--	Peak	132.00	100	Vertical	N/A
3**	5672.000	90.38	-2.27	--	--	AV	132.00	100	Vertical	N/A
4	7339.250	49.40	-2.93	74.0	24.60	Peak	48.00	300	Vertical	Pass
4**	7339.250	41.02	-2.93	54.0	12.98	AV	48.00	300	Vertical	Pass
5	12614.300	53.44	1.88	74.0	20.56	Peak	299.00	150	Vertical	Pass
5**	12614.300	44.41	1.88	54.0	9.59	AV	299.00	150	Vertical	Pass
6	15841.200	56.06	1.43	74.0	17.94	Peak	187.00	300	Vertical	Pass
6**	15841.200	46.37	1.43	54.0	7.63	AV	187.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.000	39.27	-16.94	74.0	34.73	Peak	133.00	300	Horizontal	Pass
1**	1458.000	29.76	-16.94	54.0	24.24	AV	133.00	300	Horizontal	Pass
2	4191.800	50.17	-4.61	74.0	23.83	Peak	133.00	100	Horizontal	Pass
2**	4191.800	39.96	-4.61	54.0	14.04	AV	133.00	100	Horizontal	Pass
3	5536.400	100.65	-1.80	--	--	Peak	72.00	150	Horizontal	N/A
3**	5536.400	93.31	-1.80	--	--	AV	72.00	150	Horizontal	N/A
4	7343.850	49.93	-3.43	74.0	24.07	Peak	210.00	400	Horizontal	Pass
4**	7343.850	40.95	-3.43	54.0	13.05	AV	210.00	400	Horizontal	Pass
5	12453.588	53.03	1.88	74.0	20.97	Peak	342.00	100	Horizontal	Pass
5**	12453.588	43.59	1.88	54.0	10.41	AV	342.00	100	Horizontal	Pass
6	16062.750	55.44	1.06	74.0	18.56	Peak	270.00	200	Horizontal	Pass
6**	16062.750	46.62	1.06	54.0	7.38	AV	270.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.900	39.97	-17.09	74.0	34.03	Peak	3.00	200	Vertical	Pass
1**	1443.900	29.25	-17.09	54.0	24.75	AV	3.00	200	Vertical	Pass
2	4177.200	49.84	-4.84	74.0	24.16	Peak	12.00	300	Vertical	Pass
2**	4177.200	40.08	-4.84	54.0	13.92	AV	12.00	300	Vertical	Pass
3	5535.600	94.21	-1.80	--	--	Peak	178.00	200	Vertical	N/A
3**	5535.600	86.22	-1.80	--	--	AV	178.00	200	Vertical	N/A
4	7731.975	50.23	-2.28	74.0	23.77	Peak	124.00	100	Vertical	Pass
4**	7731.975	40.21	-2.28	54.0	13.79	AV	124.00	100	Vertical	Pass
5	12313.000	53.04	1.39	74.0	20.96	Peak	108.00	100	Vertical	Pass
5**	12313.000	43.15	1.39	54.0	10.85	AV	108.00	100	Vertical	Pass
6	15568.463	55.82	1.39	74.0	18.18	Peak	101.00	400	Vertical	Pass
6**	15568.463	45.64	1.39	54.0	8.36	AV	101.00	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	1585.700	38.68	-16.81	74.0	35.32	Peak	32.00	100	Horizontal	Pass
1**	1585.700	29.28	-16.81	54.0	24.72	AV	32.00	100	Horizontal	Pass
2	4390.600	50.23	-3.33	74.0	23.77	Peak	285.00	100	Horizontal	Pass
2**	4390.600	42.68	-3.33	54.0	11.32	AV	285.00	100	Horizontal	Pass
3	5743.400	109.65	-2.11	--	--	Peak	73.00	150	Horizontal	N/A
3**	5743.400	102.96	-2.11	--	--	AV	73.00	150	Horizontal	N/A
4	7337.812	50.32	-2.88	74.0	23.68	Peak	46.00	400	Horizontal	Pass
4**	7337.812	42.04	-2.88	54.0	11.96	AV	46.00	400	Horizontal	Pass
5	12302.363	53.85	1.43	74.0	20.15	Peak	250.00	100	Horizontal	Pass
5**	12302.363	44.31	1.43	54.0	9.69	AV	250.00	100	Horizontal	Pass
6	15849.338	56.41	1.34	74.0	17.59	Peak	0.00	100	Horizontal	Pass
6**	15849.338	46.59	1.34	54.0	7.41	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.600	38.67	-16.92	74.0	35.33	Peak	268.00	300	Vertical	Pass
1**	1586.600	30.06	-16.92	54.0	23.94	AV	268.00	300	Vertical	Pass
2	4391.600	51.39	-3.45	74.0	22.61	Peak	167.00	300	Vertical	Pass
2**	4391.600	41.14	-3.45	54.0	12.86	AV	167.00	300	Vertical	Pass
3	5744.000	103.95	-2.06	--	--	Peak	167.00	100	Vertical	N/A
3**	5744.000	97.26	-2.06	--	--	AV	167.00	100	Vertical	N/A
4	7352.475	49.96	-3.84	74.0	24.04	Peak	96.00	300	Vertical	Pass
4**	7352.475	40.94	-3.84	54.0	13.06	AV	96.00	300	Vertical	Pass
5	12064.600	53.31	0.89	74.0	20.69	Peak	128.00	100	Vertical	Pass
5**	12064.600	42.58	0.89	54.0	11.42	AV	128.00	100	Vertical	Pass
6	16189.013	56.19	1.57	74.0	17.81	Peak	195.00	400	Vertical	Pass
6**	16189.013	46.35	1.57	54.0	7.65	AV	195.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.400	39.32	-16.74	74.0	34.68	Peak	42.00	200	Horizontal	Pass
1**	1489.400	29.80	-16.74	54.0	24.20	AV	42.00	200	Horizontal	Pass
2	4390.400	50.56	-3.30	74.0	23.44	Peak	0.00	300	Horizontal	Pass
2**	4390.400	42.50	-3.30	54.0	11.50	AV	0.00	300	Horizontal	Pass
3	5782.200	109.62	-1.33	--	--	Peak	76.00	100	Horizontal	N/A
3**	5782.200	101.42	-1.33	--	--	AV	76.00	100	Horizontal	N/A
4	7623.013	50.01	-3.05	74.0	23.99	Peak	186.00	100	Horizontal	Pass
4**	7623.013	40.21	-3.05	54.0	13.79	AV	186.00	100	Horizontal	Pass
5	12434.612	53.45	1.69	74.0	20.55	Peak	12.00	100	Horizontal	Pass
5**	12434.612	43.26	1.69	54.0	10.74	AV	12.00	100	Horizontal	Pass
6	15814.162	55.72	2.08	74.0	18.28	Peak	231.00	400	Horizontal	Pass
6**	15814.162	45.96	2.08	54.0	8.04	AV	231.00	400	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	1563.200	38.87	-17.04	74.0	35.13	Peak	127.00	100	Vertical	Pass
1**	1563.200	28.91	-17.04	54.0	25.09	AV	127.00	100	Vertical	Pass
2	4393.200	50.93	-3.67	74.0	23.07	Peak	118.00	100	Vertical	Pass
2**	4393.200	41.42	-3.67	54.0	12.58	AV	118.00	100	Vertical	Pass
3	5782.600	103.62	-1.38	--	--	Peak	215.00	200	Vertical	N/A
3**	5782.600	96.81	-1.38	--	--	AV	215.00	200	Vertical	N/A
4	7341.263	49.72	-3.09	74.0	24.28	Peak	12.00	400	Vertical	Pass
4**	7341.263	40.98	-3.09	54.0	13.02	AV	12.00	400	Vertical	Pass
5	12296.037	53.36	1.55	74.0	20.64	Peak	95.00	150	Vertical	Pass
5**	12296.037	44.11	1.55	54.0	9.89	AV	95.00	150	Vertical	Pass
6	15831.487	55.56	1.48	74.0	18.44	Peak	69.00	150	Vertical	Pass
6**	15831.487	46.50	1.48	54.0	7.50	AV	69.00	150	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	1543.600	38.64	-17.29	74.0	35.36	Peak	206.00	400	Horizontal	Pass
1**	1543.600	29.25	-17.29	54.0	24.75	AV	206.00	400	Horizontal	Pass
2	4258.200	50.25	-4.43	74.0	23.75	Peak	318.00	200	Horizontal	Pass
2**	4258.200	40.25	-4.43	54.0	13.75	AV	318.00	200	Horizontal	Pass
3	5822.800	108.86	-2.13	--	--	Peak	75.00	200	Horizontal	N/A
3**	5822.800	100.61	-2.13	--	--	AV	75.00	200	Horizontal	N/A
4	7337.812	50.31	-2.88	74.0	23.69	Peak	0.00	400	Horizontal	Pass
4**	7337.812	41.61	-2.88	54.0	12.39	AV	0.00	400	Horizontal	Pass
5	12303.225	53.37	1.42	74.0	20.63	Peak	327.00	100	Horizontal	Pass
5**	12303.225	44.18	1.42	54.0	9.82	AV	327.00	100	Horizontal	Pass
6	15802.350	55.74	2.30	74.0	18.26	Peak	250.00	100	Horizontal	Pass
6**	15802.350	46.31	2.30	54.0	7.69	AV	250.00	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	1611.100	38.86	-17.04	74.0	35.14	Peak	290.00	400	Vertical	Pass
1**	1611.100	29.42	-17.04	54.0	24.58	AV	290.00	400	Vertical	Pass
2	4393.400	50.54	-3.70	74.0	23.46	Peak	104.00	200	Vertical	Pass
2**	4393.400	41.14	-3.70	54.0	12.86	AV	104.00	200	Vertical	Pass
3	5824.000	103.61	-2.13	--	--	Peak	214.00	150	Vertical	N/A
3**	5824.000	96.41	-2.13	--	--	AV	214.00	150	Vertical	N/A
4	7339.825	50.24	-2.95	74.0	23.76	Peak	225.00	200	Vertical	Pass
4**	7339.825	41.95	-2.95	54.0	12.05	AV	225.00	200	Vertical	Pass
5	12270.737	53.55	1.47	74.0	20.45	Peak	225.00	100	Vertical	Pass
5**	12270.737	43.48	1.47	54.0	10.52	AV	225.00	100	Vertical	Pass
6	15787.650	56.00	1.91	74.0	18.00	Peak	175.00	100	Vertical	Pass
6**	15787.650	45.88	1.91	54.0	8.12	AV	175.00	100	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	1537.800	38.42	-17.05	74.0	35.58	Peak	324.00	400	Horizontal	Pass
1**	1537.800	29.86	-17.05	54.0	24.14	AV	324.00	400	Horizontal	Pass
2	4384.400	49.83	-3.57	74.0	24.17	Peak	17.00	100	Horizontal	Pass
2**	4384.400	41.13	-3.57	54.0	12.87	AV	17.00	100	Horizontal	Pass
3	5746.000	107.92	-2.21	--	--	Peak	69.00	100	Horizontal	N/A
3**	5746.000	100.70	-2.21	--	--	AV	69.00	100	Horizontal	N/A
4	7340.400	50.86	-3.01	74.0	23.14	Peak	79.00	400	Horizontal	Pass
4**	7340.400	41.93	-3.01	54.0	12.07	AV	79.00	400	Horizontal	Pass
5	12290.288	53.86	1.66	74.0	20.14	Peak	360.00	100	Horizontal	Pass
5**	12290.288	44.42	1.66	54.0	9.58	AV	360.00	100	Horizontal	Pass
6	15484.200	56.01	0.91	74.0	17.99	Peak	344.00	100	Horizontal	Pass
6**	15484.200	46.19	0.91	54.0	7.81	AV	344.00	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	1511.200	38.70	-17.20	74.0	35.30	Peak	38.00	100	Vertical	Pass
1**	1511.200	28.91	-17.20	54.0	25.09	AV	38.00	100	Vertical	Pass
2	4383.000	50.50	-3.64	74.0	23.50	Peak	331.00	300	Vertical	Pass
2**	4383.000	41.51	-3.64	54.0	12.49	AV	331.00	300	Vertical	Pass
3	5746.000	102.20	-2.21	--	--	Peak	215.00	100	Vertical	N/A
3**	5746.000	94.63	-2.21	--	--	AV	215.00	100	Vertical	N/A
4	7743.763	49.75	-2.86	74.0	24.25	Peak	0.00	100	Vertical	Pass
4**	7743.763	40.57	-2.86	54.0	13.43	AV	0.00	100	Vertical	Pass
5	12621.200	53.19	1.74	74.0	20.81	Peak	293.00	150	Vertical	Pass
5**	12621.200	43.58	1.74	54.0	10.42	AV	293.00	150	Vertical	Pass
6	15853.013	56.09	1.25	74.0	17.91	Peak	307.00	300	Vertical	Pass
6**	15853.013	46.59	1.25	54.0	7.41	AV	307.00	300	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	1581.300	38.74	-17.09	74.0	35.26	Peak	37.00	100	Horizontal	Pass
1**	1581.300	29.45	-17.09	54.0	24.55	AV	37.00	100	Horizontal	Pass
2	4389.000	50.35	-3.37	74.0	23.65	Peak	150.00	100	Horizontal	Pass
2**	4389.000	41.38	-3.37	54.0	12.62	AV	150.00	100	Horizontal	Pass
3	5784.000	108.08	-1.57	--	--	Peak	74.00	150	Horizontal	N/A
3**	5784.000	101.23	-1.57	--	--	AV	74.00	150	Horizontal	N/A
4	7333.788	50.77	-3.14	74.0	23.23	Peak	0.00	400	Horizontal	Pass
4**	7333.788	40.98	-3.14	54.0	13.02	AV	0.00	400	Horizontal	Pass
5	12271.600	52.80	1.50	74.0	21.20	Peak	261.00	150	Horizontal	Pass
5**	12271.600	43.71	1.50	54.0	10.29	AV	261.00	150	Horizontal	Pass
6	15850.125	55.16	1.33	74.0	18.84	Peak	133.00	150	Horizontal	Pass
6**	15850.125	46.48	1.33	54.0	7.52	AV	133.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.600	38.74	-16.78	74.0	35.26	Peak	294.00	200	Vertical	Pass
1**	1490.600	29.54	-16.78	54.0	24.46	AV	294.00	200	Vertical	Pass
2	4378.600	49.82	-3.40	74.0	24.18	Peak	257.00	200	Vertical	Pass
2**	4378.600	42.36	-3.40	54.0	11.64	AV	257.00	200	Vertical	Pass
3	5786.600	102.03	-1.66	--	--	Peak	214.00	100	Vertical	N/A
3**	5786.600	94.40	-1.66	--	--	AV	214.00	100	Vertical	N/A
4	7460.000	50.03	-3.56	74.0	23.97	Peak	326.00	100	Vertical	Pass
4**	7460.000	39.99	-3.56	54.0	14.01	AV	326.00	100	Vertical	Pass
5	12295.463	53.27	1.57	74.0	20.73	Peak	161.00	150	Vertical	Pass
5**	12295.463	44.23	1.57	54.0	9.77	AV	161.00	150	Vertical	Pass
6	15660.862	55.59	1.28	74.0	18.41	Peak	360.00	300	Vertical	Pass
6**	15660.862	45.90	1.28	54.0	8.10	AV	360.00	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	1585.700	39.18	-16.81	74.0	34.82	Peak	184.00	200	Horizontal	Pass
1**	1585.700	29.83	-16.81	54.0	24.17	AV	184.00	200	Horizontal	Pass
2	4368.800	50.57	-3.88	74.0	23.43	Peak	11.00	100	Horizontal	Pass
2**	4368.800	40.55	-3.88	54.0	13.45	AV	11.00	100	Horizontal	Pass
3	5823.800	108.22	-2.13	--	--	Peak	74.00	100	Horizontal	N/A
3**	5823.800	101.19	-2.13	--	--	AV	74.00	100	Horizontal	N/A
4	7340.112	49.76	-2.98	74.0	24.24	Peak	292.00	300	Horizontal	Pass
4**	7340.112	41.26	-2.98	54.0	12.74	AV	292.00	300	Horizontal	Pass
5	12274.475	53.69	1.60	74.0	20.31	Peak	225.00	150	Horizontal	Pass
5**	12274.475	44.70	1.60	54.0	9.30	AV	225.00	150	Horizontal	Pass
6	15626.213	56.72	1.72	74.0	17.28	Peak	213.00	300	Horizontal	Pass
6**	15626.213	46.56	1.72	54.0	7.44	AV	213.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.000	38.74	-17.00	74.0	35.26	Peak	107.00	100	Vertical	Pass
1**	1502.000	30.29	-17.00	54.0	23.71	AV	107.00	100	Vertical	Pass
2	4393.200	49.99	-3.67	74.0	24.01	Peak	146.00	300	Vertical	Pass
2**	4393.200	41.12	-3.67	54.0	12.88	AV	146.00	300	Vertical	Pass
3	5823.400	101.92	-2.13	--	--	Peak	221.00	200	Vertical	N/A
3**	5823.400	94.80	-2.13	--	--	AV	221.00	200	Vertical	N/A
4	7327.750	49.54	-3.45	74.0	24.46	Peak	98.00	200	Vertical	Pass
4**	7327.750	40.43	-3.45	54.0	13.57	AV	98.00	200	Vertical	Pass
5	12003.937	53.70	1.29	74.0	20.30	Peak	328.00	150	Vertical	Pass
5**	12003.937	43.10	1.29	54.0	10.90	AV	328.00	150	Vertical	Pass
6	15562.162	55.36	1.20	74.0	18.64	Peak	231.00	300	Vertical	Pass
6**	15562.162	45.03	1.20	54.0	8.97	AV	231.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.900	38.95	-16.72	74.0	35.05	Peak	0.00	100	Horizontal	Pass
1**	1489.900	29.88	-16.72	54.0	24.12	AV	0.00	100	Horizontal	Pass
2	4378.800	50.69	-3.38	74.0	23.31	Peak	278.00	100	Horizontal	Pass
2**	4378.800	41.85	-3.38	54.0	12.15	AV	278.00	100	Horizontal	Pass
3	5756.400	105.06	-1.90	--	--	Peak	75.00	150	Horizontal	N/A
3**	5756.400	97.99	-1.90	--	--	AV	75.00	150	Horizontal	N/A
4	7337.812	50.06	-2.88	74.0	23.94	Peak	46.00	200	Horizontal	Pass
4**	7337.812	41.67	-2.88	54.0	12.33	AV	46.00	200	Horizontal	Pass
5	12100.537	52.96	0.57	74.0	21.04	Peak	0.00	200	Horizontal	Pass
5**	12100.537	42.71	0.57	54.0	11.29	AV	0.00	200	Horizontal	Pass
6	16075.350	55.54	1.55	74.0	18.46	Peak	213.00	200	Horizontal	Pass
6**	16075.350	46.10	1.55	54.0	7.90	AV	213.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1478.800	38.95	-17.19	74.0	35.05	Peak	257.00	200	Vertical	Pass
1**	1478.800	30.28	-17.19	54.0	23.72	AV	257.00	200	Vertical	Pass
2	4367.400	50.68	-3.83	74.0	23.32	Peak	202.00	100	Vertical	Pass
2**	4367.400	40.86	-3.83	54.0	13.14	AV	202.00	100	Vertical	Pass
3	5753.200	99.06	-2.03	--	--	Peak	171.00	150	Vertical	N/A
3**	5753.200	91.51	-2.03	--	--	AV	171.00	150	Vertical	N/A
4	7725.075	49.88	-2.44	74.0	24.12	Peak	307.00	400	Vertical	Pass
4**	7725.075	40.28	-2.44	54.0	13.72	AV	307.00	400	Vertical	Pass
5	12620.049	53.90	1.79	74.0	20.10	Peak	111.00	200	Vertical	Pass
5**	12620.049	43.75	1.79	54.0	10.25	AV	111.00	200	Vertical	Pass
6	15632.250	55.27	1.63	74.0	18.73	Peak	306.00	200	Vertical	Pass
6**	15632.250	45.06	1.63	54.0	8.94	AV	306.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.700	39.03	-16.86	74.0	34.97	Peak	331.00	400	Horizontal	Pass
1**	1491.700	29.44	-16.86	54.0	24.56	AV	331.00	400	Horizontal	Pass
2	4299.400	50.36	-4.14	74.0	23.64	Peak	277.00	400	Horizontal	Pass
2**	4299.400	40.04	-4.14	54.0	13.96	AV	277.00	400	Horizontal	Pass
3	5797.600	103.11	-1.70	--	--	Peak	75.00	100	Horizontal	N/A
3**	5797.600	95.53	-1.70	--	--	AV	75.00	100	Horizontal	N/A
4	7366.850	49.95	-3.66	74.0	24.05	Peak	96.00	100	Horizontal	Pass
4**	7366.850	40.34	-3.66	54.0	13.66	AV	96.00	100	Horizontal	Pass
5	12622.063	53.14	1.71	74.0	20.86	Peak	47.00	100	Horizontal	Pass
5**	12622.063	43.58	1.71	54.0	10.42	AV	47.00	100	Horizontal	Pass
6	15581.587	56.37	1.37	74.0	17.63	Peak	138.00	300	Horizontal	Pass
6**	15581.587	45.06	1.37	54.0	8.94	AV	138.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.500	39.38	-17.04	74.0	34.62	Peak	207.00	200	Vertical	Pass
1**	1535.500	30.12	-17.04	54.0	23.88	AV	207.00	200	Vertical	Pass
2	4380.600	50.28	-3.42	74.0	23.72	Peak	171.00	300	Vertical	Pass
2**	4380.600	42.08	-3.42	54.0	11.92	AV	171.00	300	Vertical	Pass
3	5798.000	98.00	-1.69	--	--	Peak	214.00	200	Vertical	N/A
3**	5798.000	90.45	-1.69	--	--	AV	214.00	200	Vertical	N/A
4	7335.800	49.51	-3.23	74.0	24.49	Peak	0.00	400	Vertical	Pass
4**	7335.800	40.30	-3.23	54.0	13.70	AV	0.00	400	Vertical	Pass
5	12428.287	53.34	1.51	74.0	20.66	Peak	102.00	100	Vertical	Pass
5**	12428.287	43.85	1.51	54.0	10.15	AV	102.00	100	Vertical	Pass
6	15794.737	55.93	2.16	74.0	18.07	Peak	95.00	400	Vertical	Pass
6**	15794.737	46.21	2.16	54.0	7.79	AV	95.00	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	1437.000	38.90	-17.28	74.0	35.10	Peak	32.00	400	Horizontal	Pass
1**	1437.000	29.58	-17.28	54.0	24.42	AV	32.00	400	Horizontal	Pass
2	4368.800	49.89	-3.88	74.0	24.11	Peak	63.00	200	Horizontal	Pass
2**	4368.800	41.08	-3.88	54.0	12.92	AV	63.00	200	Horizontal	Pass
3	5747.400	108.02	-2.21	--	--	Peak	74.00	150	Horizontal	N/A
3**	5747.400	100.10	-2.21	--	--	AV	74.00	150	Horizontal	N/A
4	7340.687	50.54	-3.04	74.0	23.46	Peak	360.00	300	Horizontal	Pass
4**	7340.687	40.62	-3.04	54.0	13.38	AV	360.00	300	Horizontal	Pass
5	12324.500	53.24	1.42	74.0	20.76	Peak	13.00	100	Horizontal	Pass
5**	12324.500	43.70	1.42	54.0	10.30	AV	13.00	100	Horizontal	Pass
6	15792.900	55.86	2.10	74.0	18.14	Peak	212.00	200	Horizontal	Pass
6**	15792.900	46.36	2.10	54.0	7.64	AV	212.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1607.800	38.68	-17.49	74.0	35.32	Peak	97.00	100	Vertical	Pass
1**	1607.800	29.75	-17.49	54.0	24.25	AV	97.00	100	Vertical	Pass
2	4391.400	51.23	-3.43	74.0	22.77	Peak	8.00	400	Vertical	Pass
2**	4391.400	41.54	-3.43	54.0	12.46	AV	8.00	400	Vertical	Pass
3	5743.200	102.20	-2.13	--	--	Peak	224.00	200	Vertical	N/A
3**	5743.200	94.72	-2.13	--	--	AV	224.00	200	Vertical	N/A
4	7388.412	50.08	-3.98	74.0	23.92	Peak	94.00	300	Vertical	Pass
4**	7388.412	40.35	-3.98	54.0	13.65	AV	94.00	300	Vertical	Pass
5	12610.275	53.27	1.89	74.0	20.73	Peak	0.00	150	Vertical	Pass
5**	12610.275	43.77	1.89	54.0	10.23	AV	0.00	150	Vertical	Pass
6	16105.275	56.47	0.97	74.0	17.53	Peak	39.00	100	Vertical	Pass
6**	16105.275	46.87	0.97	54.0	7.13	AV	39.00	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	1595.400	39.24	-17.19	74.0	34.76	Peak	51.00	200	Horizontal	Pass
1**	1595.400	29.35	-17.19	54.0	24.65	AV	51.00	200	Horizontal	Pass
2	4369.600	50.79	-3.97	74.0	23.21	Peak	290.00	400	Horizontal	Pass
2**	4369.600	41.58	-3.97	54.0	12.42	AV	290.00	400	Horizontal	Pass
3	5782.600	108.03	-1.38	--	--	Peak	77.00	150	Horizontal	N/A
3**	5782.600	101.08	-1.38	--	--	AV	77.00	150	Horizontal	N/A
4	7351.037	49.45	-3.68	74.0	24.55	Peak	30.00	300	Horizontal	Pass
4**	7351.037	41.61	-3.68	54.0	12.39	AV	30.00	300	Horizontal	Pass
5	12283.675	53.33	1.78	74.0	20.67	Peak	343.00	150	Horizontal	Pass
5**	12283.675	44.72	1.78	54.0	9.28	AV	343.00	150	Horizontal	Pass
6	15799.987	55.58	2.33	74.0	18.42	Peak	360.00	400	Horizontal	Pass
6**	15799.987	46.11	2.33	54.0	7.89	AV	360.00	400	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	1485.900	39.42	-16.68	74.0	34.58	Peak	160.00	100	Vertical	Pass
1**	1485.900	29.89	-16.68	54.0	24.11	AV	160.00	100	Vertical	Pass
2	4380.200	51.36	-3.35	74.0	22.64	Peak	331.00	200	Vertical	Pass
2**	4380.200	42.44	-3.35	54.0	11.56	AV	331.00	200	Vertical	Pass
3	5783.600	101.84	-1.51	--	--	Peak	224.00	200	Vertical	N/A
3**	5783.600	94.36	-1.51	--	--	AV	224.00	200	Vertical	N/A
4	7361.388	50.12	-3.82	74.0	23.88	Peak	342.00	200	Vertical	Pass
4**	7361.388	39.85	-3.82	54.0	14.15	AV	342.00	200	Vertical	Pass
5	11689.413	52.96	0.17	74.0	21.04	Peak	360.00	100	Vertical	Pass
5**	11689.413	42.44	0.17	54.0	11.56	AV	360.00	100	Vertical	Pass
6	15792.638	55.28	2.09	74.0	18.72	Peak	212.00	200	Vertical	Pass
6**	15792.638	46.02	2.09	54.0	7.98	AV	212.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.400	40.07	-16.94	74.0	33.93	Peak	314.00	300	Horizontal	Pass
1**	1501.400	29.58	-16.94	54.0	24.42	AV	314.00	300	Horizontal	Pass
2	4383.800	49.93	-3.64	74.0	24.07	Peak	24.00	200	Horizontal	Pass
2**	4383.800	41.22	-3.64	54.0	12.78	AV	24.00	200	Horizontal	Pass
3	5823.600	107.29	-2.13	--	--	Peak	67.00	100	Horizontal	N/A
3**	5823.600	99.99	-2.13	--	--	AV	67.00	100	Horizontal	N/A
4	7630.488	50.01	-2.93	74.0	23.99	Peak	309.00	100	Horizontal	Pass
4**	7630.488	40.11	-2.93	54.0	13.89	AV	309.00	100	Horizontal	Pass
5	12308.688	53.10	1.37	74.0	20.90	Peak	111.00	150	Horizontal	Pass
5**	12308.688	43.59	1.37	54.0	10.41	AV	111.00	150	Horizontal	Pass
6	16096.874	55.79	1.28	74.0	18.21	Peak	98.00	200	Horizontal	Pass
6**	16096.874	46.63	1.28	54.0	7.37	AV	98.00	200	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	1613.800	39.89	-17.48	74.0	34.11	Peak	184.00	100	Vertical	Pass
1**	1613.800	28.94	-17.48	54.0	25.06	AV	184.00	100	Vertical	Pass
2	4380.800	50.30	-3.46	74.0	23.70	Peak	300.00	400	Vertical	Pass
2**	4380.800	41.73	-3.46	54.0	12.27	AV	300.00	400	Vertical	Pass
3	5824.000	101.88	-2.13	--	--	Peak	212.00	100	Vertical	N/A
3**	5824.000	94.90	-2.13	--	--	AV	212.00	100	Vertical	N/A
4	7351.037	50.63	-3.68	74.0	23.37	Peak	161.00	300	Vertical	Pass
4**	7351.037	40.55	-3.68	54.0	13.45	AV	161.00	300	Vertical	Pass
5	11909.349	53.54	1.54	74.0	20.46	Peak	360.00	200	Vertical	Pass
5**	11909.349	43.85	1.54	54.0	10.15	AV	360.00	200	Vertical	Pass
6	15569.776	56.02	1.40	74.0	17.98	Peak	5.00	200	Vertical	Pass
6**	15569.776	46.29	1.40	54.0	7.71	AV	5.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.900	38.92	-17.15	74.0	35.08	Peak	218.00	300	Horizontal	Pass
1**	1574.900	29.64	-17.15	54.0	24.36	AV	218.00	300	Horizontal	Pass
2	4378.400	50.61	-3.42	74.0	23.39	Peak	360.00	100	Horizontal	Pass
2**	4378.400	41.90	-3.42	54.0	12.10	AV	360.00	100	Horizontal	Pass
3	5752.800	104.93	-1.96	--	--	Peak	73.00	200	Horizontal	N/A
3**	5752.800	97.30	-1.96	--	--	AV	73.00	200	Horizontal	N/A
4	7344.425	49.72	-3.47	74.0	24.28	Peak	255.00	100	Horizontal	Pass
4**	7344.425	40.48	-3.47	54.0	13.52	AV	255.00	100	Horizontal	Pass
5	12699.688	53.56	0.84	74.0	20.44	Peak	125.00	100	Horizontal	Pass
5**	12699.688	44.11	0.84	54.0	9.89	AV	125.00	100	Horizontal	Pass
6	15809.700	55.71	2.17	74.0	18.29	Peak	3.00	150	Horizontal	Pass
6**	15809.700	45.92	2.17	54.0	8.08	AV	3.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.500	39.40	-16.99	74.0	34.60	Peak	134.00	200	Vertical	Pass
1**	1540.500	29.86	-16.99	54.0	24.14	AV	134.00	200	Vertical	Pass
2	4367.800	50.34	-3.84	74.0	23.66	Peak	331.00	200	Vertical	Pass
2**	4367.800	40.49	-3.84	54.0	13.51	AV	331.00	200	Vertical	Pass
3	5757.200	98.90	-1.77	--	--	Peak	226.00	200	Vertical	N/A
3**	5757.200	91.87	-1.77	--	--	AV	226.00	200	Vertical	N/A
4	7270.538	49.81	-3.00	74.0	24.19	Peak	29.00	300	Vertical	Pass
4**	7270.538	40.24	-3.00	54.0	13.76	AV	29.00	300	Vertical	Pass
5	12498.150	52.99	1.65	74.0	21.01	Peak	112.00	200	Vertical	Pass
5**	12498.150	43.24	1.65	54.0	10.76	AV	112.00	200	Vertical	Pass
6	15787.388	56.61	1.90	74.0	17.39	Peak	345.00	300	Vertical	Pass
6**	15787.388	47.74	1.90	54.0	6.26	AV	345.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1468.700	38.71	-17.35	74.0	35.29	Peak	174.00	400	Horizontal	Pass
1**	1468.700	29.51	-17.35	54.0	24.49	AV	174.00	400	Horizontal	Pass
2	4383.800	50.75	-3.64	74.0	23.25	Peak	309.00	200	Horizontal	Pass
2**	4383.800	41.43	-3.64	54.0	12.57	AV	309.00	200	Horizontal	Pass
3	5796.400	103.94	-1.70	--	--	Peak	71.00	100	Horizontal	N/A
3**	5796.400	95.68	-1.70	--	--	AV	71.00	100	Horizontal	N/A
4	7625.888	50.11	-2.77	74.0	23.89	Peak	262.00	400	Horizontal	Pass
4**	7625.888	40.48	-2.77	54.0	13.52	AV	262.00	400	Horizontal	Pass
5	12064.026	53.60	0.89	74.0	20.40	Peak	63.00	150	Horizontal	Pass
5**	12064.026	43.03	0.89	54.0	10.97	AV	63.00	150	Horizontal	Pass
6	15829.125	55.68	1.52	74.0	18.32	Peak	325.00	200	Horizontal	Pass
6**	15829.125	46.67	1.52	54.0	7.33	AV	325.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.000	39.79	-16.84	74.0	34.21	Peak	0.00	300	Vertical	Pass
1**	1586.000	29.94	-16.84	54.0	24.06	AV	0.00	300	Vertical	Pass
2	4379.000	50.78	-3.36	74.0	23.22	Peak	56.00	100	Vertical	Pass
2**	4379.000	42.69	-3.36	54.0	11.31	AV	56.00	100	Vertical	Pass
3	5796.600	97.33	-1.70	--	--	Peak	214.00	100	Vertical	N/A
3**	5796.600	90.44	-1.70	--	--	AV	214.00	100	Vertical	N/A
4	7340.400	49.78	-3.01	74.0	24.22	Peak	178.00	200	Vertical	Pass
4**	7340.400	40.47	-3.01	54.0	13.53	AV	178.00	200	Vertical	Pass
5	11609.201	53.77	-0.05	74.0	20.23	Peak	0.00	150	Vertical	Pass
5**	11609.201	42.68	-0.05	54.0	11.32	AV	0.00	150	Vertical	Pass
6	15622.275	55.32	1.67	74.0	18.68	Peak	288.00	150	Vertical	Pass
6**	15622.275	46.23	1.67	54.0	7.77	AV	288.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.300	38.78	-17.12	74.0	35.22	Peak	317.00	200	Horizontal	Pass
1**	1567.300	29.60	-17.12	54.0	24.40	AV	317.00	200	Horizontal	Pass
2	4377.200	50.26	-3.65	74.0	23.74	Peak	343.00	200	Horizontal	Pass
2**	4377.200	40.88	-3.65	54.0	13.12	AV	343.00	200	Horizontal	Pass
3	5765.200	99.64	-1.52	--	--	Peak	74.00	200	Horizontal	N/A
3**	5765.200	91.59	-1.52	--	--	AV	74.00	200	Horizontal	N/A
4	7345.862	50.33	-3.52	74.0	23.67	Peak	212.00	200	Horizontal	Pass
4**	7345.862	40.94	-3.52	54.0	13.06	AV	212.00	200	Horizontal	Pass
5	12688.474	53.41	0.84	74.0	20.59	Peak	0.00	100	Horizontal	Pass
5**	12688.474	43.64	0.84	54.0	10.36	AV	0.00	100	Horizontal	Pass
6	15848.549	55.48	1.34	74.0	18.52	Peak	306.00	300	Horizontal	Pass
6**	15848.549	46.89	1.34	54.0	7.11	AV	306.00	300	Horizontal	Pass

