TEST REPORT

Applicant:	Arashi Vision Inc.
Address:	11th Floor, Building 2, Jinlitong Financial Center, Bao'an District, Shenzhen, Guangdong, China
Equipment Type:	Insta360 Touch Panel
Model Name:	CINSBABA
Brand Name:	Insta360
FCC ID:	2AWWH-CINSBABA
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	Aug. 01, 2024
Test Date:	Aug. 07, 2024 - Aug. 14, 2024
Date of Issue:	Nov. 08, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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

Revision History

Version	Issue Date	Revisions
Rev. 01	Nov. 04, 2024	Initial Issue
Rev. 02	Nov. 08, 2024	Corrected the FCC ID

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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	Arashi Vision Inc.
Address	11th Floor, Building 2, Jinlitong Financial Center, Bao'an District, Shenzhen, Guangdong, China

2.2 Manufacturer Information

Manufacturer	Arashi Vision Inc.
Address	11th Floor, Building 2, Jinlitong Financial Center, Bao'an District, Shenzhen, Guangdong, China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Insta360 Touch Panel
Model Name Under Test	CINSBABA
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	HK100-MB-H6-V03_20240604
Software Version	HK100.20240719.FCC_TEST
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40) and 802.11ac(VHT20/40/80)

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: 38.73 mW U-NII-2A: 42.17 mW U-NII-2C: 40.27 mW U-NII-3: 38.11 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	FPC Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 2.25 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.49 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.83. dBi U-NII-3: 5725 MHz to 5850 MHz: 3.14 dBi
About the Product	The equipment is Insta360 Touch Panel, 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.	RSS Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	RSS-247, 6.2	--	Pass[Note1]
2	RF Output Power	15.407(a)	RSS-247, 6.2	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	RSS-247, 6.2	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	RSS-247, 6.2	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	RSS-247, 6.2	ANNEX A.4	Pass
6	Conducted Emission	15.207	RSS-GEN, 8.8	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	RSS-247, 6.2	ANNEX A.6	Pass

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	53% to 68%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.3℃ to +26.3℃
Working Voltage of the EUT	NV (Normal Voltage)	5 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2024.05.08	2025.05.07
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2024.07.04	2025.07.03
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2023.09.05	2024.09.04
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2022.02.23	2025.02.22
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2024.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
Amplifier	COM-MV	ZT30-1000M	B2017119082	2023.12.05	2024.12.04
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.04	2026.03.03
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2022.02.19	2025.02.18

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

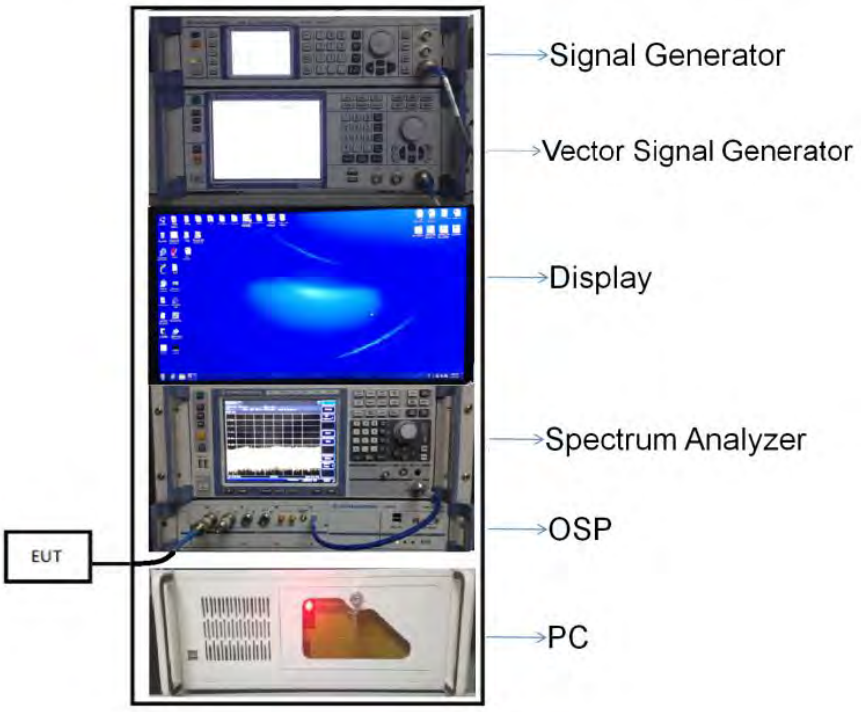
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8℃
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

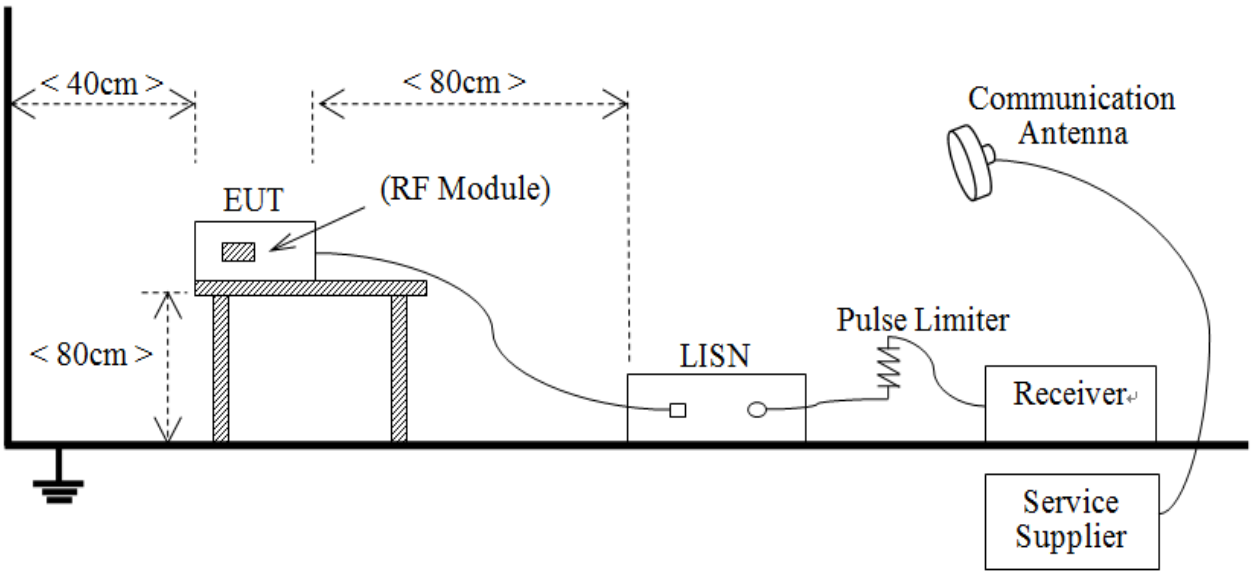
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

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



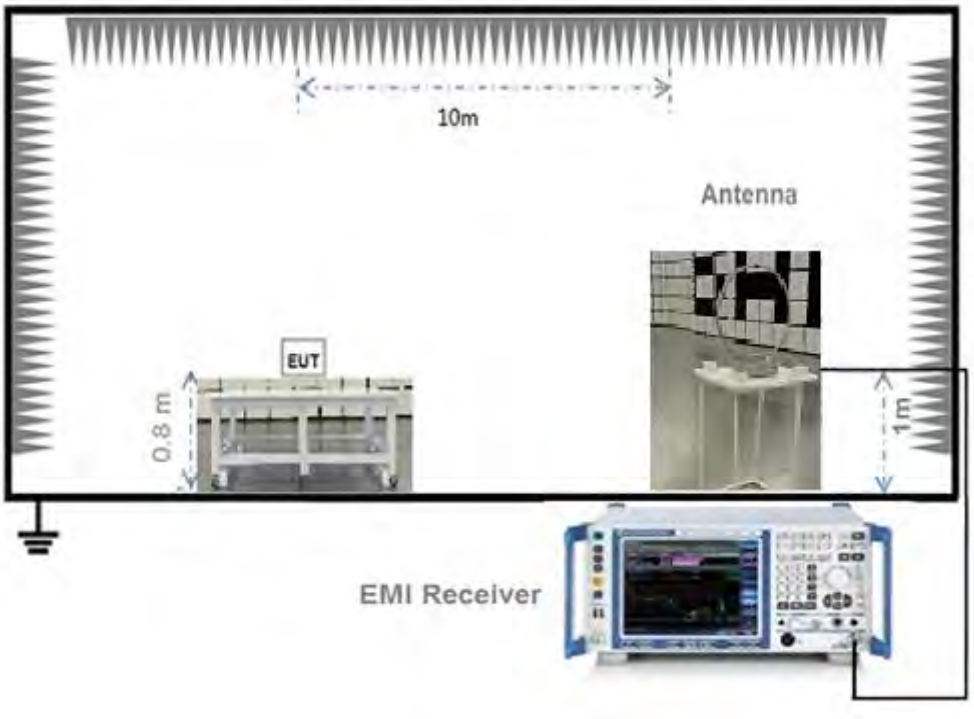
(Diagram 1)

4.5.2 For AC Power Supply Port Test



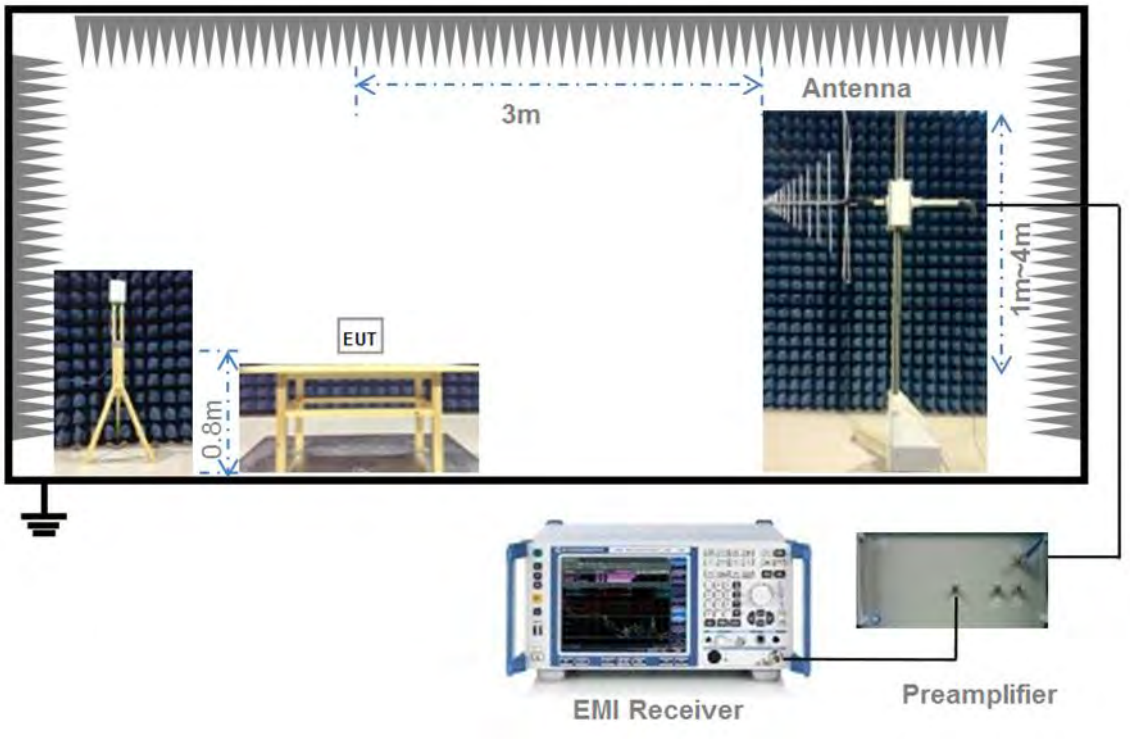
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



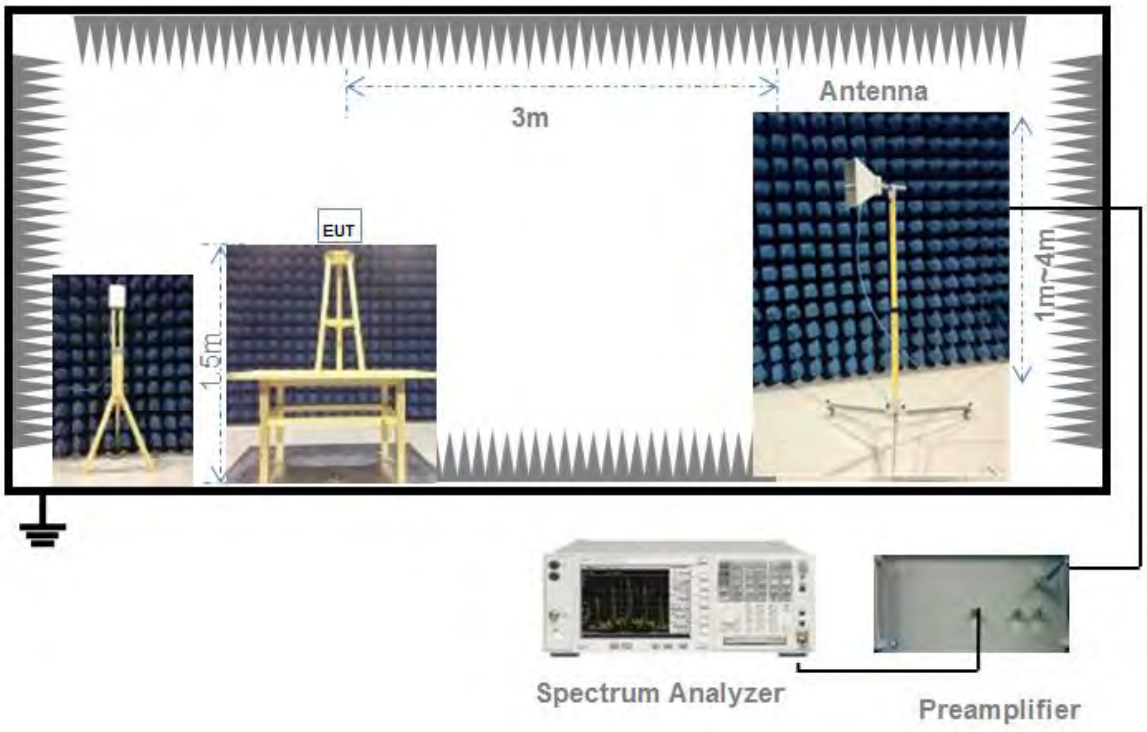
(Diagram 3)

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.

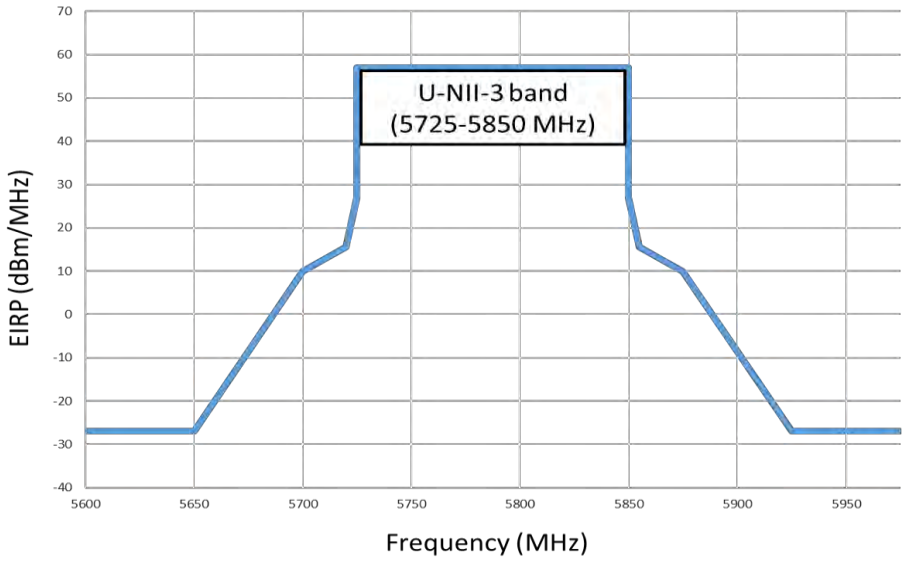
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.39	1.44	96.87%	0.14
11n (HT20)/11ac (VHT20)	1.31	1.36	96.47%	0.16
11n (HT40)/11ac (VHT40)	0.65	0.70	93.56%	0.29
11ac (VHT80)	0.32	0.37	87.91%	0.56

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.60	36.31	250	Pass
11a	CH44	15.72	37.33	250	Pass
11a	CH48	15.88	38.73	250	Pass
11n (HT20)	CH36	15.52	35.65	250	Pass
11n (HT20)	CH44	15.72	37.33	250	Pass
11n (HT20)	CH48	15.72	37.33	250	Pass
11n (HT40)	CH38	15.65	36.73	250	Pass
11n (HT40)	CH46	15.59	36.22	250	Pass
11ac (VHT20)	CH36	15.62	36.48	250	Pass
11ac (VHT20)	CH44	15.72	37.33	250	Pass
11ac (VHT20)	CH48	15.75	37.58	250	Pass
11ac (VHT40)	CH38	15.62	36.48	250	Pass
11ac (VHT40)	CH46	15.66	36.81	250	Pass
11ac (VHT80)	CH42	15.69	37.07	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	15.97	39.54	250	Pass
11a	CH60	16.25	42.17	250	Pass
11a	CH64	16.17	41.40	250	Pass
11n (HT20)	CH52	15.94	39.26	250	Pass
11n (HT20)	CH60	16.05	40.27	250	Pass
11n (HT20)	CH64	16.06	40.36	250	Pass
11n (HT40)	CH54	15.99	39.72	250	Pass
11n (HT40)	CH62	16.12	40.93	250	Pass
11ac (VHT20)	CH52	15.86	38.55	250	Pass
11ac (VHT20)	CH60	16.14	41.11	250	Pass
11ac (VHT20)	CH64	16.24	42.07	250	Pass
11ac (VHT40)	CH54	15.95	39.36	250	Pass
11ac (VHT40)	CH62	16.16	41.30	250	Pass
11ac (VHT80)	CH58	16.14	41.11	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	15.76	37.67	250	Pass
11a	CH116	15.57	36.06	250	Pass
11a	CH140	15.45	35.08	250	Pass
11n (HT20)	CH100	15.28	33.73	250	Pass
11n (HT20)	CH116	15.46	35.16	250	Pass
11n (HT20)	CH140	14.88	30.76	250	Pass
11n (HT40)	CH102	14.16	26.06	250	Pass
11n (HT40)	CH118	15.53	35.73	250	Pass
11n (HT40)	CH134	15.44	34.99	250	Pass
11ac (VHT20)	CH100	15.72	37.33	250	Pass
11ac (VHT20)	CH116	15.45	35.08	250	Pass
11ac (VHT20)	CH140	15.26	33.57	250	Pass
11ac (VHT40)	CH102	15.22	33.27	250	Pass
11ac (VHT40)	CH118	15.52	35.65	250	Pass
11ac (VHT40)	CH134	15.45	35.08	250	Pass
11ac (VHT80)	CH106	15.45	35.08	250	Pass
11ac (VHT80)	CH122	16.05	40.27	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	15.81	38.11	1000	Pass
11a	CH157	15.47	35.24	1000	Pass
11a	CH165	15.77	37.76	1000	Pass
11n (HT20)	CH149	15.29	33.81	1000	Pass
11n (HT20)	CH157	15.25	33.50	1000	Pass
11n (HT20)	CH165	15.53	35.73	1000	Pass
11n (HT40)	CH151	15.31	33.96	1000	Pass
11n (HT40)	CH159	15.20	33.11	1000	Pass
11ac (VHT20)	CH149	15.31	33.96	1000	Pass
11ac (VHT20)	CH157	15.25	33.50	1000	Pass
11ac (VHT20)	CH165	15.37	34.43	1000	Pass
11ac (VHT40)	CH151	15.25	33.50	1000	Pass
11ac (VHT40)	CH159	15.20	33.11	1000	Pass
11ac (VHT80)	CH155	15.25	33.50	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2480158-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.29	16.53
11a	CH44	20.17	16.53
11a	CH48	20.03	16.51
11n (HT20)	CH36	20.43	17.62
11n (HT20)	CH44	20.37	17.65
11n (HT20)	CH48	20.34	17.65
11n (HT40)	CH38	40.75	36.15
11n (HT40)	CH46	40.69	36.14
11ac (VHT20)	CH36	20.39	17.60
11ac (VHT20)	CH44	20.40	17.59
11ac (VHT20)	CH48	20.37	17.60
11ac (VHT40)	CH38	20.65	36.05
11ac (VHT40)	CH46	40.71	36.04
11ac (VHT80)	CH42	81.32	75.46

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.24	16.52
11a	CH60	20.17	16.54
11a	CH64	20.10	16.53
11n (HT20)	CH52	20.30	17.61
11n (HT20)	CH60	20.37	17.66
11n (HT20)	CH64	20.52	17.62
11n (HT40)	CH54	40.61	36.13
11n (HT40)	CH62	40.65	36.14
11ac (VHT20)	CH52	20.40	17.60
11ac (VHT20)	CH60	20.40	17.59
11ac (VHT20)	CH64	20.49	17.61
11ac (VHT40)	CH54	40.73	36.06
11ac (VHT40)	CH62	40.81	36.03
11ac (VHT80)	CH58	81.37	75.44

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.05	16.51
11a	CH116	20.12	16.51
11a	CH140	20.08	16.52
11n (HT20)	CH100	20.33	17.62
11n (HT20)	CH116	20.38	17.62
11n (HT20)	CH140	20.36	17.61
11n (HT40)	CH102	40.50	36.07
11n (HT40)	CH118	40.87	36.13
11n (HT40)	CH134	40.52	36.10
11ac (VHT20)	CH100	20.41	17.61
11ac (VHT20)	CH116	20.35	17.58
11ac (VHT20)	CH140	20.35	17.59
11ac (VHT40)	CH102	40.79	36.03
11ac (VHT40)	CH118	40.74	36.01
11ac (VHT40)	CH134	40.57	36.05
11ac (VHT80)	CH106	81.28	75.36
11ac (VHT80)	CH122	81.31	75.45

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.02	16.51
11a	CH157	20.05	16.52
11a	CH165	20.16	16.56
11n (HT20)	CH149	20.43	17.64
11n (HT20)	CH157	20.34	17.62
11n (HT20)	CH165	20.39	17.64
11n (HT40)	CH151	40.86	36.11
11n (HT40)	CH159	40.67	36.13
11ac (VHT20)	CH149	20.42	17.58
11ac (VHT20)	CH157	20.37	17.58
11ac (VHT20)	CH165	20.33	17.60
11ac (VHT40)	CH151	40.60	36.03
11ac (VHT40)	CH159	40.51	36.01
11ac (VHT80)	CH155	83.17	75.29

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2480158-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.40	500.00	Pass
11a	CH157	15.40	500.00	Pass
11a	CH165	15.30	500.00	Pass
11n (HT20)	CH149	15.40	500.00	Pass
11n (HT20)	CH157	15.30	500.00	Pass
11n (HT20)	CH165	15.30	500.00	Pass
11n (HT40)	CH151	35.40	500.00	Pass
11n (HT40)	CH159	35.30	500.00	Pass
11ac (VHT20)	CH149	15.40	500.00	Pass
11ac (VHT20)	CH157	15.30	500.00	Pass
11ac (VHT20)	CH165	15.40	500.00	Pass
11ac (VHT40)	CH151	35.30	500.00	Pass
11ac (VHT40)	CH159	35.30	500.00	Pass
11ac (VHT80)	CH155	75.30	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ2480158-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	4.99	11.00	Pass
11a	CH44	4.99	11.00	Pass
11a	CH48	5.04	11.00	Pass
11n (HT20)	CH36	4.68	11.00	Pass
11n (HT20)	CH44	4.64	11.00	Pass
11n (HT20)	CH48	4.95	11.00	Pass
11n (HT40)	CH38	1.77	11.00	Pass
11n (HT40)	CH46	1.83	11.00	Pass
11ac (VHT20)	CH36	4.66	11.00	Pass
11ac (VHT20)	CH44	4.68	11.00	Pass
11ac (VHT20)	CH48	4.74	11.00	Pass
11ac (VHT40)	CH38	1.80	11.00	Pass
11ac (VHT40)	CH46	1.89	11.00	Pass
11ac (VHT80)	CH42	-1.81	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	5.35	11.00	Pass
11a	CH60	5.45	11.00	Pass
11a	CH64	5.62	11.00	Pass
11n (HT20)	CH52	4.98	11.00	Pass
11n (HT20)	CH60	5.17	11.00	Pass
11n (HT20)	CH64	5.35	11.00	Pass
11n (HT40)	CH54	1.98	11.00	Pass
11n (HT40)	CH62	2.14	11.00	Pass
11ac (VHT20)	CH52	5.04	11.00	Pass
11ac (VHT20)	CH60	5.23	11.00	Pass
11ac (VHT20)	CH64	5.37	11.00	Pass
11ac (VHT40)	CH54	2.00	11.00	Pass
11ac (VHT40)	CH62	2.19	11.00	Pass
11ac (VHT80)	CH58	-1.23	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	5.43	11.00	Pass
11a	CH116	5.21	11.00	Pass
11a	CH140	4.87	11.00	Pass
11n (HT20)	CH100	4.54	11.00	Pass
11n (HT20)	CH116	4.95	11.00	Pass
11n (HT20)	CH140	3.98	11.00	Pass
11n (HT40)	CH102	0.58	11.00	Pass
11n (HT40)	CH118	1.78	11.00	Pass
11n (HT40)	CH134	1.64	11.00	Pass
11ac (VHT20)	CH100	5.08	11.00	Pass
11ac (VHT20)	CH116	4.95	11.00	Pass
11ac (VHT20)	CH140	4.57	11.00	Pass
11ac (VHT40)	CH102	1.56	11.00	Pass
11ac (VHT40)	CH118	1.74	11.00	Pass
11ac (VHT40)	CH134	1.59	11.00	Pass
11ac (VHT80)	CH106	-1.57	11.00	Pass
11ac (VHT80)	CH122	-1.13	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	1.97	30.00	Pass
11a	CH157	2.09	30.00	Pass
11a	CH165	2.18	30.00	Pass
11n (HT20)	CH149	1.88	30.00	Pass
11n (HT20)	CH157	1.73	30.00	Pass
11n (HT20)	CH165	2.12	30.00	Pass
11n (HT40)	CH151	-1.22	30.00	Pass
11n (HT40)	CH159	-1.31	30.00	Pass
11ac (VHT20)	CH149	1.76	30.00	Pass
11ac (VHT20)	CH157	1.66	30.00	Pass
11ac (VHT20)	CH165	1.80	30.00	Pass
11ac (VHT40)	CH151	-1.47	30.00	Pass
11ac (VHT40)	CH159	-1.49	30.00	Pass
11ac (VHT80)	CH155	-4.49	30.00	Pass

A.5 Conducted Emissions

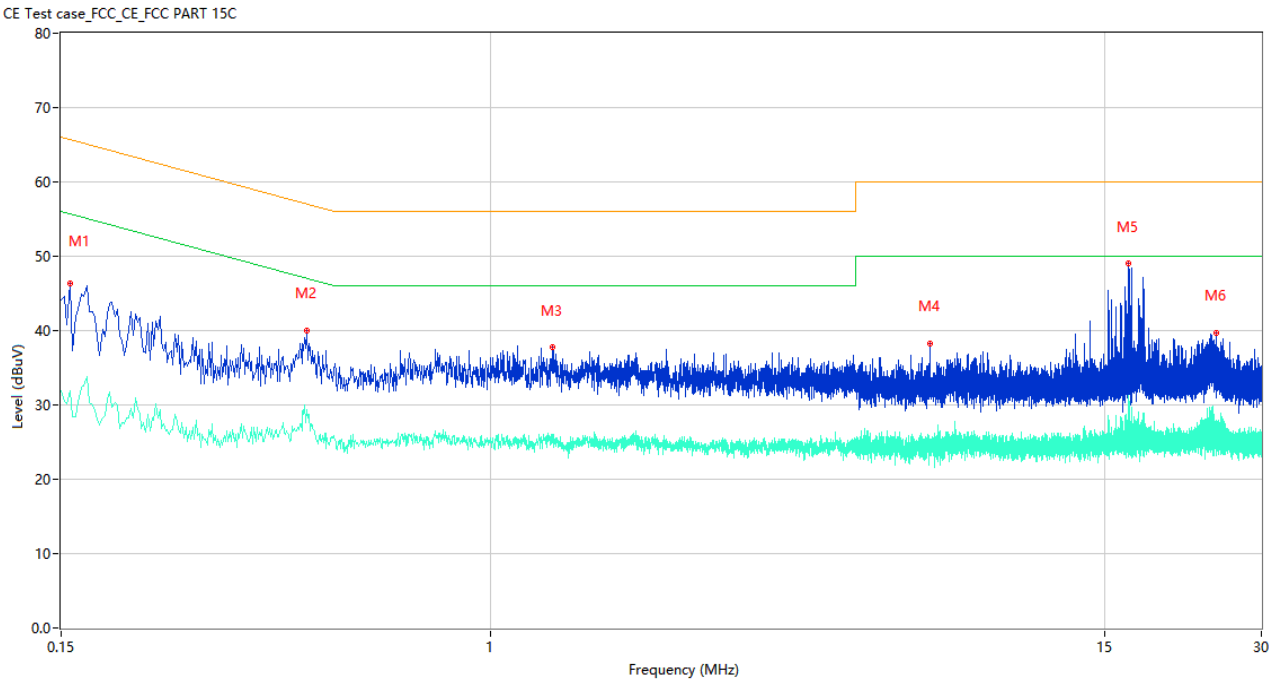
Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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.

Note [3]: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

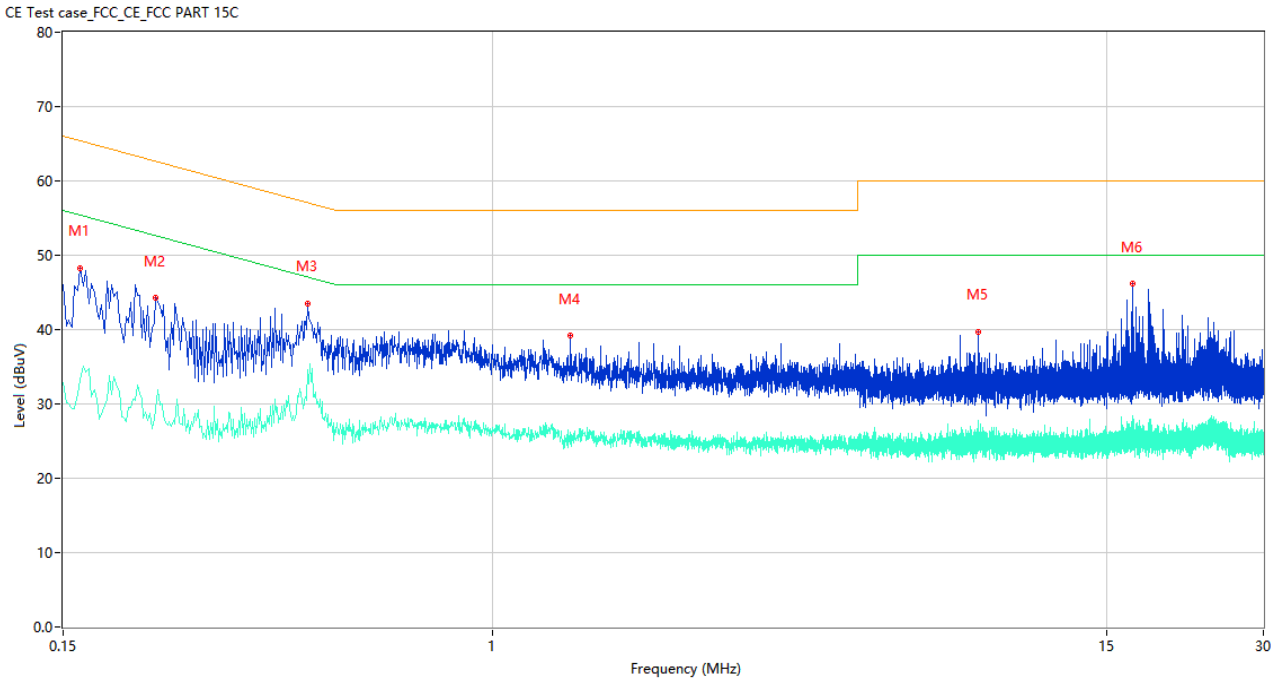
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	46.32	9.78	65.67	19.35	Peak	L	Pass
1**	0.156	31.93	9.78	55.67	23.74	AV	L	Pass
2	0.444	40.04	10.09	56.99	16.95	Peak	L	Pass
2**	0.444	29.43	10.09	46.99	17.56	AV	L	Pass
3	1.314	37.74	10.36	56.00	18.26	Peak	L	Pass
3**	1.314	25.44	10.36	46.00	20.56	AV	L	Pass
4	6.934	38.26	10.29	60.00	21.74	Peak	L	Pass
4**	6.934	23.19	10.29	50.00	26.81	AV	L	Pass
5	16.650	49.04	10.76	60.00	10.96	Peak	L	Pass
5**	16.650	31.19	10.76	50.00	18.81	AV	L	Pass
6	24.646	39.70	10.95	60.00	20.30	Peak	L	Pass
6**	24.646	27.07	10.95	50.00	22.93	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.162	48.32	9.78	65.36	17.04	Peak	N	Pass
1**	0.162	33.23	9.78	55.36	22.13	AV	N	Pass
2	0.226	44.24	9.77	62.60	18.36	Peak	N	Pass
2**	0.226	29.25	9.77	52.60	23.35	AV	N	Pass
3	0.442	43.54	10.11	57.02	13.48	Peak	N	Pass
3**	0.442	34.67	10.11	47.02	12.35	AV	N	Pass
4	1.410	39.16	9.81	56.00	16.84	Peak	N	Pass
4**	1.410	26.13	9.81	46.00	19.87	AV	N	Pass
5	8.542	39.73	10.29	60.00	20.27	Peak	N	Pass
5**	8.542	27.80	10.29	50.00	22.20	AV	N	Pass
6	16.860	46.18	10.61	60.00	13.82	Peak	N	Pass
6**	16.860	28.39	10.61	50.00	21.61	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.

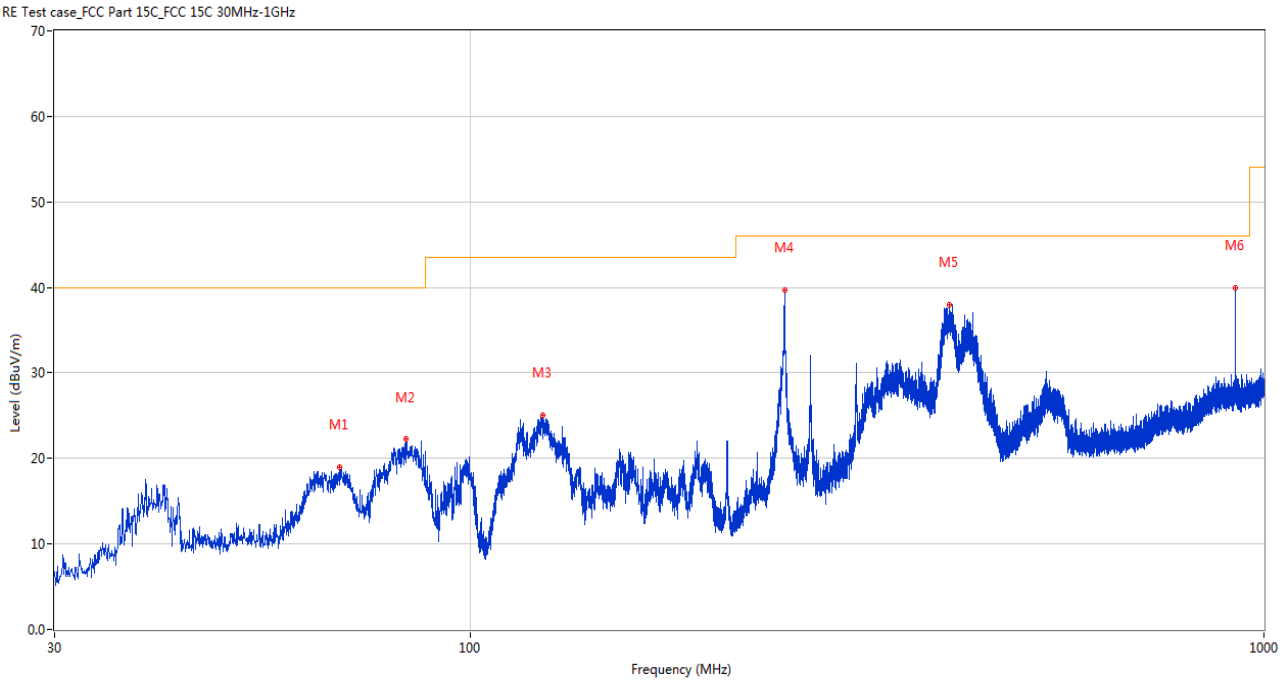
Note [2]: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

