TEST REPORT

Applicant:	Shenzhen Tinno Mobile Technology Corp
Address:	27-001, South side of Tianlong mobile HQ Building, Tongfa South Road, Xili Street, Nanshan District, Shenzhen, Guangdong Province, 518000, China
Equipment Type:	onn. 8" Tablet
Model Name:	TBVAN100135923 (refer to section 2.3)
Brand Name:	onn.
FCC ID:	XD6WM2308T
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	Jan. 03, 2024
Test Date:	Jan. 05, 2024 - Jan. 19, 2024
Date of Issue:	Jan. 24, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Si Xiao **Checked by:** Ye Hongji **Approved by:** Liao Jianming (Technical Director)

Revision History

Version	Issue Date	Revisions
Rev. 01	Jan. 24, 2024	Initial Issue

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Shenzhen Tinno Mobile Technology Corp
Address	27-001, South side of Tianlong mobile HQ Building, Tongfa South Road, Xili Street, Nanshan District, Shenzhen, Guangdong Province, 518000, China

2.2 Manufacturer Information

Manufacturer	Shenzhen Tinno Mobile Technology Corp
Address	27-001, South side of Tianlong mobile HQ Building, Tongfa South Road, Xili Street, Nanshan District, Shenzhen, Guangdong Province, 518000, China

2.3 General Description for Equipment under Test (EUT)

EUT Name	onn. 8" Tablet
Model Name Under Test	TBVAN100135923
Series Model Name	TBPPY100135923, TBLVD100135923, TBIND100135923
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in model name and color. (this information provided by the applicant)
Hardware Version	V1.0
Software Version	T302AA_DVT_14.0_64B_FTM_07.00_00
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac (VHT20/40/80) U-NII-1/2A/2C/3, GPS

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: 17.30 mW U-NII-2A: 17.38mW U-NII-2C: 13.65 mW U-NII-3: 17.66 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	IFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: -0.65 dBi U-NII-2A: 5250 MHz to 5350 MHz: -0.60 dBi U-NII-2C: 5470 MHz to 5725 MHz: -0.50 dBi U-NII-3: 5725 MHz to 5850 MHz: -0.70 dBi
About the Product	The equipment is onn. 8" Tablet, intended for used with information technology equipment.

2.5 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	**5180**	**38**	**5190**	**42**	**5210**
40	5200	**46**	**5230**	**58**	**5290**
44	**5220**	**54**	**5270**	**106**	**5530**
48	**5240**	**62**	**5310**	122	5610
52	**5260**	**102**	**5510**	**138**	**5690**
56	5280	110	5550	**155**	**5775**
60	**5300**	**118**	**5590**		
64	**5320**	126	5630		
100	**5500**	**134**	**5670**		
104	5520	**142**	**5710**		
108	5540	**151**	**5755**		
112	5560	**159**	**5795**		
116	**5580**				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	**5700**				
144	**5720**				
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	144	--	5720
116	Mid	5580	149	Low	5745
140	High	5700	157	Mid	5785
144	--	5720	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	142	--	5710
118	Mid	5590	151	Low	5755
134	High	5670	159	High	5795
142	--	5710			

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	138	--	5690

122	High	5610	155	Mid	5775
138	--	5690			

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	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149/144
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149/144
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151/142
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149/144
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151/142
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155/138
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Band Edge (Restricted-band)	11a	6	BPSK	48/36	64/52	144/140/100	165/149/144
	11n(20 MHz)	6.5		48/36	64/52	144/140/100	165/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/102	159/151/142

	11ac(20 MHz)	6.5		48/36	64/52	144/140/100	165/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	47% to 64%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.8℃ to +24.3℃
	LT (Low Temperature)	+0.0℃
	HT (High Temperature)	+35.0℃
Working Voltage of the EUT	NV (Normal Voltage)	3.80 V
	LV (Low Voltage)	3.45 V
	HV (High Voltage)	4.35 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2023.07.25	2024.07.24
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2023.05.16	2024.05.15
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2023.09.05	2024.09.04
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2023.06.19	2024.06.18
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2021.05.20	2024.05.19
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2022.02.19	2024.08.15
Amplifier	COM-MV	LSCX_LNA 1-12G-01	7210214	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	Agilent	N9038A	MY55330120	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-00867	2022.04.12	2025.04.11
Amplifier	COM-MV	ZT30-1000M	B2017119081	2023.12.05	2024.12.04
Anechoic Chamber	YiHeng	9m*6m*6m	142	2021.08.19	2024.08.18
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2023.05.16	2024.05.15
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m* 2.8m	112	2022.02.19	2025.02.18
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2024.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

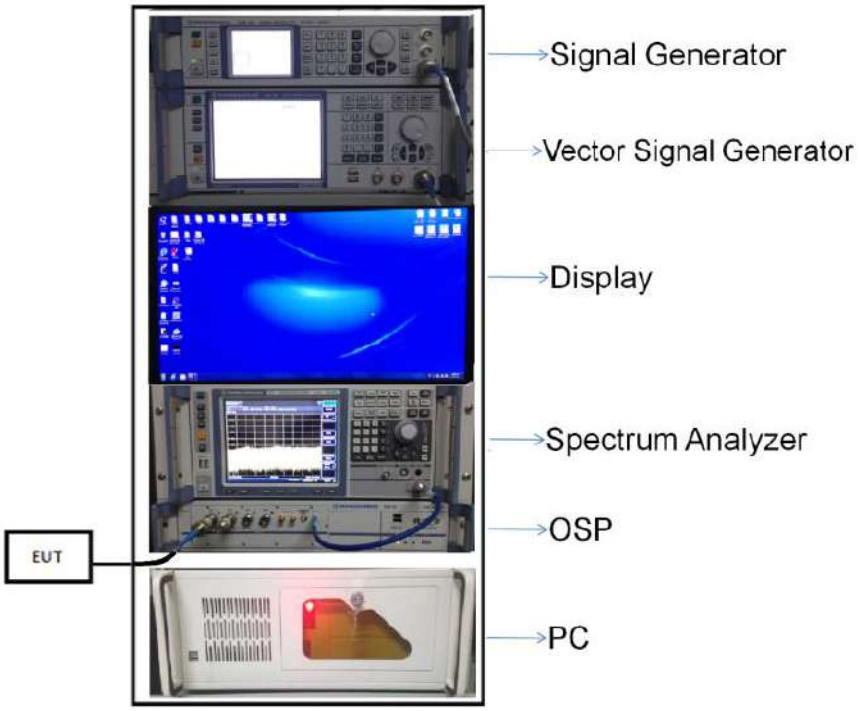
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

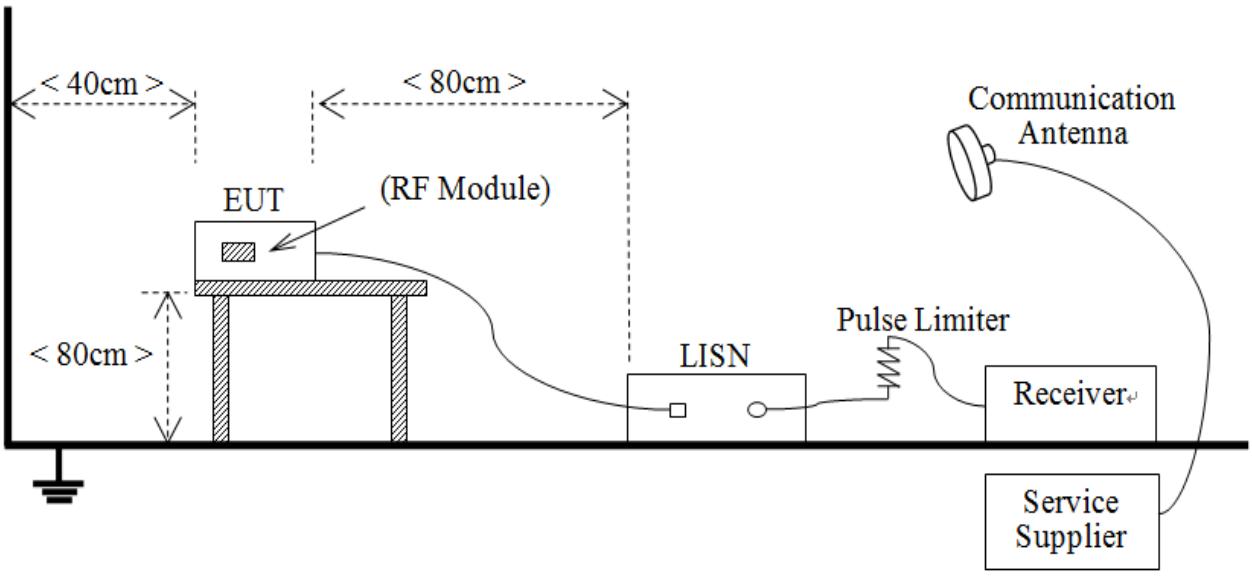
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

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



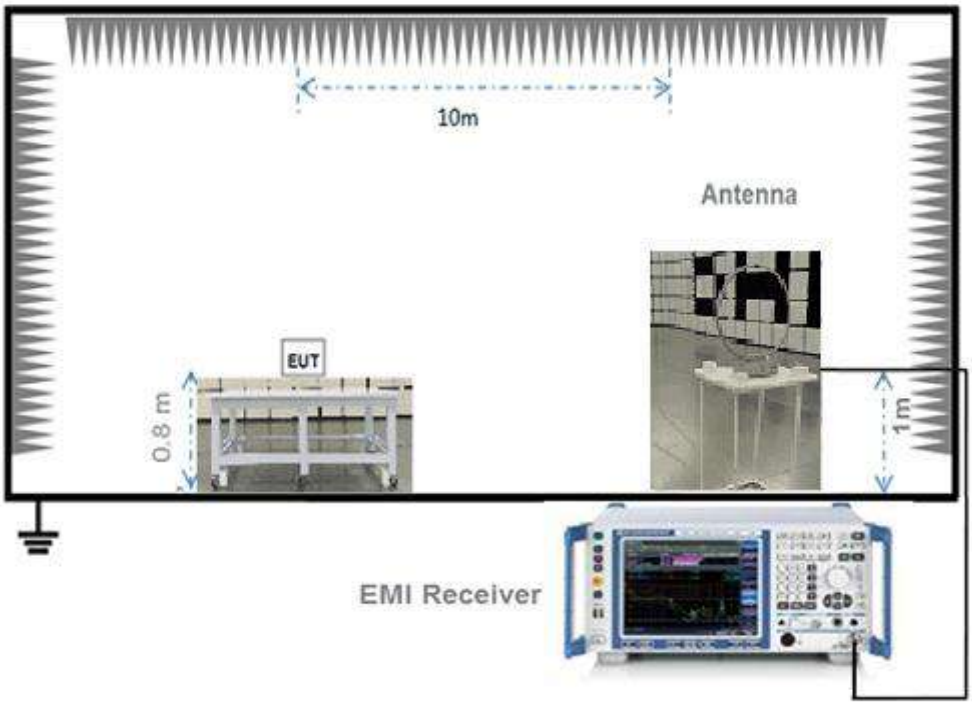
(Diagram 1)

4.5.2 For AC Power Supply Port Test



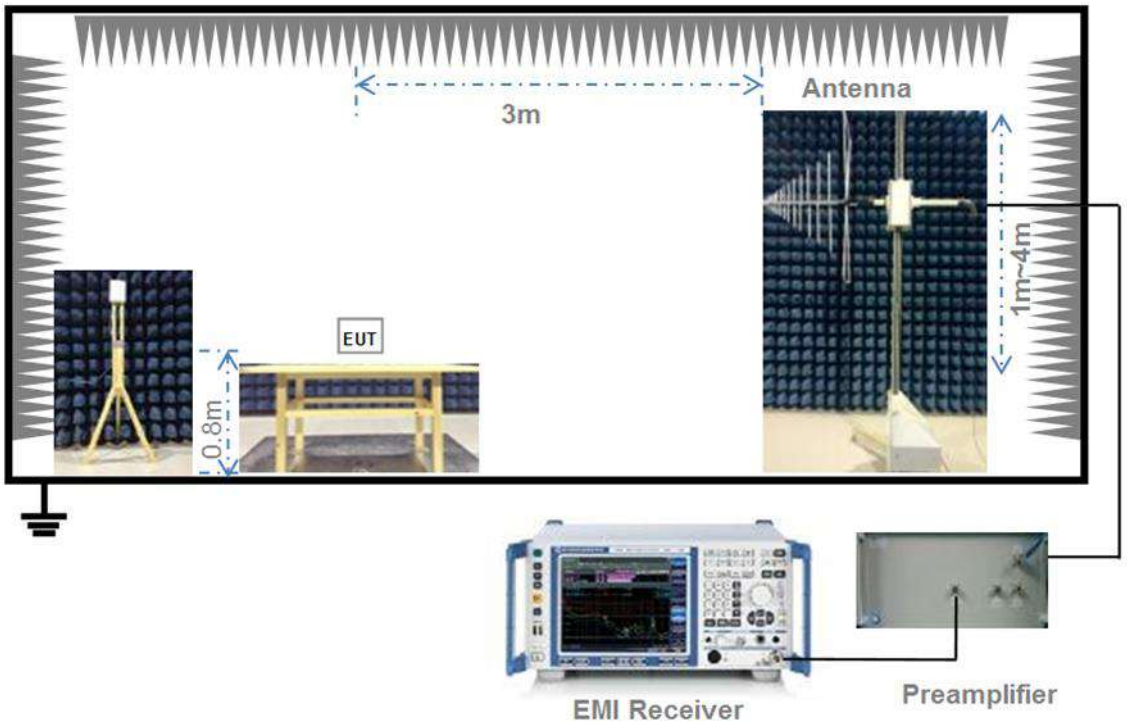
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



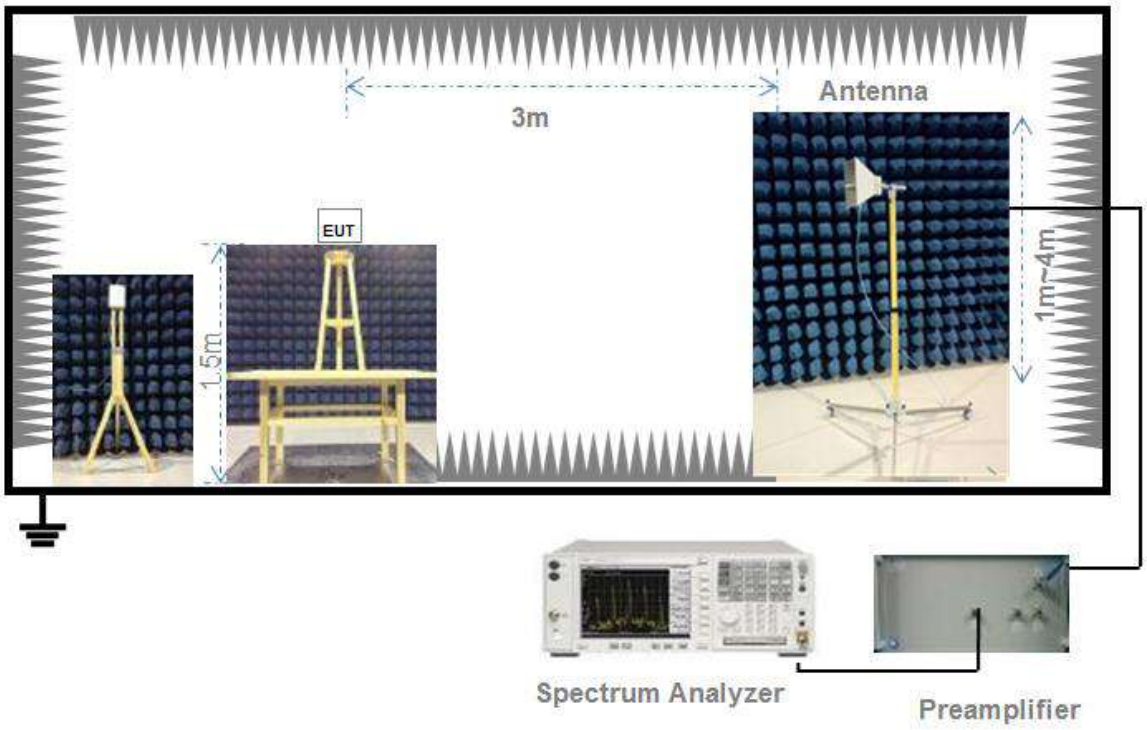
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

The maximum peak conducted output power may be measured using a broadband Average RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the emission bandwidth and utilize a fast-responding diode detector.

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

2. Set VBW ≥ 3*RBW,

3. Detector = Peak.

4. Trace mode = Max hold.

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

Occupied Bandwidth

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

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

3. Set VBW ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

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

6 dB bandwidth

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

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

3. Allow the trace to stabilize.

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

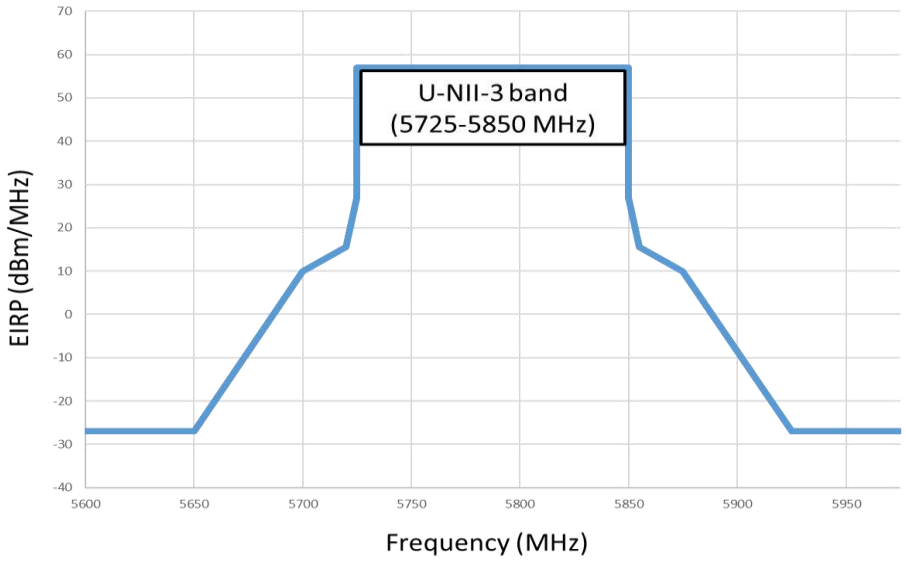
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

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

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

E = EIRP – 20log D + 104.8

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

a) RBW = as specified in Table 1.

b) VBW ≥ 3 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

d) VBW ≥ 3 x RBW.

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

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

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

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

g) Sweep time = auto.

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

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

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note [1]: For FCC standard, if transmitting antennas of directional gain greater than 6 dBi are used, all band maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note [2] : The Conducted Power has considered the Duty Factor.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.39	1.44	96.66%	0.15
11n (HT20)/11ac (VHT20)	1.31	1.35	96.97%	0.13
11n (HT40)/11ac (VHT40)	0.65	0.70	92.99%	0.32
11ac (VHT80)	0.32	0.37	87.57%	0.58

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	12.38	17.30	250	Pass
11a	CH44	12.22	16.67	250	Pass
11a	CH48	12.36	17.22	250	Pass
11n (HT20)	CH36	12.33	17.10	250	Pass
11n (HT20)	CH44	12.29	16.94	250	Pass
11n (HT20)	CH48	12.30	16.98	250	Pass
11n (HT40)	CH38	12.23	16.71	250	Pass
11n (HT40)	CH46	12.29	16.94	250	Pass
11ac (VHT20)	CH36	12.33	17.10	250	Pass
11ac (VHT20)	CH44	12.26	16.83	250	Pass
11ac (VHT20)	CH48	12.36	17.22	250	Pass
11ac (VHT40)	CH38	12.15	16.41	250	Pass
11ac (VHT40)	CH46	12.18	16.52	250	Pass
11ac (VHT80)	CH42	11.50	14.13	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	12.05	16.03	250	Pass
11a	CH60	12.10	16.22	250	Pass
11a	CH64	12.08	16.14	250	Pass
11n (HT20)	CH52	12.31	17.02	250	Pass
11n (HT20)	CH60	11.91	15.52	250	Pass
11n (HT20)	CH64	11.84	15.28	250	Pass
11n (HT40)	CH54	12.34	17.14	250	Pass
11n (HT40)	CH62	12.40	17.38	250	Pass
11ac (VHT20)	CH52	12.35	17.18	250	Pass
11ac (VHT20)	CH60	11.94	15.63	250	Pass
11ac (VHT20)	CH64	11.91	15.52	250	Pass
11ac (VHT40)	CH54	12.20	16.60	250	Pass
11ac (VHT40)	CH62	12.35	17.18	250	Pass
11ac (VHT80)	CH58	11.62	14.52	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	11.07	12.79	250	Pass
11a	CH116	11.24	13.30	250	Pass
11a	CH140	11.18	13.12	250	Pass
11n (HT20)	CH100	11.24	13.30	250	Pass
11n (HT20)	CH116	11.35	13.65	250	Pass
11n (HT20)	CH140	11.24	13.30	250	Pass
11n (HT40)	CH102	11.22	13.24	250	Pass
11n (HT40)	CH118	11.25	13.34	250	Pass
11n (HT40)	CH134	11.11	12.91	250	Pass
11ac (VHT20)	CH100	11.19	13.15	250	Pass
11ac (VHT20)	CH116	11.32	13.55	250	Pass
11ac (VHT20)	CH140	11.25	13.34	250	Pass
11ac (VHT40)	CH102	11.25	13.34	250	Pass
11ac (VHT40)	CH118	11.33	13.58	250	Pass
11ac (VHT40)	CH134	11.15	13.03	250	Pass
11ac (VHT80)	CH106	10.12	10.28	250	Pass
11ac (VHT80)	CH122	9.97	9.93	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	11.98	15.78	1000	Pass
11a	CH157	12.01	15.89	1000	Pass
11a	CH165	12.11	16.26	1000	Pass
11n (HT20)	CH149	12.47	17.66	1000	Pass
11n (HT20)	CH157	12.44	17.54	1000	Pass
11n (HT20)	CH165	12.38	17.30	1000	Pass
11n (HT40)	CH151	12.29	16.94	1000	Pass
11n (HT40)	CH159	12.26	16.83	1000	Pass
11ac (VHT20)	CH149	12.36	17.22	1000	Pass
11ac (VHT20)	CH157	12.44	17.54	1000	Pass
11ac (VHT20)	CH165	12.42	17.46	1000	Pass
11ac (VHT40)	CH151	12.26	16.83	1000	Pass
11ac (VHT40)	CH159	12.23	16.71	1000	Pass
11ac (VHT80)	CH155	11.53	14.22	1000	Pass

U-NII-2C straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	11.22	13.24	189	Pass
11n (HT20)	CH144	11.48	14.06	191	Pass
11n (HT40)	CH142	11.88	15.42	250	Pass
11ac (VHT20)	CH144	11.47	14.03	191	Pass
11ac (VHT40)	CH142	11.90	15.49	250	Pass
11ac (VHT80)	CH138	11.28	13.43	250	Pass

U-NII-3 straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	3.56	2.27	1000	Pass
11n (HT20)	CH144	4.31	2.70	1000	Pass
11n (HT40)	CH142	-0.76	0.84	1000	Pass
11ac (VHT20)	CH144	4.27	2.67	1000	Pass
11ac (VHT40)	CH142	-0.71	0.85	1000	Pass
11ac (VHT80)	CH138	-4.89	0.32	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ23C0902-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.15	16.49
11a	CH44	20.10	16.48
11a	CH48	20.10	16.51
11n (HT20)	CH36	20.32	17.59
11n (HT20)	CH44	20.37	17.58
11n (HT20)	CH48	20.37	17.59
11n (HT40)	CH38	40.83	36.06
11n (HT40)	CH46	40.81	36.03
11ac (VHT20)	CH36	20.39	17.57
11ac (VHT20)	CH44	20.33	17.58
11ac (VHT20)	CH48	20.33	17.58
11ac (VHT40)	CH38	40.41	36.05
11ac (VHT40)	CH46	40.49	36.04
11ac (VHT80)	CH42	81.16	75.36

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.14	16.50
11a	CH60	20.16	16.51
11a	CH64	20.07	16.50
11n (HT20)	CH52	20.37	17.58
11n (HT20)	CH60	20.36	17.59
11n (HT20)	CH64	20.37	17.59
11n (HT40)	CH54	40.56	36.05
11n (HT40)	CH62	40.48	36.04
11ac (VHT20)	CH52	20.34	17.58
11ac (VHT20)	CH60	20.43	17.58
11ac (VHT20)	CH64	20.41	17.59
11ac (VHT40)	CH54	40.73	36.02
11ac (VHT40)	CH62	40.70	36.03
11ac (VHT80)	CH58	81.06	75.44

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.01	16.50
11a	CH116	20.16	16.51
11a	CH140	20.22	16.50
11n (HT20)	CH100	20.32	17.57
11n (HT20)	CH116	20.33	17.58
11n (HT20)	CH140	20.39	17.59
11n (HT40)	CH102	40.69	36.06
11n (HT40)	CH118	40.59	36.06
11n (HT40)	CH134	40.68	36.07
11ac (VHT20)	CH100	20.45	17.58
11ac (VHT20)	CH116	20.38	17.59
11ac (VHT20)	CH140	20.39	17.60
11ac (VHT40)	CH102	40.59	36.06
11ac (VHT40)	CH118	40.61	36.04
11ac (VHT40)	CH134	40.55	36.06
11ac (VHT80)	CH106	81.12	75.40
11ac (VHT80)	CH122	81.10	75.54

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.07	16.50
11a	CH157	19.98	16.51
11a	CH165	20.06	16.52
11n (HT20)	CH149	20.34	17.58
11n (HT20)	CH157	20.29	17.59
11n (HT20)	CH165	20.44	17.58
11n (HT40)	CH151	40.44	36.04
11n (HT40)	CH159	40.42	36.06
11ac (VHT20)	CH149	20.38	17.58
11ac (VHT20)	CH157	20.44	17.58
11ac (VHT20)	CH165	20.33	17.59
11ac (VHT40)	CH151	40.75	36.04
11ac (VHT40)	CH159	40.60	36.08
11ac (VHT80)	CH155	81.08	75.40

U-NII-2C straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	15.00	13.30
11n (HT20)	CH144	15.20	13.80
11n (HT40)	CH142	35.40	33.10
11ac (VHT20)	CH144	15.20	13.80
11ac (VHT40)	CH142	35.30	33.10
11ac (VHT80)	CH138	75.60	72.80

U-NII-3 straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	5.10	3.20
11n (HT20)	CH144	5.10	3.80
11n (HT40)	CH142	5.40	3.00
11ac (VHT20)	CH144	5.20	3.80
11ac (VHT40)	CH142	5.20	3.00
11ac (VHT80)	CH138	5.60	2.70

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ23C0902-604 Data Part 2.pdf”.

Test Data

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

U-NII-3 straddle channel				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH144	11.45	500.00	Pass
11n (HT20)	CH144	11.45	500.00	Pass
11n (HT40)	CH142	17.70	500.00	Pass
11ac (VHT20)	CH144	11.45	500.00	Pass
11ac (VHT40)	CH142	17.70	500.00	Pass
11ac (VHT80)	CH138	42.70	500.00	Pass

A.4 Power Spectral Density

Note [1]: Test plots please refer to the document “Annex No.: BL-SZ23C0902-604 Data Part 3.pdf”.

Note [2]: The PSD has considered the Duty Factor.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	1.25	11.00	Pass
11a	CH44	1.76	11.00	Pass
11a	CH48	1.49	11.00	Pass
11n (HT20)	CH36	1.52	11.00	Pass
11n (HT20)	CH44	1.75	11.00	Pass
11n (HT20)	CH48	1.65	11.00	Pass
11n (HT40)	CH38	-1.23	11.00	Pass
11n (HT40)	CH46	-1.53	11.00	Pass
11ac (VHT20)	CH36	1.83	11.00	Pass
11ac (VHT20)	CH44	1.67	11.00	Pass
11ac (VHT20)	CH48	1.55	11.00	Pass
11ac (VHT40)	CH38	-1.00	11.00	Pass
11ac (VHT40)	CH46	-1.35	11.00	Pass
11ac (VHT80)	CH42	-5.08	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	1.98	11.00	Pass
11a	CH60	1.50	11.00	Pass
11a	CH64	1.88	11.00	Pass
11n (HT20)	CH52	1.32	11.00	Pass
11n (HT20)	CH60	1.59	11.00	Pass
11n (HT20)	CH64	1.46	11.00	Pass
11n (HT40)	CH54	-1.67	11.00	Pass
11n (HT40)	CH62	-1.47	11.00	Pass
11ac (VHT20)	CH52	1.48	11.00	Pass
11ac (VHT20)	CH60	1.50	11.00	Pass
11ac (VHT20)	CH64	1.63	11.00	Pass
11ac (VHT40)	CH54	-0.96	11.00	Pass
11ac (VHT40)	CH62	-0.90	11.00	Pass
11ac (VHT80)	CH58	-5.29	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	0.20	11.00	Pass
11a	CH116	0.73	11.00	Pass
11a	CH140	0.66	11.00	Pass
11n (HT20)	CH100	0.52	11.00	Pass
11n (HT20)	CH116	0.35	11.00	Pass
11n (HT20)	CH140	0.21	11.00	Pass
11n (HT40)	CH102	-2.55	11.00	Pass
11n (HT40)	CH118	-2.47	11.00	Pass
11n (HT40)	CH134	-2.73	11.00	Pass
11ac (VHT20)	CH100	0.38	11.00	Pass
11ac (VHT20)	CH116	0.30	11.00	Pass
11ac (VHT20)	CH140	0.22	11.00	Pass
11ac (VHT40)	CH102	-2.48	11.00	Pass
11ac (VHT40)	CH118	-2.66	11.00	Pass
11ac (VHT40)	CH134	-2.78	11.00	Pass
11ac (VHT80)	CH106	-6.87	11.00	Pass
11ac (VHT80)	CH122	-6.94	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-2.09	30.00	Pass
11a	CH157	-2.24	30.00	Pass
11a	CH165	-2.20	30.00	Pass
11n (HT20)	CH149	-1.66	30.00	Pass
11n (HT20)	CH157	-1.89	30.00	Pass
11n (HT20)	CH165	-1.75	30.00	Pass
11n (HT40)	CH151	-4.90	30.00	Pass
11n (HT40)	CH159	-4.81	30.00	Pass
11ac (VHT20)	CH149	-1.64	30.00	Pass
11ac (VHT20)	CH157	-1.78	30.00	Pass
11ac (VHT20)	CH165	-1.96	30.00	Pass
11ac (VHT40)	CH151	-4.78	30.00	Pass
11ac (VHT40)	CH159	-4.97	30.00	Pass
11ac (VHT80)	CH155	-8.61	30.00	Pass

U-NII-2C straddle channel				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH144	1.47	11.00	Pass
11n (HT20)	CH144	1.69	11.00	Pass
11n (HT40)	CH142	-1.33	11.00	Pass
11ac (VHT20)	CH144	1.67	11.00	Pass
11ac (VHT40)	CH142	-1.23	11.00	Pass
11ac (VHT80)	CH138	-5.23	11.00	Pass

U-NII-3 straddle channel				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	-1.35	30.00	Pass
11n (HT20)	CH144	-1.09	30.00	Pass
11n (HT40)	CH142	-4.07	30.00	Pass
11ac (VHT20)	CH144	-1.07	30.00	Pass
11ac (VHT40)	CH142	-4.03	30.00	Pass
11ac (VHT80)	CH138	-7.94	30.00	Pass

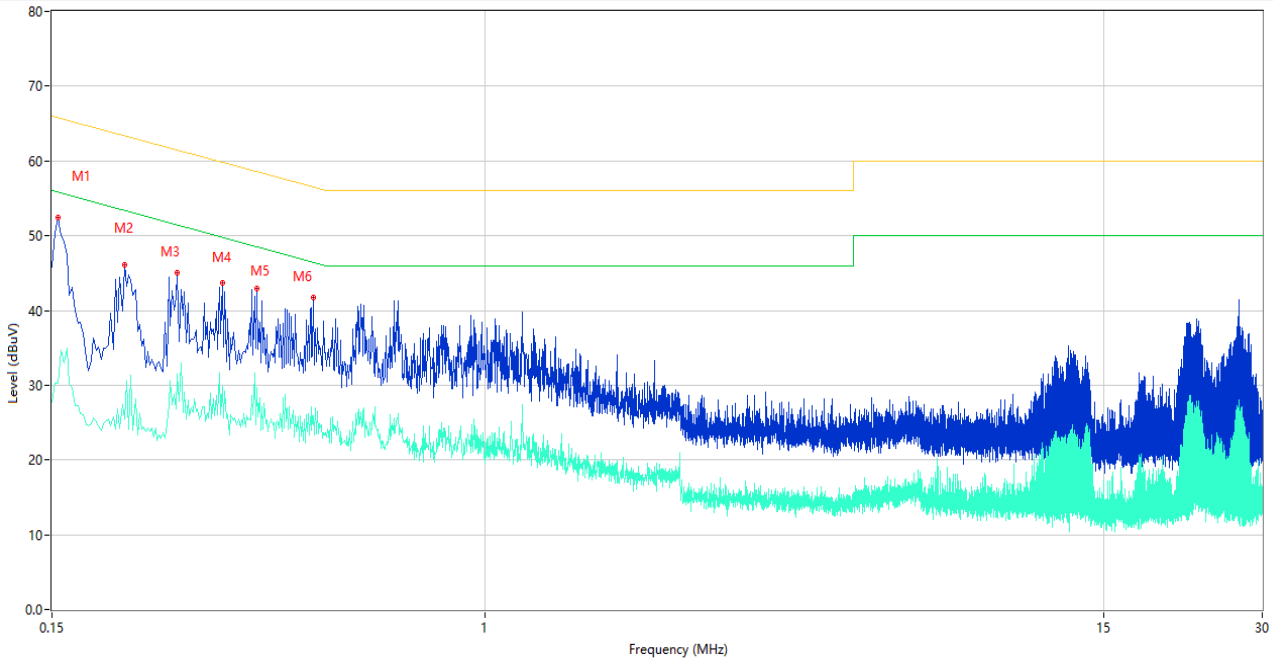
A.5 Conducted Emissions

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

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

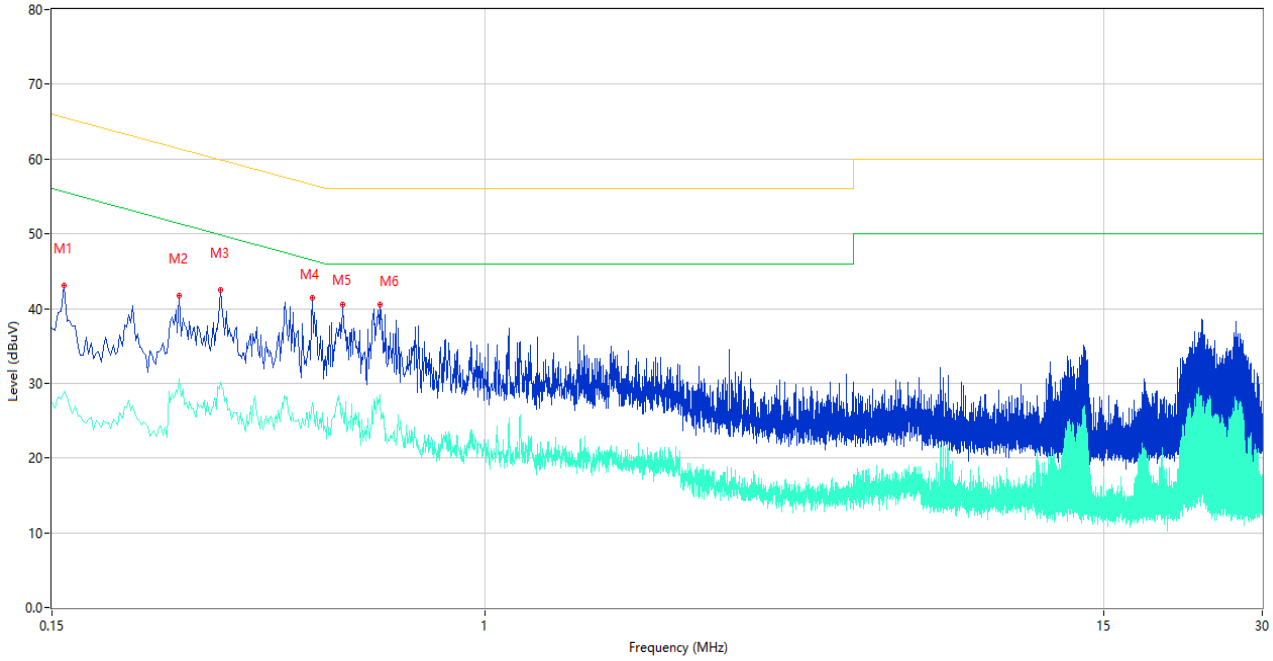
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	52.44	9.47	65.78	13.34	Peak	L	Pass
1**	0.154	30.34	9.47	55.78	25.44	AV	L	Pass
2	0.206	46.11	9.42	63.37	17.26	Peak	L	Pass
2**	0.206	25.40	9.42	53.37	27.97	AV	L	Pass
3	0.260	45.02	9.43	61.43	16.41	Peak	L	Pass
3**	0.260	31.56	9.43	51.43	19.87	AV	L	Pass
4	0.316	43.66	9.40	59.81	16.15	Peak	L	Pass
4**	0.316	29.79	9.40	49.81	20.02	AV	L	Pass
5	0.368	42.95	9.58	58.55	15.60	Peak	L	Pass
5**	0.368	29.72	9.58	48.55	18.83	AV	L	Pass
6	0.472	41.70	9.82	56.48	14.78	Peak	L	Pass
6**	0.472	25.92	9.82	46.48	20.56	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.158	43.02	9.46	65.57	22.55	Peak	N	Pass
1**	0.158	28.92	9.46	55.57	26.65	AV	N	Pass
2	0.262	41.71	9.43	61.37	19.66	Peak	N	Pass
2**	0.262	30.52	9.43	51.37	20.85	AV	N	Pass
3	0.314	42.52	9.40	59.86	17.34	Peak	N	Pass
3**	0.314	30.15	9.40	49.86	19.71	AV	N	Pass
4	0.470	41.50	9.83	56.51	15.01	Peak	N	Pass
4**	0.470	27.44	9.83	46.51	19.07	AV	N	Pass
5	0.536	40.52	9.77	56.00	15.48	Peak	N	Pass
5**	0.536	26.74	9.77	46.00	19.26	AV	N	Pass
6	0.630	40.59	9.78	56.00	15.41	Peak	N	Pass
6**	0.630	28.48	9.78	46.00	17.52	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.