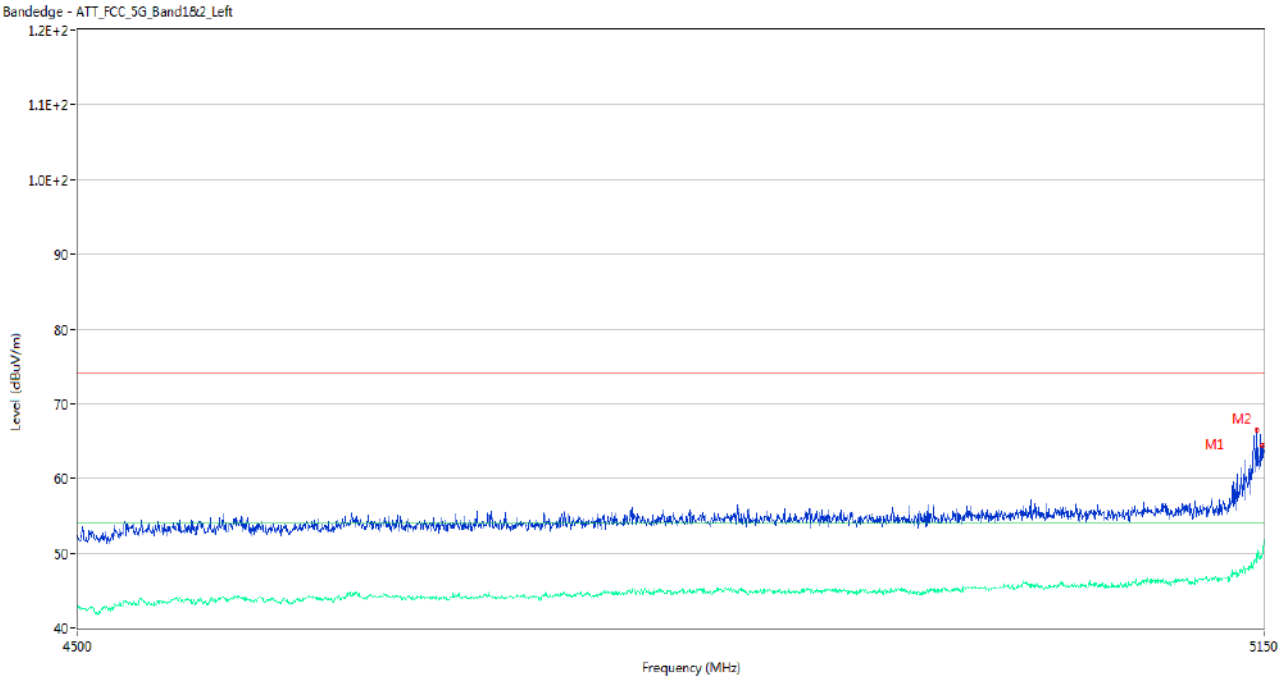
11ac80, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.600	39.31	-16.79	74.0	34.69	Peak	190.00	300	Vertical	Pass
1**	1585.600	29.85	-16.79	54.0	24.15	AV	190.00	300	Vertical	Pass
2	4296.200	50.35	-4.19	74.0	23.65	Peak	76.00	100	Vertical	Pass
2**	4296.200	39.85	-4.19	54.0	14.15	AV	76.00	100	Vertical	Pass
3	5768.000	94.47	-1.99	--	--	Peak	216.00	100	Vertical	N/A
3**	5768.000	86.65	-1.99	--	--	AV	216.00	100	Vertical	N/A
4	7729.388	50.20	-2.52	74.0	23.80	Peak	127.00	200	Vertical	Pass
4**	7729.388	40.38	-2.52	54.0	13.62	AV	127.00	200	Vertical	Pass
5	12269.300	53.42	1.43	74.0	20.58	Peak	177.00	150	Vertical	Pass
5**	12269.300	43.69	1.43	54.0	10.31	AV	177.00	150	Vertical	Pass
6	16059.862	56.12	0.94	74.0	17.88	Peak	136.00	200	Vertical	Pass
6**	16059.862	46.31	0.94	54.0	7.69	AV	136.00	200	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

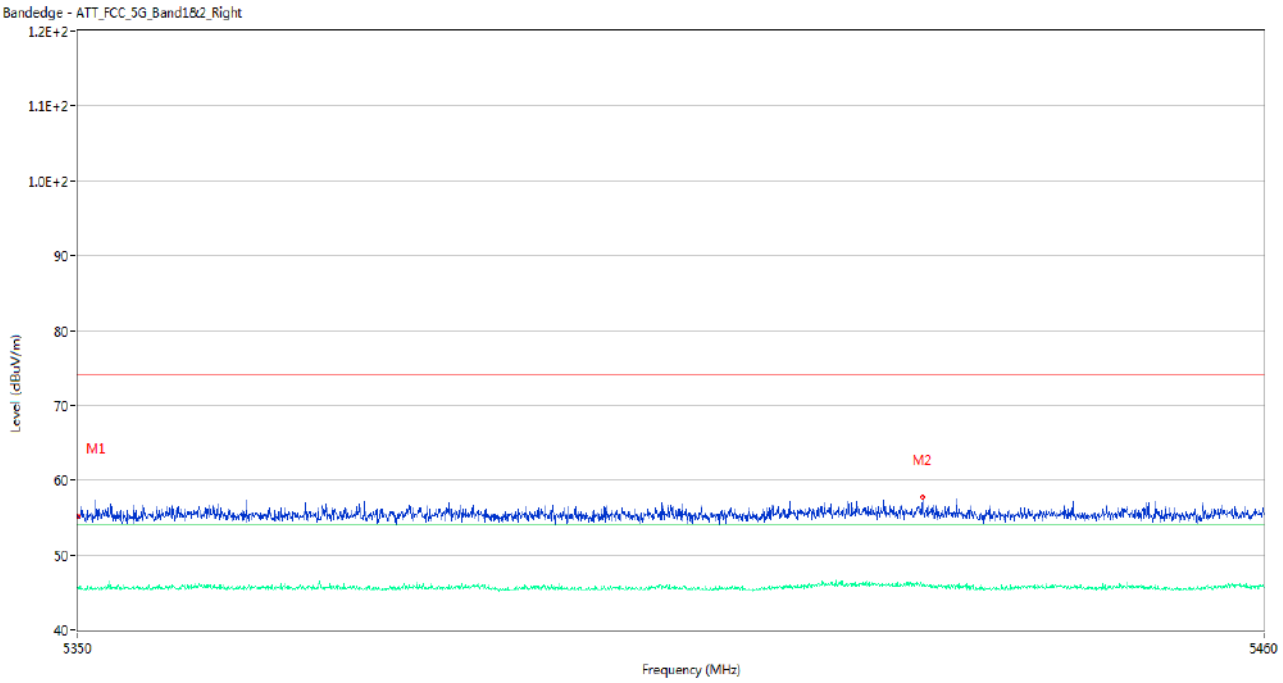
Test Data and Plots

U-NII-1 11a Low Channel



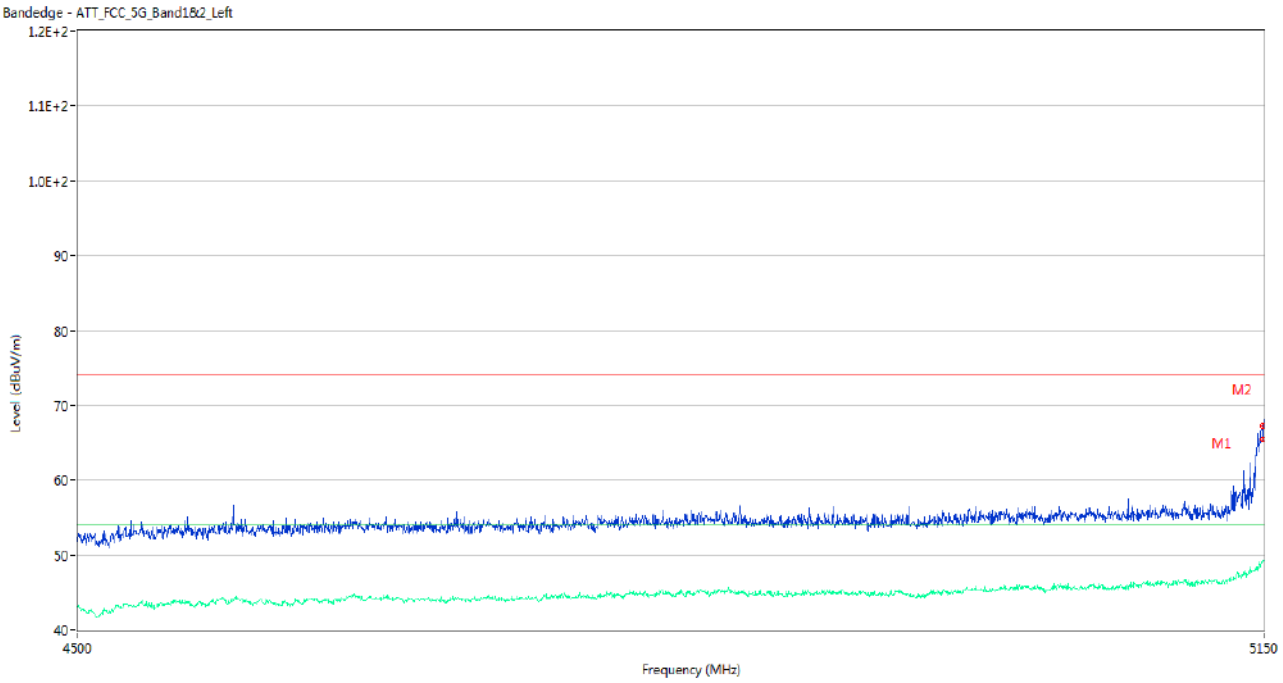
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.100	66.50	2.28	74.0	7.50	Peak	217.00	200	Horizontal	Pass
1**	5146.100	49.53	2.28	54.0	4.47	AV	217.00	200	Horizontal	Pass
2	5149.675	64.38	2.07	74.0	9.62	Peak	223.00	150	Horizontal	Pass
2**	5149.675	50.21	2.07	54.0	3.79	AV	223.00	150	Horizontal	Pass

U-NII-1 11a High Channel



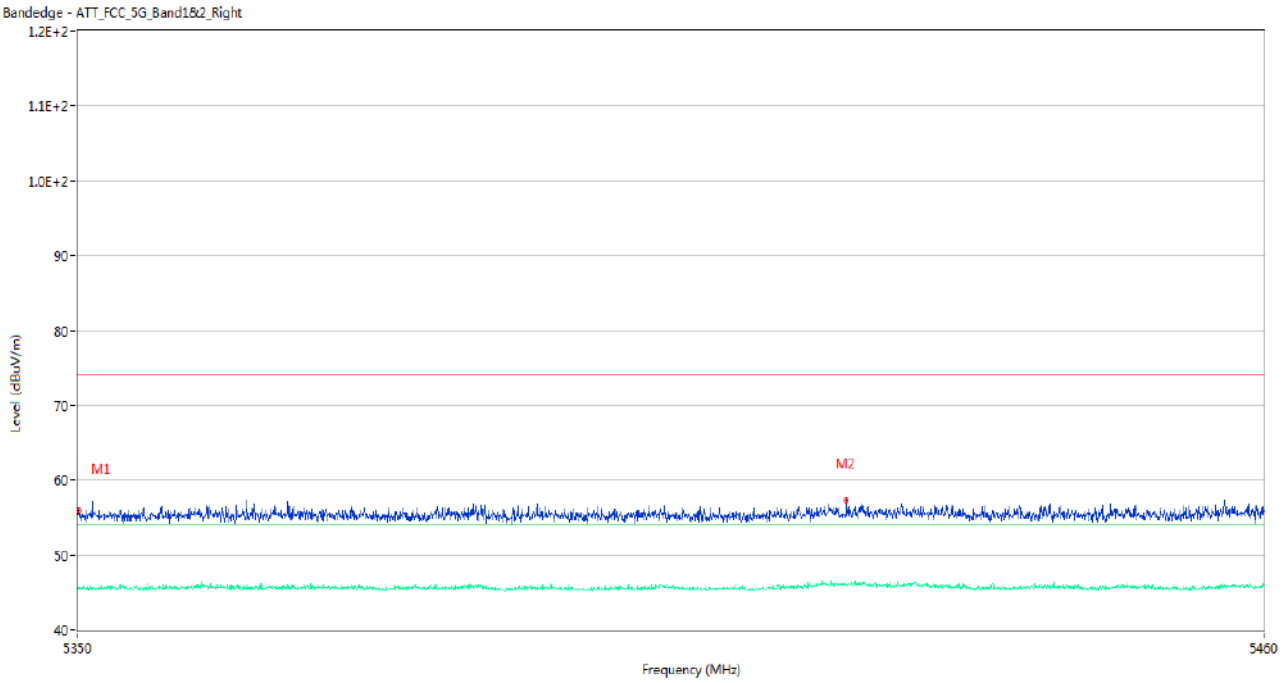
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.26	1.93	74.0	18.74	Peak	229.00	150	Horizontal	Pass
1**	5350.000	45.67	1.93	54.0	8.33	AV	229.00	150	Horizontal	Pass
2	5428.155	57.70	2.45	74.0	16.30	Peak	113.00	100	Horizontal	Pass
2**	5428.155	45.97	2.45	54.0	8.03	AV	113.00	100	Horizontal	Pass