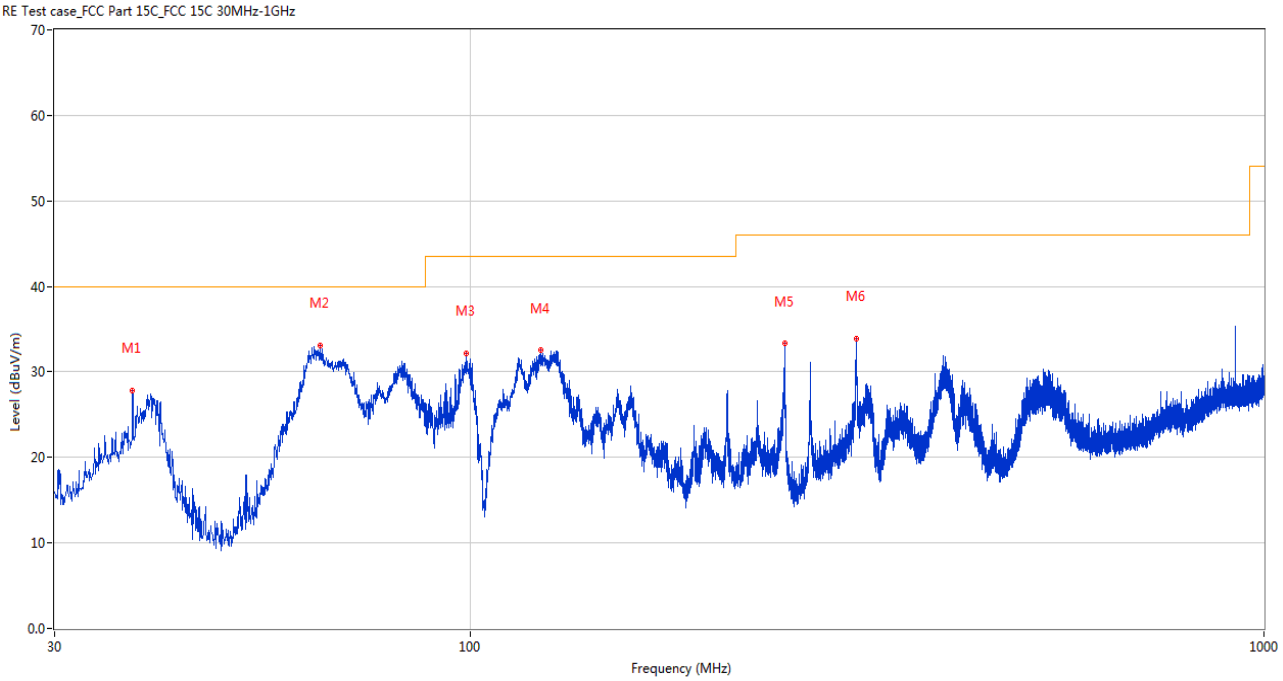
Test Data and Plots

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	68.461	19.04	-28.44	40.0	20.96	Peak	41.80	100	Horizontal	Pass
2	83.010	22.21	-31.22	40.0	17.79	Peak	2.60	200	Horizontal	Pass
3	123.411	25.03	-29.30	43.5	18.47	Peak	218.60	200	Horizontal	Pass
4	249.317	39.69	-24.30	46.0	6.31	Peak	242.00	100	Horizontal	Pass
5	401.753	37.99	-20.46	46.0	8.01	Peak	0.60	100	Horizontal	Pass
6	919.975	39.91	-8.97	46.0	6.09	Peak	218.90	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	37.614	27.83	-27.72	40.0	12.17	Peak	304.90	100	Vertical	Pass
2	64.823	33.04	-26.97	40.0	6.96	Peak	325.40	100	Vertical	Pass
3	98.919	32.22	-26.79	43.5	11.28	Peak	296.00	100	Vertical	Pass
4	122.878	32.50	-29.21	43.5	11.00	Peak	286.80	100	Vertical	Pass
5	249.026	33.29	-24.33	46.0	12.71	Peak	149.50	100	Vertical	Pass
6	306.741	33.85	-23.36	46.0	12.15	Peak	167.60	100	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1153.600	36.03	-20.37	74.0	37.97	Peak	252.00	150	Horizontal	Pass
1**	1153.600	26.92	-20.37	54.0	27.08	AV	252.00	150	Horizontal	Pass
2	2864.500	43.87	-12.31	74.0	30.13	Peak	252.00	300	Horizontal	Pass
2**	2864.500	34.06	-12.31	54.0	19.94	AV	252.00	300	Horizontal	Pass
3	4310.750	46.99	-6.20	74.0	27.01	Peak	360.00	100	Horizontal	Pass
3**	4310.750	38.20	-6.20	54.0	15.80	AV	360.00	100	Horizontal	Pass
4	5181.500	103.37	-4.66	--	--	Peak	132.00	100	Horizontal	N/A
4**	5181.500	95.31	-4.66	--	--	AV	132.00	100	Horizontal	N/A
5	7501.250	54.29	-0.81	74.0	19.71	Peak	79.00	200	Horizontal	Pass
5**	7501.250	45.03	-0.81	54.0	8.97	AV	79.00	200	Horizontal	Pass
6	12368.338	53.85	0.58	74.0	20.15	Peak	16.00	400	Horizontal	Pass
6**	12368.338	43.67	0.58	54.0	10.33	AV	16.00	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	1594.400	37.12	-19.99	74.0	36.88	Peak	76.00	300	Vertical	Pass
1**	1594.400	28.31	-19.99	54.0	25.69	AV	76.00	300	Vertical	Pass
2	2762.100	43.48	-12.79	74.0	30.52	Peak	106.00	400	Vertical	Pass
2**	2762.100	33.42	-12.79	54.0	20.58	AV	106.00	400	Vertical	Pass
3	4331.500	47.81	-6.03	74.0	26.19	Peak	234.00	200	Vertical	Pass
3**	4331.500	38.62	-6.03	54.0	15.38	AV	234.00	200	Vertical	Pass
4	5178.000	100.60	-4.85	--	--	Peak	286.00	200	Vertical	N/A
4**	5178.000	92.51	-4.85	--	--	AV	286.00	200	Vertical	N/A
5	7528.250	54.64	-0.80	74.0	19.36	Peak	295.00	150	Vertical	Pass
5**	7528.250	45.00	-0.80	54.0	9.00	AV	295.00	150	Vertical	Pass
6	12572.112	52.56	1.41	74.0	21.44	Peak	184.00	300	Vertical	Pass
6**	12572.112	43.84	1.41	54.0	10.16	AV	184.00	300	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	1507.800	36.98	-19.55	74.0	37.02	Peak	239.00	100	Horizontal	Pass
1**	1507.800	27.64	-19.55	54.0	26.36	AV	239.00	100	Horizontal	Pass
2	2853.200	43.30	-12.23	74.0	30.70	Peak	17.00	100	Horizontal	Pass
2**	2853.200	33.59	-12.23	54.0	20.41	AV	17.00	100	Horizontal	Pass
3	4354.250	47.75	-6.60	74.0	26.25	Peak	50.00	100	Horizontal	Pass
3**	4354.250	38.47	-6.60	54.0	15.53	AV	50.00	100	Horizontal	Pass
4	5218.000	102.75	-4.76	--	--	Peak	112.00	400	Horizontal	N/A
4**	5218.000	94.53	-4.76	--	--	AV	112.00	400	Horizontal	N/A
5	7495.750	54.38	-0.47	74.0	19.62	Peak	76.00	200	Horizontal	Pass
5**	7495.750	45.45	-0.47	54.0	8.55	AV	76.00	200	Horizontal	Pass
6	12583.513	53.27	1.30	74.0	20.73	Peak	134.00	400	Horizontal	Pass
6**	12583.513	43.18	1.30	54.0	10.82	AV	134.00	400	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	1508.400	36.88	-19.56	74.0	37.12	Peak	87.00	100	Vertical	Pass
1**	1508.400	27.53	-19.56	54.0	26.47	AV	87.00	100	Vertical	Pass
2	2792.000	43.31	-12.56	74.0	30.69	Peak	178.00	200	Vertical	Pass
2**	2792.000	33.98	-12.56	54.0	20.02	AV	178.00	200	Vertical	Pass
3	4347.250	47.93	-6.49	74.0	26.07	Peak	68.00	100	Vertical	Pass
3**	4347.250	38.16	-6.49	54.0	15.84	AV	68.00	100	Vertical	Pass
4	5218.250	99.64	-4.77	--	--	Peak	301.00	200	Vertical	N/A
4**	5218.250	92.60	-4.77	--	--	AV	301.00	200	Vertical	N/A
5	7501.250	54.60	-0.81	74.0	19.40	Peak	236.00	100	Vertical	Pass
5**	7501.250	45.55	-0.81	54.0	8.45	AV	236.00	100	Vertical	Pass
6	12299.700	52.26	0.65	74.0	21.74	Peak	0.00	100	Vertical	Pass
6**	12299.700	43.10	0.65	54.0	10.90	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1150.100	36.73	-20.47	74.0	37.27	Peak	294.00	150	Horizontal	Pass
1**	1150.100	29.72	-20.47	54.0	24.28	AV	294.00	150	Horizontal	Pass
2	2741.300	43.64	-12.46	74.0	30.36	Peak	221.00	100	Horizontal	Pass
2**	2741.300	33.24	-12.46	54.0	20.76	AV	221.00	100	Horizontal	Pass
3	4335.750	47.66	-6.12	74.0	26.34	Peak	66.00	200	Horizontal	Pass
3**	4335.750	37.72	-6.12	54.0	16.28	AV	66.00	200	Horizontal	Pass
4	5242.000	103.16	-5.23	--	--	Peak	116.00	200	Horizontal	N/A
4**	5242.000	95.50	-5.23	--	--	AV	116.00	200	Horizontal	N/A
5	7496.500	54.32	-0.53	74.0	19.68	Peak	263.00	200	Horizontal	Pass
5**	7496.500	45.65	-0.53	54.0	8.35	AV	263.00	200	Horizontal	Pass
6	12273.338	52.74	0.50	74.0	21.26	Peak	149.00	100	Horizontal	Pass
6**	12273.338	44.05	0.50	54.0	9.95	AV	149.00	100	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	1506.900	37.65	-19.55	74.0	36.35	Peak	209.00	400	Vertical	Pass
1**	1506.900	27.66	-19.55	54.0	26.34	AV	209.00	400	Vertical	Pass
2	2724.000	43.34	-11.75	74.0	30.66	Peak	117.00	200	Vertical	Pass
2**	2724.000	34.27	-11.75	54.0	19.73	AV	117.00	200	Vertical	Pass
3	4323.500	47.33	-5.92	74.0	26.67	Peak	36.00	200	Vertical	Pass
3**	4323.500	38.38	-5.92	54.0	15.62	AV	36.00	200	Vertical	Pass
4	5238.500	101.18	-5.19	--	--	Peak	302.00	300	Vertical	N/A
4**	5238.500	93.37	-5.19	--	--	AV	302.00	300	Vertical	N/A
5	7480.750	54.39	-0.86	74.0	19.61	Peak	360.00	150	Vertical	Pass
5**	7480.750	44.82	-0.86	54.0	9.18	AV	360.00	150	Vertical	Pass
6	12365.963	53.05	0.60	74.0	20.95	Peak	130.00	300	Vertical	Pass
6**	12365.963	43.66	0.60	54.0	10.34	AV	130.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.600	37.37	-19.62	74.0	36.63	Peak	276.00	300	Horizontal	Pass
1**	1524.600	27.42	-19.62	54.0	26.58	AV	276.00	300	Horizontal	Pass
2	2852.900	43.40	-12.21	74.0	30.60	Peak	129.00	200	Horizontal	Pass
2**	2852.900	33.88	-12.21	54.0	20.12	AV	129.00	200	Horizontal	Pass
3	4320.750	47.31	-5.97	74.0	26.69	Peak	266.00	150	Horizontal	Pass
3**	4320.750	37.93	-5.97	54.0	16.07	AV	266.00	150	Horizontal	Pass
4	5177.750	102.28	-4.86	--	--	Peak	129.00	300	Horizontal	N/A
4**	5177.750	94.57	-4.86	--	--	AV	129.00	300	Horizontal	N/A
5	7492.000	54.24	-0.39	74.0	19.76	Peak	121.00	150	Horizontal	Pass
5**	7492.000	45.17	-0.39	54.0	8.83	AV	121.00	150	Horizontal	Pass
6	12260.987	52.60	0.43	74.0	21.40	Peak	302.00	100	Horizontal	Pass
6**	12260.987	42.72	0.43	54.0	11.28	AV	302.00	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	1388.300	37.52	-19.57	74.0	36.48	Peak	240.00	300	Vertical	Pass
1**	1388.300	27.44	-19.57	54.0	26.56	AV	240.00	300	Vertical	Pass
2	2791.400	43.29	-12.58	74.0	30.71	Peak	184.00	100	Vertical	Pass
2**	2791.400	33.83	-12.58	54.0	20.17	AV	184.00	100	Vertical	Pass
3	4347.250	47.93	-6.49	74.0	26.07	Peak	334.00	150	Vertical	Pass
3**	4347.250	38.44	-6.49	54.0	15.56	AV	334.00	150	Vertical	Pass
4	5177.750	99.75	-4.86	--	--	Peak	286.00	400	Vertical	N/A
4**	5177.750	91.92	-4.86	--	--	AV	286.00	400	Vertical	N/A
5	7546.000	54.40	-0.58	74.0	19.60	Peak	0.00	200	Vertical	Pass
5**	7546.000	45.42	-0.58	54.0	8.58	AV	0.00	200	Vertical	Pass
6	12548.600	52.77	1.58	74.0	21.23	Peak	221.00	400	Vertical	Pass
6**	12548.600	43.92	1.58	54.0	10.08	AV	221.00	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	1491.100	37.41	-19.47	74.0	36.59	Peak	140.00	400	Horizontal	Pass
1**	1491.100	27.94	-19.47	54.0	26.06	AV	140.00	400	Horizontal	Pass
2	2854.600	43.42	-12.30	74.0	30.58	Peak	345.00	300	Horizontal	Pass
2**	2854.600	33.95	-12.30	54.0	20.05	AV	345.00	300	Horizontal	Pass
3	4305.250	47.59	-6.44	74.0	26.41	Peak	154.00	200	Horizontal	Pass
3**	4305.250	37.63	-6.44	54.0	16.37	AV	154.00	200	Horizontal	Pass
4	5216.750	102.38	-4.70	--	--	Peak	111.00	100	Horizontal	N/A
4**	5216.750	94.70	-4.70	--	--	AV	111.00	100	Horizontal	N/A
5	7589.750	54.37	-0.83	74.0	19.63	Peak	336.00	100	Horizontal	Pass
5**	7589.750	45.03	-0.83	54.0	8.97	AV	336.00	100	Horizontal	Pass
6	12581.137	52.70	1.32	74.0	21.30	Peak	360.00	400	Horizontal	Pass
6**	12581.137	43.69	1.32	54.0	10.31	AV	360.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.100	37.08	-19.55	74.0	36.92	Peak	227.00	200	Vertical	Pass
1**	1507.100	27.81	-19.55	54.0	26.19	AV	227.00	200	Vertical	Pass
2	2706.100	43.90	-12.82	74.0	30.10	Peak	140.00	200	Vertical	Pass
2**	2706.100	33.41	-12.82	54.0	20.59	AV	140.00	200	Vertical	Pass
3	4330.500	47.37	-5.98	74.0	26.63	Peak	34.00	200	Vertical	Pass
3**	4330.500	38.73	-5.98	54.0	15.27	AV	34.00	200	Vertical	Pass
4	5221.250	99.77	-4.79	--	--	Peak	305.00	400	Vertical	N/A
4**	5221.250	91.56	-4.79	--	--	AV	305.00	400	Vertical	N/A
5	7613.500	54.54	-1.16	74.0	19.46	Peak	156.00	150	Vertical	Pass
5**	7613.500	45.26	-1.16	54.0	8.74	AV	156.00	150	Vertical	Pass
6	12452.175	52.34	0.87	74.0	21.66	Peak	102.00	400	Vertical	Pass
6**	12452.175	43.16	0.87	54.0	10.84	AV	102.00	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	1594.800	36.82	-19.97	74.0	37.18	Peak	153.00	300	Horizontal	Pass
1**	1594.800	27.03	-19.97	54.0	26.97	AV	153.00	300	Horizontal	Pass
2	2874.200	43.82	-12.39	74.0	30.18	Peak	0.00	100	Horizontal	Pass
2**	2874.200	33.95	-12.39	54.0	20.05	AV	0.00	100	Horizontal	Pass
3	4338.250	47.61	-6.16	74.0	26.39	Peak	59.00	100	Horizontal	Pass
3**	4338.250	38.63	-6.16	54.0	15.37	AV	59.00	100	Horizontal	Pass
4	5238.750	102.83	-5.18	--	--	Peak	127.00	100	Horizontal	N/A
4**	5238.750	95.49	-5.18	--	--	AV	127.00	100	Horizontal	N/A
5	7496.750	54.09	-0.55	74.0	19.91	Peak	300.00	100	Horizontal	Pass
5**	7496.750	45.88	-0.55	54.0	8.12	AV	300.00	100	Horizontal	Pass
6	12514.400	52.40	0.83	74.0	21.60	Peak	162.00	200	Horizontal	Pass
6**	12514.400	42.48	0.83	54.0	11.52	AV	162.00	200	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	1340.000	38.27	-19.82	74.0	35.73	Peak	185.00	300	Vertical	Pass
1**	1340.000	27.48	-19.82	54.0	26.52	AV	185.00	300	Vertical	Pass
2	2741.100	43.22	-12.44	74.0	30.78	Peak	70.00	200	Vertical	Pass
2**	2741.100	33.83	-12.44	54.0	20.17	AV	70.00	200	Vertical	Pass
3	4338.750	47.07	-6.19	74.0	26.93	Peak	186.00	200	Vertical	Pass
3**	4338.750	38.33	-6.19	54.0	15.67	AV	186.00	200	Vertical	Pass
4	5241.250	100.08	-5.19	--	--	Peak	303.00	300	Vertical	N/A
4**	5241.250	92.67	-5.19	--	--	AV	303.00	300	Vertical	N/A
5	7498.750	54.75	-0.68	74.0	19.25	Peak	325.00	200	Vertical	Pass
5**	7498.750	45.13	-0.68	54.0	8.87	AV	325.00	200	Vertical	Pass
6	12304.213	52.46	0.66	74.0	21.54	Peak	318.00	100	Vertical	Pass
6**	12304.213	43.05	0.66	54.0	10.95	AV	318.00	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	1149.500	37.26	-20.47	74.0	36.74	Peak	302.00	150	Horizontal	Pass
1**	1149.500	27.44	-20.47	54.0	26.56	AV	302.00	150	Horizontal	Pass
2	2889.900	43.53	-12.16	74.0	30.47	Peak	287.00	300	Horizontal	Pass
2**	2889.900	33.90	-12.16	54.0	20.10	AV	287.00	300	Horizontal	Pass
3	4338.000	47.31	-6.14	74.0	26.69	Peak	218.00	100	Horizontal	Pass
3**	4338.000	38.22	-6.14	54.0	15.78	AV	218.00	100	Horizontal	Pass
4	5191.500	99.76	-4.39	--	--	Peak	134.00	100	Horizontal	N/A
4**	5191.500	92.06	-4.39	--	--	AV	134.00	100	Horizontal	N/A
5	7497.750	54.34	-0.62	74.0	19.66	Peak	134.00	200	Horizontal	Pass
5**	7497.750	45.18	-0.62	54.0	8.82	AV	134.00	200	Horizontal	Pass
6	12417.974	53.08	0.52	74.0	20.92	Peak	193.00	100	Horizontal	Pass
6**	12417.974	44.01	0.52	54.0	9.99	AV	193.00	100	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	1512.700	37.04	-19.64	74.0	36.96	Peak	340.00	150	Vertical	Pass
1**	1512.700	27.01	-19.64	54.0	26.99	AV	340.00	150	Vertical	Pass
2	2807.200	43.98	-13.12	74.0	30.02	Peak	162.00	200	Vertical	Pass
2**	2807.200	33.02	-13.12	54.0	20.98	AV	162.00	200	Vertical	Pass
3	4342.750	47.08	-6.27	74.0	26.92	Peak	301.00	200	Vertical	Pass
3**	4342.750	38.30	-6.27	54.0	15.70	AV	301.00	200	Vertical	Pass
4	5191.250	96.99	-4.39	--	--	Peak	292.00	300	Vertical	N/A
4**	5191.250	90.61	-4.39	--	--	AV	292.00	300	Vertical	N/A
5	7484.000	54.14	-0.54	74.0	19.86	Peak	130.00	150	Vertical	Pass
5**	7484.000	44.82	-0.54	54.0	9.18	AV	130.00	150	Vertical	Pass
6	12551.451	52.27	1.60	74.0	21.73	Peak	315.00	300	Vertical	Pass
6**	12551.451	42.89	1.60	54.0	11.11	AV	315.00	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	1149.600	36.72	-20.46	74.0	37.28	Peak	272.00	150	Horizontal	Pass
1**	1149.600	27.99	-20.46	54.0	26.01	AV	272.00	150	Horizontal	Pass
2	2769.600	42.73	-12.82	74.0	31.27	Peak	331.00	150	Horizontal	Pass
2**	2769.600	34.04	-12.82	54.0	19.96	AV	331.00	150	Horizontal	Pass
3	4328.000	47.33	-5.94	74.0	26.67	Peak	283.00	100	Horizontal	Pass
3**	4328.000	38.51	-5.94	54.0	15.49	AV	283.00	100	Horizontal	Pass
4	5233.750	99.97	-5.12	--	--	Peak	118.00	200	Horizontal	N/A
4**	5233.750	92.23	-5.12	--	--	AV	118.00	200	Horizontal	N/A
5	7521.500	54.23	-1.04	74.0	19.77	Peak	118.00	150	Horizontal	Pass
5**	7521.500	45.06	-1.04	54.0	8.94	AV	118.00	150	Horizontal	Pass
6	12365.725	53.80	0.60	74.0	20.20	Peak	119.00	400	Horizontal	Pass
6**	12365.725	45.21	0.60	54.0	8.79	AV	119.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1403.100	36.85	-19.68	74.0	37.15	Peak	271.00	300	Vertical	Pass
1**	1403.100	27.64	-19.68	54.0	26.36	AV	271.00	300	Vertical	Pass
2	2740.200	43.52	-12.32	74.0	30.48	Peak	58.00	300	Vertical	Pass
2**	2740.200	34.05	-12.32	54.0	19.95	AV	58.00	300	Vertical	Pass
3	4329.000	46.90	-5.94	74.0	27.10	Peak	81.00	150	Vertical	Pass
3**	4329.000	38.19	-5.94	54.0	15.81	AV	81.00	150	Vertical	Pass
4	5233.750	97.17	-5.12	--	--	Peak	292.00	200	Vertical	N/A
4**	5233.750	89.23	-5.12	--	--	AV	292.00	200	Vertical	N/A
5	7604.000	54.21	-0.58	74.0	19.79	Peak	333.00	100	Vertical	Pass
5**	7604.000	45.14	-0.58	54.0	8.86	AV	333.00	100	Vertical	Pass
6	12547.651	52.87	1.56	74.0	21.13	Peak	22.00	300	Vertical	Pass
6**	12547.651	43.93	1.56	54.0	10.07	AV	22.00	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	1149.600	36.24	-20.46	74.0	37.76	Peak	268.00	150	Horizontal	Pass
1**	1149.600	28.59	-20.46	54.0	25.41	AV	268.00	150	Horizontal	Pass
2	2720.300	42.93	-12.12	74.0	31.07	Peak	193.00	200	Horizontal	Pass
2**	2720.300	33.73	-12.12	54.0	20.27	AV	193.00	200	Horizontal	Pass
3	4304.500	47.30	-6.47	74.0	26.70	Peak	292.00	100	Horizontal	Pass
3**	4304.500	37.63	-6.47	54.0	16.37	AV	292.00	100	Horizontal	Pass
4	5179.000	102.64	-4.80	--	--	Peak	129.00	300	Horizontal	N/A
4**	5179.000	96.07	-4.80	--	--	AV	129.00	300	Horizontal	N/A
5	7593.500	53.87	-0.56	74.0	20.13	Peak	192.00	100	Horizontal	Pass
5**	7593.500	45.36	-0.56	54.0	8.64	AV	192.00	100	Horizontal	Pass
6	12677.562	52.08	0.61	74.0	21.92	Peak	154.00	200	Horizontal	Pass
6**	12677.562	42.70	0.61	54.0	11.30	AV	154.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.200	36.51	-19.71	74.0	37.49	Peak	176.00	150	Vertical	Pass
1**	1532.200	27.43	-19.71	54.0	26.57	AV	176.00	150	Vertical	Pass
2	2855.700	43.61	-12.33	74.0	30.39	Peak	117.00	400	Vertical	Pass
2**	2855.700	34.25	-12.33	54.0	19.75	AV	117.00	400	Vertical	Pass
3	4342.750	47.19	-6.27	74.0	26.81	Peak	0.00	200	Vertical	Pass
3**	4342.750	38.41	-6.27	54.0	15.59	AV	0.00	200	Vertical	Pass
4	5181.250	99.02	-4.67	--	--	Peak	290.00	400	Vertical	N/A
4**	5181.250	92.17	-4.67	--	--	AV	290.00	400	Vertical	N/A
5	7584.000	53.82	-1.31	74.0	20.18	Peak	0.00	150	Vertical	Pass
5**	7584.000	44.85	-1.31	54.0	9.15	AV	0.00	150	Vertical	Pass
6	12334.137	53.25	0.71	74.0	20.75	Peak	360.00	200	Vertical	Pass
6**	12334.137	43.51	0.71	54.0	10.49	AV	360.00	200	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	1149.700	36.23	-20.46	74.0	37.77	Peak	299.00	150	Horizontal	Pass
1**	1149.700	29.15	-20.46	54.0	24.85	AV	299.00	150	Horizontal	Pass
2	2869.000	44.60	-12.44	74.0	29.40	Peak	337.00	300	Horizontal	Pass
2**	2869.000	34.22	-12.44	54.0	19.78	AV	337.00	300	Horizontal	Pass
3	4328.250	47.46	-5.94	74.0	26.54	Peak	192.00	100	Horizontal	Pass
3**	4328.250	38.53	-5.94	54.0	15.47	AV	192.00	100	Horizontal	Pass
4	5218.250	102.66	-4.77	--	--	Peak	127.00	100	Horizontal	N/A
4**	5218.250	94.96	-4.77	--	--	AV	127.00	100	Horizontal	N/A
5	7596.000	54.28	-0.46	74.0	19.72	Peak	192.00	200	Horizontal	Pass
5**	7596.000	45.14	-0.46	54.0	8.86	AV	192.00	200	Horizontal	Pass
6	12393.513	53.11	0.36	74.0	20.89	Peak	331.00	200	Horizontal	Pass
6**	12393.513	42.85	0.36	54.0	11.15	AV	331.00	200	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	1323.000	37.46	-19.76	74.0	36.54	Peak	265.00	200	Vertical	Pass
1**	1323.000	27.70	-19.76	54.0	26.30	AV	265.00	200	Vertical	Pass
2	2886.100	43.29	-12.20	74.0	30.71	Peak	234.00	200	Vertical	Pass
2**	2886.100	34.00	-12.20	54.0	20.00	AV	234.00	200	Vertical	Pass
3	4338.750	46.94	-6.19	74.0	27.06	Peak	319.00	100	Vertical	Pass
3**	4338.750	37.85	-6.19	54.0	16.15	AV	319.00	100	Vertical	Pass
4	5221.500	99.01	-4.78	--	--	Peak	293.00	300	Vertical	N/A
4**	5221.500	91.49	-4.78	--	--	AV	293.00	300	Vertical	N/A
5	7529.000	54.65	-0.76	74.0	19.35	Peak	0.00	200	Vertical	Pass
5**	7529.000	45.38	-0.76	54.0	8.62	AV	0.00	200	Vertical	Pass
6	12420.588	52.94	0.55	74.0	21.06	Peak	151.00	200	Vertical	Pass
6**	12420.588	43.16	0.55	54.0	10.84	AV	151.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1149.800	35.63	-20.47	74.0	38.37	Peak	264.00	150	Horizontal	Pass
1**	1149.800	28.78	-20.47	54.0	25.22	AV	264.00	150	Horizontal	Pass
2	2734.000	43.77	-11.75	74.0	30.23	Peak	335.00	200	Horizontal	Pass
2**	2734.000	34.47	-11.75	54.0	19.53	AV	335.00	200	Horizontal	Pass
3	4329.750	47.45	-5.96	74.0	26.55	Peak	172.00	200	Horizontal	Pass
3**	4329.750	38.41	-5.96	54.0	15.59	AV	172.00	200	Horizontal	Pass
4	5238.250	102.52	-5.20	--	--	Peak	128.00	300	Horizontal	N/A
4**	5238.250	95.89	-5.20	--	--	AV	128.00	300	Horizontal	N/A
5	7493.750	54.75	-0.42	74.0	19.25	Peak	254.00	200	Horizontal	Pass
5**	7493.750	46.38	-0.42	54.0	7.62	AV	254.00	200	Horizontal	Pass
6	12401.350	53.08	0.32	74.0	20.92	Peak	309.00	100	Horizontal	Pass
6**	12401.350	42.99	0.32	54.0	11.01	AV	309.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1369.200	37.21	-19.64	74.0	36.79	Peak	267.00	300	Vertical	Pass
1**	1369.200	27.34	-19.64	54.0	26.66	AV	267.00	300	Vertical	Pass
2	2855.200	43.29	-12.31	74.0	30.71	Peak	256.00	300	Vertical	Pass
2**	2855.200	33.76	-12.31	54.0	20.24	AV	256.00	300	Vertical	Pass
3	4351.750	47.58	-6.62	74.0	26.42	Peak	45.00	200	Vertical	Pass
3**	4351.750	37.50	-6.62	54.0	16.50	AV	45.00	200	Vertical	Pass
4	5242.250	100.53	-5.24	--	--	Peak	293.00	200	Vertical	N/A
4**	5242.250	92.98	-5.24	--	--	AV	293.00	200	Vertical	N/A
5	7544.250	53.91	-0.39	74.0	20.09	Peak	360.00	150	Vertical	Pass
5**	7544.250	45.55	-0.39	54.0	8.45	AV	360.00	150	Vertical	Pass
6	12326.776	52.34	0.70	74.0	21.66	Peak	269.00	200	Vertical	Pass
6**	12326.776	43.10	0.70	54.0	10.90	AV	269.00	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	1149.600	36.29	-20.46	74.0	37.71	Peak	281.00	150	Horizontal	Pass
1**	1149.600	29.05	-20.46	54.0	24.95	AV	281.00	150	Horizontal	Pass
2	2889.900	43.74	-12.16	74.0	30.26	Peak	91.00	100	Horizontal	Pass
2**	2889.900	33.81	-12.16	54.0	20.19	AV	91.00	100	Horizontal	Pass
3	4294.500	46.69	-6.80	74.0	27.31	Peak	268.00	100	Horizontal	Pass
3**	4294.500	37.15	-6.80	54.0	16.85	AV	268.00	100	Horizontal	Pass
4	5188.250	99.84	-4.41	--	--	Peak	127.00	100	Horizontal	N/A
4**	5188.250	92.23	-4.41	--	--	AV	127.00	100	Horizontal	N/A
5	7706.750	53.84	-1.46	74.0	20.16	Peak	334.00	150	Horizontal	Pass
5**	7706.750	44.83	-1.46	54.0	9.17	AV	334.00	150	Horizontal	Pass
6	12241.988	52.91	0.24	74.0	21.09	Peak	75.00	200	Horizontal	Pass
6**	12241.988	42.53	0.24	54.0	11.47	AV	75.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1472.900	36.50	-19.73	74.0	37.50	Peak	325.00	150	Vertical	Pass
1**	1472.900	27.17	-19.73	54.0	26.83	AV	325.00	150	Vertical	Pass
2	2755.100	42.95	-12.98	74.0	31.05	Peak	268.00	100	Vertical	Pass
2**	2755.100	34.18	-12.98	54.0	19.82	AV	268.00	100	Vertical	Pass
3	4311.250	47.15	-6.17	74.0	26.85	Peak	262.00	100	Vertical	Pass
3**	4311.250	38.80	-6.17	54.0	15.20	AV	262.00	100	Vertical	Pass
4	5197.000	97.15	-4.36	--	--	Peak	290.00	200	Vertical	N/A
4**	5197.000	90.25	-4.36	--	--	AV	290.00	200	Vertical	N/A
5	7592.750	54.20	-0.61	74.0	19.80	Peak	244.00	100	Vertical	Pass
5**	7592.750	45.41	-0.61	54.0	8.59	AV	244.00	100	Vertical	Pass
6	12552.875	52.30	1.58	74.0	21.70	Peak	105.00	100	Vertical	Pass
6**	12552.875	43.42	1.58	54.0	10.58	AV	105.00	100	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	1150.100	35.75	-20.47	74.0	38.25	Peak	226.00	150	Horizontal	Pass
1**	1150.100	29.58	-20.47	54.0	24.42	AV	226.00	150	Horizontal	Pass
2	2884.300	43.72	-12.27	74.0	30.28	Peak	35.00	300	Horizontal	Pass
2**	2884.300	33.79	-12.27	54.0	20.21	AV	35.00	300	Horizontal	Pass
3	4353.250	47.34	-6.61	74.0	26.66	Peak	331.00	100	Horizontal	Pass
3**	4353.250	38.04	-6.61	54.0	15.96	AV	331.00	100	Horizontal	Pass
4	5235.000	99.29	-5.10	--	--	Peak	105.00	200	Horizontal	N/A
4**	5235.000	92.48	-5.10	--	--	AV	105.00	200	Horizontal	N/A
5	7500.500	53.82	-0.77	74.0	20.18	Peak	21.00	200	Horizontal	Pass
5**	7500.500	44.42	-0.77	54.0	9.58	AV	21.00	200	Horizontal	Pass
6	12541.950	52.05	1.43	74.0	21.95	Peak	279.00	400	Horizontal	Pass
6**	12541.950	43.72	1.43	54.0	10.28	AV	279.00	400	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	1403.900	37.30	-19.70	74.0	36.70	Peak	319.00	100	Vertical	Pass
1**	1403.900	27.22	-19.70	54.0	26.78	AV	319.00	100	Vertical	Pass
2	2854.100	43.06	-12.28	74.0	30.94	Peak	162.00	100	Vertical	Pass
2**	2854.100	35.57	-12.28	54.0	18.43	AV	162.00	100	Vertical	Pass
3	4366.250	47.82	-6.78	74.0	26.18	Peak	0.00	100	Vertical	Pass
3**	4366.250	38.12	-6.78	54.0	15.88	AV	0.00	100	Vertical	Pass
4	5235.500	97.64	-5.10	--	--	Peak	295.00	300	Vertical	N/A
4**	5235.500	89.68	-5.10	--	--	AV	295.00	300	Vertical	N/A
5	7594.000	53.98	-0.53	74.0	20.02	Peak	315.00	200	Vertical	Pass
5**	7594.000	44.89	-0.53	54.0	9.11	AV	315.00	200	Vertical	Pass
6	12545.988	52.16	1.52	74.0	21.84	Peak	86.00	400	Vertical	Pass
6**	12545.988	44.40	1.52	54.0	9.60	AV	86.00	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	1149.900	36.53	-20.47	74.0	37.47	Peak	358.00	150	Horizontal	Pass
1**	1149.900	29.67	-20.47	54.0	24.33	AV	358.00	150	Horizontal	Pass
2	2732.700	42.88	-11.63	74.0	31.12	Peak	0.00	200	Horizontal	Pass
2**	2732.700	34.59	-11.63	54.0	19.41	AV	0.00	200	Horizontal	Pass
3	4326.500	47.03	-5.95	74.0	26.97	Peak	228.00	100	Horizontal	Pass
3**	4326.500	37.86	-5.95	54.0	16.14	AV	228.00	100	Horizontal	Pass
4	5197.250	97.86	-4.35	--	--	Peak	115.00	200	Horizontal	N/A
4**	5197.250	88.28	-4.35	--	--	AV	115.00	200	Horizontal	N/A
5	7678.000	53.93	-1.37	74.0	20.07	Peak	80.00	150	Horizontal	Pass
5**	7678.000	43.67	-1.37	54.0	10.33	AV	80.00	150	Horizontal	Pass
6	12327.725	52.54	0.70	74.0	21.46	Peak	31.00	300	Horizontal	Pass
6**	12327.725	43.25	0.70	54.0	10.75	AV	31.00	300	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	1487.100	37.78	-19.58	74.0	36.22	Peak	79.00	200	Vertical	Pass
1**	1487.100	27.58	-19.58	54.0	26.42	AV	79.00	200	Vertical	Pass
2	2783.300	42.94	-12.96	74.0	31.06	Peak	300.00	400	Vertical	Pass
2**	2783.300	33.67	-12.96	54.0	20.33	AV	300.00	400	Vertical	Pass
3	4281.750	47.23	-6.93	74.0	26.77	Peak	309.00	200	Vertical	Pass
3**	4281.750	37.10	-6.93	54.0	16.90	AV	309.00	200	Vertical	Pass
4	5205.750	94.84	-4.65	--	--	Peak	292.00	200	Vertical	N/A
4**	5205.750	87.61	-4.65	--	--	AV	292.00	200	Vertical	N/A
5	7500.500	54.43	-0.77	74.0	19.57	Peak	58.00	100	Vertical	Pass
5**	7500.500	45.17	-0.77	54.0	8.83	AV	58.00	100	Vertical	Pass
6	12594.437	52.67	1.20	74.0	21.33	Peak	215.00	400	Vertical	Pass
6**	12594.437	41.89	1.20	54.0	12.11	AV	215.00	400	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	1150.200	35.39	-20.47	74.0	38.61	Peak	301.00	150	Horizontal	Pass
1**	1150.200	29.57	-20.47	54.0	24.43	AV	301.00	150	Horizontal	Pass
2	2818.900	43.35	-12.85	74.0	30.65	Peak	92.00	400	Horizontal	Pass
2**	2818.900	34.97	-12.85	54.0	19.03	AV	92.00	400	Horizontal	Pass
3	4325.250	46.95	-5.94	74.0	27.05	Peak	208.00	200	Horizontal	Pass
3**	4325.250	38.62	-5.94	54.0	15.38	AV	208.00	200	Horizontal	Pass
4	5261.250	102.25	-5.22	--	--	Peak	122.00	400	Horizontal	N/A
4**	5261.250	95.24	-5.22	--	--	AV	122.00	400	Horizontal	N/A
5	7534.750	54.19	-0.44	74.0	19.81	Peak	336.00	100	Horizontal	Pass
5**	7534.750	44.52	-0.44	54.0	9.48	AV	336.00	100	Horizontal	Pass
6	12350.763	52.08	0.73	74.0	21.92	Peak	56.00	300	Horizontal	Pass
6**	12350.763	42.84	0.73	54.0	11.16	AV	56.00	300	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	1583.200	37.41	-20.07	74.0	36.59	Peak	8.00	200	Vertical	Pass
1**	1583.200	26.52	-20.07	54.0	27.48	AV	8.00	200	Vertical	Pass
2	2756.800	43.98	-12.96	74.0	30.02	Peak	92.00	400	Vertical	Pass
2**	2756.800	33.32	-12.96	54.0	20.68	AV	92.00	400	Vertical	Pass
3	4327.250	47.55	-5.94	74.0	26.45	Peak	150.00	150	Vertical	Pass
3**	4327.250	39.69	-5.94	54.0	14.31	AV	150.00	150	Vertical	Pass
4	5261.500	99.97	-5.21	--	--	Peak	288.00	200	Vertical	N/A
4**	5261.500	92.57	-5.21	--	--	AV	288.00	200	Vertical	N/A
5	7600.000	54.47	-0.36	74.0	19.53	Peak	227.00	150	Vertical	Pass
5**	7600.000	45.34	-0.36	54.0	8.66	AV	227.00	150	Vertical	Pass
6	12546.700	52.43	1.54	74.0	21.57	Peak	140.00	200	Vertical	Pass
6**	12546.700	43.23	1.54	54.0	10.77	AV	140.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1150.100	37.39	-20.47	74.0	36.61	Peak	261.00	150	Horizontal	Pass
1**	1150.100	29.87	-20.47	54.0	24.13	AV	261.00	150	Horizontal	Pass
2	2803.100	43.09	-12.94	74.0	30.91	Peak	183.00	300	Horizontal	Pass
2**	2803.100	33.97	-12.94	54.0	20.03	AV	183.00	300	Horizontal	Pass
3	4221.250	47.46	-7.64	74.0	26.54	Peak	95.00	200	Horizontal	Pass
3**	4221.250	37.21	-7.64	54.0	16.79	AV	95.00	200	Horizontal	Pass
4	5299.000	103.32	-5.60	--	--	Peak	121.00	300	Horizontal	N/A
4**	5299.000	94.91	-5.60	--	--	AV	121.00	300	Horizontal	N/A
5	7698.250	54.01	-1.41	74.0	19.99	Peak	0.00	150	Horizontal	Pass
5**	7698.250	44.28	-1.41	54.0	9.72	AV	0.00	150	Horizontal	Pass
6	12582.325	52.57	1.31	74.0	21.43	Peak	67.00	200	Horizontal	Pass
6**	12582.325	42.96	1.31	54.0	11.04	AV	67.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1420.100	37.31	-19.75	74.0	36.69	Peak	226.00	400	Vertical	Pass
1**	1420.100	27.56	-19.75	54.0	26.44	AV	226.00	400	Vertical	Pass
2	2851.700	43.56	-12.14	74.0	30.44	Peak	28.00	200	Vertical	Pass
2**	2851.700	34.20	-12.14	54.0	19.80	AV	28.00	200	Vertical	Pass
3	4366.250	47.60	-6.78	74.0	26.40	Peak	243.00	100	Vertical	Pass
3**	4366.250	38.03	-6.78	54.0	15.97	AV	243.00	100	Vertical	Pass
4	5298.750	100.57	-5.58	--	--	Peak	294.00	400	Vertical	N/A
4**	5298.750	92.68	-5.58	--	--	AV	294.00	400	Vertical	N/A
5	7594.750	54.36	-0.49	74.0	19.64	Peak	26.00	100	Vertical	Pass
5**	7594.750	45.34	-0.49	54.0	8.66	AV	26.00	100	Vertical	Pass
6	12299.463	52.52	0.65	74.0	21.48	Peak	275.00	300	Vertical	Pass
6**	12299.463	43.95	0.65	54.0	10.05	AV	275.00	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	1149.800	36.14	-20.47	74.0	37.86	Peak	112.00	150	Horizontal	Pass
1**	1149.800	28.87	-20.47	54.0	25.13	AV	112.00	150	Horizontal	Pass
2	2791.900	43.53	-12.56	74.0	30.47	Peak	249.00	100	Horizontal	Pass
2**	2791.900	34.48	-12.56	54.0	19.52	AV	249.00	100	Horizontal	Pass
3	4351.000	47.14	-6.61	74.0	26.86	Peak	113.00	200	Horizontal	Pass
3**	4351.000	38.31	-6.61	54.0	15.69	AV	113.00	200	Horizontal	Pass
4	5320.500	103.04	-5.62	--	--	Peak	122.00	400	Horizontal	N/A
4**	5320.500	94.88	-5.62	--	--	AV	122.00	400	Horizontal	N/A
5	7532.500	54.00	-0.53	74.0	20.00	Peak	113.00	200	Horizontal	Pass
5**	7532.500	45.58	-0.53	54.0	8.42	AV	113.00	200	Horizontal	Pass
6	12373.088	52.23	0.54	74.0	21.77	Peak	67.00	200	Horizontal	Pass
6**	12373.088	43.37	0.54	54.0	10.63	AV	67.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.100	36.97	-19.67	74.0	37.03	Peak	43.00	100	Vertical	Pass
1**	1481.100	27.35	-19.67	54.0	26.65	AV	43.00	100	Vertical	Pass
2	2882.600	43.29	-12.26	74.0	30.71	Peak	176.00	300	Vertical	Pass
2**	2882.600	33.26	-12.26	54.0	20.74	AV	176.00	300	Vertical	Pass
3	4319.750	47.49	-5.98	74.0	26.51	Peak	324.00	100	Vertical	Pass
3**	4319.750	37.93	-5.98	54.0	16.07	AV	324.00	100	Vertical	Pass
4	5319.000	100.41	-5.68	--	--	Peak	295.00	300	Vertical	N/A
4**	5319.000	92.73	-5.68	--	--	AV	295.00	300	Vertical	N/A
5	7490.500	54.84	-0.32	74.0	19.16	Peak	181.00	150	Vertical	Pass
5**	7490.500	45.97	-0.32	54.0	8.03	AV	181.00	150	Vertical	Pass
6	12371.662	52.43	0.55	74.0	21.57	Peak	182.00	100	Vertical	Pass
6**	12371.662	43.62	0.55	54.0	10.38	AV	182.00	100	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	1149.800	36.31	-20.47	74.0	37.69	Peak	8.00	150	Horizontal	Pass
1**	1149.800	29.43	-20.47	54.0	24.57	AV	8.00	150	Horizontal	Pass
2	2883.100	43.88	-12.27	74.0	30.12	Peak	253.00	200	Horizontal	Pass
2**	2883.100	33.77	-12.27	54.0	20.23	AV	253.00	200	Horizontal	Pass
3	4343.500	47.71	-6.25	74.0	26.29	Peak	70.00	200	Horizontal	Pass
3**	4343.500	38.00	-6.25	54.0	16.00	AV	70.00	200	Horizontal	Pass
4	5258.750	102.46	-5.26	--	--	Peak	122.00	200	Horizontal	N/A
4**	5258.750	94.58	-5.26	--	--	AV	122.00	200	Horizontal	N/A
5	7593.500	54.86	-0.56	74.0	19.14	Peak	9.00	100	Horizontal	Pass
5**	7593.500	44.85	-0.56	54.0	9.15	AV	9.00	100	Horizontal	Pass
6	12275.474	52.31	0.51	74.0	21.69	Peak	311.00	300	Horizontal	Pass
6**	12275.474	42.55	0.51	54.0	11.45	AV	311.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.100	37.25	-19.52	74.0	36.75	Peak	10.00	200	Vertical	Pass
1**	1497.100	27.58	-19.52	54.0	26.42	AV	10.00	200	Vertical	Pass
2	2723.700	43.20	-11.78	74.0	30.80	Peak	0.00	200	Vertical	Pass
2**	2723.700	33.89	-11.78	54.0	20.11	AV	0.00	200	Vertical	Pass
3	4361.250	47.53	-6.70	74.0	26.47	Peak	225.00	100	Vertical	Pass
3**	4361.250	37.73	-6.70	54.0	16.27	AV	225.00	100	Vertical	Pass
4	5257.500	99.66	-5.24	--	--	Peak	295.00	300	Vertical	N/A
4**	5257.500	91.50	-5.24	--	--	AV	295.00	300	Vertical	N/A
5	7528.250	54.59	-0.80	74.0	19.41	Peak	360.00	150	Vertical	Pass
5**	7528.250	44.65	-0.80	54.0	9.35	AV	360.00	150	Vertical	Pass
6	12297.562	52.58	0.64	74.0	21.42	Peak	360.00	300	Vertical	Pass
6**	12297.562	43.74	0.64	54.0	10.26	AV	360.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1150.200	36.76	-20.47	74.0	37.24	Peak	274.00	150	Horizontal	Pass
1**	1150.200	28.82	-20.47	54.0	25.18	AV	274.00	150	Horizontal	Pass
2	2816.700	43.28	-12.90	74.0	30.72	Peak	0.00	200	Horizontal	Pass
2**	2816.700	33.22	-12.90	54.0	20.78	AV	0.00	200	Horizontal	Pass
3	4328.750	47.72	-5.94	74.0	26.28	Peak	55.00	150	Horizontal	Pass
3**	4328.750	38.82	-5.94	54.0	15.18	AV	55.00	150	Horizontal	Pass
4	5302.000	102.14	-5.65	--	--	Peak	115.00	200	Horizontal	N/A
4**	5302.000	95.14	-5.65	--	--	AV	115.00	200	Horizontal	N/A
5	7492.500	53.79	-0.41	74.0	20.21	Peak	141.00	200	Horizontal	Pass
5**	7492.500	44.75	-0.41	54.0	9.25	AV	141.00	200	Horizontal	Pass
6	12362.637	53.24	0.63	74.0	20.76	Peak	313.00	100	Horizontal	Pass
6**	12362.637	43.08	0.63	54.0	10.92	AV	313.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.200	37.39	-19.73	74.0	36.61	Peak	271.00	300	Vertical	Pass
1**	1461.200	27.72	-19.73	54.0	26.28	AV	271.00	300	Vertical	Pass
2	2797.700	43.14	-12.72	74.0	30.86	Peak	303.00	400	Vertical	Pass
2**	2797.700	34.27	-12.72	54.0	19.73	AV	303.00	400	Vertical	Pass
3	4353.500	47.37	-6.60	74.0	26.63	Peak	68.00	100	Vertical	Pass
3**	4353.500	38.75	-6.60	54.0	15.25	AV	68.00	100	Vertical	Pass
4	5302.000	99.50	-5.65	--	--	Peak	296.00	300	Vertical	N/A
4**	5302.000	92.07	-5.65	--	--	AV	296.00	300	Vertical	N/A
5	7305.000	53.59	-2.26	74.0	20.41	Peak	68.00	150	Vertical	Pass
5**	7305.000	44.38	-2.26	54.0	9.62	AV	68.00	150	Vertical	Pass
6	12256.474	52.68	0.40	74.0	21.32	Peak	222.00	200	Vertical	Pass
6**	12256.474	42.62	0.40	54.0	11.38	AV	222.00	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	1149.800	36.25	-20.47	74.0	37.75	Peak	43.00	150	Horizontal	Pass
1**	1149.800	29.45	-20.47	54.0	24.55	AV	43.00	150	Horizontal	Pass
2	2881.900	43.86	-12.24	74.0	30.14	Peak	253.00	400	Horizontal	Pass
2**	2881.900	33.44	-12.24	54.0	20.56	AV	253.00	400	Horizontal	Pass
3	4304.500	46.89	-6.47	74.0	27.11	Peak	302.00	100	Horizontal	Pass
3**	4304.500	37.40	-6.47	54.0	16.60	AV	302.00	100	Horizontal	Pass
4	5319.000	102.62	-5.68	--	--	Peak	138.00	100	Horizontal	N/A
4**	5319.000	95.34	-5.68	--	--	AV	138.00	100	Horizontal	N/A
5	7674.000	53.73	-1.37	74.0	20.27	Peak	360.00	200	Horizontal	Pass
5**	7674.000	44.35	-1.37	54.0	9.65	AV	360.00	200	Horizontal	Pass
6	12540.763	52.61	1.41	74.0	21.39	Peak	116.00	300	Horizontal	Pass
6**	12540.763	43.60	1.41	54.0	10.40	AV	116.00	300	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	1574.800	37.39	-19.90	74.0	36.61	Peak	231.00	100	Vertical	Pass
1**	1574.800	27.28	-19.90	54.0	26.72	AV	231.00	100	Vertical	Pass
2	2861.200	43.58	-12.39	74.0	30.42	Peak	107.00	200	Vertical	Pass
2**	2861.200	33.91	-12.39	54.0	20.09	AV	107.00	200	Vertical	Pass
3	4346.750	47.07	-6.49	74.0	26.93	Peak	234.00	100	Vertical	Pass
3**	4346.750	38.00	-6.49	54.0	16.00	AV	234.00	100	Vertical	Pass
4	5322.000	100.30	-5.60	--	--	Peak	295.00	100	Vertical	N/A
4**	5322.000	92.46	-5.60	--	--	AV	295.00	100	Vertical	N/A
5	7543.500	53.94	-0.32	74.0	20.06	Peak	277.00	200	Vertical	Pass
5**	7543.500	44.95	-0.32	54.0	9.05	AV	277.00	200	Vertical	Pass
6	12347.201	52.75	0.73	74.0	21.25	Peak	340.00	200	Vertical	Pass
6**	12347.201	43.05	0.73	54.0	10.95	AV	340.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1150.000	35.63	-20.47	74.0	38.37	Peak	120.00	150	Horizontal	Pass
1**	1150.000	29.49	-20.47	54.0	24.51	AV	120.00	150	Horizontal	Pass
2	2784.600	43.42	-12.89	74.0	30.58	Peak	298.00	400	Horizontal	Pass
2**	2784.600	33.71	-12.89	54.0	20.29	AV	298.00	400	Horizontal	Pass
3	4332.250	47.38	-6.06	74.0	26.62	Peak	186.00	150	Horizontal	Pass
3**	4332.250	38.69	-6.06	54.0	15.31	AV	186.00	150	Horizontal	Pass
4	5266.250	99.56	-5.10	--	--	Peak	133.00	300	Horizontal	N/A
4**	5266.250	91.81	-5.10	--	--	AV	133.00	300	Horizontal	N/A
5	7487.000	54.41	-0.36	74.0	19.59	Peak	177.00	200	Horizontal	Pass
5**	7487.000	44.86	-0.36	54.0	9.14	AV	177.00	200	Horizontal	Pass
6	12518.200	52.48	0.91	74.0	21.52	Peak	278.00	300	Horizontal	Pass
6**	12518.200	42.82	0.91	54.0	11.18	AV	278.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.600	36.59	-19.45	74.0	37.41	Peak	307.00	200	Vertical	Pass
1**	1491.600	27.74	-19.45	54.0	26.26	AV	307.00	200	Vertical	Pass
2	2885.100	44.01	-12.24	74.0	29.99	Peak	314.00	400	Vertical	Pass
2**	2885.100	34.25	-12.24	54.0	19.75	AV	314.00	400	Vertical	Pass
3	4323.000	47.68	-5.92	74.0	26.32	Peak	309.00	150	Vertical	Pass
3**	4323.000	39.09	-5.92	54.0	14.91	AV	309.00	150	Vertical	Pass
4	5272.500	97.33	-4.99	--	--	Peak	292.00	300	Vertical	N/A
4**	5272.500	89.29	-4.99	--	--	AV	292.00	300	Vertical	N/A
5	7536.250	54.87	-0.35	74.0	19.13	Peak	168.00	200	Vertical	Pass
5**	7536.250	45.58	-0.35	54.0	8.42	AV	168.00	200	Vertical	Pass
6	12271.674	52.57	0.49	74.0	21.43	Peak	69.00	400	Vertical	Pass
6**	12271.674	43.73	0.49	54.0	10.27	AV	69.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1149.900	36.32	-20.47	74.0	37.68	Peak	275.00	150	Horizontal	Pass
1**	1149.900	29.13	-20.47	54.0	24.87	AV	275.00	150	Horizontal	Pass
2	2873.100	43.08	-12.45	74.0	30.92	Peak	0.00	200	Horizontal	Pass
2**	2873.100	33.81	-12.45	54.0	20.19	AV	0.00	200	Horizontal	Pass
3	4310.250	48.32	-6.24	74.0	25.68	Peak	130.00	150	Horizontal	Pass
3**	4310.250	37.52	-6.24	54.0	16.48	AV	130.00	150	Horizontal	Pass
4	5311.500	99.58	-5.71	--	--	Peak	139.00	400	Horizontal	N/A
4**	5311.500	92.03	-5.71	--	--	AV	139.00	400	Horizontal	N/A
5	7592.000	54.74	-0.66	74.0	19.26	Peak	191.00	100	Horizontal	Pass
5**	7592.000	45.04	-0.66	54.0	8.96	AV	191.00	100	Horizontal	Pass
6	12537.912	52.32	1.34	74.0	21.68	Peak	0.00	100	Horizontal	Pass
6**	12537.912	42.71	1.34	54.0	11.29	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.300	37.66	-19.44	74.0	36.34	Peak	156.00	300	Vertical	Pass
1**	1492.300	27.37	-19.44	54.0	26.63	AV	156.00	300	Vertical	Pass
2	2889.100	43.16	-12.14	74.0	30.84	Peak	192.00	300	Vertical	Pass
2**	2889.100	33.69	-12.14	54.0	20.31	AV	192.00	300	Vertical	Pass
3	4362.500	46.69	-6.67	74.0	27.31	Peak	77.00	100	Vertical	Pass
3**	4362.500	38.83	-6.67	54.0	15.17	AV	77.00	100	Vertical	Pass
4	5313.250	97.49	-5.71	--	--	Peak	291.00	200	Vertical	N/A
4**	5313.250	89.27	-5.71	--	--	AV	291.00	200	Vertical	N/A
5	7591.500	54.65	-0.70	74.0	19.35	Peak	159.00	150	Vertical	Pass
5**	7591.500	45.75	-0.70	54.0	8.25	AV	159.00	150	Vertical	Pass
6	12670.675	52.72	0.64	74.0	21.28	Peak	92.00	400	Vertical	Pass
6**	12670.675	44.09	0.64	54.0	9.91	AV	92.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1149.900	36.21	-20.47	74.0	37.79	Peak	261.00	150	Horizontal	Pass
1**	1149.900	28.47	-20.47	54.0	25.53	AV	261.00	150	Horizontal	Pass
2	2792.500	43.08	-12.55	74.0	30.92	Peak	137.00	300	Horizontal	Pass
2**	2792.500	33.62	-12.55	54.0	20.38	AV	137.00	300	Horizontal	Pass
3	4329.750	47.15	-5.96	74.0	26.85	Peak	317.00	150	Horizontal	Pass
3**	4329.750	37.82	-5.96	54.0	16.18	AV	317.00	150	Horizontal	Pass
4	5258.500	102.13	-5.26	--	--	Peak	126.00	100	Horizontal	N/A
4**	5258.500	94.50	-5.26	--	--	AV	126.00	100	Horizontal	N/A
5	7594.250	54.11	-0.52	74.0	19.89	Peak	13.00	200	Horizontal	Pass
5**	7594.250	45.40	-0.52	54.0	8.60	AV	13.00	200	Horizontal	Pass
6	12309.200	52.63	0.67	74.0	21.37	Peak	360.00	400	Horizontal	Pass
6**	12309.200	42.87	0.67	54.0	11.13	AV	360.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.100	36.87	-19.50	74.0	37.13	Peak	74.00	300	Vertical	Pass
1**	1490.100	27.26	-19.50	54.0	26.74	AV	74.00	300	Vertical	Pass
2	2868.400	43.09	-12.42	74.0	30.91	Peak	288.00	200	Vertical	Pass
2**	2868.400	33.70	-12.42	54.0	20.30	AV	288.00	200	Vertical	Pass
3	4321.750	46.81	-5.93	74.0	27.19	Peak	213.00	200	Vertical	Pass
3**	4321.750	38.63	-5.93	54.0	15.37	AV	213.00	200	Vertical	Pass
4	5261.250	99.21	-5.22	--	--	Peak	301.00	200	Vertical	N/A
4**	5261.250	92.72	-5.22	--	--	AV	301.00	200	Vertical	N/A
5	7607.250	54.21	-0.83	74.0	19.79	Peak	162.00	150	Vertical	Pass
5**	7607.250	44.20	-0.83	54.0	9.80	AV	162.00	150	Vertical	Pass
6	12543.375	52.98	1.46	74.0	21.02	Peak	8.00	400	Vertical	Pass
6**	12543.375	43.66	1.46	54.0	10.34	AV	8.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1149.900	36.08	-20.47	74.0	37.92	Peak	262.00	150	Horizontal	Pass
1**	1149.900	28.86	-20.47	54.0	25.14	AV	262.00	150	Horizontal	Pass
2	2740.400	42.91	-12.35	74.0	31.09	Peak	184.00	100	Horizontal	Pass
2**	2740.400	33.70	-12.35	54.0	20.30	AV	184.00	100	Horizontal	Pass
3	4315.000	47.68	-6.00	74.0	26.32	Peak	360.00	150	Horizontal	Pass
3**	4315.000	38.03	-6.00	54.0	15.97	AV	360.00	150	Horizontal	Pass
4	5298.750	102.30	-5.58	--	--	Peak	130.00	200	Horizontal	N/A
4**	5298.750	95.26	-5.58	--	--	AV	130.00	200	Horizontal	N/A
5	7562.500	54.12	-1.67	74.0	19.88	Peak	17.00	150	Horizontal	Pass
5**	7562.500	44.16	-1.67	54.0	9.84	AV	17.00	150	Horizontal	Pass
6	12524.137	53.28	1.04	74.0	20.72	Peak	48.00	400	Horizontal	Pass
6**	12524.137	43.19	1.04	54.0	10.81	AV	48.00	400	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	1481.200	36.79	-19.67	74.0	37.21	Peak	0.00	150	Vertical	Pass
1**	1481.200	27.88	-19.67	54.0	26.12	AV	0.00	150	Vertical	Pass
2	2732.500	43.80	-11.62	74.0	30.20	Peak	16.00	400	Vertical	Pass
2**	2732.500	33.75	-11.62	54.0	20.25	AV	16.00	400	Vertical	Pass
3	4323.500	47.62	-5.92	74.0	26.38	Peak	148.00	200	Vertical	Pass
3**	4323.500	38.62	-5.92	54.0	15.38	AV	148.00	200	Vertical	Pass
4	5302.250	99.61	-5.64	--	--	Peak	295.00	300	Vertical	N/A
4**	5302.250	91.78	-5.64	--	--	AV	295.00	300	Vertical	N/A
5	7546.750	53.86	-0.65	74.0	20.14	Peak	130.00	150	Vertical	Pass
5**	7546.750	44.30	-0.65	54.0	9.70	AV	130.00	150	Vertical	Pass
6	12365.963	52.81	0.60	74.0	21.19	Peak	23.00	100	Vertical	Pass
6**	12365.963	44.02	0.60	54.0	9.98	AV	23.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1150.100	35.78	-20.47	74.0	38.22	Peak	264.00	150	Horizontal	Pass
1**	1150.100	30.45	-20.47	54.0	23.55	AV	264.00	150	Horizontal	Pass
2	2717.800	43.36	-12.37	74.0	30.64	Peak	233.00	400	Horizontal	Pass
2**	2717.800	33.77	-12.37	54.0	20.23	AV	233.00	400	Horizontal	Pass
3	4331.500	46.92	-6.03	74.0	27.08	Peak	205.00	150	Horizontal	Pass
3**	4331.500	39.00	-6.03	54.0	15.00	AV	205.00	150	Horizontal	Pass
4	5317.500	102.12	-5.69	--	--	Peak	116.00	100	Horizontal	N/A
4**	5317.500	94.56	-5.69	--	--	AV	116.00	100	Horizontal	N/A
5	7540.000	53.90	-0.21	74.0	20.10	Peak	38.00	100	Horizontal	Pass
5**	7540.000	44.85	-0.21	54.0	9.15	AV	38.00	100	Horizontal	Pass
6	12585.888	52.27	1.28	74.0	21.73	Peak	45.00	100	Horizontal	Pass
6**	12585.888	42.82	1.28	54.0	11.18	AV	45.00	100	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	1540.700	36.70	-19.85	74.0	37.30	Peak	204.00	150	Vertical	Pass
1**	1540.700	28.16	-19.85	54.0	25.84	AV	204.00	150	Vertical	Pass
2	2890.800	44.22	-12.18	74.0	29.78	Peak	84.00	150	Vertical	Pass
2**	2890.800	33.98	-12.18	54.0	20.02	AV	84.00	150	Vertical	Pass
3	4359.000	47.04	-6.62	74.0	26.96	Peak	1.00	200	Vertical	Pass
3**	4359.000	38.25	-6.62	54.0	15.75	AV	1.00	200	Vertical	Pass
4	5321.500	100.64	-5.61	--	--	Peak	295.00	400	Vertical	N/A
4**	5321.500	92.92	-5.61	--	--	AV	295.00	400	Vertical	N/A
5	7553.000	54.33	-1.43	74.0	19.67	Peak	87.00	200	Vertical	Pass
5**	7553.000	44.70	-1.43	54.0	9.30	AV	87.00	200	Vertical	Pass
6	12341.975	52.37	0.72	74.0	21.63	Peak	151.00	100	Vertical	Pass
6**	12341.975	43.12	0.72	54.0	10.88	AV	151.00	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	1149.900	35.83	-20.47	74.0	38.17	Peak	270.00	150	Horizontal	Pass
1**	1149.900	29.32	-20.47	54.0	24.68	AV	270.00	150	Horizontal	Pass
2	2866.900	42.80	-12.34	74.0	31.20	Peak	159.00	100	Horizontal	Pass
2**	2866.900	33.27	-12.34	54.0	20.73	AV	159.00	100	Horizontal	Pass
3	4323.500	47.04	-5.92	74.0	26.96	Peak	34.00	200	Horizontal	Pass
3**	4323.500	38.66	-5.92	54.0	15.34	AV	34.00	200	Horizontal	Pass
4	5271.500	99.68	-5.00	--	--	Peak	136.00	400	Horizontal	N/A
4**	5271.500	92.25	-5.00	--	--	AV	136.00	400	Horizontal	N/A
5	7505.500	53.78	-1.04	74.0	20.22	Peak	154.00	200	Horizontal	Pass
5**	7505.500	44.59	-1.04	54.0	9.41	AV	154.00	200	Horizontal	Pass
6	12360.263	52.68	0.65	74.0	21.32	Peak	208.00	200	Horizontal	Pass
6**	12360.263	43.78	0.65	54.0	10.22	AV	208.00	200	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	1503.100	37.00	-19.54	74.0	37.00	Peak	232.00	300	Vertical	Pass
1**	1503.100	27.40	-19.54	54.0	26.60	AV	232.00	300	Vertical	Pass
2	2882.100	43.68	-12.25	74.0	30.32	Peak	285.00	100	Vertical	Pass
2**	2882.100	34.41	-12.25	54.0	19.59	AV	285.00	100	Vertical	Pass
3	4327.000	47.74	-5.94	74.0	26.26	Peak	74.00	100	Vertical	Pass
3**	4327.000	39.11	-5.94	54.0	14.89	AV	74.00	100	Vertical	Pass
4	5272.000	97.59	-5.00	--	--	Peak	300.00	200	Vertical	N/A
4**	5272.000	90.07	-5.00	--	--	AV	300.00	200	Vertical	N/A
5	7715.250	54.73	-1.55	74.0	19.27	Peak	334.00	200	Vertical	Pass
5**	7715.250	44.96	-1.55	54.0	9.04	AV	334.00	200	Vertical	Pass
6	12341.975	52.24	0.72	74.0	21.76	Peak	66.00	200	Vertical	Pass
6**	12341.975	43.70	0.72	54.0	10.30	AV	66.00	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	1150.200	36.49	-20.47	74.0	37.51	Peak	274.00	150	Horizontal	Pass
1**	1150.200	29.64	-20.47	54.0	24.36	AV	274.00	150	Horizontal	Pass
2	2790.300	43.14	-12.60	74.0	30.86	Peak	312.00	300	Horizontal	Pass
2**	2790.300	33.98	-12.60	54.0	20.02	AV	312.00	300	Horizontal	Pass
3	4307.250	47.11	-6.32	74.0	26.89	Peak	263.00	200	Horizontal	Pass
3**	4307.250	38.54	-6.32	54.0	15.46	AV	263.00	200	Horizontal	Pass
4	5311.500	99.74	-5.71	--	--	Peak	124.00	300	Horizontal	N/A
4**	5311.500	91.82	-5.71	--	--	AV	124.00	300	Horizontal	N/A
5	7576.750	54.13	-1.53	74.0	19.87	Peak	354.00	100	Horizontal	Pass
5**	7576.750	44.98	-1.53	54.0	9.02	AV	354.00	100	Horizontal	Pass
6	12543.849	53.11	1.47	74.0	20.89	Peak	328.00	200	Horizontal	Pass
6**	12543.849	43.99	1.47	54.0	10.01	AV	328.00	200	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	1531.400	36.58	-19.71	74.0	37.42	Peak	182.00	150	Vertical	Pass
1**	1531.400	27.95	-19.71	54.0	26.05	AV	182.00	150	Vertical	Pass
2	2723.500	43.48	-11.79	74.0	30.52	Peak	44.00	200	Vertical	Pass
2**	2723.500	33.25	-11.79	54.0	20.75	AV	44.00	200	Vertical	Pass
3	4331.000	47.28	-6.00	74.0	26.72	Peak	73.00	100	Vertical	Pass
3**	4331.000	38.40	-6.00	54.0	15.60	AV	73.00	100	Vertical	Pass
4	5311.500	96.88	-5.71	--	--	Peak	298.00	100	Vertical	N/A
4**	5311.500	90.23	-5.71	--	--	AV	298.00	100	Vertical	N/A
5	7494.500	53.96	-0.41	74.0	20.04	Peak	308.00	100	Vertical	Pass
5**	7494.500	45.02	-0.41	54.0	8.98	AV	308.00	100	Vertical	Pass
6	12543.612	52.50	1.47	74.0	21.50	Peak	360.00	200	Vertical	Pass
6**	12543.612	43.70	1.47	54.0	10.30	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1149.500	35.86	-20.47	74.0	38.14	Peak	259.00	150	Horizontal	Pass
1**	1149.500	27.54	-20.47	54.0	26.46	AV	259.00	150	Horizontal	Pass
2	2739.800	43.02	-12.27	74.0	30.98	Peak	360.00	100	Horizontal	Pass
2**	2739.800	33.79	-12.27	54.0	20.21	AV	360.00	100	Horizontal	Pass
3	4332.000	47.05	-6.05	74.0	26.95	Peak	250.00	150	Horizontal	Pass
3**	4332.000	38.64	-6.05	54.0	15.36	AV	250.00	150	Horizontal	Pass
4	5283.250	97.44	-5.12	--	--	Peak	136.00	400	Horizontal	N/A
4**	5283.250	89.54	-5.12	--	--	AV	136.00	400	Horizontal	N/A
5	7491.000	54.39	-0.34	74.0	19.61	Peak	355.00	100	Horizontal	Pass
5**	7491.000	45.65	-0.34	54.0	8.35	AV	355.00	100	Horizontal	Pass
6	12304.451	53.83	0.66	74.0	20.17	Peak	360.00	200	Horizontal	Pass
6**	12304.451	44.14	0.66	54.0	9.86	AV	360.00	200	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	1520.000	36.94	-19.62	74.0	37.06	Peak	61.00	150	Vertical	Pass
1**	1520.000	26.99	-19.62	54.0	27.01	AV	61.00	150	Vertical	Pass
2	2723.600	43.33	-11.78	74.0	30.67	Peak	182.00	400	Vertical	Pass
2**	2723.600	33.80	-11.78	54.0	20.20	AV	182.00	400	Vertical	Pass
3	4339.500	47.08	-6.24	74.0	26.92	Peak	104.00	100	Vertical	Pass
3**	4339.500	37.90	-6.24	54.0	16.10	AV	104.00	100	Vertical	Pass
4	5282.000	94.20	-5.07	--	--	Peak	294.00	400	Vertical	N/A
4**	5282.000	86.37	-5.07	--	--	AV	294.00	400	Vertical	N/A
5	7485.500	54.65	-0.43	74.0	19.35	Peak	112.00	100	Vertical	Pass
5**	7485.500	45.17	-0.43	54.0	8.83	AV	112.00	100	Vertical	Pass
6	12365.725	52.43	0.60	74.0	21.57	Peak	184.00	300	Vertical	Pass
6**	12365.725	44.26	0.60	54.0	9.74	AV	184.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1150.100	36.84	-20.47	74.0	37.16	Peak	296.00	150	Horizontal	Pass
1**	1150.100	29.36	-20.47	54.0	24.64	AV	296.00	150	Horizontal	Pass
2	2856.500	42.97	-12.34	74.0	31.03	Peak	333.00	200	Horizontal	Pass
2**	2856.500	33.38	-12.34	54.0	20.62	AV	333.00	200	Horizontal	Pass
3	4340.750	47.51	-6.29	74.0	26.49	Peak	155.00	150	Horizontal	Pass
3**	4340.750	38.16	-6.29	54.0	15.84	AV	155.00	150	Horizontal	Pass
4	5498.250	104.08	-4.81	--	--	Peak	128.00	200	Horizontal	N/A
4**	5498.250	96.02	-4.81	--	--	AV	128.00	200	Horizontal	N/A
5	7538.750	54.54	-0.22	74.0	19.46	Peak	303.00	100	Horizontal	Pass
5**	7538.750	45.05	-0.22	54.0	8.95	AV	303.00	100	Horizontal	Pass
6	12398.262	52.92	0.32	74.0	21.08	Peak	360.00	100	Horizontal	Pass
6**	12398.262	42.86	0.32	54.0	11.14	AV	360.00	100	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	1508.600	38.75	-19.56	74.0	35.25	Peak	266.00	400	Vertical	Pass
1**	1508.600	27.80	-19.56	54.0	26.20	AV	266.00	400	Vertical	Pass
2	2870.700	43.60	-12.41	74.0	30.40	Peak	29.00	200	Vertical	Pass
2**	2870.700	34.14	-12.41	54.0	19.86	AV	29.00	200	Vertical	Pass
3	4118.750	47.35	-7.06	74.0	26.65	Peak	160.00	100	Vertical	Pass
3**	4118.750	37.32	-7.06	54.0	16.68	AV	160.00	100	Vertical	Pass
4	5498.750	102.21	-4.78	--	--	Peak	314.00	300	Vertical	N/A
4**	5498.750	94.65	-4.78	--	--	AV	314.00	300	Vertical	N/A
5	7530.000	53.56	-0.71	74.0	20.44	Peak	344.00	200	Vertical	Pass
5**	7530.000	44.84	-0.71	54.0	9.16	AV	344.00	200	Vertical	Pass
6	12541.237	53.26	1.42	74.0	20.74	Peak	76.00	400	Vertical	Pass
6**	12541.237	43.83	1.42	54.0	10.17	AV	76.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1149.900	36.29	-20.47	74.0	37.71	Peak	226.00	150	Horizontal	Pass
1**	1149.900	29.93	-20.47	54.0	24.07	AV	226.00	150	Horizontal	Pass
2	2736.500	42.88	-11.93	74.0	31.12	Peak	290.00	300	Horizontal	Pass
2**	2736.500	33.97	-11.93	54.0	20.03	AV	290.00	300	Horizontal	Pass