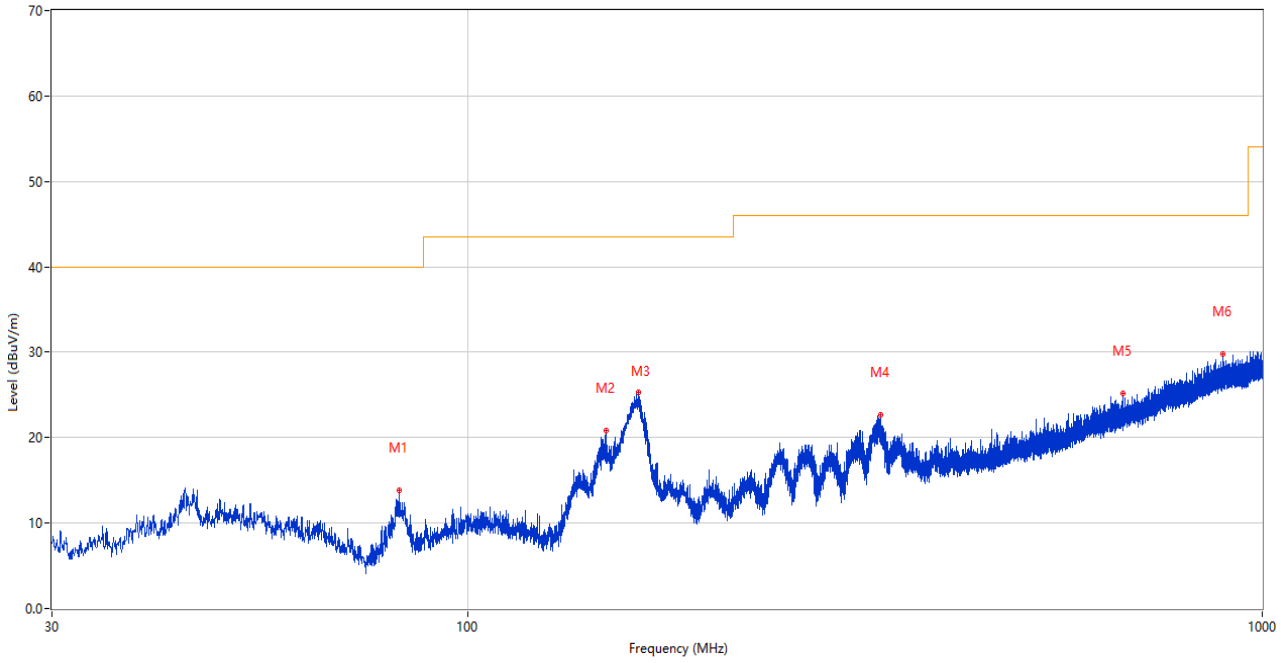
Note [2]: For the test data above 1 GHz，According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