U-NII-1 11n20 Low Channel



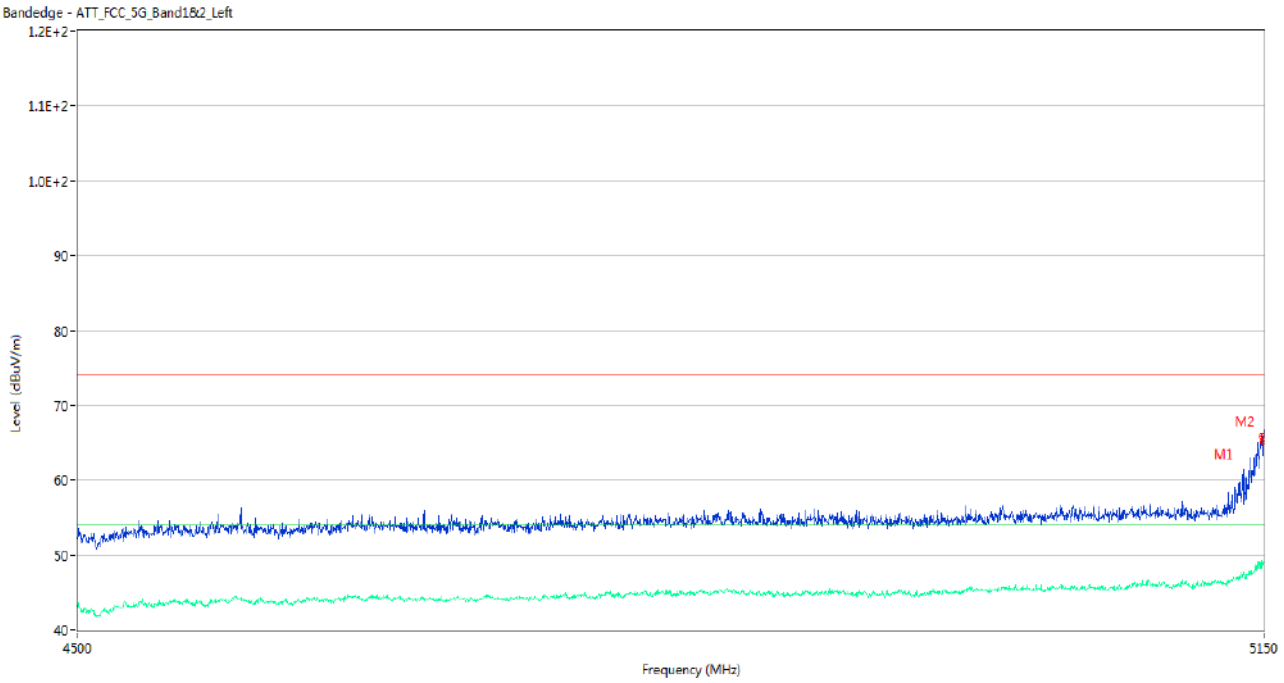
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	67.25	2.05	74.0	6.75	Peak	239.00	200	Horizontal	Pass
1**	5149.350	49.19	2.05	54.0	4.81	AV	239.00	200	Horizontal	Pass
2	5149.675	65.41	2.07	74.0	8.59	Peak	187.00	150	Horizontal	Pass
2**	5149.675	49.40	2.07	54.0	4.60	AV	187.00	150	Horizontal	Pass

U-NII-1 11n20 High Channel



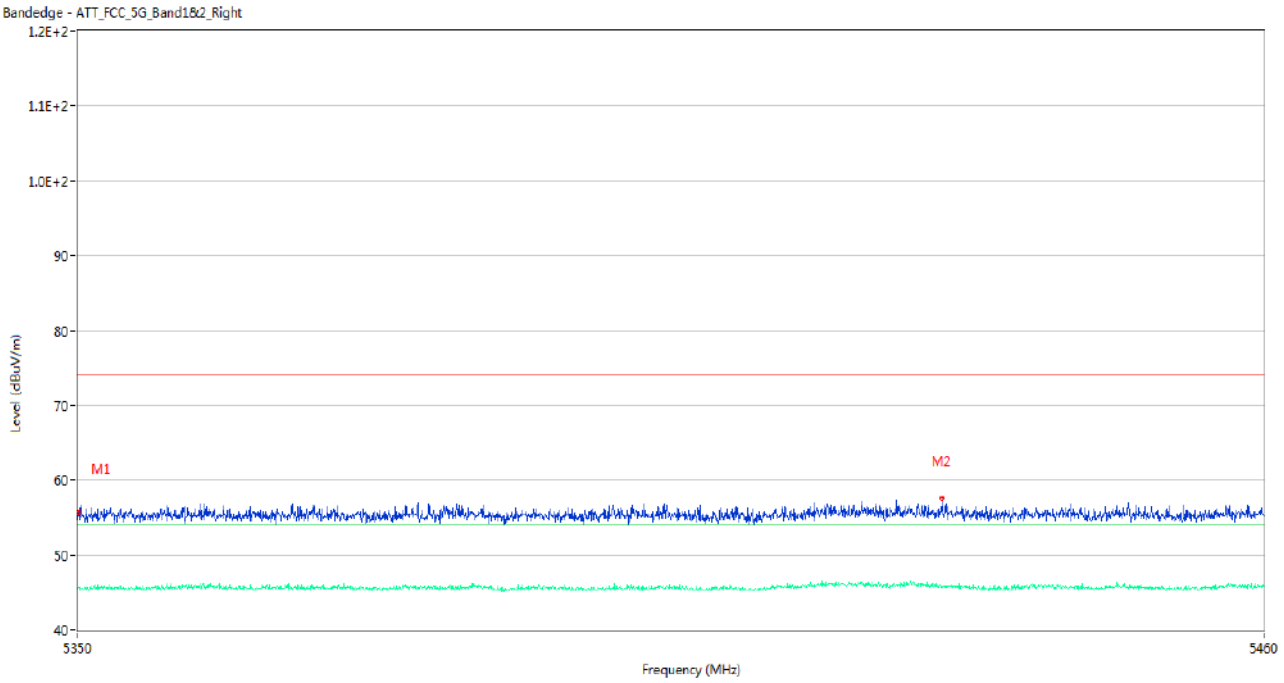
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.98	1.93	74.0	18.02	Peak	335.00	200	Horizontal	Pass
1**	5350.055	45.75	1.93	54.0	8.25	AV	335.00	200	Horizontal	Pass
2	5421.060	57.35	2.43	74.0	16.65	Peak	51.00	100	Horizontal	Pass
2**	5421.060	46.05	2.43	54.0	7.95	AV	51.00	100	Horizontal	Pass

U-NII-1 11n40 Low Channel



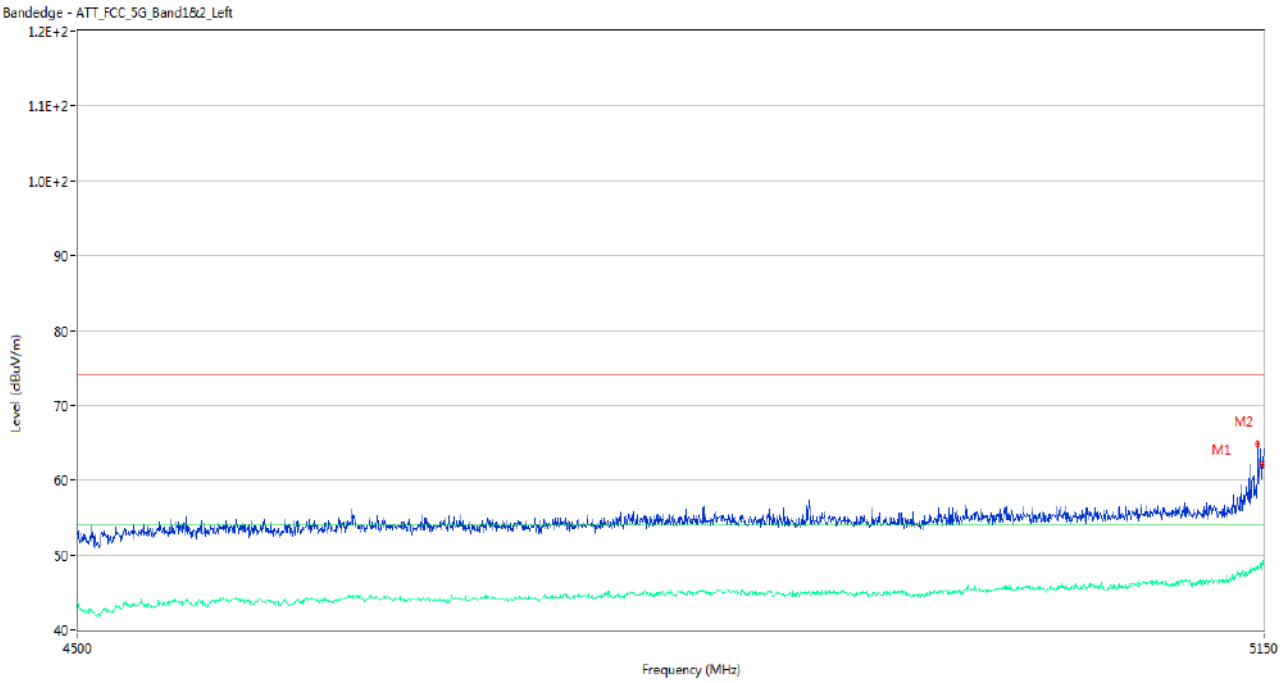
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	65.99	2.02	74.0	8.01	Peak	231.00	200	Horizontal	Pass
1**	5149.025	49.40	2.02	54.0	4.60	AV	231.00	200	Horizontal	Pass
2	5149.675	65.15	2.07	74.0	8.85	Peak	243.00	200	Horizontal	Pass
2**	5149.675	48.71	2.07	54.0	5.29	AV	243.00	200	Horizontal	Pass

U-NII-1 11n40 High Channel



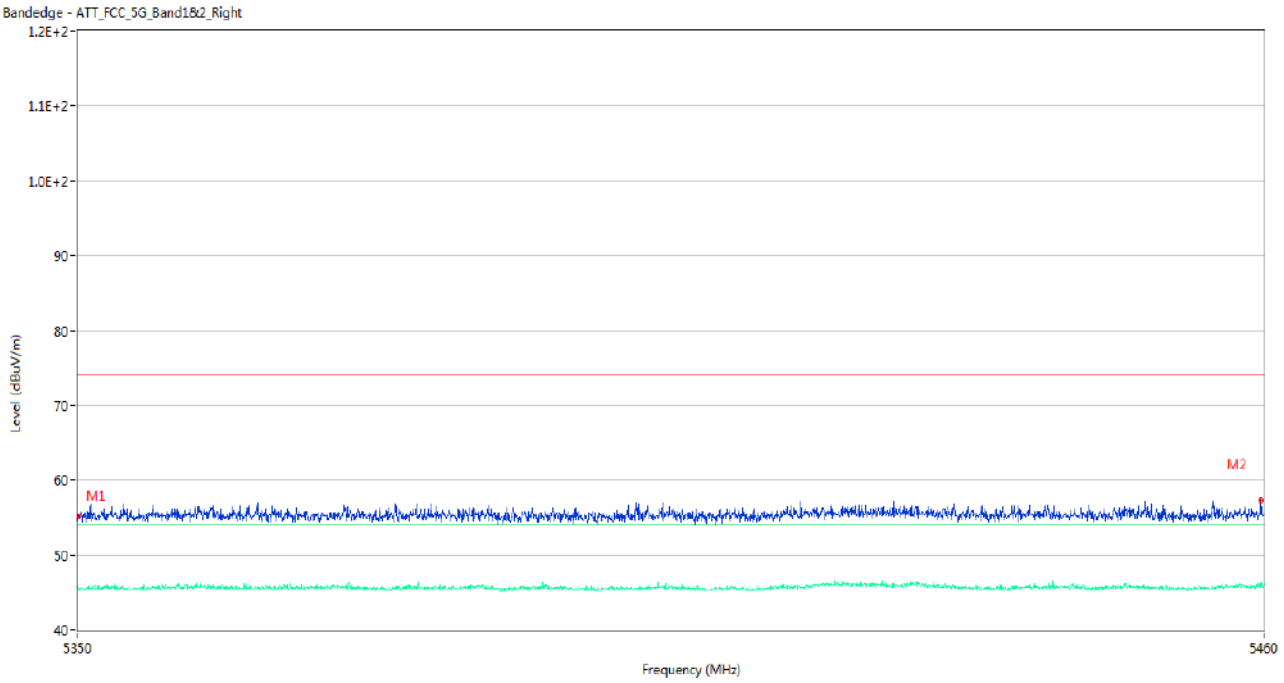
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.63	1.93	74.0	18.37	Peak	0.00	100	Horizontal	Pass
1**	5350.055	45.65	1.93	54.0	8.35	AV	0.00	100	Horizontal	Pass
2	5429.970	57.60	2.30	74.0	16.40	Peak	215.00	200	Horizontal	Pass
2**	5429.970	45.66	2.30	54.0	8.34	AV	215.00	200	Horizontal	Pass

U-NII-1 11ac20 Low Channel



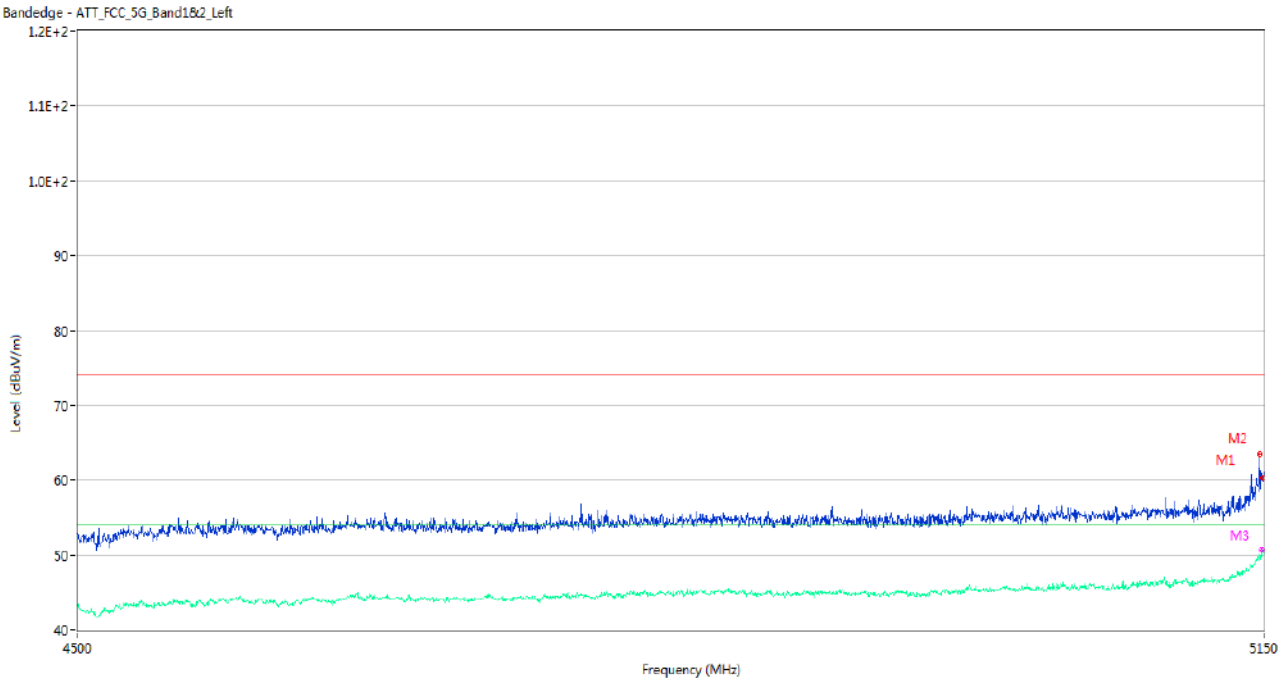
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	64.92	2.29	74.0	9.08	Peak	227.00	100	Horizontal	Pass
1**	5146.750	48.60	2.29	54.0	5.40	AV	227.00	100	Horizontal	Pass
2	5149.675	62.14	2.07	74.0	11.86	Peak	227.00	150	Horizontal	Pass
2**	5149.675	48.88	2.07	54.0	5.12	AV	227.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel



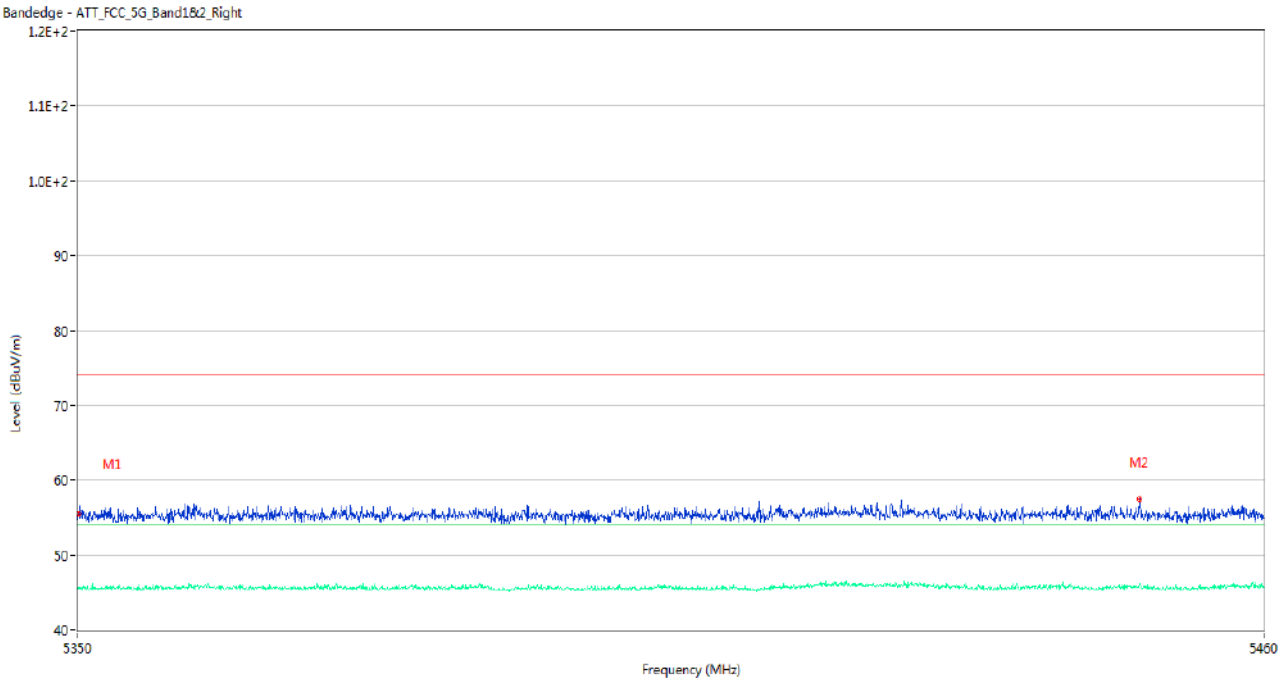
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.15	1.93	74.0	18.85	Peak	260.00	150	Horizontal	Pass
1**	5350.055	45.49	1.93	54.0	8.51	AV	260.00	150	Horizontal	Pass
2	5459.725	57.29	2.46	74.0	16.71	Peak	341.00	200	Horizontal	Pass
2**	5459.725	46.17	2.46	54.0	7.83	AV	341.00	200	Horizontal	Pass

U-NII-1 11ac40 Low Channel



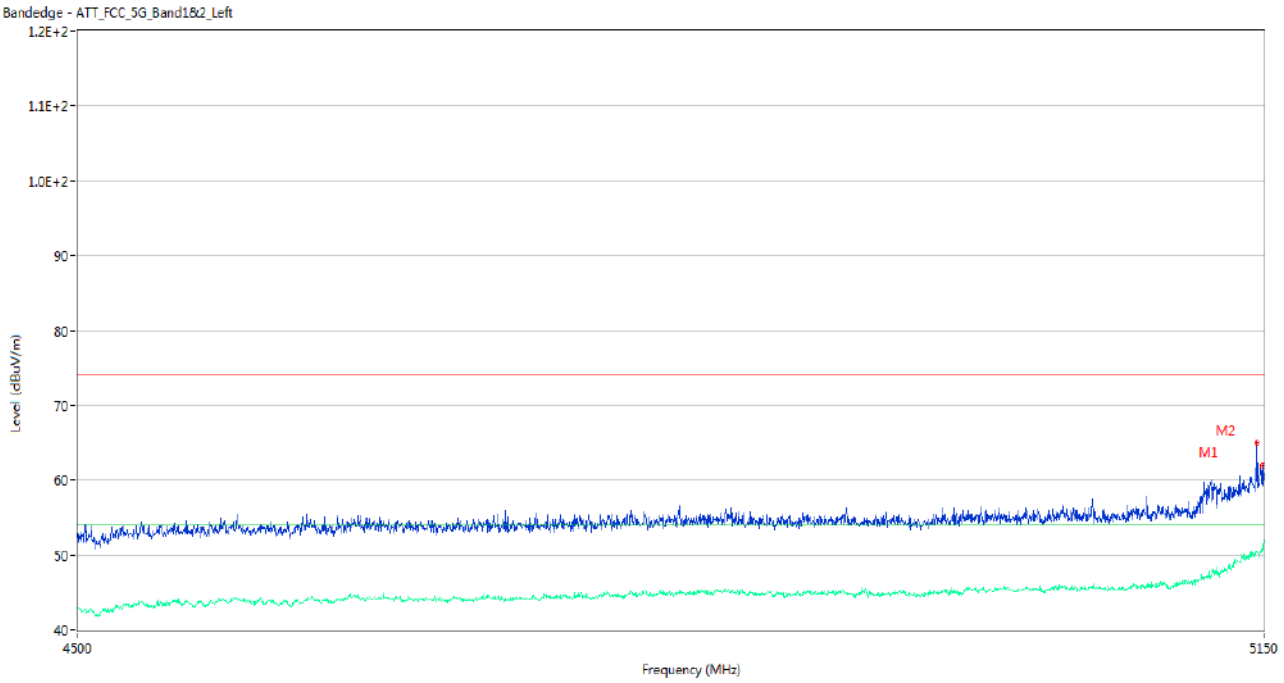
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.400	63.43	2.23	74.0	10.57	Peak	193.00	150	Horizontal	Pass
1**	5147.400	49.89	2.23	54.0	4.11	AV	193.00	150	Horizontal	Pass
2	5149.675	60.30	2.07	74.0	13.70	Peak	234.00	100	Horizontal	Pass
2**	5149.675	50.59	2.07	54.0	3.41	AV	234.00	100	Horizontal	Pass