3	4329.500	47.47	-5.96	74.0	26.53	Peak	171.00	200	Horizontal	Pass
3**	4329.500	38.88	-5.96	54.0	15.12	AV	171.00	200	Horizontal	Pass
4	5577.250	102.92	-5.25	--	--	Peak	135.00	300	Horizontal	N/A
4**	5577.250	94.78	-5.25	--	--	AV	135.00	300	Horizontal	N/A
5	7487.750	55.30	-0.35	74.0	18.70	Peak	302.00	150	Horizontal	Pass
5**	7487.750	44.52	-0.35	54.0	9.48	AV	302.00	150	Horizontal	Pass
6	12360.263	53.08	0.65	74.0	20.92	Peak	323.00	300	Horizontal	Pass
6**	12360.263	42.79	0.65	54.0	11.21	AV	323.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.200	37.40	-19.97	74.0	36.60	Peak	278.00	300	Vertical	Pass
1**	1568.200	27.33	-19.97	54.0	26.67	AV	278.00	300	Vertical	Pass
2	2867.100	43.47	-12.35	74.0	30.53	Peak	0.00	100	Vertical	Pass
2**	2867.100	33.56	-12.35	54.0	20.44	AV	0.00	100	Vertical	Pass
3	4348.250	47.78	-6.52	74.0	26.22	Peak	356.00	200	Vertical	Pass
3**	4348.250	38.10	-6.52	54.0	15.90	AV	356.00	200	Vertical	Pass
4	5581.250	102.85	-5.24	--	--	Peak	312.00	200	Vertical	N/A
4**	5581.250	96.21	-5.24	--	--	AV	312.00	200	Vertical	N/A
5	7498.250	54.04	-0.65	74.0	19.96	Peak	52.00	100	Vertical	Pass
5**	7498.250	45.63	-0.65	54.0	8.37	AV	52.00	100	Vertical	Pass
6	12362.162	52.57	0.63	74.0	21.43	Peak	173.00	300	Vertical	Pass
6**	12362.162	43.85	0.63	54.0	10.15	AV	173.00	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	1150.000	36.13	-20.47	74.0	37.87	Peak	275.00	150	Horizontal	Pass
1**	1150.000	29.85	-20.47	54.0	24.15	AV	275.00	150	Horizontal	Pass
2	2843.600	43.74	-12.40	74.0	30.26	Peak	205.00	100	Horizontal	Pass
2**	2843.600	33.75	-12.40	54.0	20.25	AV	205.00	100	Horizontal	Pass
3	4344.000	46.95	-6.30	74.0	27.05	Peak	27.00	100	Horizontal	Pass
3**	4344.000	37.75	-6.30	54.0	16.25	AV	27.00	100	Horizontal	Pass
4	5703.750	102.54	-5.28	--	--	Peak	130.00	200	Horizontal	N/A
4**	5703.750	93.40	-5.28	--	--	AV	130.00	200	Horizontal	N/A
5	7497.000	53.68	-0.57	74.0	20.32	Peak	360.00	200	Horizontal	Pass
5**	7497.000	45.42	-0.57	54.0	8.58	AV	360.00	200	Horizontal	Pass
6	12456.688	52.14	0.84	74.0	21.86	Peak	336.00	300	Horizontal	Pass
6**	12456.688	42.92	0.84	54.0	11.08	AV	336.00	300	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	1459.700	36.87	-19.70	74.0	37.13	Peak	360.00	400	Vertical	Pass
1**	1459.700	27.74	-19.70	54.0	26.26	AV	360.00	400	Vertical	Pass
2	2737.600	43.29	-12.02	74.0	30.71	Peak	191.00	150	Vertical	Pass
2**	2737.600	34.14	-12.02	54.0	19.86	AV	191.00	150	Vertical	Pass
3	4335.750	47.37	-6.12	74.0	26.63	Peak	207.00	150	Vertical	Pass
3**	4335.750	37.96	-6.12	54.0	16.04	AV	207.00	150	Vertical	Pass
4	5700.500	102.13	-5.23	--	--	Peak	314.00	400	Vertical	N/A
4**	5700.500	94.98	-5.23	--	--	AV	314.00	400	Vertical	N/A
5	7500.000	54.14	-0.74	74.0	19.86	Peak	269.00	150	Vertical	Pass
5**	7500.000	45.14	-0.74	54.0	8.86	AV	269.00	150	Vertical	Pass
6	12363.350	52.48	0.62	74.0	21.52	Peak	0.00	200	Vertical	Pass
6**	12363.350	43.94	0.62	54.0	10.06	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1150.100	35.81	-20.47	74.0	38.19	Peak	273.00	150	Horizontal	Pass
1**	1150.100	29.97	-20.47	54.0	24.03	AV	273.00	150	Horizontal	Pass
2	2844.900	43.96	-12.31	74.0	30.04	Peak	289.00	400	Horizontal	Pass
2**	2844.900	34.13	-12.31	54.0	19.87	AV	289.00	400	Horizontal	Pass
3	4348.250	47.14	-6.52	74.0	26.86	Peak	129.00	200	Horizontal	Pass
3**	4348.250	39.00	-6.52	54.0	15.00	AV	129.00	200	Horizontal	Pass
4	5501.000	102.66	-4.81	--	--	Peak	129.00	200	Horizontal	N/A
4**	5501.000	95.43	-4.81	--	--	AV	129.00	200	Horizontal	N/A
5	7537.000	54.57	-0.28	74.0	19.43	Peak	207.00	100	Horizontal	Pass
5**	7537.000	45.68	-0.28	54.0	8.32	AV	207.00	100	Horizontal	Pass
6	12347.675	53.03	0.73	74.0	20.97	Peak	151.00	200	Horizontal	Pass
6**	12347.675	42.50	0.73	54.0	11.50	AV	151.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.700	37.29	-19.49	74.0	36.71	Peak	187.00	400	Vertical	Pass
1**	1495.700	27.46	-19.49	54.0	26.54	AV	187.00	400	Vertical	Pass
2	2877.200	43.29	-12.40	74.0	30.71	Peak	262.00	200	Vertical	Pass
2**	2877.200	34.00	-12.40	54.0	20.00	AV	262.00	200	Vertical	Pass
3	4342.500	47.10	-6.28	74.0	26.90	Peak	297.00	200	Vertical	Pass
3**	4342.500	38.43	-6.28	54.0	15.57	AV	297.00	200	Vertical	Pass
4	5501.750	102.31	-4.83	--	--	Peak	306.00	200	Vertical	N/A
4**	5501.750	94.88	-4.83	--	--	AV	306.00	200	Vertical	N/A
5	7498.500	53.77	-0.67	74.0	20.23	Peak	360.00	200	Vertical	Pass
5**	7498.500	45.39	-0.67	54.0	8.61	AV	360.00	200	Vertical	Pass
6	12307.299	52.35	0.67	74.0	21.65	Peak	167.00	100	Vertical	Pass
6**	12307.299	43.09	0.67	54.0	10.91	AV	167.00	100	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	1499.800	36.61	-19.48	74.0	37.39	Peak	282.00	200	Horizontal	Pass
1**	1499.800	27.16	-19.48	54.0	26.84	AV	282.00	200	Horizontal	Pass
2	2794.200	43.25	-12.53	74.0	30.75	Peak	201.00	400	Horizontal	Pass
2**	2794.200	33.39	-12.53	54.0	20.61	AV	201.00	400	Horizontal	Pass
3	4359.000	47.02	-6.62	74.0	26.98	Peak	68.00	100	Horizontal	Pass
3**	4359.000	38.06	-6.62	54.0	15.94	AV	68.00	100	Horizontal	Pass
4	5578.250	102.52	-5.24	--	--	Peak	148.00	200	Horizontal	N/A
4**	5578.250	94.61	-5.24	--	--	AV	148.00	200	Horizontal	N/A
5	7491.500	53.78	-0.36	74.0	20.22	Peak	156.00	200	Horizontal	Pass
5**	7491.500	45.07	-0.36	54.0	8.93	AV	156.00	200	Horizontal	Pass
6	12378.313	52.83	0.49	74.0	21.17	Peak	321.00	200	Horizontal	Pass
6**	12378.313	43.39	0.49	54.0	10.61	AV	321.00	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	1490.000	37.24	-19.50	74.0	36.76	Peak	305.00	200	Vertical	Pass
1**	1490.000	28.30	-19.50	54.0	25.70	AV	305.00	200	Vertical	Pass
2	2755.100	43.04	-12.98	74.0	30.96	Peak	152.00	100	Vertical	Pass
2**	2755.100	32.98	-12.98	54.0	21.02	AV	152.00	100	Vertical	Pass
3	4347.000	47.05	-6.49	74.0	26.95	Peak	54.00	200	Vertical	Pass
3**	4347.000	38.76	-6.49	54.0	15.24	AV	54.00	200	Vertical	Pass
4	5582.000	103.43	-5.21	--	--	Peak	310.00	400	Vertical	N/A
4**	5582.000	96.11	-5.21	--	--	AV	310.00	400	Vertical	N/A
5	7679.750	54.63	-1.42	74.0	19.37	Peak	10.00	150	Vertical	Pass
5**	7679.750	43.93	-1.42	54.0	10.07	AV	10.00	150	Vertical	Pass
6	12577.812	52.49	1.35	74.0	21.51	Peak	164.00	100	Vertical	Pass
6**	12577.812	44.26	1.35	54.0	9.74	AV	164.00	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	1451.200	37.27	-19.72	74.0	36.73	Peak	224.00	200	Horizontal	Pass
1**	1451.200	27.90	-19.72	54.0	26.10	AV	224.00	200	Horizontal	Pass
2	2874.900	44.07	-12.35	74.0	29.93	Peak	114.00	300	Horizontal	Pass
2**	2874.900	34.78	-12.35	54.0	19.22	AV	114.00	300	Horizontal	Pass
3	4326.500	46.74	-5.95	74.0	27.26	Peak	27.00	150	Horizontal	Pass
3**	4326.500	38.47	-5.95	54.0	15.53	AV	27.00	150	Horizontal	Pass
4	5699.250	102.12	-5.21	--	--	Peak	134.00	200	Horizontal	N/A
4**	5699.250	95.54	-5.21	--	--	AV	134.00	200	Horizontal	N/A
5	7486.250	54.25	-0.38	74.0	19.75	Peak	328.00	200	Horizontal	Pass
5**	7486.250	44.80	-0.38	54.0	9.20	AV	328.00	200	Horizontal	Pass
6	12548.600	52.84	1.58	74.0	21.16	Peak	237.00	300	Horizontal	Pass
6**	12548.600	43.15	1.58	54.0	10.85	AV	237.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.800	36.93	-19.64	74.0	37.07	Peak	222.00	400	Vertical	Pass
1**	1515.800	27.08	-19.64	54.0	26.92	AV	222.00	400	Vertical	Pass
2	2868.400	42.63	-12.42	74.0	31.37	Peak	0.00	300	Vertical	Pass
2**	2868.400	33.40	-12.42	54.0	20.60	AV	0.00	300	Vertical	Pass
3	4347.000	47.15	-6.49	74.0	26.85	Peak	9.00	150	Vertical	Pass
3**	4347.000	37.34	-6.49	54.0	16.66	AV	9.00	150	Vertical	Pass
4	5698.750	102.40	-5.19	--	--	Peak	316.00	300	Vertical	N/A
4**	5698.750	94.97	-5.19	--	--	AV	316.00	300	Vertical	N/A
5	7492.750	54.02	-0.43	74.0	19.98	Peak	88.00	150	Vertical	Pass
5**	7492.750	44.63	-0.43	54.0	9.37	AV	88.00	150	Vertical	Pass
6	12451.225	52.54	0.88	74.0	21.46	Peak	44.00	200	Vertical	Pass
6**	12451.225	42.77	0.88	54.0	11.23	AV	44.00	200	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	1404.100	37.31	-19.70	74.0	36.69	Peak	212.00	100	Horizontal	Pass
1**	1404.100	28.42	-19.70	54.0	25.58	AV	212.00	100	Horizontal	Pass
2	2879.300	42.97	-12.32	74.0	31.03	Peak	8.00	200	Horizontal	Pass
2**	2879.300	33.82	-12.32	54.0	20.18	AV	8.00	200	Horizontal	Pass
3	4332.500	47.10	-6.08	74.0	26.90	Peak	1.00	100	Horizontal	Pass
3**	4332.500	39.08	-6.08	54.0	14.92	AV	1.00	100	Horizontal	Pass
4	5514.750	99.77	-5.22	--	--	Peak	114.00	300	Horizontal	N/A
4**	5514.750	91.90	-5.22	--	--	AV	114.00	300	Horizontal	N/A
5	7497.750	53.72	-0.62	74.0	20.28	Peak	89.00	150	Horizontal	Pass
5**	7497.750	44.47	-0.62	54.0	9.53	AV	89.00	150	Horizontal	Pass
6	12242.224	52.40	0.24	74.0	21.60	Peak	83.00	200	Horizontal	Pass
6**	12242.224	42.91	0.24	54.0	11.09	AV	83.00	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	1481.200	37.57	-19.67	74.0	36.43	Peak	333.00	200	Vertical	Pass
1**	1481.200	26.64	-19.67	54.0	27.36	AV	333.00	200	Vertical	Pass
2	2803.600	42.76	-12.97	74.0	31.24	Peak	311.00	400	Vertical	Pass
2**	2803.600	34.26	-12.97	54.0	19.74	AV	311.00	400	Vertical	Pass
3	4311.500	46.78	-6.15	74.0	27.22	Peak	266.00	100	Vertical	Pass
3**	4311.500	38.42	-6.15	54.0	15.58	AV	266.00	100	Vertical	Pass
4	5508.500	99.06	-5.08	--	--	Peak	294.00	200	Vertical	N/A
4**	5508.500	91.24	-5.08	--	--	AV	294.00	200	Vertical	N/A
5	7588.750	53.64	-0.89	74.0	20.36	Peak	2.00	200	Vertical	Pass
5**	7588.750	44.89	-0.89	54.0	9.11	AV	2.00	200	Vertical	Pass
6	12360.738	52.58	0.64	74.0	21.42	Peak	117.00	200	Vertical	Pass
6**	12360.738	43.77	0.64	54.0	10.23	AV	117.00	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	1522.600	37.39	-19.59	74.0	36.61	Peak	34.00	100	Horizontal	Pass
1**	1522.600	27.17	-19.59	54.0	26.83	AV	34.00	100	Horizontal	Pass
2	2871.300	43.41	-12.41	74.0	30.59	Peak	96.00	100	Horizontal	Pass
2**	2871.300	33.54	-12.41	54.0	20.46	AV	96.00	100	Horizontal	Pass
3	4110.000	47.61	-7.45	74.0	26.39	Peak	8.00	100	Horizontal	Pass
3**	4110.000	36.88	-7.45	54.0	17.12	AV	8.00	100	Horizontal	Pass
4	5588.250	99.43	-5.26	--	--	Peak	150.00	200	Horizontal	N/A
4**	5588.250	91.82	-5.26	--	--	AV	150.00	200	Horizontal	N/A
5	7502.000	54.45	-0.86	74.0	19.55	Peak	212.00	200	Horizontal	Pass
5**	7502.000	44.18	-0.86	54.0	9.82	AV	212.00	200	Horizontal	Pass
6	12329.625	53.17	0.70	74.0	20.83	Peak	241.00	400	Horizontal	Pass
6**	12329.625	43.38	0.70	54.0	10.62	AV	241.00	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	1497.400	36.63	-19.52	74.0	37.37	Peak	2.00	300	Vertical	Pass
1**	1497.400	27.42	-19.52	54.0	26.58	AV	2.00	300	Vertical	Pass
2	2887.900	43.31	-12.12	74.0	30.69	Peak	65.00	400	Vertical	Pass
2**	2887.900	33.20	-12.12	54.0	20.80	AV	65.00	400	Vertical	Pass
3	4362.500	47.06	-6.67	74.0	26.94	Peak	273.00	200	Vertical	Pass
3**	4362.500	37.74	-6.67	54.0	16.26	AV	273.00	200	Vertical	Pass
4	5592.500	99.42	-5.27	--	--	Peak	309.00	300	Vertical	N/A
4**	5592.500	91.13	-5.27	--	--	AV	309.00	300	Vertical	N/A
5	7485.000	54.16	-0.46	74.0	19.84	Peak	142.00	200	Vertical	Pass
5**	7485.000	45.17	-0.46	54.0	8.83	AV	142.00	200	Vertical	Pass
6	12356.225	52.76	0.68	74.0	21.24	Peak	10.00	400	Vertical	Pass
6**	12356.225	43.22	0.68	54.0	10.78	AV	10.00	400	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	1355.200	37.39	-19.68	74.0	36.61	Peak	258.00	300	Horizontal	Pass
1**	1355.200	27.38	-19.68	54.0	26.62	AV	258.00	300	Horizontal	Pass
2	2848.100	43.09	-12.21	74.0	30.91	Peak	76.00	400	Horizontal	Pass
2**	2848.100	33.23	-12.21	54.0	20.77	AV	76.00	400	Horizontal	Pass
3	4342.500	47.54	-6.28	74.0	26.46	Peak	253.00	150	Horizontal	Pass
3**	4342.500	37.76	-6.28	54.0	16.24	AV	253.00	150	Horizontal	Pass
4	5667.750	99.64	-5.05	--	--	Peak	131.00	300	Horizontal	N/A
4**	5667.750	92.03	-5.05	--	--	AV	131.00	300	Horizontal	N/A
5	7489.250	54.05	-0.33	74.0	19.95	Peak	35.00	200	Horizontal	Pass
5**	7489.250	44.74	-0.33	54.0	9.26	AV	35.00	200	Horizontal	Pass
6	12298.037	52.71	0.64	74.0	21.29	Peak	175.00	400	Horizontal	Pass
6**	12298.037	43.55	0.64	54.0	10.45	AV	175.00	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	1500.400	36.82	-19.48	74.0	37.18	Peak	19.00	300	Vertical	Pass
1**	1500.400	27.67	-19.48	54.0	26.33	AV	19.00	300	Vertical	Pass
2	2883.200	43.05	-12.28	74.0	30.95	Peak	25.00	200	Vertical	Pass
2**	2883.200	33.90	-12.28	54.0	20.10	AV	25.00	200	Vertical	Pass
3	4330.750	47.18	-5.99	74.0	26.82	Peak	236.00	100	Vertical	Pass
3**	4330.750	38.09	-5.99	54.0	15.91	AV	236.00	100	Vertical	Pass
4	5672.500	100.30	-5.08	--	--	Peak	315.00	100	Vertical	N/A
4**	5672.500	91.53	-5.08	--	--	AV	315.00	100	Vertical	N/A
5	7488.000	53.69	-0.34	74.0	20.31	Peak	73.00	200	Vertical	Pass
5**	7488.000	44.69	-0.34	54.0	9.31	AV	73.00	200	Vertical	Pass
6	12390.662	52.10	0.39	74.0	21.90	Peak	269.00	300	Vertical	Pass
6**	12390.662	43.58	0.39	54.0	10.42	AV	269.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1549.100	36.89	-19.78	74.0	37.11	Peak	203.00	200	Horizontal	Pass
1**	1549.100	27.40	-19.78	54.0	26.60	AV	203.00	200	Horizontal	Pass
2	2876.600	43.52	-12.38	74.0	30.48	Peak	44.00	400	Horizontal	Pass
2**	2876.600	33.32	-12.38	54.0	20.68	AV	44.00	400	Horizontal	Pass
3	4333.750	46.92	-6.12	74.0	27.08	Peak	73.00	200	Horizontal	Pass
3**	4333.750	38.35	-6.12	54.0	15.65	AV	73.00	200	Horizontal	Pass
4	5501.250	102.95	-4.82	--	--	Peak	117.00	400	Horizontal	N/A
4**	5501.250	95.44	-4.82	--	--	AV	117.00	400	Horizontal	N/A
5	7494.750	53.74	-0.40	74.0	20.26	Peak	282.00	150	Horizontal	Pass
5**	7494.750	45.26	-0.40	54.0	8.74	AV	282.00	150	Horizontal	Pass
6	12265.975	52.52	0.46	74.0	21.48	Peak	317.00	400	Horizontal	Pass
6**	12265.975	42.67	0.46	54.0	11.33	AV	317.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1418.600	36.92	-19.77	74.0	37.08	Peak	263.00	100	Vertical	Pass
1**	1418.600	27.79	-19.77	54.0	26.21	AV	263.00	100	Vertical	Pass
2	2731.500	43.13	-11.59	74.0	30.87	Peak	104.00	300	Vertical	Pass
2**	2731.500	33.97	-11.59	54.0	20.03	AV	104.00	300	Vertical	Pass
3	4229.000	46.85	-7.65	74.0	27.15	Peak	5.00	200	Vertical	Pass
3**	4229.000	36.60	-7.65	54.0	17.40	AV	5.00	200	Vertical	Pass
4	5499.000	101.65	-4.77	--	--	Peak	301.00	100	Vertical	N/A
4**	5499.000	95.00	-4.77	--	--	AV	301.00	100	Vertical	N/A
5	7518.000	53.79	-1.22	74.0	20.21	Peak	155.00	150	Vertical	Pass
5**	7518.000	43.81	-1.22	54.0	10.19	AV	155.00	150	Vertical	Pass
6	12295.425	52.82	0.63	74.0	21.18	Peak	180.00	100	Vertical	Pass
6**	12295.425	43.08	0.63	54.0	10.92	AV	180.00	100	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	1472.600	36.74	-19.73	74.0	37.26	Peak	139.00	200	Horizontal	Pass
1**	1472.600	27.39	-19.73	54.0	26.61	AV	139.00	200	Horizontal	Pass
2	2770.100	42.77	-12.83	74.0	31.23	Peak	259.00	400	Horizontal	Pass
2**	2770.100	33.78	-12.83	54.0	20.22	AV	259.00	400	Horizontal	Pass
3	4331.500	47.12	-6.03	74.0	26.88	Peak	274.00	150	Horizontal	Pass
3**	4331.500	37.85	-6.03	54.0	16.15	AV	274.00	150	Horizontal	Pass
4	5582.750	102.32	-5.21	--	--	Peak	146.00	100	Horizontal	N/A
4**	5582.750	94.96	-5.21	--	--	AV	146.00	100	Horizontal	N/A
5	7603.250	53.89	-0.52	74.0	20.11	Peak	313.00	150	Horizontal	Pass
5**	7603.250	45.08	-0.52	54.0	8.92	AV	313.00	150	Horizontal	Pass
6	12307.299	52.89	0.67	74.0	21.11	Peak	44.00	100	Horizontal	Pass
6**	12307.299	43.04	0.67	54.0	10.96	AV	44.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.300	37.05	-19.43	74.0	36.95	Peak	262.00	300	Vertical	Pass
1**	1494.300	27.75	-19.43	54.0	26.25	AV	262.00	300	Vertical	Pass
2	2860.400	43.02	-12.37	74.0	30.98	Peak	173.00	400	Vertical	Pass
2**	2860.400	33.15	-12.37	54.0	20.85	AV	173.00	400	Vertical	Pass
3	4330.750	47.05	-5.99	74.0	26.95	Peak	226.00	200	Vertical	Pass
3**	4330.750	38.09	-5.99	54.0	15.91	AV	226.00	200	Vertical	Pass
4	5577.000	102.28	-5.25	--	--	Peak	306.00	300	Vertical	N/A
4**	5577.000	95.02	-5.25	--	--	AV	306.00	300	Vertical	N/A
5	7504.250	54.01	-1.00	74.0	19.99	Peak	145.00	200	Vertical	Pass
5**	7504.250	44.93	-1.00	54.0	9.07	AV	145.00	200	Vertical	Pass
6	12355.987	52.25	0.68	74.0	21.75	Peak	101.00	400	Vertical	Pass
6**	12355.987	43.85	0.68	54.0	10.15	AV	101.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1451.400	36.96	-19.73	74.0	37.04	Peak	158.00	400	Horizontal	Pass
1**	1451.400	26.95	-19.73	54.0	27.05	AV	158.00	400	Horizontal	Pass
2	2848.200	42.85	-12.21	74.0	31.15	Peak	99.00	400	Horizontal	Pass
2**	2848.200	33.99	-12.21	54.0	20.01	AV	99.00	400	Horizontal	Pass
3	4328.000	47.76	-5.94	74.0	26.24	Peak	204.00	200	Horizontal	Pass
3**	4328.000	37.85	-5.94	54.0	16.15	AV	204.00	200	Horizontal	Pass
4	5698.250	102.10	-5.18	--	--	Peak	134.00	200	Horizontal	N/A
4**	5698.250	94.66	-5.18	--	--	AV	134.00	200	Horizontal	N/A
5	7600.750	54.21	-0.40	74.0	19.79	Peak	238.00	200	Horizontal	Pass
5**	7600.750	44.66	-0.40	54.0	9.34	AV	238.00	200	Horizontal	Pass
6	12299.463	52.55	0.65	74.0	21.45	Peak	300.00	300	Horizontal	Pass
6**	12299.463	43.06	0.65	54.0	10.94	AV	300.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.200	36.54	-19.52	74.0	37.46	Peak	321.00	300	Vertical	Pass
1**	1497.200	26.94	-19.52	54.0	27.06	AV	321.00	300	Vertical	Pass
2	2870.700	42.85	-12.41	74.0	31.15	Peak	48.00	200	Vertical	Pass
2**	2870.700	33.84	-12.41	54.0	20.16	AV	48.00	200	Vertical	Pass
3	4330.250	47.10	-5.98	74.0	26.90	Peak	135.00	200	Vertical	Pass
3**	4330.250	38.16	-5.98	54.0	15.84	AV	135.00	200	Vertical	Pass
4	5698.500	102.29	-5.19	--	--	Peak	310.00	200	Vertical	N/A
4**	5698.500	94.71	-5.19	--	--	AV	310.00	200	Vertical	N/A
5	7579.250	53.73	-1.46	74.0	20.27	Peak	319.00	100	Vertical	Pass
5**	7579.250	45.09	-1.46	54.0	8.91	AV	319.00	100	Vertical	Pass
6	12642.650	52.46	0.79	74.0	21.54	Peak	360.00	300	Vertical	Pass
6**	12642.650	42.80	0.79	54.0	11.20	AV	360.00	300	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	1487.100	39.14	-16.78	74.0	34.86	Peak	0.00	200	Horizontal	Pass
1**	1487.100	30.10	-16.78	54.0	23.90	AV	0.00	200	Horizontal	Pass
2	4391.200	50.77	-3.40	74.0	23.23	Peak	41.00	300	Horizontal	Pass
2**	4391.200	41.31	-3.40	54.0	12.69	AV	41.00	300	Horizontal	Pass
3	5507.800	103.00	-0.95	--	--	Peak	265.00	100	Horizontal	N/A
3**	5507.800	95.78	-0.95	--	--	AV	265.00	100	Horizontal	N/A
4	7345.862	49.59	-3.52	74.0	24.41	Peak	101.00	200	Horizontal	Pass
4**	7345.862	40.41	-3.52	54.0	13.59	AV	101.00	200	Horizontal	Pass
5	12305.812	53.30	1.38	74.0	20.70	Peak	70.00	150	Horizontal	Pass
5**	12305.812	43.75	1.38	54.0	10.25	AV	70.00	150	Horizontal	Pass
6	15851.437	56.33	1.29	74.0	17.67	Peak	0.00	300	Horizontal	Pass
6**	15851.437	47.08	1.29	54.0	6.92	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.200	36.56	-19.58	74.0	37.44	Peak	139.00	100	Vertical	Pass
1**	1487.200	26.81	-19.58	54.0	27.19	AV	139.00	100	Vertical	Pass
2	2868.600	43.39	-12.43	74.0	30.61	Peak	253.00	200	Vertical	Pass
2**	2868.600	34.13	-12.43	54.0	19.87	AV	253.00	200	Vertical	Pass
3	4345.000	47.77	-6.41	74.0	26.23	Peak	130.00	200	Vertical	Pass
3**	4345.000	38.52	-6.41	54.0	15.48	AV	130.00	200	Vertical	Pass
4	5507.750	99.81	-5.04	--	--	Peak	313.00	400	Vertical	N/A
4**	5507.750	91.89	-5.04	--	--	AV	313.00	400	Vertical	N/A
5	7580.750	54.14	-1.42	74.0	19.86	Peak	77.00	100	Vertical	Pass
5**	7580.750	45.38	-1.42	54.0	8.62	AV	77.00	100	Vertical	Pass
6	12577.575	52.39	1.36	74.0	21.61	Peak	329.00	300	Vertical	Pass
6**	12577.575	42.41	1.36	54.0	11.59	AV	329.00	300	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	1207.900	36.57	-20.08	74.0	37.43	Peak	68.00	300	Horizontal	Pass
1**	1207.900	28.72	-20.08	54.0	25.28	AV	68.00	300	Horizontal	Pass
2	2832.100	43.24	-12.53	74.0	30.76	Peak	347.00	100	Horizontal	Pass
2**	2832.100	33.44	-12.53	54.0	20.56	AV	347.00	100	Horizontal	Pass
3	4334.750	46.81	-6.14	74.0	27.19	Peak	8.00	150	Horizontal	Pass
3**	4334.750	37.93	-6.14	54.0	16.07	AV	8.00	150	Horizontal	Pass
4	5585.750	98.60	-5.23	--	--	Peak	131.00	200	Horizontal	N/A
4**	5585.750	91.29	-5.23	--	--	AV	131.00	200	Horizontal	N/A
5	7497.250	54.43	-0.59	74.0	19.57	Peak	106.00	100	Horizontal	Pass
5**	7497.250	45.54	-0.59	54.0	8.46	AV	106.00	100	Horizontal	Pass
6	12573.300	52.45	1.40	74.0	21.55	Peak	176.00	200	Horizontal	Pass
6**	12573.300	42.56	1.40	54.0	11.44	AV	176.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1387.800	36.72	-19.59	74.0	37.28	Peak	220.00	400	Vertical	Pass
1**	1387.800	28.24	-19.59	54.0	25.76	AV	220.00	400	Vertical	Pass
2	2885.900	43.13	-12.21	74.0	30.87	Peak	49.00	200	Vertical	Pass
2**	2885.900	34.00	-12.21	54.0	20.00	AV	49.00	200	Vertical	Pass
3	4378.750	46.89	-7.28	74.0	27.11	Peak	0.00	150	Vertical	Pass
3**	4378.750	36.99	-7.28	54.0	17.01	AV	0.00	150	Vertical	Pass
4	5588.000	99.02	-5.26	--	--	Peak	317.00	200	Vertical	N/A
4**	5588.000	91.69	-5.26	--	--	AV	317.00	200	Vertical	N/A
5	7599.000	54.50	-0.34	74.0	19.50	Peak	115.00	100	Vertical	Pass
5**	7599.000	44.47	-0.34	54.0	9.53	AV	115.00	100	Vertical	Pass
6	12422.963	52.41	0.57	74.0	21.59	Peak	67.00	200	Vertical	Pass
6**	12422.963	43.13	0.57	54.0	10.87	AV	67.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1454.000	37.27	-19.74	74.0	36.73	Peak	0.00	400	Horizontal	Pass
1**	1454.000	26.99	-19.74	54.0	27.01	AV	0.00	400	Horizontal	Pass
2	2882.600	43.09	-12.26	74.0	30.91	Peak	248.00	200	Horizontal	Pass
2**	2882.600	34.21	-12.26	54.0	19.79	AV	248.00	200	Horizontal	Pass
3	4356.750	47.57	-6.63	74.0	26.43	Peak	104.00	100	Horizontal	Pass
3**	4356.750	38.43	-6.63	54.0	15.57	AV	104.00	100	Horizontal	Pass
4	5672.250	99.42	-5.08	--	--	Peak	156.00	100	Horizontal	N/A
4**	5672.250	92.00	-5.08	--	--	AV	156.00	100	Horizontal	N/A
5	7584.750	54.04	-1.26	74.0	19.96	Peak	104.00	100	Horizontal	Pass
5**	7584.750	44.14	-1.26	54.0	9.86	AV	104.00	100	Horizontal	Pass
6	12571.875	52.28	1.41	74.0	21.72	Peak	233.00	200	Horizontal	Pass
6**	12571.875	43.20	1.41	54.0	10.80	AV	233.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1396.100	37.41	-19.60	74.0	36.59	Peak	223.00	200	Vertical	Pass
1**	1396.100	27.74	-19.60	54.0	26.26	AV	223.00	200	Vertical	Pass
2	2889.800	43.84	-12.16	74.0	30.16	Peak	276.00	300	Vertical	Pass
2**	2889.800	33.95	-12.16	54.0	20.05	AV	276.00	300	Vertical	Pass
3	4346.250	47.07	-6.48	74.0	26.93	Peak	354.00	200	Vertical	Pass
3**	4346.250	38.02	-6.48	54.0	15.98	AV	354.00	200	Vertical	Pass
4	5668.500	99.94	-5.04	--	--	Peak	315.00	400	Vertical	N/A
4**	5668.500	92.17	-5.04	--	--	AV	315.00	400	Vertical	N/A
5	7589.250	53.79	-0.86	74.0	20.21	Peak	9.00	150	Vertical	Pass
5**	7589.250	45.03	-0.86	54.0	8.97	AV	9.00	150	Vertical	Pass
6	12274.525	52.41	0.51	74.0	21.59	Peak	142.00	100	Vertical	Pass
6**	12274.525	43.34	0.51	54.0	10.66	AV	142.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.200	36.76	-19.60	74.0	37.24	Peak	155.00	100	Horizontal	Pass
1**	1520.200	27.12	-19.60	54.0	26.88	AV	155.00	100	Horizontal	Pass
2	2848.500	43.09	-12.21	74.0	30.91	Peak	266.00	400	Horizontal	Pass
2**	2848.500	34.93	-12.21	54.0	19.07	AV	266.00	400	Horizontal	Pass
3	4327.750	47.00	-5.94	74.0	27.00	Peak	243.00	200	Horizontal	Pass
3**	4327.750	39.25	-5.94	54.0	14.75	AV	243.00	200	Horizontal	Pass
4	5523.500	97.04	-5.23	--	--	Peak	111.00	200	Horizontal	N/A
4**	5523.500	88.66	-5.23	--	--	AV	111.00	200	Horizontal	N/A
5	7611.000	53.96	-1.03	74.0	20.04	Peak	111.00	150	Horizontal	Pass
5**	7611.000	44.53	-1.03	54.0	9.47	AV	111.00	150	Horizontal	Pass
6	12250.063	52.12	0.36	74.0	21.88	Peak	257.00	300	Horizontal	Pass
6**	12250.063	42.40	0.36	54.0	11.60	AV	257.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1451.400	36.96	-19.73	74.0	37.04	Peak	326.00	200	Vertical	Pass
1**	1451.400	28.07	-19.73	54.0	25.93	AV	326.00	200	Vertical	Pass
2	2802.800	43.67	-12.93	74.0	30.33	Peak	326.00	400	Vertical	Pass
2**	2802.800	33.75	-12.93	54.0	20.25	AV	326.00	400	Vertical	Pass
3	4347.500	46.81	-6.50	74.0	27.19	Peak	182.00	200	Vertical	Pass
3**	4347.500	37.84	-6.50	54.0	16.16	AV	182.00	200	Vertical	Pass
4	5532.500	96.23	-5.45	--	--	Peak	304.00	400	Vertical	N/A
4**	5532.500	88.95	-5.45	--	--	AV	304.00	400	Vertical	N/A
5	7592.750	54.13	-0.61	74.0	19.87	Peak	330.00	100	Vertical	Pass
5**	7592.750	45.50	-0.61	54.0	8.50	AV	330.00	100	Vertical	Pass
6	12330.812	52.33	0.70	74.0	21.67	Peak	34.00	100	Vertical	Pass
6**	12330.812	42.78	0.70	54.0	11.22	AV	34.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.100	36.95	-19.66	74.0	37.05	Peak	302.00	100	Horizontal	Pass
1**	1514.100	27.00	-19.66	54.0	27.00	AV	302.00	100	Horizontal	Pass
2	2724.400	42.73	-11.72	74.0	31.27	Peak	0.00	100	Horizontal	Pass
2**	2724.400	34.37	-11.72	54.0	19.63	AV	0.00	100	Horizontal	Pass
3	4328.750	47.93	-5.94	74.0	26.07	Peak	325.00	200	Horizontal	Pass
3**	4328.750	38.27	-5.94	54.0	15.73	AV	325.00	200	Horizontal	Pass
4	5623.250	96.00	-5.32	--	--	Peak	152.00	400	Horizontal	N/A
4**	5623.250	87.63	-5.32	--	--	AV	152.00	400	Horizontal	N/A
5	7595.250	53.71	-0.48	74.0	20.29	Peak	117.00	200	Horizontal	Pass
5**	7595.250	44.24	-0.48	54.0	9.76	AV	117.00	200	Horizontal	Pass
6	12541.475	52.52	1.42	74.0	21.48	Peak	353.00	100	Horizontal	Pass
6**	12541.475	43.31	1.42	54.0	10.69	AV	353.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1388.000	37.44	-19.58	74.0	36.56	Peak	0.00	400	Vertical	Pass
1**	1388.000	26.76	-19.58	54.0	27.24	AV	0.00	400	Vertical	Pass
2	2795.400	43.03	-12.62	74.0	30.97	Peak	112.00	300	Vertical	Pass
2**	2795.400	33.56	-12.62	54.0	20.44	AV	112.00	300	Vertical	Pass
3	4340.250	46.88	-6.27	74.0	27.12	Peak	263.00	150	Vertical	Pass
3**	4340.250	38.32	-6.27	54.0	15.68	AV	263.00	150	Vertical	Pass
4	5607.250	96.69	-5.38	--	--	Peak	306.00	100	Vertical	N/A
4**	5607.250	88.17	-5.38	--	--	AV	306.00	100	Vertical	N/A
5	7593.750	54.08	-0.55	74.0	19.92	Peak	47.00	100	Vertical	Pass
5**	7593.750	44.89	-0.55	54.0	9.11	AV	47.00	100	Vertical	Pass
6	12363.588	52.62	0.62	74.0	21.38	Peak	138.00	100	Vertical	Pass
6**	12363.588	43.46	0.62	54.0	10.54	AV	138.00	100	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	1358.100	36.91	-19.65	74.0	37.09	Peak	283.00	400	Horizontal	Pass
1**	1358.100	28.40	-19.65	54.0	25.60	AV	283.00	400	Horizontal	Pass
2	2886.500	42.87	-12.18	74.0	31.13	Peak	22.00	300	Horizontal	Pass
2**	2886.500	33.38	-12.18	54.0	20.62	AV	22.00	300	Horizontal	Pass
3	4346.500	46.74	-6.48	74.0	27.26	Peak	0.00	150	Horizontal	Pass
3**	4346.500	38.41	-6.48	54.0	15.59	AV	0.00	150	Horizontal	Pass
4	5746.500	101.95	-5.27	--	--	Peak	144.00	300	Horizontal	N/A
4**	5746.500	94.02	-5.27	--	--	AV	144.00	300	Horizontal	N/A
5	7504.000	53.67	-0.99	74.0	20.33	Peak	268.00	100	Horizontal	Pass
5**	7504.000	44.90	-0.99	54.0	9.10	AV	268.00	100	Horizontal	Pass
6	12369.762	52.44	0.57	74.0	21.56	Peak	21.00	100	Horizontal	Pass
6**	12369.762	43.63	0.57	54.0	10.37	AV	21.00	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	1590.900	36.45	-19.96	74.0	37.55	Peak	37.00	300	Vertical	Pass
1**	1590.900	27.69	-19.96	54.0	26.31	AV	37.00	300	Vertical	Pass
2	2886.100	43.33	-12.20	74.0	30.67	Peak	69.00	100	Vertical	Pass
2**	2886.100	33.63	-12.20	54.0	20.37	AV	69.00	100	Vertical	Pass
3	4338.500	47.26	-6.17	74.0	26.74	Peak	24.00	200	Vertical	Pass
3**	4338.500	37.93	-6.17	54.0	16.07	AV	24.00	200	Vertical	Pass
4	5743.500	102.12	-5.34	--	--	Peak	318.00	100	Vertical	N/A
4**	5743.500	95.05	-5.34	--	--	AV	318.00	100	Vertical	N/A
5	7596.500	53.86	-0.45	74.0	20.14	Peak	24.00	100	Vertical	Pass
5**	7596.500	44.78	-0.45	54.0	9.22	AV	24.00	100	Vertical	Pass
6	12332.713	52.35	0.71	74.0	21.65	Peak	138.00	300	Vertical	Pass
6**	12332.713	43.20	0.71	54.0	10.80	AV	138.00	300	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	1494.600	36.75	-19.44	74.0	37.25	Peak	229.00	300	Horizontal	Pass
1**	1494.600	28.75	-19.44	54.0	25.25	AV	229.00	300	Horizontal	Pass
2	2738.800	43.04	-12.15	74.0	30.96	Peak	165.00	300	Horizontal	Pass
2**	2738.800	33.47	-12.15	54.0	20.53	AV	165.00	300	Horizontal	Pass
3	4356.000	46.92	-6.64	74.0	27.08	Peak	322.00	100	Horizontal	Pass
3**	4356.000	38.46	-6.64	54.0	15.54	AV	322.00	100	Horizontal	Pass
4	5786.000	103.00	-4.72	--	--	Peak	166.00	100	Horizontal	N/A
4**	5786.000	95.73	-4.72	--	--	AV	166.00	100	Horizontal	N/A
5	7719.250	53.88	-1.50	74.0	20.12	Peak	296.00	100	Horizontal	Pass
5**	7719.250	43.78	-1.50	54.0	10.22	AV	296.00	100	Horizontal	Pass
6	12366.437	52.78	0.59	74.0	21.22	Peak	46.00	400	Horizontal	Pass
6**	12366.437	43.07	0.59	54.0	10.93	AV	46.00	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	1387.700	36.49	-19.59	74.0	37.51	Peak	262.00	300	Vertical	Pass
1**	1387.700	26.93	-19.59	54.0	27.07	AV	262.00	300	Vertical	Pass
2	2879.700	43.11	-12.31	74.0	30.89	Peak	220.00	400	Vertical	Pass
2**	2879.700	33.35	-12.31	54.0	20.65	AV	220.00	400	Vertical	Pass
3	4327.750	47.33	-5.94	74.0	26.67	Peak	116.00	150	Vertical	Pass
3**	4327.750	38.09	-5.94	54.0	15.91	AV	116.00	150	Vertical	Pass
4	5784.750	102.31	-4.69	--	--	Peak	322.00	300	Vertical	N/A
4**	5784.750	93.65	-4.69	--	--	AV	322.00	300	Vertical	N/A
5	7572.750	54.71	-1.60	74.0	19.29	Peak	244.00	200	Vertical	Pass
5**	7572.750	43.80	-1.60	54.0	10.20	AV	244.00	200	Vertical	Pass
6	12396.125	52.84	0.34	74.0	21.16	Peak	268.00	300	Vertical	Pass
6**	12396.125	43.16	0.34	54.0	10.84	AV	268.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1552.300	36.36	-19.79	74.0	37.64	Peak	26.00	150	Horizontal	Pass
1**	1552.300	28.23	-19.79	54.0	25.77	AV	26.00	150	Horizontal	Pass
2	2769.600	43.61	-12.82	74.0	30.39	Peak	149.00	300	Horizontal	Pass
2**	2769.600	34.51	-12.82	54.0	19.49	AV	149.00	300	Horizontal	Pass
3	4059.750	46.98	-7.47	74.0	27.02	Peak	268.00	200	Horizontal	Pass
3**	4059.750	36.60	-7.47	54.0	17.40	AV	268.00	200	Horizontal	Pass
4	5824.250	102.39	-4.74	--	--	Peak	157.00	300	Horizontal	N/A
4**	5824.250	95.37	-4.74	--	--	AV	157.00	300	Horizontal	N/A
5	7595.750	54.02	-0.47	74.0	19.98	Peak	121.00	100	Horizontal	Pass
5**	7595.750	44.50	-0.47	54.0	9.50	AV	121.00	100	Horizontal	Pass
6	12451.225	52.70	0.88	74.0	21.30	Peak	54.00	100	Horizontal	Pass
6**	12451.225	43.04	0.88	54.0	10.96	AV	54.00	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	1587.900	37.06	-19.93	74.0	36.94	Peak	286.00	150	Vertical	Pass
1**	1587.900	26.92	-19.93	54.0	27.08	AV	286.00	150	Vertical	Pass
2	2837.000	43.20	-12.55	74.0	30.80	Peak	114.00	300	Vertical	Pass
2**	2837.000	33.66	-12.55	54.0	20.34	AV	114.00	300	Vertical	Pass
3	4347.250	47.22	-6.49	74.0	26.78	Peak	189.00	100	Vertical	Pass
3**	4347.250	38.55	-6.49	54.0	15.45	AV	189.00	100	Vertical	Pass
4	5826.250	100.91	-4.78	--	--	Peak	325.00	400	Vertical	N/A
4**	5826.250	95.34	-4.78	--	--	AV	325.00	400	Vertical	N/A
5	7547.000	54.00	-0.67	74.0	20.00	Peak	172.00	100	Vertical	Pass
5**	7547.000	45.37	-0.67	54.0	8.63	AV	172.00	100	Vertical	Pass
6	12604.888	52.58	1.11	74.0	21.42	Peak	360.00	200	Vertical	Pass
6**	12604.888	43.14	1.11	54.0	10.86	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.100	37.71	-19.47	74.0	36.29	Peak	285.00	100	Horizontal	Pass
1**	1491.100	27.10	-19.47	54.0	26.90	AV	285.00	100	Horizontal	Pass
2	2884.000	43.26	-12.28	74.0	30.74	Peak	350.00	300	Horizontal	Pass
2**	2884.000	34.70	-12.28	54.0	19.30	AV	350.00	300	Horizontal	Pass
3	4345.000	46.74	-6.41	74.0	27.26	Peak	133.00	200	Horizontal	Pass
3**	4345.000	38.46	-6.41	54.0	15.54	AV	133.00	200	Horizontal	Pass
4	5743.250	101.63	-5.34	--	--	Peak	133.00	200	Horizontal	N/A
4**	5743.250	94.10	-5.34	--	--	AV	133.00	200	Horizontal	N/A
5	7543.750	53.40	-0.34	74.0	20.60	Peak	354.00	200	Horizontal	Pass
5**	7543.750	44.87	-0.34	54.0	9.13	AV	354.00	200	Horizontal	Pass
6	12469.512	52.39	0.74	74.0	21.61	Peak	44.00	100	Horizontal	Pass
6**	12469.512	43.18	0.74	54.0	10.82	AV	44.00	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	1517.800	36.52	-19.58	74.0	37.48	Peak	0.00	200	Vertical	Pass
1**	1517.800	28.00	-19.58	54.0	26.00	AV	0.00	200	Vertical	Pass
2	2734.600	42.92	-11.81	74.0	31.08	Peak	350.00	100	Vertical	Pass
2**	2734.600	33.43	-11.81	54.0	20.57	AV	350.00	100	Vertical	Pass
3	4326.750	47.43	-5.95	74.0	26.57	Peak	199.00	200	Vertical	Pass
3**	4326.750	38.08	-5.95	54.0	15.92	AV	199.00	200	Vertical	Pass
4	5746.500	102.31	-5.27	--	--	Peak	310.00	300	Vertical	N/A
4**	5746.500	94.39	-5.27	--	--	AV	310.00	300	Vertical	N/A
5	7498.250	53.94	-0.65	74.0	20.06	Peak	77.00	150	Vertical	Pass
5**	7498.250	44.61	-0.65	54.0	9.39	AV	77.00	150	Vertical	Pass
6	12569.026	52.69	1.44	74.0	21.31	Peak	251.00	200	Vertical	Pass
6**	12569.026	43.22	1.44	54.0	10.78	AV	251.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.500	36.75	-19.71	74.0	37.25	Peak	205.00	300	Horizontal	Pass
1**	1479.500	26.93	-19.71	54.0	27.07	AV	205.00	300	Horizontal	Pass
2	2850.800	43.61	-12.16	74.0	30.39	Peak	38.00	200	Horizontal	Pass
2**	2850.800	34.81	-12.16	54.0	19.19	AV	38.00	200	Horizontal	Pass
3	4307.500	47.28	-6.31	74.0	26.72	Peak	71.00	150	Horizontal	Pass
3**	4307.500	38.54	-6.31	54.0	15.46	AV	71.00	150	Horizontal	Pass
4	5781.500	101.45	-4.68	--	--	Peak	160.00	200	Horizontal	N/A
4**	5781.500	93.96	-4.68	--	--	AV	160.00	200	Horizontal	N/A
5	7533.500	54.40	-0.47	74.0	19.60	Peak	221.00	150	Horizontal	Pass
5**	7533.500	45.15	-0.47	54.0	8.85	AV	221.00	150	Horizontal	Pass
6	12367.150	52.60	0.59	74.0	21.40	Peak	188.00	200	Horizontal	Pass
6**	12367.150	42.81	0.59	54.0	11.19	AV	188.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1387.400	37.17	-19.59	74.0	36.83	Peak	158.00	400	Vertical	Pass
1**	1387.400	26.96	-19.59	54.0	27.04	AV	158.00	400	Vertical	Pass
2	2851.400	42.91	-12.15	74.0	31.09	Peak	280.00	300	Vertical	Pass
2**	2851.400	34.07	-12.15	54.0	19.93	AV	280.00	300	Vertical	Pass
3	4331.500	47.98	-6.03	74.0	26.02	Peak	294.00	100	Vertical	Pass
3**	4331.500	39.16	-6.03	54.0	14.84	AV	294.00	100	Vertical	Pass
4	5784.000	101.78	-4.69	--	--	Peak	320.00	300	Vertical	N/A
4**	5784.000	94.68	-4.69	--	--	AV	320.00	300	Vertical	N/A
5	7617.250	54.39	-1.29	74.0	19.61	Peak	187.00	150	Vertical	Pass
5**	7617.250	44.16	-1.29	54.0	9.84	AV	187.00	150	Vertical	Pass
6	12363.825	52.70	0.62	74.0	21.30	Peak	93.00	400	Vertical	Pass
6**	12363.825	43.58	0.62	54.0	10.42	AV	93.00	400	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	1305.300	37.19	-19.73	74.0	36.81	Peak	273.00	200	Horizontal	Pass
1**	1305.300	27.30	-19.73	54.0	26.70	AV	273.00	200	Horizontal	Pass
2	2819.500	44.04	-12.84	74.0	29.96	Peak	358.00	100	Horizontal	Pass
2**	2819.500	33.34	-12.84	54.0	20.66	AV	358.00	100	Horizontal	Pass
3	4294.750	46.76	-6.79	74.0	27.24	Peak	47.00	200	Horizontal	Pass
3**	4294.750	37.46	-6.79	54.0	16.54	AV	47.00	200	Horizontal	Pass
4	5826.000	101.96	-4.77	--	--	Peak	162.00	400	Horizontal	N/A
4**	5826.000	95.50	-4.77	--	--	AV	162.00	400	Horizontal	N/A
5	7494.750	53.37	-0.40	74.0	20.63	Peak	273.00	150	Horizontal	Pass
5**	7494.750	45.26	-0.40	54.0	8.74	AV	273.00	150	Horizontal	Pass
6	12541.950	52.61	1.43	74.0	21.39	Peak	185.00	400	Horizontal	Pass
6**	12541.950	43.45	1.43	54.0	10.55	AV	185.00	400	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	1521.300	36.79	-19.55	74.0	37.21	Peak	296.00	150	Vertical	Pass
1**	1521.300	28.62	-19.55	54.0	25.38	AV	296.00	150	Vertical	Pass
2	2782.100	43.24	-12.97	74.0	30.76	Peak	152.00	200	Vertical	Pass
2**	2782.100	33.93	-12.97	54.0	20.07	AV	152.00	200	Vertical	Pass
3	4330.250	47.25	-5.98	74.0	26.75	Peak	195.00	100	Vertical	Pass
3**	4330.250	39.19	-5.98	54.0	14.81	AV	195.00	100	Vertical	Pass
4	5827.500	101.03	-4.76	--	--	Peak	317.00	400	Vertical	N/A
4**	5827.500	94.30	-4.76	--	--	AV	317.00	400	Vertical	N/A
5	7559.250	53.24	-1.83	74.0	20.76	Peak	255.00	200	Vertical	Pass
5**	7559.250	43.91	-1.83	54.0	10.09	AV	255.00	200	Vertical	Pass
6	12301.838	52.75	0.66	74.0	21.25	Peak	265.00	100	Vertical	Pass
6**	12301.838	43.05	0.66	54.0	10.95	AV	265.00	100	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	1531.400	36.53	-19.71	74.0	37.47	Peak	194.00	400	Horizontal	Pass
1**	1531.400	26.68	-19.71	54.0	27.32	AV	194.00	400	Horizontal	Pass
2	2888.300	43.79	-12.13	74.0	30.21	Peak	114.00	200	Horizontal	Pass
2**	2888.300	33.67	-12.13	54.0	20.33	AV	114.00	200	Horizontal	Pass
3	4326.500	47.35	-5.95	74.0	26.65	Peak	128.00	150	Horizontal	Pass
3**	4326.500	38.04	-5.95	54.0	15.96	AV	128.00	150	Horizontal	Pass
4	5760.000	98.35	-5.02	--	--	Peak	146.00	300	Horizontal	N/A
4**	5760.000	90.51	-5.02	--	--	AV	146.00	300	Horizontal	N/A
5	7337.000	53.80	-2.02	74.0	20.20	Peak	233.00	150	Horizontal	Pass
5**	7337.000	43.48	-2.02	54.0	10.52	AV	233.00	150	Horizontal	Pass
6	12549.787	53.16	1.61	74.0	20.84	Peak	129.00	200	Horizontal	Pass
6**	12549.787	43.20	1.61	54.0	10.80	AV	129.00	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	1491.900	36.71	-19.45	74.0	37.29	Peak	117.00	300	Vertical	Pass
1**	1491.900	27.00	-19.45	54.0	27.00	AV	117.00	300	Vertical	Pass
2	2705.700	42.70	-12.81	74.0	31.30	Peak	121.00	100	Vertical	Pass
2**	2705.700	34.04	-12.81	54.0	19.96	AV	121.00	100	Vertical	Pass
3	4360.000	47.04	-6.68	74.0	26.96	Peak	224.00	100	Vertical	Pass
3**	4360.000	37.06	-6.68	54.0	16.94	AV	224.00	100	Vertical	Pass
4	5751.750	98.79	-5.26	--	--	Peak	329.00	200	Vertical	N/A
4**	5751.750	91.41	-5.26	--	--	AV	329.00	200	Vertical	N/A
5	7681.000	53.62	-1.42	74.0	20.38	Peak	197.00	100	Vertical	Pass
5**	7681.000	44.39	-1.42	54.0	9.61	AV	197.00	100	Vertical	Pass
6	12370.713	52.31	0.56	74.0	21.69	Peak	161.00	300	Vertical	Pass
6**	12370.713	42.99	0.56	54.0	11.01	AV	161.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.800	36.66	-19.57	74.0	37.34	Peak	53.00	100	Horizontal	Pass
1**	1486.800	27.41	-19.57	54.0	26.59	AV	53.00	100	Horizontal	Pass
2	2700.000	43.53	-12.53	74.0	30.47	Peak	0.00	300	Horizontal	Pass
2**	2700.000	34.02	-12.53	54.0	19.98	AV	0.00	300	Horizontal	Pass
3	4352.250	48.50	-6.62	74.0	25.50	Peak	0.00	200	Horizontal	Pass
3**	4352.250	37.59	-6.62	54.0	16.41	AV	0.00	200	Horizontal	Pass
4	5796.500	99.51	-4.66	--	--	Peak	155.00	400	Horizontal	N/A
4**	5796.500	92.40	-4.66	--	--	AV	155.00	400	Horizontal	N/A
5	7497.500	53.96	-0.60	74.0	20.04	Peak	6.00	150	Horizontal	Pass
5**	7497.500	45.16	-0.60	54.0	8.84	AV	6.00	150	Horizontal	Pass
6	12368.575	53.26	0.58	74.0	20.74	Peak	206.00	400	Horizontal	Pass
6**	12368.575	43.19	0.58	54.0	10.81	AV	206.00	400	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	1454.400	36.79	-19.73	74.0	37.21	Peak	75.00	400	Vertical	Pass
1**	1454.400	26.60	-19.73	54.0	27.40	AV	75.00	400	Vertical	Pass
2	2755.700	43.45	-12.97	74.0	30.55	Peak	85.00	100	Vertical	Pass
2**	2755.700	33.51	-12.97	54.0	20.49	AV	85.00	100	Vertical	Pass
3	4331.500	47.30	-6.03	74.0	26.70	Peak	249.00	150	Vertical	Pass
3**	4331.500	38.49	-6.03	54.0	15.51	AV	249.00	150	Vertical	Pass
4	5796.250	99.84	-4.67	--	--	Peak	326.00	400	Vertical	N/A
4**	5796.250	92.35	-4.67	--	--	AV	326.00	400	Vertical	N/A
5	7516.750	53.78	-1.24	74.0	20.22	Peak	258.00	150	Vertical	Pass
5**	7516.750	44.77	-1.24	54.0	9.23	AV	258.00	150	Vertical	Pass
6	12543.138	52.32	1.46	74.0	21.68	Peak	352.00	300	Vertical	Pass
6**	12543.138	43.48	1.46	54.0	10.52	AV	352.00	300	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	1308.000	37.11	-19.79	74.0	36.89	Peak	214.00	400	Horizontal	Pass
1**	1308.000	26.63	-19.79	54.0	27.37	AV	214.00	400	Horizontal	Pass
2	2722.000	43.40	-11.92	74.0	30.60	Peak	256.00	300	Horizontal	Pass
2**	2722.000	33.19	-11.92	54.0	20.81	AV	256.00	300	Horizontal	Pass
3	4328.750	46.86	-5.94	74.0	27.14	Peak	295.00	200	Horizontal	Pass
3**	4328.750	38.52	-5.94	54.0	15.48	AV	295.00	200	Horizontal	Pass
4	5744.000	101.34	-5.34	--	--	Peak	146.00	400	Horizontal	N/A
4**	5744.000	94.09	-5.34	--	--	AV	146.00	400	Horizontal	N/A
5	7596.750	54.33	-0.45	74.0	19.67	Peak	5.00	200	Horizontal	Pass
5**	7596.750	44.71	-0.45	54.0	9.29	AV	5.00	200	Horizontal	Pass
6	12344.825	52.66	0.73	74.0	21.34	Peak	139.00	300	Horizontal	Pass
6**	12344.825	42.28	0.73	54.0	11.72	AV	139.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.000	37.27	-19.43	74.0	36.73	Peak	137.00	300	Vertical	Pass
1**	1493.000	27.34	-19.43	54.0	26.66	AV	137.00	300	Vertical	Pass
2	2864.400	43.17	-12.32	74.0	30.83	Peak	146.00	400	Vertical	Pass
2**	2864.400	32.94	-12.32	54.0	21.06	AV	146.00	400	Vertical	Pass
3	4339.750	47.26	-6.25	74.0	26.74	Peak	302.00	200	Vertical	Pass
3**	4339.750	38.76	-6.25	54.0	15.24	AV	302.00	200	Vertical	Pass
4	5747.750	102.34	-5.28	--	--	Peak	330.00	200	Vertical	N/A
4**	5747.750	94.62	-5.28	--	--	AV	330.00	200	Vertical	N/A
5	7603.000	54.78	-0.51	74.0	19.22	Peak	14.00	150	Vertical	Pass
5**	7603.000	45.18	-0.51	54.0	8.82	AV	14.00	150	Vertical	Pass
6	12360.263	52.79	0.65	74.0	21.21	Peak	125.00	300	Vertical	Pass
6**	12360.263	43.74	0.65	54.0	10.26	AV	125.00	300	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	1472.700	36.80	-19.73	74.0	37.20	Peak	191.00	150	Horizontal	Pass
1**	1472.700	27.00	-19.73	54.0	27.00	AV	191.00	150	Horizontal	Pass
2	2867.000	43.09	-12.34	74.0	30.91	Peak	293.00	300	Horizontal	Pass
2**	2867.000	34.30	-12.34	54.0	19.70	AV	293.00	300	Horizontal	Pass
3	4351.500	47.15	-6.62	74.0	26.85	Peak	130.00	200	Horizontal	Pass
3**	4351.500	37.89	-6.62	54.0	16.11	AV	130.00	200	Horizontal	Pass
4	5787.000	103.46	-4.73	--	--	Peak	156.00	200	Horizontal	N/A
4**	5787.000	96.33	-4.73	--	--	AV	156.00	200	Horizontal	N/A
5	7544.000	54.03	-0.36	74.0	19.97	Peak	173.00	100	Horizontal	Pass
5**	7544.000	44.80	-0.36	54.0	9.20	AV	173.00	100	Horizontal	Pass
6	12550.025	52.52	1.61	74.0	21.48	Peak	317.00	400	Horizontal	Pass
6**	12550.025	43.61	1.61	54.0	10.39	AV	317.00	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	1542.600	37.03	-19.73	74.0	36.97	Peak	360.00	400	Vertical	Pass
1**	1542.600	27.71	-19.73	54.0	26.29	AV	360.00	400	Vertical	Pass
2	2754.400	43.26	-12.99	74.0	30.74	Peak	104.00	400	Vertical	Pass
2**	2754.400	33.10	-12.99	54.0	20.90	AV	104.00	400	Vertical	Pass
3	4309.750	46.55	-6.27	74.0	27.45	Peak	295.00	150	Vertical	Pass
3**	4309.750	37.90	-6.27	54.0	16.10	AV	295.00	150	Vertical	Pass
4	5783.500	101.76	-4.70	--	--	Peak	314.00	200	Vertical	N/A
4**	5783.500	94.11	-4.70	--	--	AV	314.00	200	Vertical	N/A
5	7511.250	54.09	-1.32	74.0	19.91	Peak	66.00	100	Vertical	Pass
5**	7511.250	44.15	-1.32	54.0	9.85	AV	66.00	100	Vertical	Pass
6	12362.401	52.66	0.63	74.0	21.34	Peak	79.00	200	Vertical	Pass
6**	12362.401	43.80	0.63	54.0	10.20	AV	79.00	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	1518.200	37.43	-19.60	74.0	36.57	Peak	360.00	200	Horizontal	Pass
1**	1518.200	26.97	-19.60	54.0	27.03	AV	360.00	200	Horizontal	Pass
2	2733.900	42.97	-11.74	74.0	31.03	Peak	288.00	300	Horizontal	Pass
2**	2733.900	33.89	-11.74	54.0	20.11	AV	288.00	300	Horizontal	Pass
3	4329.000	47.40	-5.94	74.0	26.60	Peak	304.00	200	Horizontal	Pass
3**	4329.000	38.36	-5.94	54.0	15.64	AV	304.00	200	Horizontal	Pass
4	5823.750	102.38	-4.72	--	--	Peak	149.00	400	Horizontal	N/A
4**	5823.750	95.66	-4.72	--	--	AV	149.00	400	Horizontal	N/A
5	7537.500	54.12	-0.25	74.0	19.88	Peak	347.00	200	Horizontal	Pass
5**	7537.500	45.01	-0.25	54.0	8.99	AV	347.00	200	Horizontal	Pass
6	12267.162	52.94	0.46	74.0	21.06	Peak	9.00	400	Horizontal	Pass
6**	12267.162	43.27	0.46	54.0	10.73	AV	9.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.800	36.87	-19.93	74.0	37.13	Peak	329.00	100	Vertical	Pass
1**	1587.800	27.34	-19.93	54.0	26.66	AV	329.00	100	Vertical	Pass
2	2884.000	43.55	-12.28	74.0	30.45	Peak	163.00	300	Vertical	Pass
2**	2884.000	34.18	-12.28	54.0	19.82	AV	163.00	300	Vertical	Pass
3	4356.500	47.03	-6.64	74.0	26.97	Peak	334.00	150	Vertical	Pass
3**	4356.500	38.72	-6.64	54.0	15.28	AV	334.00	150	Vertical	Pass
4	5826.500	101.09	-4.78	--	--	Peak	316.00	400	Vertical	N/A
4**	5826.500	93.69	-4.78	--	--	AV	316.00	400	Vertical	N/A
5	7676.250	53.99	-1.33	74.0	20.01	Peak	344.00	150	Vertical	Pass
5**	7676.250	44.15	-1.33	54.0	9.85	AV	344.00	150	Vertical	Pass
6	12255.762	52.28	0.40	74.0	21.72	Peak	8.00	100	Vertical	Pass
6**	12255.762	42.80	0.40	54.0	11.20	AV	8.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1452.900	36.88	-19.75	74.0	37.12	Peak	134.00	200	Horizontal	Pass
1**	1452.900	27.44	-19.75	54.0	26.56	AV	134.00	200	Horizontal	Pass
2	2870.100	42.89	-12.42	74.0	31.11	Peak	4.00	150	Horizontal	Pass
2**	2870.100	34.51	-12.42	54.0	19.49	AV	4.00	150	Horizontal	Pass
3	4356.250	47.03	-6.65	74.0	26.97	Peak	329.00	150	Horizontal	Pass
3**	4356.250	37.74	-6.65	54.0	16.26	AV	329.00	150	Horizontal	Pass
4	5753.500	98.86	-5.25	--	--	Peak	156.00	400	Horizontal	N/A
4**	5753.500	91.08	-5.25	--	--	AV	156.00	400	Horizontal	N/A
5	7506.000	54.02	-1.08	74.0	19.98	Peak	295.00	200	Horizontal	Pass
5**	7506.000	44.68	-1.08	54.0	9.32	AV	295.00	200	Horizontal	Pass
6	12545.988	52.44	1.52	74.0	21.56	Peak	306.00	200	Horizontal	Pass
6**	12545.988	43.72	1.52	54.0	10.28	AV	306.00	200	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	1583.400	36.50	-20.06	74.0	37.50	Peak	252.00	200	Vertical	Pass
1**	1583.400	26.30	-20.06	54.0	27.70	AV	252.00	200	Vertical	Pass
2	2887.400	42.94	-12.14	74.0	31.06	Peak	0.00	200	Vertical	Pass
2**	2887.400	33.88	-12.14	54.0	20.12	AV	0.00	200	Vertical	Pass
3	4308.500	46.53	-6.30	74.0	27.47	Peak	73.00	150	Vertical	Pass
3**	4308.500	38.87	-6.30	54.0	15.13	AV	73.00	150	Vertical	Pass
4	5750.250	99.26	-5.24	--	--	Peak	320.00	200	Vertical	N/A
4**	5750.250	91.66	-5.24	--	--	AV	320.00	200	Vertical	N/A
5	7480.500	53.97	-0.88	74.0	20.03	Peak	346.00	100	Vertical	Pass
5**	7480.500	44.48	-0.88	54.0	9.52	AV	346.00	100	Vertical	Pass
6	12574.963	52.94	1.38	74.0	21.06	Peak	56.00	300	Vertical	Pass
6**	12574.963	43.24	1.38	54.0	10.76	AV	56.00	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	1525.000	37.45	-19.61	74.0	36.55	Peak	6.00	200	Horizontal	Pass
1**	1525.000	28.19	-19.61	54.0	25.81	AV	6.00	200	Horizontal	Pass
2	2735.600	43.23	-11.88	74.0	30.77	Peak	178.00	300	Horizontal	Pass
2**	2735.600	33.61	-11.88	54.0	20.39	AV	178.00	300	Horizontal	Pass
3	4356.500	48.02	-6.64	74.0	25.98	Peak	360.00	100	Horizontal	Pass
3**	4356.500	38.21	-6.64	54.0	15.79	AV	360.00	100	Horizontal	Pass
4	5793.250	100.21	-4.73	--	--	Peak	154.00	300	Horizontal	N/A
4**	5793.250	92.44	-4.73	--	--	AV	154.00	300	Horizontal	N/A
5	7285.000	54.10	-2.13	74.0	19.90	Peak	84.00	100	Horizontal	Pass
5**	7285.000	44.05	-2.13	54.0	9.95	AV	84.00	100	Horizontal	Pass
6	12300.174	52.40	0.66	74.0	21.60	Peak	67.00	200	Horizontal	Pass
6**	12300.174	44.42	0.66	54.0	9.58	AV	67.00	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	1403.600	37.12	-19.69	74.0	36.88	Peak	87.00	400	Vertical	Pass
1**	1403.600	27.42	-19.69	54.0	26.58	AV	87.00	400	Vertical	Pass
2	2856.300	43.44	-12.34	74.0	30.56	Peak	40.00	400	Vertical	Pass
2**	2856.300	33.10	-12.34	54.0	20.90	AV	40.00	400	Vertical	Pass
3	4001.500	46.60	-7.70	74.0	27.40	Peak	303.00	200	Vertical	Pass
3**	4001.500	36.29	-7.70	54.0	17.71	AV	303.00	200	Vertical	Pass
4	5796.250	99.74	-4.67	--	--	Peak	312.00	400	Vertical	N/A
4**	5796.250	91.37	-4.67	--	--	AV	312.00	400	Vertical	N/A
5	7489.250	54.13	-0.33	74.0	19.87	Peak	67.00	200	Vertical	Pass
5**	7489.250	45.32	-0.33	54.0	8.68	AV	67.00	200	Vertical	Pass
6	12330.100	52.28	0.70	74.0	21.72	Peak	247.00	400	Vertical	Pass
6**	12330.100	42.80	0.70	54.0	11.20	AV	247.00	400	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	1330.900	36.11	-19.79	74.0	37.89	Peak	170.00	200	Horizontal	Pass
1**	1330.900	26.91	-19.79	54.0	27.09	AV	170.00	200	Horizontal	Pass
2	2828.300	42.94	-12.59	74.0	31.06	Peak	331.00	100	Horizontal	Pass
2**	2828.300	33.97	-12.59	54.0	20.03	AV	331.00	100	Horizontal	Pass
3	4327.500	46.83	-5.94	74.0	27.17	Peak	106.00	200	Horizontal	Pass
3**	4327.500	38.07	-5.94	54.0	15.93	AV	106.00	200	Horizontal	Pass
4	5781.250	96.05	-4.66	--	--	Peak	132.00	100	Horizontal	N/A
4**	5781.250	88.32	-4.66	--	--	AV	132.00	100	Horizontal	N/A
5	7370.500	53.17	-2.10	74.0	20.83	Peak	296.00	200	Horizontal	Pass
5**	7370.500	43.98	-2.10	54.0	10.02	AV	296.00	200	Horizontal	Pass
6	12359.075	52.61	0.66	74.0	21.39	Peak	245.00	300	Horizontal	Pass
6**	12359.075	43.26	0.66	54.0	10.74	AV	245.00	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	1520.000	36.90	-19.62	74.0	37.10	Peak	9.00	300	Vertical	Pass
1**	1520.000	27.24	-19.62	54.0	26.76	AV	9.00	300	Vertical	Pass
2	2868.800	43.35	-12.44	74.0	30.65	Peak	264.00	300	Vertical	Pass
2**	2868.800	33.90	-12.44	54.0	20.10	AV	264.00	300	Vertical	Pass
3	4359.000	46.68	-6.62	74.0	27.32	Peak	64.00	200	Vertical	Pass
3**	4359.000	38.52	-6.62	54.0	15.48	AV	64.00	200	Vertical	Pass
4	5770.500	96.00	-4.74	--	--	Peak	327.00	300	Vertical	N/A
4**	5770.500	88.87	-4.74	--	--	AV	327.00	300	Vertical	N/A
5	7538.500	53.66	-0.23	74.0	20.34	Peak	5.00	100	Vertical	Pass
5**	7538.500	44.85	-0.23	54.0	9.15	AV	5.00	100	Vertical	Pass
6	12311.576	52.92	0.67	74.0	21.08	Peak	31.00	200	Vertical	Pass
6**	12311.576	43.55	0.67	54.0	10.45	AV	31.00	200	Vertical	Pass