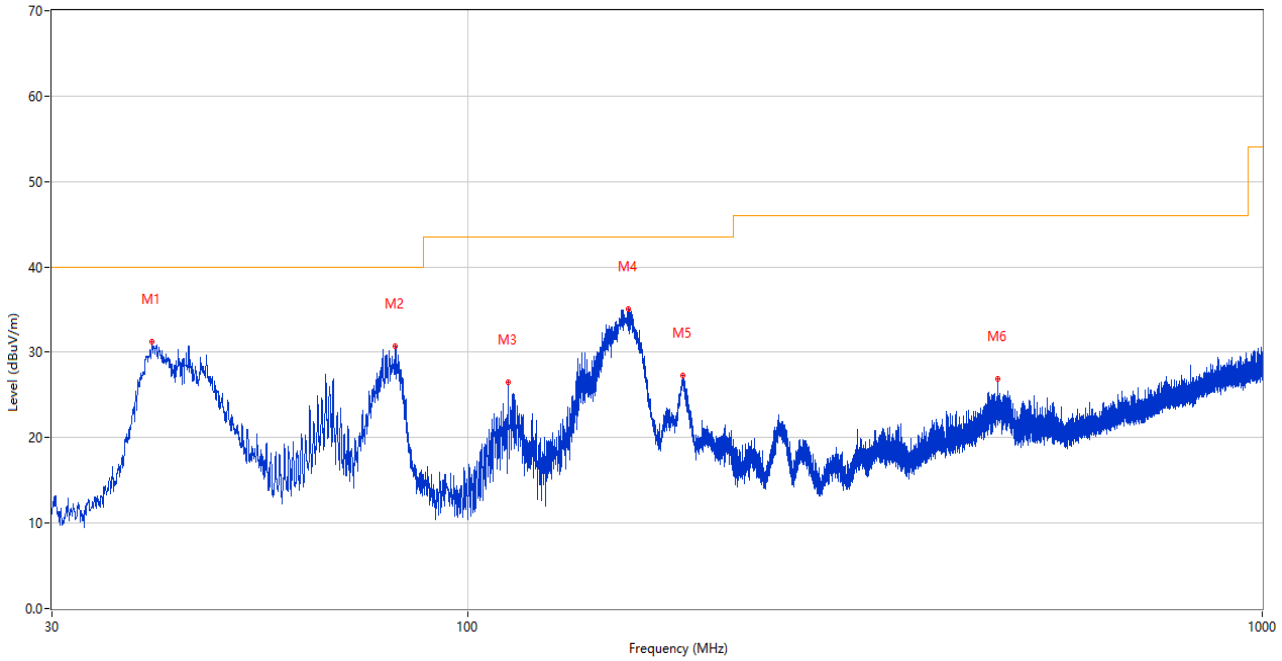
Test Data and Plots

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	81.943	13.86	-30.73	40.0	26.14	Peak	132.00	200	Horizontal	Pass
2	149.310	20.88	-30.05	43.5	22.62	Peak	317.00	200	Horizontal	Pass
3	163.908	25.34	-29.39	43.5	18.16	Peak	125.00	200	Horizontal	Pass
4	330.700	22.65	-22.76	46.0	23.35	Peak	85.00	100	Horizontal	Pass
5	668.018	25.17	-14.63	46.0	20.83	Peak	273.00	200	Horizontal	Pass
6	892.621	29.83	-10.05	46.0	16.17	Peak	325.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	40.088	31.21	-26.66	40.0	8.79	Peak	68.00	100	Vertical	Pass
2	81.168	30.71	-30.88	40.0	9.29	Peak	252.00	200	Vertical	Pass
3	112.498	26.54	-27.12	43.5	16.96	Peak	326.00	100	Vertical	Pass
4	159.398	35.06	-29.61	43.5	8.44	Peak	360.00	100	Vertical	Pass
5	186.752	27.32	-27.87	43.5	16.18	Peak	108.00	100	Vertical	Pass
6	464.172	26.94	-19.68	46.0	19.06	Peak	45.00	100	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.600	38.26	-17.01	74.0	35.74	Peak	319.00	400	Horizontal	Pass
1**	1515.600	28.94	-17.01	54.0	25.06	AV	319.00	400	Horizontal	Pass
2	4223.750	46.85	-5.04	74.0	27.15	Peak	235.00	100	Horizontal	Pass
2**	4223.750	37.45	-5.04	54.0	16.55	AV	235.00	100	Horizontal	Pass
3	5182.250	100.81	-2.35	--	--	Peak	195.00	200	Horizontal	N/A
3**	5182.250	94.09	-2.35	--	--	AV	195.00	200	Horizontal	N/A
4	7420.250	53.36	1.47	74.0	20.64	Peak	360.00	300	Horizontal	Pass
4**	7420.250	44.76	1.47	54.0	9.24	AV	360.00	300	Horizontal	Pass
5	12353.138	52.75	0.86	74.0	21.25	Peak	249.00	100	Horizontal	Pass
5**	12353.138	42.25	0.86	54.0	11.75	AV	249.00	100	Horizontal	Pass
6	16082.962	54.94	1.53	74.0	19.06	Peak	98.00	300	Horizontal	Pass
6**	16082.962	45.68	1.53	54.0	8.32	AV	98.00	300	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	1592.600	39.31	-16.58	74.0	34.69	Peak	360.00	400	Vertical	Pass
1**	1592.600	29.51	-16.58	54.0	24.49	AV	360.00	400	Vertical	Pass
2	4255.000	46.98	-4.05	74.0	27.02	Peak	0.00	100	Vertical	Pass
2**	4255.000	37.72	-4.05	54.0	16.28	AV	0.00	100	Vertical	Pass
3	5178.750	98.24	-2.72	--	--	Peak	152.00	100	Vertical	N/A
3**	5178.750	90.66	-2.72	--	--	AV	152.00	100	Vertical	N/A
4	7702.250	53.86	1.52	74.0	20.14	Peak	62.00	400	Vertical	Pass
4**	7702.250	44.46	1.52	54.0	9.54	AV	62.00	400	Vertical	Pass
5	12215.862	52.67	0.63	74.0	21.33	Peak	217.00	100	Vertical	Pass
5**	12215.862	42.98	0.63	54.0	11.02	AV	217.00	100	Vertical	Pass
6	16127.588	54.39	1.97	74.0	19.61	Peak	69.00	200	Vertical	Pass
6**	16127.588	45.76	1.97	54.0	8.24	AV	69.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.500	38.63	-17.15	74.0	35.37	Peak	313.00	300	Horizontal	Pass
1**	1535.500	28.39	-17.15	54.0	25.61	AV	313.00	300	Horizontal	Pass
2	4342.750	46.98	-4.78	74.0	27.02	Peak	360.00	200	Horizontal	Pass
2**	4342.750	38.68	-4.78	54.0	15.32	AV	360.00	200	Horizontal	Pass
3	5221.750	101.28	-3.08	--	--	Peak	201.00	150	Horizontal	N/A
3**	5221.750	94.26	-3.08	--	--	AV	201.00	150	Horizontal	N/A
4	7490.750	53.31	1.51	74.0	20.69	Peak	261.00	300	Horizontal	Pass
4**	7490.750	43.77	1.51	54.0	10.23	AV	261.00	300	Horizontal	Pass
5	11701.675	52.69	-0.51	74.0	21.31	Peak	360.00	100	Horizontal	Pass
5**	11701.675	43.56	-0.51	54.0	10.44	AV	360.00	100	Horizontal	Pass
6	15920.213	55.09	1.68	74.0	18.91	Peak	251.00	300	Horizontal	Pass
6**	15920.213	45.55	1.68	54.0	8.45	AV	251.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.400	38.01	-16.86	74.0	35.99	Peak	0.00	200	Vertical	Pass
1**	1582.400	28.75	-16.86	54.0	25.25	AV	0.00	200	Vertical	Pass
2	4270.000	46.97	-5.35	74.0	27.03	Peak	310.00	100	Vertical	Pass
2**	4270.000	37.44	-5.35	54.0	16.56	AV	310.00	100	Vertical	Pass
3	5221.250	97.88	-3.07	--	--	Peak	154.00	200	Vertical	N/A
3**	5221.250	90.30	-3.07	--	--	AV	154.00	200	Vertical	N/A
4	7665.000	52.98	1.22	74.0	21.02	Peak	334.00	400	Vertical	Pass
4**	7665.000	44.29	1.22	54.0	9.71	AV	334.00	400	Vertical	Pass
5	12481.150	53.63	1.29	74.0	20.37	Peak	205.00	200	Vertical	Pass
5**	12481.150	42.57	1.29	54.0	11.43	AV	205.00	200	Vertical	Pass
6	15888.713	54.94	1.94	74.0	19.06	Peak	302.00	300	Vertical	Pass
6**	15888.713	44.69	1.94	54.0	9.31	AV	302.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1606.100	38.10	-16.91	74.0	35.90	Peak	274.00	300	Horizontal	Pass
1**	1606.100	29.03	-16.91	54.0	24.97	AV	274.00	300	Horizontal	Pass
2	4296.750	46.84	-4.73	74.0	27.16	Peak	281.00	400	Horizontal	Pass
2**	4296.750	37.65	-4.73	54.0	16.35	AV	281.00	400	Horizontal	Pass
3	5241.500	102.11	-3.10	--	--	Peak	200.00	100	Horizontal	N/A
3**	5241.500	94.74	-3.10	--	--	AV	200.00	100	Horizontal	N/A
4	7431.000	53.34	1.14	74.0	20.66	Peak	320.00	400	Horizontal	Pass
4**	7431.000	44.74	1.14	54.0	9.26	AV	320.00	400	Horizontal	Pass
5	12255.762	52.73	1.04	74.0	21.27	Peak	0.00	200	Horizontal	Pass
5**	12255.762	43.68	1.04	54.0	10.32	AV	0.00	200	Horizontal	Pass
6	16124.438	54.89	1.95	74.0	19.11	Peak	33.00	300	Horizontal	Pass
6**	16124.438	45.34	1.95	54.0	8.66	AV	33.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.700	38.16	-16.97	74.0	35.84	Peak	4.00	400	Vertical	Pass
1**	1442.700	29.18	-16.97	54.0	24.82	AV	4.00	400	Vertical	Pass
2	4283.750	47.88	-4.65	74.0	26.12	Peak	343.00	200	Vertical	Pass
2**	4283.750	37.26	-4.65	54.0	16.74	AV	343.00	200	Vertical	Pass
3	5238.750	98.31	-2.91	--	--	Peak	343.00	150	Vertical	N/A
3**	5238.750	91.11	-2.91	--	--	AV	343.00	150	Vertical	N/A
4	7357.250	53.26	0.91	74.0	20.74	Peak	261.00	100	Vertical	Pass
4**	7357.250	44.37	0.91	54.0	9.63	AV	261.00	100	Vertical	Pass
5	12501.100	52.89	1.43	74.0	21.11	Peak	166.00	150	Vertical	Pass
5**	12501.100	43.54	1.43	54.0	10.46	AV	166.00	150	Vertical	Pass
6	16117.613	54.73	1.89	74.0	19.27	Peak	202.00	200	Vertical	Pass
6**	16117.613	45.62	1.89	54.0	8.38	AV	202.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.200	38.16	-16.88	74.0	35.84	Peak	170.00	200	Horizontal	Pass
1**	1620.200	29.54	-16.88	54.0	24.46	AV	170.00	200	Horizontal	Pass
2	4395.750	47.69	-5.13	74.0	26.31	Peak	195.00	300	Horizontal	Pass
2**	4395.750	37.14	-5.13	54.0	16.86	AV	195.00	300	Horizontal	Pass
3	5182.000	101.24	-2.38	--	--	Peak	195.00	150	Horizontal	N/A
3**	5182.000	93.67	-2.38	--	--	AV	195.00	150	Horizontal	N/A
4	7710.500	53.12	1.96	74.0	20.88	Peak	217.00	100	Horizontal	Pass
4**	7710.500	45.10	1.96	54.0	8.90	AV	217.00	100	Horizontal	Pass
5	11694.550	53.04	-0.61	74.0	20.96	Peak	133.00	150	Horizontal	Pass
5**	11694.550	42.91	-0.61	54.0	11.09	AV	133.00	150	Horizontal	Pass
6	16123.388	55.08	1.94	74.0	18.92	Peak	285.00	400	Horizontal	Pass
6**	16123.388	45.57	1.94	54.0	8.43	AV	285.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1603.800	37.85	-16.81	74.0	36.15	Peak	252.00	300	Vertical	Pass
1**	1603.800	28.87	-16.81	54.0	25.13	AV	252.00	300	Vertical	Pass
2	4063.000	47.12	-5.63	74.0	26.88	Peak	0.00	400	Vertical	Pass
2**	4063.000	37.41	-5.63	54.0	16.59	AV	0.00	400	Vertical	Pass
3	5183.750	97.73	-2.33	--	--	Peak	161.00	200	Vertical	N/A
3**	5183.750	90.34	-2.33	--	--	AV	161.00	200	Vertical	N/A
4	7706.500	54.11	1.58	74.0	19.89	Peak	181.00	200	Vertical	Pass
4**	7706.500	44.52	1.58	54.0	9.48	AV	181.00	200	Vertical	Pass
5	12213.724	52.93	0.60	74.0	21.07	Peak	360.00	100	Vertical	Pass
5**	12213.724	43.30	0.60	54.0	10.70	AV	360.00	100	Vertical	Pass
6	15890.813	54.89	1.96	74.0	19.11	Peak	351.00	100	Vertical	Pass
6**	15890.813	45.62	1.96	54.0	8.38	AV	351.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.500	38.21	-17.12	74.0	35.79	Peak	206.00	200	Horizontal	Pass
1**	1596.500	28.24	-17.12	54.0	25.76	AV	206.00	200	Horizontal	Pass
2	4257.250	47.89	-4.22	74.0	26.11	Peak	133.00	200	Horizontal	Pass
2**	4257.250	37.91	-4.22	54.0	16.09	AV	133.00	200	Horizontal	Pass
3	5221.750	102.02	-3.08	--	--	Peak	208.00	100	Horizontal	N/A
3**	5221.750	94.56	-3.08	--	--	AV	208.00	100	Horizontal	N/A
4	7321.500	52.88	0.10	74.0	21.12	Peak	157.00	100	Horizontal	Pass
4**	7321.500	42.58	0.10	54.0	11.42	AV	157.00	100	Horizontal	Pass
5	11714.737	52.55	-0.42	74.0	21.45	Peak	348.00	100	Horizontal	Pass
5**	11714.737	43.10	-0.42	54.0	10.90	AV	348.00	100	Horizontal	Pass
6	16119.451	54.45	1.91	74.0	19.55	Peak	264.00	200	Horizontal	Pass
6**	16119.451	46.32	1.91	54.0	7.68	AV	264.00	200	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	1581.400	38.51	-16.89	74.0	35.49	Peak	313.00	200	Vertical	Pass
1**	1581.400	28.33	-16.89	54.0	25.67	AV	313.00	200	Vertical	Pass
2	4399.750	47.29	-4.73	74.0	26.71	Peak	108.00	200	Vertical	Pass
2**	4399.750	38.93	-4.73	54.0	15.07	AV	108.00	200	Vertical	Pass
3	5221.500	98.22	-3.10	--	--	Peak	154.00	150	Vertical	N/A
3**	5221.500	90.57	-3.10	--	--	AV	154.00	150	Vertical	N/A
4	7333.250	53.12	-0.22	74.0	20.88	Peak	0.00	200	Vertical	Pass
4**	7333.250	43.12	-0.22	54.0	10.88	AV	0.00	200	Vertical	Pass
5	11771.263	53.15	-0.17	74.0	20.85	Peak	217.00	100	Vertical	Pass
5**	11771.263	43.80	-0.17	54.0	10.20	AV	217.00	100	Vertical	Pass
6	16128.900	54.90	1.98	74.0	19.10	Peak	86.00	300	Vertical	Pass
6**	16128.900	45.70	1.98	54.0	8.30	AV	86.00	300	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	1513.100	37.92	-16.80	74.0	36.08	Peak	19.00	200	Horizontal	Pass
1**	1513.100	29.44	-16.80	54.0	24.56	AV	19.00	200	Horizontal	Pass
2	4261.250	47.40	-4.60	74.0	26.60	Peak	77.00	200	Horizontal	Pass
2**	4261.250	37.63	-4.60	54.0	16.37	AV	77.00	200	Horizontal	Pass
3	5241.000	102.36	-3.09	--	--	Peak	200.00	150	Horizontal	N/A
3**	5241.000	95.17	-3.09	--	--	AV	200.00	150	Horizontal	N/A
4	7678.500	53.13	0.95	74.0	20.87	Peak	16.00	100	Horizontal	Pass
4**	7678.500	44.89	0.95	54.0	9.11	AV	16.00	100	Horizontal	Pass
5	12517.963	53.17	1.34	74.0	20.83	Peak	271.00	150	Horizontal	Pass
5**	12517.963	43.02	1.34	54.0	10.98	AV	271.00	150	Horizontal	Pass
6	16099.763	54.86	1.75	74.0	19.14	Peak	157.00	400	Horizontal	Pass
6**	16099.763	46.08	1.75	54.0	7.92	AV	157.00	400	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	1546.800	38.44	-17.14	74.0	35.56	Peak	274.00	300	Vertical	Pass
1**	1546.800	28.84	-17.14	54.0	25.16	AV	274.00	300	Vertical	Pass
2	4321.750	47.57	-5.13	74.0	26.43	Peak	241.00	100	Vertical	Pass
2**	4321.750	38.22	-5.13	54.0	15.78	AV	241.00	100	Vertical	Pass
3	5241.250	98.81	-3.17	--	--	Peak	261.00	150	Vertical	N/A
3**	5241.250	91.03	-3.17	--	--	AV	261.00	150	Vertical	N/A
4	7689.250	53.00	1.23	74.0	21.00	Peak	16.00	100	Vertical	Pass
4**	7689.250	44.67	1.23	54.0	9.33	AV	16.00	100	Vertical	Pass
5	11711.651	53.36	-0.44	74.0	20.64	Peak	269.00	150	Vertical	Pass
5**	11711.651	43.65	-0.44	54.0	10.35	AV	269.00	150	Vertical	Pass
6	15943.838	54.72	1.27	74.0	19.28	Peak	280.00	100	Vertical	Pass
6**	15943.838	44.69	1.27	54.0	9.31	AV	280.00	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	1544.600	38.02	-16.80	74.0	35.98	Peak	74.00	200	Horizontal	Pass
1**	1544.600	29.72	-16.80	54.0	24.28	AV	74.00	200	Horizontal	Pass
2	4340.500	46.89	-4.92	74.0	27.11	Peak	161.00	100	Horizontal	Pass
2**	4340.500	37.77	-4.92	54.0	16.23	AV	161.00	100	Horizontal	Pass
3	5191.750	98.38	-2.58	--	--	Peak	181.00	200	Horizontal	N/A
3**	5191.750	91.32	-2.58	--	--	AV	181.00	200	Horizontal	N/A
4	7688.500	53.29	1.01	74.0	20.71	Peak	262.00	300	Horizontal	Pass
4**	7688.500	43.77	1.01	54.0	10.23	AV	262.00	300	Horizontal	Pass
5	12510.599	52.57	1.38	74.0	21.43	Peak	38.00	200	Horizontal	Pass
5**	12510.599	43.13	1.38	54.0	10.87	AV	38.00	200	Horizontal	Pass
6	16104.487	54.30	1.79	74.0	19.70	Peak	280.00	300	Horizontal	Pass
6**	16104.487	45.57	1.79	54.0	8.43	AV	280.00	300	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	1523.700	38.10	-17.30	74.0	35.90	Peak	360.00	200	Vertical	Pass
1**	1523.700	28.79	-17.30	54.0	25.21	AV	360.00	200	Vertical	Pass
2	4345.750	47.30	-4.80	74.0	26.70	Peak	0.00	300	Vertical	Pass
2**	4345.750	37.75	-4.80	54.0	16.25	AV	0.00	300	Vertical	Pass
3	5192.000	96.10	-2.71	--	--	Peak	162.00	150	Vertical	N/A
3**	5192.000	88.10	-2.71	--	--	AV	162.00	150	Vertical	N/A
4	7708.000	53.88	1.69	74.0	20.12	Peak	58.00	300	Vertical	Pass
4**	7708.000	45.24	1.69	54.0	8.76	AV	58.00	300	Vertical	Pass
5	12489.700	52.74	1.36	74.0	21.26	Peak	120.00	200	Vertical	Pass
5**	12489.700	43.22	1.36	54.0	10.78	AV	120.00	200	Vertical	Pass
6	15911.287	54.61	1.83	74.0	19.39	Peak	111.00	200	Vertical	Pass
6**	15911.287	45.25	1.83	54.0	8.75	AV	111.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.400	38.31	-16.97	74.0	35.69	Peak	63.00	400	Horizontal	Pass
1**	1483.400	29.09	-16.97	54.0	24.91	AV	63.00	400	Horizontal	Pass
2	4325.250	46.79	-4.82	74.0	27.21	Peak	218.00	300	Horizontal	Pass
2**	4325.250	38.00	-4.82	54.0	16.00	AV	218.00	300	Horizontal	Pass
3	5231.250	98.53	-2.98	--	--	Peak	198.00	150	Horizontal	N/A
3**	5231.250	91.10	-2.98	--	--	AV	198.00	150	Horizontal	N/A
4	7697.000	53.36	1.00	74.0	20.64	Peak	259.00	200	Horizontal	Pass
4**	7697.000	44.74	1.00	54.0	9.26	AV	259.00	200	Horizontal	Pass
5	12508.225	52.97	1.39	74.0	21.03	Peak	150.00	200	Horizontal	Pass
5**	12508.225	42.92	1.39	54.0	11.08	AV	150.00	200	Horizontal	Pass
6	16131.262	54.61	2.00	74.0	19.39	Peak	152.00	400	Horizontal	Pass
6**	16131.262	45.60	2.00	54.0	8.40	AV	152.00	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	1460.100	38.38	-17.34	74.0	35.62	Peak	0.00	400	Vertical	Pass
1**	1460.100	28.58	-17.34	54.0	25.42	AV	0.00	400	Vertical	Pass
2	4244.500	46.79	-4.60	74.0	27.21	Peak	241.00	300	Vertical	Pass
2**	4244.500	37.46	-4.60	54.0	16.54	AV	241.00	300	Vertical	Pass
3	5231.250	95.80	-2.98	--	--	Peak	159.00	200	Vertical	N/A
3**	5231.250	88.17	-2.98	--	--	AV	159.00	200	Vertical	N/A
4	7708.750	53.11	1.82	74.0	20.89	Peak	16.00	200	Vertical	Pass
4**	7708.750	44.33	1.82	54.0	9.67	AV	16.00	200	Vertical	Pass
5	12364.300	53.26	0.92	74.0	20.74	Peak	259.00	100	Vertical	Pass
5**	12364.300	42.51	0.92	54.0	11.49	AV	259.00	100	Vertical	Pass
6	15900.000	54.72	2.03	74.0	19.28	Peak	280.00	400	Vertical	Pass
6**	15900.000	45.20	2.03	54.0	8.80	AV	280.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1449.400	37.97	-16.93	74.0	36.03	Peak	327.00	400	Horizontal	Pass
1**	1449.400	28.46	-16.93	54.0	25.54	AV	327.00	400	Horizontal	Pass
2	4390.250	47.65	-5.23	74.0	26.35	Peak	179.00	100	Horizontal	Pass
2**	4390.250	37.23	-5.23	54.0	16.77	AV	179.00	100	Horizontal	Pass
3	5181.250	102.05	-2.31	--	--	Peak	200.00	100	Horizontal	N/A
3**	5181.250	94.72	-2.31	--	--	AV	200.00	100	Horizontal	N/A
4	7625.250	53.80	0.32	74.0	20.20	Peak	16.00	200	Horizontal	Pass
4**	7625.250	43.31	0.32	54.0	10.69	AV	16.00	200	Horizontal	Pass
5	12281.413	53.06	0.76	74.0	20.94	Peak	360.00	200	Horizontal	Pass
5**	12281.413	44.15	0.76	54.0	9.85	AV	360.00	200	Horizontal	Pass
6	16080.075	54.75	1.49	74.0	19.25	Peak	225.00	200	Horizontal	Pass
6**	16080.075	45.24	1.49	54.0	8.76	AV	225.00	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	1576.700	38.46	-16.94	74.0	35.54	Peak	140.00	300	Vertical	Pass
1**	1576.700	28.21	-16.94	54.0	25.79	AV	140.00	300	Vertical	Pass
2	4302.500	48.40	-5.07	74.0	25.60	Peak	96.00	200	Vertical	Pass
2**	4302.500	37.54	-5.07	54.0	16.46	AV	96.00	200	Vertical	Pass
3	5181.000	98.39	-2.37	--	--	Peak	149.00	100	Vertical	N/A
3**	5181.000	90.67	-2.37	--	--	AV	149.00	100	Vertical	N/A
4	7420.250	53.65	1.47	74.0	20.35	Peak	174.00	200	Vertical	Pass
4**	7420.250	44.57	1.47	54.0	9.43	AV	174.00	200	Vertical	Pass
5	11811.875	53.25	-0.28	74.0	20.75	Peak	354.00	150	Vertical	Pass
5**	11811.875	42.96	-0.28	54.0	11.04	AV	354.00	150	Vertical	Pass
6	15691.050	54.75	1.70	74.0	19.25	Peak	31.00	300	Vertical	Pass
6**	15691.050	44.70	1.70	54.0	9.30	AV	31.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.600	38.32	-17.10	74.0	35.68	Peak	65.00	200	Horizontal	Pass
1**	1505.600	29.00	-17.10	54.0	25.00	AV	65.00	200	Horizontal	Pass
2	4234.500	47.54	-4.91	74.0	26.46	Peak	203.00	300	Horizontal	Pass
2**	4234.500	37.74	-4.91	54.0	16.26	AV	203.00	300	Horizontal	Pass
3	5222.000	101.80	-2.99	--	--	Peak	203.00	200	Horizontal	N/A
3**	5222.000	94.43	-2.99	--	--	AV	203.00	200	Horizontal	N/A
4	7712.000	53.70	1.91	74.0	20.30	Peak	157.00	100	Horizontal	Pass
4**	7712.000	44.92	1.91	54.0	9.08	AV	157.00	100	Horizontal	Pass
5	11701.675	52.65	-0.51	74.0	21.35	Peak	337.00	200	Horizontal	Pass
5**	11701.675	43.55	-0.51	54.0	10.45	AV	337.00	200	Horizontal	Pass
6	15973.500	55.08	1.21	74.0	18.92	Peak	81.00	200	Horizontal	Pass
6**	15973.500	44.08	1.21	54.0	9.92	AV	81.00	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	1529.500	38.19	-17.00	74.0	35.81	Peak	288.00	300	Vertical	Pass
1**	1529.500	28.93	-17.00	54.0	25.07	AV	288.00	300	Vertical	Pass
2	4319.500	46.83	-5.05	74.0	27.17	Peak	111.00	400	Vertical	Pass
2**	4319.500	38.22	-5.05	54.0	15.78	AV	111.00	400	Vertical	Pass
3	5221.500	98.06	-3.10	--	--	Peak	157.00	200	Vertical	N/A
3**	5221.500	91.34	-3.10	--	--	AV	157.00	200	Vertical	N/A
4	7712.000	53.10	1.91	74.0	20.90	Peak	203.00	100	Vertical	Pass
4**	7712.000	45.23	1.91	54.0	8.77	AV	203.00	100	Vertical	Pass
5	12031.563	52.97	0.04	74.0	21.03	Peak	322.00	150	Vertical	Pass
5**	12031.563	43.17	0.04	54.0	10.83	AV	322.00	150	Vertical	Pass
6	15917.325	54.91	1.73	74.0	19.09	Peak	14.00	300	Vertical	Pass
6**	15917.325	45.27	1.73	54.0	8.73	AV	14.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.800	38.35	-17.15	74.0	35.65	Peak	262.00	400	Horizontal	Pass
1**	1598.800	28.40	-17.15	54.0	25.60	AV	262.00	400	Horizontal	Pass
2	4255.250	47.66	-4.03	74.0	26.34	Peak	259.00	200	Horizontal	Pass
2**	4255.250	38.16	-4.03	54.0	15.84	AV	259.00	200	Horizontal	Pass
3	5237.500	102.13	-3.09	--	--	Peak	198.00	150	Horizontal	N/A
3**	5237.500	94.25	-3.09	--	--	AV	198.00	150	Horizontal	N/A
4	7707.250	53.46	1.56	74.0	20.54	Peak	16.00	200	Horizontal	Pass
4**	7707.250	44.30	1.56	54.0	9.70	AV	16.00	200	Horizontal	Pass
5	12515.112	52.46	1.35	74.0	21.54	Peak	183.00	100	Horizontal	Pass
5**	12515.112	42.64	1.35	54.0	11.36	AV	183.00	100	Horizontal	Pass
6	16085.588	55.50	1.56	74.0	18.50	Peak	171.00	400	Horizontal	Pass
6**	16085.588	45.80	1.56	54.0	8.20	AV	171.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.400	38.39	-17.08	74.0	35.61	Peak	197.00	100	Vertical	Pass
1**	1479.400	28.90	-17.08	54.0	25.10	AV	197.00	100	Vertical	Pass
2	4255.750	46.93	-3.94	74.0	27.07	Peak	360.00	300	Vertical	Pass
2**	4255.750	38.79	-3.94	54.0	15.21	AV	360.00	300	Vertical	Pass
3	5241.750	98.65	-3.09	--	--	Peak	263.00	200	Vertical	N/A
3**	5241.750	91.52	-3.09	--	--	AV	263.00	200	Vertical	N/A
4	7599.000	53.44	1.11	74.0	20.56	Peak	242.00	200	Vertical	Pass
4**	7599.000	44.01	1.11	54.0	9.99	AV	242.00	200	Vertical	Pass
5	12211.826	52.99	0.57	74.0	21.01	Peak	108.00	150	Vertical	Pass
5**	12211.826	43.39	0.57	54.0	10.61	AV	108.00	150	Vertical	Pass
6	15916.013	55.20	1.75	74.0	18.80	Peak	360.00	400	Vertical	Pass
6**	15916.013	46.00	1.75	54.0	8.00	AV	360.00	400	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	1626.400	38.23	-16.70	74.0	35.77	Peak	231.00	300	Horizontal	Pass
1**	1626.400	28.70	-16.70	54.0	25.30	AV	231.00	300	Horizontal	Pass
2	4139.250	47.12	-5.25	74.0	26.88	Peak	102.00	400	Horizontal	Pass
2**	4139.250	37.53	-5.25	54.0	16.47	AV	102.00	400	Horizontal	Pass
3	5191.750	98.95	-2.58	--	--	Peak	183.00	150	Horizontal	N/A
3**	5191.750	91.30	-2.58	--	--	AV	183.00	150	Horizontal	N/A
4	7675.750	53.29	0.76	74.0	20.71	Peak	41.00	400	Horizontal	Pass
4**	7675.750	43.39	0.76	54.0	10.61	AV	41.00	400	Horizontal	Pass
5	11513.099	53.73	-0.76	74.0	20.27	Peak	289.00	100	Horizontal	Pass
5**	11513.099	43.08	-0.76	54.0	10.92	AV	289.00	100	Horizontal	Pass
6	15916.800	54.79	1.74	74.0	19.21	Peak	309.00	300	Horizontal	Pass
6**	15916.800	45.98	1.74	54.0	8.02	AV	309.00	300	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	1540.400	38.23	-17.16	74.0	35.77	Peak	0.00	100	Vertical	Pass
1**	1540.400	28.71	-17.16	54.0	25.29	AV	0.00	100	Vertical	Pass
2	4263.500	46.91	-4.55	74.0	27.09	Peak	224.00	100	Vertical	Pass
2**	4263.500	38.07	-4.55	54.0	15.93	AV	224.00	100	Vertical	Pass
3	5191.750	95.86	-2.58	--	--	Peak	141.00	100	Vertical	N/A
3**	5191.750	87.95	-2.58	--	--	AV	141.00	100	Vertical	N/A
4	7425.000	53.12	1.30	74.0	20.88	Peak	182.00	400	Vertical	Pass
4**	7425.000	44.67	1.30	54.0	9.33	AV	182.00	400	Vertical	Pass
5	12450.987	53.19	1.05	74.0	20.81	Peak	113.00	100	Vertical	Pass
5**	12450.987	43.74	1.05	54.0	10.26	AV	113.00	100	Vertical	Pass
6	16121.550	55.00	1.92	74.0	19.00	Peak	227.00	100	Vertical	Pass
6**	16121.550	46.52	1.92	54.0	7.48	AV	227.00	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	1614.100	37.97	-16.79	74.0	36.03	Peak	18.00	200	Horizontal	Pass
1**	1614.100	28.72	-16.79	54.0	25.28	AV	18.00	200	Horizontal	Pass
2	4333.250	46.74	-5.13	74.0	27.26	Peak	75.00	300	Horizontal	Pass
2**	4333.250	37.74	-5.13	54.0	16.26	AV	75.00	300	Horizontal	Pass
3	5232.000	98.63	-3.10	--	--	Peak	196.00	200	Horizontal	N/A
3**	5232.000	92.02	-3.10	--	--	AV	196.00	200	Horizontal	N/A
4	7715.250	53.37	1.51	74.0	20.63	Peak	278.00	100	Horizontal	Pass
4**	7715.250	44.02	1.51	54.0	9.98	AV	278.00	100	Horizontal	Pass
5	11145.450	52.76	-1.50	74.0	21.24	Peak	351.00	100	Horizontal	Pass
5**	11145.450	42.09	-1.50	54.0	11.91	AV	351.00	100	Horizontal	Pass
6	16142.026	54.52	2.09	74.0	19.48	Peak	28.00	100	Horizontal	Pass
6**	16142.026	45.78	2.09	54.0	8.22	AV	28.00	100	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	1602.000	37.93	-16.95	74.0	36.07	Peak	312.00	300	Vertical	Pass
1**	1602.000	28.17	-16.95	54.0	25.83	AV	312.00	300	Vertical	Pass
2	4335.750	47.20	-4.73	74.0	26.80	Peak	77.00	100	Vertical	Pass
2**	4335.750	37.65	-4.73	54.0	16.35	AV	77.00	100	Vertical	Pass
3	5232.500	96.19	-3.02	--	--	Peak	159.00	150	Vertical	N/A
3**	5232.500	88.04	-3.02	--	--	AV	159.00	150	Vertical	N/A
4	7722.500	52.91	1.17	74.0	21.09	Peak	360.00	400	Vertical	Pass
4**	7722.500	44.00	1.17	54.0	10.00	AV	360.00	400	Vertical	Pass
5	12180.475	52.41	0.23	74.0	21.59	Peak	27.00	150	Vertical	Pass
5**	12180.475	42.38	0.23	54.0	11.62	AV	27.00	150	Vertical	Pass
6	16123.650	54.62	1.94	74.0	19.38	Peak	271.00	200	Vertical	Pass
6**	16123.650	45.62	1.94	54.0	8.38	AV	271.00	200	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	1592.100	38.36	-17.07	74.0	35.64	Peak	142.00	100	Horizontal	Pass
1**	1592.100	28.64	-17.07	54.0	25.36	AV	142.00	100	Horizontal	Pass
2	4245.250	47.40	-4.33	74.0	26.60	Peak	177.00	100	Horizontal	Pass
2**	4245.250	37.51	-4.33	54.0	16.49	AV	177.00	100	Horizontal	Pass
3	5216.000	96.05	-2.61	--	--	Peak	198.00	150	Horizontal	N/A
3**	5216.000	88.10	-2.61	--	--	AV	198.00	150	Horizontal	N/A
4	7687.500	52.94	1.11	74.0	21.06	Peak	116.00	300	Horizontal	Pass
4**	7687.500	43.70	1.11	54.0	10.30	AV	116.00	300	Horizontal	Pass
5	11747.512	52.67	-0.21	74.0	21.33	Peak	197.00	150	Horizontal	Pass
5**	11747.512	42.59	-0.21	54.0	11.41	AV	197.00	150	Horizontal	Pass
6	16124.701	54.51	1.95	74.0	19.49	Peak	198.00	200	Horizontal	Pass
6**	16124.701	45.64	1.95	54.0	8.36	AV	198.00	200	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	1605.000	37.91	-16.61	74.0	36.09	Peak	163.00	400	Vertical	Pass
1**	1605.000	28.98	-16.61	54.0	25.02	AV	163.00	400	Vertical	Pass
2	4246.500	47.37	-4.30	74.0	26.63	Peak	281.00	100	Vertical	Pass
2**	4246.500	37.82	-4.30	54.0	16.18	AV	281.00	100	Vertical	Pass
3	5203.250	92.53	-2.69	--	--	Peak	138.00	200	Vertical	N/A
3**	5203.250	84.13	-2.69	--	--	AV	138.00	200	Vertical	N/A
4	7711.750	53.31	2.04	74.0	20.69	Peak	14.00	200	Vertical	Pass
4**	7711.750	44.73	2.04	54.0	9.27	AV	14.00	200	Vertical	Pass
5	12436.263	52.81	1.06	74.0	21.19	Peak	0.00	150	Vertical	Pass
5**	12436.263	43.06	1.06	54.0	10.94	AV	0.00	150	Vertical	Pass
6	16067.474	54.53	1.32	74.0	19.47	Peak	351.00	100	Vertical	Pass
6**	16067.474	45.67	1.32	54.0	8.33	AV	351.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1564.300	37.81	-17.45	74.0	36.19	Peak	55.00	300	Horizontal	Pass
1**	1564.300	28.16	-17.45	54.0	25.84	AV	55.00	300	Horizontal	Pass
2	4351.500	47.30	-4.51	74.0	26.70	Peak	159.00	400	Horizontal	Pass
2**	4351.500	38.05	-4.51	54.0	15.95	AV	159.00	400	Horizontal	Pass
3	5262.000	101.50	-3.06	--	--	Peak	179.00	100	Horizontal	N/A
3**	5262.000	94.09	-3.06	--	--	AV	179.00	100	Horizontal	N/A
4	7419.750	53.22	1.28	74.0	20.78	Peak	16.00	300	Horizontal	Pass
4**	7419.750	43.69	1.28	54.0	10.31	AV	16.00	300	Horizontal	Pass
5	12384.250	52.39	1.02	74.0	21.61	Peak	3.00	100	Horizontal	Pass
5**	12384.250	42.96	1.02	54.0	11.04	AV	3.00	100	Horizontal	Pass
6	16160.663	54.54	2.08	74.0	19.46	Peak	304.00	200	Horizontal	Pass
6**	16160.663	44.54	2.08	54.0	9.46	AV	304.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.100	38.67	-17.11	74.0	35.33	Peak	247.00	300	Vertical	Pass
1**	1518.100	29.44	-17.11	54.0	24.56	AV	247.00	300	Vertical	Pass
2	4119.000	47.82	-5.61	74.0	26.18	Peak	57.00	300	Vertical	Pass
2**	4119.000	36.82	-5.61	54.0	17.18	AV	57.00	300	Vertical	Pass
3	5258.750	98.32	-3.08	--	--	Peak	159.00	100	Vertical	N/A
3**	5258.750	90.81	-3.08	--	--	AV	159.00	100	Vertical	N/A
4	7616.250	53.11	0.32	74.0	20.89	Peak	318.00	100	Vertical	Pass
4**	7616.250	43.36	0.32	54.0	10.64	AV	318.00	100	Vertical	Pass
5	11504.787	52.32	-0.65	74.0	21.68	Peak	51.00	100	Vertical	Pass
5**	11504.787	42.64	-0.65	54.0	11.36	AV	51.00	100	Vertical	Pass
6	16066.425	54.60	1.31	74.0	19.40	Peak	210.00	200	Vertical	Pass
6**	16066.425	45.23	1.31	54.0	8.77	AV	210.00	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	1621.700	38.04	-16.99	74.0	35.96	Peak	324.00	300	Horizontal	Pass
1**	1621.700	28.89	-16.99	54.0	25.11	AV	324.00	300	Horizontal	Pass
2	4336.000	47.01	-4.72	74.0	26.99	Peak	181.00	300	Horizontal	Pass
2**	4336.000	37.46	-4.72	54.0	16.54	AV	181.00	300	Horizontal	Pass
3	5298.750	102.32	-2.76	--	--	Peak	181.00	150	Horizontal	N/A
3**	5298.750	94.91	-2.76	--	--	AV	181.00	150	Horizontal	N/A
4	7705.250	53.41	2.03	74.0	20.59	Peak	0.00	200	Horizontal	Pass
4**	7705.250	44.33	2.03	54.0	9.67	AV	0.00	200	Horizontal	Pass
5	10602.050	53.88	-1.82	74.0	20.12	Peak	186.00	150	Horizontal	Pass
5**	10602.050	43.13	-1.82	54.0	10.87	AV	186.00	150	Horizontal	Pass
6	16095.563	54.44	1.69	74.0	19.56	Peak	59.00	200	Horizontal	Pass
6**	16095.563	45.99	1.69	54.0	8.01	AV	59.00	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	1612.400	38.71	-16.81	74.0	35.29	Peak	287.00	100	Vertical	Pass
1**	1612.400	29.76	-16.81	54.0	24.24	AV	287.00	100	Vertical	Pass
2	4325.250	47.13	-4.82	74.0	26.87	Peak	181.00	300	Vertical	Pass
2**	4325.250	38.20	-4.82	54.0	15.80	AV	181.00	300	Vertical	Pass
3	5297.750	98.93	-2.79	--	--	Peak	261.00	150	Vertical	N/A
3**	5297.750	91.30	-2.79	--	--	AV	261.00	150	Vertical	N/A
4	7703.250	52.65	1.19	74.0	21.35	Peak	100.00	400	Vertical	Pass
4**	7703.250	43.91	1.19	54.0	10.09	AV	100.00	400	Vertical	Pass
5	12443.862	53.75	1.05	74.0	20.25	Peak	237.00	100	Vertical	Pass
5**	12443.862	43.98	1.05	54.0	10.02	AV	237.00	100	Vertical	Pass
6	15892.650	54.61	1.97	74.0	19.39	Peak	105.00	200	Vertical	Pass
6**	15892.650	46.41	1.97	54.0	7.59	AV	105.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.800	38.10	-17.20	74.0	35.90	Peak	170.00	300	Horizontal	Pass
1**	1533.800	28.30	-17.20	54.0	25.70	AV	170.00	300	Horizontal	Pass
2	4267.250	46.82	-4.82	74.0	27.18	Peak	164.00	400	Horizontal	Pass
2**	4267.250	37.55	-4.82	54.0	16.45	AV	164.00	400	Horizontal	Pass
3	5321.500	103.10	-2.68	--	--	Peak	184.00	150	Horizontal	N/A
3**	5321.500	95.27	-2.68	--	--	AV	184.00	150	Horizontal	N/A
4	7708.750	53.89	1.82	74.0	20.11	Peak	285.00	200	Horizontal	Pass
4**	7708.750	43.84	1.82	54.0	10.16	AV	285.00	200	Horizontal	Pass
5	10643.849	53.09	-2.90	74.0	20.91	Peak	218.00	100	Horizontal	Pass
5**	10643.849	43.30	-2.90	54.0	10.70	AV	218.00	100	Horizontal	Pass
6	16123.912	55.21	1.94	74.0	18.79	Peak	244.00	400	Horizontal	Pass
6**	16123.912	45.32	1.94	54.0	8.68	AV	244.00	400	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	1504.500	38.28	-17.01	74.0	35.72	Peak	185.00	400	Vertical	Pass
1**	1504.500	28.25	-17.01	54.0	25.75	AV	185.00	400	Vertical	Pass
2	4362.000	47.11	-4.76	74.0	26.89	Peak	324.00	300	Vertical	Pass
2**	4362.000	37.22	-4.76	54.0	16.78	AV	324.00	300	Vertical	Pass
3	5318.000	99.34	-3.10	--	--	Peak	263.00	200	Vertical	N/A
3**	5318.000	91.69	-3.10	--	--	AV	263.00	200	Vertical	N/A
4	7706.250	53.24	1.54	74.0	20.76	Peak	122.00	200	Vertical	Pass
4**	7706.250	44.31	1.54	54.0	9.69	AV	122.00	200	Vertical	Pass
5	10644.563	52.77	-2.92	74.0	21.23	Peak	338.00	150	Vertical	Pass
5**	10644.563	43.32	-2.92	54.0	10.68	AV	338.00	150	Vertical	Pass
6	16090.313	54.20	1.62	74.0	19.80	Peak	285.00	100	Vertical	Pass
6**	16090.313	45.25	1.62	54.0	8.75	AV	285.00	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	1580.200	38.03	-17.15	74.0	35.97	Peak	5.00	300	Horizontal	Pass
1**	1580.200	28.34	-17.15	54.0	25.66	AV	5.00	300	Horizontal	Pass
2	4286.500	46.78	-4.62	74.0	27.22	Peak	16.00	400	Horizontal	Pass
2**	4286.500	37.56	-4.62	54.0	16.44	AV	16.00	400	Horizontal	Pass
3	5261.000	102.16	-3.04	--	--	Peak	200.00	150	Horizontal	N/A
3**	5261.000	95.36	-3.04	--	--	AV	200.00	150	Horizontal	N/A
4	7620.500	53.39	0.48	74.0	20.61	Peak	283.00	300	Horizontal	Pass
4**	7620.500	43.39	0.48	54.0	10.61	AV	283.00	300	Horizontal	Pass
5	12465.713	52.57	1.16	74.0	21.43	Peak	360.00	100	Horizontal	Pass
5**	12465.713	43.14	1.16	54.0	10.86	AV	360.00	100	Horizontal	Pass
6	16113.675	54.74	1.86	74.0	19.26	Peak	173.00	400	Horizontal	Pass
6**	16113.675	45.41	1.86	54.0	8.59	AV	173.00	400	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	1602.900	38.33	-16.85	74.0	35.67	Peak	139.00	300	Vertical	Pass
1**	1602.900	28.59	-16.85	54.0	25.41	AV	139.00	300	Vertical	Pass
2	4276.750	47.19	-4.79	74.0	26.81	Peak	36.00	300	Vertical	Pass
2**	4276.750	37.69	-4.79	54.0	16.31	AV	36.00	300	Vertical	Pass
3	5258.500	98.23	-3.19	--	--	Peak	159.00	100	Vertical	N/A
3**	5258.500	91.20	-3.19	--	--	AV	159.00	100	Vertical	N/A
4	7707.500	53.20	1.49	74.0	20.80	Peak	159.00	200	Vertical	Pass
4**	7707.500	44.77	1.49	54.0	9.23	AV	159.00	200	Vertical	Pass
5	12457.638	52.97	1.10	74.0	21.03	Peak	298.00	200	Vertical	Pass
5**	12457.638	43.07	1.10	54.0	10.93	AV	298.00	200	Vertical	Pass
6	16100.287	54.11	1.75	74.0	19.89	Peak	257.00	400	Vertical	Pass
6**	16100.287	45.09	1.75	54.0	8.91	AV	257.00	400	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	1603.000	38.39	-16.86	74.0	35.61	Peak	3.00	400	Horizontal	Pass
1**	1603.000	28.86	-16.86	54.0	25.14	AV	3.00	400	Horizontal	Pass
2	4251.250	46.77	-4.37	74.0	27.23	Peak	183.00	200	Horizontal	Pass
2**	4251.250	37.89	-4.37	54.0	16.11	AV	183.00	200	Horizontal	Pass
3	5299.000	103.24	-2.59	--	--	Peak	183.00	200	Horizontal	N/A
3**	5299.000	96.63	-2.59	--	--	AV	183.00	200	Horizontal	N/A
4	7705.000	53.68	2.03	74.0	20.32	Peak	20.00	400	Horizontal	Pass
4**	7705.000	44.53	2.03	54.0	9.47	AV	20.00	400	Horizontal	Pass
5	11801.425	52.67	-0.16	74.0	21.33	Peak	145.00	100	Horizontal	Pass
5**	11801.425	43.79	-0.16	54.0	10.21	AV	145.00	100	Horizontal	Pass
6	15905.512	54.58	1.93	74.0	19.42	Peak	188.00	200	Horizontal	Pass
6**	15905.512	45.31	1.93	54.0	8.69	AV	188.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1471.700	38.06	-16.99	74.0	35.94	Peak	244.00	100	Vertical	Pass
1**	1471.700	28.46	-16.99	54.0	25.54	AV	244.00	100	Vertical	Pass
2	4319.000	46.97	-4.99	74.0	27.03	Peak	305.00	200	Vertical	Pass
2**	4319.000	38.33	-4.99	54.0	15.67	AV	305.00	200	Vertical	Pass
3	5299.000	98.38	-2.59	--	--	Peak	264.00	150	Vertical	N/A
3**	5299.000	91.52	-2.59	--	--	AV	264.00	150	Vertical	N/A
4	7703.500	52.99	1.35	74.0	21.01	Peak	183.00	100	Vertical	Pass
4**	7703.500	44.14	1.35	54.0	9.86	AV	183.00	100	Vertical	Pass
5	10600.388	54.08	-1.78	74.0	19.92	Peak	245.00	100	Vertical	Pass
5**	10600.388	44.97	-1.78	54.0	9.03	AV	245.00	100	Vertical	Pass
6	16074.299	54.22	1.41	74.0	19.78	Peak	42.00	100	Vertical	Pass
6**	16074.299	45.65	1.41	54.0	8.35	AV	42.00	100	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	1453.300	37.88	-16.91	74.0	36.12	Peak	40.00	100	Horizontal	Pass
1**	1453.300	28.85	-16.91	54.0	25.15	AV	40.00	100	Horizontal	Pass
2	4263.500	46.61	-4.55	74.0	27.39	Peak	74.00	200	Horizontal	Pass
2**	4263.500	37.57	-4.55	54.0	16.43	AV	74.00	200	Horizontal	Pass
3	5320.750	101.80	-2.93	--	--	Peak	178.00	150	Horizontal	N/A
3**	5320.750	94.82	-2.93	--	--	AV	178.00	150	Horizontal	N/A
4	7711.250	53.28	1.79	74.0	20.72	Peak	52.00	400	Horizontal	Pass
4**	7711.250	44.81	1.79	54.0	9.19	AV	52.00	400	Horizontal	Pass
5	11765.325	52.29	-0.18	74.0	21.71	Peak	341.00	200	Horizontal	Pass
5**	11765.325	42.25	-0.18	54.0	11.75	AV	341.00	200	Horizontal	Pass
6	16132.312	54.52	2.01	74.0	19.48	Peak	115.00	400	Horizontal	Pass
6**	16132.312	45.74	2.01	54.0	8.26	AV	115.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.800	38.15	-17.13	74.0	35.85	Peak	50.00	300	Vertical	Pass
1**	1489.800	28.08	-17.13	54.0	25.92	AV	50.00	300	Vertical	Pass
2	4257.500	46.82	-4.36	74.0	27.18	Peak	344.00	200	Vertical	Pass
2**	4257.500	37.41	-4.36	54.0	16.59	AV	344.00	200	Vertical	Pass
3	5321.500	99.29	-2.68	--	--	Peak	263.00	100	Vertical	N/A
3**	5321.500	92.20	-2.68	--	--	AV	263.00	100	Vertical	N/A
4	7698.000	52.58	1.00	74.0	21.42	Peak	163.00	400	Vertical	Pass
4**	7698.000	44.10	1.00	54.0	9.90	AV	163.00	400	Vertical	Pass
5	11692.412	52.66	-0.64	74.0	21.34	Peak	92.00	100	Vertical	Pass
5**	11692.412	42.14	-0.64	54.0	11.86	AV	92.00	100	Vertical	Pass
6	16103.437	55.06	1.78	74.0	18.94	Peak	164.00	200	Vertical	Pass
6**	16103.437	45.46	1.78	54.0	8.54	AV	164.00	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	1518.500	37.89	-16.85	74.0	36.11	Peak	204.00	400	Horizontal	Pass
1**	1518.500	28.72	-16.85	54.0	25.28	AV	204.00	400	Horizontal	Pass
2	4263.500	46.68	-4.55	74.0	27.32	Peak	118.00	300	Horizontal	Pass
2**	4263.500	37.86	-4.55	54.0	16.14	AV	118.00	300	Horizontal	Pass
3	5267.750	99.15	-2.81	--	--	Peak	202.00	200	Horizontal	N/A
3**	5267.750	91.54	-2.81	--	--	AV	202.00	200	Horizontal	N/A
4	7686.000	52.68	1.48	74.0	21.32	Peak	202.00	400	Horizontal	Pass
4**	7686.000	44.26	1.48	54.0	9.74	AV	202.00	400	Horizontal	Pass
5	11728.513	52.63	-0.33	74.0	21.37	Peak	269.00	150	Horizontal	Pass
5**	11728.513	42.22	-0.33	54.0	11.78	AV	269.00	150	Horizontal	Pass
6	16131.526	54.59	2.00	74.0	19.41	Peak	0.00	200	Horizontal	Pass
6**	16131.526	45.40	2.00	54.0	8.60	AV	0.00	200	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	1551.300	38.34	-17.15	74.0	35.66	Peak	232.00	300	Vertical	Pass
1**	1551.300	28.26	-17.15	54.0	25.74	AV	232.00	300	Vertical	Pass
2	4293.250	47.42	-4.91	74.0	26.58	Peak	287.00	200	Vertical	Pass
2**	4293.250	37.72	-4.91	54.0	16.28	AV	287.00	200	Vertical	Pass
3	5267.750	96.04	-2.81	--	--	Peak	161.00	150	Vertical	N/A
3**	5267.750	88.47	-2.81	--	--	AV	161.00	150	Vertical	N/A
4	7704.750	54.70	2.00	74.0	19.30	Peak	307.00	200	Vertical	Pass
4**	7704.750	44.45	2.00	54.0	9.55	AV	307.00	200	Vertical	Pass
5	11011.025	52.16	-1.69	74.0	21.84	Peak	261.00	100	Vertical	Pass
5**	11011.025	41.71	-1.69	54.0	12.29	AV	261.00	100	Vertical	Pass
6	16150.425	54.93	2.15	74.0	19.07	Peak	297.00	200	Vertical	Pass
6**	16150.425	45.28	2.15	54.0	8.72	AV	297.00	200	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	1616.300	37.91	-16.84	74.0	36.09	Peak	115.00	300	Horizontal	Pass
1**	1616.300	28.17	-16.84	54.0	25.83	AV	115.00	300	Horizontal	Pass
2	4335.750	47.38	-4.73	74.0	26.62	Peak	57.00	100	Horizontal	Pass
2**	4335.750	38.45	-4.73	54.0	15.55	AV	57.00	100	Horizontal	Pass
3	5308.250	99.15	-3.20	--	--	Peak	200.00	150	Horizontal	N/A
3**	5308.250	91.76	-3.20	--	--	AV	200.00	150	Horizontal	N/A
4	7510.000	52.80	0.35	74.0	21.20	Peak	16.00	400	Horizontal	Pass
4**	7510.000	43.68	0.35	54.0	10.32	AV	16.00	400	Horizontal	Pass
5	11087.025	52.71	-2.13	74.0	21.29	Peak	246.00	150	Horizontal	Pass
5**	11087.025	41.55	-2.13	54.0	12.45	AV	246.00	150	Horizontal	Pass
6	16121.287	55.20	1.92	74.0	18.80	Peak	249.00	400	Horizontal	Pass
6**	16121.287	45.15	1.92	54.0	8.85	AV	249.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.700	38.13	-16.82	74.0	35.87	Peak	180.00	400	Vertical	Pass
1**	1513.700	29.25	-16.82	54.0	24.75	AV	180.00	400	Vertical	Pass
2	4109.000	46.28	-5.64	74.0	27.72	Peak	19.00	300	Vertical	Pass
2**	4109.000	37.25	-5.64	54.0	16.75	AV	19.00	300	Vertical	Pass
3	5307.500	96.14	-3.34	--	--	Peak	263.00	100	Vertical	N/A
3**	5307.500	87.49	-3.34	--	--	AV	263.00	100	Vertical	N/A
4	7482.000	52.97	0.69	74.0	21.03	Peak	181.00	100	Vertical	Pass
4**	7482.000	42.65	0.69	54.0	11.35	AV	181.00	100	Vertical	Pass
5	12405.151	52.68	1.10	74.0	21.32	Peak	247.00	150	Vertical	Pass
5**	12405.151	42.81	1.10	54.0	11.19	AV	247.00	150	Vertical	Pass
6	16065.112	54.62	1.29	74.0	19.38	Peak	218.00	100	Vertical	Pass
6**	16065.112	45.24	1.29	54.0	8.76	AV	218.00	100	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	1442.800	37.81	-16.94	74.0	36.19	Peak	272.00	200	Horizontal	Pass
1**	1442.800	28.86	-16.94	54.0	25.14	AV	272.00	200	Horizontal	Pass
2	4206.750	46.61	-5.16	74.0	27.39	Peak	300.00	100	Horizontal	Pass
2**	4206.750	37.14	-5.16	54.0	16.86	AV	300.00	100	Horizontal	Pass
3	5261.250	101.51	-3.06	--	--	Peak	198.00	200	Horizontal	N/A
3**	5261.250	94.04	-3.06	--	--	AV	198.00	200	Horizontal	N/A
4	7368.750	53.03	0.87	74.0	20.97	Peak	159.00	400	Horizontal	Pass
4**	7368.750	42.79	0.87	54.0	11.21	AV	159.00	400	Horizontal	Pass
5	11974.799	52.54	-0.08	74.0	21.46	Peak	7.00	100	Horizontal	Pass
5**	11974.799	42.44	-0.08	54.0	11.56	AV	7.00	100	Horizontal	Pass
6	16144.650	54.55	2.11	74.0	19.45	Peak	96.00	200	Horizontal	Pass
6**	16144.650	45.19	2.11	54.0	8.81	AV	96.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.500	38.00	-16.99	74.0	36.00	Peak	57.00	100	Vertical	Pass
1**	1572.500	29.25	-16.99	54.0	24.75	AV	57.00	100	Vertical	Pass
2	4331.750	47.08	-4.61	74.0	26.92	Peak	77.00	400	Vertical	Pass
2**	4331.750	37.57	-4.61	54.0	16.43	AV	77.00	400	Vertical	Pass
3	5261.250	98.20	-3.06	--	--	Peak	161.00	200	Vertical	N/A
3**	5261.250	90.33	-3.06	--	--	AV	161.00	200	Vertical	N/A
4	7696.750	53.30	1.10	74.0	20.70	Peak	141.00	300	Vertical	Pass
4**	7696.750	44.19	1.10	54.0	9.81	AV	141.00	300	Vertical	Pass
5	12408.713	53.18	1.09	74.0	20.82	Peak	261.00	150	Vertical	Pass
5**	12408.713	43.69	1.09	54.0	10.31	AV	261.00	150	Vertical	Pass
6	16037.812	54.98	1.13	74.0	19.02	Peak	26.00	300	Vertical	Pass
6**	16037.812	45.02	1.13	54.0	8.98	AV	26.00	300	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	1452.600	38.14	-16.91	74.0	35.86	Peak	0.00	100	Horizontal	Pass
1**	1452.600	28.72	-16.91	54.0	25.28	AV	0.00	100	Horizontal	Pass
2	4283.250	47.20	-4.57	74.0	26.80	Peak	36.00	100	Horizontal	Pass
2**	4283.250	37.06	-4.57	54.0	16.94	AV	36.00	100	Horizontal	Pass
3	5301.500	101.62	-2.76	--	--	Peak	203.00	150	Horizontal	N/A
3**	5301.500	95.60	-2.76	--	--	AV	203.00	150	Horizontal	N/A
4	7668.000	52.68	0.81	74.0	21.32	Peak	36.00	400	Horizontal	Pass
4**	7668.000	43.58	0.81	54.0	10.42	AV	36.00	400	Horizontal	Pass
5	11507.875	52.45	-0.69	74.0	21.55	Peak	225.00	200	Horizontal	Pass
5**	11507.875	42.56	-0.69	54.0	11.44	AV	225.00	200	Horizontal	Pass
6	16106.849	54.78	1.81	74.0	19.22	Peak	288.00	200	Horizontal	Pass
6**	16106.849	46.04	1.81	54.0	7.96	AV	288.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.400	38.20	-16.87	74.0	35.80	Peak	302.00	300	Vertical	Pass
1**	1484.400	28.93	-16.87	54.0	25.07	AV	302.00	300	Vertical	Pass
2	4360.750	46.67	-4.90	74.0	27.33	Peak	240.00	200	Vertical	Pass
2**	4360.750	37.96	-4.90	54.0	16.04	AV	240.00	200	Vertical	Pass
3	5299.000	99.24	-2.59	--	--	Peak	283.00	150	Vertical	N/A
3**	5299.000	91.67	-2.59	--	--	AV	283.00	150	Vertical	N/A
4	7708.500	52.92	1.84	74.0	21.08	Peak	343.00	400	Vertical	Pass
4**	7708.500	44.80	1.84	54.0	9.20	AV	343.00	400	Vertical	Pass
5	12376.887	52.80	0.99	74.0	21.20	Peak	261.00	100	Vertical	Pass
5**	12376.887	42.24	0.99	54.0	11.76	AV	261.00	100	Vertical	Pass
6	15636.975	54.36	1.82	74.0	19.64	Peak	81.00	400	Vertical	Pass
6**	15636.975	44.69	1.82	54.0	9.31	AV	81.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.600	37.93	-16.86	74.0	36.07	Peak	318.00	300	Horizontal	Pass
1**	1496.600	28.92	-16.86	54.0	25.08	AV	318.00	300	Horizontal	Pass
2	4106.500	47.64	-5.89	74.0	26.36	Peak	16.00	300	Horizontal	Pass
2**	4106.500	37.09	-5.89	54.0	16.91	AV	16.00	300	Horizontal	Pass
3	5321.000	101.99	-3.04	--	--	Peak	196.00	100	Horizontal	N/A
3**	5321.000	94.20	-3.04	--	--	AV	196.00	100	Horizontal	N/A
4	7710.250	53.46	1.90	74.0	20.54	Peak	96.00	100	Horizontal	Pass
4**	7710.250	44.62	1.90	54.0	9.38	AV	96.00	100	Horizontal	Pass
5	12417.025	52.23	1.08	74.0	21.77	Peak	1.00	100	Horizontal	Pass
5**	12417.025	42.41	1.08	54.0	11.59	AV	1.00	100	Horizontal	Pass
6	15894.750	54.75	1.99	74.0	19.25	Peak	142.00	200	Horizontal	Pass
6**	15894.750	45.03	1.99	54.0	8.97	AV	142.00	200	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	1620.600	38.37	-16.95	74.0	35.63	Peak	265.00	200	Vertical	Pass
1**	1620.600	28.75	-16.95	54.0	25.25	AV	265.00	200	Vertical	Pass
2	4353.250	47.06	-4.60	74.0	26.94	Peak	298.00	200	Vertical	Pass
2**	4353.250	38.02	-4.60	54.0	15.98	AV	298.00	200	Vertical	Pass
3	5321.750	99.13	-2.80	--	--	Peak	280.00	100	Vertical	N/A
3**	5321.750	91.04	-2.80	--	--	AV	280.00	100	Vertical	N/A
4	7700.250	53.12	1.07	74.0	20.88	Peak	239.00	400	Vertical	Pass
4**	7700.250	43.93	1.07	54.0	10.07	AV	239.00	400	Vertical	Pass
5	10643.849	52.50	-2.90	74.0	21.50	Peak	229.00	200	Vertical	Pass
5**	10643.849	44.47	-2.90	54.0	9.53	AV	229.00	200	Vertical	Pass
6	16072.988	54.22	1.39	74.0	19.78	Peak	254.00	300	Vertical	Pass
6**	16072.988	45.50	1.39	54.0	8.50	AV	254.00	300	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	1481.200	39.17	-16.93	74.0	34.83	Peak	270.00	300	Horizontal	Pass
1**	1481.200	29.26	-16.93	54.0	24.74	AV	270.00	300	Horizontal	Pass
2	4255.500	48.13	-3.95	74.0	25.87	Peak	305.00	200	Horizontal	Pass
2**	4255.500	38.65	-3.95	54.0	15.35	AV	305.00	200	Horizontal	Pass
3	5268.500	99.23	-2.79	--	--	Peak	183.00	100	Horizontal	N/A
3**	5268.500	92.12	-2.79	--	--	AV	183.00	100	Horizontal	N/A
4	7710.750	53.41	1.87	74.0	20.59	Peak	121.00	400	Horizontal	Pass
4**	7710.750	43.96	1.87	54.0	10.04	AV	121.00	400	Horizontal	Pass
5	12397.550	52.44	1.09	74.0	21.56	Peak	23.00	200	Horizontal	Pass
5**	12397.550	42.82	1.09	54.0	11.18	AV	23.00	200	Horizontal	Pass
6	16097.925	54.50	1.72	74.0	19.50	Peak	67.00	100	Horizontal	Pass
6**	16097.925	45.16	1.72	54.0	8.84	AV	67.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.500	37.87	-17.10	74.0	36.13	Peak	321.00	400	Vertical	Pass
1**	1481.500	28.38	-17.10	54.0	25.62	AV	321.00	400	Vertical	Pass
2	4280.750	47.00	-4.71	74.0	27.00	Peak	79.00	400	Vertical	Pass
2**	4280.750	36.89	-4.71	54.0	17.11	AV	79.00	400	Vertical	Pass
3	5273.000	96.33	-2.62	--	--	Peak	140.00	100	Vertical	N/A
3**	5273.000	88.64	-2.62	--	--	AV	140.00	100	Vertical	N/A
4	7705.250	52.74	2.03	74.0	21.26	Peak	223.00	300	Vertical	Pass
4**	7705.250	45.42	2.03	54.0	8.58	AV	223.00	300	Vertical	Pass
5	12393.037	52.58	1.07	74.0	21.42	Peak	193.00	100	Vertical	Pass
5**	12393.037	42.91	1.07	54.0	11.09	AV	193.00	100	Vertical	Pass
6	15891.075	54.82	1.96	74.0	19.18	Peak	334.00	300	Vertical	Pass
6**	15891.075	44.66	1.96	54.0	9.34	AV	334.00	300	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	1446.200	38.06	-17.12	74.0	35.94	Peak	144.00	400	Horizontal	Pass
1**	1446.200	28.84	-17.12	54.0	25.16	AV	144.00	400	Horizontal	Pass
2	4372.750	46.80	-5.42	74.0	27.20	Peak	224.00	200	Horizontal	Pass
2**	4372.750	36.73	-5.42	54.0	17.27	AV	224.00	200	Horizontal	Pass
3	5307.000	99.58	-2.89	--	--	Peak	184.00	150	Horizontal	N/A
3**	5307.000	91.51	-2.89	--	--	AV	184.00	150	Horizontal	N/A
4	7729.500	52.85	0.82	74.0	21.15	Peak	0.00	400	Horizontal	Pass
4**	7729.500	44.41	0.82	54.0	9.59	AV	0.00	400	Horizontal	Pass
5	12530.312	53.10	1.26	74.0	20.90	Peak	350.00	100	Horizontal	Pass
5**	12530.312	42.68	1.26	54.0	11.32	AV	350.00	100	Horizontal	Pass
6	16037.812	54.88	1.13	74.0	19.12	Peak	360.00	200	Horizontal	Pass
6**	16037.812	45.27	1.13	54.0	8.73	AV	360.00	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	1592.000	38.57	-17.20	74.0	35.43	Peak	197.00	400	Vertical	Pass
1**	1592.000	28.04	-17.20	54.0	25.96	AV	197.00	400	Vertical	Pass
2	4323.250	48.03	-4.71	74.0	25.97	Peak	305.00	400	Vertical	Pass
2**	4323.250	37.59	-4.71	54.0	16.41	AV	305.00	400	Vertical	Pass
3	5305.250	96.44	-2.77	--	--	Peak	264.00	200	Vertical	N/A
3**	5305.250	89.38	-2.77	--	--	AV	264.00	200	Vertical	N/A
4	7714.250	53.63	1.56	74.0	20.37	Peak	360.00	400	Vertical	Pass
4**	7714.250	44.11	1.56	54.0	9.89	AV	360.00	400	Vertical	Pass
5	11509.775	52.17	-0.72	74.0	21.83	Peak	71.00	200	Vertical	Pass
5**	11509.775	42.69	-0.72	54.0	11.31	AV	71.00	200	Vertical	Pass
6	16120.237	54.66	1.91	74.0	19.34	Peak	40.00	400	Vertical	Pass
6**	16120.237	45.66	1.91	54.0	8.34	AV	40.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.800	38.27	-17.04	74.0	35.73	Peak	203.00	200	Horizontal	Pass
1**	1482.800	29.08	-17.04	54.0	24.92	AV	203.00	200	Horizontal	Pass
2	4323.000	46.89	-4.83	74.0	27.11	Peak	202.00	200	Horizontal	Pass
2**	4323.000	37.18	-4.83	54.0	16.82	AV	202.00	200	Horizontal	Pass
3	5294.750	96.91	-2.74	--	--	Peak	202.00	200	Horizontal	N/A
3**	5294.750	88.97	-2.74	--	--	AV	202.00	200	Horizontal	N/A
4	7701.750	53.06	1.40	74.0	20.94	Peak	360.00	300	Horizontal	Pass
4**	7701.750	45.13	1.40	54.0	8.87	AV	360.00	300	Horizontal	Pass
5	11515.000	52.48	-0.79	74.0	21.52	Peak	351.00	150	Horizontal	Pass
5**	11515.000	43.36	-0.79	54.0	10.64	AV	351.00	150	Horizontal	Pass
6	16100.287	54.84	1.75	74.0	19.16	Peak	207.00	300	Horizontal	Pass
6**	16100.287	45.93	1.75	54.0	8.07	AV	207.00	300	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	1440.900	37.83	-16.71	74.0	36.17	Peak	38.00	400	Vertical	Pass
1**	1440.900	28.97	-16.71	54.0	25.03	AV	38.00	400	Vertical	Pass
2	4303.750	46.68	-5.28	74.0	27.32	Peak	0.00	100	Vertical	Pass
2**	4303.750	37.74	-5.28	54.0	16.26	AV	0.00	100	Vertical	Pass
3	5296.250	92.90	-2.89	--	--	Peak	158.00	200	Vertical	N/A
3**	5296.250	84.94	-2.89	--	--	AV	158.00	200	Vertical	N/A
4	7690.500	52.82	0.67	74.0	21.18	Peak	360.00	300	Vertical	Pass
4**	7690.500	43.48	0.67	54.0	10.52	AV	360.00	300	Vertical	Pass
5	12408.475	52.95	1.10	74.0	21.05	Peak	137.00	150	Vertical	Pass
5**	12408.475	43.17	1.10	54.0	10.83	AV	137.00	150	Vertical	Pass
6	16111.575	54.52	1.84	74.0	19.48	Peak	111.00	100	Vertical	Pass
6**	16111.575	45.24	1.84	54.0	8.76	AV	111.00	100	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	1621.100	38.33	-16.80	74.0	35.67	Peak	360.00	400	Horizontal	Pass
1**	1621.100	28.90	-16.80	54.0	25.10	AV	360.00	400	Horizontal	Pass
2	4352.000	46.96	-4.80	74.0	27.04	Peak	260.00	200	Horizontal	Pass
2**	4352.000	38.35	-4.80	54.0	15.65	AV	260.00	200	Horizontal	Pass
3	5501.500	100.77	-2.83	--	--	Peak	219.00	150	Horizontal	N/A
3**	5501.500	93.55	-2.83	--	--	AV	219.00	150	Horizontal	N/A
4	7712.250	53.19	1.81	74.0	20.81	Peak	178.00	100	Horizontal	Pass
4**	7712.250	44.48	1.81	54.0	9.52	AV	178.00	100	Horizontal	Pass
5	11001.050	53.57	-1.42	74.0	20.43	Peak	222.00	100	Horizontal	Pass
5**	11001.050	46.05	-1.42	54.0	7.95	AV	222.00	100	Horizontal	Pass
6	16088.212	54.91	1.60	74.0	19.09	Peak	302.00	300	Horizontal	Pass
6**	16088.212	46.03	1.60	54.0	7.97	AV	302.00	300	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	1442.500	37.98	-16.84	74.0	36.02	Peak	17.00	100	Vertical	Pass
1**	1442.500	28.90	-16.84	54.0	25.10	AV	17.00	100	Vertical	Pass
2	4317.500	46.98	-5.39	74.0	27.02	Peak	137.00	200	Vertical	Pass
2**	4317.500	36.73	-5.39	54.0	17.27	AV	137.00	200	Vertical	Pass
3	5496.250	99.43	-2.43	--	--	Peak	278.00	150	Vertical	N/A
3**	5496.250	90.91	-2.43	--	--	AV	278.00	150	Vertical	N/A
4	7721.750	52.64	0.97	74.0	21.36	Peak	219.00	200	Vertical	Pass
4**	7721.750	43.57	0.97	54.0	10.43	AV	219.00	200	Vertical	Pass
5	10997.250	53.60	-1.50	74.0	20.40	Peak	218.00	100	Vertical	Pass
5**	10997.250	45.27	-1.50	54.0	8.73	AV	218.00	100	Vertical	Pass
6	16097.925	54.19	1.72	74.0	19.81	Peak	33.00	200	Vertical	Pass
6**	16097.925	45.63	1.72	54.0	8.37	AV	33.00	200	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	1604.100	38.41	-16.83	74.0	35.59	Peak	158.00	400	Horizontal	Pass
1**	1604.100	29.95	-16.83	54.0	24.05	AV	158.00	400	Horizontal	Pass
2	4337.250	47.61	-5.08	74.0	26.39	Peak	360.00	400	Horizontal	Pass
2**	4337.250	37.37	-5.08	54.0	16.63	AV	360.00	400	Horizontal	Pass
3	5581.250	101.22	-1.94	--	--	Peak	203.00	150	Horizontal	N/A