U-NII-1 11ac40 High Channel



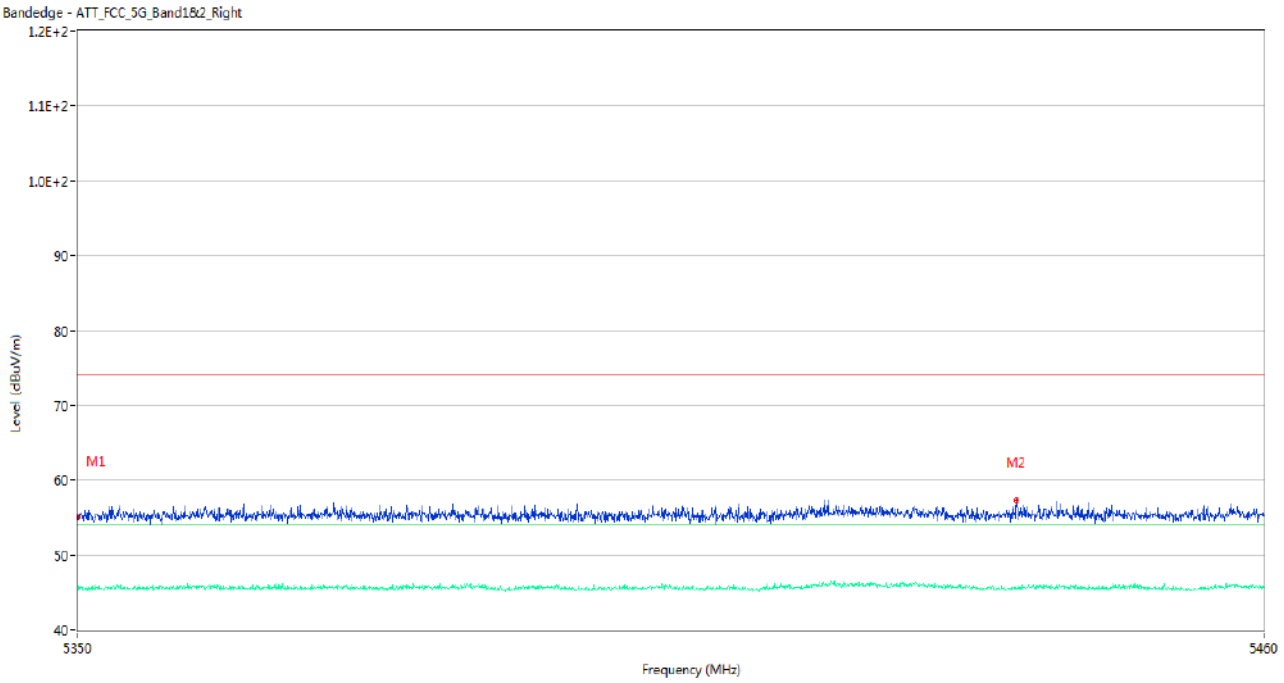
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.47	1.93	74.0	18.53	Peak	170.00	150	Horizontal	Pass
1**	5350.055	45.56	1.93	54.0	8.44	AV	170.00	150	Horizontal	Pass
2	5448.395	57.51	2.37	74.0	16.49	Peak	132.00	100	Horizontal	Pass
2**	5448.395	46.14	2.37	54.0	7.86	AV	132.00	100	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



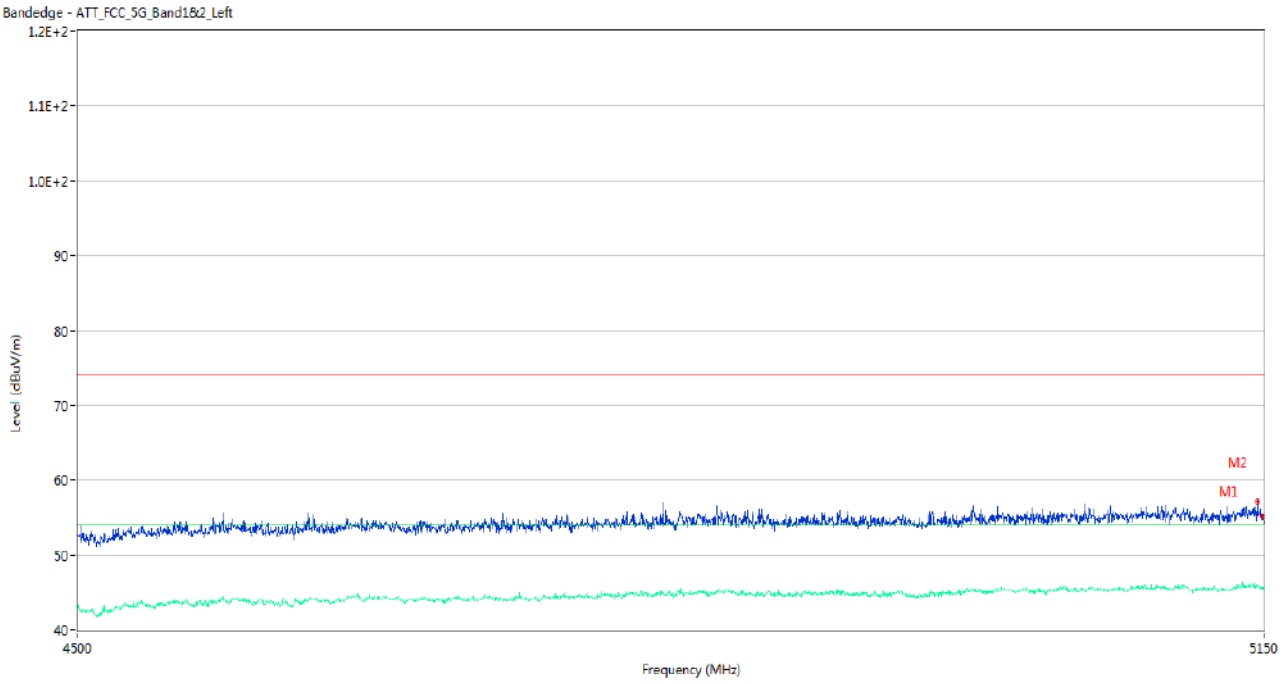
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.100	64.98	2.28	74.0	9.02	Peak	253.00	150	Horizontal	Pass
1**	5146.100	50.59	2.28	54.0	3.41	AV	253.00	150	Horizontal	Pass
2	5149.675	61.93	2.07	74.0	12.07	Peak	240.00	100	Horizontal	Pass
2**	5149.675	50.98	2.07	54.0	3.02	AV	240.00	100	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



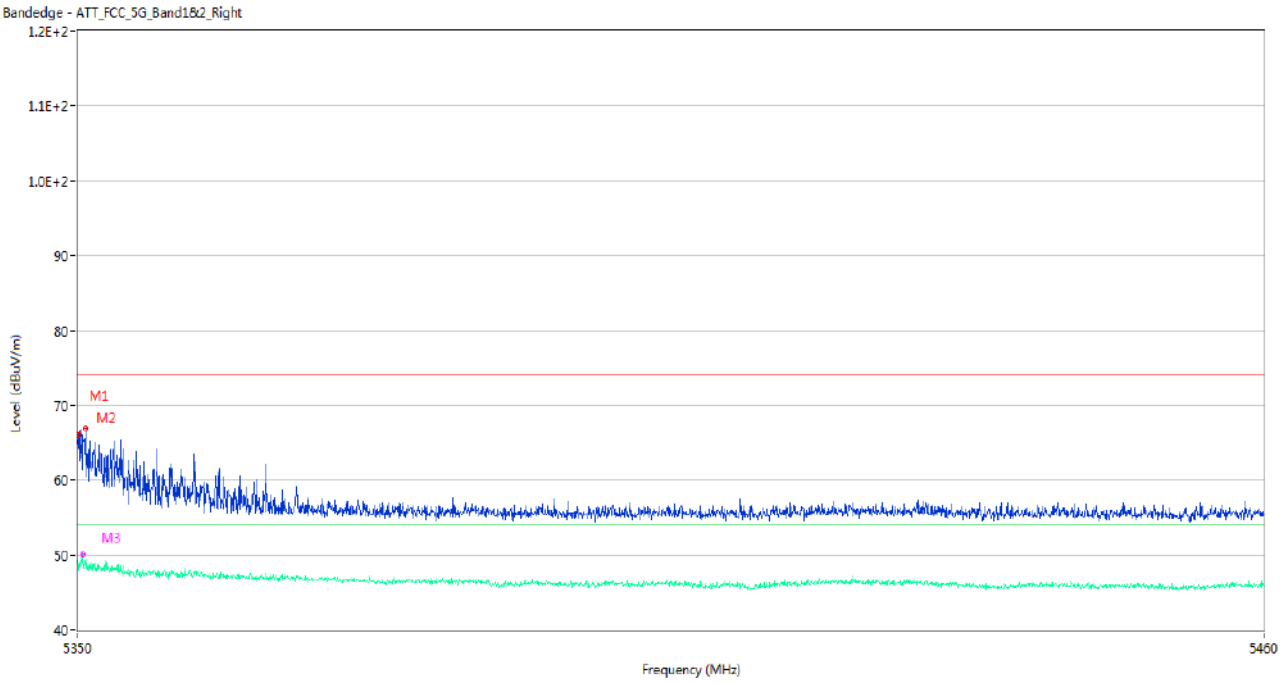
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.12	1.93	74.0	18.88	Peak	353.00	150	Horizontal	Pass
1**	5350.000	45.47	1.93	54.0	8.53	AV	353.00	150	Horizontal	Pass
2	5436.900	57.39	2.17	74.0	16.61	Peak	88.00	100	Horizontal	Pass
2**	5436.900	45.56	2.17	54.0	8.44	AV	88.00	100	Horizontal	Pass

U-NII-2A 11a Low Channel



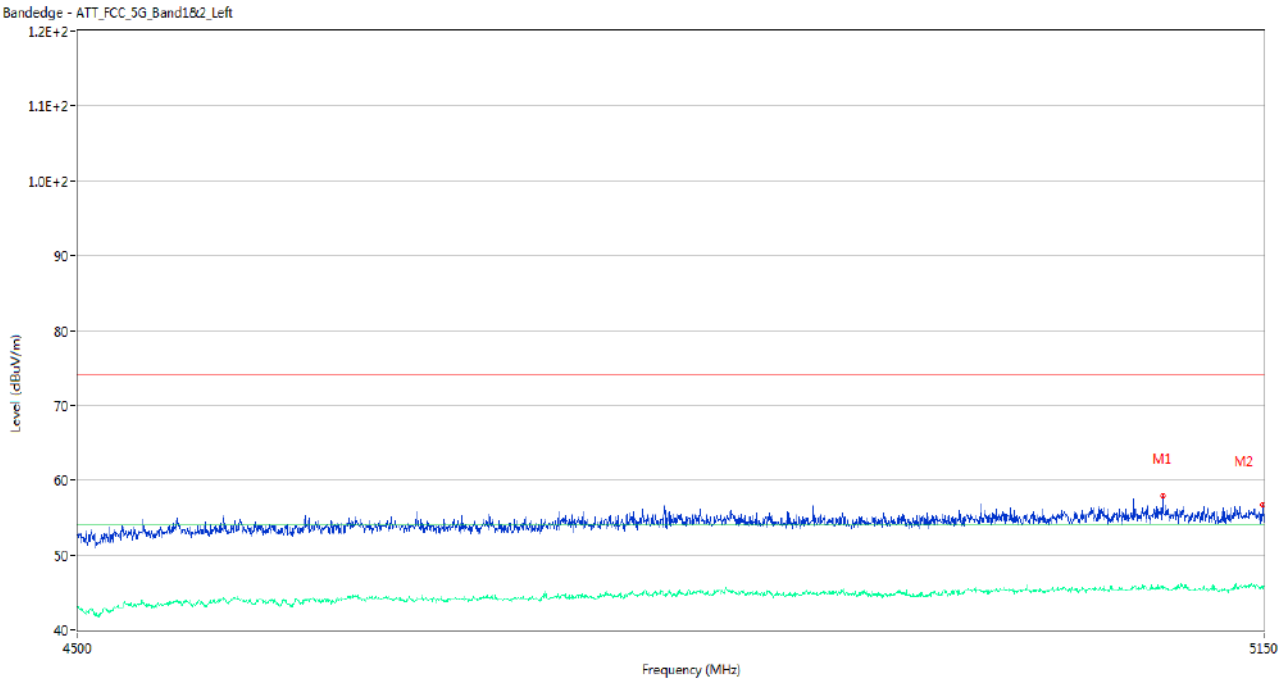
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.425	57.25	2.28	74.0	16.75	Peak	79.00	150	Horizontal	Pass
1**	5146.425	45.72	2.28	54.0	8.28	AV	79.00	150	Horizontal	Pass
2	5149.675	55.27	2.07	74.0	18.73	Peak	200.00	150	Horizontal	Pass
2**	5149.675	45.69	2.07	54.0	8.31	AV	200.00	150	Horizontal	Pass

U-NII-2A 11a High Channel



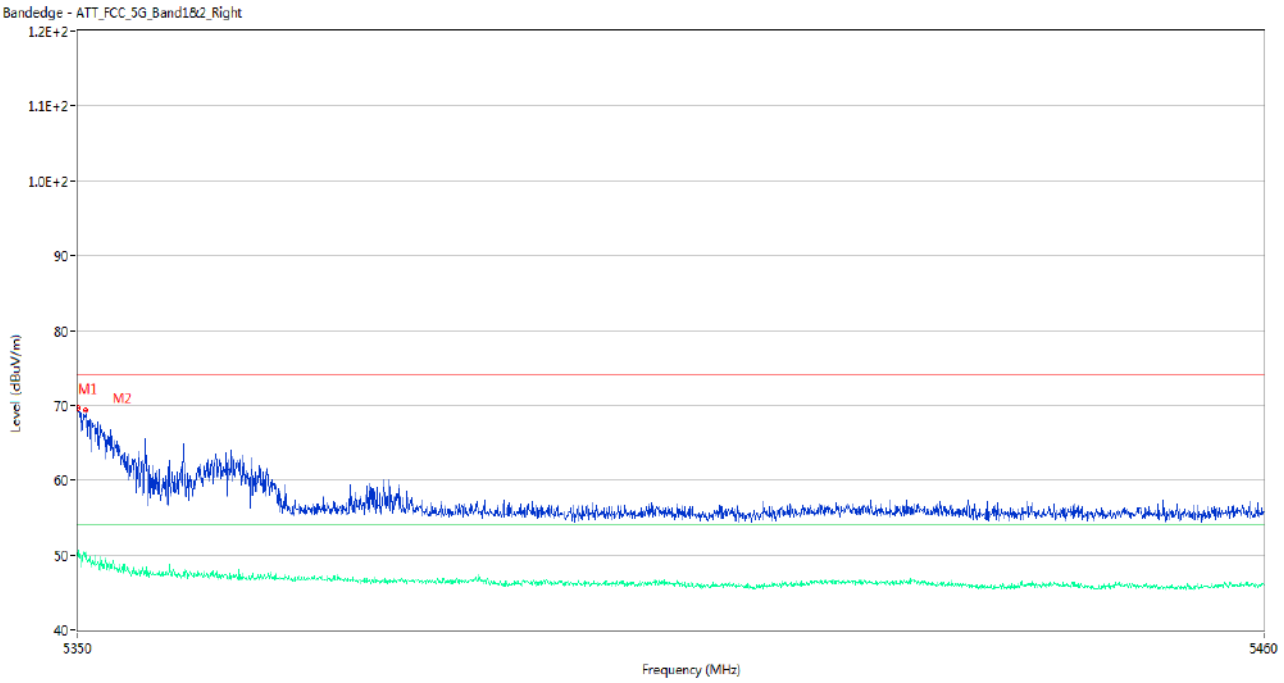
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	66.11	1.93	74.0	7.89	Peak	318.00	150	Horizontal	Pass
1**	5350.055	48.41	1.93	54.0	5.59	AV	318.00	150	Horizontal	Pass
2	5350.715	66.96	1.89	74.0	7.04	Peak	247.00	150	Horizontal	Pass
2**	5350.715	48.26	1.89	54.0	5.74	AV	247.00	150	Horizontal	Pass
3	5350.440	61.41	1.91	74.0	12.59	Peak	233.00	150	Horizontal	Pass
3**	5350.440	50.16	1.91	54.0	3.84	AV	233.00	150	Horizontal	Pass

U-NII-2A 11n20 Low Channel



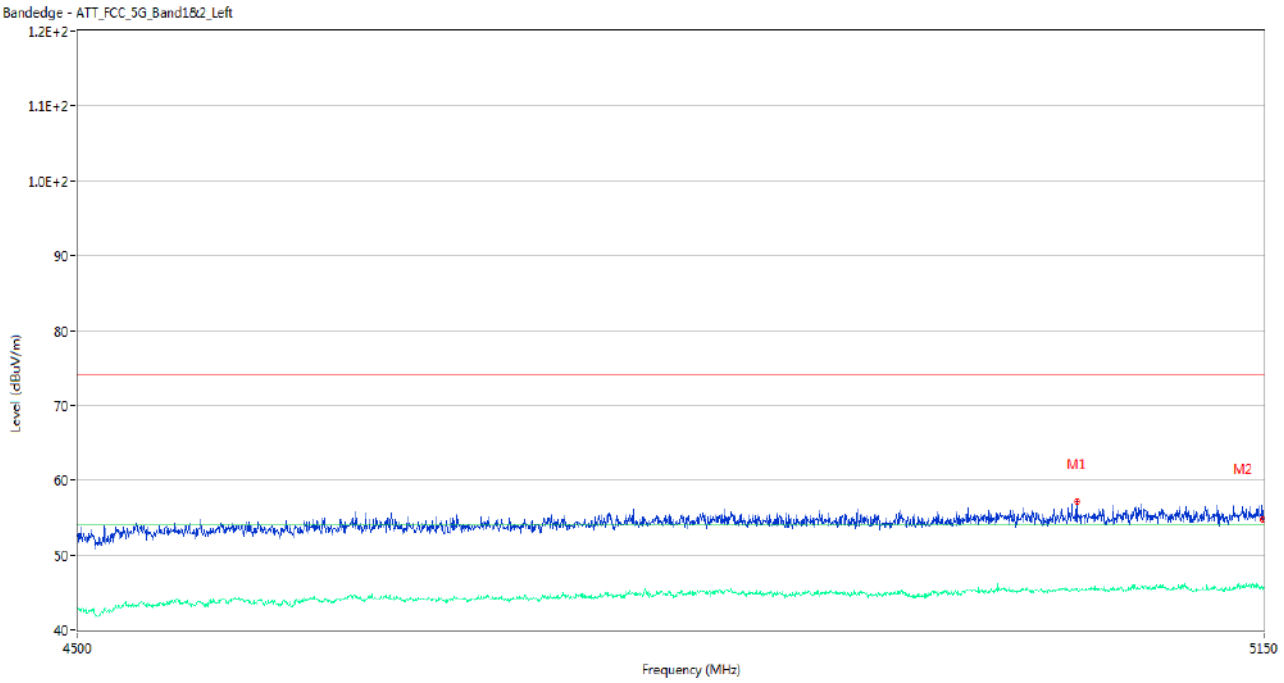
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5091.175	57.89	2.43	74.0	16.11	Peak	329.00	200	Horizontal	Pass
1**	5091.175	45.59	2.43	54.0	8.41	AV	329.00	200	Horizontal	Pass
2	5149.675	56.77	2.07	74.0	17.23	Peak	321.00	100	Horizontal	Pass
2**	5149.675	45.52	2.07	54.0	8.48	AV	321.00	100	Horizontal	Pass

U-NII-2A 11n20 High Channel



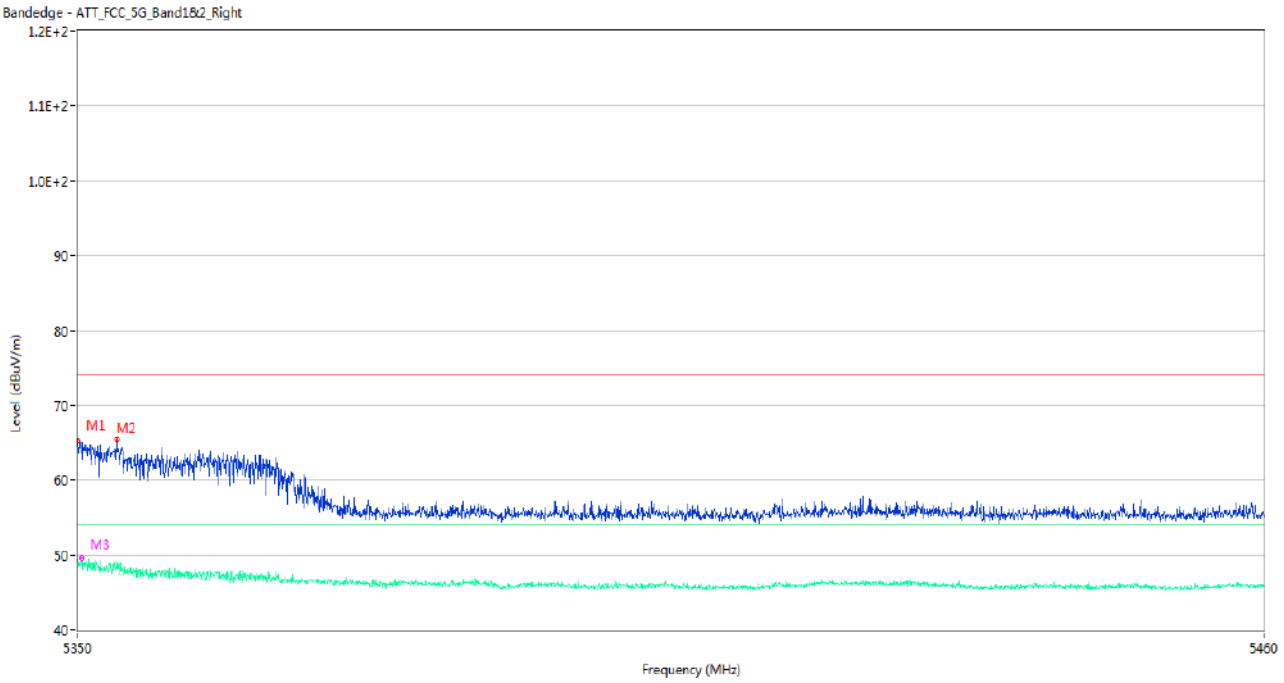
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	69.65	1.93	74.0	4.35	Peak	249.00	200	Horizontal	Pass
1**	5350.000	50.01	1.93	54.0	3.99	AV	249.00	200	Horizontal	Pass
2	5350.770	69.40	1.89	74.0	4.60	Peak	235.00	100	Horizontal	Pass
2**	5350.770	49.55	1.89	54.0	4.45	AV	235.00	100	Horizontal	Pass