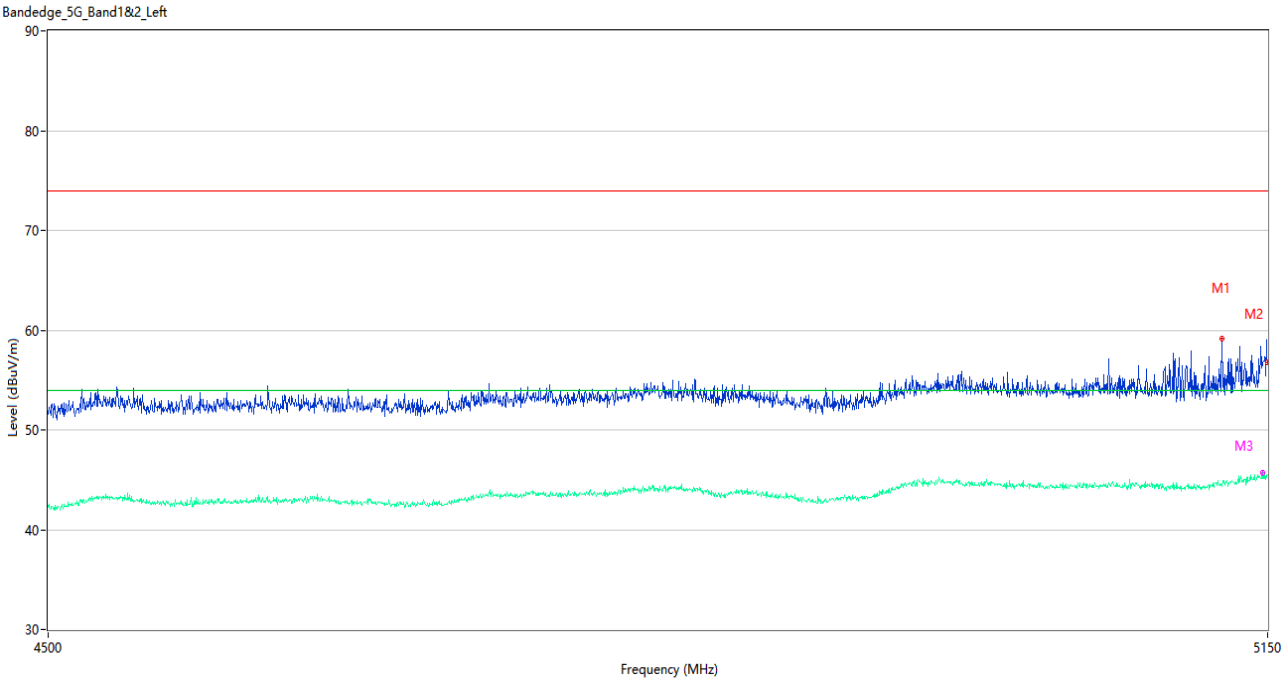
A.6.2 Band Edge (Restricted-band)