3**	5581.250	93.75	-1.94	--	--	AV	203.00	150	Horizontal	N/A
4	7736.250	53.09	0.44	74.0	20.91	Peak	121.00	400	Horizontal	Pass
4**	7736.250	44.38	0.44	54.0	9.62	AV	121.00	400	Horizontal	Pass
5	11157.800	54.63	-1.70	74.0	19.37	Peak	231.00	150	Horizontal	Pass
5**	11157.800	47.02	-1.70	54.0	6.98	AV	231.00	150	Horizontal	Pass
6	16112.099	54.84	1.85	74.0	19.16	Peak	342.00	200	Horizontal	Pass
6**	16112.099	46.88	1.85	54.0	7.12	AV	342.00	200	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	1458.800	38.06	-17.07	74.0	35.94	Peak	199.00	100	Vertical	Pass
1**	1458.800	28.77	-17.07	54.0	25.23	AV	199.00	100	Vertical	Pass
2	4040.000	47.10	-5.64	74.0	26.90	Peak	142.00	100	Vertical	Pass
2**	4040.000	37.77	-5.64	54.0	16.23	AV	142.00	100	Vertical	Pass
3	5581.250	100.91	-1.94	--	--	Peak	264.00	100	Vertical	N/A
3**	5581.250	93.30	-1.94	--	--	AV	264.00	100	Vertical	N/A
4	7710.250	53.49	1.90	74.0	20.51	Peak	264.00	100	Vertical	Pass
4**	7710.250	44.19	1.90	54.0	9.81	AV	264.00	100	Vertical	Pass
5	11161.125	53.92	-1.80	74.0	20.08	Peak	334.00	200	Vertical	Pass
5**	11161.125	43.64	-1.80	54.0	10.36	AV	334.00	200	Vertical	Pass
6	16078.763	54.47	1.47	74.0	19.53	Peak	242.00	200	Vertical	Pass
6**	16078.763	44.93	1.47	54.0	9.07	AV	242.00	200	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	1613.700	38.51	-16.80	74.0	35.49	Peak	42.00	100	Horizontal	Pass
1**	1613.700	28.78	-16.80	54.0	25.22	AV	42.00	100	Horizontal	Pass
2	4179.750	47.14	-5.21	74.0	26.86	Peak	130.00	300	Horizontal	Pass
2**	4179.750	38.16	-5.21	54.0	15.84	AV	130.00	300	Horizontal	Pass
3	5698.500	100.56	-2.31	--	--	Peak	200.00	100	Horizontal	N/A
3**	5698.500	92.97	-2.31	--	--	AV	200.00	100	Horizontal	N/A
4	7720.750	53.16	1.21	74.0	20.84	Peak	360.00	300	Horizontal	Pass
4**	7720.750	43.40	1.21	54.0	10.60	AV	360.00	300	Horizontal	Pass
5	11398.150	52.87	-1.76	74.0	21.13	Peak	248.00	100	Horizontal	Pass
5**	11398.150	43.86	-1.76	54.0	10.14	AV	248.00	100	Horizontal	Pass
6	15662.963	54.32	2.00	74.0	19.68	Peak	0.00	100	Horizontal	Pass
6**	15662.963	44.68	2.00	54.0	9.32	AV	0.00	100	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	1578.500	37.78	-17.01	74.0	36.22	Peak	299.00	100	Vertical	Pass
1**	1578.500	28.64	-17.01	54.0	25.36	AV	299.00	100	Vertical	Pass
2	4255.750	46.96	-3.94	74.0	27.04	Peak	183.00	300	Vertical	Pass
2**	4255.750	37.91	-3.94	54.0	16.09	AV	183.00	300	Vertical	Pass
3	5702.000	99.03	-2.45	--	--	Peak	264.00	100	Vertical	N/A
3**	5702.000	90.76	-2.45	--	--	AV	264.00	100	Vertical	N/A
4	7422.000	52.72	1.29	74.0	21.28	Peak	183.00	100	Vertical	Pass
4**	7422.000	44.08	1.29	54.0	9.92	AV	183.00	100	Vertical	Pass
5	12436.263	52.35	1.06	74.0	21.65	Peak	299.00	150	Vertical	Pass
5**	12436.263	42.93	1.06	54.0	11.07	AV	299.00	150	Vertical	Pass
6	15659.550	55.30	2.04	74.0	18.70	Peak	126.00	200	Vertical	Pass
6**	15659.550	44.96	2.04	54.0	9.04	AV	126.00	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	1575.600	37.83	-16.85	74.0	36.17	Peak	145.00	300	Horizontal	Pass
1**	1575.600	29.08	-16.85	54.0	24.92	AV	145.00	300	Horizontal	Pass
2	4365.500	47.21	-4.71	74.0	26.79	Peak	321.00	300	Horizontal	Pass
2**	4365.500	37.67	-4.71	54.0	16.33	AV	321.00	300	Horizontal	Pass
3	5499.000	100.42	-2.62	--	--	Peak	219.00	200	Horizontal	N/A
3**	5499.000	93.54	-2.62	--	--	AV	219.00	200	Horizontal	N/A
4	7419.250	52.37	1.23	74.0	21.63	Peak	16.00	400	Horizontal	Pass
4**	7419.250	44.88	1.23	54.0	9.12	AV	16.00	400	Horizontal	Pass
5	10999.862	53.57	-1.40	74.0	20.43	Peak	239.00	150	Horizontal	Pass
5**	10999.862	45.91	-1.40	54.0	8.09	AV	239.00	150	Horizontal	Pass
6	15675.300	54.25	1.87	74.0	19.75	Peak	241.00	200	Horizontal	Pass
6**	15675.300	44.89	1.87	54.0	9.11	AV	241.00	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	1456.800	38.22	-17.16	74.0	35.78	Peak	360.00	200	Vertical	Pass
1**	1456.800	28.77	-17.16	54.0	25.23	AV	360.00	200	Vertical	Pass
2	4250.250	47.06	-4.21	74.0	26.94	Peak	345.00	400	Vertical	Pass
2**	4250.250	37.54	-4.21	54.0	16.46	AV	345.00	400	Vertical	Pass
3	5501.000	98.81	-2.83	--	--	Peak	283.00	150	Vertical	N/A
3**	5501.000	91.33	-2.83	--	--	AV	283.00	150	Vertical	N/A
4	7677.000	53.42	1.01	74.0	20.58	Peak	263.00	200	Vertical	Pass
4**	7677.000	44.53	1.01	54.0	9.47	AV	263.00	200	Vertical	Pass
5	10998.912	55.94	-1.43	74.0	18.06	Peak	225.00	150	Vertical	Pass
5**	10998.912	45.92	-1.43	54.0	8.08	AV	225.00	150	Vertical	Pass
6	16120.237	55.14	1.91	74.0	18.86	Peak	341.00	300	Vertical	Pass
6**	16120.237	45.71	1.91	54.0	8.29	AV	341.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1478.600	37.87	-16.97	74.0	36.13	Peak	50.00	200	Horizontal	Pass
1**	1478.600	28.16	-16.97	54.0	25.84	AV	50.00	200	Horizontal	Pass
2	4305.500	47.13	-5.12	74.0	26.87	Peak	222.00	100	Horizontal	Pass
2**	4305.500	37.80	-5.12	54.0	16.20	AV	222.00	100	Horizontal	Pass
3	5579.000	101.19	-2.09	--	--	Peak	200.00	150	Horizontal	N/A
3**	5579.000	93.92	-2.09	--	--	AV	200.00	150	Horizontal	N/A
4	7706.250	52.88	1.54	74.0	21.12	Peak	200.00	100	Horizontal	Pass
4**	7706.250	44.22	1.54	54.0	9.78	AV	200.00	100	Horizontal	Pass
5	11158.750	54.32	-1.73	74.0	19.68	Peak	239.00	200	Horizontal	Pass
5**	11158.750	45.70	-1.73	54.0	8.30	AV	239.00	200	Horizontal	Pass
6	16146.487	54.48	2.12	74.0	19.52	Peak	1.00	400	Horizontal	Pass
6**	16146.487	45.97	2.12	54.0	8.03	AV	1.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1609.400	37.83	-16.92	74.0	36.17	Peak	274.00	300	Vertical	Pass
1**	1609.400	29.69	-16.92	54.0	24.31	AV	274.00	300	Vertical	Pass
2	4398.250	46.66	-5.08	74.0	27.34	Peak	36.00	100	Vertical	Pass
2**	4398.250	37.93	-5.08	54.0	16.07	AV	36.00	100	Vertical	Pass
3	5577.250	100.33	-1.99	--	--	Peak	283.00	200	Vertical	N/A
3**	5577.250	93.35	-1.99	--	--	AV	283.00	200	Vertical	N/A
4	7338.500	53.24	-0.30	74.0	20.76	Peak	57.00	200	Vertical	Pass
4**	7338.500	43.58	-0.30	54.0	10.42	AV	57.00	200	Vertical	Pass
5	11156.612	55.28	-1.66	74.0	18.72	Peak	229.00	200	Vertical	Pass
5**	11156.612	46.74	-1.66	54.0	7.26	AV	229.00	200	Vertical	Pass
6	16085.850	54.26	1.56	74.0	19.74	Peak	251.00	200	Vertical	Pass
6**	16085.850	45.44	1.56	54.0	8.56	AV	251.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.800	38.48	-16.59	74.0	35.52	Peak	347.00	400	Horizontal	Pass
1**	1592.800	29.46	-16.59	54.0	24.54	AV	347.00	400	Horizontal	Pass
2	4249.250	47.72	-4.39	74.0	26.28	Peak	142.00	200	Horizontal	Pass
2**	4249.250	37.66	-4.39	54.0	16.34	AV	142.00	200	Horizontal	Pass
3	5702.000	99.92	-2.45	--	--	Peak	203.00	100	Horizontal	N/A
3**	5702.000	91.89	-2.45	--	--	AV	203.00	100	Horizontal	N/A
4	7419.750	53.42	1.28	74.0	20.58	Peak	246.00	200	Horizontal	Pass
4**	7419.750	44.71	1.28	54.0	9.29	AV	246.00	200	Horizontal	Pass
5	11703.812	53.44	-0.49	74.0	20.56	Peak	155.00	150	Horizontal	Pass
5**	11703.812	42.76	-0.49	54.0	11.24	AV	155.00	150	Horizontal	Pass
6	15669.000	55.18	1.94	74.0	18.82	Peak	26.00	400	Horizontal	Pass
6**	15669.000	45.31	1.94	54.0	8.69	AV	26.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.000	38.25	-16.77	74.0	35.75	Peak	242.00	300	Vertical	Pass
1**	1531.000	29.15	-16.77	54.0	24.85	AV	242.00	300	Vertical	Pass
2	4300.250	47.22	-5.32	74.0	26.78	Peak	16.00	400	Vertical	Pass
2**	4300.250	37.68	-5.32	54.0	16.32	AV	16.00	400	Vertical	Pass
3	5702.750	98.82	-2.40	--	--	Peak	281.00	200	Vertical	N/A
3**	5702.750	90.74	-2.40	--	--	AV	281.00	200	Vertical	N/A
4	7712.500	53.66	1.73	74.0	20.34	Peak	325.00	400	Vertical	Pass
4**	7712.500	44.64	1.73	54.0	9.36	AV	325.00	400	Vertical	Pass
5	11738.724	52.64	-0.27	74.0	21.36	Peak	201.00	100	Vertical	Pass
5**	11738.724	42.87	-0.27	54.0	11.13	AV	201.00	100	Vertical	Pass
6	16133.363	54.52	2.02	74.0	19.48	Peak	0.00	200	Vertical	Pass
6**	16133.363	46.30	2.02	54.0	7.70	AV	0.00	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	1579.000	38.98	-16.84	74.0	35.02	Peak	110.00	300	Horizontal	Pass
1**	1579.000	28.55	-16.84	54.0	25.45	AV	110.00	300	Horizontal	Pass
2	4352.000	47.50	-4.80	74.0	26.50	Peak	223.00	200	Horizontal	Pass
2**	4352.000	37.94	-4.80	54.0	16.06	AV	223.00	200	Horizontal	Pass
3	5506.750	99.14	-3.09	--	--	Peak	203.00	200	Horizontal	N/A
3**	5506.750	91.79	-3.09	--	--	AV	203.00	200	Horizontal	N/A
4	7492.500	53.57	1.22	74.0	20.43	Peak	164.00	400	Horizontal	Pass
4**	7492.500	44.16	1.22	54.0	9.84	AV	164.00	400	Horizontal	Pass
5	11797.862	52.79	-0.15	74.0	21.21	Peak	139.00	150	Horizontal	Pass
5**	11797.862	44.95	-0.15	54.0	9.05	AV	139.00	150	Horizontal	Pass
6	16076.662	55.16	1.44	74.0	18.84	Peak	72.00	400	Horizontal	Pass
6**	16076.662	46.17	1.44	54.0	7.83	AV	72.00	400	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	1618.900	38.64	-16.90	74.0	35.36	Peak	115.00	200	Vertical	Pass
1**	1618.900	29.03	-16.90	54.0	24.97	AV	115.00	200	Vertical	Pass
2	4320.250	47.56	-5.36	74.0	26.44	Peak	57.00	100	Vertical	Pass
2**	4320.250	37.90	-5.36	54.0	16.10	AV	57.00	100	Vertical	Pass
3	5508.000	98.21	-3.04	--	--	Peak	239.00	100	Vertical	N/A
3**	5508.000	90.55	-3.04	--	--	AV	239.00	100	Vertical	N/A
4	7682.750	53.56	0.69	74.0	20.44	Peak	16.00	300	Vertical	Pass
4**	7682.750	43.81	0.69	54.0	10.19	AV	16.00	300	Vertical	Pass
5	11010.076	53.32	-1.67	74.0	20.68	Peak	227.00	200	Vertical	Pass
5**	11010.076	44.74	-1.67	54.0	9.26	AV	227.00	200	Vertical	Pass
6	16147.013	55.66	2.13	74.0	18.34	Peak	239.00	300	Vertical	Pass
6**	16147.013	45.29	2.13	54.0	8.71	AV	239.00	300	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	1525.900	38.59	-17.12	74.0	35.41	Peak	308.00	200	Horizontal	Pass
1**	1525.900	28.89	-17.12	54.0	25.11	AV	308.00	200	Horizontal	Pass
2	4288.000	47.70	-4.55	74.0	26.30	Peak	178.00	400	Horizontal	Pass
2**	4288.000	38.43	-4.55	54.0	15.57	AV	178.00	400	Horizontal	Pass
3	5586.000	98.99	-2.11	--	--	Peak	220.00	100	Horizontal	N/A
3**	5586.000	91.13	-2.11	--	--	AV	220.00	100	Horizontal	N/A
4	7716.250	53.64	1.36	74.0	20.36	Peak	77.00	400	Horizontal	Pass
4**	7716.250	43.66	1.36	54.0	10.34	AV	77.00	400	Horizontal	Pass
5	11801.662	53.16	-0.16	74.0	20.84	Peak	254.00	200	Horizontal	Pass
5**	11801.662	43.64	-0.16	54.0	10.36	AV	254.00	200	Horizontal	Pass
6	15665.063	54.62	1.98	74.0	19.38	Peak	336.00	200	Horizontal	Pass
6**	15665.063	45.74	1.98	54.0	8.26	AV	336.00	200	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	1497.900	38.51	-16.85	74.0	35.49	Peak	55.00	200	Vertical	Pass
1**	1497.900	29.53	-16.85	54.0	24.47	AV	55.00	200	Vertical	Pass
2	4241.750	47.50	-4.72	74.0	26.50	Peak	256.00	300	Vertical	Pass
2**	4241.750	39.44	-4.72	54.0	14.56	AV	256.00	300	Vertical	Pass
3	5592.750	98.52	-2.29	--	--	Peak	276.00	150	Vertical	N/A
3**	5592.750	91.10	-2.29	--	--	AV	276.00	150	Vertical	N/A
4	7707.250	53.25	1.56	74.0	20.75	Peak	196.00	400	Vertical	Pass
4**	7707.250	44.36	1.56	54.0	9.64	AV	196.00	400	Vertical	Pass
5	11761.762	52.77	-0.18	74.0	21.23	Peak	230.00	150	Vertical	Pass
5**	11761.762	43.26	-0.18	54.0	10.74	AV	230.00	150	Vertical	Pass
6	16182.713	54.44	1.93	74.0	19.56	Peak	314.00	300	Vertical	Pass
6**	16182.713	45.35	1.93	54.0	8.65	AV	314.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1448.000	39.62	-16.81	74.0	34.38	Peak	59.00	300	Horizontal	Pass
1**	1448.000	30.15	-16.81	54.0	23.85	AV	59.00	300	Horizontal	Pass
2	4253.000	46.75	-4.43	74.0	27.25	Peak	0.00	100	Horizontal	Pass
2**	4253.000	37.77	-4.43	54.0	16.23	AV	0.00	100	Horizontal	Pass
3	5672.000	99.04	-2.66	--	--	Peak	179.00	150	Horizontal	N/A
3**	5672.000	91.96	-2.66	--	--	AV	179.00	150	Horizontal	N/A
4	7719.750	53.81	1.03	74.0	20.19	Peak	42.00	200	Horizontal	Pass
4**	7719.750	43.78	1.03	54.0	10.22	AV	42.00	200	Horizontal	Pass
5	11339.725	52.67	-2.38	74.0	21.33	Peak	249.00	200	Horizontal	Pass
5**	11339.725	44.74	-2.38	54.0	9.26	AV	249.00	200	Horizontal	Pass
6	16133.625	54.91	2.02	74.0	19.09	Peak	360.00	200	Horizontal	Pass
6**	16133.625	46.47	2.02	54.0	7.53	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1553.500	38.03	-17.59	74.0	35.97	Peak	273.00	400	Vertical	Pass
1**	1553.500	28.04	-17.59	54.0	25.96	AV	273.00	400	Vertical	Pass
2	4253.750	47.63	-4.20	74.0	26.37	Peak	343.00	400	Vertical	Pass
2**	4253.750	38.42	-4.20	54.0	15.58	AV	343.00	400	Vertical	Pass
3	5671.750	98.28	-2.34	--	--	Peak	261.00	200	Vertical	N/A
3**	5671.750	91.48	-2.34	--	--	AV	261.00	200	Vertical	N/A
4	7712.000	54.03	1.91	74.0	19.97	Peak	322.00	200	Vertical	Pass
4**	7712.000	44.97	1.91	54.0	9.03	AV	322.00	200	Vertical	Pass
5	11794.300	53.63	-0.15	74.0	20.37	Peak	120.00	150	Vertical	Pass
5**	11794.300	43.53	-0.15	54.0	10.47	AV	120.00	150	Vertical	Pass
6	16054.875	55.01	1.15	74.0	18.99	Peak	316.00	300	Vertical	Pass
6**	16054.875	45.50	1.15	54.0	8.50	AV	316.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.600	38.19	-16.97	74.0	35.81	Peak	180.00	200	Horizontal	Pass
1**	1621.600	28.77	-16.97	54.0	25.23	AV	180.00	200	Horizontal	Pass
2	4246.000	46.81	-4.48	74.0	27.19	Peak	344.00	400	Horizontal	Pass
2**	4246.000	38.39	-4.48	54.0	15.61	AV	344.00	400	Horizontal	Pass
3	5498.750	101.75	-2.54	--	--	Peak	200.00	150	Horizontal	N/A
3**	5498.750	94.33	-2.54	--	--	AV	200.00	150	Horizontal	N/A
4	7708.000	52.97	1.69	74.0	21.03	Peak	35.00	400	Horizontal	Pass
4**	7708.000	44.92	1.69	54.0	9.08	AV	35.00	400	Horizontal	Pass
5	11002.237	54.24	-1.45	74.0	19.76	Peak	234.00	150	Horizontal	Pass
5**	11002.237	46.53	-1.45	54.0	7.47	AV	234.00	150	Horizontal	Pass
6	16132.838	54.68	2.01	74.0	19.32	Peak	60.00	100	Horizontal	Pass
6**	16132.838	45.29	2.01	54.0	8.71	AV	60.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1577.100	38.04	-17.03	74.0	35.96	Peak	33.00	100	Vertical	Pass
1**	1577.100	28.31	-17.03	54.0	25.69	AV	33.00	100	Vertical	Pass
2	4095.500	46.75	-5.76	74.0	27.25	Peak	69.00	200	Vertical	Pass
2**	4095.500	36.81	-5.76	54.0	17.19	AV	69.00	200	Vertical	Pass
3	5498.250	100.89	-2.67	--	--	Peak	247.00	150	Vertical	N/A
3**	5498.250	92.85	-2.67	--	--	AV	247.00	150	Vertical	N/A
4	7499.500	53.18	0.45	74.0	20.82	Peak	247.00	300	Vertical	Pass
4**	7499.500	43.28	0.45	54.0	10.72	AV	247.00	300	Vertical	Pass
5	11003.900	56.39	-1.50	74.0	17.61	Peak	222.00	100	Vertical	Pass
5**	11003.900	45.32	-1.50	54.0	8.68	AV	222.00	100	Vertical	Pass
6	16095.563	54.69	1.69	74.0	19.31	Peak	121.00	400	Vertical	Pass
6**	16095.563	46.31	1.69	54.0	7.69	AV	121.00	400	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	1456.400	38.36	-17.05	74.0	35.64	Peak	0.00	300	Horizontal	Pass
1**	1456.400	28.49	-17.05	54.0	25.51	AV	0.00	300	Horizontal	Pass
2	4306.500	47.45	-5.21	74.0	26.55	Peak	98.00	400	Horizontal	Pass
2**	4306.500	39.13	-5.21	54.0	14.87	AV	98.00	400	Horizontal	Pass
3	5580.500	101.88	-1.86	--	--	Peak	203.00	200	Horizontal	N/A
3**	5580.500	94.22	-1.86	--	--	AV	203.00	200	Horizontal	N/A
4	7452.750	53.90	0.34	74.0	20.10	Peak	334.00	200	Horizontal	Pass
4**	7452.750	43.58	0.34	54.0	10.42	AV	334.00	200	Horizontal	Pass
5	11159.700	54.57	-1.76	74.0	19.43	Peak	230.00	100	Horizontal	Pass
5**	11159.700	46.02	-1.76	54.0	7.98	AV	230.00	100	Horizontal	Pass
6	16123.388	54.69	1.94	74.0	19.31	Peak	344.00	100	Horizontal	Pass
6**	16123.388	45.75	1.94	54.0	8.25	AV	344.00	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	1615.300	38.05	-17.10	74.0	35.95	Peak	198.00	400	Vertical	Pass
1**	1615.300	28.99	-17.10	54.0	25.01	AV	198.00	400	Vertical	Pass
2	4306.750	47.32	-5.27	74.0	26.68	Peak	360.00	300	Vertical	Pass
2**	4306.750	39.19	-5.27	54.0	14.81	AV	360.00	300	Vertical	Pass
3	5578.750	101.96	-2.08	--	--	Peak	273.00	200	Vertical	N/A
3**	5578.750	94.04	-2.08	--	--	AV	273.00	200	Vertical	N/A
4	7687.000	53.37	1.20	74.0	20.63	Peak	251.00	100	Vertical	Pass
4**	7687.000	45.42	1.20	54.0	8.58	AV	251.00	100	Vertical	Pass
5	11162.313	55.49	-1.84	74.0	18.51	Peak	217.00	200	Vertical	Pass
5**	11162.313	45.52	-1.84	54.0	8.48	AV	217.00	200	Vertical	Pass
6	16087.162	54.50	1.58	74.0	19.50	Peak	212.00	400	Vertical	Pass
6**	16087.162	45.12	1.58	54.0	8.88	AV	212.00	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	1531.900	38.44	-16.93	74.0	35.56	Peak	0.00	300	Horizontal	Pass
1**	1531.900	29.13	-16.93	54.0	24.87	AV	0.00	300	Horizontal	Pass
2	4346.000	47.26	-4.92	74.0	26.74	Peak	0.00	100	Horizontal	Pass
2**	4346.000	37.45	-4.92	54.0	16.55	AV	0.00	100	Horizontal	Pass
3	5701.500	101.12	-2.41	--	--	Peak	198.00	100	Horizontal	N/A
3**	5701.500	94.34	-2.41	--	--	AV	198.00	100	Horizontal	N/A
4	7714.750	53.37	1.62	74.0	20.63	Peak	360.00	300	Horizontal	Pass
4**	7714.750	44.25	1.62	54.0	9.75	AV	360.00	300	Horizontal	Pass
5	11403.375	53.90	-1.71	74.0	20.10	Peak	261.00	150	Horizontal	Pass
5**	11403.375	44.53	-1.71	54.0	9.47	AV	261.00	150	Horizontal	Pass
6	16106.063	54.57	1.80	74.0	19.43	Peak	59.00	300	Horizontal	Pass
6**	16106.063	45.87	1.80	54.0	8.13	AV	59.00	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	1588.700	38.44	-17.33	74.0	35.56	Peak	52.00	400	Vertical	Pass
1**	1588.700	28.18	-17.33	54.0	25.82	AV	52.00	400	Vertical	Pass
2	4244.500	47.35	-4.60	74.0	26.65	Peak	242.00	100	Vertical	Pass
2**	4244.500	38.99	-4.60	54.0	15.01	AV	242.00	100	Vertical	Pass
3	5701.250	100.47	-2.33	--	--	Peak	285.00	100	Vertical	N/A
3**	5701.250	92.64	-2.33	--	--	AV	285.00	100	Vertical	N/A
4	7703.500	53.53	1.35	74.0	20.47	Peak	307.00	200	Vertical	Pass
4**	7703.500	44.12	1.35	54.0	9.88	AV	307.00	200	Vertical	Pass
5	11796.200	53.36	-0.15	74.0	20.64	Peak	251.00	200	Vertical	Pass
5**	11796.200	45.01	-0.15	54.0	8.99	AV	251.00	200	Vertical	Pass
6	16056.713	55.26	1.18	74.0	18.74	Peak	0.00	100	Vertical	Pass
6**	16056.713	44.84	1.18	54.0	9.16	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.200	38.43	-16.76	74.0	35.57	Peak	181.00	100	Horizontal	Pass
1**	1621.200	28.96	-16.76	54.0	25.04	AV	181.00	100	Horizontal	Pass
2	4255.250	47.02	-4.03	74.0	26.98	Peak	70.00	300	Horizontal	Pass
2**	4255.250	38.11	-4.03	54.0	15.89	AV	70.00	300	Horizontal	Pass
3	5513.250	98.66	-3.09	--	--	Peak	195.00	150	Horizontal	N/A
3**	5513.250	91.09	-3.09	--	--	AV	195.00	150	Horizontal	N/A
4	7711.750	54.66	2.04	74.0	19.34	Peak	152.00	400	Horizontal	Pass
4**	7711.750	45.06	2.04	54.0	8.94	AV	152.00	400	Horizontal	Pass
5	11016.013	53.13	-1.83	74.0	20.87	Peak	232.00	150	Horizontal	Pass
5**	11016.013	43.73	-1.83	54.0	10.27	AV	232.00	150	Horizontal	Pass
6	16129.424	54.92	1.99	74.0	19.08	Peak	223.00	100	Horizontal	Pass
6**	16129.424	45.79	1.99	54.0	8.21	AV	223.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1618.500	38.15	-16.99	74.0	35.85	Peak	101.00	300	Vertical	Pass
1**	1618.500	29.46	-16.99	54.0	24.54	AV	101.00	300	Vertical	Pass
2	4322.750	47.01	-4.95	74.0	26.99	Peak	235.00	100	Vertical	Pass
2**	4322.750	37.54	-4.95	54.0	16.46	AV	235.00	100	Vertical	Pass
3	5507.500	97.68	-3.21	--	--	Peak	259.00	100	Vertical	N/A
3**	5507.500	90.27	-3.21	--	--	AV	259.00	100	Vertical	N/A
4	7704.250	53.43	1.69	74.0	20.57	Peak	103.00	300	Vertical	Pass
4**	7704.250	45.25	1.69	54.0	8.75	AV	103.00	300	Vertical	Pass
5	11016.724	53.59	-1.85	74.0	20.41	Peak	224.00	200	Vertical	Pass
5**	11016.724	45.50	-1.85	54.0	8.50	AV	224.00	200	Vertical	Pass
6	16134.938	55.05	2.03	74.0	18.95	Peak	207.00	100	Vertical	Pass
6**	16134.938	46.17	2.03	54.0	7.83	AV	207.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.100	38.30	-16.49	74.0	35.70	Peak	89.00	400	Horizontal	Pass
1**	1512.100	28.99	-16.49	54.0	25.01	AV	89.00	400	Horizontal	Pass
2	4263.750	47.41	-4.69	74.0	26.59	Peak	300.00	300	Horizontal	Pass
2**	4263.750	39.13	-4.69	54.0	14.87	AV	300.00	300	Horizontal	Pass
3	5579.750	98.57	-1.95	--	--	Peak	219.00	200	Horizontal	N/A
3**	5579.750	90.74	-1.95	--	--	AV	219.00	200	Horizontal	N/A
4	7704.750	53.88	2.00	74.0	20.12	Peak	137.00	400	Horizontal	Pass
4**	7704.750	44.68	2.00	54.0	9.32	AV	137.00	400	Horizontal	Pass
5	11787.888	53.14	-0.16	74.0	20.86	Peak	319.00	100	Horizontal	Pass
5**	11787.888	43.21	-0.16	54.0	10.79	AV	319.00	100	Horizontal	Pass
6	16164.338	54.87	2.05	74.0	19.13	Peak	263.00	400	Horizontal	Pass
6**	16164.338	45.74	2.05	54.0	8.26	AV	263.00	400	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	1613.100	38.34	-16.60	74.0	35.66	Peak	315.00	100	Vertical	Pass
1**	1613.100	28.78	-16.60	54.0	25.22	AV	315.00	100	Vertical	Pass
2	4200.500	47.37	-5.32	74.0	26.63	Peak	360.00	200	Vertical	Pass
2**	4200.500	37.45	-5.32	54.0	16.55	AV	360.00	200	Vertical	Pass
3	5588.250	99.22	-2.22	--	--	Peak	275.00	150	Vertical	N/A
3**	5588.250	91.54	-2.22	--	--	AV	275.00	150	Vertical	N/A
4	7707.000	53.30	1.71	74.0	20.70	Peak	0.00	200	Vertical	Pass
4**	7707.000	45.04	1.71	54.0	8.96	AV	0.00	200	Vertical	Pass
5	11763.900	52.79	-0.18	74.0	21.21	Peak	275.00	150	Vertical	Pass
5**	11763.900	43.39	-0.18	54.0	10.61	AV	275.00	150	Vertical	Pass
6	16092.412	55.03	1.65	74.0	18.97	Peak	343.00	400	Vertical	Pass
6**	16092.412	46.10	1.65	54.0	7.90	AV	343.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.800	38.10	-16.89	74.0	35.90	Peak	360.00	200	Horizontal	Pass
1**	1513.800	28.61	-16.89	54.0	25.39	AV	360.00	200	Horizontal	Pass
2	4285.500	47.30	-4.49	74.0	26.70	Peak	244.00	300	Horizontal	Pass
2**	4285.500	38.74	-4.49	54.0	15.26	AV	244.00	300	Horizontal	Pass
3	5667.750	97.85	-2.64	--	--	Peak	183.00	150	Horizontal	N/A
3**	5667.750	90.48	-2.64	--	--	AV	183.00	150	Horizontal	N/A
4	7434.500	53.38	0.53	74.0	20.62	Peak	164.00	300	Horizontal	Pass
4**	7434.500	44.53	0.53	54.0	9.47	AV	164.00	300	Horizontal	Pass
5	11708.325	52.77	-0.46	74.0	21.23	Peak	239.00	200	Horizontal	Pass
5**	11708.325	43.34	-0.46	54.0	10.66	AV	239.00	200	Horizontal	Pass
6	15901.050	55.30	2.01	74.0	18.70	Peak	331.00	200	Horizontal	Pass
6**	15901.050	46.17	2.01	54.0	7.83	AV	331.00	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	1580.400	38.22	-17.17	74.0	35.78	Peak	117.00	100	Vertical	Pass
1**	1580.400	28.36	-17.17	54.0	25.64	AV	117.00	100	Vertical	Pass
2	4267.250	47.34	-4.82	74.0	26.66	Peak	135.00	300	Vertical	Pass
2**	4267.250	38.21	-4.82	54.0	15.79	AV	135.00	300	Vertical	Pass
3	5668.500	98.14	-2.61	--	--	Peak	258.00	150	Vertical	N/A
3**	5668.500	89.96	-2.61	--	--	AV	258.00	150	Vertical	N/A
4	7703.000	53.99	1.14	74.0	20.01	Peak	94.00	300	Vertical	Pass
4**	7703.000	44.29	1.14	54.0	9.71	AV	94.00	300	Vertical	Pass
5	11762.475	52.66	-0.18	74.0	21.34	Peak	147.00	200	Vertical	Pass
5**	11762.475	43.73	-0.18	54.0	10.27	AV	147.00	200	Vertical	Pass
6	15901.575	55.19	2.00	74.0	18.81	Peak	298.00	200	Vertical	Pass
6**	15901.575	46.15	2.00	54.0	7.85	AV	298.00	200	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	1594.200	38.67	-16.94	74.0	35.33	Peak	81.00	200	Horizontal	Pass
1**	1594.200	28.44	-16.94	54.0	25.56	AV	81.00	200	Horizontal	Pass
2	4306.000	47.94	-5.44	74.0	26.06	Peak	319.00	300	Horizontal	Pass
2**	4306.000	38.79	-5.44	54.0	15.21	AV	319.00	300	Horizontal	Pass
3	5520.000	96.38	-2.64	--	--	Peak	217.00	150	Horizontal	N/A
3**	5520.000	87.77	-2.64	--	--	AV	217.00	150	Horizontal	N/A
4	7713.750	53.35	1.83	74.0	20.65	Peak	36.00	100	Horizontal	Pass
4**	7713.750	44.83	1.83	54.0	9.17	AV	36.00	100	Horizontal	Pass
5	11796.437	52.89	-0.15	74.0	21.11	Peak	354.00	100	Horizontal	Pass
5**	11796.437	43.66	-0.15	54.0	10.34	AV	354.00	100	Horizontal	Pass
6	16126.012	54.75	1.96	74.0	19.25	Peak	36.00	100	Horizontal	Pass
6**	16126.012	45.54	1.96	54.0	8.46	AV	36.00	100	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	1581.300	38.86	-16.95	74.0	35.14	Peak	0.00	100	Vertical	Pass
1**	1581.300	29.06	-16.95	54.0	24.94	AV	0.00	100	Vertical	Pass
2	4306.250	47.70	-5.20	74.0	26.30	Peak	360.00	100	Vertical	Pass
2**	4306.250	40.31	-5.20	54.0	13.69	AV	360.00	100	Vertical	Pass
3	5536.000	95.67	-2.52	--	--	Peak	257.00	100	Vertical	N/A
3**	5536.000	87.67	-2.52	--	--	AV	257.00	100	Vertical	N/A
4	7713.000	53.22	1.75	74.0	20.78	Peak	116.00	100	Vertical	Pass
4**	7713.000	44.72	1.75	54.0	9.28	AV	116.00	100	Vertical	Pass
5	11767.463	52.66	-0.18	74.0	21.34	Peak	32.00	200	Vertical	Pass
5**	11767.463	44.44	-0.18	54.0	9.56	AV	32.00	200	Vertical	Pass
6	16100.550	55.34	1.76	74.0	18.66	Peak	164.00	200	Vertical	Pass
6**	16100.550	45.73	1.76	54.0	8.27	AV	164.00	200	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	1498.300	37.90	-16.91	74.0	36.10	Peak	125.00	400	Horizontal	Pass
1**	1498.300	29.57	-16.91	54.0	24.43	AV	125.00	400	Horizontal	Pass
2	4320.500	47.49	-5.01	74.0	26.51	Peak	1.00	400	Horizontal	Pass
2**	4320.500	37.89	-5.01	54.0	16.11	AV	1.00	400	Horizontal	Pass
3	5616.250	96.00	-2.67	--	--	Peak	203.00	100	Horizontal	N/A
3**	5616.250	87.81	-2.67	--	--	AV	203.00	100	Horizontal	N/A
4	7514.000	53.16	0.20	74.0	20.84	Peak	360.00	100	Horizontal	Pass
4**	7514.000	43.16	0.20	54.0	10.84	AV	360.00	100	Horizontal	Pass
5	11268.475	52.78	-1.24	74.0	21.22	Peak	241.00	150	Horizontal	Pass
5**	11268.475	42.41	-1.24	54.0	11.59	AV	241.00	150	Horizontal	Pass
6	15884.775	54.38	1.91	74.0	19.62	Peak	234.00	400	Horizontal	Pass
6**	15884.775	45.36	1.91	54.0	8.64	AV	234.00	400	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	1551.900	38.74	-17.15	74.0	35.26	Peak	261.00	300	Vertical	Pass
1**	1551.900	28.32	-17.15	54.0	25.68	AV	261.00	300	Vertical	Pass
2	3990.750	46.98	-5.85	74.0	27.02	Peak	0.00	300	Vertical	Pass
2**	3990.750	37.13	-5.85	54.0	16.87	AV	0.00	300	Vertical	Pass
3	5603.500	95.58	-2.20	--	--	Peak	242.00	200	Vertical	N/A
3**	5603.500	87.48	-2.20	--	--	AV	242.00	200	Vertical	N/A
4	7703.000	53.58	1.14	74.0	20.42	Peak	0.00	100	Vertical	Pass
4**	7703.000	44.71	1.14	54.0	9.29	AV	0.00	100	Vertical	Pass
5	12257.424	53.44	1.02	74.0	20.56	Peak	30.00	150	Vertical	Pass
5**	12257.424	43.18	1.02	54.0	10.82	AV	30.00	150	Vertical	Pass
6	15942.787	55.02	1.28	74.0	18.98	Peak	161.00	400	Vertical	Pass
6**	15942.787	45.59	1.28	54.0	8.41	AV	161.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.700	38.38	-17.09	74.0	35.62	Peak	152.00	100	Horizontal	Pass
1**	1571.700	28.55	-17.09	54.0	25.45	AV	152.00	100	Horizontal	Pass
2	4162.500	46.99	-5.65	74.0	27.01	Peak	196.00	300	Horizontal	Pass
2**	4162.500	37.38	-5.65	54.0	16.62	AV	196.00	300	Horizontal	Pass
3	5746.250	99.97	-1.99	--	--	Peak	217.00	100	Horizontal	N/A
3**	5746.250	91.94	-1.99	--	--	AV	217.00	100	Horizontal	N/A
4	7680.000	53.28	0.84	74.0	20.72	Peak	137.00	100	Horizontal	Pass
4**	7680.000	44.72	0.84	54.0	9.28	AV	137.00	100	Horizontal	Pass
5	12270.725	53.06	0.88	74.0	20.94	Peak	215.00	150	Horizontal	Pass
5**	12270.725	43.46	0.88	54.0	10.54	AV	215.00	150	Horizontal	Pass
6	16118.662	54.52	1.90	74.0	19.48	Peak	360.00	200	Horizontal	Pass
6**	16118.662	45.00	1.90	54.0	9.00	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1606.700	38.44	-16.64	74.0	35.56	Peak	49.00	100	Vertical	Pass
1**	1606.700	29.06	-16.64	54.0	24.94	AV	49.00	100	Vertical	Pass
2	4258.250	47.28	-4.07	74.0	26.72	Peak	276.00	200	Vertical	Pass
2**	4258.250	39.03	-4.07	54.0	14.97	AV	276.00	200	Vertical	Pass
3	5743.750	97.78	-2.18	--	--	Peak	75.00	100	Vertical	N/A
3**	5743.750	90.07	-2.18	--	--	AV	75.00	100	Vertical	N/A
4	7620.500	53.54	0.48	74.0	20.46	Peak	94.00	400	Vertical	Pass
4**	7620.500	43.65	0.48	54.0	10.35	AV	94.00	400	Vertical	Pass
5	12273.338	52.52	0.85	74.0	21.48	Peak	171.00	200	Vertical	Pass
5**	12273.338	43.45	0.85	54.0	10.55	AV	171.00	200	Vertical	Pass
6	16131.000	55.39	2.00	74.0	18.61	Peak	244.00	200	Vertical	Pass
6**	16131.000	46.42	2.00	54.0	7.58	AV	244.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.500	38.56	-16.82	74.0	35.44	Peak	154.00	200	Horizontal	Pass
1**	1500.500	29.52	-16.82	54.0	24.48	AV	154.00	200	Horizontal	Pass
2	4308.500	46.95	-5.41	74.0	27.05	Peak	224.00	200	Horizontal	Pass
2**	4308.500	37.31	-5.41	54.0	16.69	AV	224.00	200	Horizontal	Pass
3	5786.250	101.62	-2.30	--	--	Peak	183.00	100	Horizontal	N/A
3**	5786.250	94.48	-2.30	--	--	AV	183.00	100	Horizontal	N/A
4	7696.750	54.08	1.10	74.0	19.92	Peak	62.00	200	Horizontal	Pass
4**	7696.750	43.96	1.10	54.0	10.04	AV	62.00	200	Horizontal	Pass
5	11774.113	53.37	-0.17	74.0	20.63	Peak	283.00	100	Horizontal	Pass
5**	11774.113	43.59	-0.17	54.0	10.41	AV	283.00	100	Horizontal	Pass
6	16070.625	55.00	1.36	74.0	19.00	Peak	28.00	400	Horizontal	Pass
6**	16070.625	46.71	1.36	54.0	7.29	AV	28.00	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	1567.200	38.49	-17.56	74.0	35.51	Peak	185.00	200	Vertical	Pass
1**	1567.200	27.90	-17.56	54.0	26.10	AV	185.00	200	Vertical	Pass
2	4352.750	47.01	-4.62	74.0	26.99	Peak	264.00	400	Vertical	Pass
2**	4352.750	38.26	-4.62	54.0	15.74	AV	264.00	400	Vertical	Pass
3	5783.250	97.60	-2.88	--	--	Peak	264.00	200	Vertical	N/A
3**	5783.250	89.88	-2.88	--	--	AV	264.00	200	Vertical	N/A
4	7696.500	53.48	1.22	74.0	20.52	Peak	203.00	100	Vertical	Pass
4**	7696.500	44.13	1.22	54.0	9.87	AV	203.00	100	Vertical	Pass
5	12206.363	52.79	0.49	74.0	21.21	Peak	245.00	100	Vertical	Pass
5**	12206.363	44.63	0.49	54.0	9.37	AV	245.00	100	Vertical	Pass
6	16108.425	54.95	1.82	74.0	19.05	Peak	346.00	100	Vertical	Pass
6**	16108.425	45.05	1.82	54.0	8.95	AV	346.00	100	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	1503.400	38.84	-17.08	74.0	35.16	Peak	214.00	400	Horizontal	Pass
1**	1503.400	28.76	-17.08	54.0	25.24	AV	214.00	400	Horizontal	Pass
2	4253.250	47.07	-4.31	74.0	26.93	Peak	0.00	400	Horizontal	Pass
2**	4253.250	37.44	-4.31	54.0	16.56	AV	0.00	400	Horizontal	Pass
3	5822.750	101.02	-2.57	--	--	Peak	183.00	150	Horizontal	N/A
3**	5822.750	93.38	-2.57	--	--	AV	183.00	150	Horizontal	N/A
4	7714.500	53.74	1.63	74.0	20.26	Peak	224.00	100	Horizontal	Pass
4**	7714.500	45.48	1.63	54.0	8.52	AV	224.00	100	Horizontal	Pass
5	12560.238	53.54	0.97	74.0	20.46	Peak	273.00	200	Horizontal	Pass
5**	12560.238	42.53	0.97	54.0	11.47	AV	273.00	200	Horizontal	Pass
6	15643.800	55.28	1.99	74.0	18.72	Peak	14.00	400	Horizontal	Pass
6**	15643.800	45.04	1.99	54.0	8.96	AV	14.00	400	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	1613.200	38.32	-16.65	74.0	35.68	Peak	250.00	100	Vertical	Pass
1**	1613.200	29.84	-16.65	54.0	24.16	AV	250.00	100	Vertical	Pass
2	4022.750	46.73	-6.13	74.0	27.27	Peak	54.00	100	Vertical	Pass
2**	4022.750	37.53	-6.13	54.0	16.47	AV	54.00	100	Vertical	Pass
3	5823.500	98.14	-2.77	--	--	Peak	257.00	200	Vertical	N/A
3**	5823.500	90.56	-2.77	--	--	AV	257.00	200	Vertical	N/A
4	7425.500	53.88	1.31	74.0	20.12	Peak	96.00	400	Vertical	Pass
4**	7425.500	44.39	1.31	54.0	9.61	AV	96.00	400	Vertical	Pass
5	11797.387	53.24	-0.15	74.0	20.76	Peak	337.00	150	Vertical	Pass
5**	11797.387	44.51	-0.15	54.0	9.49	AV	337.00	150	Vertical	Pass
6	15922.838	55.00	1.63	74.0	19.00	Peak	42.00	100	Vertical	Pass
6**	15922.838	45.45	1.63	54.0	8.55	AV	42.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.500	38.23	-17.01	74.0	35.77	Peak	137.00	400	Horizontal	Pass
1**	1516.500	29.22	-17.01	54.0	24.78	AV	137.00	400	Horizontal	Pass
2	4273.750	47.96	-4.74	74.0	26.04	Peak	344.00	200	Horizontal	Pass
2**	4273.750	37.95	-4.74	54.0	16.05	AV	344.00	200	Horizontal	Pass
3	5746.250	101.56	-1.99	--	--	Peak	202.00	150	Horizontal	N/A
3**	5746.250	93.65	-1.99	--	--	AV	202.00	150	Horizontal	N/A
4	7467.000	53.19	0.09	74.0	20.81	Peak	16.00	200	Horizontal	Pass
4**	7467.000	43.33	0.09	54.0	10.67	AV	16.00	200	Horizontal	Pass
5	12423.200	53.05	1.07	74.0	20.95	Peak	130.00	200	Horizontal	Pass
5**	12423.200	43.41	1.07	54.0	10.59	AV	130.00	200	Horizontal	Pass
6	16047.000	55.21	1.10	74.0	18.79	Peak	300.00	300	Horizontal	Pass
6**	16047.000	44.94	1.10	54.0	9.06	AV	300.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.300	38.22	-17.14	74.0	35.78	Peak	145.00	400	Vertical	Pass
1**	1510.300	28.30	-17.14	54.0	25.70	AV	145.00	400	Vertical	Pass
2	4323.750	47.18	-4.99	74.0	26.82	Peak	360.00	300	Vertical	Pass
2**	4323.750	37.46	-4.99	54.0	16.54	AV	360.00	300	Vertical	Pass
3	5742.750	99.26	-2.08	--	--	Peak	280.00	200	Vertical	N/A
3**	5742.750	90.91	-2.08	--	--	AV	280.00	200	Vertical	N/A
4	7323.750	53.02	0.09	74.0	20.98	Peak	77.00	300	Vertical	Pass
4**	7323.750	43.57	0.09	54.0	10.43	AV	77.00	300	Vertical	Pass
5	11725.901	53.20	-0.35	74.0	20.80	Peak	57.00	100	Vertical	Pass
5**	11725.901	43.21	-0.35	54.0	10.79	AV	57.00	100	Vertical	Pass
6	16111.575	54.60	1.84	74.0	19.40	Peak	295.00	400	Vertical	Pass
6**	16111.575	45.90	1.84	54.0	8.10	AV	295.00	400	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	1440.200	38.31	-17.05	74.0	35.69	Peak	219.00	300	Horizontal	Pass
1**	1440.200	27.99	-17.05	54.0	26.01	AV	219.00	300	Horizontal	Pass
2	4322.000	47.48	-4.94	74.0	26.52	Peak	241.00	400	Horizontal	Pass
2**	4322.000	38.32	-4.94	54.0	15.68	AV	241.00	400	Horizontal	Pass
3	5786.750	100.73	-2.38	--	--	Peak	178.00	150	Horizontal	N/A
3**	5786.750	93.64	-2.38	--	--	AV	178.00	150	Horizontal	N/A
4	7720.500	53.56	1.30	74.0	20.44	Peak	198.00	400	Horizontal	Pass
4**	7720.500	44.67	1.30	54.0	9.33	AV	198.00	400	Horizontal	Pass
5	11796.912	54.21	-0.15	74.0	19.79	Peak	302.00	150	Horizontal	Pass
5**	11796.912	43.55	-0.15	54.0	10.45	AV	302.00	150	Horizontal	Pass
6	16095.037	54.70	1.69	74.0	19.30	Peak	26.00	300	Horizontal	Pass
6**	16095.037	45.36	1.69	54.0	8.64	AV	26.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1563.500	38.12	-17.46	74.0	35.88	Peak	279.00	300	Vertical	Pass
1**	1563.500	28.73	-17.46	54.0	25.27	AV	279.00	300	Vertical	Pass
2	4174.750	47.08	-5.60	74.0	26.92	Peak	324.00	400	Vertical	Pass
2**	4174.750	37.79	-5.60	54.0	16.21	AV	324.00	400	Vertical	Pass
3	5786.000	97.68	-2.41	--	--	Peak	259.00	200	Vertical	N/A
3**	5786.000	90.59	-2.41	--	--	AV	259.00	200	Vertical	N/A
4	7708.750	53.21	1.82	74.0	20.79	Peak	176.00	100	Vertical	Pass
4**	7708.750	45.22	1.82	54.0	8.78	AV	176.00	100	Vertical	Pass
5	12461.200	52.79	1.13	74.0	21.21	Peak	227.00	150	Vertical	Pass
5**	12461.200	42.84	1.13	54.0	11.16	AV	227.00	150	Vertical	Pass
6	15903.938	54.61	1.96	74.0	19.39	Peak	247.00	400	Vertical	Pass
6**	15903.938	46.09	1.96	54.0	7.91	AV	247.00	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	1600.200	38.73	-16.98	74.0	35.27	Peak	237.00	300	Horizontal	Pass
1**	1600.200	28.32	-16.98	54.0	25.68	AV	237.00	300	Horizontal	Pass
2	4379.500	46.98	-5.27	74.0	27.02	Peak	303.00	100	Horizontal	Pass
2**	4379.500	37.63	-5.27	54.0	16.37	AV	303.00	100	Horizontal	Pass
3	5823.500	100.86	-2.77	--	--	Peak	200.00	100	Horizontal	N/A
3**	5823.500	92.68	-2.77	--	--	AV	200.00	100	Horizontal	N/A
4	7723.500	53.91	0.89	74.0	20.09	Peak	344.00	400	Horizontal	Pass
4**	7723.500	44.61	0.89	54.0	9.39	AV	344.00	400	Horizontal	Pass
5	12253.150	52.83	1.07	74.0	21.17	Peak	149.00	150	Horizontal	Pass
5**	12253.150	43.11	1.07	54.0	10.89	AV	149.00	150	Horizontal	Pass
6	15937.013	54.32	1.38	74.0	19.68	Peak	81.00	400	Horizontal	Pass
6**	15937.013	45.26	1.38	54.0	8.74	AV	81.00	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	1483.400	38.30	-16.97	74.0	35.70	Peak	314.00	100	Vertical	Pass
1**	1483.400	28.53	-16.97	54.0	25.47	AV	314.00	100	Vertical	Pass
2	4263.250	47.89	-4.60	74.0	26.11	Peak	40.00	200	Vertical	Pass
2**	4263.250	37.80	-4.60	54.0	16.20	AV	40.00	200	Vertical	Pass
3	5826.250	96.46	-2.69	--	--	Peak	303.00	200	Vertical	N/A
3**	5826.250	90.39	-2.69	--	--	AV	303.00	200	Vertical	N/A
4	7712.500	53.66	1.73	74.0	20.34	Peak	60.00	300	Vertical	Pass
4**	7712.500	44.71	1.73	54.0	9.29	AV	60.00	300	Vertical	Pass
5	11795.250	52.65	-0.15	74.0	21.35	Peak	65.00	150	Vertical	Pass
5**	11795.250	43.93	-0.15	54.0	10.07	AV	65.00	150	Vertical	Pass
6	15918.375	54.61	1.71	74.0	19.39	Peak	167.00	400	Vertical	Pass
6**	15918.375	45.26	1.71	54.0	8.74	AV	167.00	400	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	1536.900	38.71	-17.36	74.0	35.29	Peak	81.00	400	Horizontal	Pass
1**	1536.900	28.37	-17.36	54.0	25.63	AV	81.00	400	Horizontal	Pass
2	3775.250	47.31	-5.87	74.0	26.69	Peak	360.00	400	Horizontal	Pass
2**	3775.250	36.42	-5.87	54.0	17.58	AV	360.00	400	Horizontal	Pass
3	5756.500	99.06	-2.32	--	--	Peak	218.00	150	Horizontal	N/A
3**	5756.500	91.26	-2.32	--	--	AV	218.00	150	Horizontal	N/A
4	7420.500	53.30	1.22	74.0	20.70	Peak	77.00	400	Horizontal	Pass
4**	7420.500	44.06	1.22	54.0	9.94	AV	77.00	400	Horizontal	Pass
5	12496.825	53.40	1.41	74.0	20.60	Peak	168.00	150	Horizontal	Pass
5**	12496.825	44.91	1.41	54.0	9.09	AV	168.00	150	Horizontal	Pass
6	16096.874	55.46	1.71	74.0	18.54	Peak	278.00	400	Horizontal	Pass
6**	16096.874	45.65	1.71	54.0	8.35	AV	278.00	400	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	1584.200	38.58	-17.11	74.0	35.42	Peak	80.00	300	Vertical	Pass
1**	1584.200	28.53	-17.11	54.0	25.47	AV	80.00	300	Vertical	Pass
2	4257.000	47.11	-4.04	74.0	26.89	Peak	274.00	300	Vertical	Pass
2**	4257.000	38.63	-4.04	54.0	15.37	AV	274.00	300	Vertical	Pass
3	5750.250	96.01	-2.07	--	--	Peak	295.00	200	Vertical	N/A
3**	5750.250	87.90	-2.07	--	--	AV	295.00	200	Vertical	N/A
4	7352.500	53.53	0.38	74.0	20.47	Peak	155.00	100	Vertical	Pass
4**	7352.500	44.34	0.38	54.0	9.66	AV	155.00	100	Vertical	Pass
5	12428.425	52.98	1.07	74.0	21.02	Peak	100.00	150	Vertical	Pass
5**	12428.425	43.26	1.07	54.0	10.74	AV	100.00	150	Vertical	Pass
6	16103.700	55.30	1.78	74.0	18.70	Peak	329.00	200	Vertical	Pass
6**	16103.700	46.19	1.78	54.0	7.81	AV	329.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1616.300	37.99	-16.84	74.0	36.01	Peak	97.00	100	Horizontal	Pass
1**	1616.300	29.72	-16.84	54.0	24.28	AV	97.00	100	Horizontal	Pass
2	4331.250	47.40	-4.97	74.0	26.60	Peak	219.00	200	Horizontal	Pass
2**	4331.250	37.73	-4.97	54.0	16.27	AV	219.00	200	Horizontal	Pass
3	5796.750	98.59	-2.36	--	--	Peak	219.00	100	Horizontal	N/A
3**	5796.750	91.00	-2.36	--	--	AV	219.00	100	Horizontal	N/A
4	7700.000	53.22	1.10	74.0	20.78	Peak	84.00	400	Horizontal	Pass
4**	7700.000	43.63	1.10	54.0	10.37	AV	84.00	400	Horizontal	Pass
5	12460.963	53.38	1.13	74.0	20.62	Peak	285.00	100	Horizontal	Pass
5**	12460.963	43.76	1.13	54.0	10.24	AV	285.00	100	Horizontal	Pass
6	15903.150	54.40	1.97	74.0	19.60	Peak	2.00	300	Horizontal	Pass
6**	15903.150	45.12	1.97	54.0	8.88	AV	2.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.200	38.28	-17.20	74.0	35.72	Peak	228.00	200	Vertical	Pass
1**	1599.200	28.52	-17.20	54.0	25.48	AV	228.00	200	Vertical	Pass
2	4235.000	47.13	-5.17	74.0	26.87	Peak	144.00	400	Vertical	Pass
2**	4235.000	37.17	-5.17	54.0	16.83	AV	144.00	400	Vertical	Pass
3	5792.250	95.56	-2.24	--	--	Peak	291.00	100	Vertical	N/A
3**	5792.250	87.85	-2.24	--	--	AV	291.00	100	Vertical	N/A
4	7663.500	53.74	0.89	74.0	20.26	Peak	360.00	300	Vertical	Pass
4**	7663.500	43.74	0.89	54.0	10.26	AV	360.00	300	Vertical	Pass
5	11751.788	52.64	-0.19	74.0	21.36	Peak	176.00	200	Vertical	Pass
5**	11751.788	42.91	-0.19	54.0	11.09	AV	176.00	200	Vertical	Pass
6	16095.300	54.78	1.69	74.0	19.22	Peak	21.00	400	Vertical	Pass
6**	16095.300	45.61	1.69	54.0	8.39	AV	21.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.900	37.86	-17.00	74.0	36.14	Peak	108.00	100	Horizontal	Pass
1**	1479.900	28.35	-17.00	54.0	25.65	AV	108.00	100	Horizontal	Pass
2	4309.500	46.94	-5.05	74.0	27.06	Peak	115.00	300	Horizontal	Pass
2**	4309.500	37.94	-5.05	54.0	16.06	AV	115.00	300	Horizontal	Pass
3	5746.000	101.90	-2.00	--	--	Peak	215.00	150	Horizontal	N/A
3**	5746.000	94.34	-2.00	--	--	AV	215.00	150	Horizontal	N/A
4	7331.500	53.36	-0.08	74.0	20.64	Peak	0.00	200	Horizontal	Pass
4**	7331.500	44.02	-0.08	54.0	9.98	AV	0.00	200	Horizontal	Pass
5	11748.225	52.65	-0.21	74.0	21.35	Peak	179.00	100	Horizontal	Pass
5**	11748.225	42.73	-0.21	54.0	11.27	AV	179.00	100	Horizontal	Pass
6	15620.700	55.42	1.42	74.0	18.58	Peak	346.00	300	Horizontal	Pass
6**	15620.700	44.64	1.42	54.0	9.36	AV	346.00	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	1557.200	38.15	-17.46	74.0	35.85	Peak	311.00	100	Vertical	Pass
1**	1557.200	28.27	-17.46	54.0	25.73	AV	311.00	100	Vertical	Pass
2	4243.750	47.13	-4.87	74.0	26.87	Peak	360.00	100	Vertical	Pass
2**	4243.750	37.94	-4.87	54.0	16.06	AV	360.00	100	Vertical	Pass
3	5746.750	98.83	-2.01	--	--	Peak	290.00	150	Vertical	N/A
3**	5746.750	90.66	-2.01	--	--	AV	290.00	150	Vertical	N/A
4	7709.500	53.77	1.88	74.0	20.23	Peak	268.00	100	Vertical	Pass
4**	7709.500	44.47	1.88	54.0	9.53	AV	268.00	100	Vertical	Pass
5	12417.263	52.80	1.08	74.0	21.20	Peak	53.00	200	Vertical	Pass
5**	12417.263	43.38	1.08	54.0	10.62	AV	53.00	200	Vertical	Pass
6	16087.162	54.59	1.58	74.0	19.41	Peak	0.00	300	Vertical	Pass
6**	16087.162	45.38	1.58	54.0	8.62	AV	0.00	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	1437.100	38.42	-17.11	74.0	35.58	Peak	136.00	200	Horizontal	Pass
1**	1437.100	29.10	-17.11	54.0	24.90	AV	136.00	200	Horizontal	Pass
2	4319.250	47.20	-5.02	74.0	26.80	Peak	316.00	200	Horizontal	Pass
2**	4319.250	37.84	-5.02	54.0	16.16	AV	316.00	200	Horizontal	Pass
3	5786.250	100.98	-2.30	--	--	Peak	208.00	200	Horizontal	N/A
3**	5786.250	94.08	-2.30	--	--	AV	208.00	200	Horizontal	N/A
4	7493.500	52.83	0.92	74.0	21.17	Peak	16.00	400	Horizontal	Pass
4**	7493.500	44.21	0.92	54.0	9.79	AV	16.00	400	Horizontal	Pass
5	12525.325	52.76	1.29	74.0	21.24	Peak	0.00	100	Horizontal	Pass
5**	12525.325	42.56	1.29	54.0	11.44	AV	0.00	100	Horizontal	Pass
6	15924.675	54.52	1.60	74.0	19.48	Peak	0.00	300	Horizontal	Pass
6**	15924.675	45.56	1.60	54.0	8.44	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.400	38.72	-16.75	74.0	35.28	Peak	89.00	400	Vertical	Pass
1**	1605.400	29.93	-16.75	54.0	24.07	AV	89.00	400	Vertical	Pass
2	4321.500	47.20	-5.26	74.0	26.80	Peak	98.00	400	Vertical	Pass
2**	4321.500	38.63	-5.26	54.0	15.37	AV	98.00	400	Vertical	Pass
3	5782.750	98.09	-2.71	--	--	Peak	283.00	200	Vertical	N/A
3**	5782.750	90.68	-2.71	--	--	AV	283.00	200	Vertical	N/A
4	7711.750	53.64	2.04	74.0	20.36	Peak	79.00	200	Vertical	Pass
4**	7711.750	44.46	2.04	54.0	9.54	AV	79.00	200	Vertical	Pass
5	11793.112	53.35	-0.15	74.0	20.65	Peak	130.00	150	Vertical	Pass
5**	11793.112	43.64	-0.15	54.0	10.36	AV	130.00	150	Vertical	Pass
6	16094.775	54.77	1.68	74.0	19.23	Peak	188.00	100	Vertical	Pass
6**	16094.775	45.98	1.68	54.0	8.02	AV	188.00	100	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	1481.200	38.28	-16.93	74.0	35.72	Peak	247.00	200	Horizontal	Pass
1**	1481.200	28.53	-16.93	54.0	25.47	AV	247.00	200	Horizontal	Pass
2	4241.500	47.25	-4.69	74.0	26.75	Peak	295.00	100	Horizontal	Pass
2**	4241.500	37.66	-4.69	54.0	16.34	AV	295.00	100	Horizontal	Pass
3	5823.250	100.72	-2.66	--	--	Peak	222.00	100	Horizontal	N/A
3**	5823.250	93.46	-2.66	--	--	AV	222.00	100	Horizontal	N/A
4	7419.500	53.69	1.23	74.0	20.31	Peak	123.00	300	Horizontal	Pass
4**	7419.500	44.14	1.23	54.0	9.86	AV	123.00	300	Horizontal	Pass
5	12188.075	52.91	0.30	74.0	21.09	Peak	14.00	100	Horizontal	Pass
5**	12188.075	42.99	0.30	54.0	11.01	AV	14.00	100	Horizontal	Pass
6	15905.512	54.72	1.93	74.0	19.28	Peak	101.00	400	Horizontal	Pass
6**	15905.512	45.96	1.93	54.0	8.04	AV	101.00	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	1623.400	38.84	-17.02	74.0	35.16	Peak	150.00	200	Vertical	Pass
1**	1623.400	28.33	-17.02	54.0	25.67	AV	150.00	200	Vertical	Pass
2	4277.250	47.30	-5.05	74.0	26.70	Peak	108.00	300	Vertical	Pass
2**	4277.250	37.58	-5.05	54.0	16.42	AV	108.00	300	Vertical	Pass
3	5827.250	97.12	-2.49	--	--	Peak	272.00	200	Vertical	N/A
3**	5827.250	89.58	-2.49	--	--	AV	272.00	200	Vertical	N/A
4	7708.250	53.03	1.90	74.0	20.97	Peak	272.00	400	Vertical	Pass
4**	7708.250	44.84	1.90	54.0	9.16	AV	272.00	400	Vertical	Pass
5	11258.263	53.07	-0.91	74.0	20.93	Peak	0.00	200	Vertical	Pass
5**	11258.263	43.47	-0.91	54.0	10.53	AV	0.00	200	Vertical	Pass
6	15890.025	54.65	1.95	74.0	19.35	Peak	43.00	400	Vertical	Pass
6**	15890.025	44.58	1.95	54.0	9.42	AV	43.00	400	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	1528.000	38.17	-17.19	74.0	35.83	Peak	214.00	400	Horizontal	Pass
1**	1528.000	28.71	-17.19	54.0	25.29	AV	214.00	400	Horizontal	Pass
2	4177.750	47.62	-5.32	74.0	26.38	Peak	280.00	200	Horizontal	Pass
2**	4177.750	37.56	-5.32	54.0	16.44	AV	280.00	200	Horizontal	Pass
3	5753.250	99.32	-2.25	--	--	Peak	220.00	150	Horizontal	N/A
3**	5753.250	91.29	-2.25	--	--	AV	220.00	150	Horizontal	N/A
4	7694.000	53.66	1.09	74.0	20.34	Peak	220.00	300	Horizontal	Pass
4**	7694.000	43.62	1.09	54.0	10.38	AV	220.00	300	Horizontal	Pass
5	11810.688	53.08	-0.27	74.0	20.92	Peak	349.00	150	Horizontal	Pass
5**	11810.688	43.45	-0.27	54.0	10.55	AV	349.00	150	Horizontal	Pass
6	16136.250	55.13	2.04	74.0	18.87	Peak	92.00	300	Horizontal	Pass
6**	16136.250	45.71	2.04	54.0	8.29	AV	92.00	300	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	1449.700	38.28	-16.92	74.0	35.72	Peak	347.00	100	Vertical	Pass
1**	1449.700	29.51	-16.92	54.0	24.49	AV	347.00	100	Vertical	Pass
2	4285.500	46.94	-4.49	74.0	27.06	Peak	298.00	200	Vertical	Pass
2**	4285.500	37.91	-4.49	54.0	16.09	AV	298.00	200	Vertical	Pass
3	5752.000	96.23	-1.84	--	--	Peak	298.00	100	Vertical	N/A
3**	5752.000	88.93	-1.84	--	--	AV	298.00	100	Vertical	N/A
4	7708.750	53.24	1.82	74.0	20.76	Peak	360.00	300	Vertical	Pass
4**	7708.750	45.34	1.82	54.0	8.66	AV	360.00	300	Vertical	Pass
5	11688.612	52.97	-0.71	74.0	21.03	Peak	62.00	150	Vertical	Pass
5**	11688.612	43.62	-0.71	54.0	10.38	AV	62.00	150	Vertical	Pass
6	16140.713	54.47	2.08	74.0	19.53	Peak	46.00	300	Vertical	Pass
6**	16140.713	45.58	2.08	54.0	8.42	AV	46.00	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	1584.900	38.07	-17.05	74.0	35.93	Peak	23.00	400	Horizontal	Pass
1**	1584.900	28.72	-17.05	54.0	25.28	AV	23.00	400	Horizontal	Pass
2	4255.750	47.28	-3.94	74.0	26.72	Peak	270.00	300	Horizontal	Pass
2**	4255.750	39.67	-3.94	54.0	14.33	AV	270.00	300	Horizontal	Pass
3	5792.750	98.84	-2.18	--	--	Peak	217.00	200	Horizontal	N/A
3**	5792.750	91.29	-2.18	--	--	AV	217.00	200	Horizontal	N/A
4	7352.000	53.23	0.35	74.0	20.77	Peak	94.00	300	Horizontal	Pass
4**	7352.000	43.98	0.35	54.0	10.02	AV	94.00	300	Horizontal	Pass
5	11795.250	53.12	-0.15	74.0	20.88	Peak	62.00	150	Horizontal	Pass
5**	11795.250	43.28	-0.15	54.0	10.72	AV	62.00	150	Horizontal	Pass
6	16145.963	54.57	2.12	74.0	19.43	Peak	81.00	100	Horizontal	Pass
6**	16145.963	45.67	2.12	54.0	8.33	AV	81.00	100	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	1518.600	38.02	-16.88	74.0	35.98	Peak	238.00	400	Vertical	Pass
1**	1518.600	28.47	-16.88	54.0	25.53	AV	238.00	400	Vertical	Pass
2	4306.250	47.94	-5.20	74.0	26.06	Peak	283.00	200	Vertical	Pass
2**	4306.250	39.08	-5.20	54.0	14.92	AV	283.00	200	Vertical	Pass
3	5792.250	96.01	-2.24	--	--	Peak	283.00	100	Vertical	N/A
3**	5792.250	88.64	-2.24	--	--	AV	283.00	100	Vertical	N/A
4	7705.250	53.30	2.03	74.0	20.70	Peak	305.00	100	Vertical	Pass
4**	7705.250	44.92	2.03	54.0	9.08	AV	305.00	100	Vertical	Pass
5	12415.600	52.39	1.09	74.0	21.61	Peak	263.00	100	Vertical	Pass
5**	12415.600	42.84	1.09	54.0	11.16	AV	263.00	100	Vertical	Pass
6	16126.012	54.37	1.96	74.0	19.63	Peak	98.00	300	Vertical	Pass
6**	16126.012	45.03	1.96	54.0	8.97	AV	98.00	300	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	1443.100	38.60	-16.86	74.0	35.40	Peak	189.00	300	Horizontal	Pass
1**	1443.100	28.18	-16.86	54.0	25.82	AV	189.00	300	Horizontal	Pass
2	4258.250	47.25	-4.07	74.0	26.75	Peak	294.00	100	Horizontal	Pass
2**	4258.250	38.48	-4.07	54.0	15.52	AV	294.00	100	Horizontal	Pass
3	5788.250	95.33	-2.33	--	--	Peak	215.00	200	Horizontal	N/A
3**	5788.250	87.33	-2.33	--	--	AV	215.00	200	Horizontal	N/A
4	7708.500	53.20	1.84	74.0	20.80	Peak	215.00	400	Horizontal	Pass
4**	7708.500	45.30	1.84	54.0	8.70	AV	215.00	400	Horizontal	Pass
5	12197.100	52.36	0.38	74.0	21.64	Peak	194.00	150	Horizontal	Pass
5**	12197.100	42.82	0.38	54.0	11.18	AV	194.00	150	Horizontal	Pass
6	16121.287	54.88	1.92	74.0	19.12	Peak	9.00	400	Horizontal	Pass
6**	16121.287	45.90	1.92	54.0	8.10	AV	9.00	400	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	1445.800	39.19	-17.06	74.0	34.81	Peak	360.00	400	Vertical	Pass
1**	1445.800	28.88	-17.06	54.0	25.12	AV	360.00	400	Vertical	Pass
2	4266.000	47.09	-4.88	74.0	26.91	Peak	18.00	100	Vertical	Pass
2**	4266.000	37.62	-4.88	54.0	16.38	AV	18.00	100	Vertical	Pass
3	5768.000	92.51	-2.33	--	--	Peak	273.00	200	Vertical	N/A
3**	5768.000	85.30	-2.33	--	--	AV	273.00	200	Vertical	N/A
4	7708.500	53.07	1.84	74.0	20.93	Peak	156.00	100	Vertical	Pass
4**	7708.500	44.61	1.84	54.0	9.39	AV	156.00	100	Vertical	Pass
5	12221.799	52.80	0.71	74.0	21.20	Peak	79.00	100	Vertical	Pass
5**	12221.799	42.97	0.71	54.0	11.03	AV	79.00	100	Vertical	Pass
6	16103.437	55.17	1.78	74.0	18.83	Peak	123.00	300	Vertical	Pass
6**	16103.437	45.22	1.78	54.0	8.78	AV	123.00	300	Vertical	Pass