U-NII-2A 11n40 Low Channel



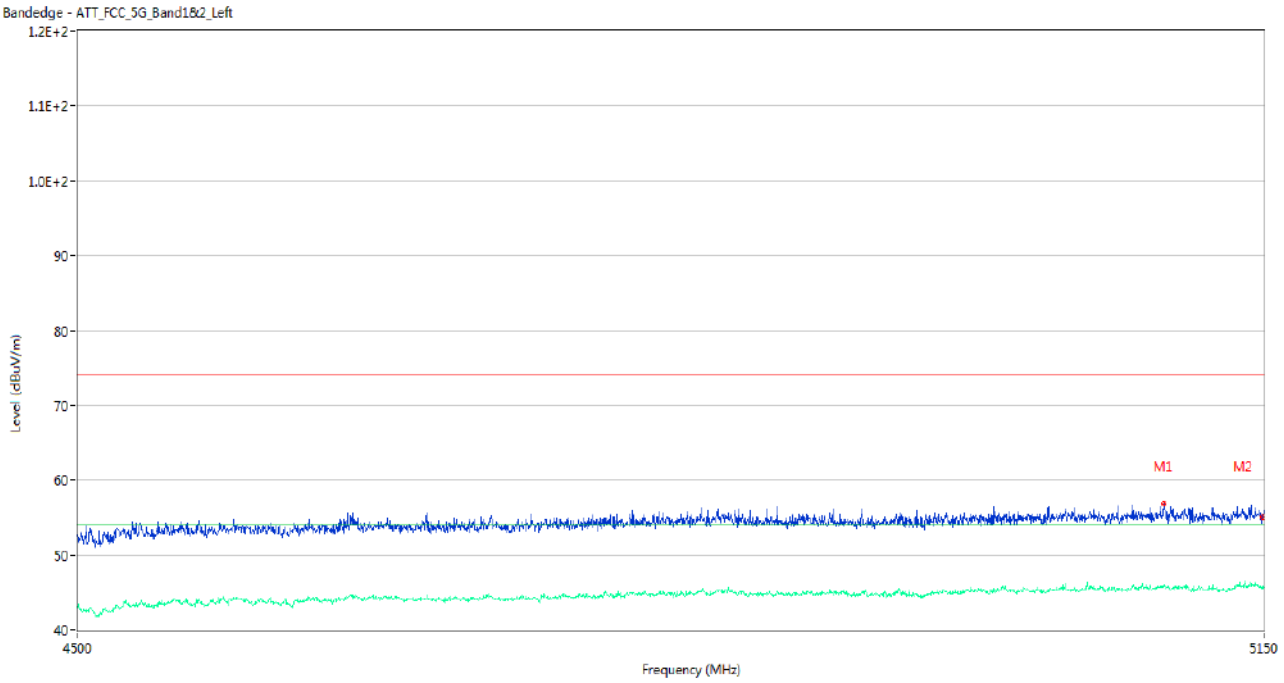
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5041.775	57.11	1.94	74.0	16.89	Peak	122.00	100	Horizontal	Pass
1**	5041.775	45.52	1.94	54.0	8.48	AV	122.00	100	Horizontal	Pass
2	5149.675	54.69	2.07	74.0	19.31	Peak	237.00	200	Horizontal	Pass
2**	5149.675	45.49	2.07	54.0	8.51	AV	237.00	200	Horizontal	Pass

U-NII-2A 11n40 High Channel



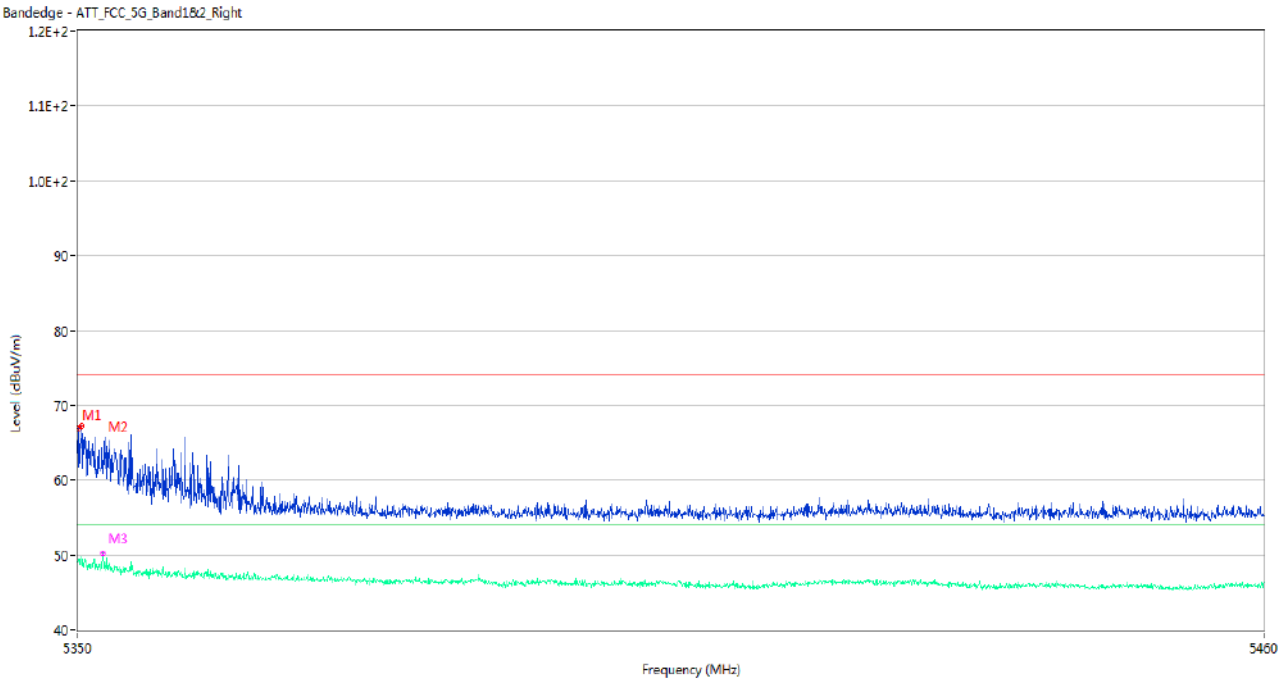
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	65.27	1.93	74.0	8.73	Peak	234.00	200	Horizontal	Pass
1**	5350.000	49.44	1.93	54.0	4.56	AV	234.00	200	Horizontal	Pass
2	5353.575	65.43	2.13	74.0	8.57	Peak	237.00	100	Horizontal	Pass
2**	5353.575	48.29	2.13	54.0	5.71	AV	237.00	100	Horizontal	Pass
3	5350.330	64.21	1.91	74.0	9.79	Peak	228.00	150	Horizontal	Pass
3**	5350.330	49.58	1.91	54.0	4.42	AV	228.00	150	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



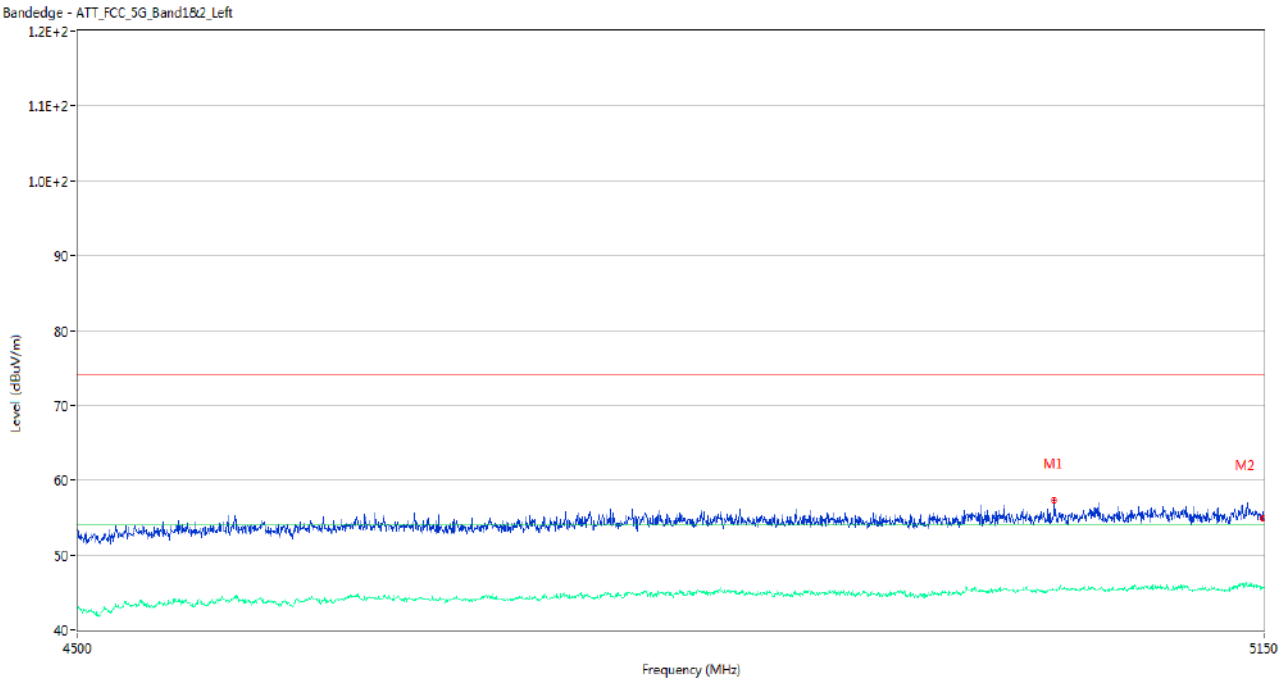
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5091.825	56.84	2.42	74.0	17.16	Peak	0.00	100	Horizontal	Pass
1**	5091.825	46.03	2.42	54.0	7.97	AV	0.00	100	Horizontal	Pass
2	5149.675	55.04	2.07	74.0	18.96	Peak	222.00	200	Horizontal	Pass
2**	5149.675	45.93	2.07	54.0	8.07	AV	222.00	200	Horizontal	Pass

U-NII-2A 11ac20 High Channel



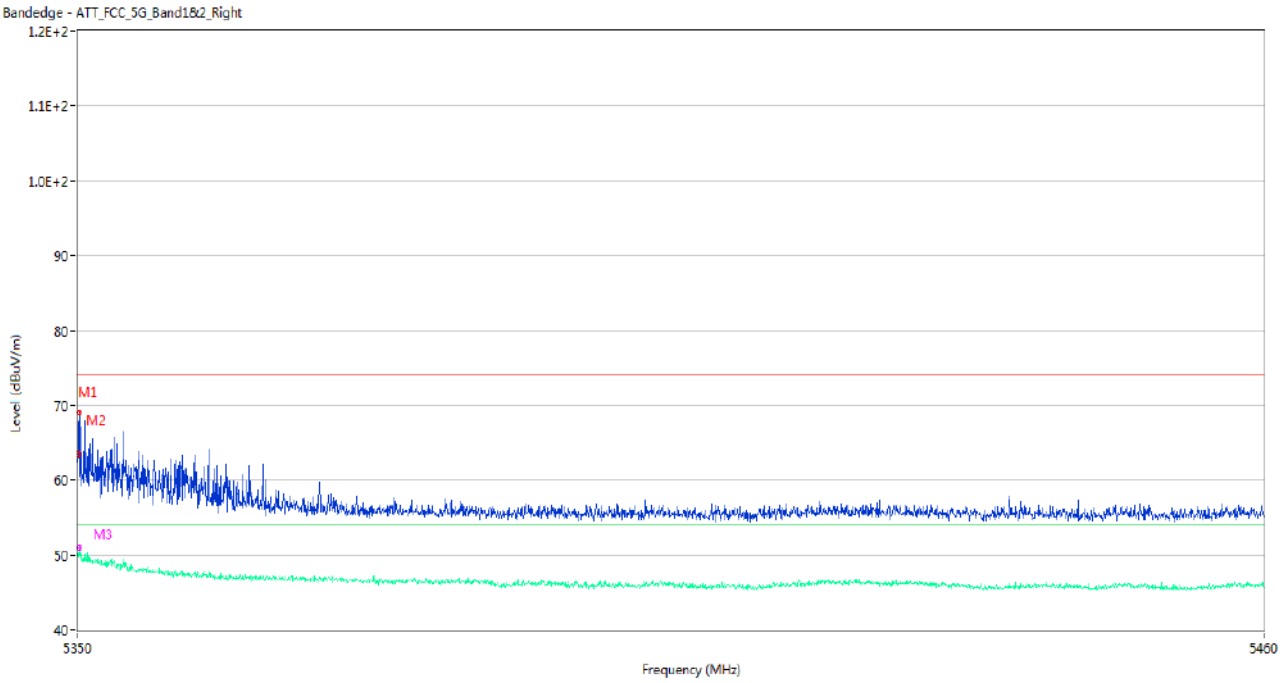
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	67.01	1.93	74.0	6.99	Peak	229.00	100	Horizontal	Pass
1**	5350.055	49.35	1.93	54.0	4.65	AV	229.00	100	Horizontal	Pass
2	5350.385	67.31	1.91	74.0	6.69	Peak	203.00	100	Horizontal	Pass
2**	5350.385	48.76	1.91	54.0	5.24	AV	203.00	100	Horizontal	Pass
3	5352.310	60.99	2.08	74.0	13.01	Peak	225.00	150	Horizontal	Pass
3**	5352.310	50.27	2.08	54.0	3.73	AV	225.00	150	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



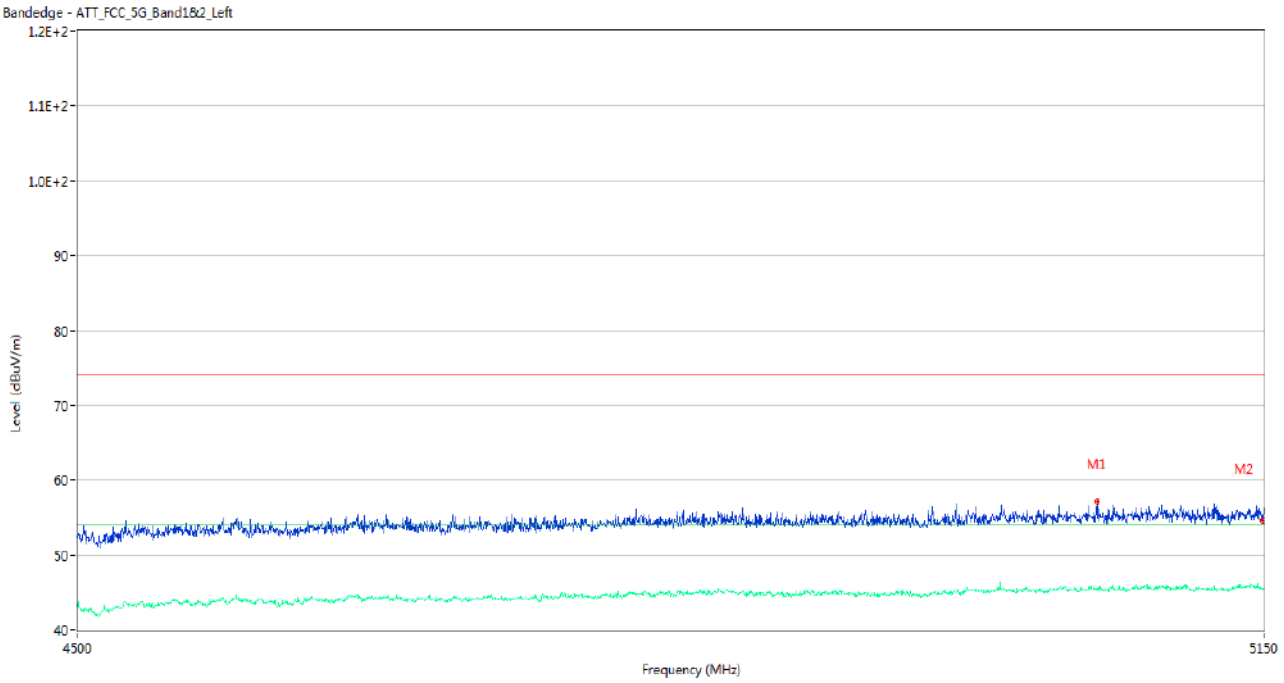
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5028.775	57.26	2.00	74.0	16.74	Peak	61.00	200	Horizontal	Pass
1**	5028.775	45.49	2.00	54.0	8.51	AV	61.00	200	Horizontal	Pass
2	5149.675	54.99	2.07	74.0	19.01	Peak	215.00	100	Horizontal	Pass
2**	5149.675	45.78	2.07	54.0	8.22	AV	215.00	100	Horizontal	Pass

U-NII-2A 11ac40 High Channel



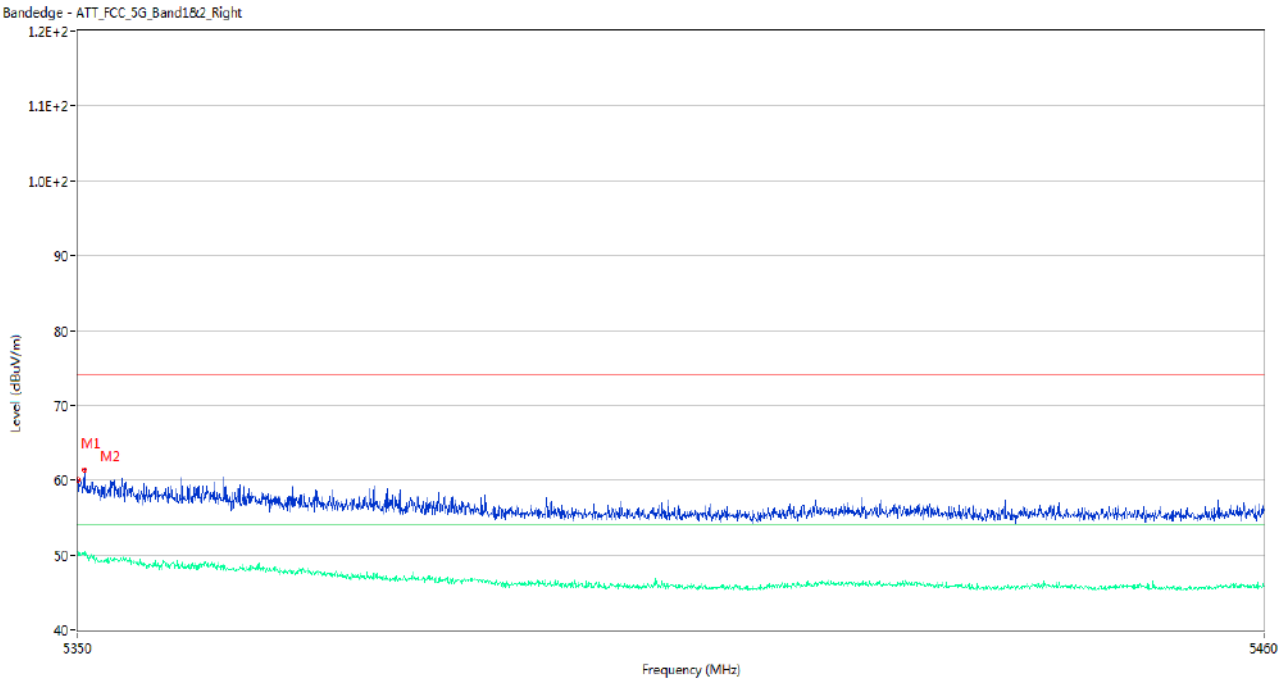
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	63.54	1.93	74.0	10.46	Peak	238.00	150	Horizontal	Pass
1**	5350.055	50.25	1.93	54.0	3.75	AV	238.00	150	Horizontal	Pass
2	5350.165	69.06	1.92	74.0	4.94	Peak	221.00	150	Horizontal	Pass
2**	5350.165	49.87	1.92	54.0	4.13	AV	221.00	150	Horizontal	Pass
3	5350.220	61.63	1.92	74.0	12.37	Peak	235.00	150	Horizontal	Pass
3**	5350.220	50.92	1.92	54.0	3.08	AV	235.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



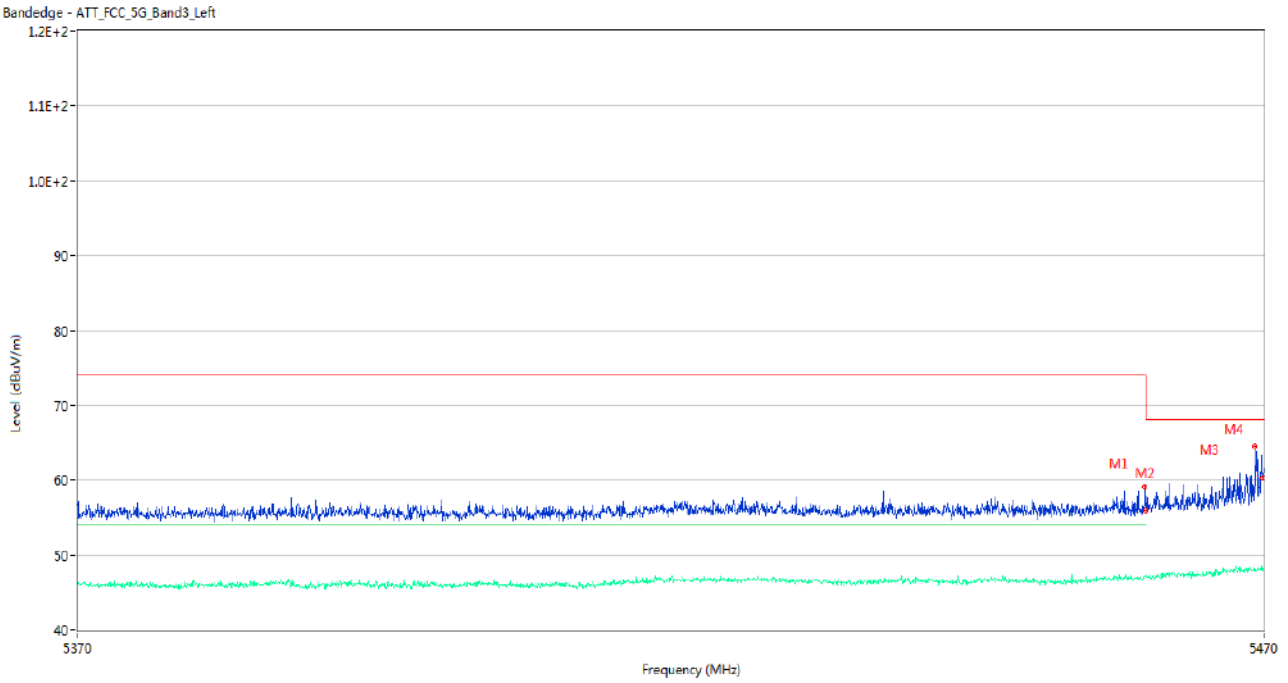
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5053.150	57.13	2.00	74.0	16.87	Peak	21.00	150	Horizontal	Pass
1**	5053.150	45.31	2.00	54.0	8.69	AV	21.00	150	Horizontal	Pass
2	5149.675	54.64	2.07	74.0	19.36	Peak	5.00	200	Horizontal	Pass
2**	5149.675	45.59	2.07	54.0	8.41	AV	5.00	200	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



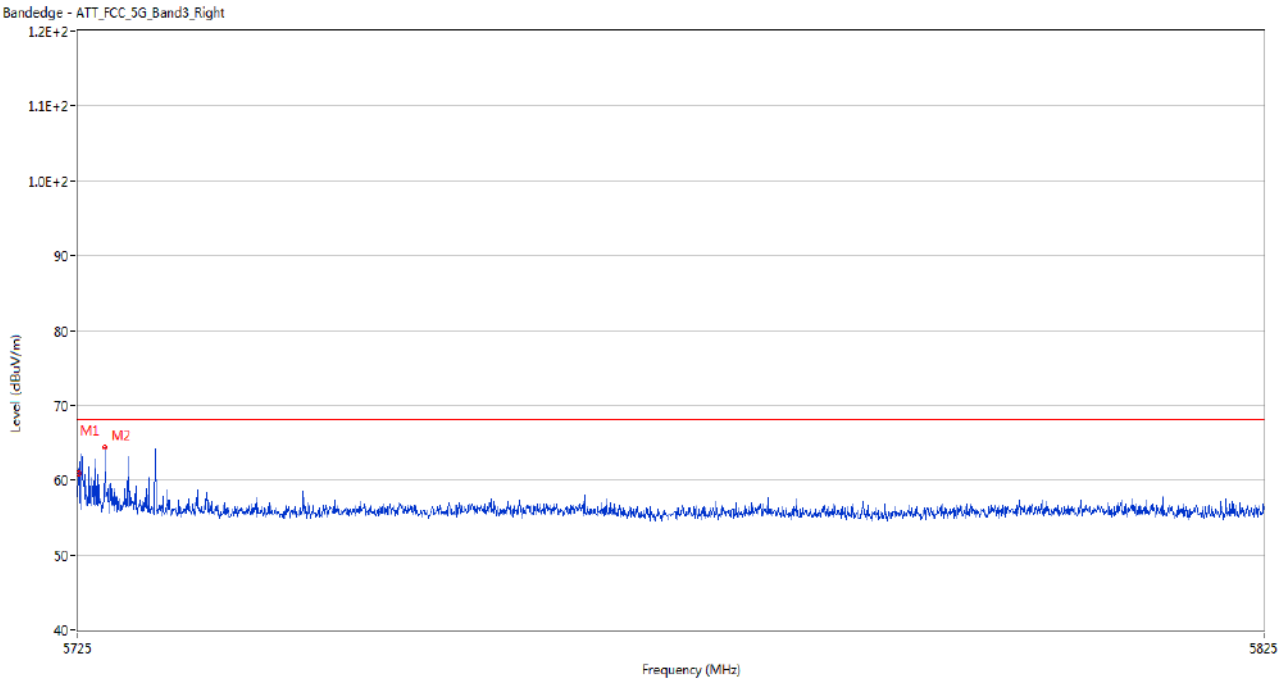
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.99	1.93	74.0	14.01	Peak	219.00	200	Horizontal	Pass
1**	5350.000	50.57	1.93	54.0	3.43	AV	219.00	200	Horizontal	Pass
2	5350.605	61.44	1.90	74.0	12.56	Peak	230.00	100	Horizontal	Pass
2**	5350.605	50.61	1.90	54.0	3.39	AV	230.00	100	Horizontal	Pass