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

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

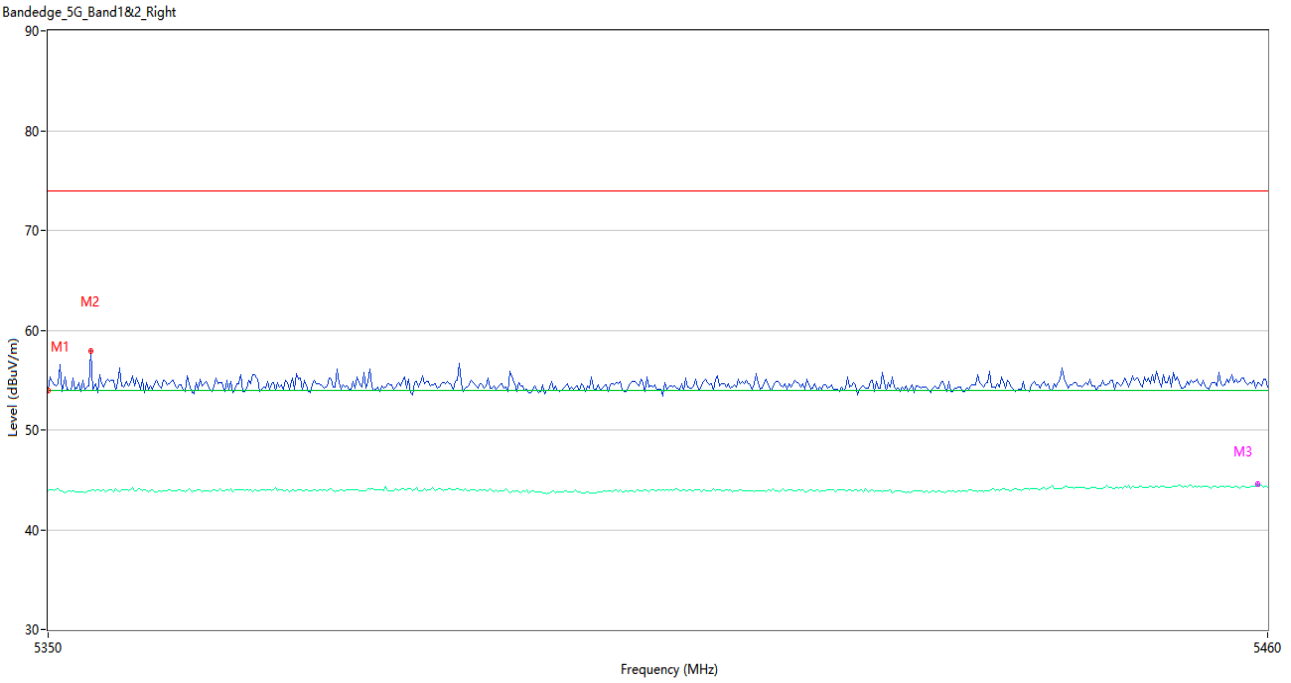
Test Data and Plots

U-NII-1 11a Low Channel



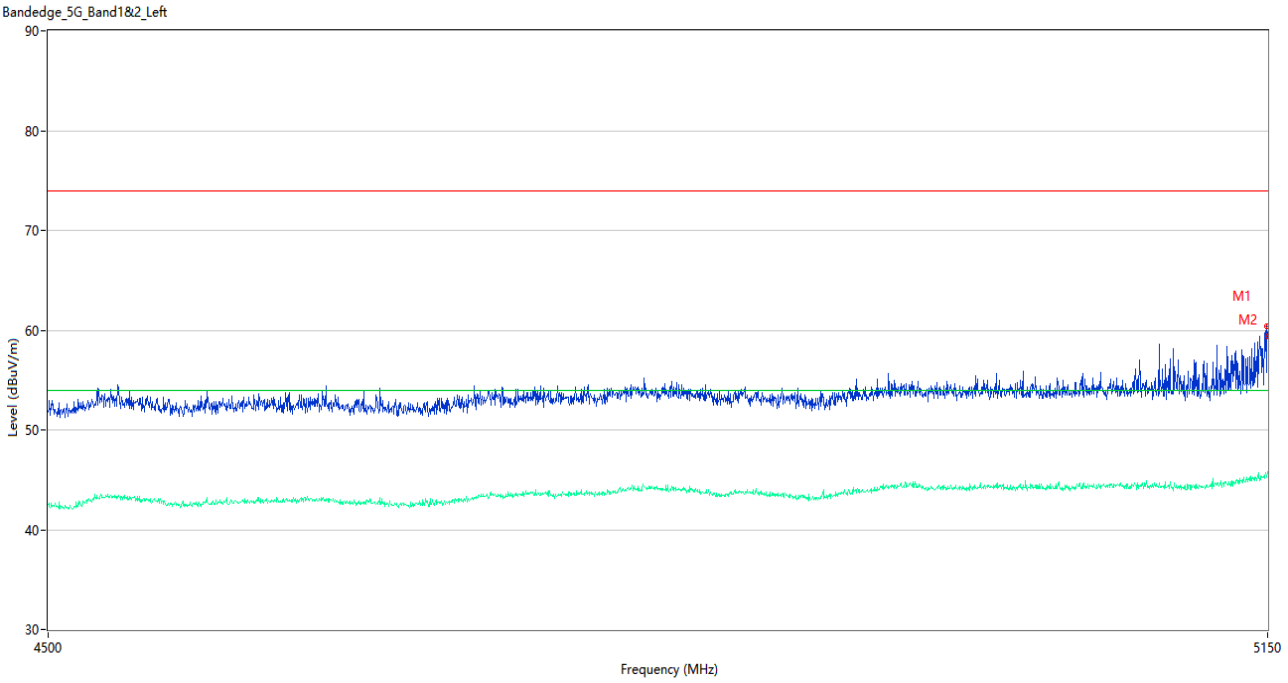
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5124.000	59.19	0.54	74.0	14.81	Peak	127.00	200	Horizontal	Pass
1**	5124.000	44.36	0.54	54.0	9.64	AV	127.00	200	Horizontal	Pass
2	5150.000	56.79	0.84	74.0	17.21	Peak	121.00	100	Horizontal	Pass
2**	5150.000	45.52	0.84	54.0	8.48	AV	121.00	100	Horizontal	Pass
3	5147.400	56.70	0.90	74.0	17.30	Peak	101.00	150	Horizontal	Pass
3**	5147.400	45.71	0.90	54.0	8.29	AV	101.00	150	Horizontal	Pass

U-NII-1 11a High Channel



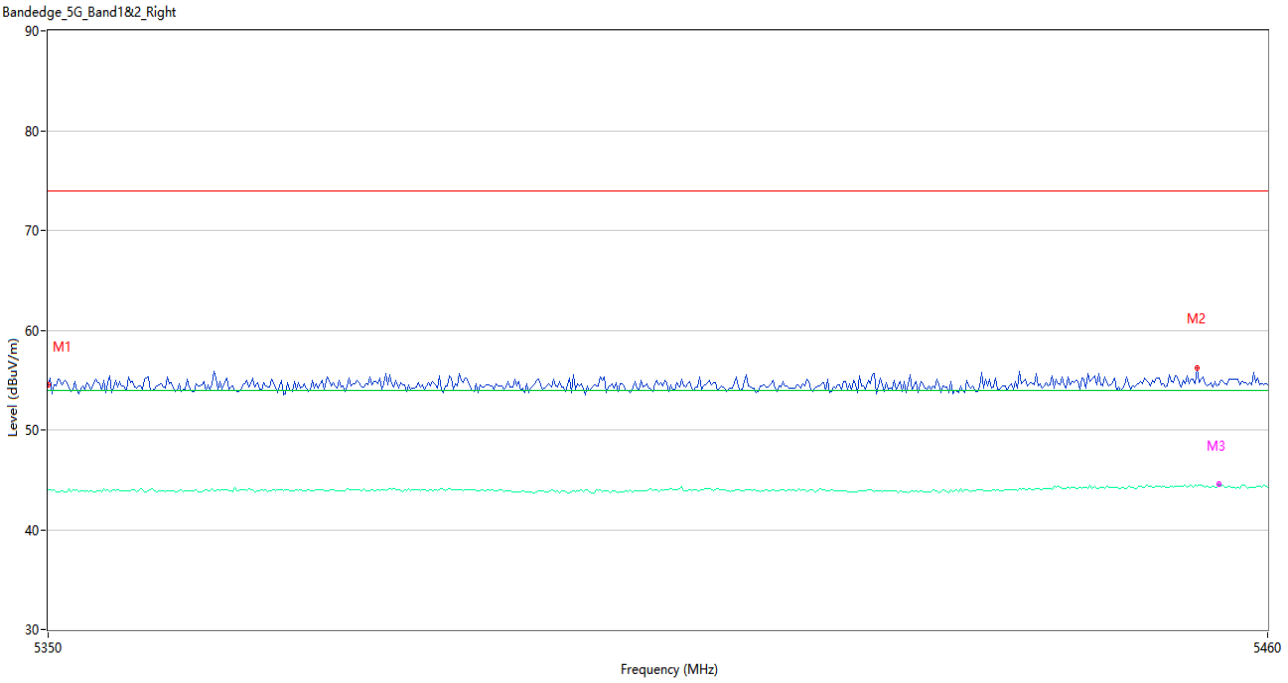
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.98	0.85	74.0	20.02	Peak	215.00	150	Horizontal	Pass
1**	5350.000	43.90	0.85	54.0	10.10	AV	215.00	150	Horizontal	Pass
2	5353.850	57.91	0.81	74.0	16.09	Peak	101.00	100	Horizontal	Pass
2**	5353.850	43.88	0.81	54.0	10.12	AV	101.00	100	Horizontal	Pass
3	5459.083	54.76	1.24	74.0	19.24	Peak	24.00	150	Horizontal	Pass
3**	5459.083	44.53	1.24	54.0	9.47	AV	24.00	150	Horizontal	Pass

U-NII-1 11n20 Low Channel



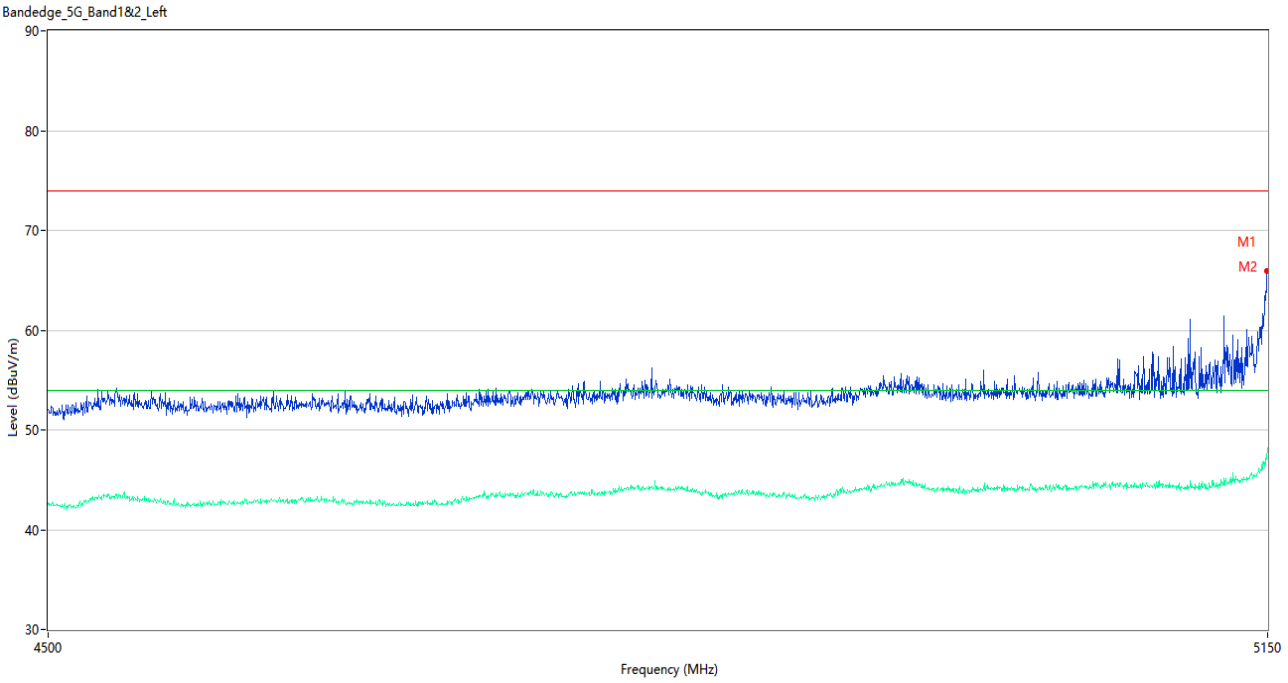
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	60.41	0.84	74.0	13.59	Peak	118.00	100	Horizontal	Pass
1**	5149.675	45.20	0.84	54.0	8.80	AV	118.00	100	Horizontal	Pass
2	5150.000	59.39	0.84	74.0	14.61	Peak	152.00	150	Horizontal	Pass
2**	5150.000	45.80	0.84	54.0	8.20	AV	152.00	150	Horizontal	Pass

U-NII-1 11n20 High Channel



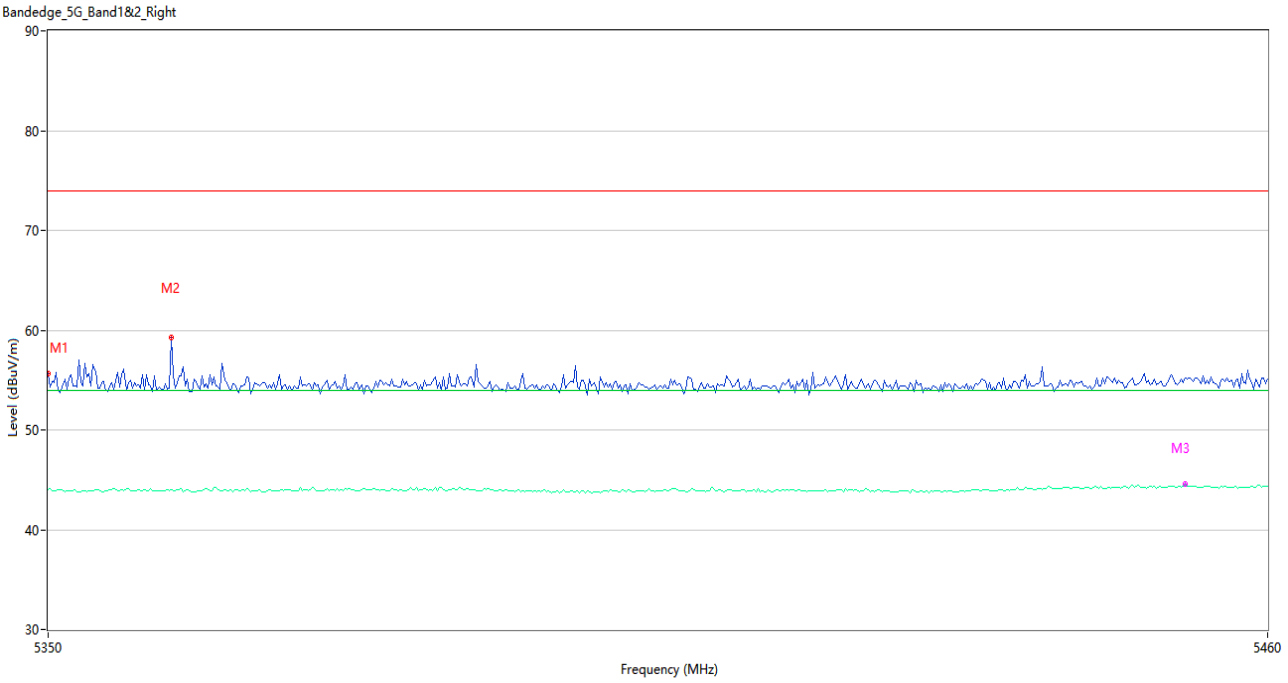
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.52	0.85	74.0	19.48	Peak	103.00	200	Horizontal	Pass
1**	5350.000	43.96	0.85	54.0	10.04	AV	103.00	200	Horizontal	Pass
2	5453.583	56.21	1.25	74.0	17.79	Peak	128.00	100	Horizontal	Pass
2**	5453.583	44.31	1.25	54.0	9.69	AV	128.00	100	Horizontal	Pass
3	5455.600	54.55	1.18	74.0	19.45	Peak	243.00	150	Horizontal	Pass
3**	5455.600	44.60	1.18	54.0	9.40	AV	243.00	150	Horizontal	Pass

U-NII-1 11n40 Low Channel



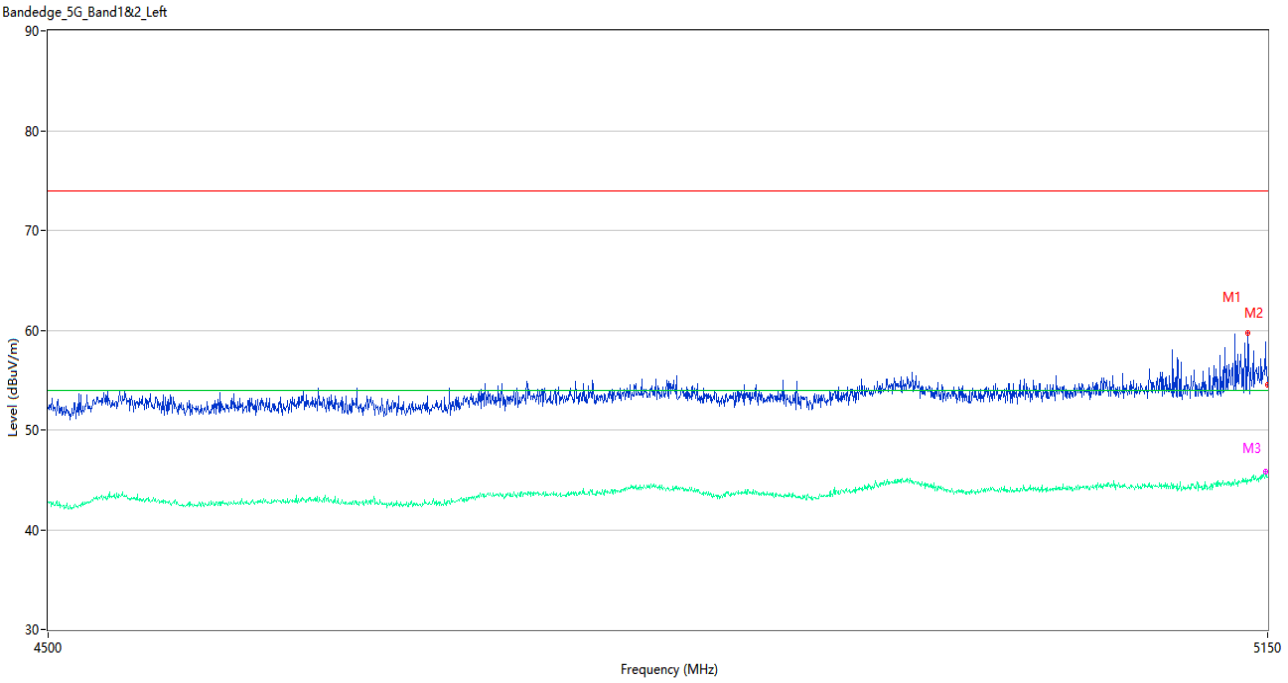
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	65.93	0.84	74.0	8.07	Peak	145.00	100	Horizontal	Pass
1**	5149.675	47.11	0.84	54.0	6.89	AV	145.00	100	Horizontal	Pass
2	5150.000	65.89	0.84	74.0	8.11	Peak	127.00	200	Horizontal	Pass
2**	5150.000	48.21	0.84	54.0	5.79	AV	127.00	200	Horizontal	Pass

U-NII-1 11n40 High Channel



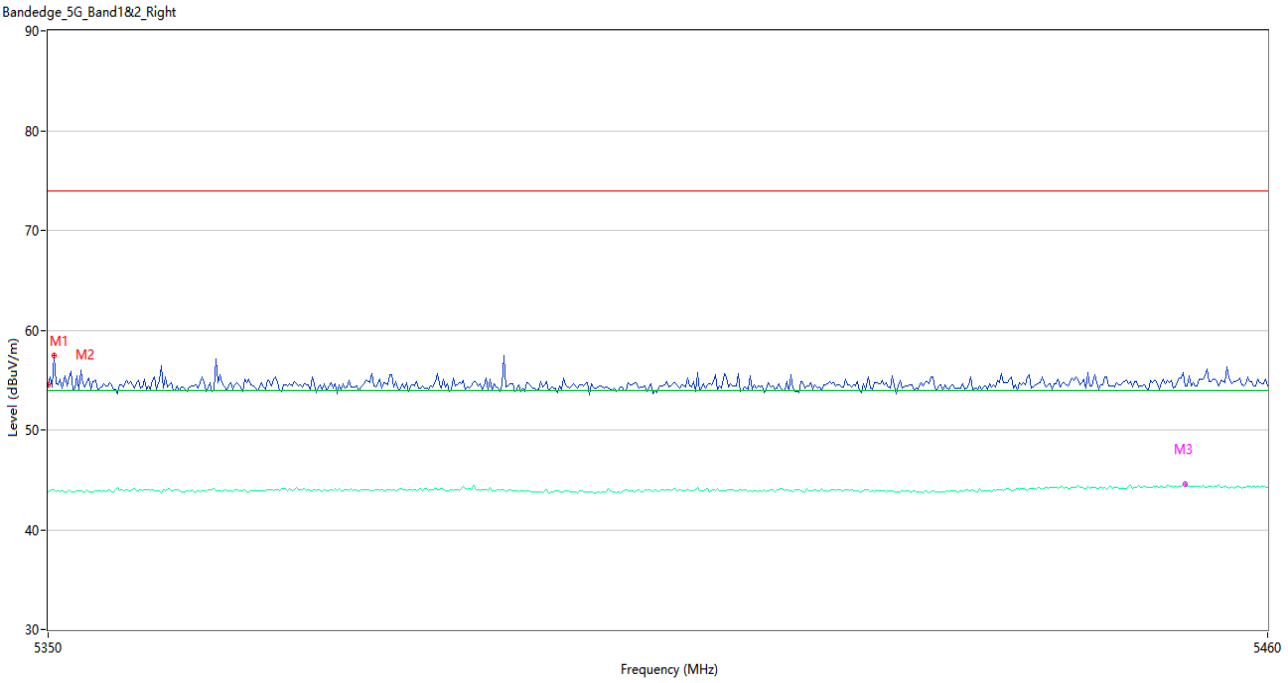
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.71	0.85	74.0	18.29	Peak	134.00	200	Horizontal	Pass
1**	5350.000	44.02	0.85	54.0	9.98	AV	134.00	200	Horizontal	Pass
2	5361.000	59.24	0.78	74.0	14.76	Peak	103.00	150	Horizontal	Pass
2**	5361.000	44.03	0.78	54.0	9.97	AV	103.00	150	Horizontal	Pass
3	5452.484	55.17	1.29	74.0	18.83	Peak	310.00	150	Horizontal	Pass
3**	5452.484	44.54	1.29	54.0	9.46	AV	310.00	150	Horizontal	Pass

U-NII-1 11ac20 Low Channel



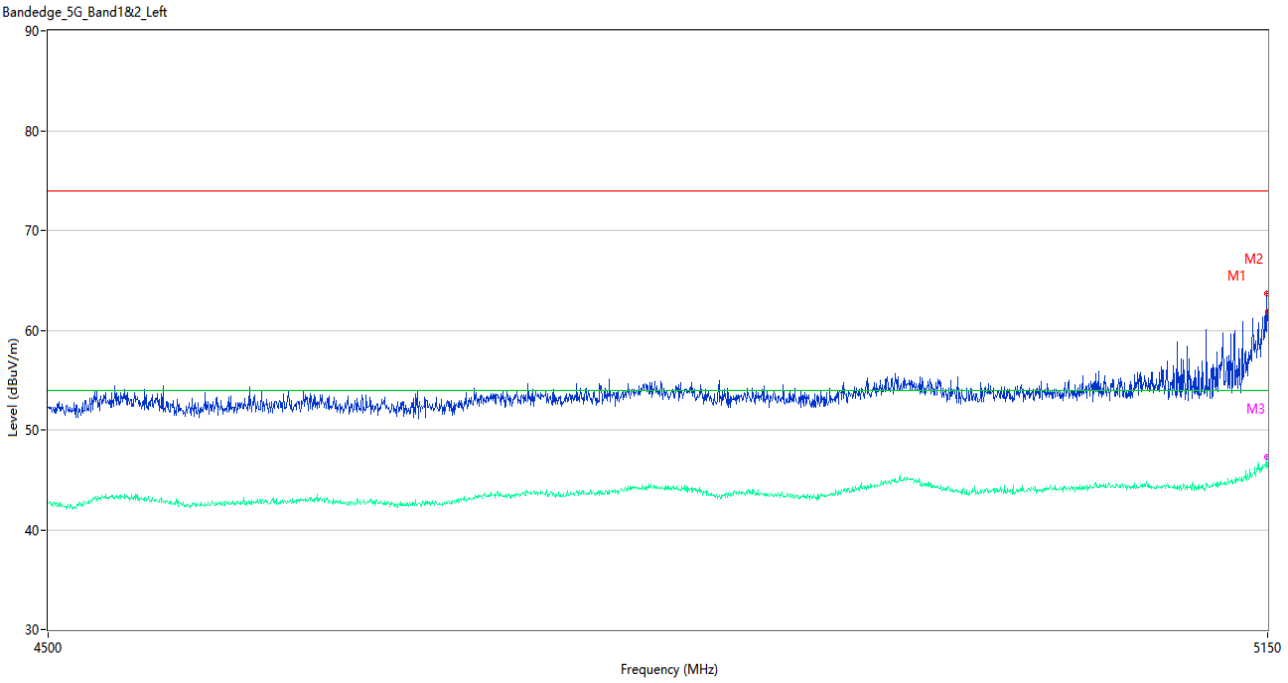
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5138.950	59.71	0.82	74.0	14.29	Peak	125.00	200	Horizontal	Pass
1**	5138.950	45.05	0.82	54.0	8.95	AV	125.00	200	Horizontal	Pass
2	5150.000	54.52	0.84	74.0	19.48	Peak	100.00	100	Horizontal	Pass
2**	5150.000	45.25	0.84	54.0	8.75	AV	100.00	100	Horizontal	Pass
3	5149.025	56.51	0.84	74.0	17.49	Peak	107.00	150	Horizontal	Pass
3**	5149.025	45.83	0.84	54.0	8.17	AV	107.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel



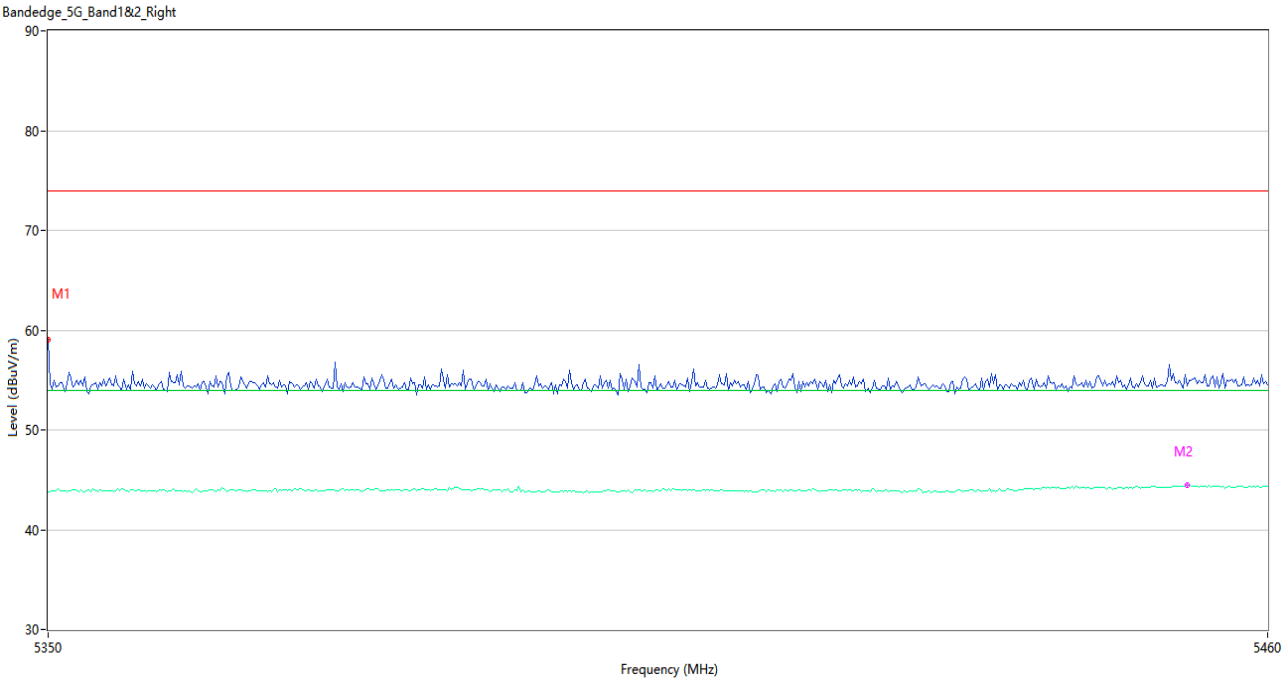
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.47	0.85	74.0	19.53	Peak	201.00	200	Horizontal	Pass
1**	5350.000	43.80	0.85	54.0	10.20	AV	201.00	200	Horizontal	Pass
2	5350.550	57.49	0.87	74.0	16.51	Peak	117.00	100	Horizontal	Pass
2**	5350.550	44.03	0.87	54.0	9.97	AV	117.00	100	Horizontal	Pass
3	5452.484	54.44	1.29	74.0	19.56	Peak	19.00	150	Horizontal	Pass
3**	5452.484	44.54	1.29	54.0	9.46	AV	19.00	150	Horizontal	Pass

U-NII-1 11ac40 Low Channel



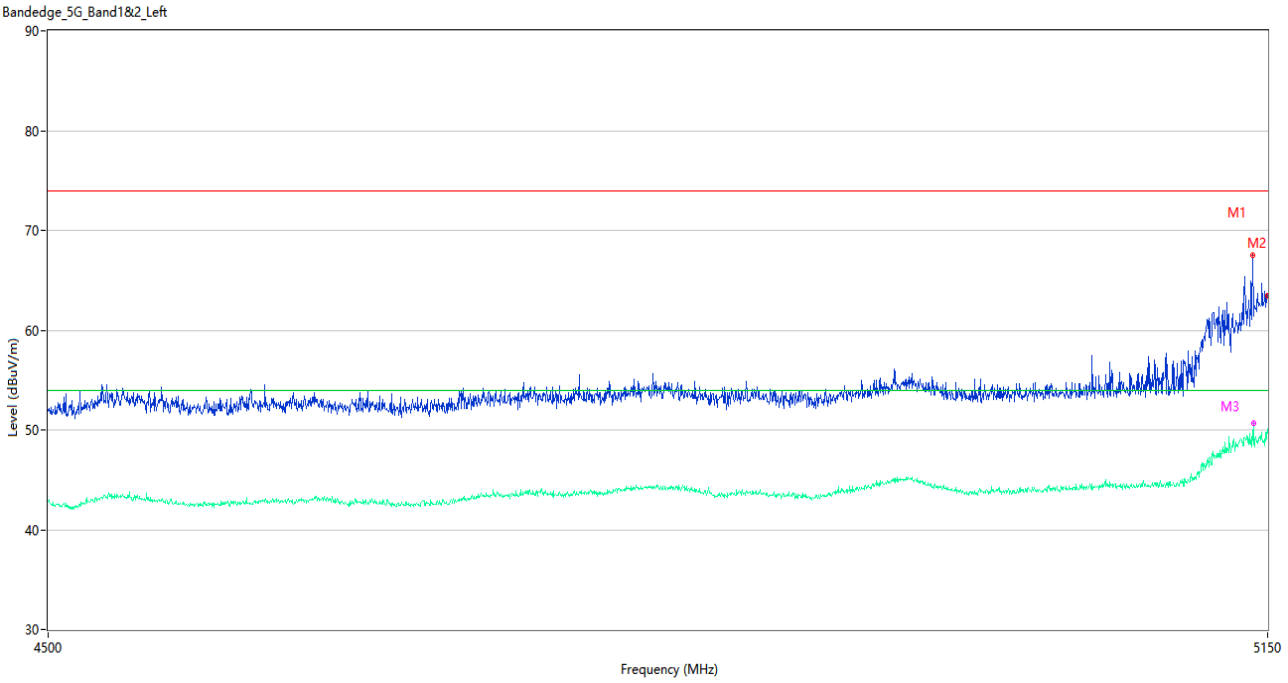
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	63.66	0.84	74.0	10.34	Peak	125.00	200	Horizontal	Pass
1**	5149.350	46.19	0.84	54.0	7.81	AV	125.00	200	Horizontal	Pass
2	5150.000	61.91	0.84	74.0	12.09	Peak	137.00	200	Horizontal	Pass
2**	5150.000	46.24	0.84	54.0	7.76	AV	137.00	200	Horizontal	Pass
3	5149.675	59.79	0.84	74.0	14.21	Peak	112.00	150	Horizontal	Pass
3**	5149.675	47.23	0.84	54.0	6.77	AV	112.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel



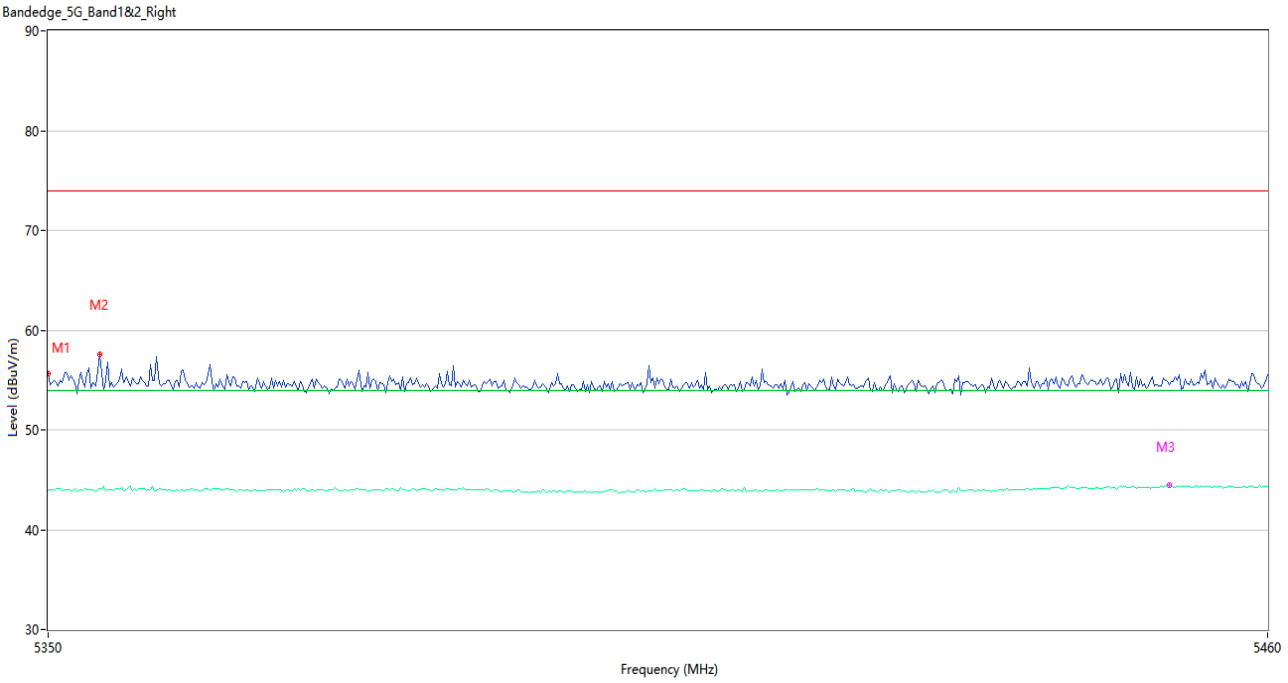
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.99	0.85	74.0	15.01	Peak	137.00	100	Horizontal	Pass
1**	5350.000	43.83	0.85	54.0	10.17	AV	137.00	100	Horizontal	Pass
2	5452.666	54.46	1.30	74.0	19.54	Peak	235.00	150	Horizontal	Pass
2**	5452.666	44.42	1.30	54.0	9.58	AV	235.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



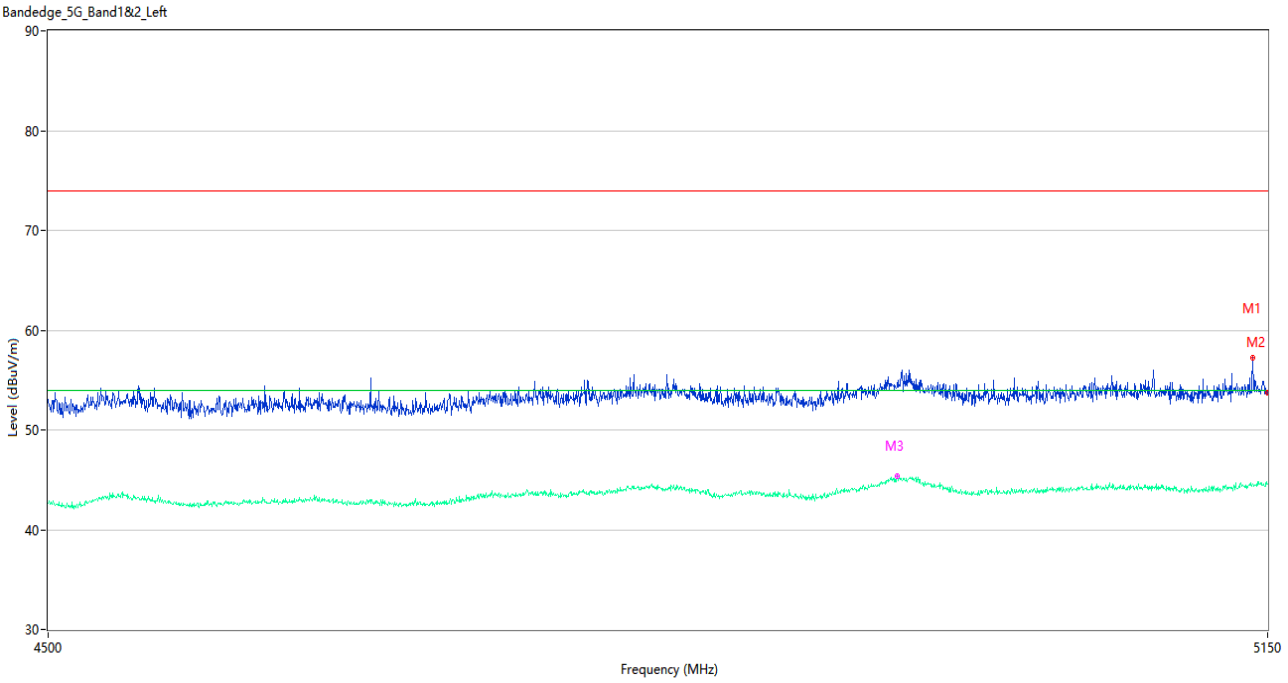
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.550	67.46	0.93	74.0	6.54	Peak	126.00	100	Horizontal	Pass
1**	5141.550	49.43	0.93	54.0	4.57	AV	126.00	100	Horizontal	Pass
2	5150.000	63.49	0.84	74.0	10.51	Peak	109.00	200	Horizontal	Pass
2**	5150.000	50.10	0.84	54.0	3.90	AV	109.00	200	Horizontal	Pass
3	5141.875	61.38	0.93	74.0	12.62	Peak	140.00	150	Horizontal	Pass
3**	5141.875	50.64	0.93	54.0	3.36	AV	140.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



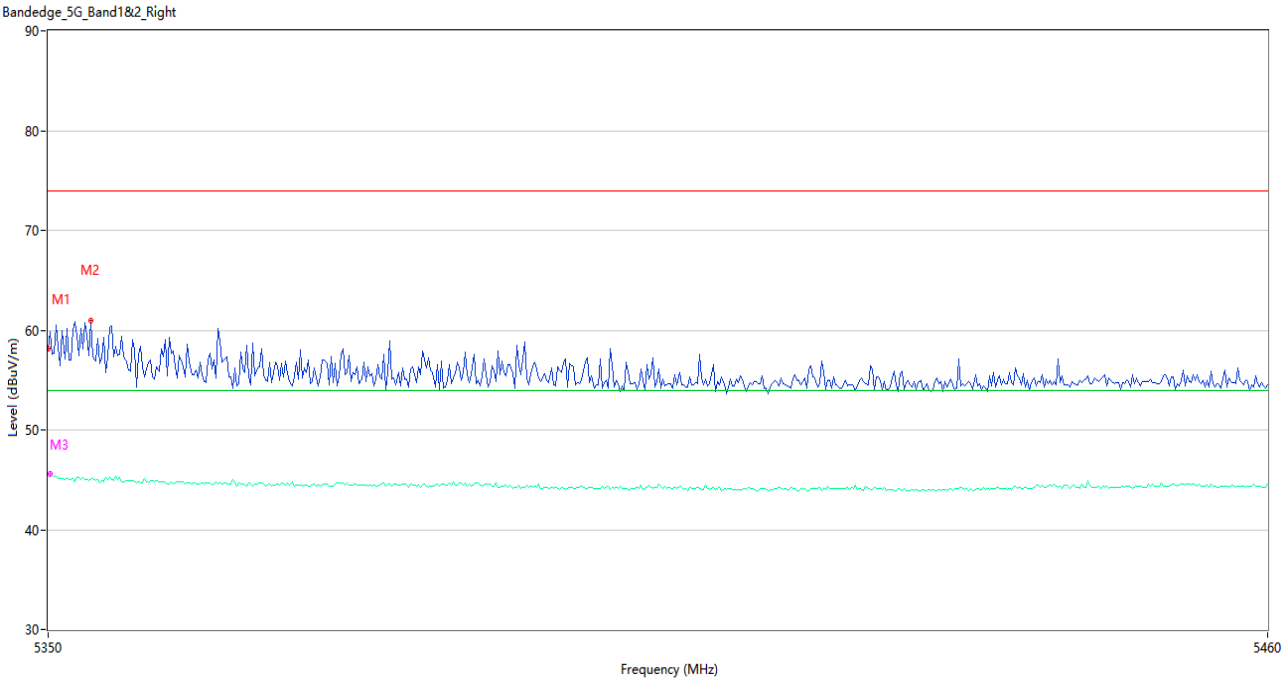
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.65	0.85	74.0	18.35	Peak	133.00	100	Horizontal	Pass
1**	5350.000	43.93	0.85	54.0	10.07	AV	133.00	100	Horizontal	Pass
2	5354.584	57.55	0.82	74.0	16.45	Peak	144.00	100	Horizontal	Pass
2**	5354.584	44.09	0.82	54.0	9.91	AV	144.00	100	Horizontal	Pass
3	5451.017	54.51	1.26	74.0	19.49	Peak	349.00	150	Horizontal	Pass
3**	5451.017	44.46	1.26	54.0	9.54	AV	349.00	150	Horizontal	Pass

U-NII-2A 11a Low Channel



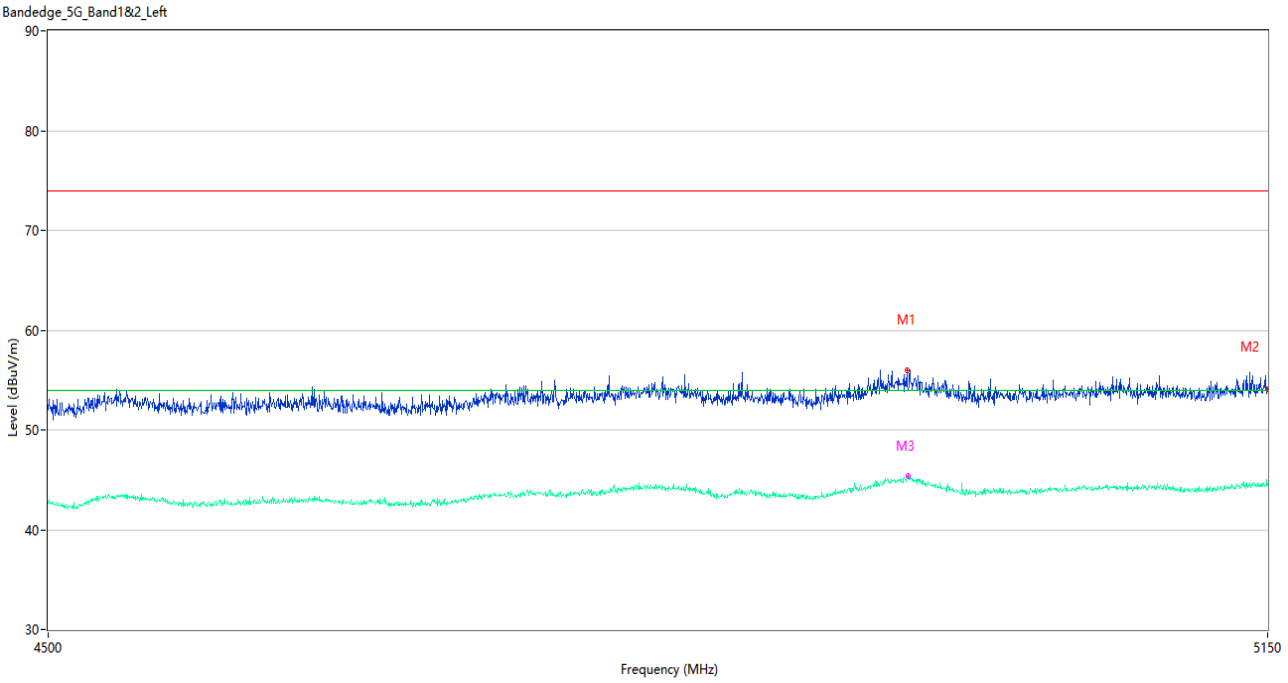
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.550	57.19	0.93	74.0	16.81	Peak	136.00	200	Horizontal	Pass
1**	5141.550	44.53	0.93	54.0	9.47	AV	136.00	200	Horizontal	Pass
2	5150.000	53.75	0.84	74.0	20.25	Peak	229.00	150	Horizontal	Pass
2**	5150.000	44.54	0.84	54.0	9.46	AV	229.00	150	Horizontal	Pass
3	4942.975	54.26	2.12	74.0	19.74	Peak	106.00	150	Horizontal	Pass
3**	4942.975	45.33	2.12	54.0	8.67	AV	106.00	150	Horizontal	Pass

U-NII-2A 11a High Channel



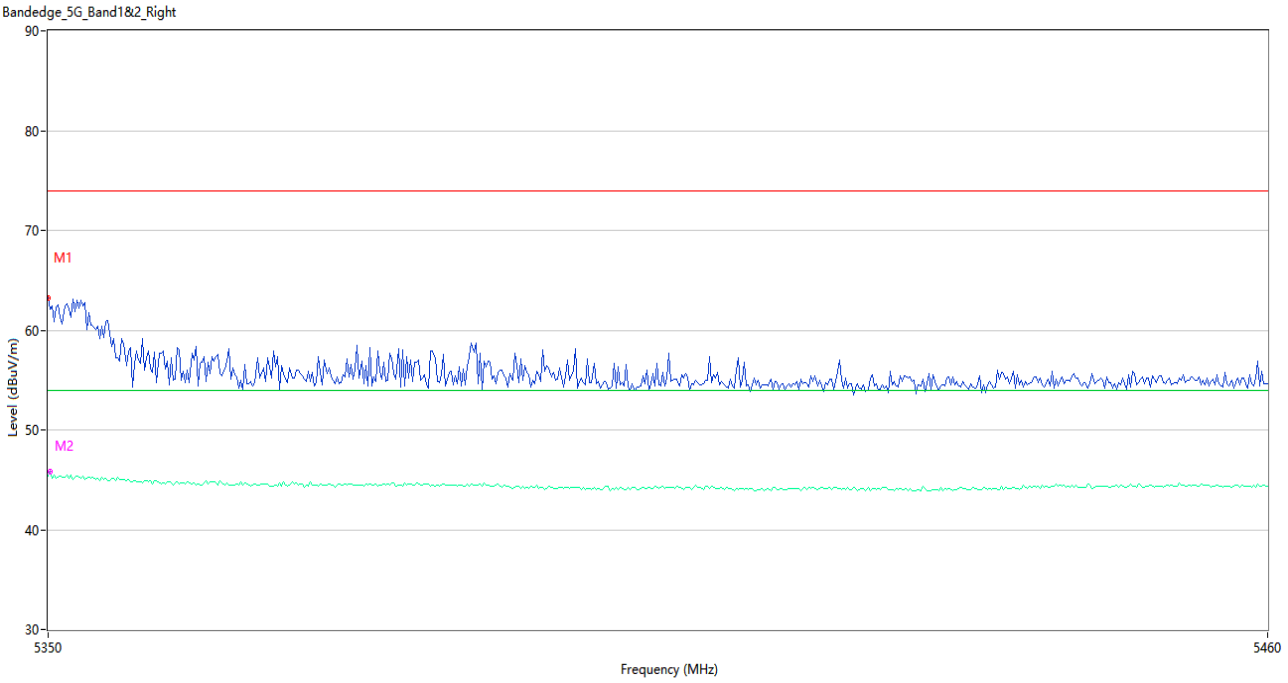
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.14	0.85	74.0	15.86	Peak	125.00	150	Horizontal	Pass
1**	5350.000	45.53	0.85	54.0	8.47	AV	125.00	150	Horizontal	Pass
2	5353.850	61.00	0.81	74.0	13.00	Peak	103.00	200	Horizontal	Pass
2**	5353.850	45.03	0.81	54.0	8.97	AV	103.00	200	Horizontal	Pass
3	5350.183	59.87	0.86	74.0	14.13	Peak	103.00	150	Horizontal	Pass
3**	5350.183	45.59	0.86	54.0	8.41	AV	103.00	150	Horizontal	Pass

U-NII-2A 11n20 Low Channel



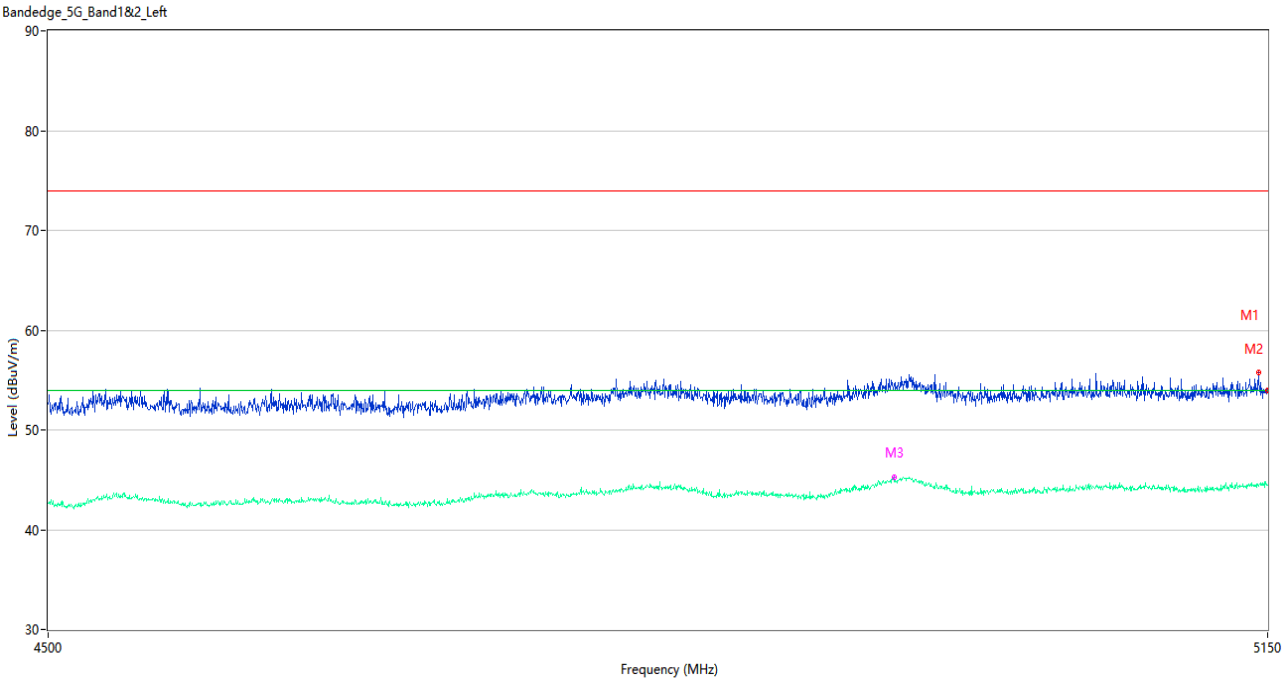
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4948.500	56.05	2.42	74.0	17.95	Peak	235.00	150	Horizontal	Pass
1**	4948.500	45.22	2.42	54.0	8.78	AV	235.00	150	Horizontal	Pass
2	5150.000	54.11	0.84	74.0	19.89	Peak	219.00	100	Horizontal	Pass
2**	5150.000	44.46	0.84	54.0	9.54	AV	219.00	100	Horizontal	Pass
3	4949.150	54.10	2.48	74.0	19.90	Peak	244.00	150	Horizontal	Pass
3**	4949.150	45.35	2.48	54.0	8.65	AV	244.00	150	Horizontal	Pass

U-NII-2A 11n20 High Channel



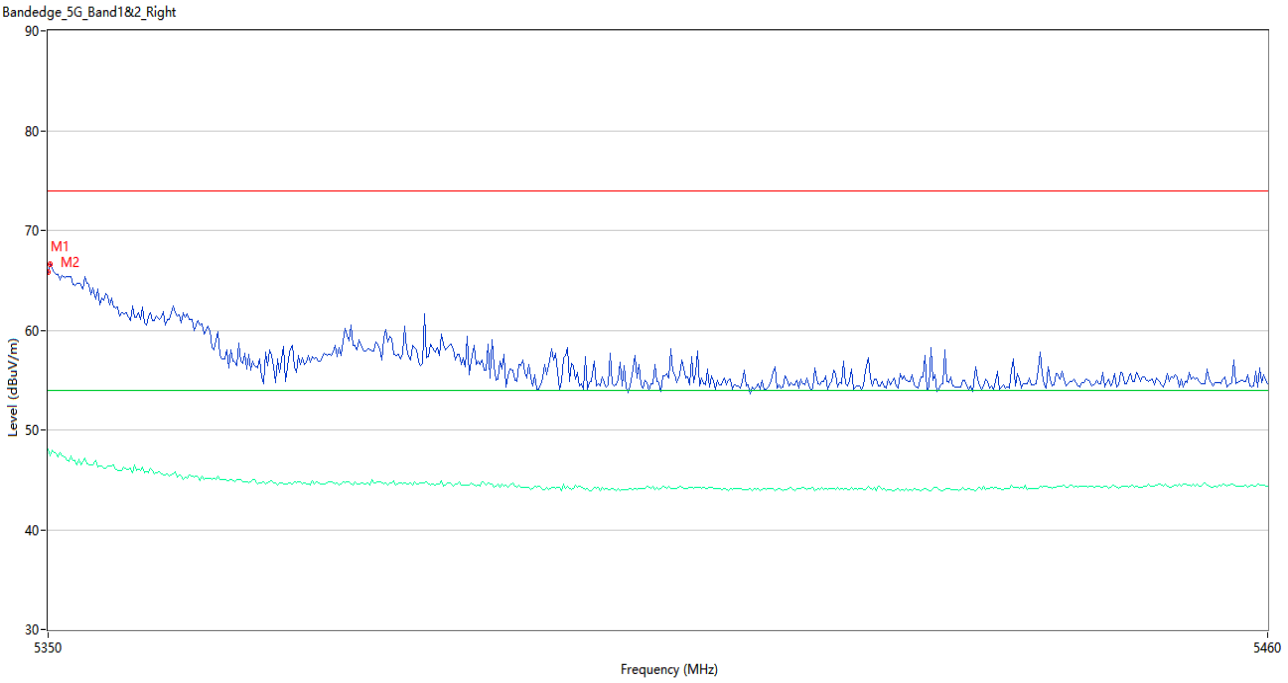
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	63.22	0.85	74.0	10.78	Peak	129.00	200	Horizontal	Pass
1**	5350.000	45.40	0.85	54.0	8.60	AV	129.00	200	Horizontal	Pass
2	5350.183	62.05	0.86	74.0	11.95	Peak	123.00	150	Horizontal	Pass
2**	5350.183	45.83	0.86	54.0	8.17	AV	123.00	150	Horizontal	Pass

U-NII-2A 11n40 Low Channel



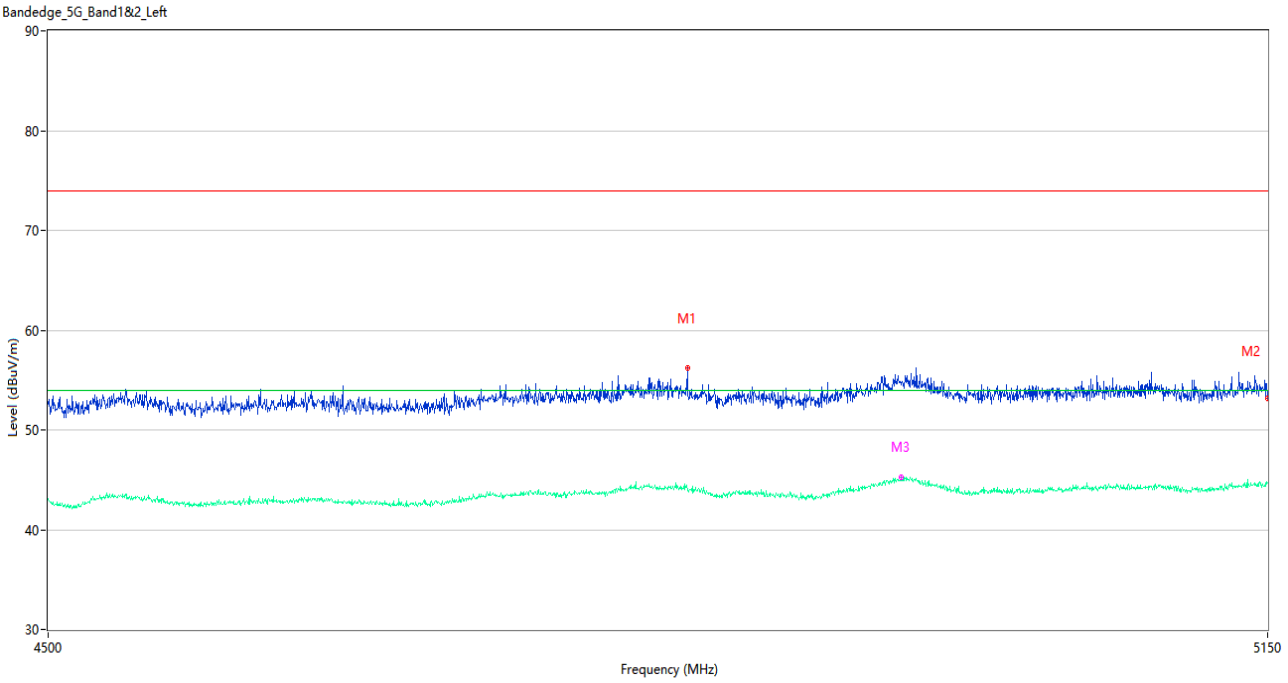
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5144.800	55.72	0.93	74.0	18.28	Peak	175.00	150	Horizontal	Pass
1**	5144.800	44.32	0.93	54.0	9.68	AV	175.00	150	Horizontal	Pass
2	5150.000	54.00	0.84	74.0	20.00	Peak	347.00	100	Horizontal	Pass
2**	5150.000	44.41	0.84	54.0	9.59	AV	347.00	100	Horizontal	Pass
3	4941.350	54.61	2.04	74.0	19.39	Peak	338.00	150	Horizontal	Pass
3**	4941.350	45.26	2.04	54.0	8.74	AV	338.00	150	Horizontal	Pass

U-NII-2A 11n40 High Channel



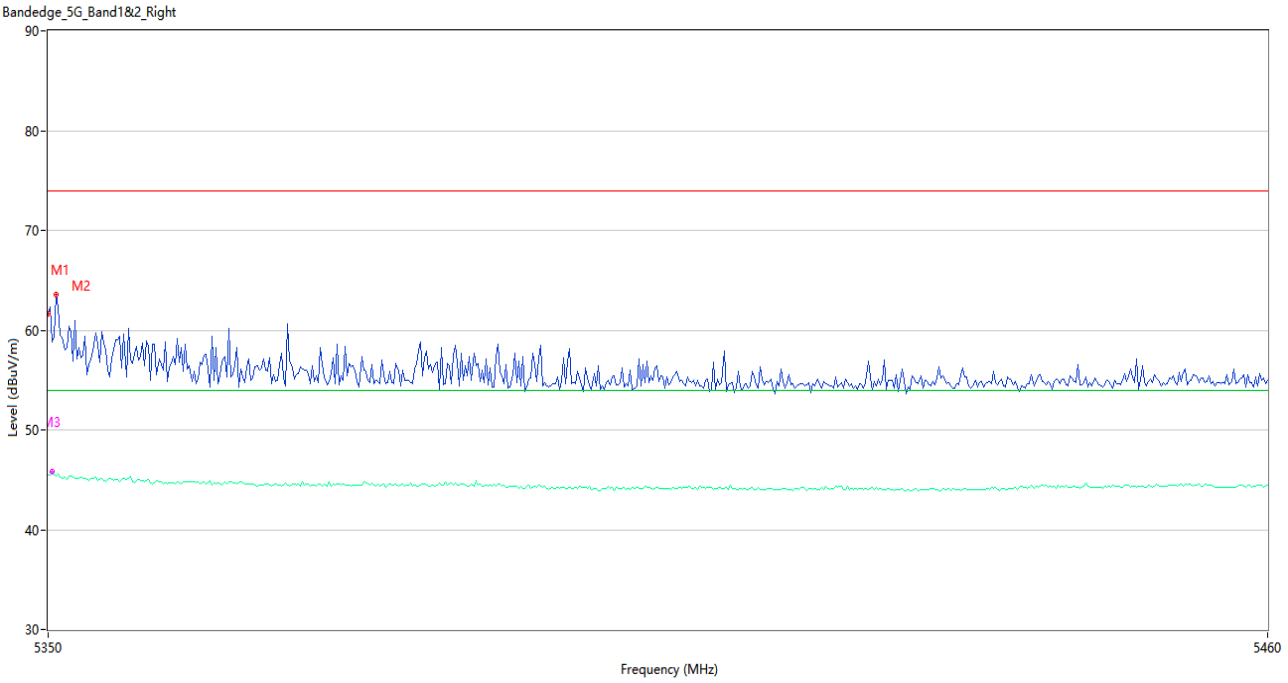
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	65.84	0.85	74.0	8.16	Peak	139.00	200	Horizontal	Pass
1**	5350.000	48.09	0.85	54.0	5.91	AV	139.00	200	Horizontal	Pass
2	5350.183	66.56	0.86	74.0	7.44	Peak	124.00	100	Horizontal	Pass
2**	5350.183	47.36	0.86	54.0	6.64	AV	124.00	100	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



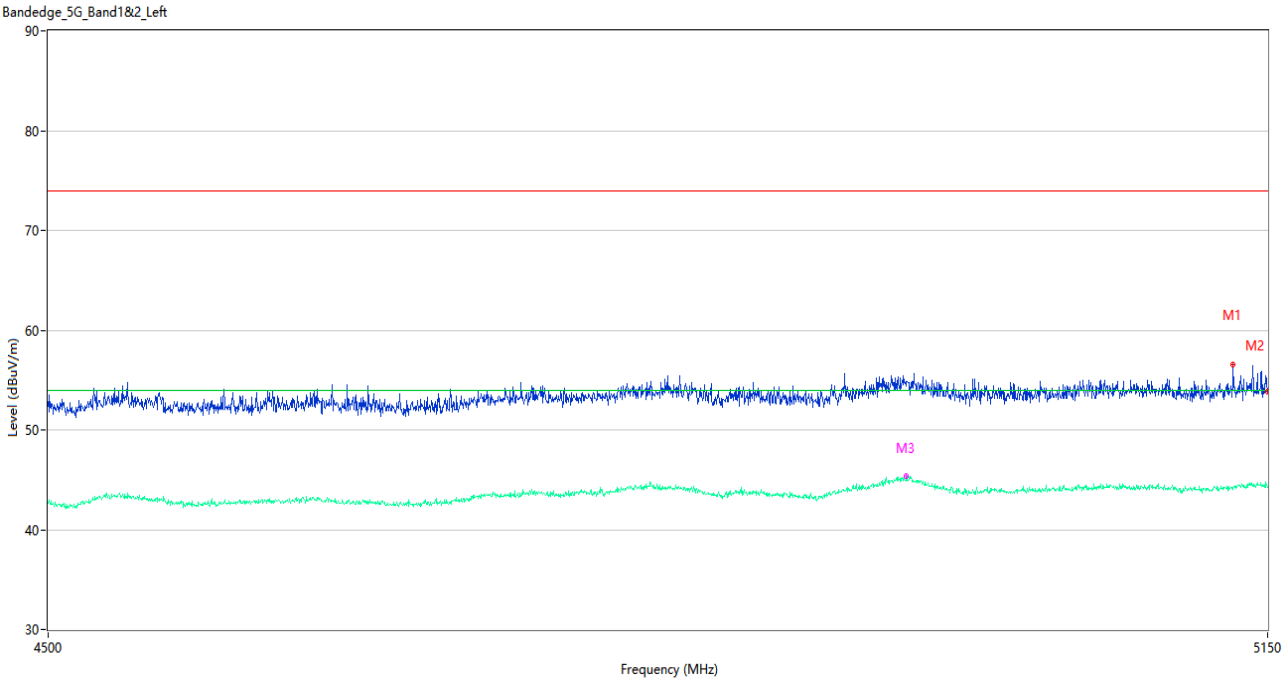
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4829.875	56.18	0.18	74.0	17.82	Peak	40.00	200	Horizontal	Pass
1**	4829.875	44.10	0.18	54.0	9.90	AV	40.00	200	Horizontal	Pass
2	5150.000	53.11	0.84	74.0	20.89	Peak	63.00	150	Horizontal	Pass
2**	5150.000	44.70	0.84	54.0	9.30	AV	63.00	150	Horizontal	Pass
3	4945.575	54.74	2.25	74.0	19.26	Peak	289.00	150	Horizontal	Pass
3**	4945.575	45.30	2.25	54.0	8.70	AV	289.00	150	Horizontal	Pass

U-NII-2A 11ac20 High Channel



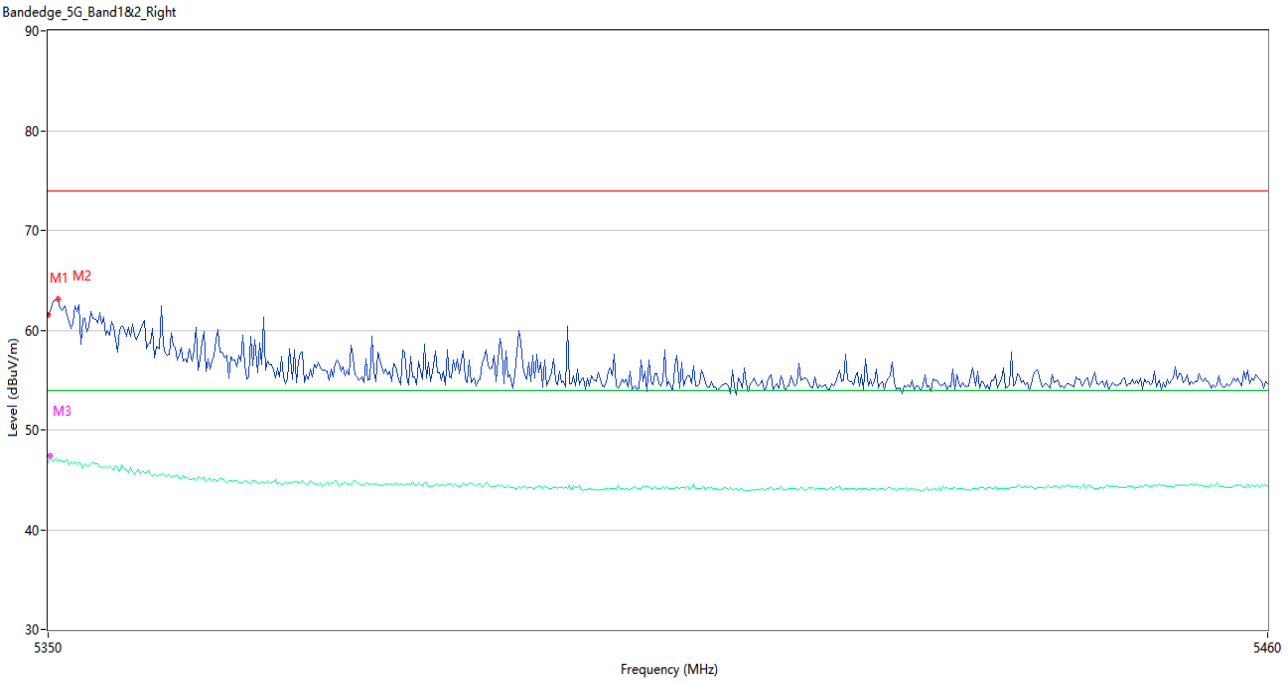
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.64	0.85	74.0	12.36	Peak	102.00	150	Horizontal	Pass
1**	5350.000	45.51	0.85	54.0	8.49	AV	102.00	150	Horizontal	Pass
2	5350.733	63.56	0.87	74.0	10.44	Peak	127.00	100	Horizontal	Pass
2**	5350.733	45.31	0.87	54.0	8.69	AV	127.00	100	Horizontal	Pass
3	5350.367	58.77	0.86	74.0	15.23	Peak	99.00	150	Horizontal	Pass
3**	5350.367	45.78	0.86	54.0	8.22	AV	99.00	150	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