11a, U-NII-2C&U-NII-3,1 GHz to 18 GHz, 144 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.000	38.92	-16.94	74.0	35.08	Peak	274.00	300	Horizontal	Pass
1**	1444.000	28.65	-16.94	54.0	25.35	AV	274.00	300	Horizontal	Pass
2	4336.750	47.86	-4.63	74.0	26.14	Peak	207.00	400	Horizontal	Pass
2**	4336.750	38.11	-4.63	54.0	15.89	AV	207.00	400	Horizontal	Pass
3	5721.250	101.86	-2.31	--	--	Peak	207.00	100	Horizontal	N/A
3**	5721.250	93.86	-2.31	--	--	AV	207.00	100	Horizontal	N/A
4	7717.000	53.45	1.14	74.0	20.55	Peak	41.00	400	Horizontal	Pass
4**	7717.000	44.64	1.14	54.0	9.36	AV	41.00	400	Horizontal	Pass
5	12263.125	53.14	0.96	74.0	20.86	Peak	88.00	100	Horizontal	Pass
5**	12263.125	44.26	0.96	54.0	9.74	AV	88.00	100	Horizontal	Pass
6	15694.200	54.99	1.67	74.0	19.01	Peak	193.00	200	Horizontal	Pass
6**	15694.200	45.30	1.67	54.0	8.70	AV	193.00	200	Horizontal	Pass