U-NII-2C 11a Low Channel



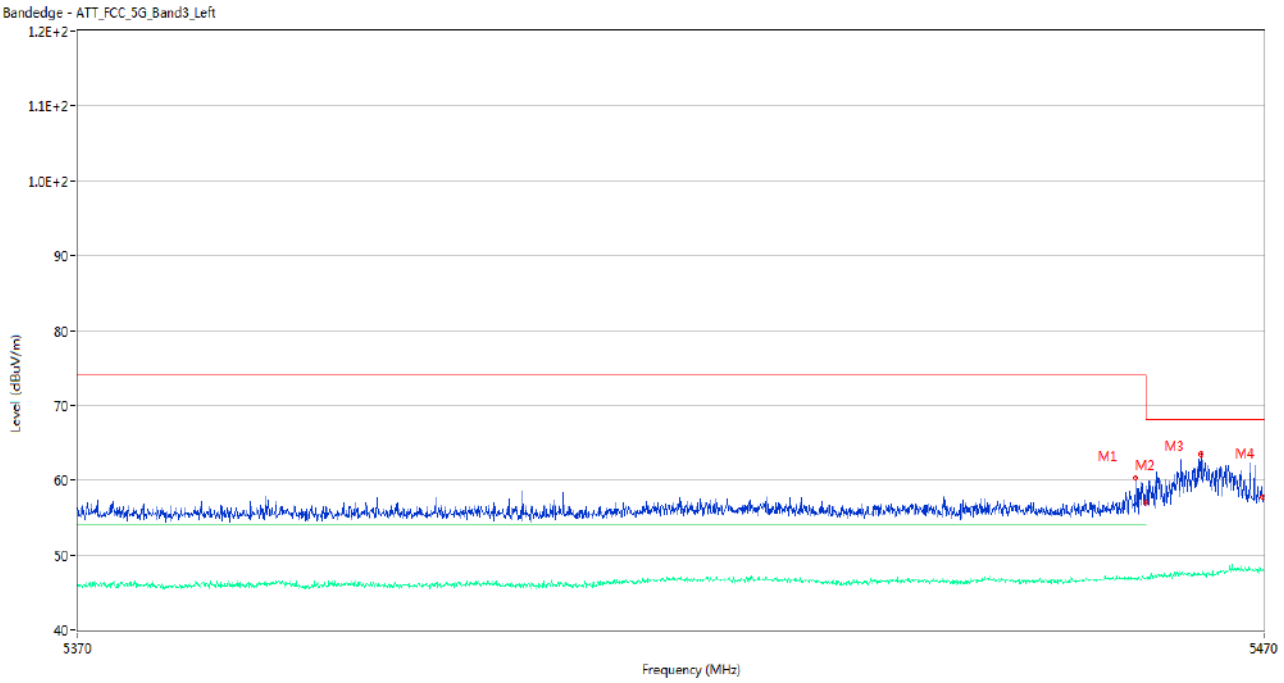
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.900	59.14	2.48	74.0	14.86	Peak	240.00	100	Horizontal	Pass
1**	5459.900	47.29	2.48	54.0	6.71	AV	240.00	100	Horizontal	Pass
2	5460.000	55.98	2.50	74.0	18.02	Peak	79.00	200	Horizontal	Pass
2**	5460.000	47.14	2.50	54.0	6.86	AV	79.00	200	Horizontal	Pass
3	5469.250	64.60	2.95	68.2	3.60	Peak	360.00	200	Horizontal	Pass
3**	5469.250	47.85	2.95	--	--	AV	360.00	200	Horizontal	N/A
4	5469.950	60.29	2.87	68.2	7.91	Peak	249.00	150	Horizontal	Pass
4**	5469.950	48.04	2.87	--	--	AV	249.00	150	Horizontal	N/A

U-NII-2C 11a High Channel



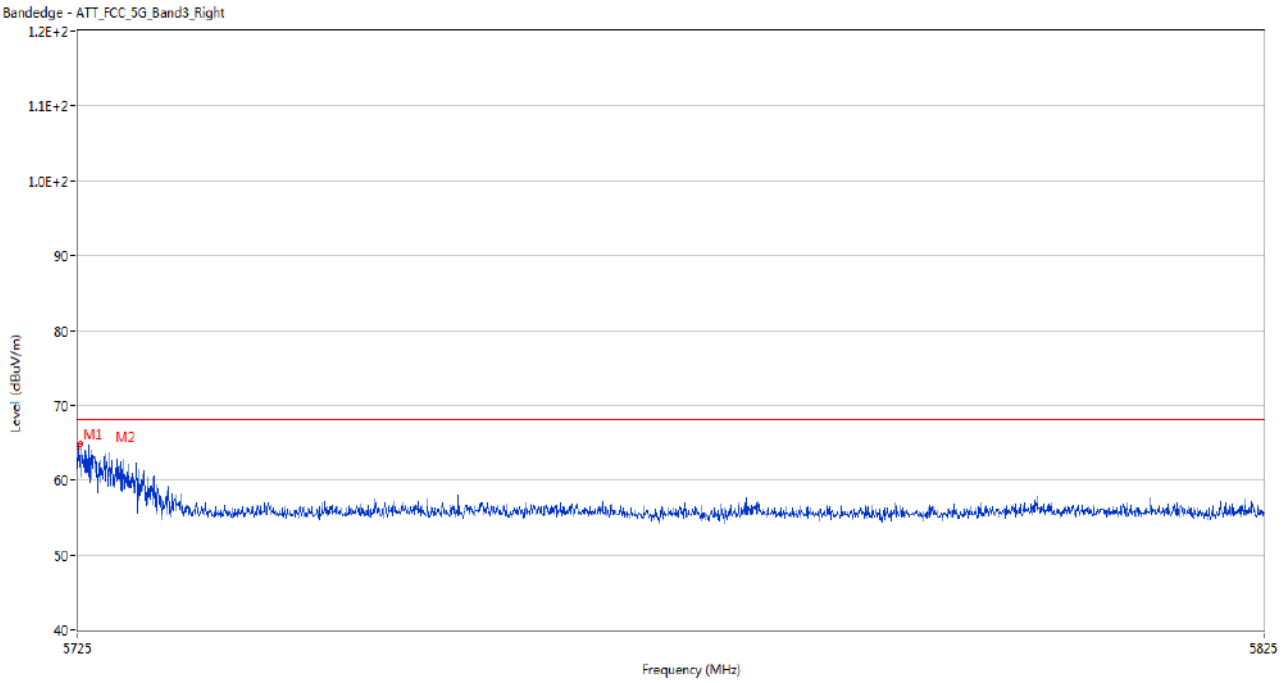
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	60.99	2.55	68.2	7.21	Peak	247.00	100	Horizontal	Pass
2	5727.300	64.47	2.53	68.2	3.73	Peak	82.00	200	Horizontal	Pass

U-NII-2C 11n20 Low Channel



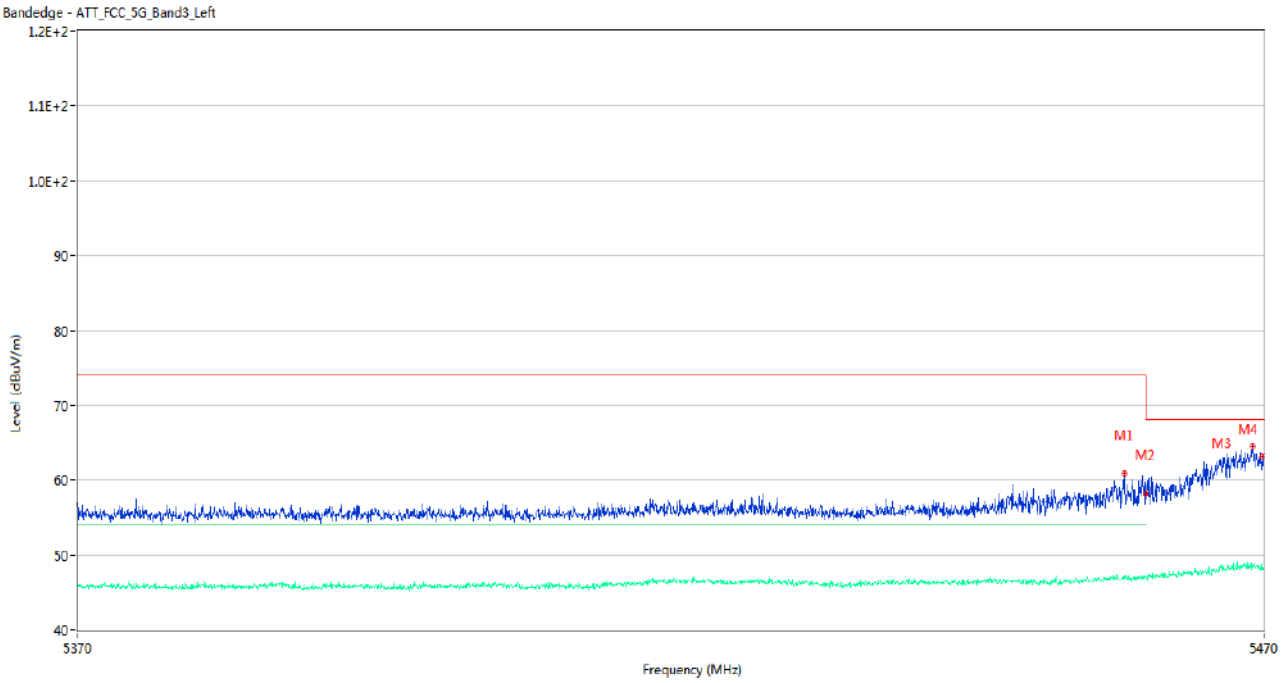
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.100	60.26	2.40	74.0	13.74	Peak	236.00	200	Horizontal	Pass
1**	5459.100	46.86	2.40	54.0	7.14	AV	236.00	200	Horizontal	Pass
2	5460.000	57.00	2.50	74.0	17.00	Peak	81.00	200	Horizontal	Pass
2**	5460.000	46.96	2.50	54.0	7.04	AV	81.00	200	Horizontal	Pass
3	5464.700	63.46	2.73	68.2	4.74	Peak	85.00	100	Horizontal	Pass
3**	5464.700	47.31	2.73	--	--	AV	85.00	100	Horizontal	N/A
4	5469.950	57.83	2.87	68.2	10.37	Peak	236.00	100	Horizontal	Pass
4**	5469.950	48.04	2.87	--	--	AV	236.00	100	Horizontal	N/A

U-NII-2C 11n20 High Channel



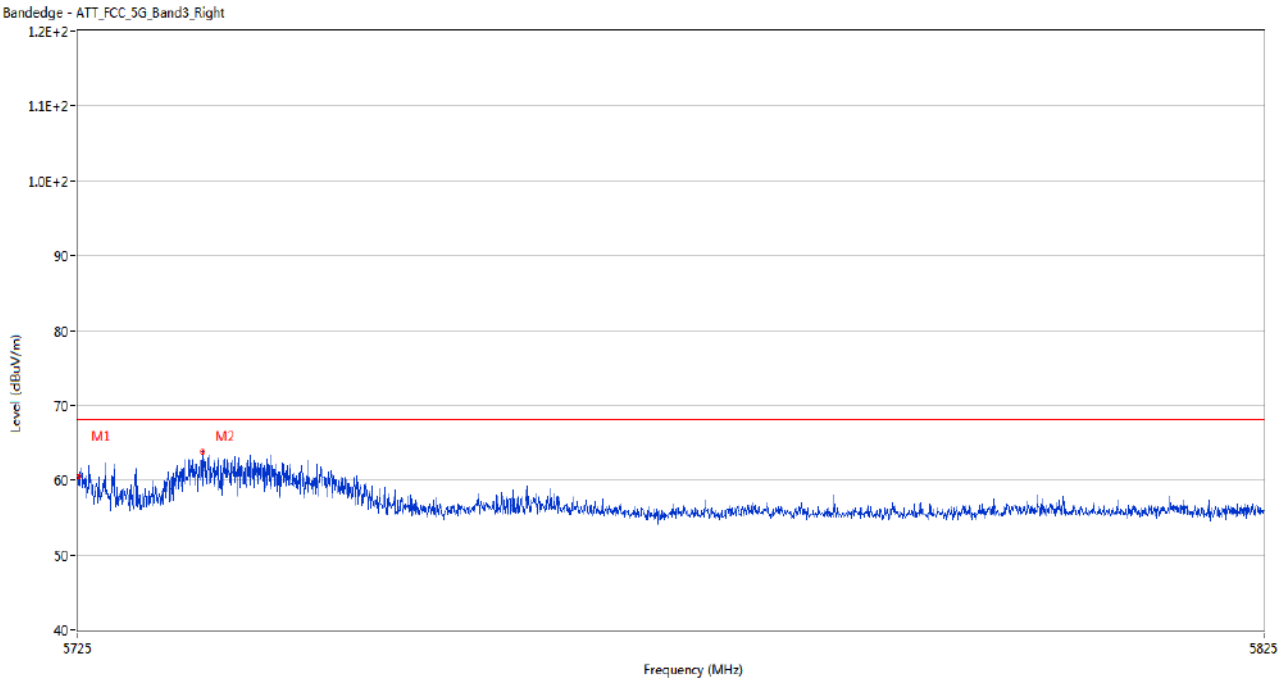
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	64.53	2.55	68.2	3.67	Peak	74.00	200	Horizontal	Pass
2	5725.250	64.79	2.55	68.2	3.41	Peak	79.00	200	Horizontal	Pass

U-NII-2C 11n40 Low Channel



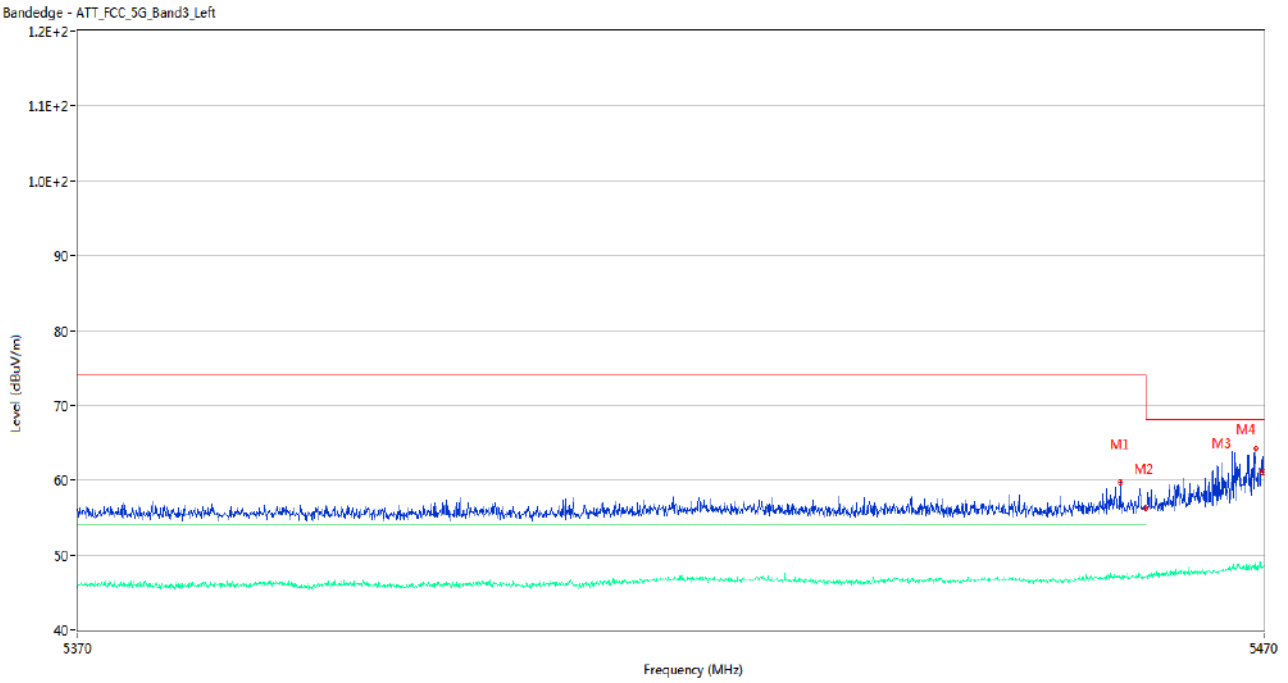
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.150	61.00	2.46	74.0	13.00	Peak	229.00	150	Horizontal	Pass
1**	5458.150	46.98	2.46	54.0	7.02	AV	229.00	150	Horizontal	Pass
2	5460.000	58.29	2.50	74.0	15.71	Peak	235.00	150	Horizontal	Pass
2**	5460.000	46.93	2.50	54.0	7.07	AV	235.00	150	Horizontal	Pass
3	5469.050	64.58	2.98	68.2	3.62	Peak	245.00	200	Horizontal	Pass
3**	5469.050	48.50	2.98	--	--	AV	245.00	200	Horizontal	N/A
4	5469.950	63.25	2.87	68.2	4.95	Peak	256.00	100	Horizontal	Pass
4**	5469.950	48.28	2.87	--	--	AV	256.00	100	Horizontal	N/A

U-NII-2C 11n40 High Channel



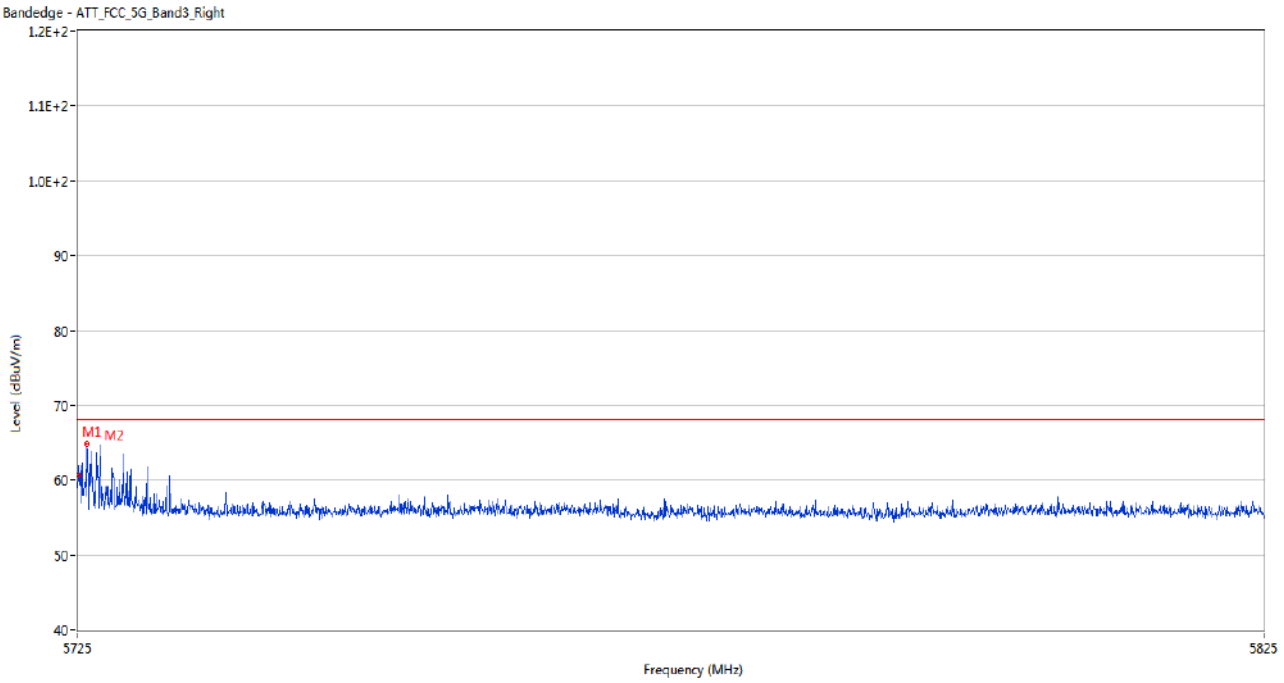
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	60.52	2.55	68.2	7.68	Peak	81.00	150	Horizontal	Pass
2	5735.500	63.79	2.25	68.2	4.41	Peak	75.00	150	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



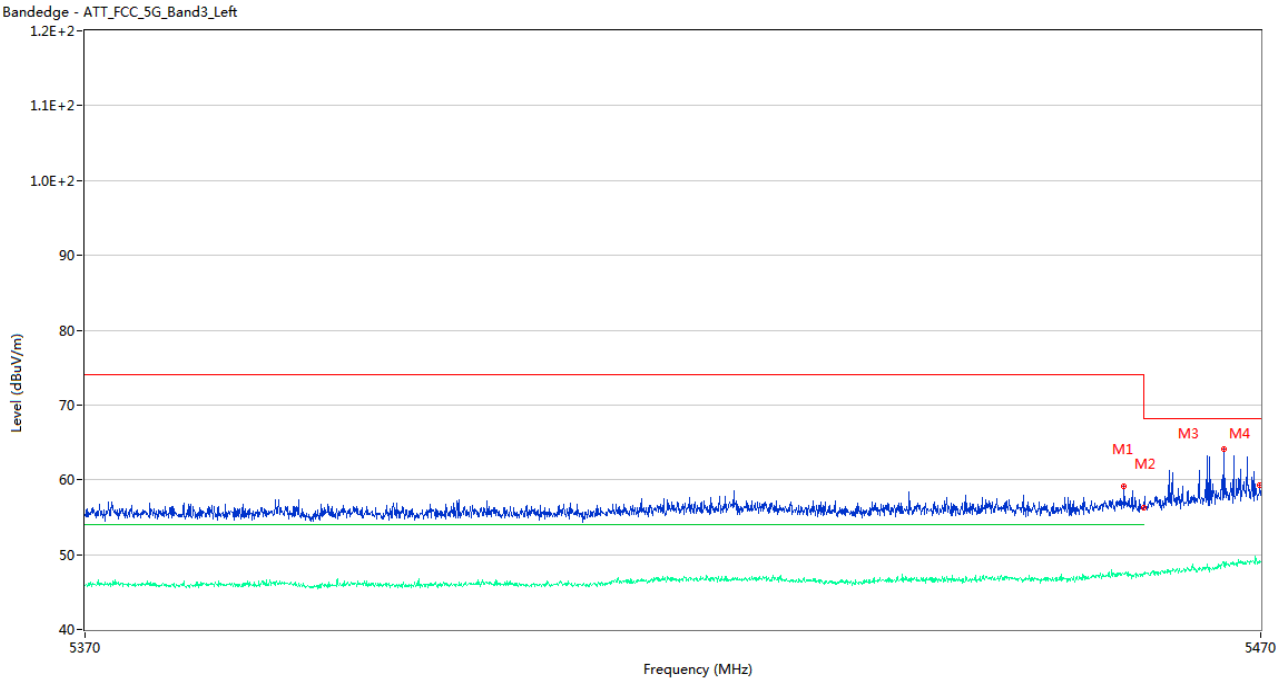
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.800	59.78	2.48	74.0	14.22	Peak	217.00	150	Horizontal	Pass
1**	5457.800	47.01	2.48	54.0	6.99	AV	217.00	150	Horizontal	Pass
2	5460.000	56.30	2.50	74.0	17.70	Peak	98.00	150	Horizontal	Pass
2**	5460.000	47.07	2.50	54.0	6.93	AV	98.00	150	Horizontal	Pass
3	5469.300	64.22	2.95	68.2	3.98	Peak	242.00	100	Horizontal	Pass
3**	5469.300	48.14	2.95	--	-48.14	AV	242.00	100	Horizontal	N/A
4	5469.950	61.02	2.87	68.2	7.18	Peak	63.00	100	Horizontal	Pass
4**	5469.950	48.44	2.87	--	-48.44	AV	63.00	100	Horizontal	N/A