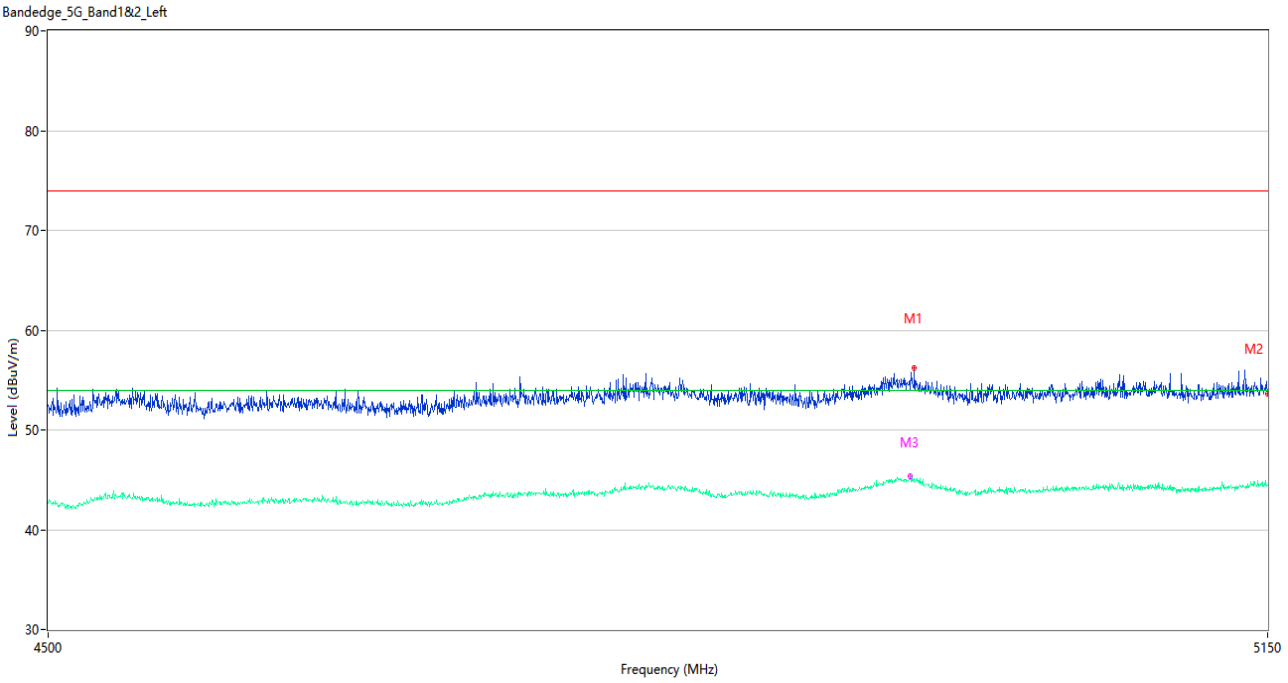
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5130.500	56.57	0.65	74.0	17.43	Peak	228.00	200	Horizontal	Pass
1**	5130.500	44.13	0.65	54.0	9.87	AV	228.00	200	Horizontal	Pass
2	5150.000	53.86	0.84	74.0	20.14	Peak	335.00	200	Horizontal	Pass
2**	5150.000	44.18	0.84	54.0	9.82	AV	335.00	200	Horizontal	Pass
3	4948.175	54.90	2.39	74.0	19.10	Peak	0.00	150	Horizontal	Pass
3**	4948.175	45.41	2.39	54.0	8.59	AV	0.00	150	Horizontal	Pass

U-NII-2A 11ac40 High Channel



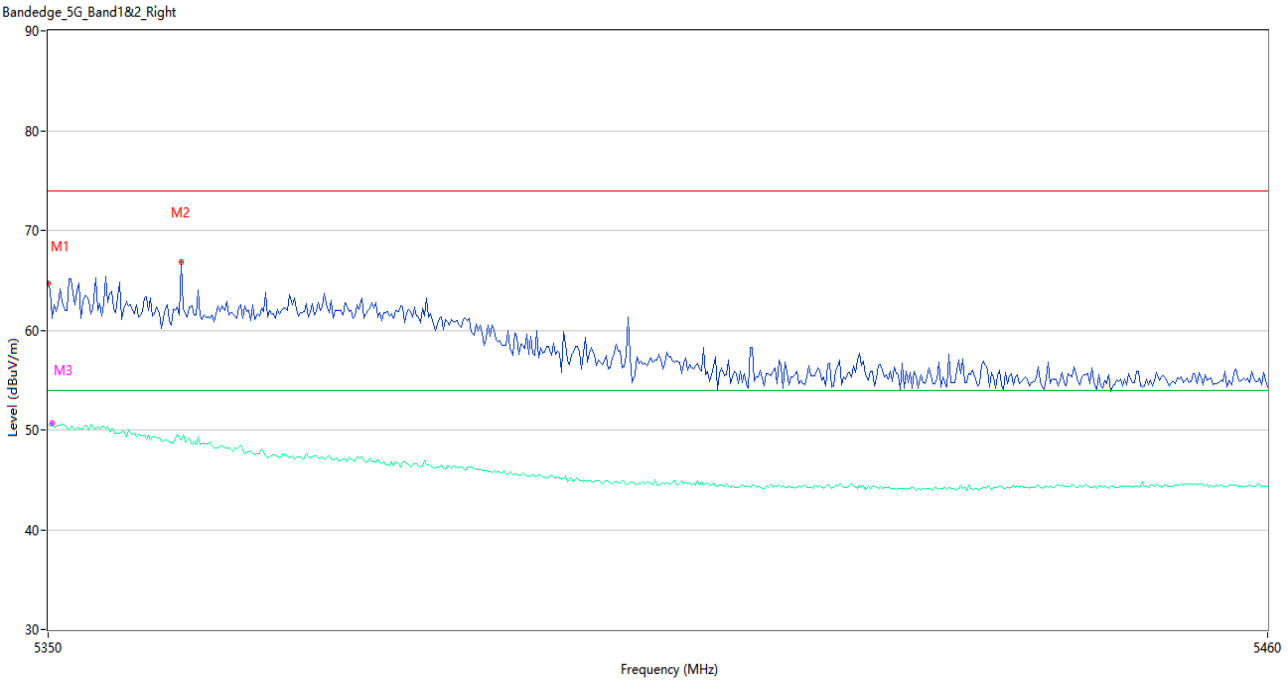
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.49	0.85	74.0	12.51	Peak	143.00	200	Horizontal	Pass
1**	5350.000	46.73	0.85	54.0	7.27	AV	143.00	200	Horizontal	Pass
2	5350.917	63.06	0.87	74.0	10.94	Peak	108.00	150	Horizontal	Pass
2**	5350.917	46.89	0.87	54.0	7.11	AV	108.00	150	Horizontal	Pass
3	5350.183	61.89	0.86	74.0	12.11	Peak	129.00	150	Horizontal	Pass
3**	5350.183	47.42	0.86	54.0	6.58	AV	129.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



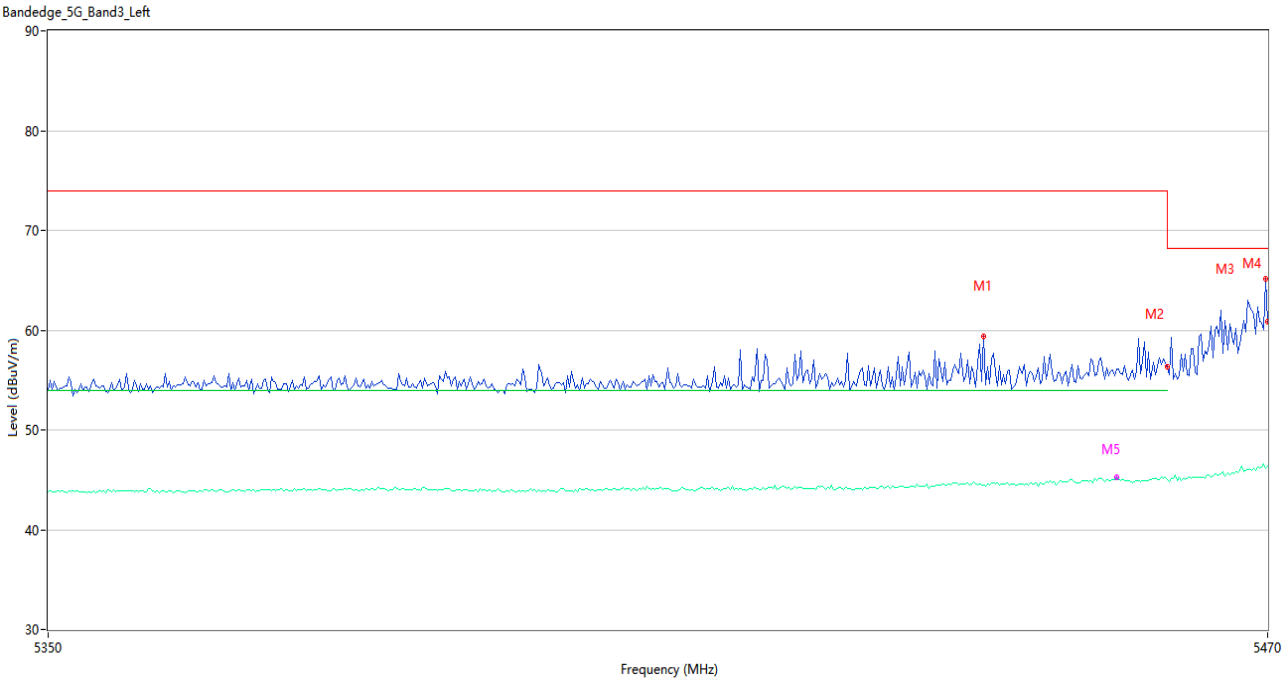
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4952.725	56.17	2.41	74.0	17.83	Peak	190.00	100	Horizontal	Pass
1**	4952.725	44.77	2.41	54.0	9.23	AV	190.00	100	Horizontal	Pass
2	5150.000	53.62	0.84	74.0	20.38	Peak	26.00	200	Horizontal	Pass
2**	5150.000	44.41	0.84	54.0	9.59	AV	26.00	200	Horizontal	Pass
3	4950.450	54.12	2.50	74.0	19.88	Peak	71.00	150	Horizontal	Pass
3**	4950.450	45.35	2.50	54.0	8.65	AV	71.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



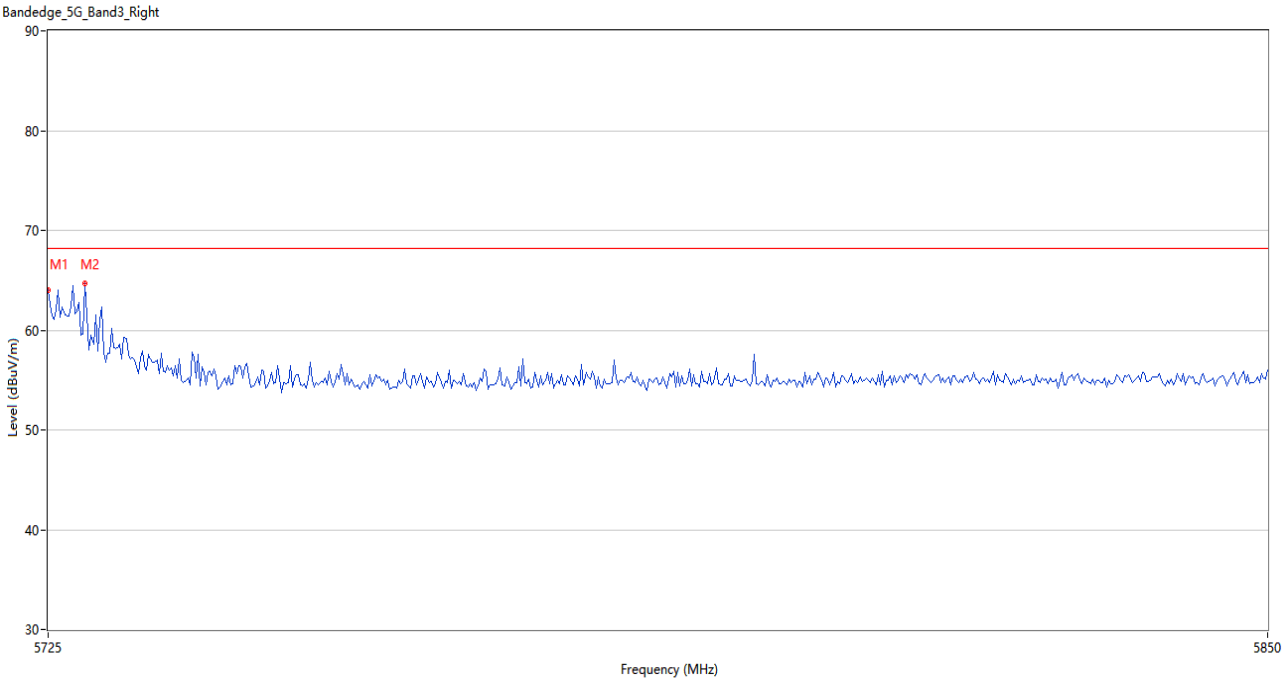
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.66	0.85	74.0	9.34	Peak	103.00	200	Horizontal	Pass
1**	5350.000	50.52	0.85	54.0	3.48	AV	103.00	200	Horizontal	Pass
2	5361.916	66.81	0.77	74.0	7.19	Peak	126.00	200	Horizontal	Pass
2**	5361.916	48.94	0.77	54.0	5.06	AV	126.00	200	Horizontal	Pass
3	5350.367	61.14	0.86	74.0	12.86	Peak	134.00	150	Horizontal	Pass
3**	5350.367	50.71	0.86	54.0	3.29	AV	134.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel



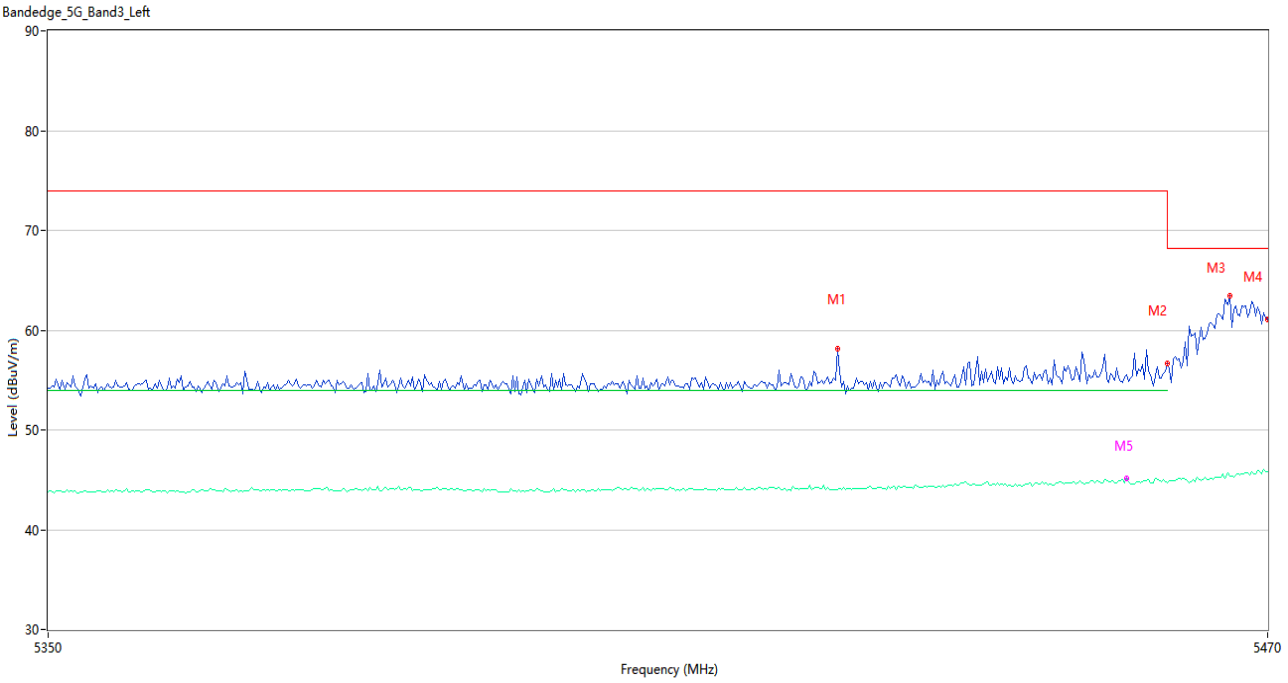
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5441.800	59.43	1.30	74.0	14.57	Peak	117.00	100	Horizontal	Pass
1**	5441.800	44.49	1.30	54.0	9.51	AV	117.00	100	Horizontal	Pass
2	5460.000	56.30	1.23	74.0	17.70	Peak	117.00	100	Horizontal	Pass
2**	5460.000	45.02	1.23	54.0	8.98	AV	117.00	100	Horizontal	Pass
3	5469.800	65.10	1.38	68.2	3.10	Peak	99.00	200	Horizontal	Pass
3**	5469.800	46.14	1.38	--	--	AV	99.00	200	Horizontal	N/A
4	5470.000	60.87	1.37	68.2	7.33	Peak	117.00	200	Horizontal	Pass
4**	5470.000	46.44	1.37	--	--	AV	117.00	200	Horizontal	N/A
5	5455.000	56.12	1.18	74.0	17.88	Peak	134.00	200	Horizontal	Pass
5**	5455.000	45.22	1.18	54.0	8.78	AV	134.00	200	Horizontal	Pass

U-NII-2C 11a High Channel



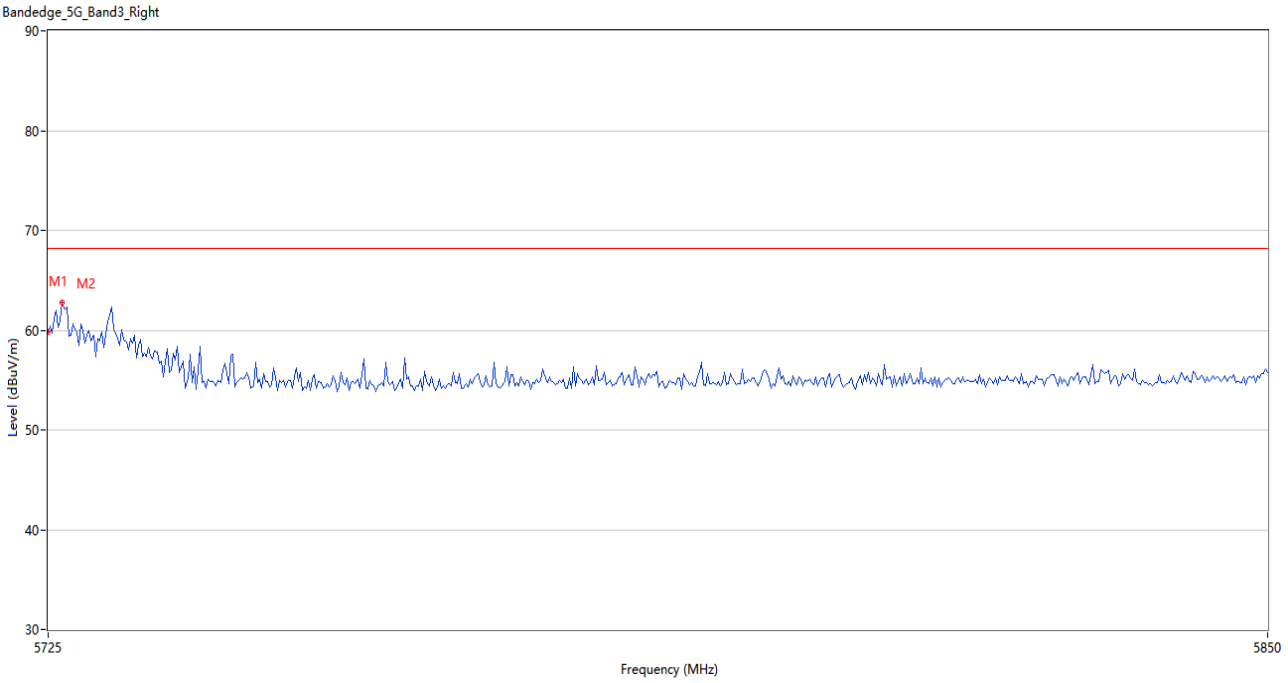
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.97	0.63	68.2	4.23	Peak	133.00	200	Horizontal	Pass
2	5728.750	64.71	0.60	68.2	3.49	Peak	160.00	200	Horizontal	Pass

U-NII-2C 11n20 Low Channel



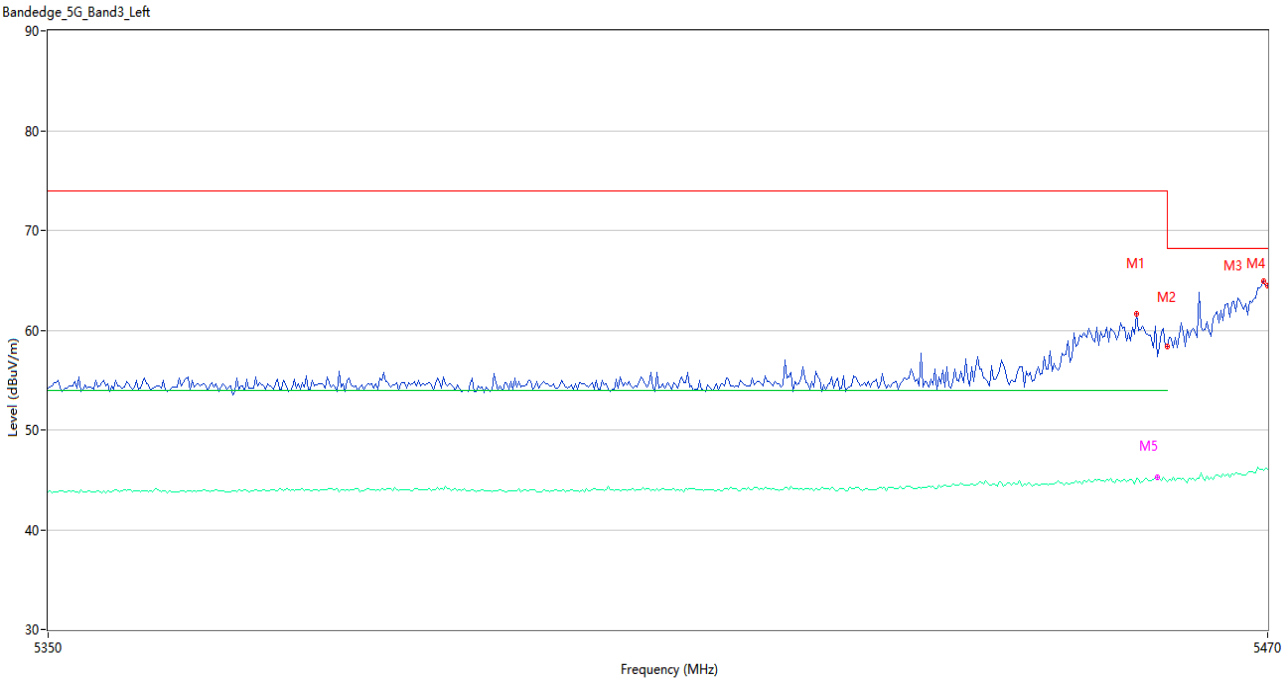
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5427.400	58.14	1.11	74.0	15.86	Peak	128.00	100	Horizontal	Pass
1**	5427.400	43.96	1.11	54.0	10.04	AV	128.00	100	Horizontal	Pass
2	5460.000	56.71	1.23	74.0	17.29	Peak	143.00	200	Horizontal	Pass
2**	5460.000	44.72	1.23	54.0	9.28	AV	143.00	200	Horizontal	Pass
3	5466.200	63.49	1.31	68.2	4.71	Peak	117.00	200	Horizontal	Pass
3**	5466.200	45.38	1.31	--	--	AV	117.00	200	Horizontal	N/A
4	5470.000	61.07	1.37	68.2	7.13	Peak	119.00	150	Horizontal	Pass
4**	5470.000	45.80	1.37	--	--	AV	119.00	150	Horizontal	N/A
5	5456.000	55.57	1.17	74.0	18.43	Peak	117.00	150	Horizontal	Pass
5**	5456.000	45.09	1.17	54.0	8.91	AV	117.00	150	Horizontal	Pass

U-NII-2C 11n20 High Channel



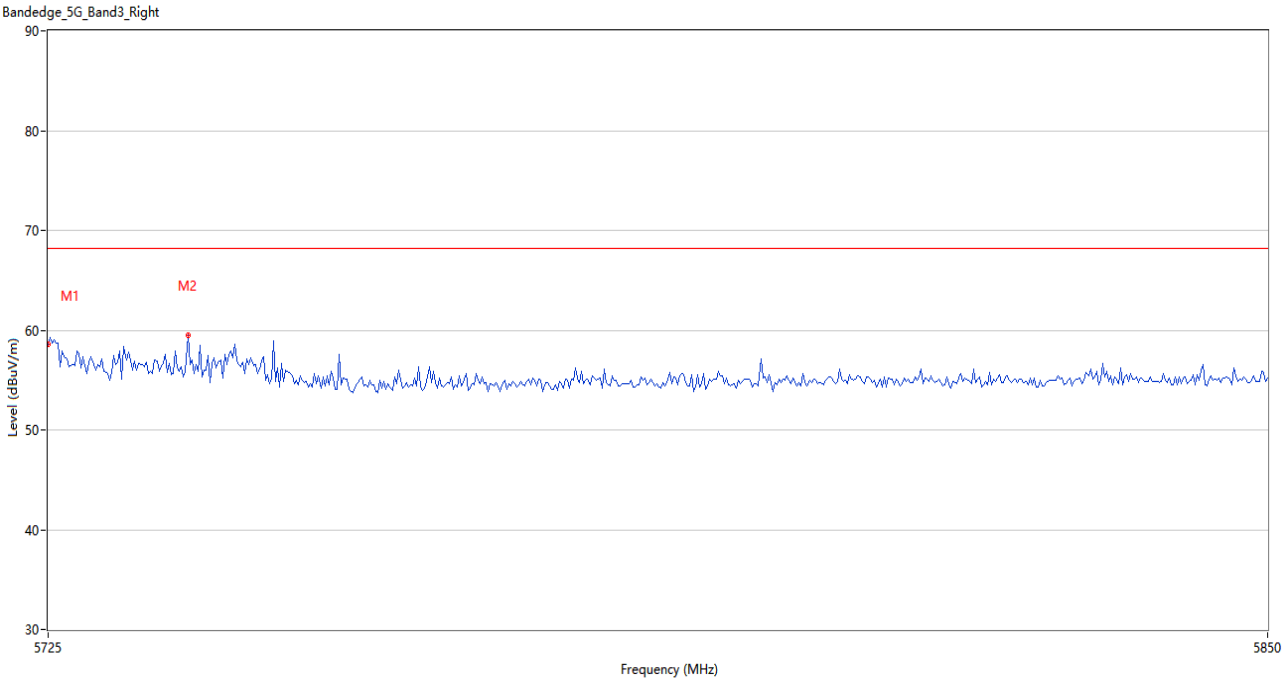
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.85	0.63	68.2	8.35	Peak	123.00	100	Horizontal	Pass
2	5726.458	62.72	0.65	68.2	5.48	Peak	117.00	100	Horizontal	Pass

U-NII-2C 11n40 Low Channel



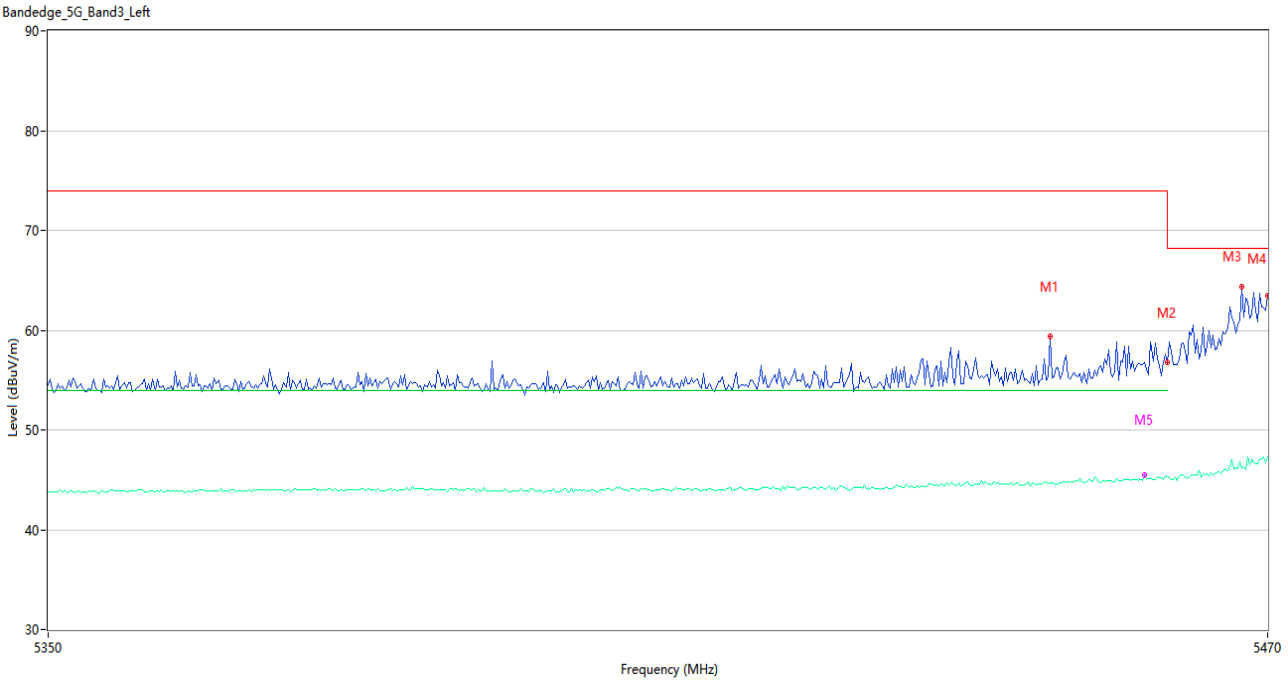
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.000	61.67	1.15	74.0	12.33	Peak	116.00	200	Horizontal	Pass
1**	5457.000	45.15	1.15	54.0	8.85	AV	116.00	200	Horizontal	Pass
2	5460.000	58.38	1.23	74.0	15.62	Peak	140.00	200	Horizontal	Pass
2**	5460.000	44.84	1.23	54.0	9.16	AV	140.00	200	Horizontal	Pass
3	5469.600	64.89	1.37	68.2	3.31	Peak	140.00	100	Horizontal	Pass
3**	5469.600	45.94	1.37	--	--	AV	140.00	100	Horizontal	N/A
4	5470.000	64.42	1.37	68.2	3.78	Peak	140.00	200	Horizontal	Pass
4**	5470.000	46.07	1.37	--	--	AV	140.00	200	Horizontal	N/A
5	5459.000	57.36	1.24	74.0	16.64	Peak	118.00	100	Horizontal	Pass
5**	5459.000	45.21	1.24	54.0	8.79	AV	118.00	100	Horizontal	Pass

U-NII-2C 11n40 High Channel



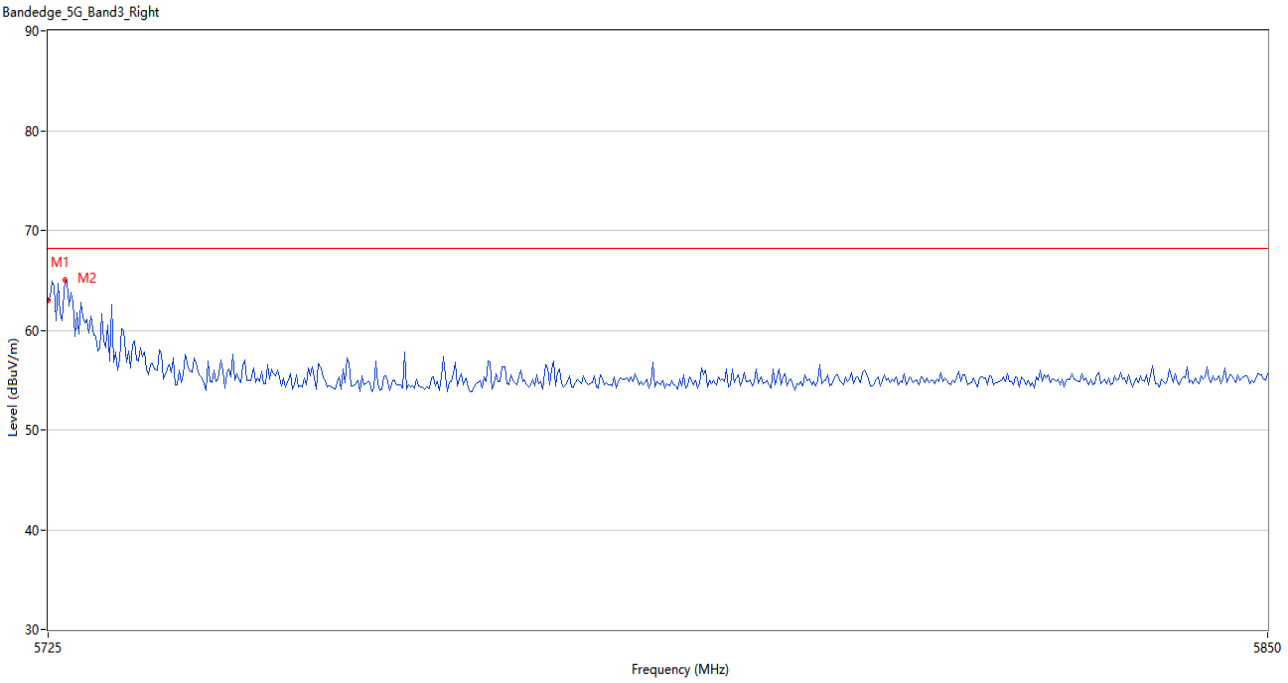
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.57	0.63	68.2	9.63	Peak	145.00	200	Horizontal	Pass
2	5739.167	59.47	0.66	68.2	8.73	Peak	154.00	200	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



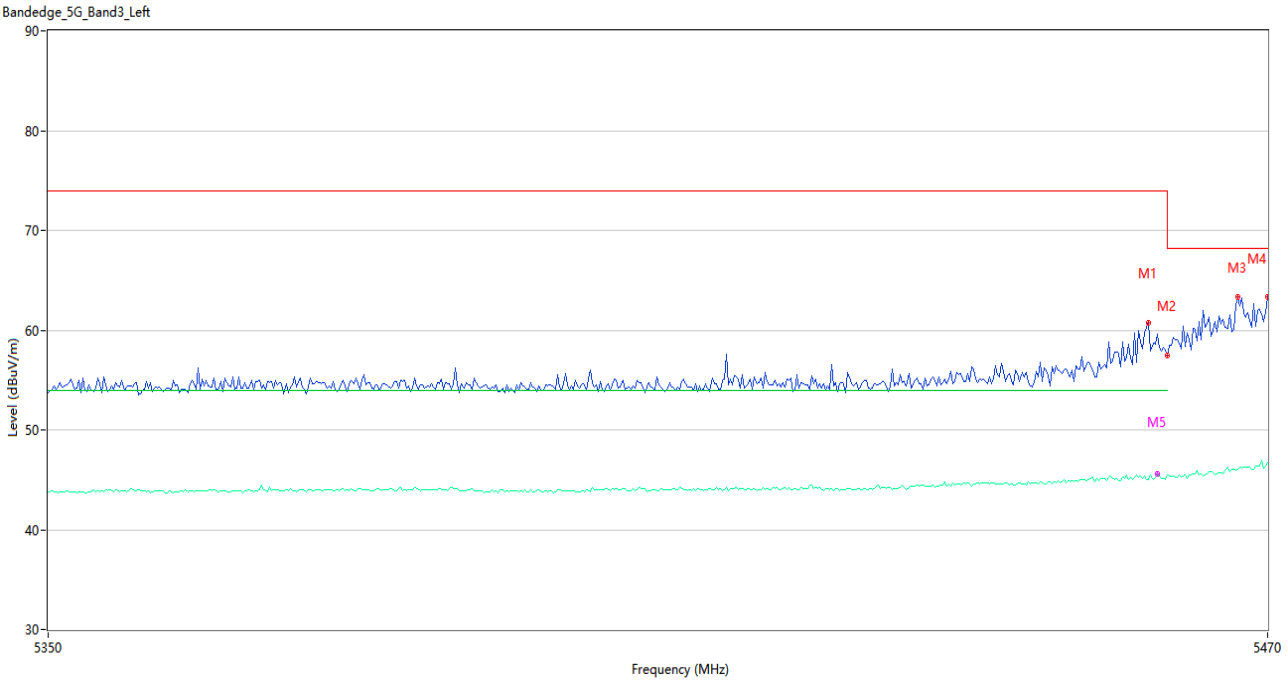
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5448.400	59.34	1.26	74.0	14.66	Peak	116.00	200	Horizontal	Pass
1**	5448.400	44.67	1.26	54.0	9.33	AV	116.00	200	Horizontal	Pass
2	5460.000	56.79	1.23	74.0	17.21	Peak	129.00	200	Horizontal	Pass
2**	5460.000	45.21	1.23	54.0	8.79	AV	129.00	200	Horizontal	Pass
3	5467.400	64.32	1.32	68.2	3.88	Peak	124.00	200	Horizontal	Pass
3**	5467.400	46.21	1.32	--	--	AV	124.00	200	Horizontal	N/A
4	5470.000	63.48	1.37	68.2	4.72	Peak	116.00	100	Horizontal	Pass
4**	5470.000	47.31	1.37	--	--	AV	116.00	100	Horizontal	N/A
5	5457.800	56.73	1.19	74.0	17.27	Peak	98.00	150	Horizontal	Pass
5**	5457.800	45.51	1.19	54.0	8.49	AV	98.00	150	Horizontal	Pass

U-NII-2C 11ac20 High Channel



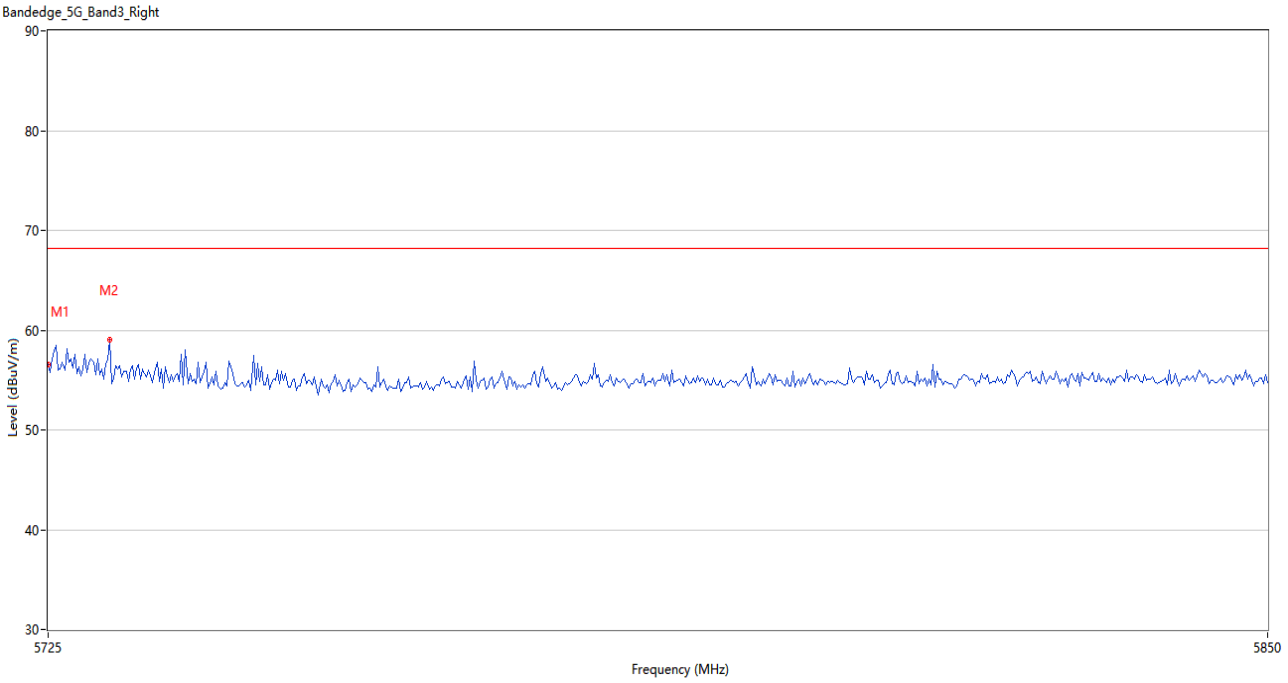
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.97	0.63	68.2	5.23	Peak	140.00	150	Horizontal	Pass
2	5726.667	64.97	0.65	68.2	3.23	Peak	163.00	100	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