11a, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1550.800	38.38	-17.29	74.0	35.62	Peak	299.00	100	Vertical	Pass
1**	1550.800	28.39	-17.29	54.0	25.61	AV	299.00	100	Vertical	Pass
2	4344.000	47.43	-5.14	74.0	26.57	Peak	87.00	300	Vertical	Pass
2**	4344.000	37.50	-5.14	54.0	16.50	AV	87.00	300	Vertical	Pass
3	5720.750	98.85	-2.19	--	--	Peak	271.00	100	Vertical	N/A
3**	5720.750	90.89	-2.19	--	--	AV	271.00	100	Vertical	N/A
4	7709.500	53.07	1.88	74.0	20.93	Peak	319.00	100	Vertical	Pass
4**	7709.500	44.44	1.88	54.0	9.56	AV	319.00	100	Vertical	Pass
5	11598.838	53.09	-0.62	74.0	20.91	Peak	271.00	100	Vertical	Pass
5**	11598.838	42.24	-0.62	54.0	11.76	AV	271.00	100	Vertical	Pass
6	15677.924	54.98	1.84	74.0	19.02	Peak	116.00	400	Vertical	Pass
6**	15677.924	44.91	1.84	54.0	9.09	AV	116.00	400	Vertical	Pass

11n20, U-NII-2C&U-NII-3,1 GHz to 18 GHz, 144 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.600	38.23	-17.19	74.0	35.77	Peak	148.00	400	Horizontal	Pass
1**	1526.600	29.06	-17.19	54.0	24.94	AV	148.00	400	Horizontal	Pass
2	4080.500	46.98	-5.48	74.0	27.02	Peak	360.00	200	Horizontal	Pass
2**	4080.500	37.36	-5.48	54.0	16.64	AV	360.00	200	Horizontal	Pass
3	5721.500	100.62	-2.39	--	--	Peak	203.00	100	Horizontal	N/A
3**	5721.500	93.75	-2.39	--	--	AV	203.00	100	Horizontal	N/A
4	7708.750	54.16	1.82	74.0	19.84	Peak	360.00	300	Horizontal	Pass
4**	7708.750	45.03	1.82	54.0	8.97	AV	360.00	300	Horizontal	Pass
5	12236.049	52.84	0.91	74.0	21.16	Peak	84.00	200	Horizontal	Pass
5**	12236.049	43.43	0.91	54.0	10.57	AV	84.00	200	Horizontal	Pass
6	15429.862	55.80	2.36	74.0	18.20	Peak	127.00	200	Horizontal	Pass
6**	15429.862	45.02	2.36	54.0	8.98	AV	127.00	200	Horizontal	Pass

11n20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.000	38.55	-16.74	74.0	35.45	Peak	112.00	100	Vertical	Pass
1**	1582.000	29.84	-16.74	54.0	24.16	AV	112.00	100	Vertical	Pass
2	4223.250	47.43	-5.00	74.0	26.57	Peak	290.00	200	Vertical	Pass
2**	4223.250	37.58	-5.00	54.0	16.42	AV	290.00	200	Vertical	Pass
3	5721.000	99.19	-2.24	--	--	Peak	290.00	150	Vertical	N/A
3**	5721.000	91.86	-2.24	--	--	AV	290.00	150	Vertical	N/A
4	7722.250	54.30	1.31	74.0	19.70	Peak	108.00	200	Vertical	Pass
4**	7722.250	45.33	1.31	54.0	8.67	AV	108.00	200	Vertical	Pass
5	11717.112	54.00	-0.41	74.0	20.00	Peak	225.00	200	Vertical	Pass
5**	11717.112	43.29	-0.41	54.0	10.71	AV	225.00	200	Vertical	Pass
6	15365.550	54.88	2.57	74.0	19.12	Peak	193.00	100	Vertical	Pass
6**	15365.550	44.33	2.57	54.0	9.67	AV	193.00	100	Vertical	Pass

11n40, U-NII-2C&U-NII-3,1 GHz to 18 GHz, 142 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.300	38.82	-17.03	74.0	35.18	Peak	259.00	200	Horizontal	Pass
1**	1601.300	28.49	-17.03	54.0	25.51	AV	259.00	200	Horizontal	Pass
2	4129.000	46.88	-5.32	74.0	27.12	Peak	36.00	300	Horizontal	Pass
2**	4129.000	37.30	-5.32	54.0	16.70	AV	36.00	300	Horizontal	Pass
3	5708.250	98.59	-2.45	--	--	Peak	217.00	150	Horizontal	N/A
3**	5708.250	90.36	-2.45	--	--	AV	217.00	150	Horizontal	N/A
4	7660.000	53.11	1.02	74.0	20.89	Peak	317.00	200	Horizontal	Pass
4**	7660.000	43.03	1.02	54.0	10.97	AV	317.00	200	Horizontal	Pass
5	11668.425	52.80	-1.04	74.0	21.20	Peak	83.00	200	Horizontal	Pass
5**	11668.425	42.91	-1.04	54.0	11.09	AV	83.00	200	Horizontal	Pass
6	16116.300	55.55	1.88	74.0	18.45	Peak	156.00	200	Horizontal	Pass
6**	16116.300	45.71	1.88	54.0	8.29	AV	156.00	200	Horizontal	Pass

11n40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.200	38.10	-16.87	74.0	35.90	Peak	205.00	200	Vertical	Pass
1**	1499.200	29.10	-16.87	54.0	24.90	AV	205.00	200	Vertical	Pass
2	4345.500	47.09	-4.71	74.0	26.91	Peak	360.00	100	Vertical	Pass
2**	4345.500	38.12	-4.71	54.0	15.88	AV	360.00	100	Vertical	Pass
3	5713.750	97.49	-2.21	--	--	Peak	284.00	100	Vertical	N/A
3**	5713.750	90.02	-2.21	--	--	AV	284.00	100	Vertical	N/A
4	7422.000	53.46	1.29	74.0	20.54	Peak	360.00	200	Vertical	Pass
4**	7422.000	44.36	1.29	54.0	9.64	AV	360.00	200	Vertical	Pass
5	11755.112	53.01	-0.19	74.0	20.99	Peak	360.00	150	Vertical	Pass
5**	11755.112	43.57	-0.19	54.0	10.43	AV	360.00	150	Vertical	Pass
6	15890.288	55.20	1.95	74.0	18.80	Peak	231.00	400	Vertical	Pass
6**	15890.288	45.27	1.95	54.0	8.73	AV	231.00	400	Vertical	Pass

11ac20, U-NII-2C&U-NII-3,1 GHz to 18 GHz, 144 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.200	39.01	-17.02	74.0	34.99	Peak	308.00	200	Horizontal	Pass
1**	1593.200	29.08	-17.02	54.0	24.92	AV	308.00	200	Horizontal	Pass
2	4286.500	47.36	-4.62	74.0	26.64	Peak	344.00	200	Horizontal	Pass
2**	4286.500	38.19	-4.62	54.0	15.81	AV	344.00	200	Horizontal	Pass
3	5718.000	100.51	-1.97	--	--	Peak	210.00	150	Horizontal	N/A
3**	5718.000	92.83	-1.97	--	--	AV	210.00	150	Horizontal	N/A
4	7704.750	53.47	2.00	74.0	20.53	Peak	142.00	200	Horizontal	Pass
4**	7704.750	45.28	2.00	54.0	8.72	AV	142.00	200	Horizontal	Pass
5	12246.737	53.32	1.06	74.0	20.68	Peak	184.00	150	Horizontal	Pass
5**	12246.737	43.62	1.06	54.0	10.38	AV	184.00	150	Horizontal	Pass
6	16122.599	54.89	1.93	74.0	19.11	Peak	135.00	300	Horizontal	Pass
6**	16122.599	46.26	1.93	54.0	7.74	AV	135.00	300	Horizontal	Pass

11ac20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.000	38.19	-16.86	74.0	35.81	Peak	52.00	100	Vertical	Pass
1**	1620.000	29.04	-16.86	54.0	24.96	AV	52.00	100	Vertical	Pass
2	4288.000	47.84	-4.55	74.0	26.16	Peak	232.00	300	Vertical	Pass
2**	4288.000	39.70	-4.55	54.0	14.30	AV	232.00	300	Vertical	Pass
3	5721.000	98.86	-2.24	--	--	Peak	283.00	200	Vertical	N/A
3**	5721.000	91.28	-2.24	--	--	AV	283.00	200	Vertical	N/A
4	7709.000	53.45	1.89	74.0	20.55	Peak	207.00	400	Vertical	Pass
4**	7709.000	44.22	1.89	54.0	9.78	AV	207.00	400	Vertical	Pass
5	11806.175	53.61	-0.22	74.0	20.39	Peak	266.00	150	Vertical	Pass
5**	11806.175	44.43	-0.22	54.0	9.57	AV	266.00	150	Vertical	Pass
6	16064.588	54.73	1.28	74.0	19.27	Peak	81.00	100	Vertical	Pass
6**	16064.588	45.25	1.28	54.0	8.75	AV	81.00	100	Vertical	Pass

11ac40, U-NII-2C&U-NII-3,1 GHz to 18 GHz, 142 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1609.100	38.29	-17.09	74.0	35.71	Peak	293.00	200	Horizontal	Pass
1**	1609.100	28.84	-17.09	54.0	25.16	AV	293.00	200	Horizontal	Pass
2	4274.000	47.68	-4.81	74.0	26.32	Peak	43.00	200	Horizontal	Pass
2**	4274.000	38.30	-4.81	54.0	15.70	AV	43.00	200	Horizontal	Pass
3	5712.250	98.20	-2.39	--	--	Peak	247.00	100	Horizontal	N/A
3**	5712.250	91.03	-2.39	--	--	AV	247.00	100	Horizontal	N/A
4	7717.000	53.17	1.14	74.0	20.83	Peak	224.00	200	Horizontal	Pass
4**	7717.000	43.87	1.14	54.0	10.13	AV	224.00	200	Horizontal	Pass
5	11777.438	53.03	-0.17	74.0	20.97	Peak	1.00	100	Horizontal	Pass
5**	11777.438	43.06	-0.17	54.0	10.94	AV	1.00	100	Horizontal	Pass
6	16116.300	55.06	1.88	74.0	18.94	Peak	217.00	300	Horizontal	Pass
6**	16116.300	45.95	1.88	54.0	8.05	AV	217.00	300	Horizontal	Pass

11ac40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.800	38.23	-17.16	74.0	35.77	Peak	193.00	100	Vertical	Pass
1**	1625.800	28.15	-17.16	54.0	25.85	AV	193.00	100	Vertical	Pass
2	4255.250	47.80	-4.03	74.0	26.20	Peak	215.00	200	Vertical	Pass
2**	4255.250	38.44	-4.03	54.0	15.56	AV	215.00	200	Vertical	Pass
3	5711.750	97.76	-2.17	--	--	Peak	287.00	200	Vertical	N/A
3**	5711.750	90.41	-2.17	--	--	AV	287.00	200	Vertical	N/A
4	7351.750	53.55	0.10	74.0	20.45	Peak	28.00	200	Vertical	Pass
4**	7351.750	43.57	0.10	54.0	10.43	AV	28.00	200	Vertical	Pass
5	11763.425	52.75	-0.18	74.0	21.25	Peak	1.00	200	Vertical	Pass
5**	11763.425	43.34	-0.18	54.0	10.66	AV	1.00	200	Vertical	Pass
6	16174.050	54.95	1.99	74.0	19.05	Peak	287.00	400	Vertical	Pass
6**	16174.050	45.72	1.99	54.0	8.28	AV	287.00	400	Vertical	Pass

11ac80, U-NII-2C&U-NII-3,1 GHz to 18 GHz, 138 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.900	38.07	-16.94	74.0	35.93	Peak	111.00	400	Horizontal	Pass
1**	1512.900	28.83	-16.94	54.0	25.17	AV	111.00	400	Horizontal	Pass
2	4314.750	47.29	-5.26	74.0	26.71	Peak	360.00	400	Horizontal	Pass
2**	4314.750	38.83	-5.26	54.0	15.17	AV	360.00	400	Horizontal	Pass
3	5696.000	95.65	-2.40	--	--	Peak	218.00	200	Horizontal	N/A
3**	5696.000	87.25	-2.40	--	--	AV	218.00	200	Horizontal	N/A
4	7419.250	53.27	1.23	74.0	20.73	Peak	359.00	100	Horizontal	Pass
4**	7419.250	44.48	1.23	54.0	9.52	AV	359.00	100	Horizontal	Pass
5	11833.725	53.22	-0.54	74.0	20.78	Peak	218.00	150	Horizontal	Pass
5**	11833.725	42.44	-0.54	54.0	11.56	AV	218.00	150	Horizontal	Pass
6	15959.063	54.64	1.18	74.0	19.36	Peak	35.00	300	Horizontal	Pass
6**	15959.063	44.65	1.18	54.0	9.35	AV	35.00	300	Horizontal	Pass

11ac80, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 138 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.600	38.38	-16.88	74.0	35.62	Peak	201.00	200	Vertical	Pass
1**	1518.600	28.87	-16.88	54.0	25.13	AV	201.00	200	Vertical	Pass
2	4357.750	46.89	-4.70	74.0	27.11	Peak	279.00	400	Vertical	Pass
2**	4357.750	37.31	-4.70	54.0	16.69	AV	279.00	400	Vertical	Pass
3	5683.500	94.44	-2.30	--	--	Peak	279.00	150	Vertical	N/A
3**	5683.500	85.96	-2.30	--	--	AV	279.00	150	Vertical	N/A
4	7598.750	53.47	0.98	74.0	20.53	Peak	0.00	400	Vertical	Pass
4**	7598.750	44.66	0.98	54.0	9.34	AV	0.00	400	Vertical	Pass
5	11798.813	53.06	-0.15	74.0	20.94	Peak	161.00	100	Vertical	Pass
5**	11798.813	43.43	-0.15	54.0	10.57	AV	161.00	100	Vertical	Pass
6	15933.338	54.40	1.45	74.0	19.60	Peak	0.00	200	Vertical	Pass
6**	15933.338	44.99	1.45	54.0	9.01	AV	0.00	200	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

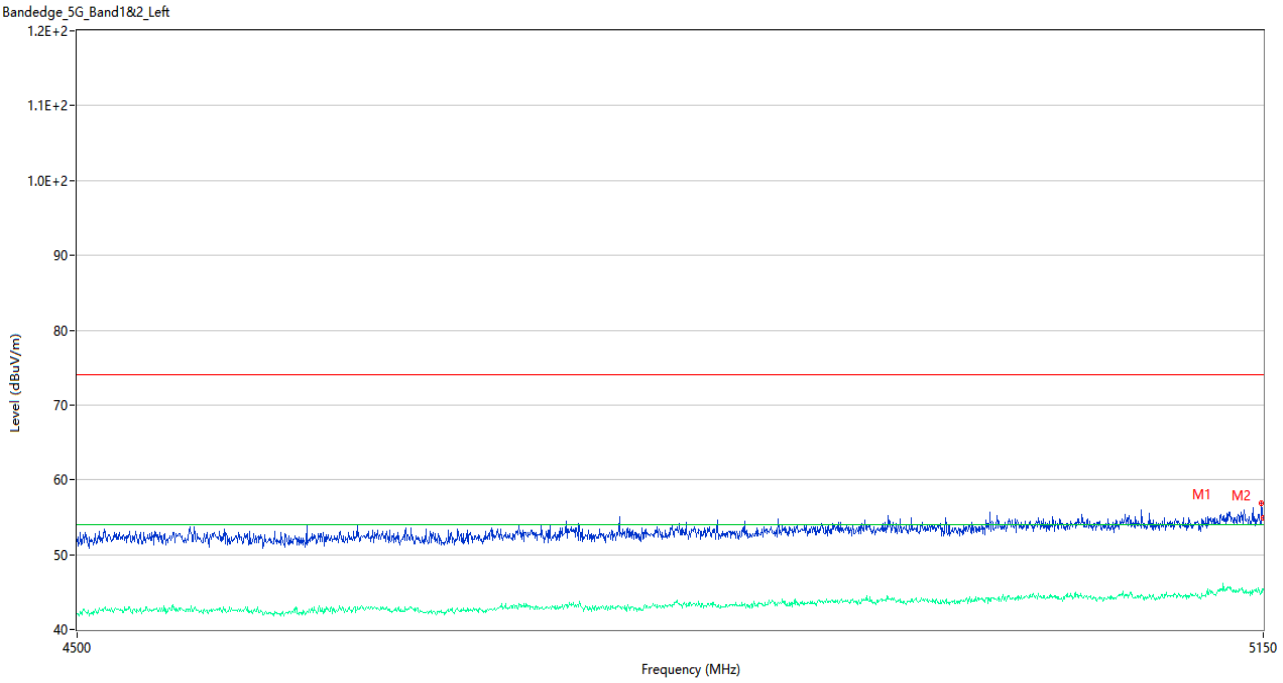
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	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 Band	Mode	Channel	Verdict
U-NII-2C & U-NII-3	802.11a	144	Pass
	802.11n(HT20)	144	Pass
	802.11n(HT40)	142	Pass
	802.11ac(VHT20)	144	Pass
	802.11ac(VHT40)	142	Pass
	802.11ac(VHT80)	138	Pass

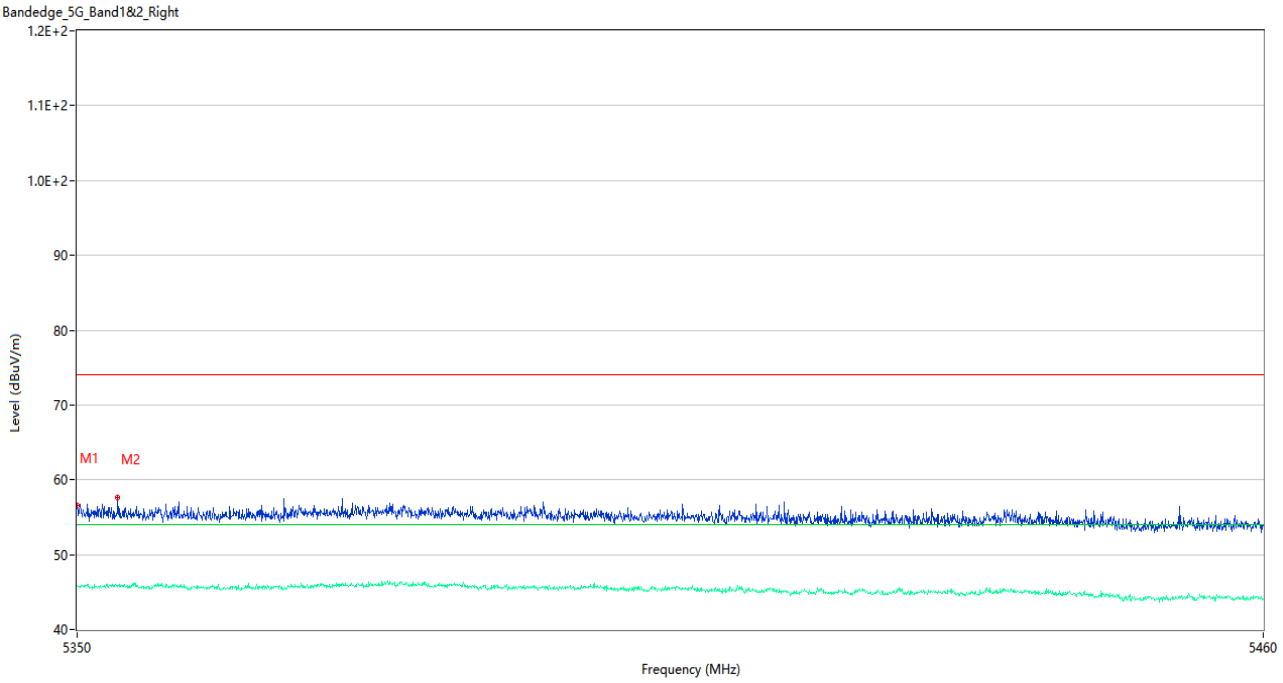
Test Data and Plots

U-NII-1 11a Low Channel



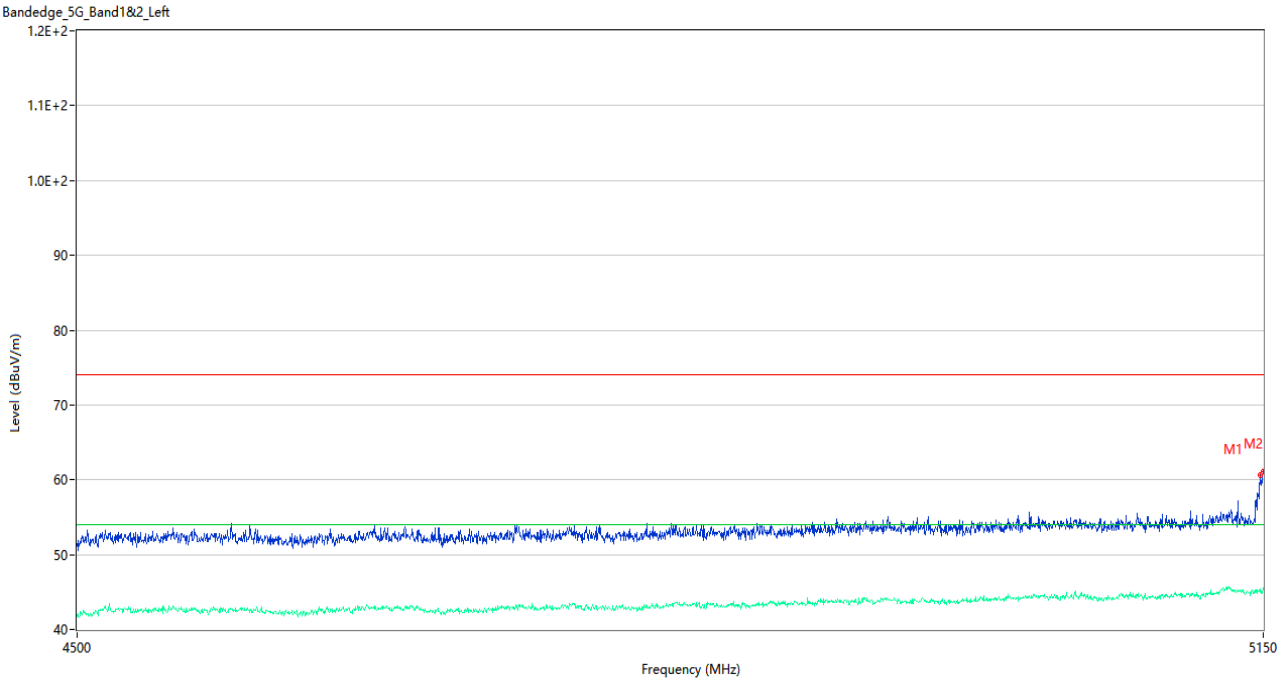
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.900	56.88	2.86	74.0	17.12	Peak	188.00	200	Horizontal	Pass
1**	5148.900	45.03	2.86	54.0	8.97	AV	188.00	200	Horizontal	Pass
2	5149.950	54.86	2.86	74.0	19.14	Peak	227.00	200	Horizontal	Pass
2**	5149.950	45.43	2.86	54.0	8.57	AV	227.00	200	Horizontal	Pass

U-NII-1 11a High Channel



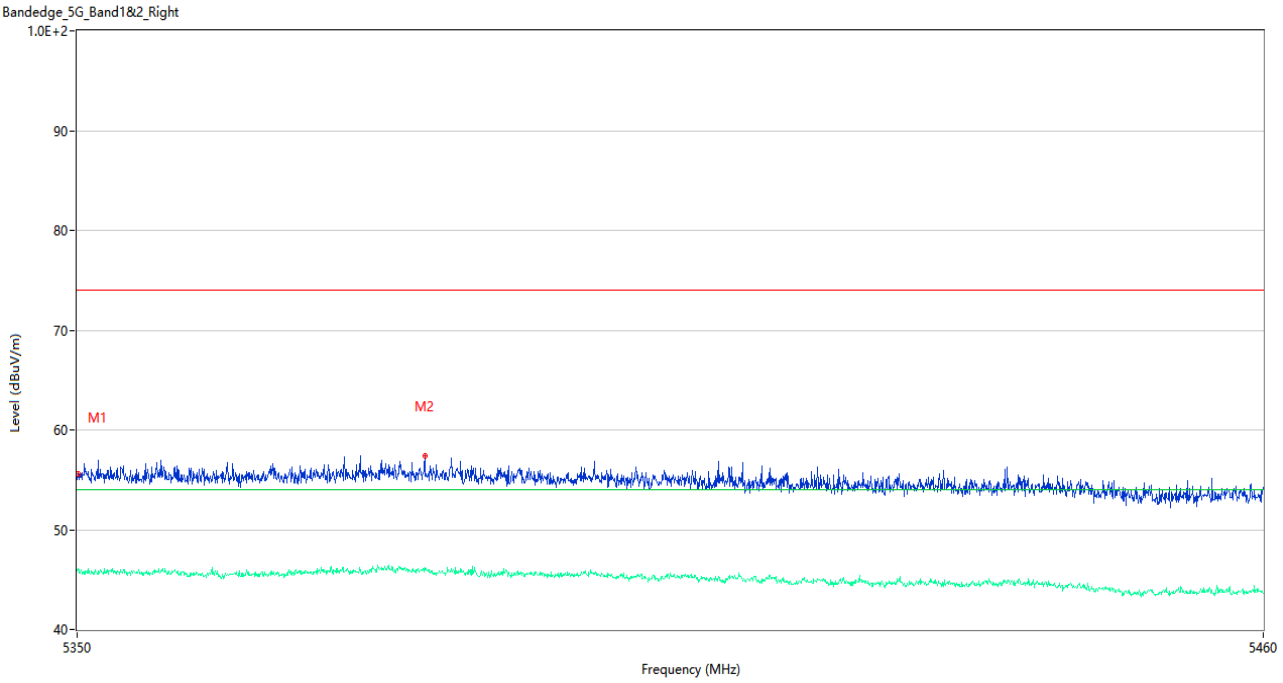
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.62	3.32	74.0	17.38	Peak	188.00	150	Horizontal	Pass
1**	5350.000	45.90	3.32	54.0	8.10	AV	188.00	150	Horizontal	Pass
2	5353.740	57.67	3.09	74.0	16.33	Peak	98.00	100	Horizontal	Pass
2**	5353.740	45.93	3.09	54.0	8.07	AV	98.00	100	Horizontal	Pass

U-NII-1 11n20 Low Channel



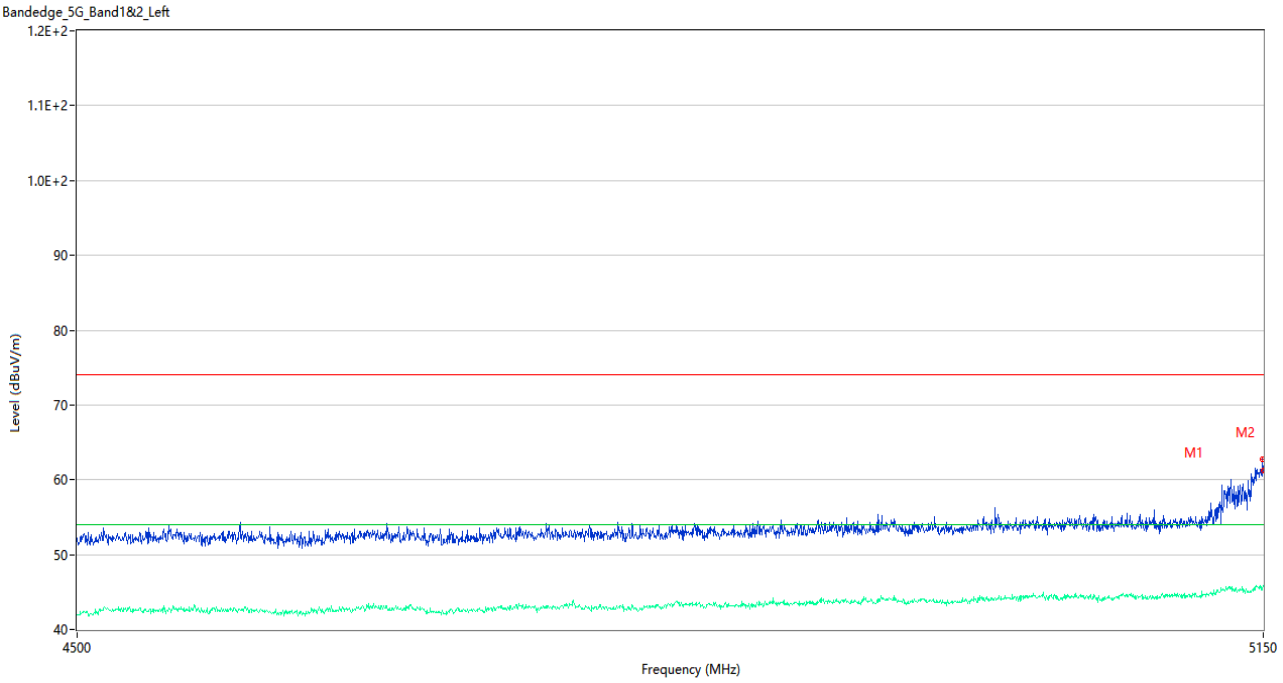
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.375	60.64	2.77	74.0	13.36	Peak	140.00	100	Horizontal	Pass
1**	5148.375	44.94	2.77	54.0	9.06	AV	140.00	100	Horizontal	Pass
2	5150.000	61.09	2.86	74.0	12.91	Peak	176.00	100	Horizontal	Pass
2**	5150.000	45.54	2.86	54.0	8.46	AV	176.00	100	Horizontal	Pass

U-NII-1 11n20 High Channel



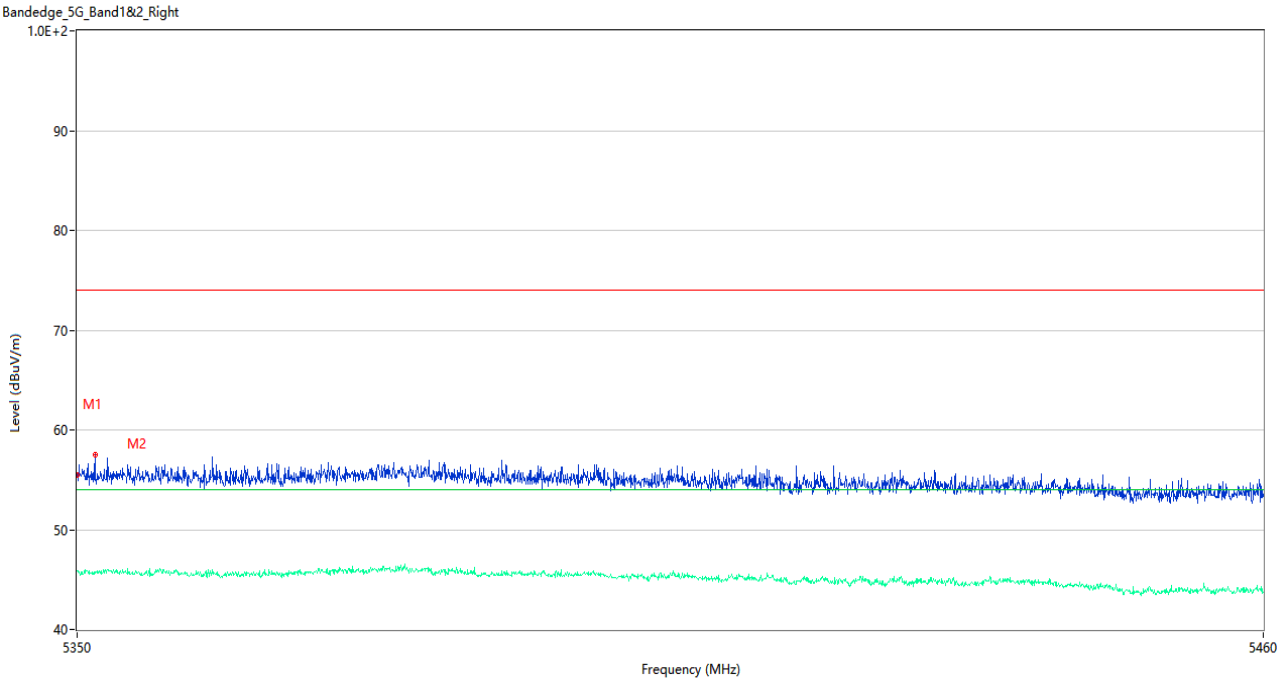
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.64	3.30	74.0	18.36	Peak	186.00	100	Horizontal	Pass
1**	5350.055	46.11	3.30	54.0	7.89	AV	186.00	100	Horizontal	Pass
2	5382.010	57.36	3.19	74.0	16.64	Peak	279.00	150	Horizontal	Pass
2**	5382.010	45.96	3.19	54.0	8.04	AV	279.00	150	Horizontal	Pass

U-NII-1 11n40 Low Channel



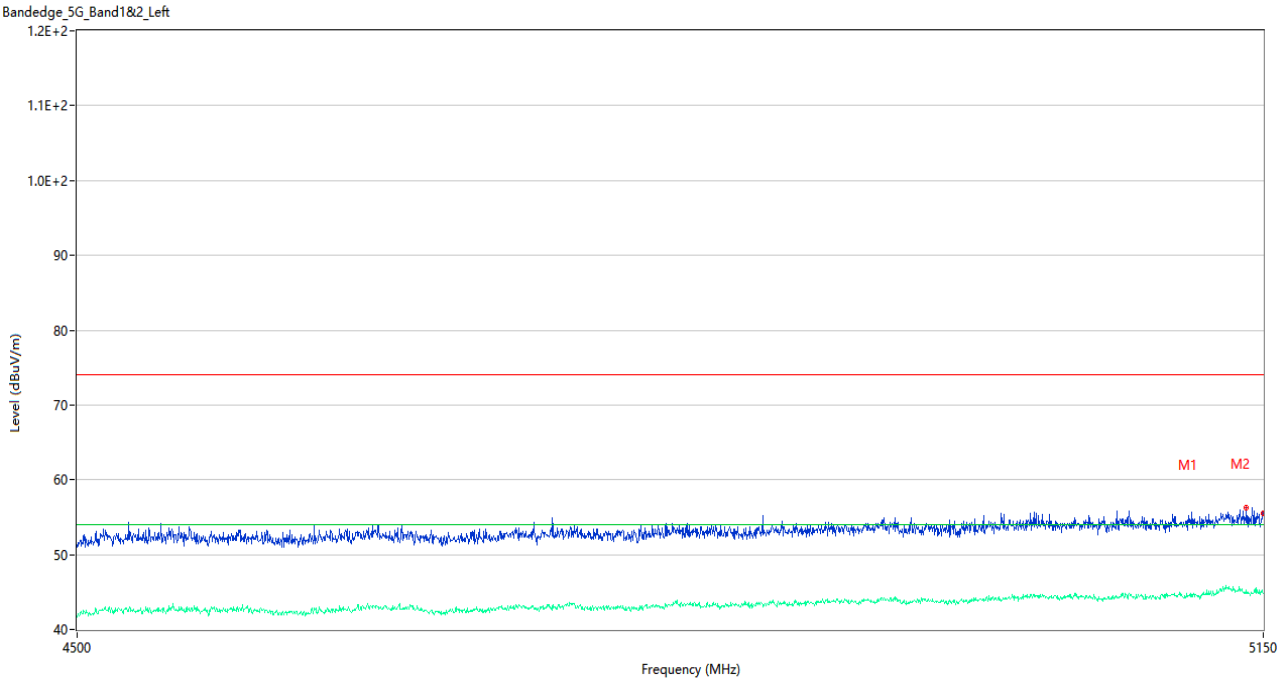
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	62.77	2.85	74.0	11.23	Peak	180.00	150	Horizontal	Pass
1**	5149.675	45.30	2.85	54.0	8.70	AV	180.00	150	Horizontal	Pass
2	5150.000	61.26	2.86	74.0	12.74	Peak	215.00	150	Horizontal	Pass
2**	5150.000	45.89	2.86	54.0	8.11	AV	215.00	150	Horizontal	Pass