U-NII-2C 11ac20 High Channel



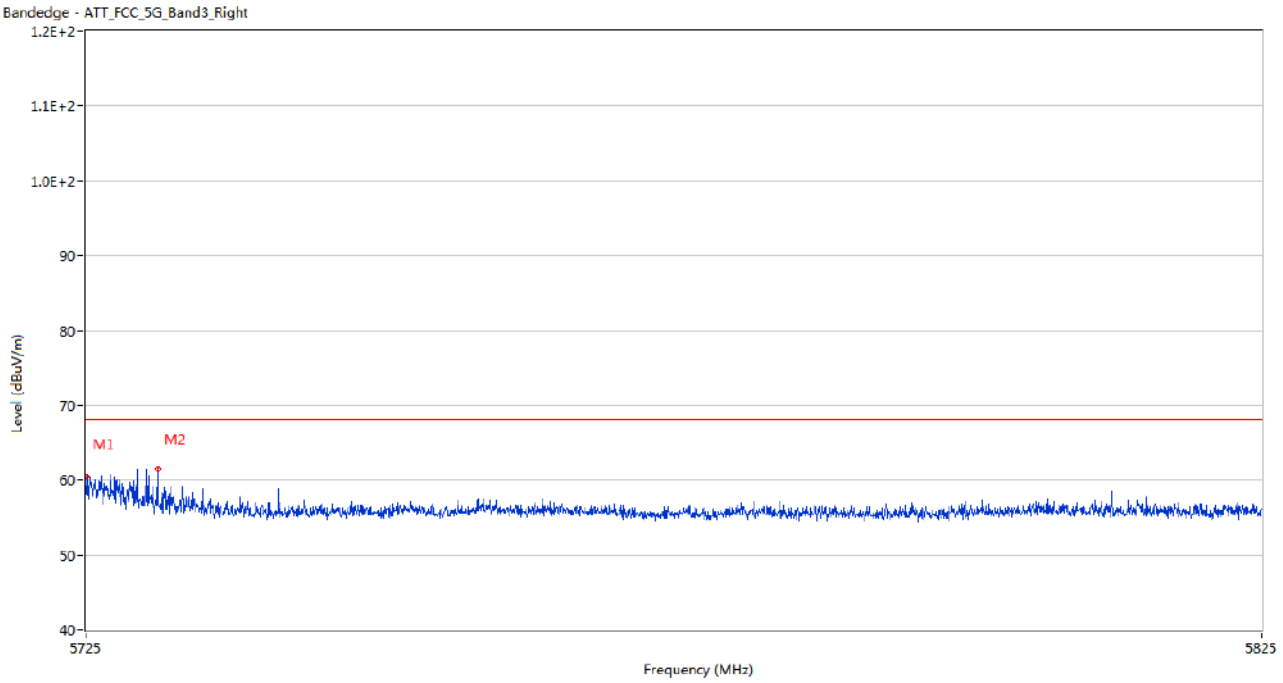
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	60.58	2.55	68.2	7.62	Peak	115.00	100	Horizontal	Pass
2	5725.750	64.92	2.54	68.2	3.28	Peak	79.00	100	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



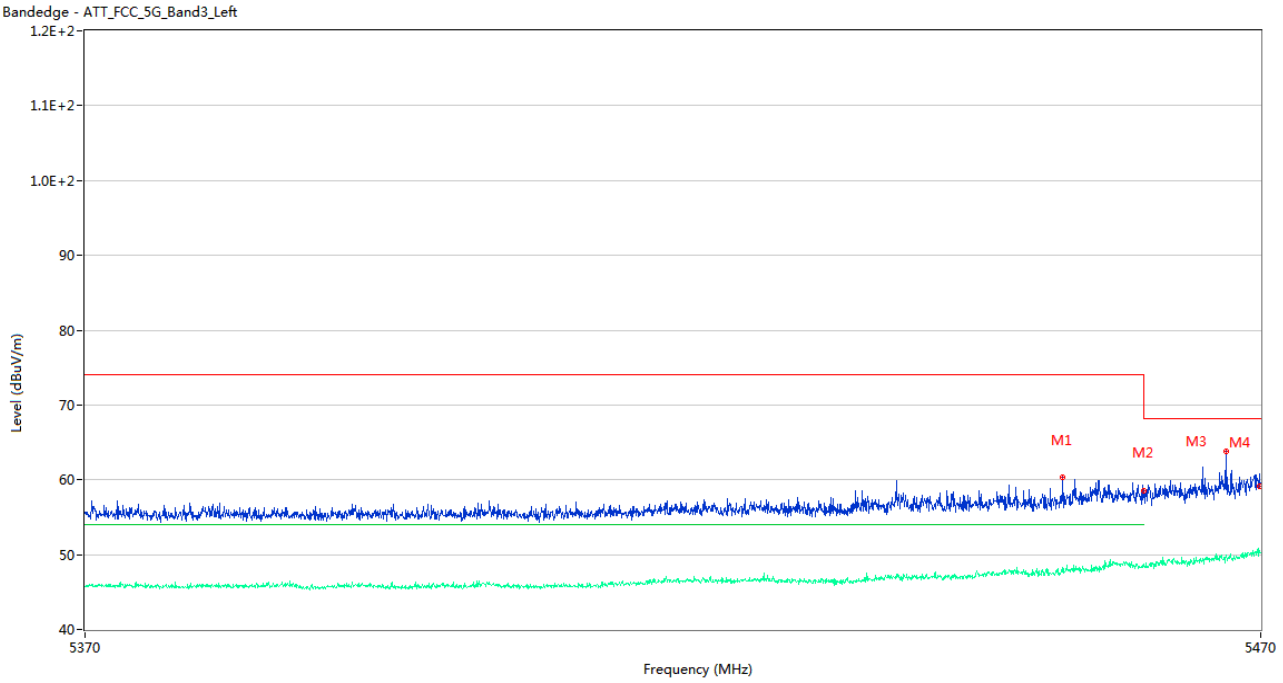
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.300	59.11	2.45	74.0	14.89	Peak	253.00	200	Horizontal	Pass
1**	5458.300	47.36	2.45	54.0	6.64	AV	253.00	200	Horizontal	Pass
2	5460.000	56.23	2.50	74.0	17.77	Peak	235.00	200	Horizontal	Pass
2**	5460.000	47.53	2.50	54.0	6.47	AV	235.00	200	Horizontal	Pass
3	5466.800	64.06	2.94	68.2	4.14	Peak	220.00	200	Horizontal	Pass
3**	5466.800	48.97	2.94	--	-48.97	AV	220.00	200	Horizontal	N/A
4	5469.950	59.26	2.87	68.2	8.94	Peak	72.00	200	Horizontal	Pass
4**	5469.950	48.96	2.87	--	-48.96	AV	72.00	200	Horizontal	N/A

U-NII-2C 11ac40 High Channel



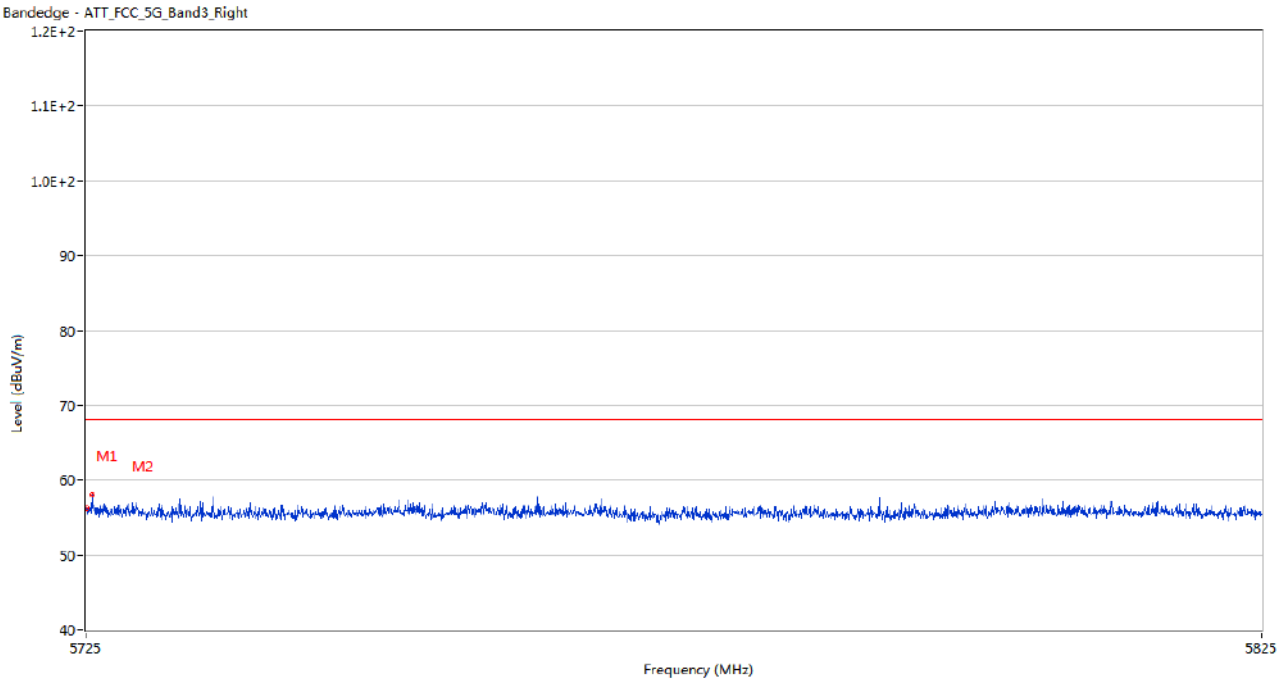
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	60.49	2.55	68.2	7.71	Peak	74.00	100	Horizontal	Pass
2	5731.100	61.59	2.19	68.2	6.61	Peak	74.00	150	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



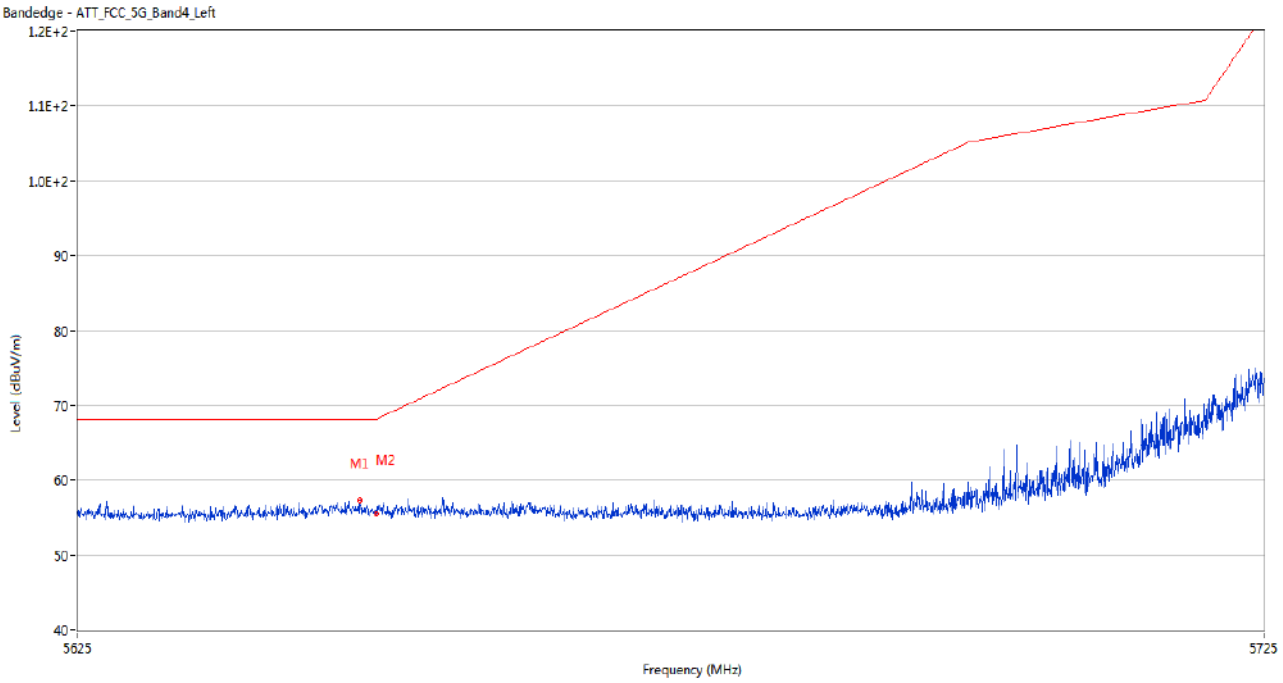
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5453.050	60.33	2.14	74.0	13.67	Peak	245.00	100	Horizontal	Pass
1**	5453.050	47.65	2.14	54.0	6.35	AV	245.00	100	Horizontal	Pass
2	5460.000	58.58	2.50	74.0	15.42	Peak	227.00	200	Horizontal	Pass
2**	5460.000	48.49	2.50	54.0	5.51	AV	227.00	200	Horizontal	Pass
3	5467.000	63.77	2.99	68.2	4.43	Peak	230.00	100	Horizontal	Pass
3**	5467.000	49.68	2.99	--	-49.68	AV	230.00	100	Horizontal	N/A
4	5469.950	59.15	2.87	68.2	9.05	Peak	89.00	100	Horizontal	Pass
4**	5469.950	50.22	2.87	--	-50.22	AV	89.00	100	Horizontal	N/A

U-NII-2C 11ac80 High Channel



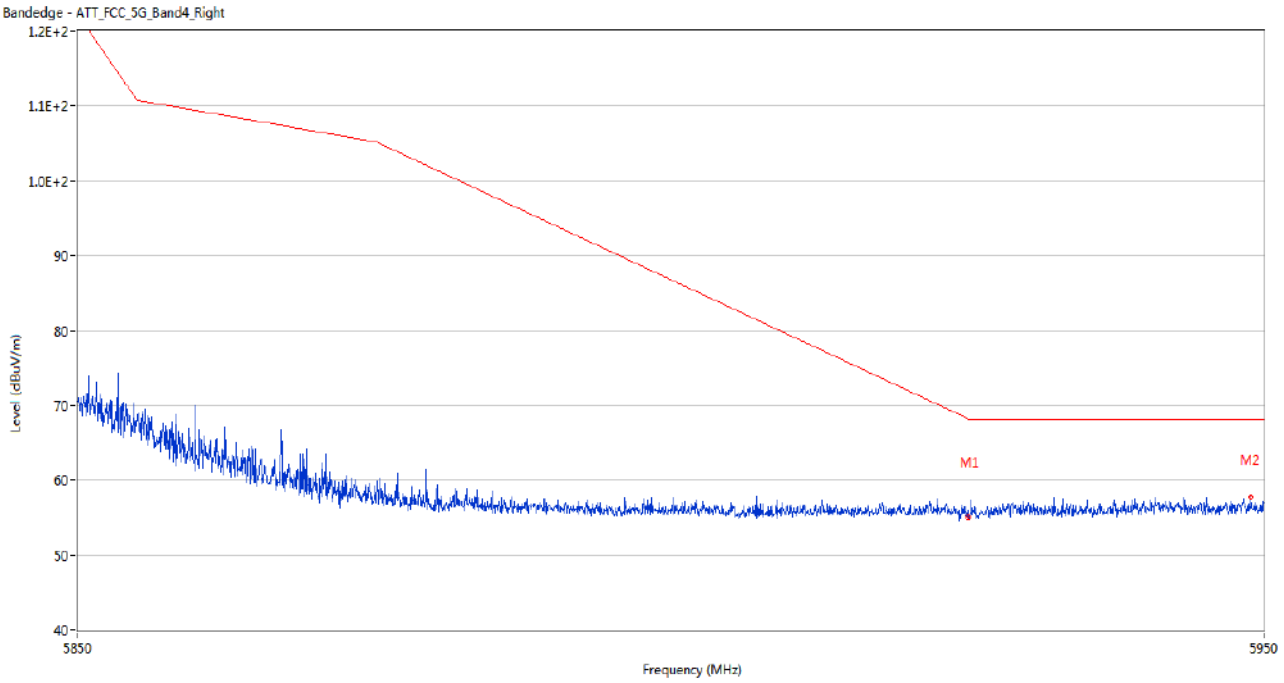
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	56.29	2.55	68.2	11.91	Peak	78.00	150	Horizontal	Pass
2	5725.550	58.08	2.54	68.2	10.12	Peak	259.00	150	Horizontal	Pass

U-NII-3 11a Low Channel



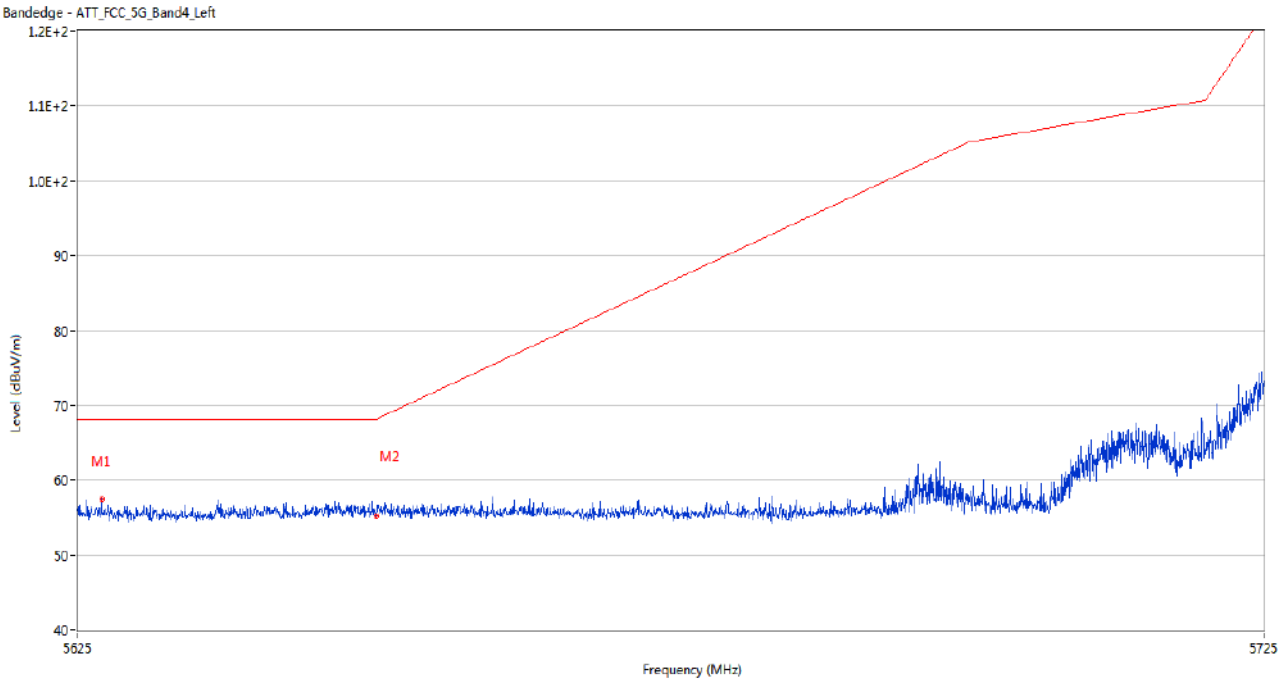
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.650	57.27	2.52	68.2	10.93	Peak	294.00	200	Horizontal	Pass
2	5650.000	55.56	2.54	68.2	12.64	Peak	90.00	150	Horizontal	Pass

U-NII-3 11a High Channel



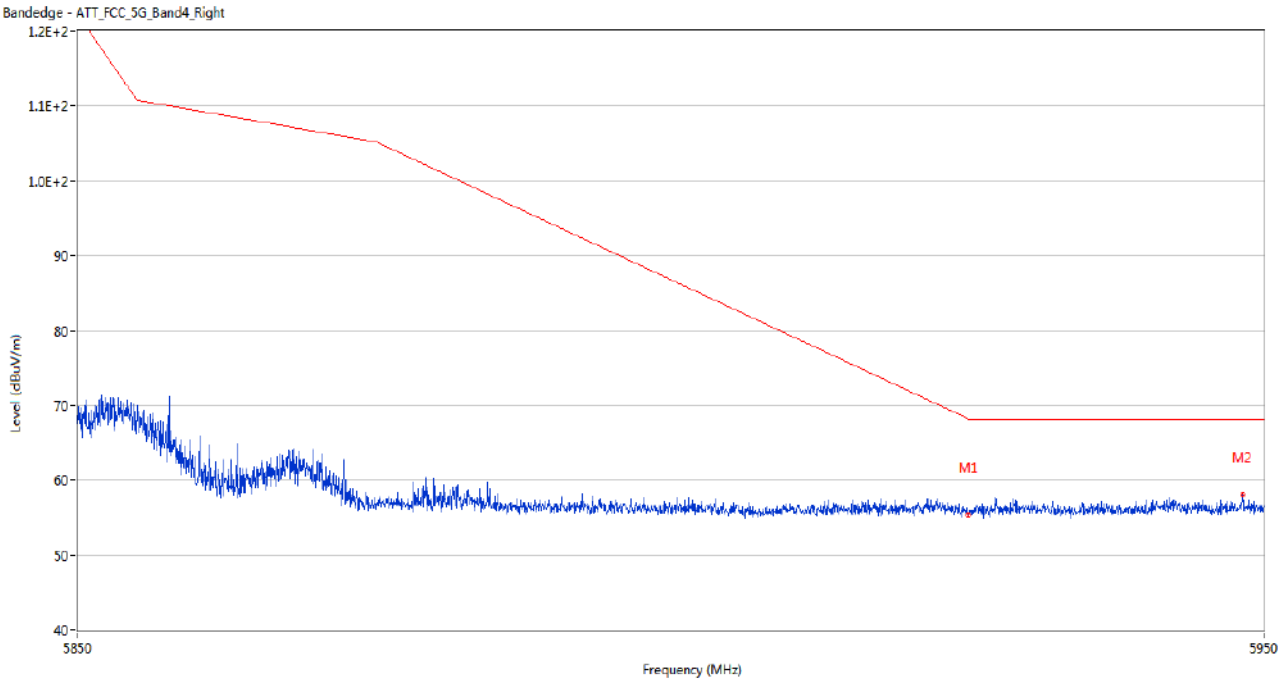
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.10	2.32	68.2	13.10	Peak	144.00	100	Horizontal	Pass
2	5948.900	57.73	2.62	68.2	10.47	Peak	235.00	100	Horizontal	Pass