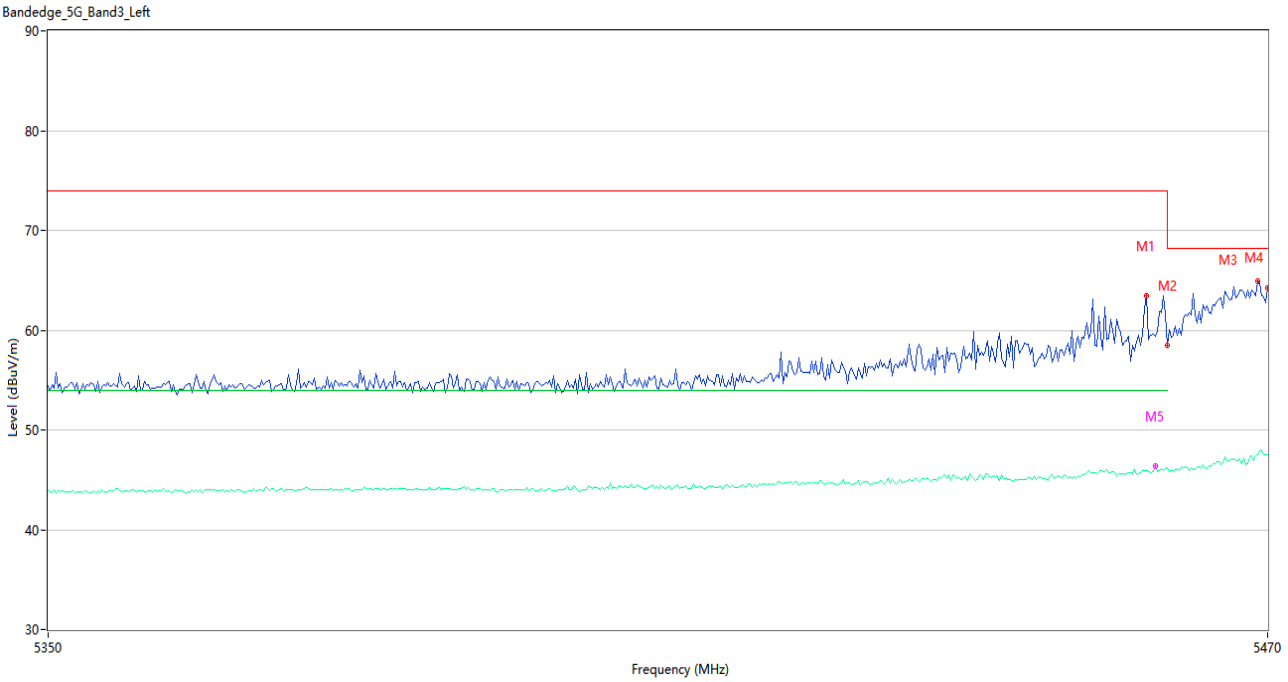
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.200	60.75	1.20	74.0	13.25	Peak	120.00	200	Horizontal	Pass
1**	5458.200	45.08	1.20	54.0	8.92	AV	120.00	200	Horizontal	Pass
2	5460.000	57.41	1.23	74.0	16.59	Peak	128.00	150	Horizontal	Pass
2**	5460.000	45.47	1.23	54.0	8.53	AV	128.00	150	Horizontal	Pass
3	5467.000	63.39	1.32	68.2	4.81	Peak	133.00	200	Horizontal	Pass
3**	5467.000	46.06	1.32	--	--	AV	133.00	200	Horizontal	N/A
4	5470.000	63.35	1.37	68.2	4.85	Peak	122.00	100	Horizontal	Pass
4**	5470.000	46.77	1.37	--	--	AV	122.00	100	Horizontal	N/A
5	5459.000	59.55	1.24	74.0	14.45	Peak	124.00	150	Horizontal	Pass
5**	5459.000	45.63	1.24	54.0	8.37	AV	124.00	150	Horizontal	Pass

U-NII-2C 11ac40 High Channel



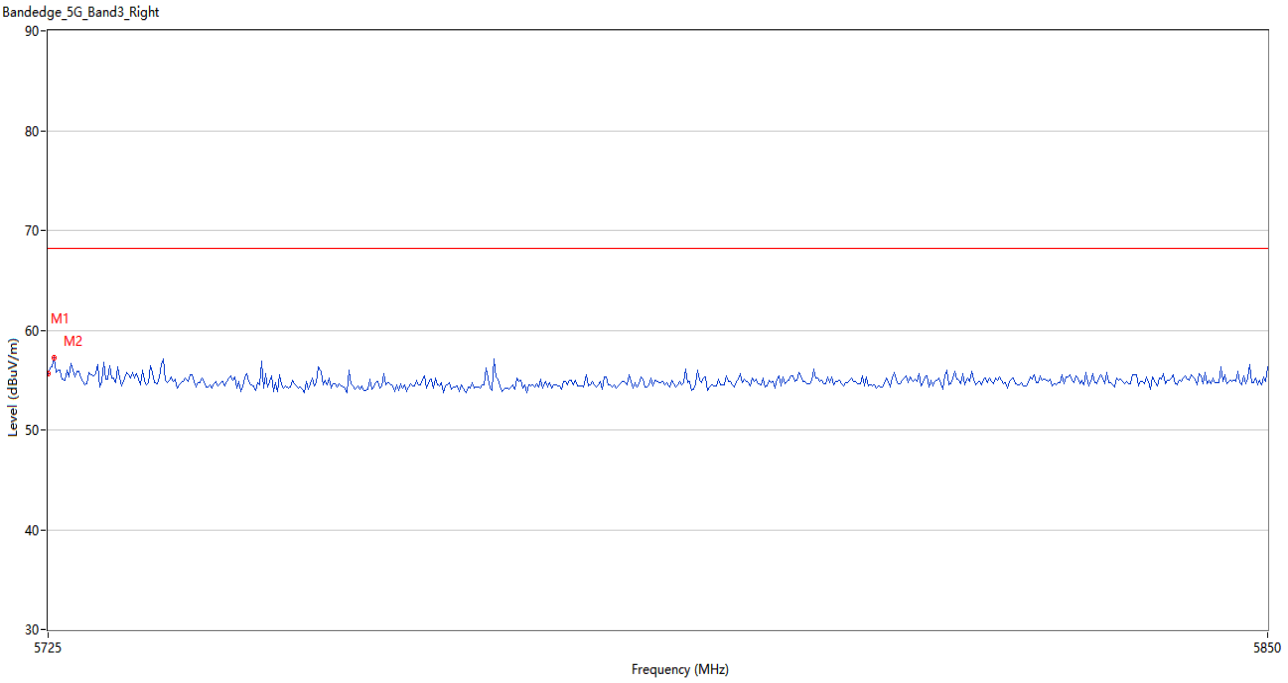
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.55	0.63	68.2	11.65	Peak	159.00	200	Horizontal	Pass
2	5731.250	59.00	0.57	68.2	9.20	Peak	162.00	100	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



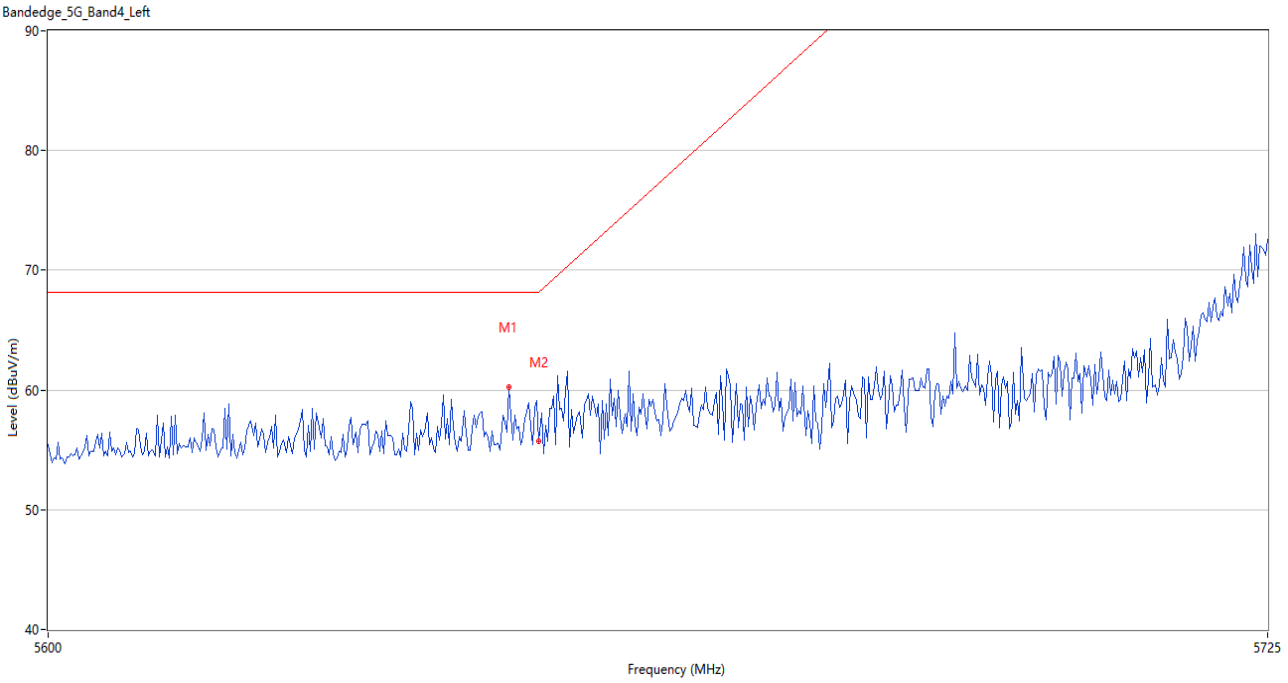
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.000	63.40	1.20	74.0	10.60	Peak	128.00	150	Horizontal	Pass
1**	5458.000	45.92	1.20	54.0	8.08	AV	128.00	150	Horizontal	Pass
2	5460.000	58.44	1.23	74.0	15.56	Peak	128.00	100	Horizontal	Pass
2**	5460.000	46.16	1.23	54.0	7.84	AV	128.00	100	Horizontal	Pass
3	5469.000	64.87	1.36	68.2	3.33	Peak	142.00	200	Horizontal	Pass
3**	5469.000	47.49	1.36	--	--	AV	142.00	200	Horizontal	N/A
4	5470.000	64.21	1.37	68.2	3.99	Peak	125.00	200	Horizontal	Pass
4**	5470.000	47.52	1.37	--	--	AV	125.00	200	Horizontal	N/A
5	5458.800	59.42	1.23	74.0	14.58	Peak	134.00	150	Horizontal	Pass
5**	5458.800	46.40	1.23	54.0	7.60	AV	134.00	150	Horizontal	Pass

U-NII-2C 11ac80 High Channel



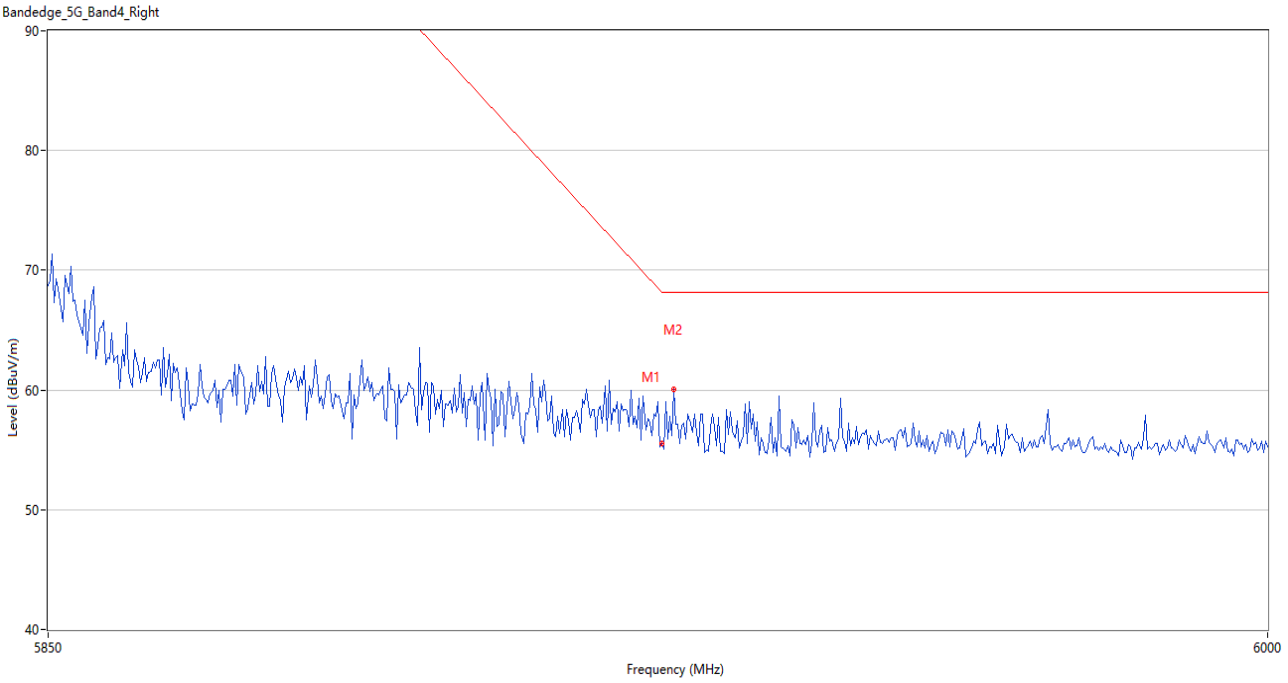
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.62	0.63	68.2	12.58	Peak	141.00	150	Horizontal	Pass
2	5725.625	57.25	0.64	68.2	10.95	Peak	169.00	100	Horizontal	Pass

U-NII-3 11a Low Channel



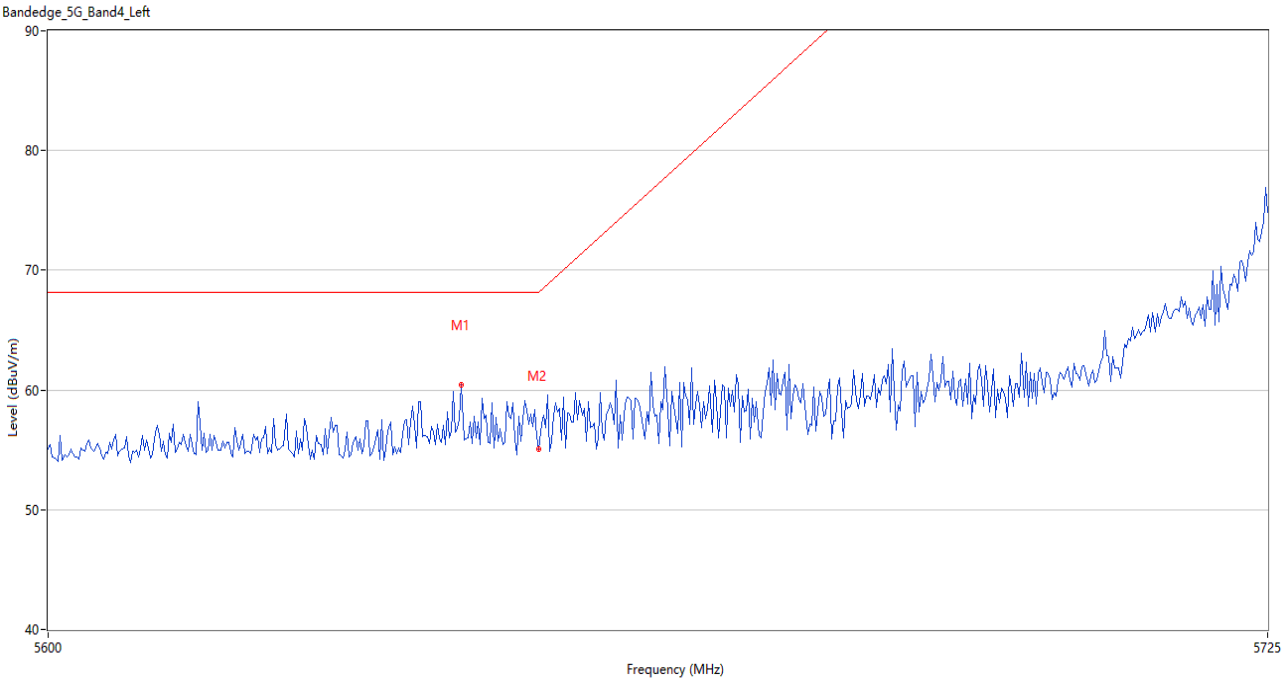
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.875	60.21	0.83	68.2	7.99	Peak	129.00	100	Horizontal	Pass
2	5650.000	55.75	0.79	68.2	12.45	Peak	133.00	200	Horizontal	Pass

U-NII-3 11a High Channel



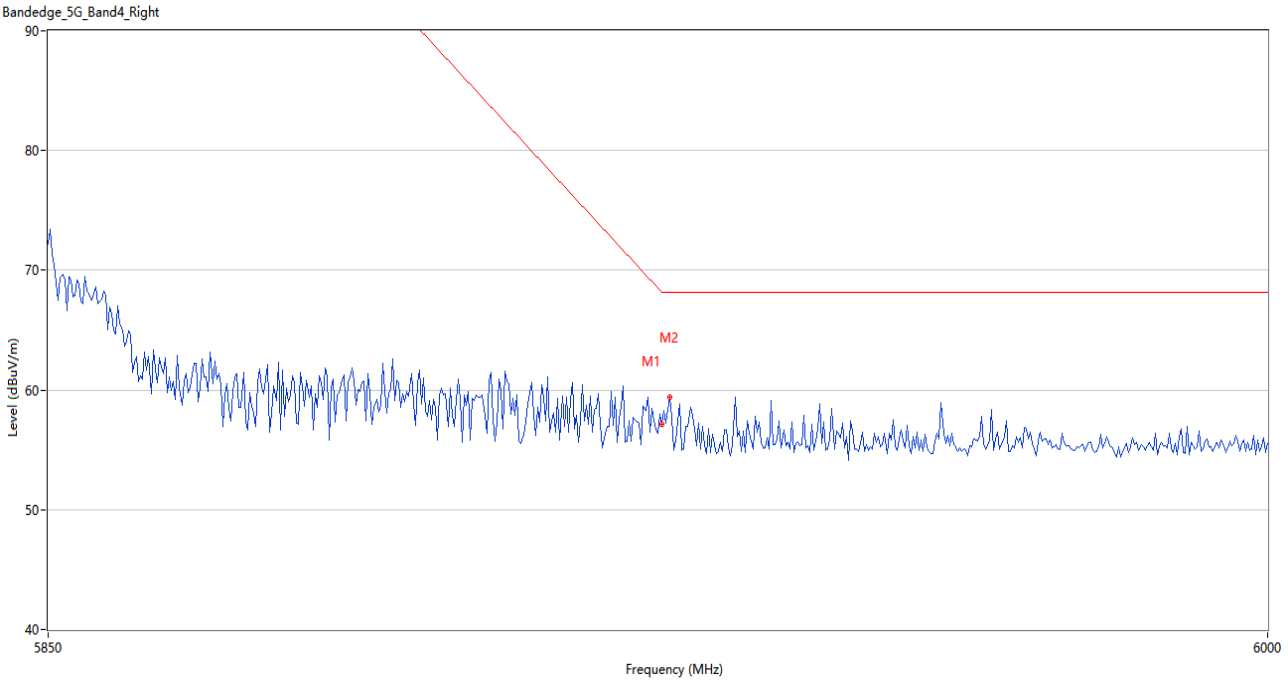
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.54	1.08	68.2	12.66	Peak	187.00	200	Horizontal	Pass
2	5926.500	60.09	0.96	68.2	8.11	Peak	159.00	100	Horizontal	Pass

U-NII-3 11n20 Low Channel



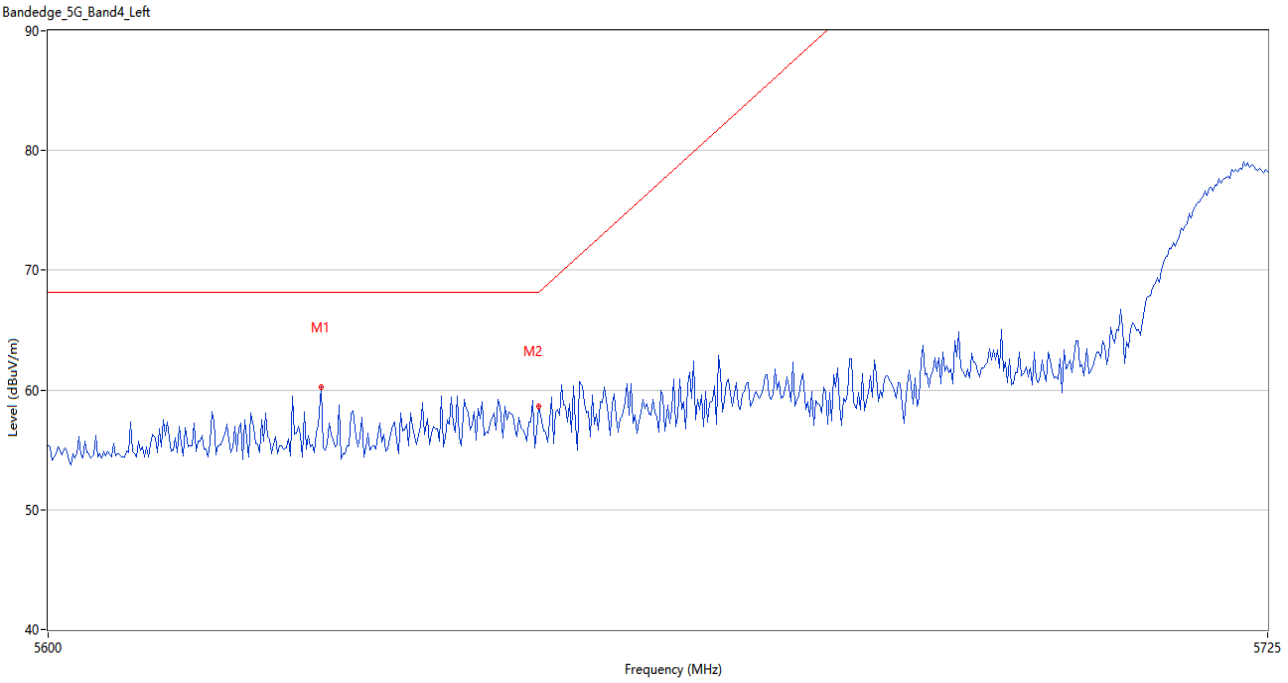
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.083	60.44	0.91	68.2	7.76	Peak	128.00	200	Horizontal	Pass
2	5650.000	55.03	0.79	68.2	13.17	Peak	166.00	200	Horizontal	Pass

U-NII-3 11n20 High Channel



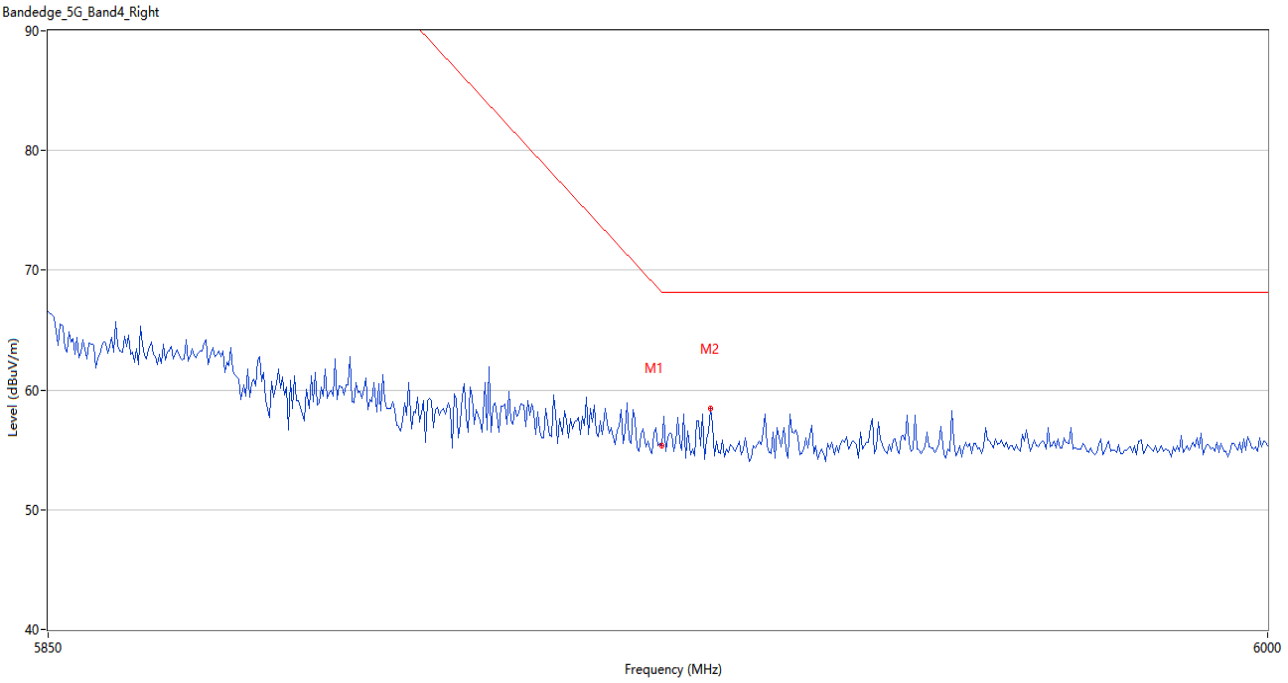
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.10	1.08	68.2	11.10	Peak	117.00	200	Horizontal	Pass
2	5926.000	59.39	1.00	68.2	8.81	Peak	165.00	100	Horizontal	Pass

U-NII-3 11n40 Low Channel



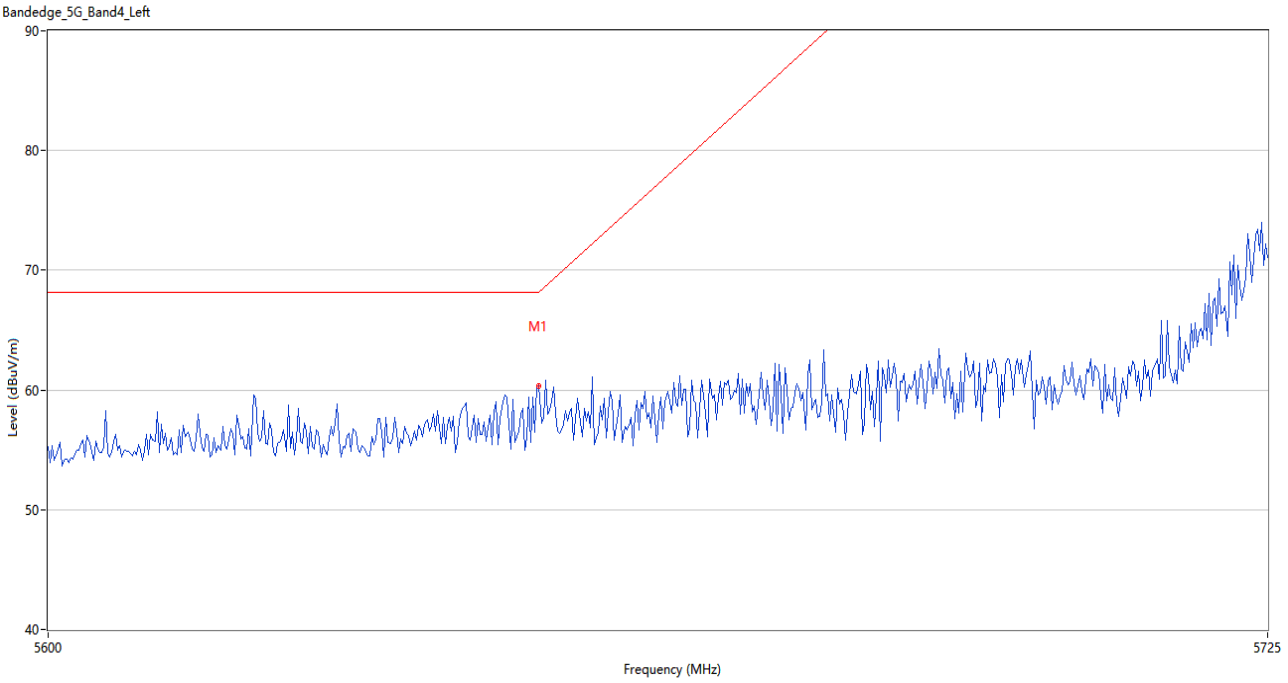
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5627.708	60.24	0.86	68.2	7.96	Peak	122.00	100	Horizontal	Pass
2	5650.000	58.68	0.79	68.2	9.52	Peak	146.00	100	Horizontal	Pass

U-NII-3 11n40 High Channel



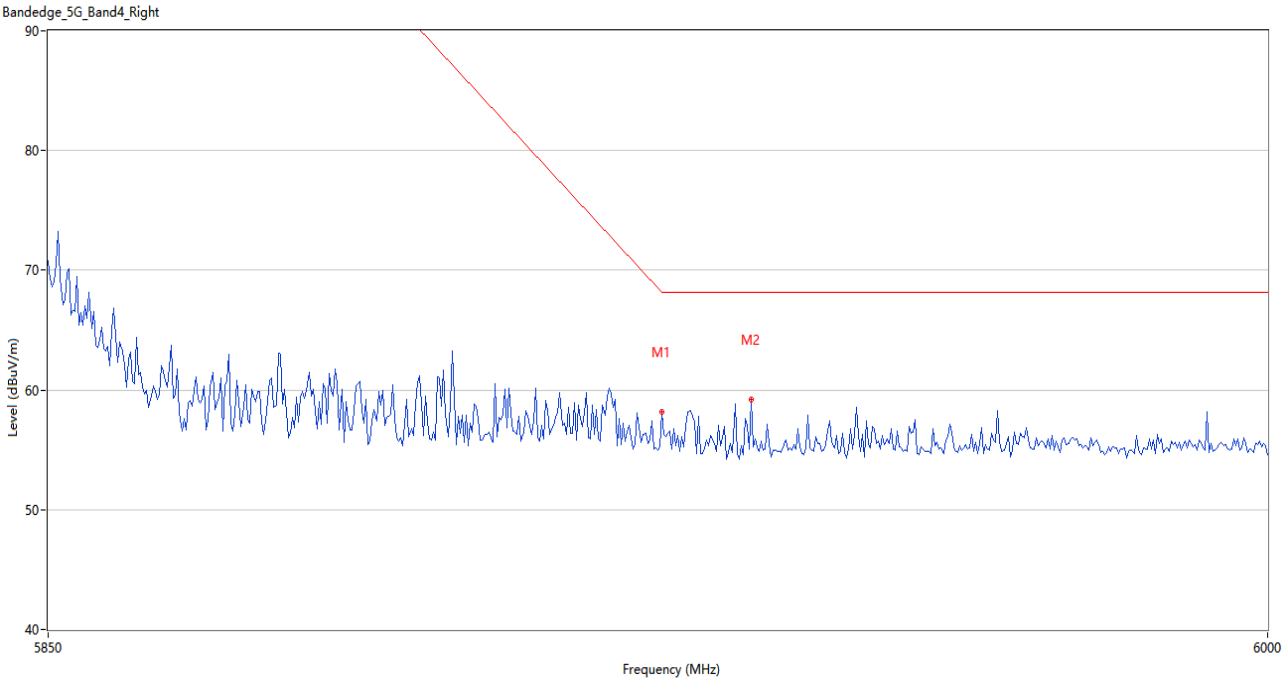
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.33	1.08	68.2	12.87	Peak	303.00	100	Horizontal	Pass
2	5931.000	58.44	0.89	68.2	9.76	Peak	158.00	100	Horizontal	Pass

U-NII-3 11ac20 Low Channel



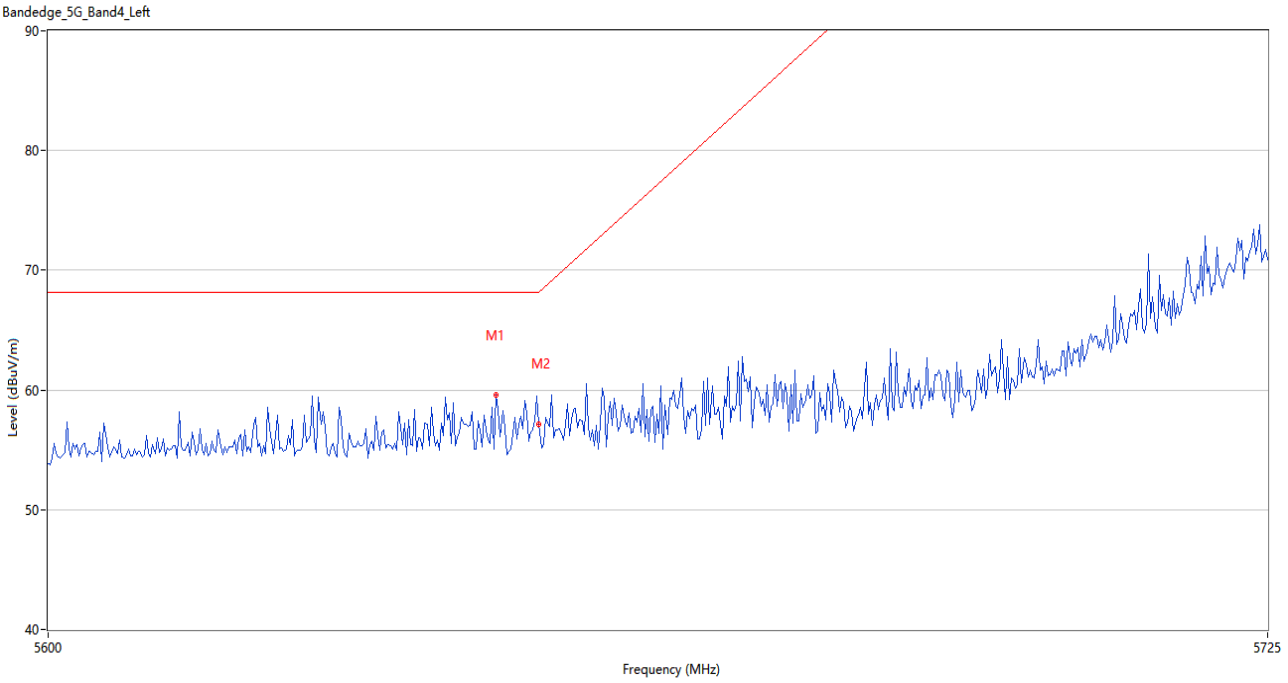
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	60.37	0.79	68.2	7.83	Peak	114.00	200	Horizontal	Pass

U-NII-3 11ac20 High Channel



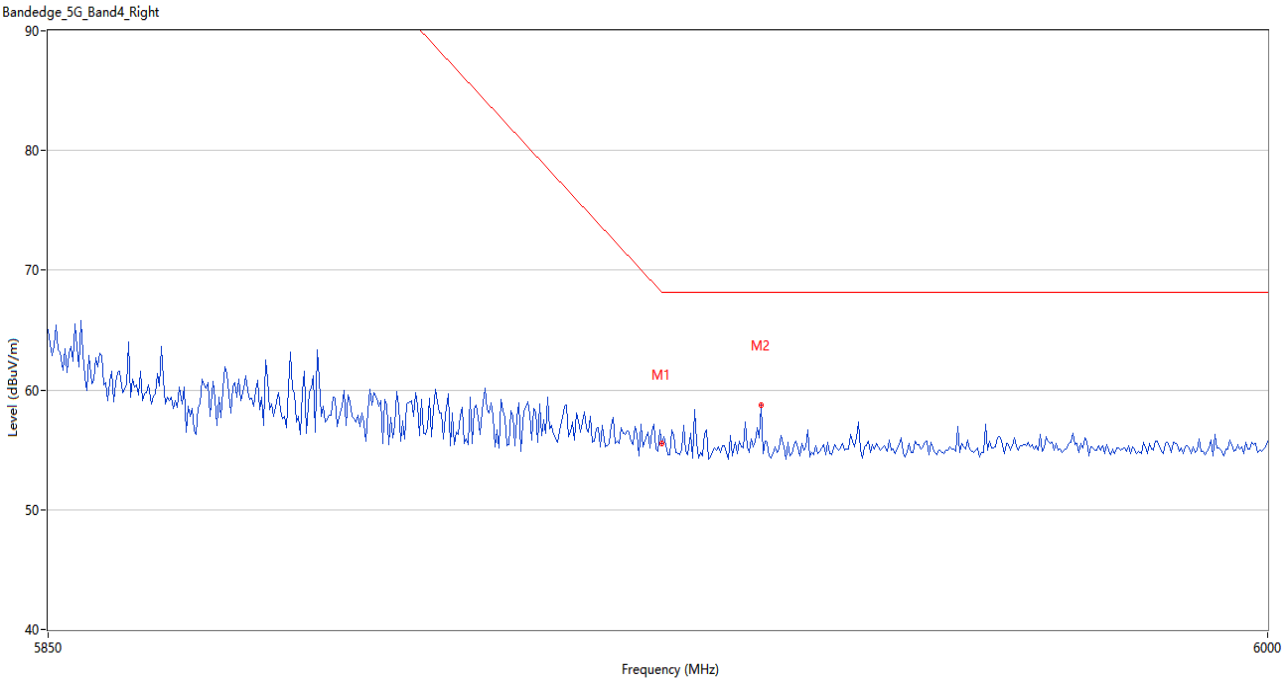
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.16	1.08	68.2	10.04	Peak	153.00	200	Horizontal	Pass
2	5936.000	59.21	0.94	68.2	8.99	Peak	162.00	200	Horizontal	Pass

U-NII-3 11ac40 Low Channel



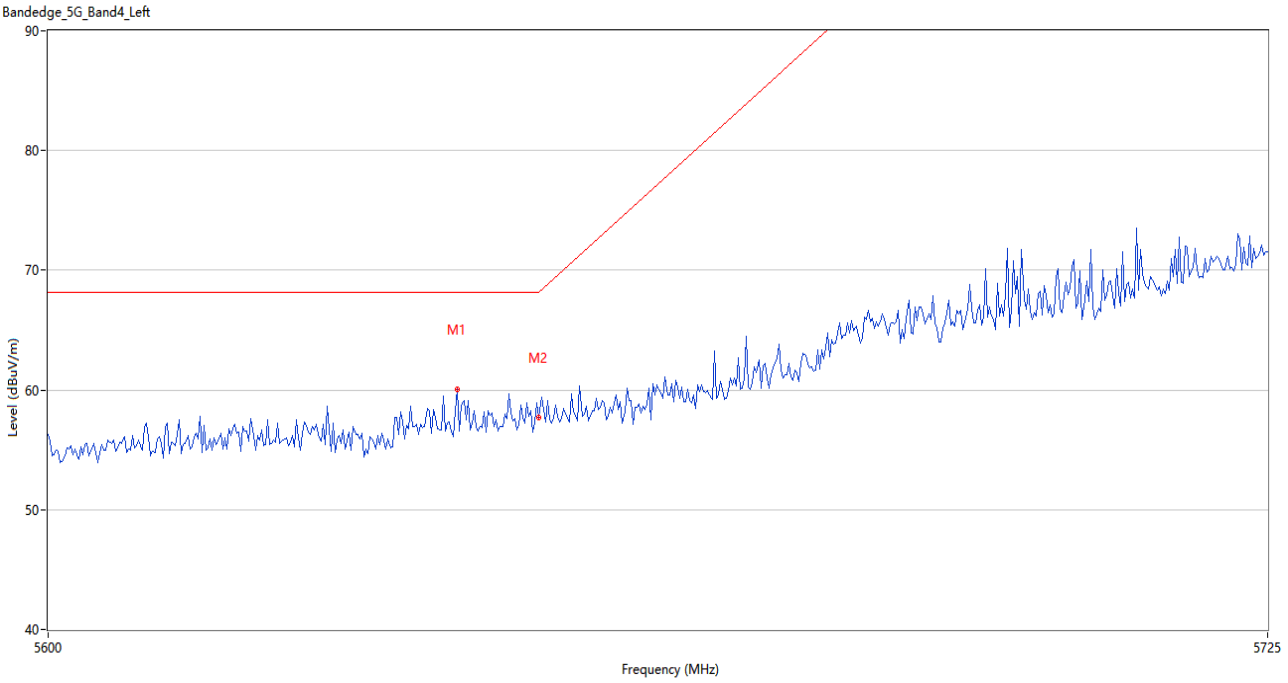
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.625	59.61	0.87	68.2	8.59	Peak	151.00	100	Horizontal	Pass
2	5650.000	57.09	0.79	68.2	11.11	Peak	101.00	100	Horizontal	Pass

U-NII-3 11ac40 High Channel



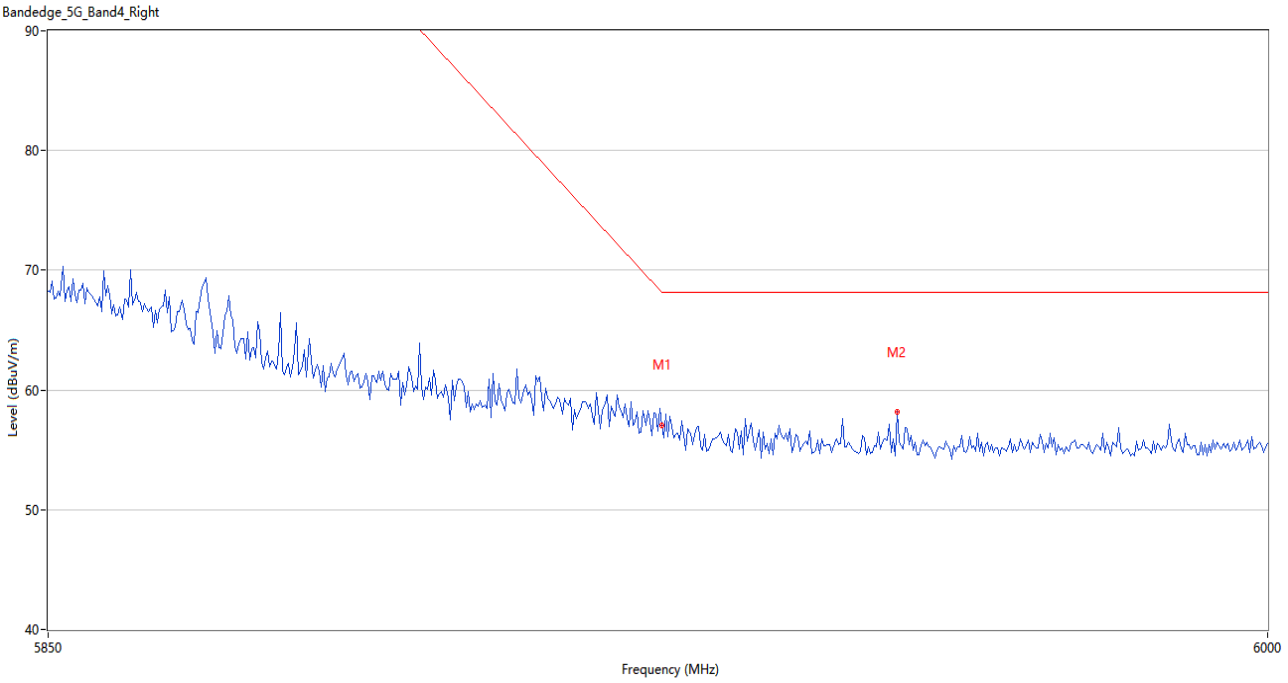
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.53	1.08	68.2	12.67	Peak	159.00	100	Horizontal	Pass
2	5937.250	58.74	0.90	68.2	9.46	Peak	166.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5641.667	60.07	0.91	68.2	8.13	Peak	130.00	200	Horizontal	Pass
2	5650.000	57.67	0.79	68.2	10.53	Peak	130.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.03	1.08	68.2	11.17	Peak	133.00	200	Horizontal	Pass
2	5954.000	58.20	1.05	68.2	10.00	Peak	158.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2480158-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2480158-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2480158-AI.PDF”.

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