U-NII-1 11n40 High Channel



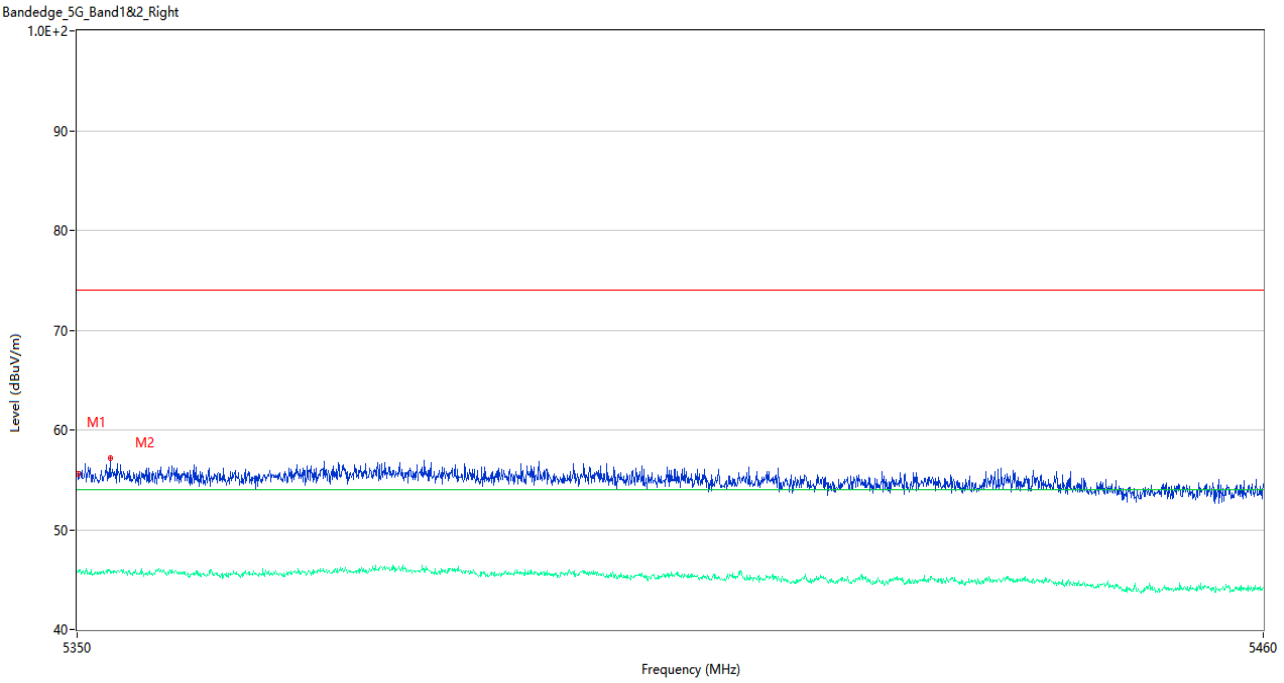
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.43	3.32	74.0	18.57	Peak	192.00	200	Horizontal	Pass
1**	5350.000	45.86	3.32	54.0	8.14	AV	192.00	200	Horizontal	Pass
2	5351.650	57.49	3.07	74.0	16.51	Peak	127.00	150	Horizontal	Pass
2**	5351.650	45.76	3.07	54.0	8.24	AV	127.00	150	Horizontal	Pass

U-NII-1 11ac20 Low Channel



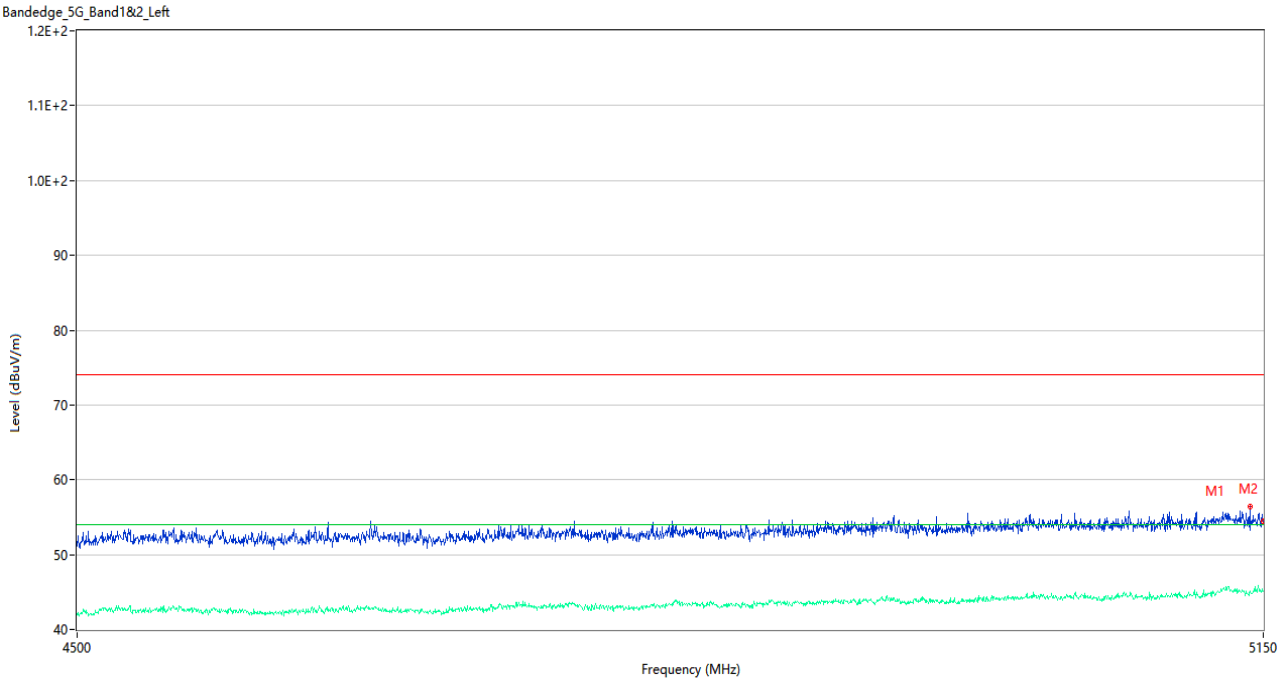
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5140.250	56.33	2.94	74.0	17.67	Peak	163.00	100	Horizontal	Pass
1**	5140.250	45.24	2.94	54.0	8.76	AV	163.00	100	Horizontal	Pass
2	5150.000	55.47	2.86	74.0	18.53	Peak	156.00	200	Horizontal	Pass
2**	5150.000	44.85	2.86	54.0	9.15	AV	156.00	200	Horizontal	Pass

U-NII-1 11ac20 High Channel



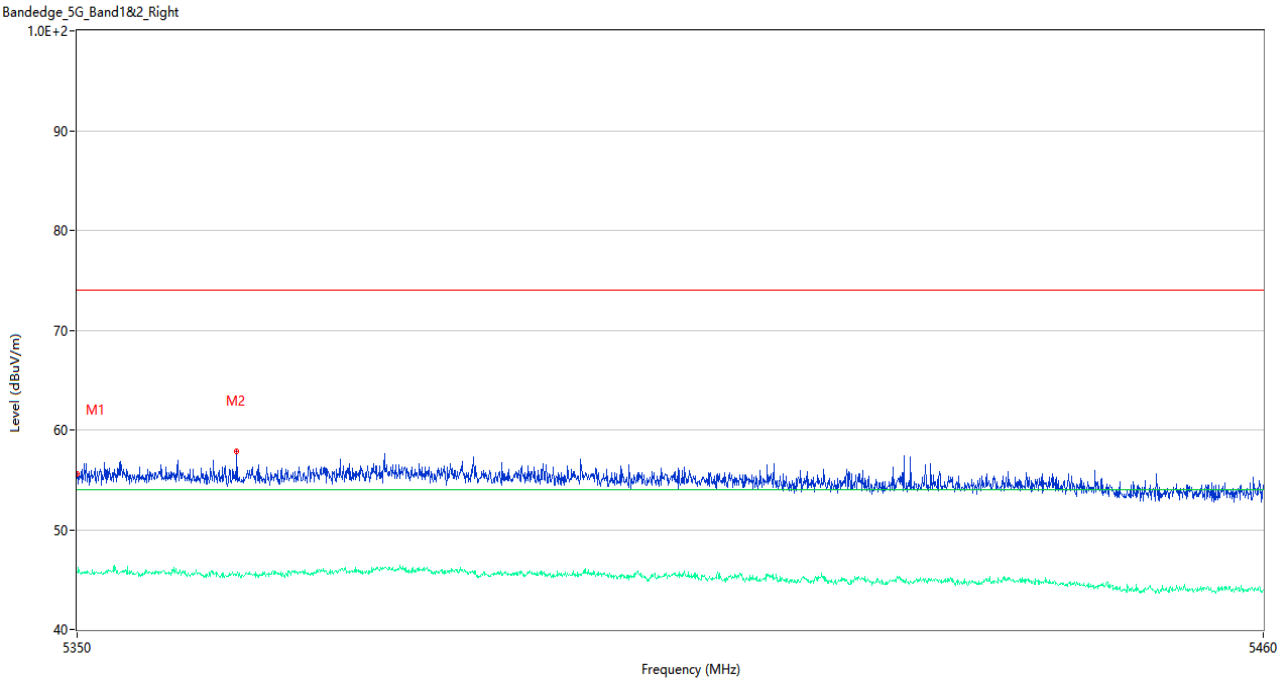
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.63	3.30	74.0	18.37	Peak	69.00	200	Horizontal	Pass
1**	5350.055	45.84	3.30	54.0	8.16	AV	69.00	200	Horizontal	Pass
2	5353.025	57.13	3.23	74.0	16.87	Peak	194.00	100	Horizontal	Pass
2**	5353.025	45.70	3.23	54.0	8.30	AV	194.00	100	Horizontal	Pass

U-NII-1 11ac40 Low Channel



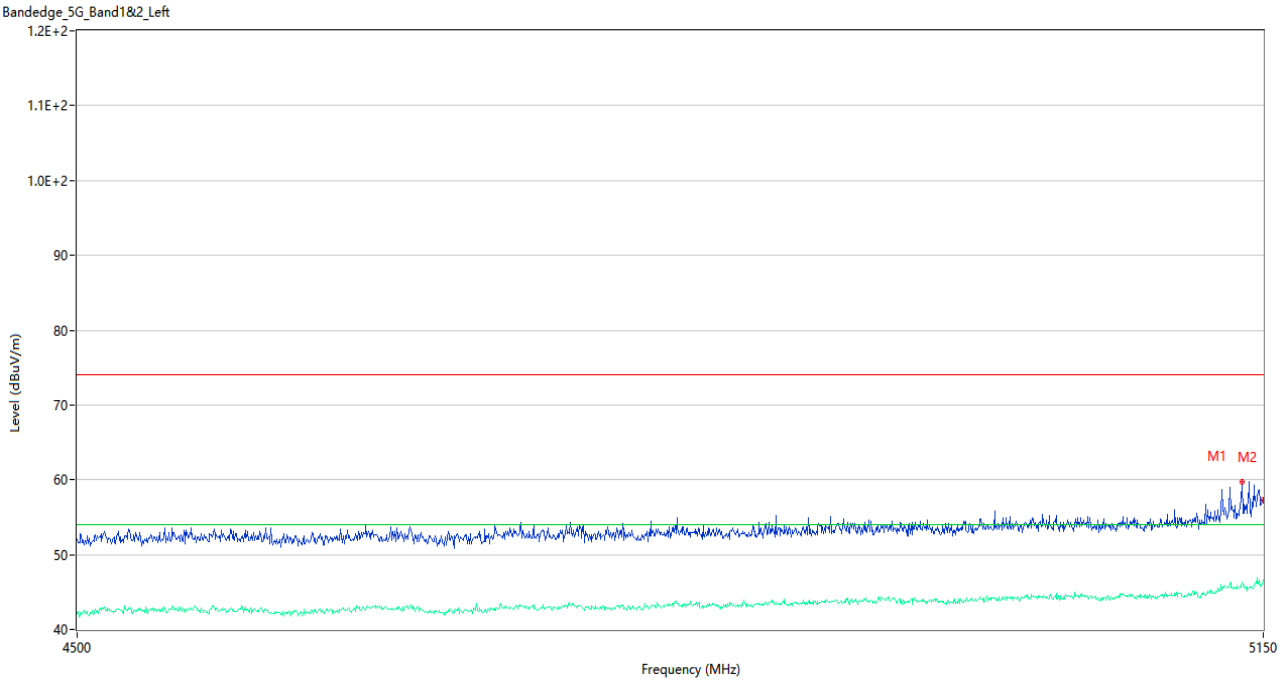
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5142.200	56.49	2.84	74.0	17.51	Peak	180.00	100	Horizontal	Pass
1**	5142.200	45.09	2.84	54.0	8.91	AV	180.00	100	Horizontal	Pass
2	5150.000	54.42	2.86	74.0	19.58	Peak	210.00	150	Horizontal	Pass
2**	5150.000	45.07	2.86	54.0	8.93	AV	210.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel



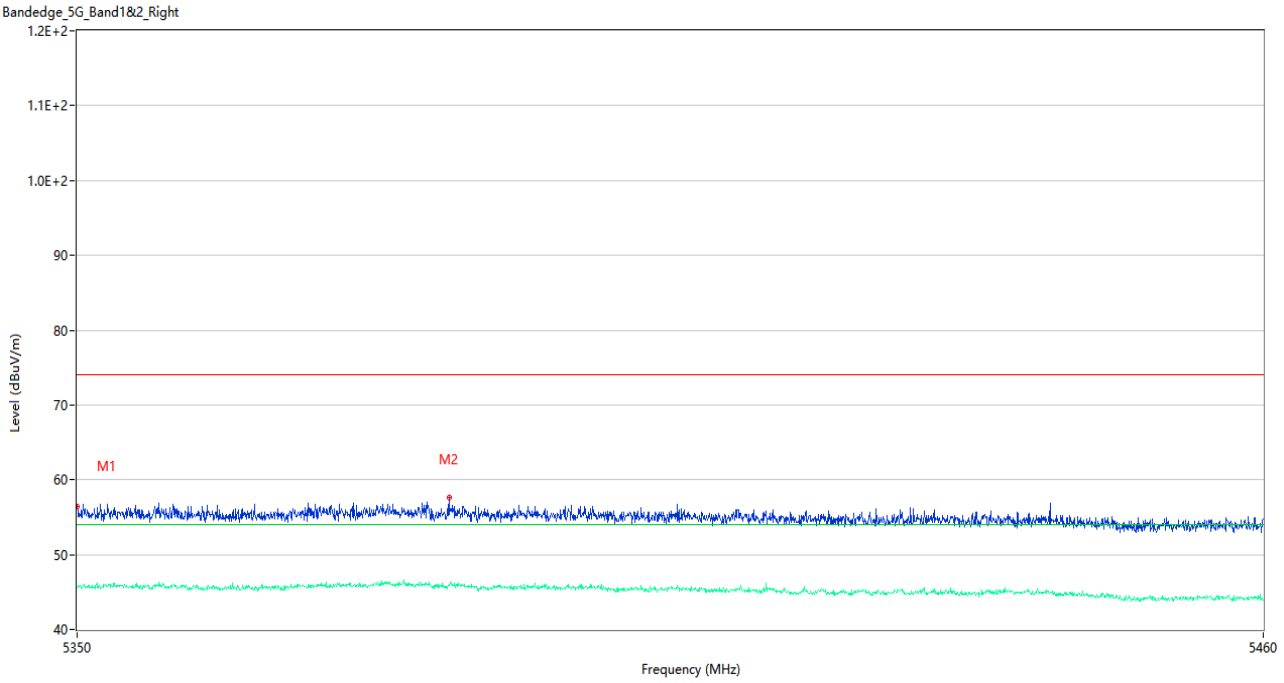
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.59	3.32	74.0	18.41	Peak	220.00	100	Horizontal	Pass
1**	5350.000	45.77	3.32	54.0	8.23	AV	220.00	100	Horizontal	Pass
2	5364.685	57.90	2.63	74.0	16.10	Peak	329.00	100	Horizontal	Pass
2**	5364.685	45.40	2.63	54.0	8.60	AV	329.00	100	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



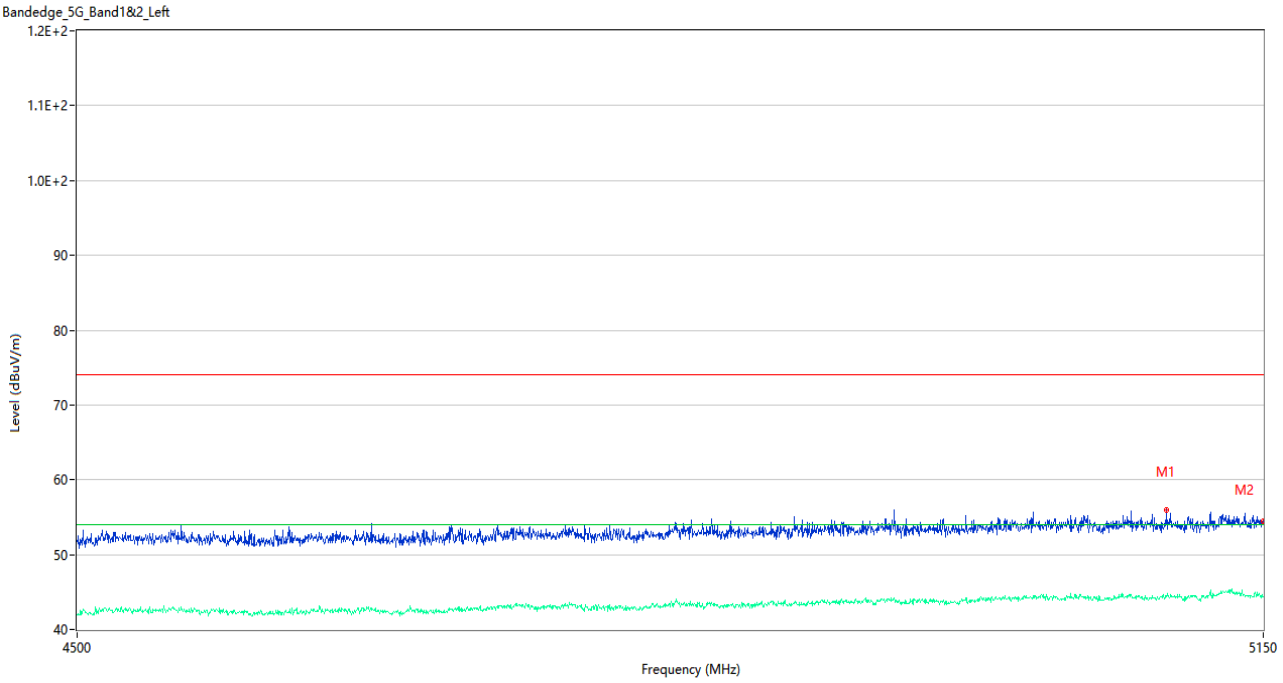
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	v	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5137.650	59.76	3.22	74.0	14.24	Peak	148.00	150	Horizontal	Pass
1**	5137.650	46.33	3.22	54.0	7.67	AV	148.00	150	Horizontal	Pass
2	5149.800	57.27	2.86	74.0	16.73	Peak	166.00	150	Horizontal	Pass
2**	5149.800	46.63	2.86	54.0	7.37	AV	166.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



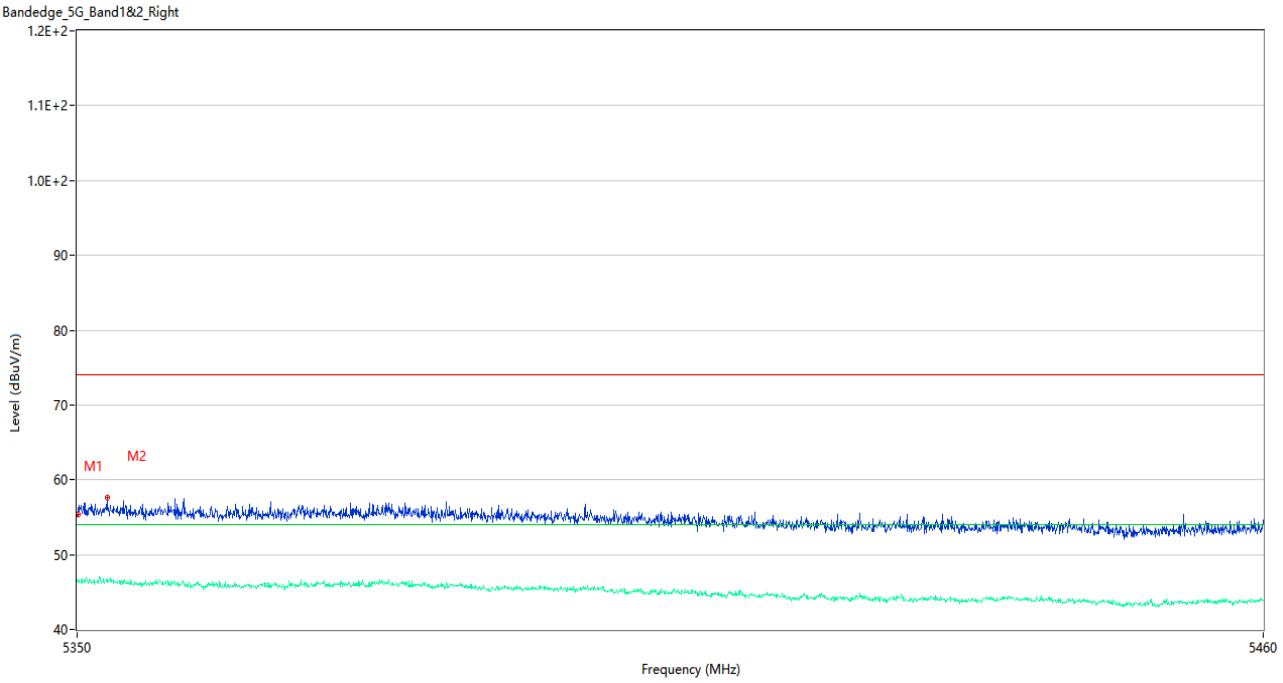
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.42	3.32	74.0	17.58	Peak	182.00	150	Horizontal	Pass
1**	5350.000	45.58	3.32	54.0	8.42	AV	182.00	150	Horizontal	Pass
2	5384.265	57.68	3.07	74.0	16.32	Peak	7.00	200	Horizontal	Pass
2**	5384.265	45.91	3.07	54.0	8.09	AV	7.00	200	Horizontal	Pass

U-NII-2A 11a Low Channel



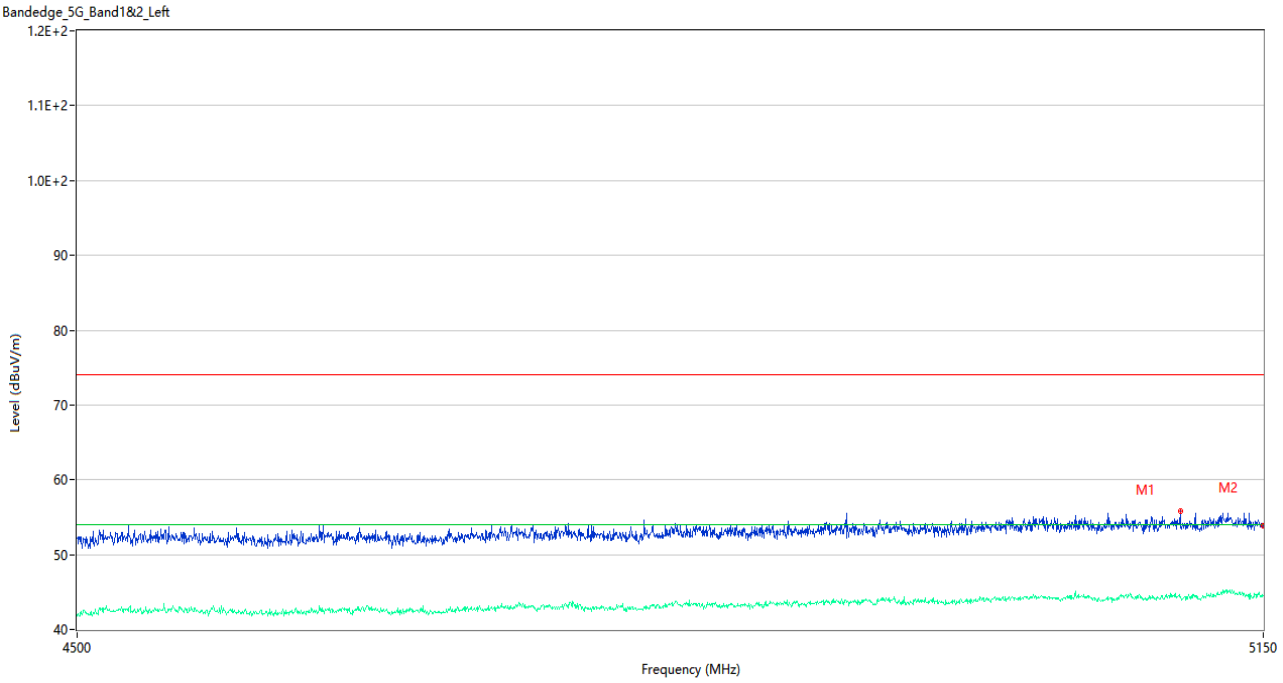
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5093.775	56.03	2.99	74.0	17.97	Peak	98.00	200	Horizontal	Pass
1**	5093.775	44.51	2.99	54.0	9.49	AV	98.00	200	Horizontal	Pass
2	5150.000	54.41	2.86	74.0	19.59	Peak	215.00	150	Horizontal	Pass
2**	5150.000	44.40	2.86	54.0	9.60	AV	215.00	150	Horizontal	Pass

U-NII-2A 11a High Channel



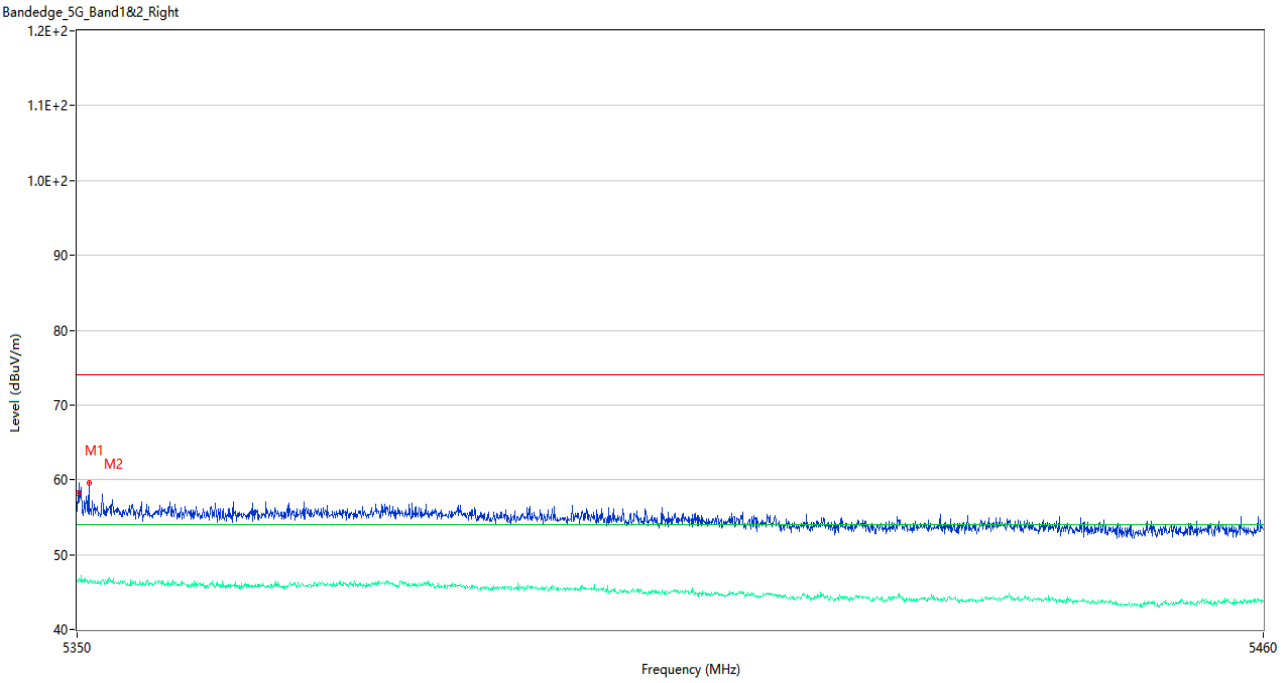
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.43	3.30	74.0	18.57	Peak	233.00	150	Horizontal	Pass
1**	5350.055	46.36	3.30	54.0	7.64	AV	233.00	150	Horizontal	Pass
2	5352.750	57.62	3.17	74.0	16.38	Peak	226.00	150	Horizontal	Pass
2**	5352.750	46.31	3.17	54.0	7.69	AV	226.00	150	Horizontal	Pass

U-NII-2A 11n20 Low Channel



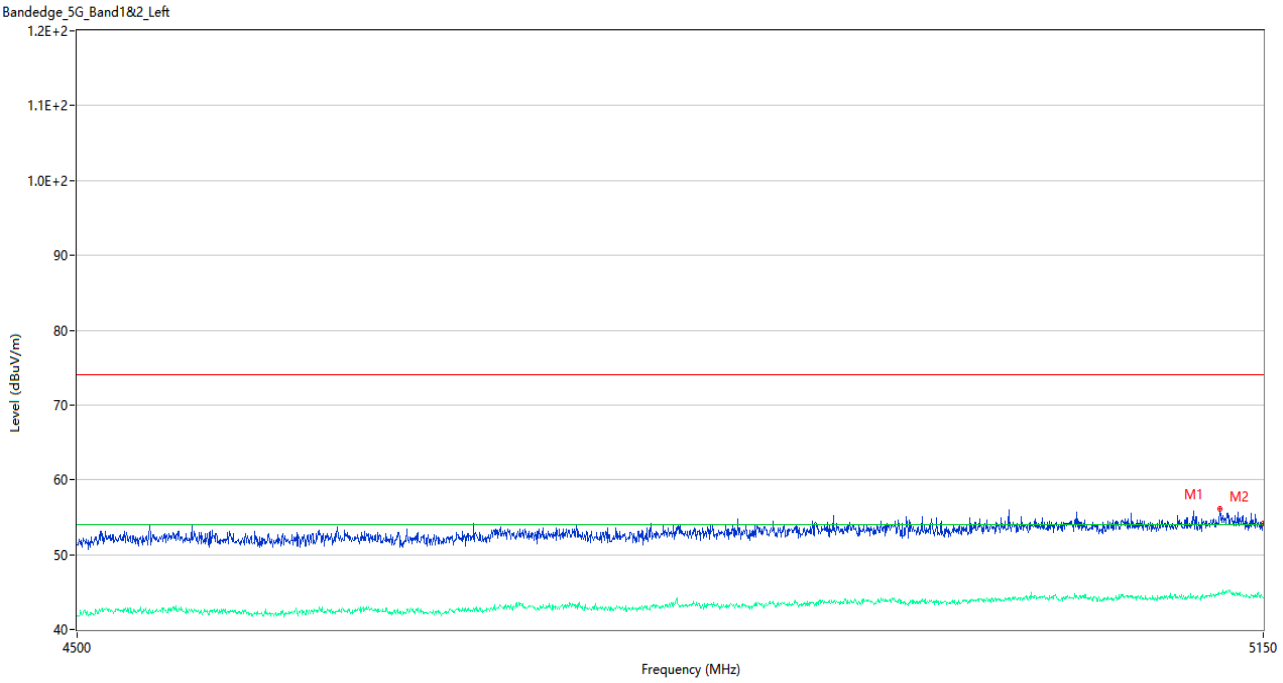
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5101.575	55.85	2.85	74.0	18.15	Peak	207.00	100	Horizontal	Pass
1**	5101.575	44.19	2.85	54.0	9.81	AV	207.00	100	Horizontal	Pass
2	5150.000	53.81	2.86	74.0	20.19	Peak	127.00	150	Horizontal	Pass
2**	5150.000	44.55	2.86	54.0	9.45	AV	127.00	150	Horizontal	Pass

U-NII-2A 11n20 High Channel



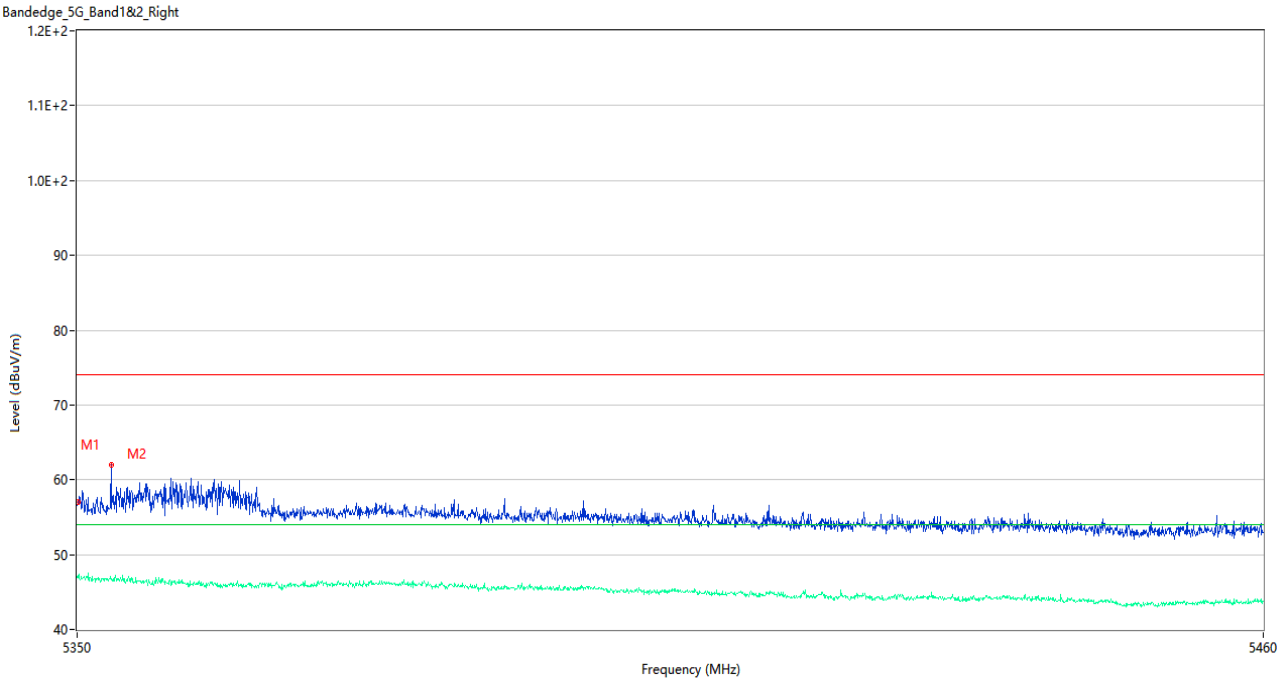
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	58.29	3.30	74.0	15.71	Peak	229.00	100	Horizontal	Pass
1**	5350.055	46.59	3.30	54.0	7.41	AV	229.00	100	Horizontal	Pass
2	5351.100	59.63	3.15	74.0	14.37	Peak	188.00	200	Horizontal	Pass
2**	5351.100	46.33	3.15	54.0	7.67	AV	188.00	200	Horizontal	Pass