U-NII-3 11n20 Low Channel



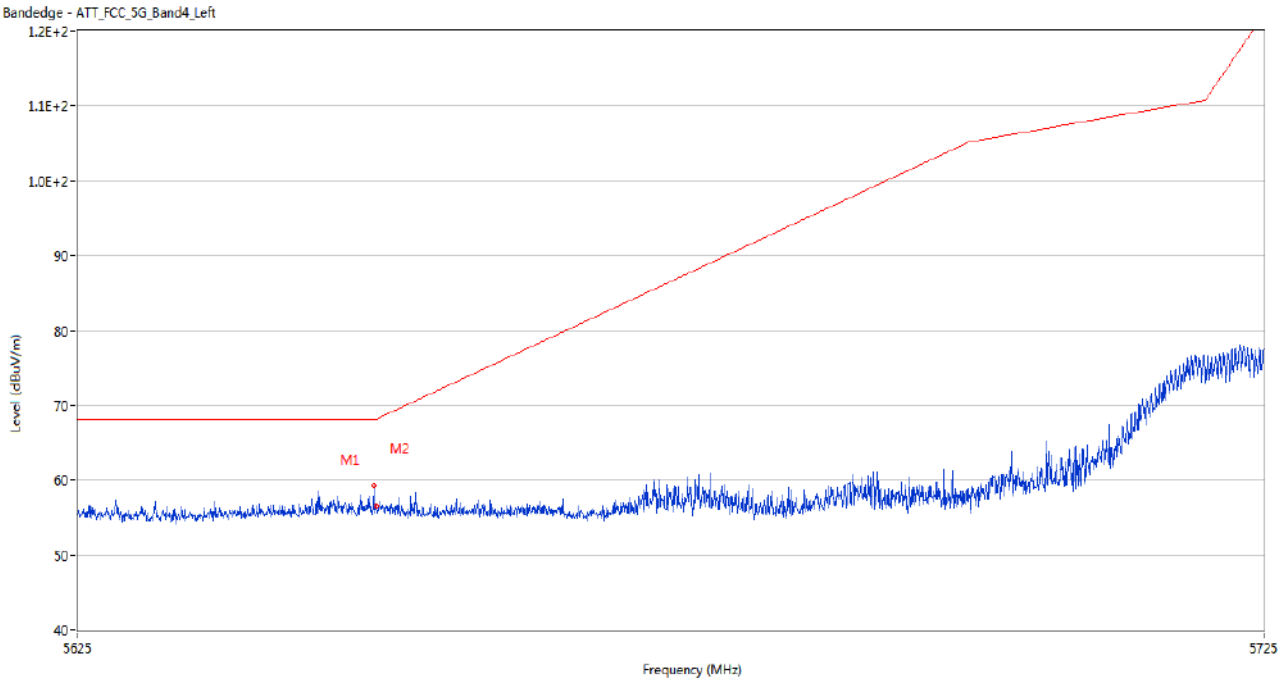
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5627.000	57.53	2.28	68.2	10.67	Peak	56.00	100	Horizontal	Pass
2	5650.000	55.22	2.54	68.2	12.98	Peak	156.00	150	Horizontal	Pass

U-NII-3 11n20 High Channel



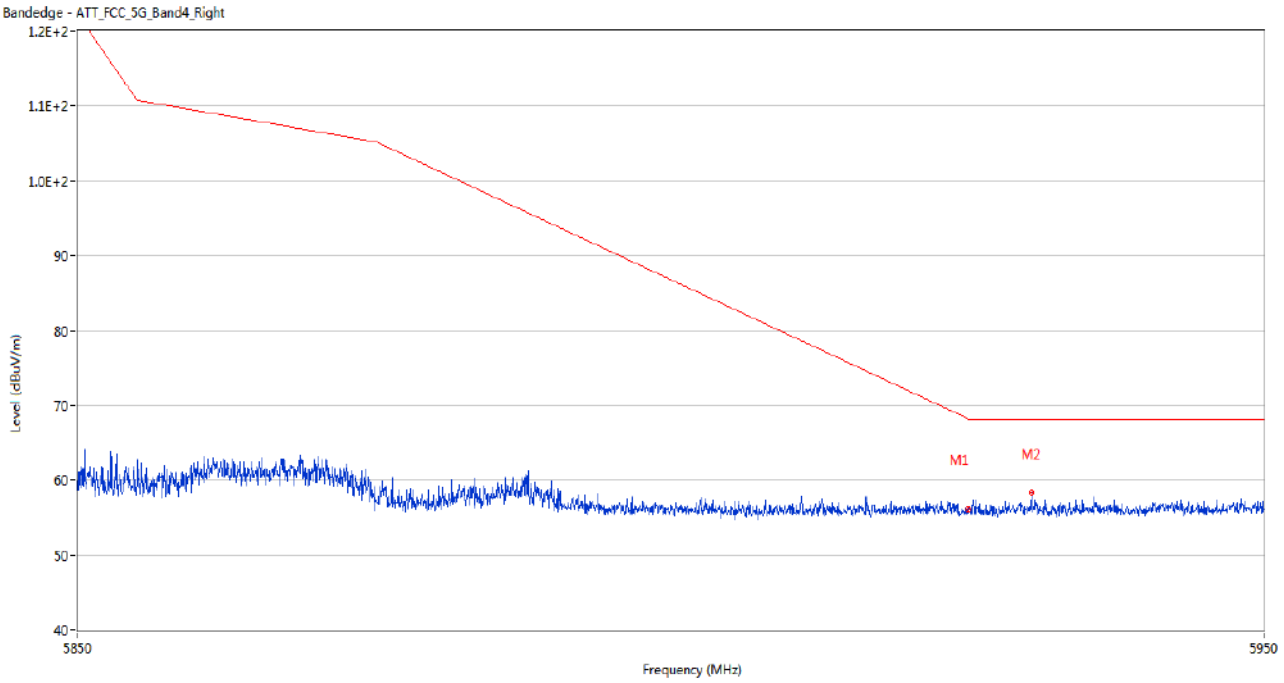
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.42	2.32	68.2	12.78	Peak	89.00	150	Horizontal	Pass
2	5948.200	58.11	2.70	68.2	10.09	Peak	82.00	200	Horizontal	Pass

U-NII-3 11n40 Low Channel



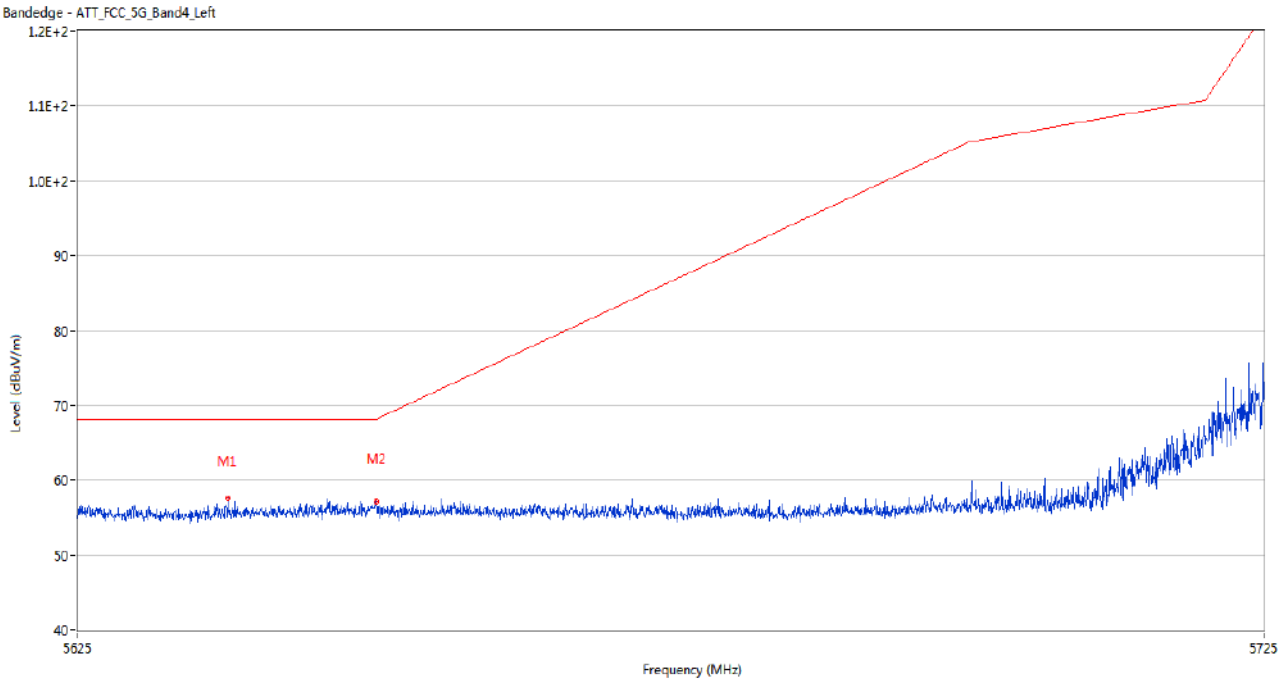
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.800	59.34	2.53	68.2	8.86	Peak	76.00	100	Horizontal	Pass
2	5650.000	56.62	2.54	68.2	11.58	Peak	112.00	100	Horizontal	Pass

U-NII-3 11n40 High Channel



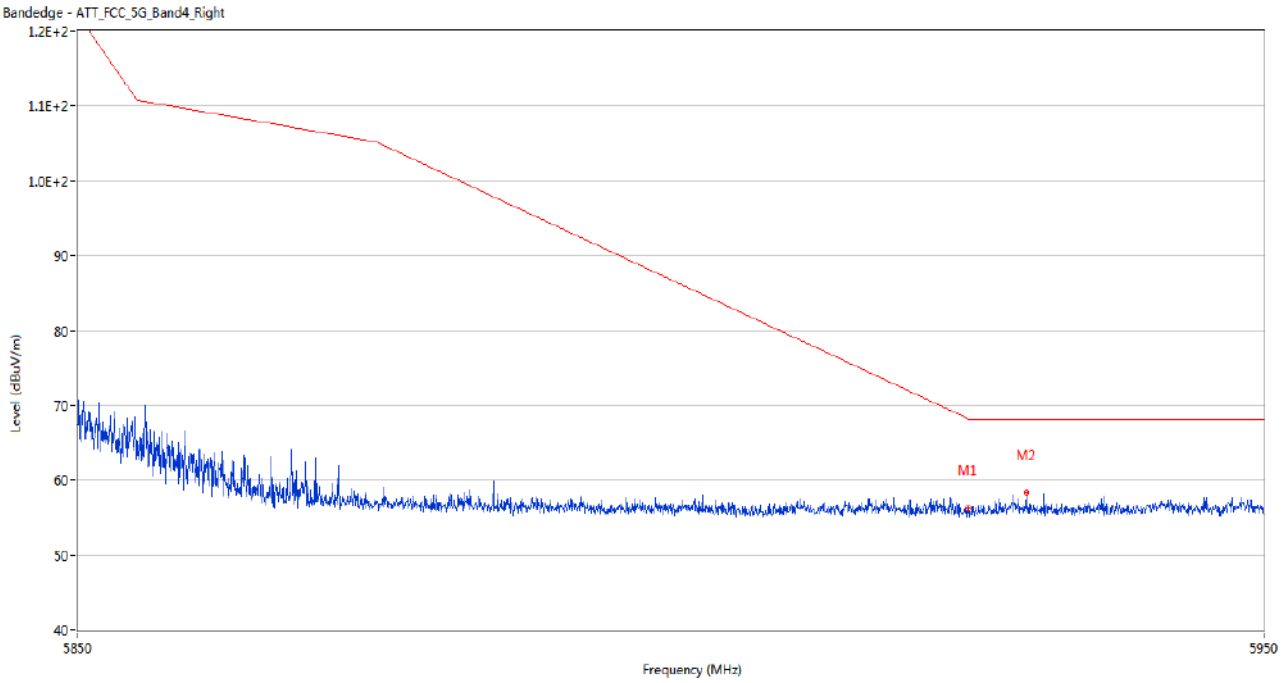
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.13	2.32	68.2	12.07	Peak	308.00	100	Horizontal	Pass
2	5930.300	58.45	2.58	68.2	9.75	Peak	254.00	150	Horizontal	Pass

U-NII-3 11ac20 Low Channel



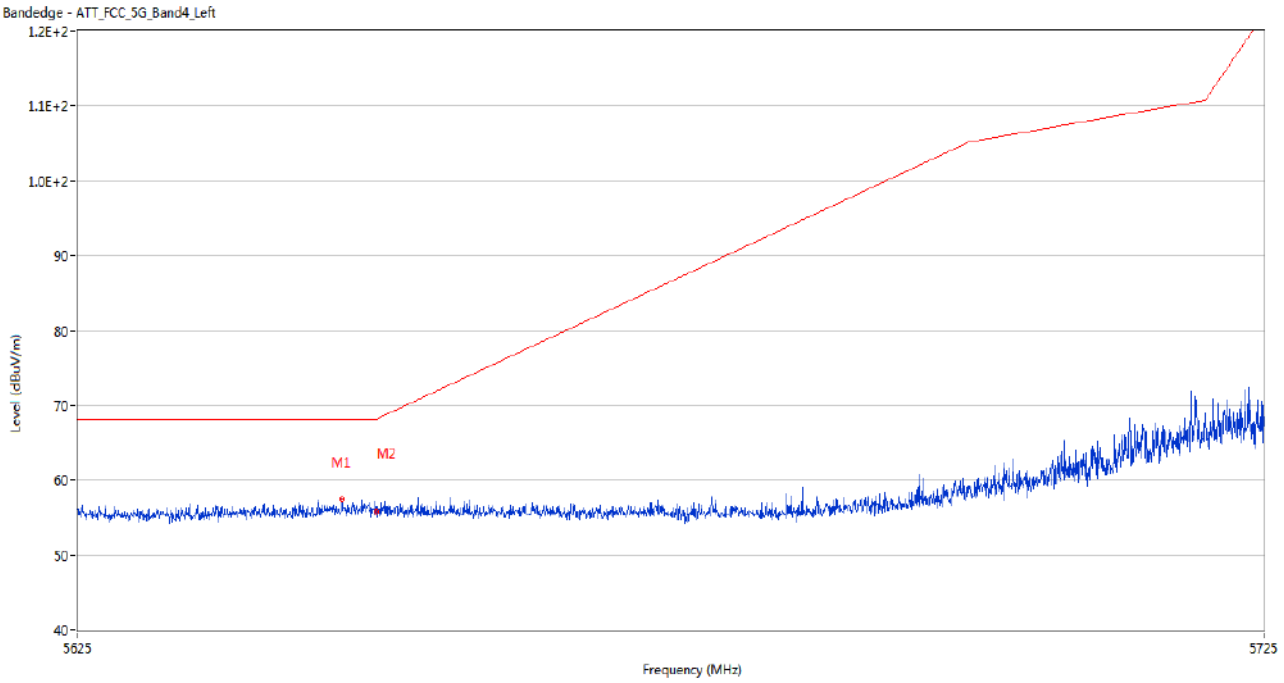
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5637.550	57.59	2.32	68.2	10.61	Peak	271.00	150	Horizontal	Pass
2	5650.000	57.14	2.54	68.2	11.06	Peak	256.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



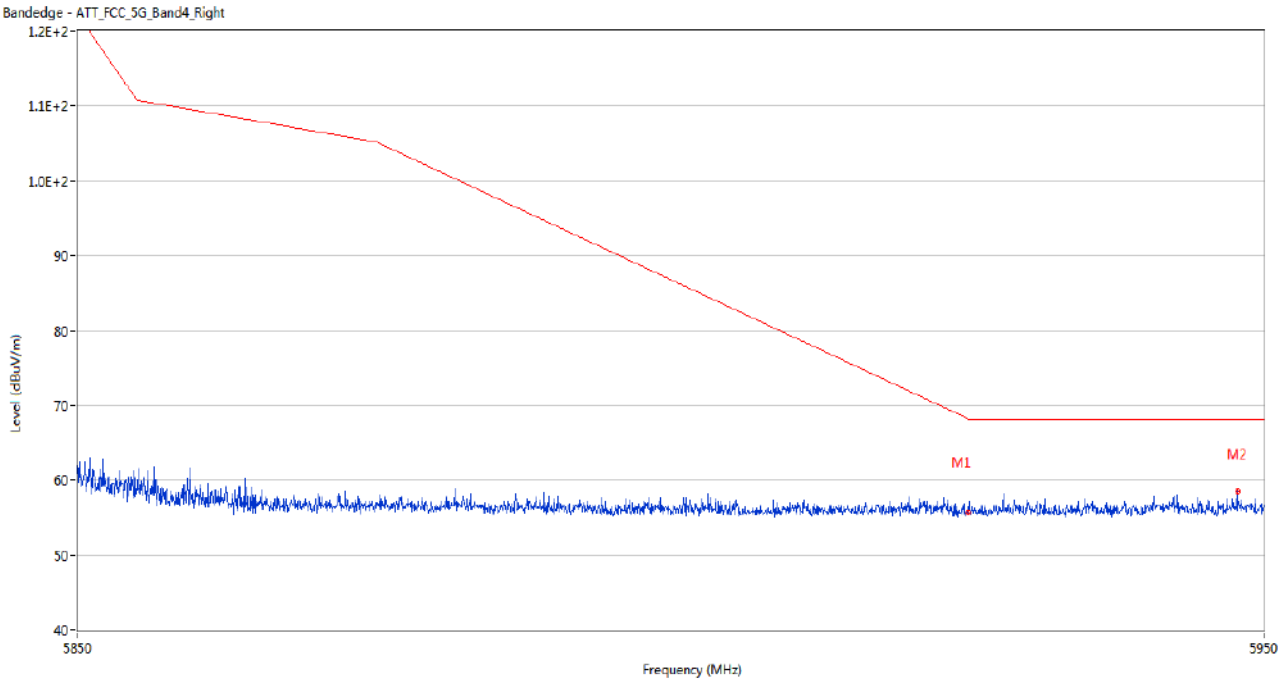
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.33	2.32	68.2	11.87	Peak	300.00	200	Horizontal	Pass
2	5929.850	58.36	2.62	68.2	9.84	Peak	282.00	100	Horizontal	Pass

U-NII-3 11ac40 Low Channel



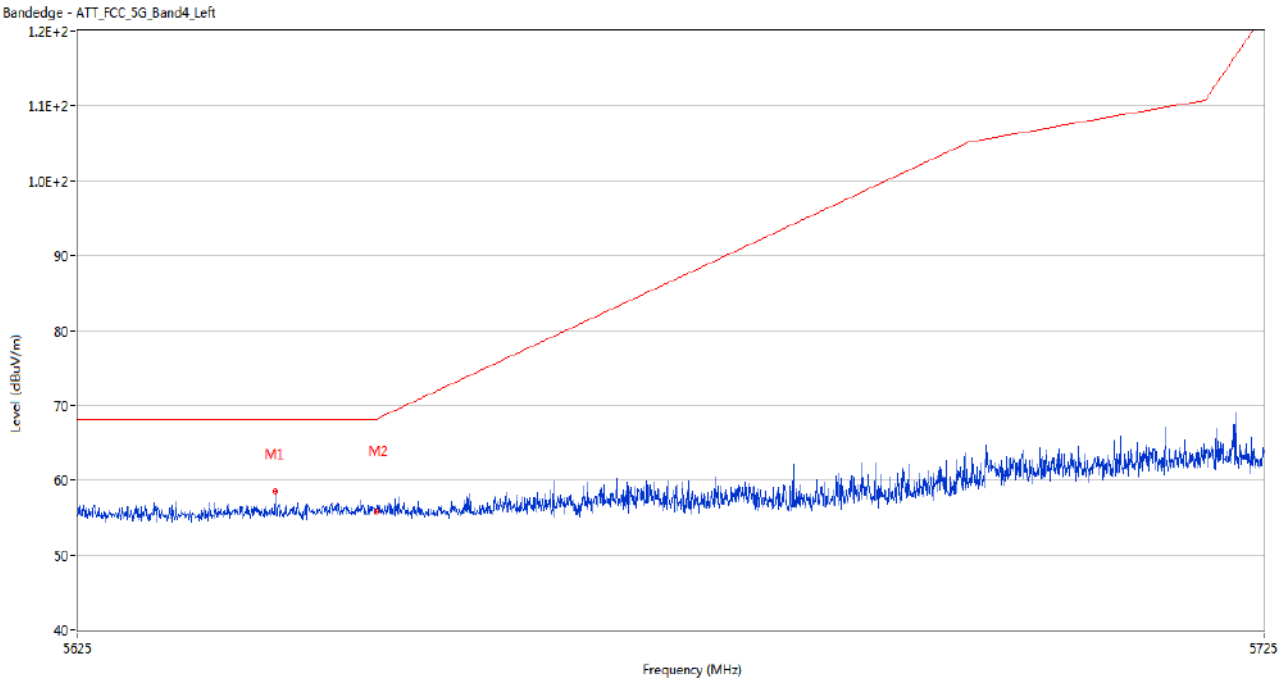
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.150	57.47	2.63	68.2	10.73	Peak	253.00	150	Horizontal	Pass
2	5650.000	55.86	2.54	68.2	12.34	Peak	74.00	200	Horizontal	Pass

U-NII-3 11ac40 High Channel



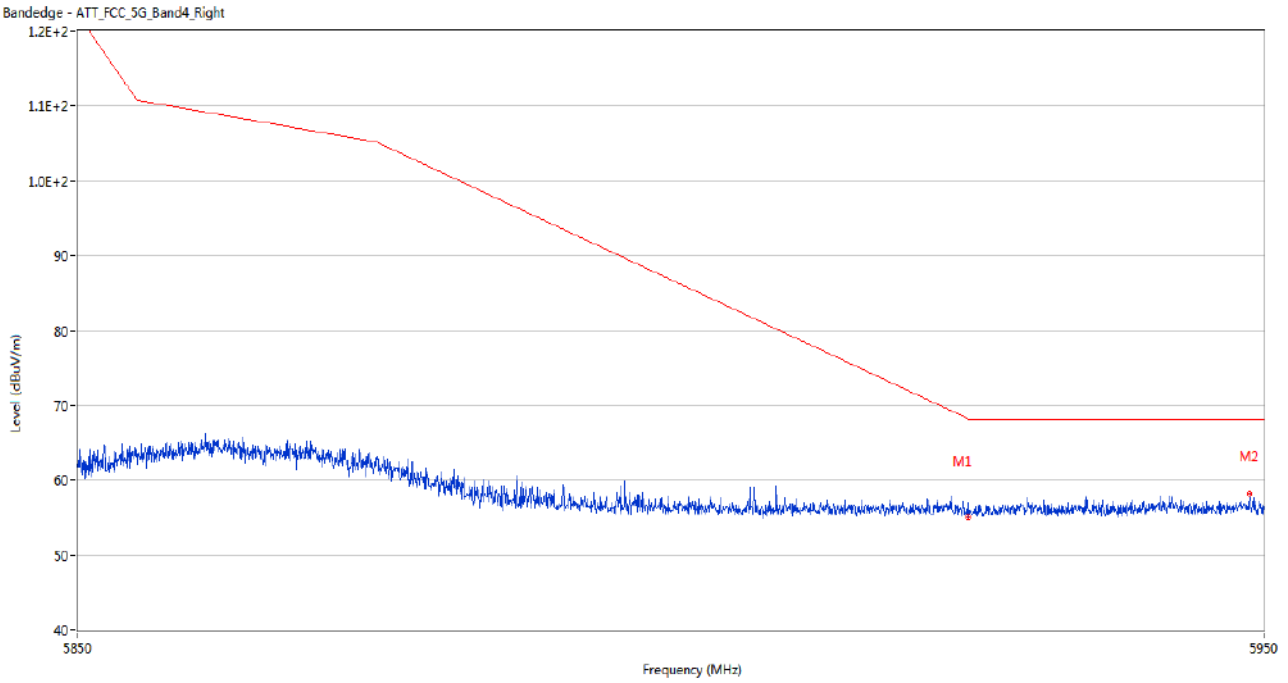
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.73	2.32	68.2	12.47	Peak	332.00	150	Horizontal	Pass
2	5947.750	58.55	2.67	68.2	9.65	Peak	253.00	150	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5641.550	58.48	2.30	68.2	9.72	Peak	80.00	100	Horizontal	Pass
2	5650.000	55.85	2.54	68.2	12.35	Peak	255.00	200	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.09	2.32	68.2	13.11	Peak	126.00	150	Horizontal	Pass
2	5948.800	58.17	2.63	68.2	10.03	Peak	294.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2480911-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2480911-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2480911-AI.PDF”.

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--END OF REPORT--