U-NII-2A 11n40 Low Channel



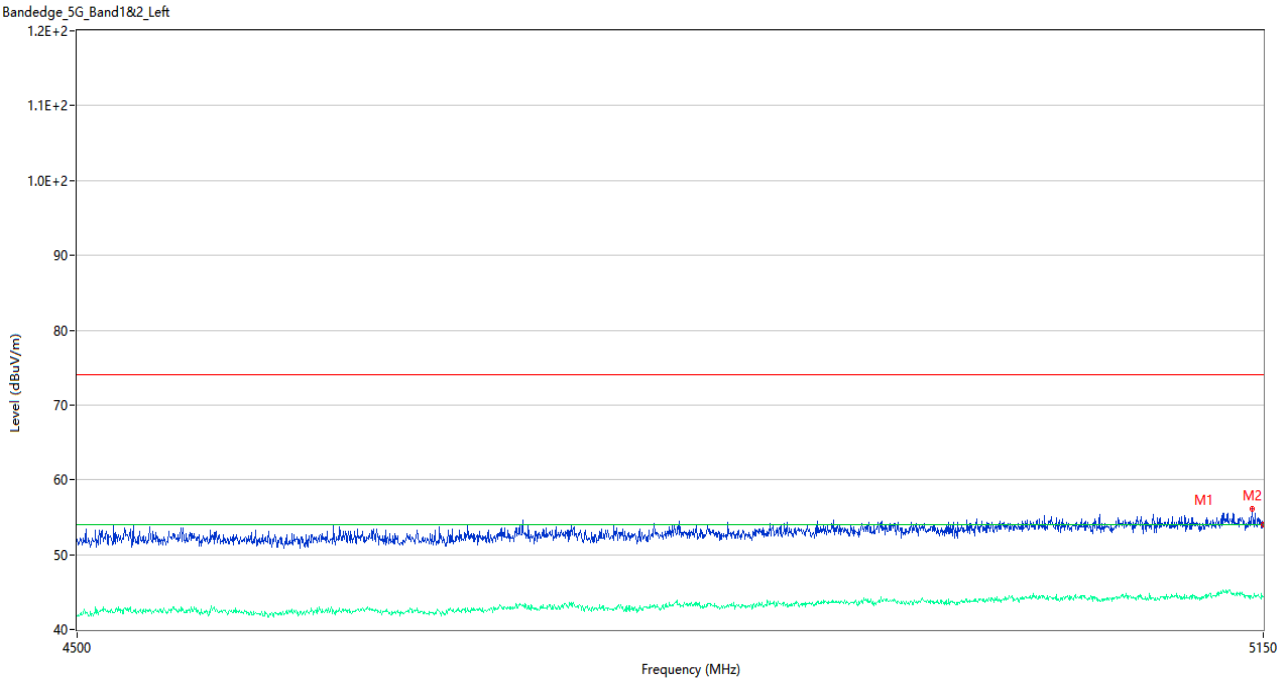
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5124.650	56.16	3.09	74.0	17.84	Peak	252.00	150	Horizontal	Pass
1**	5124.650	44.80	3.09	54.0	9.20	AV	252.00	150	Horizontal	Pass
2	5150.000	54.23	2.86	74.0	19.77	Peak	335.00	100	Horizontal	Pass
2**	5150.000	44.21	2.86	54.0	9.79	AV	335.00	100	Horizontal	Pass

U-NII-2A 11n40 High Channel



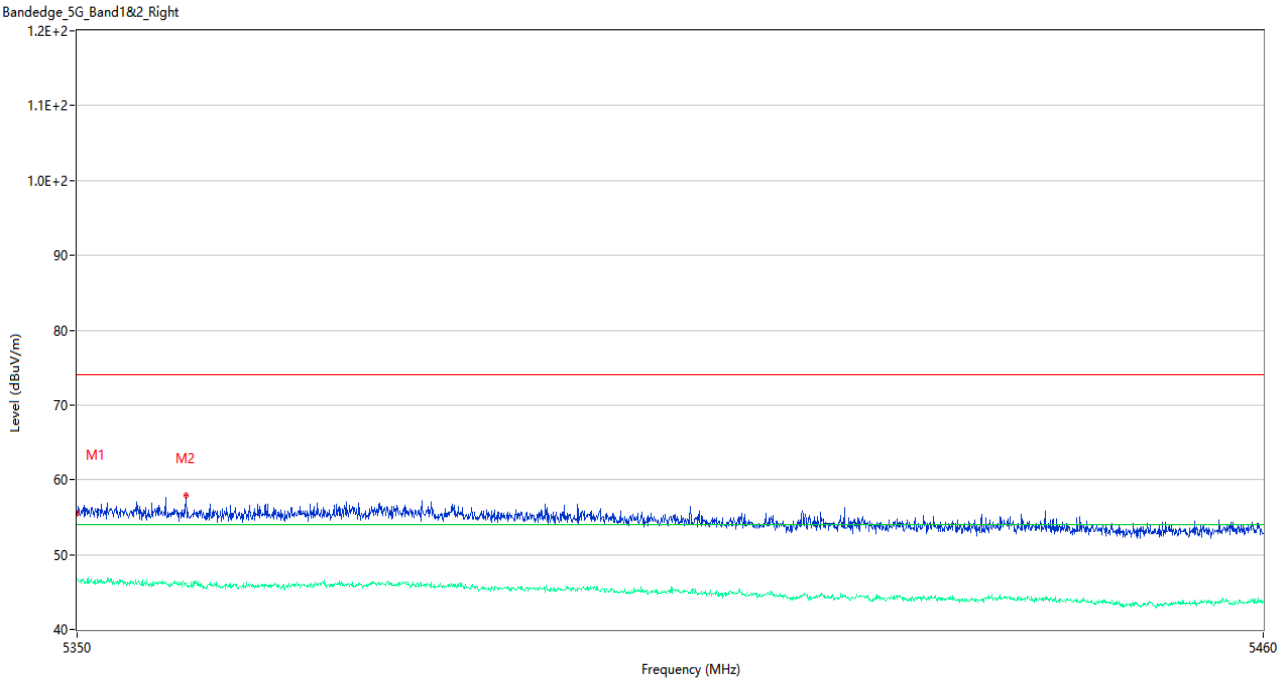
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	57.07	3.30	74.0	16.93	Peak	2.00	150	Horizontal	Pass
1**	5350.055	47.17	3.30	54.0	6.83	AV	2.00	150	Horizontal	Pass
2	5353.135	61.94	3.21	74.0	12.06	Peak	234.00	150	Horizontal	Pass
2**	5353.135	46.78	3.21	54.0	7.22	AV	234.00	150	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



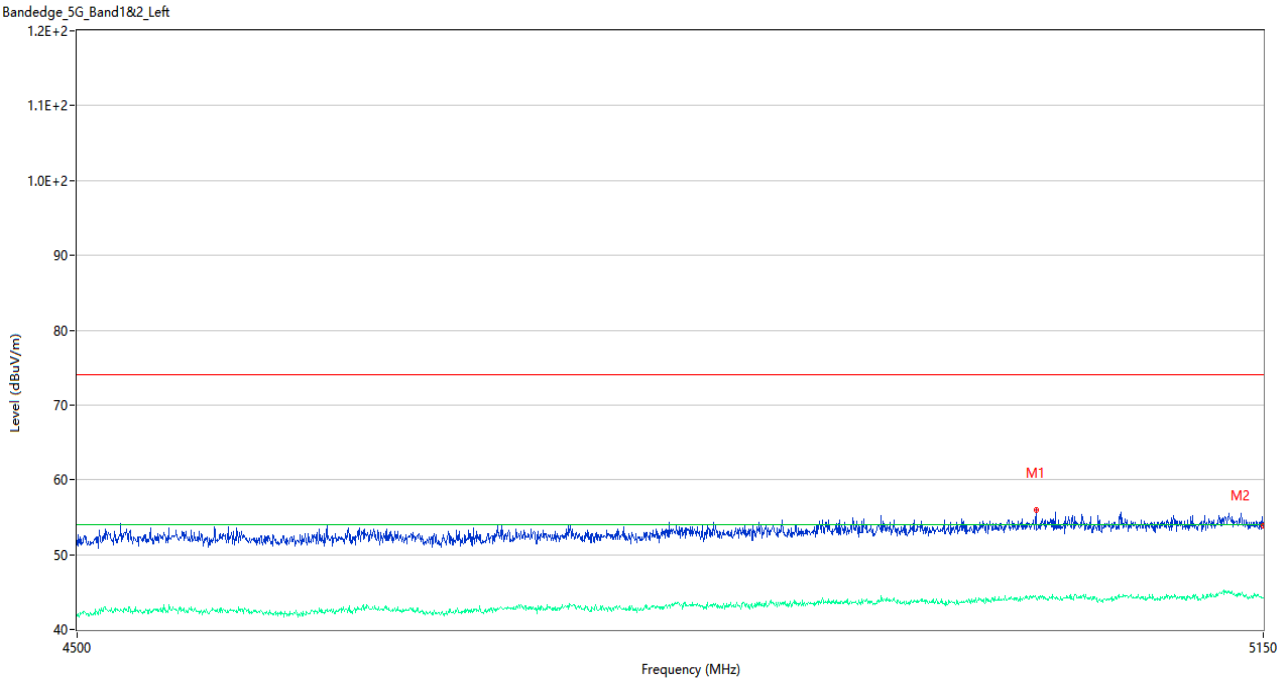
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5143.500	56.08	2.77	74.0	17.92	Peak	103.00	150	Horizontal	Pass
1**	5143.500	44.26	2.77	54.0	9.74	AV	103.00	150	Horizontal	Pass
2	5150.000	54.02	2.86	74.0	19.98	Peak	38.00	100	Horizontal	Pass
2**	5150.000	44.44	2.86	54.0	9.56	AV	38.00	100	Horizontal	Pass

U-NII-2A 11ac20 High Channel



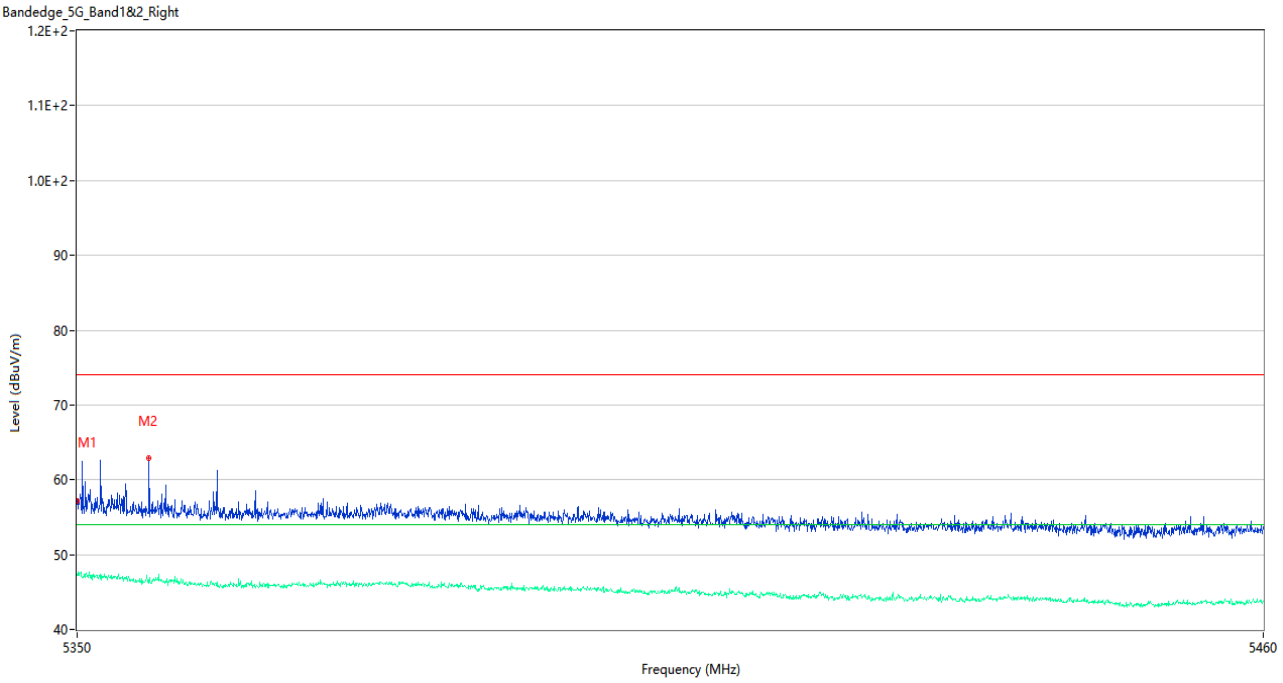
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.54	3.32	74.0	18.46	Peak	186.00	100	Horizontal	Pass
1**	5350.000	46.83	3.32	54.0	7.17	AV	186.00	100	Horizontal	Pass
2	5360.010	57.91	2.73	74.0	16.09	Peak	211.00	200	Horizontal	Pass
2**	5360.010	46.17	2.73	54.0	7.83	AV	211.00	200	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



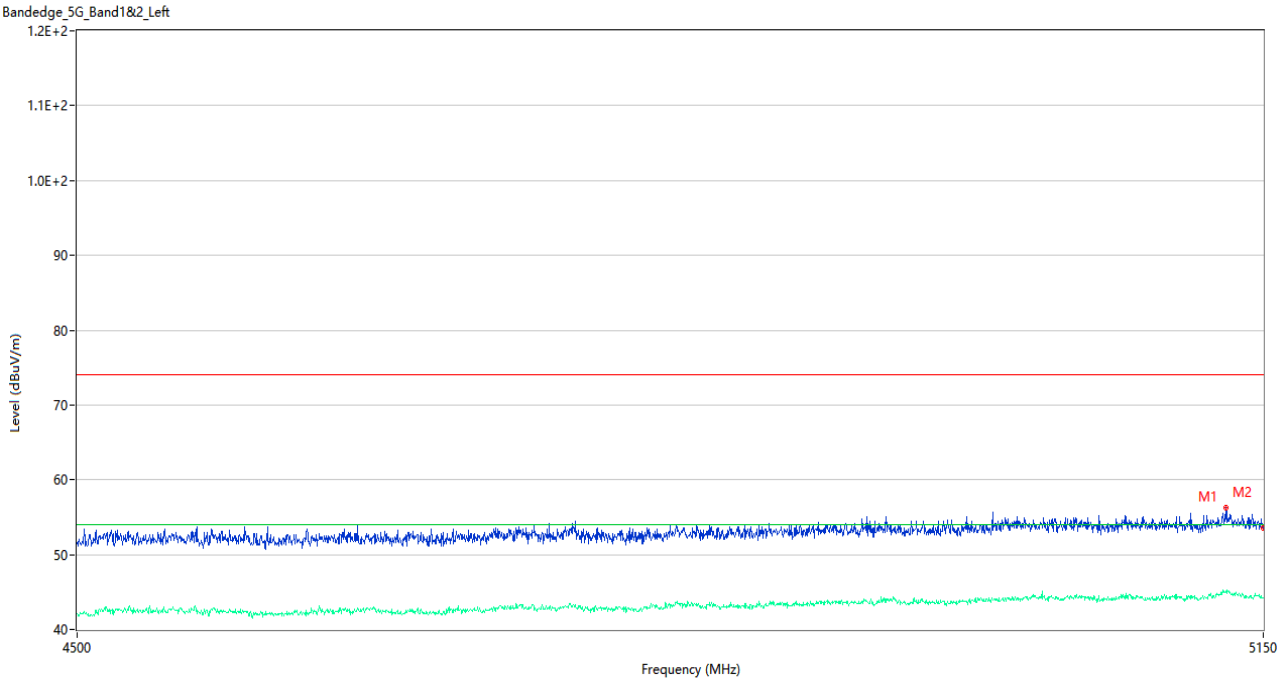
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5018.700	55.92	2.91	74.0	18.08	Peak	54.00	200	Horizontal	Pass
1**	5018.700	44.17	2.91	54.0	9.83	AV	54.00	200	Horizontal	Pass
2	5150.000	53.87	2.86	74.0	20.13	Peak	326.00	100	Horizontal	Pass
2**	5150.000	44.28	2.86	54.0	9.72	AV	326.00	100	Horizontal	Pass

U-NII-2A 11ac40 High Channel



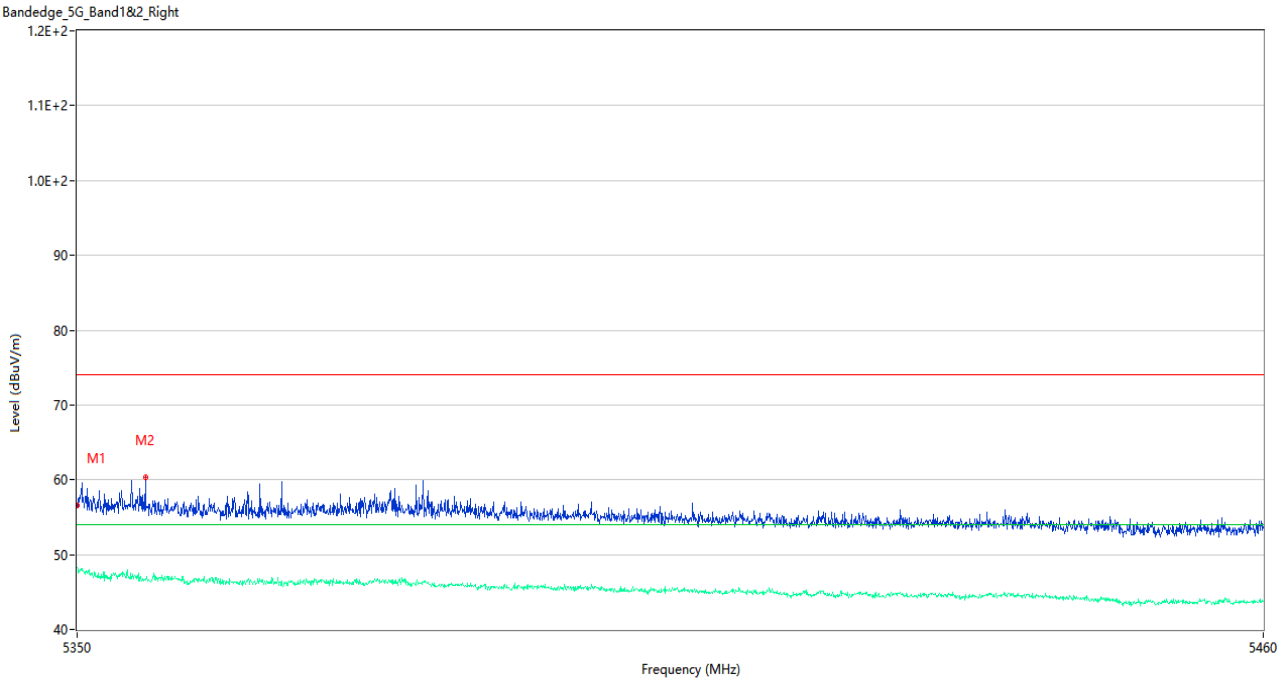
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.20	3.32	74.0	16.80	Peak	1.00	200	Horizontal	Pass
1**	5350.000	47.23	3.32	54.0	6.77	AV	1.00	200	Horizontal	Pass
2	5356.600	62.91	2.85	74.0	11.09	Peak	188.00	100	Horizontal	Pass
2**	5356.600	46.20	2.85	54.0	7.80	AV	188.00	100	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



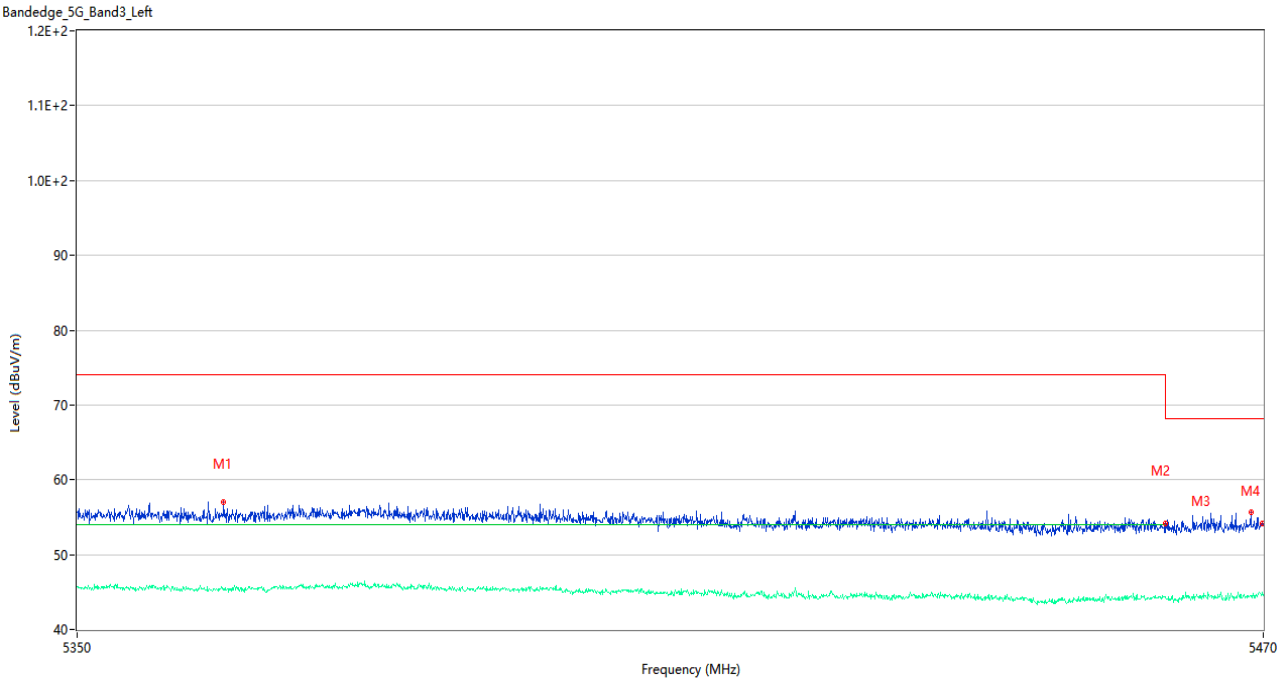
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5127.900	56.21	3.40	74.0	17.79	Peak	287.00	100	Horizontal	Pass
1**	5127.900	45.08	3.40	54.0	8.92	AV	287.00	100	Horizontal	Pass
2	5150.000	53.52	2.86	74.0	20.48	Peak	192.00	150	Horizontal	Pass
2**	5150.000	44.23	2.86	54.0	9.77	AV	192.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



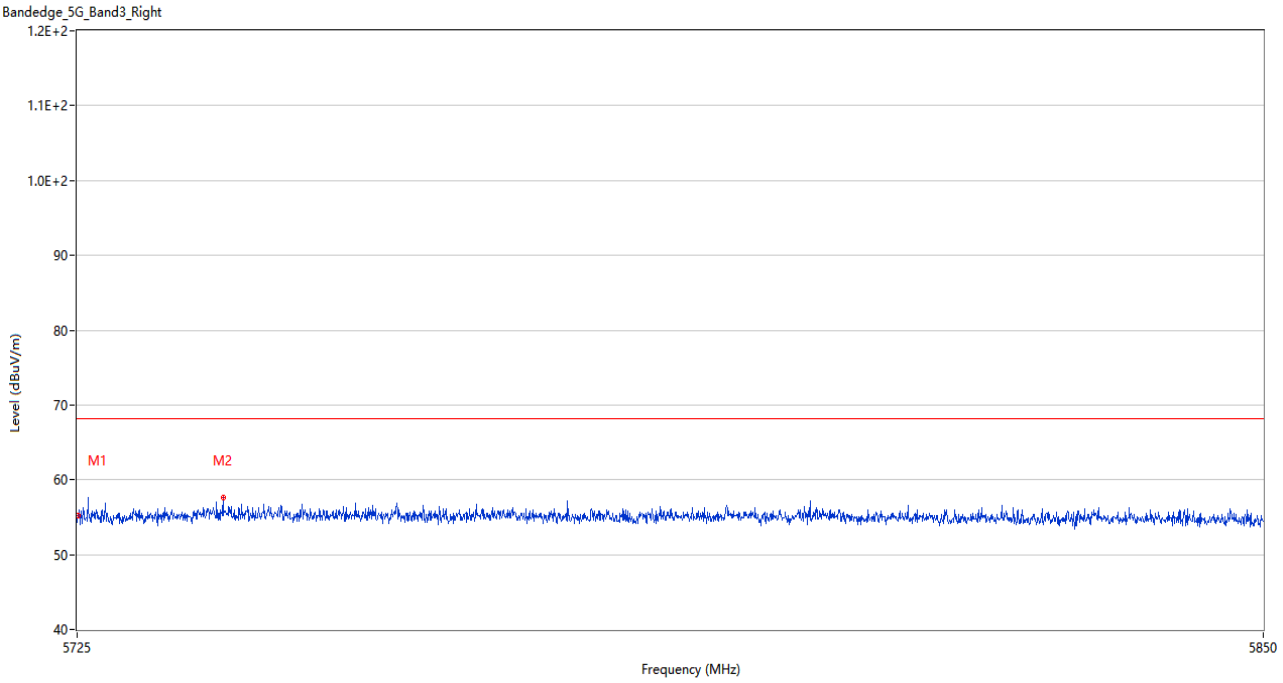
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.55	3.32	74.0	17.45	Peak	188.00	200	Horizontal	Pass
1**	5350.000	48.21	3.32	54.0	5.79	AV	188.00	200	Horizontal	Pass
2	5356.270	60.30	2.93	74.0	13.70	Peak	176.00	150	Horizontal	Pass
2**	5356.270	46.69	2.93	54.0	7.31	AV	176.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel



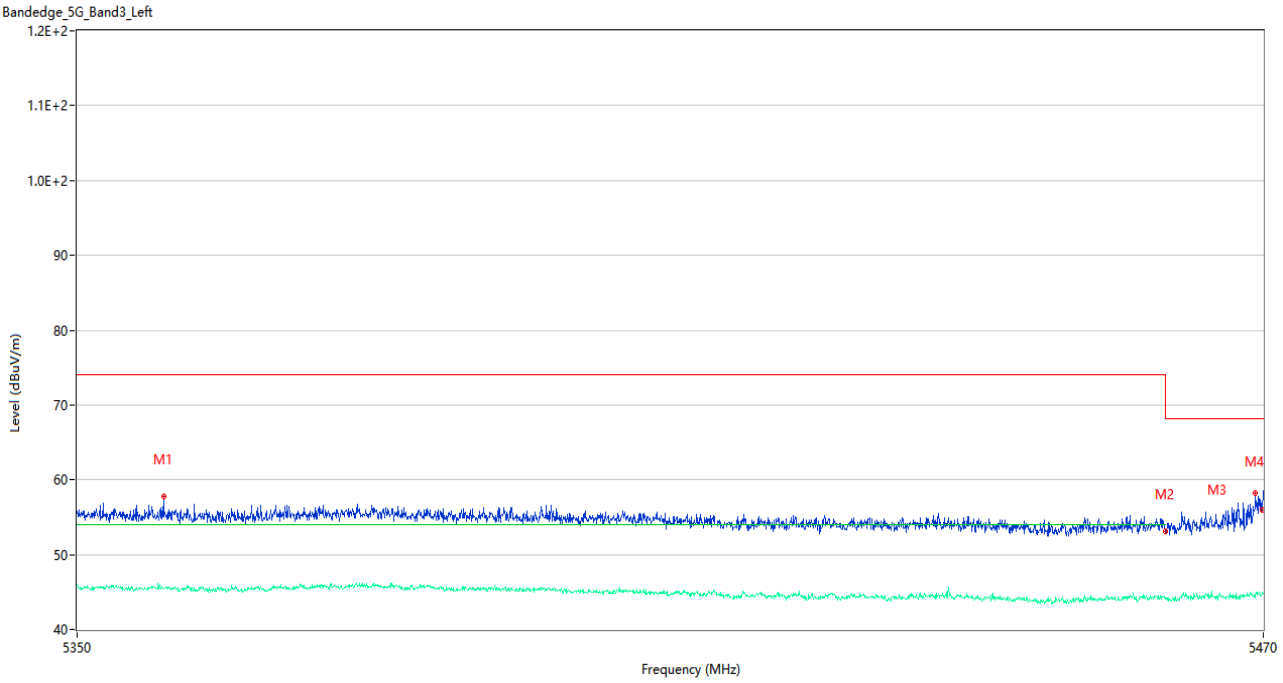
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5364.700	57.10	2.63	74.0	16.90	Peak	68.00	150	Horizontal	Pass
1**	5364.700	45.28	2.63	54.0	8.72	AV	68.00	150	Horizontal	Pass
2	5459.980	54.10	3.49	74.0	19.90	Peak	360.00	200	Horizontal	Pass
2**	5459.980	44.34	3.49	54.0	9.66	AV	360.00	200	Horizontal	Pass
3	5468.740	55.67	3.23	68.2	12.53	Peak	211.00	100	Horizontal	Pass
3**	5468.740	44.48	3.23	--	--	AV	211.00	100	Horizontal	N/A
4	5469.940	54.19	3.29	68.2	14.01	Peak	214.00	100	Horizontal	Pass
4**	5469.940	44.93	3.29	--	--	AV	214.00	100	Horizontal	N/A

U-NII-2C 11a High Channel



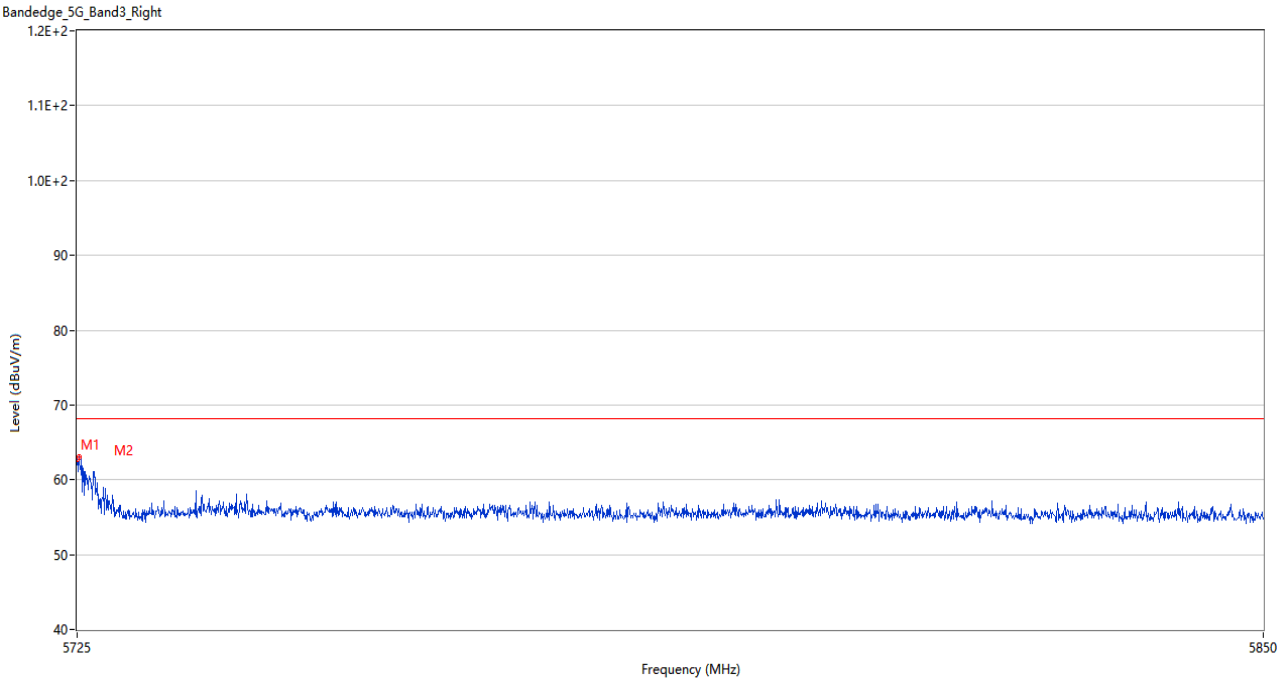
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	55.28	3.44	68.2	12.92	Peak	287.00	100	Horizontal	Pass
2	5740.250	57.64	4.05	68.2	10.56	Peak	246.00	100	Horizontal	Pass

U-NII-2C 11n20 Low Channel



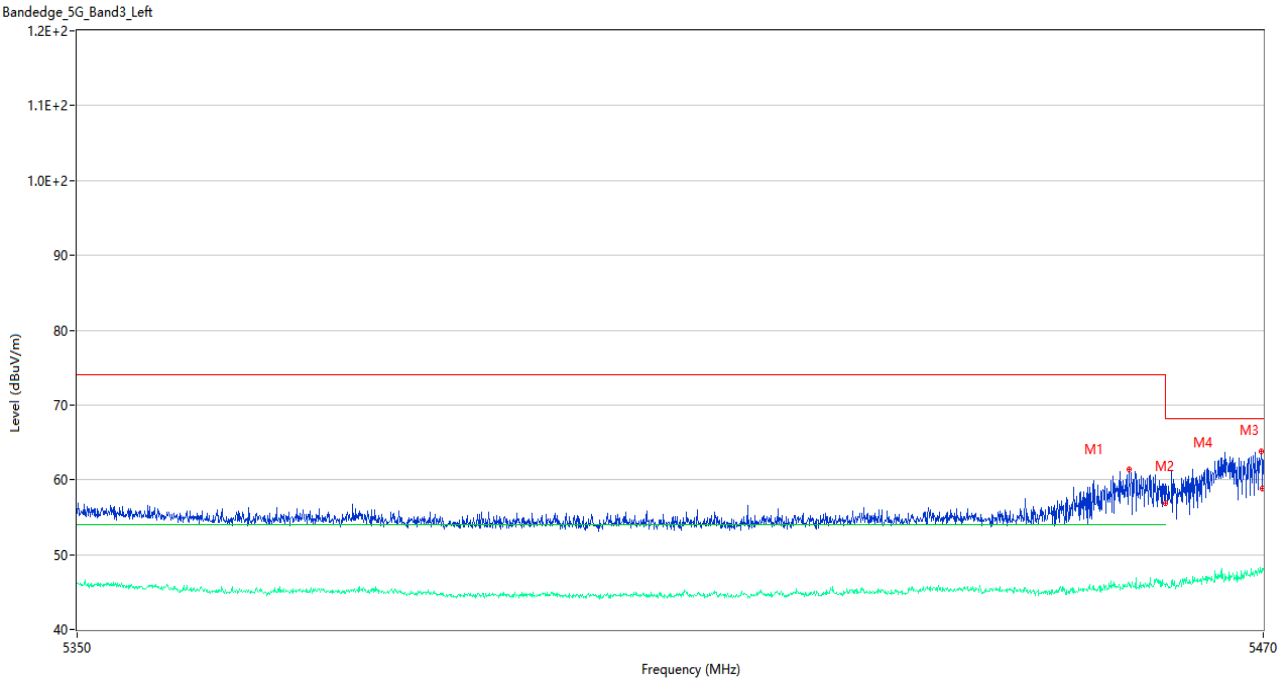
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5358.640	57.78	2.89	74.0	16.22	Peak	360.00	200	Horizontal	Pass
1**	5358.640	45.46	2.89	54.0	8.54	AV	360.00	200	Horizontal	Pass
2	5459.980	53.06	3.49	74.0	20.94	Peak	360.00	200	Horizontal	Pass
2**	5459.980	44.06	3.49	54.0	9.94	AV	360.00	200	Horizontal	Pass
3	5469.220	58.30	3.21	68.2	9.90	Peak	213.00	100	Horizontal	Pass
3**	5469.220	44.49	3.21	--	--	AV	213.00	100	Horizontal	N/A
4	5469.940	55.93	3.29	68.2	12.27	Peak	360.00	150	Horizontal	Pass
4**	5469.940	44.97	3.29	--	--	AV	360.00	150	Horizontal	N/A

U-NII-2C 11n20 High Channel



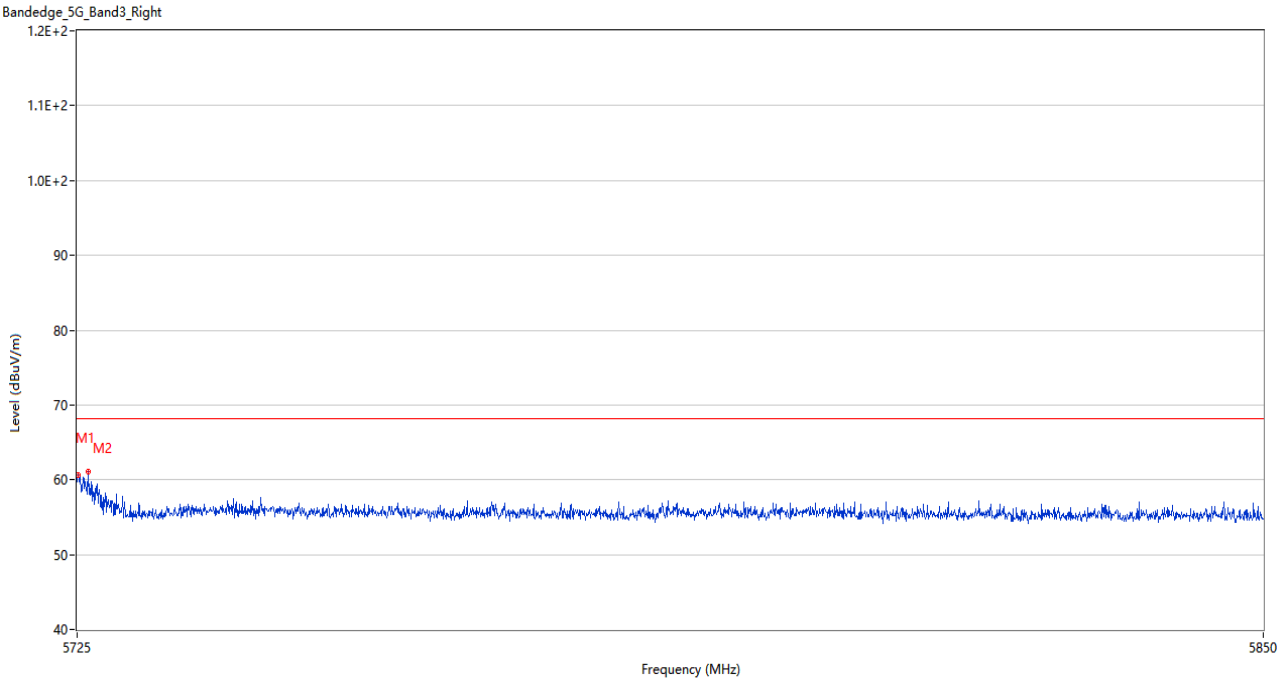
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.71	3.51	68.2	5.49	Peak	195.00	200	Horizontal	Pass
2	5725.188	63.08	3.31	68.2	5.12	Peak	191.00	100	Horizontal	Pass

U-NII-2C 11n40 Low Channel



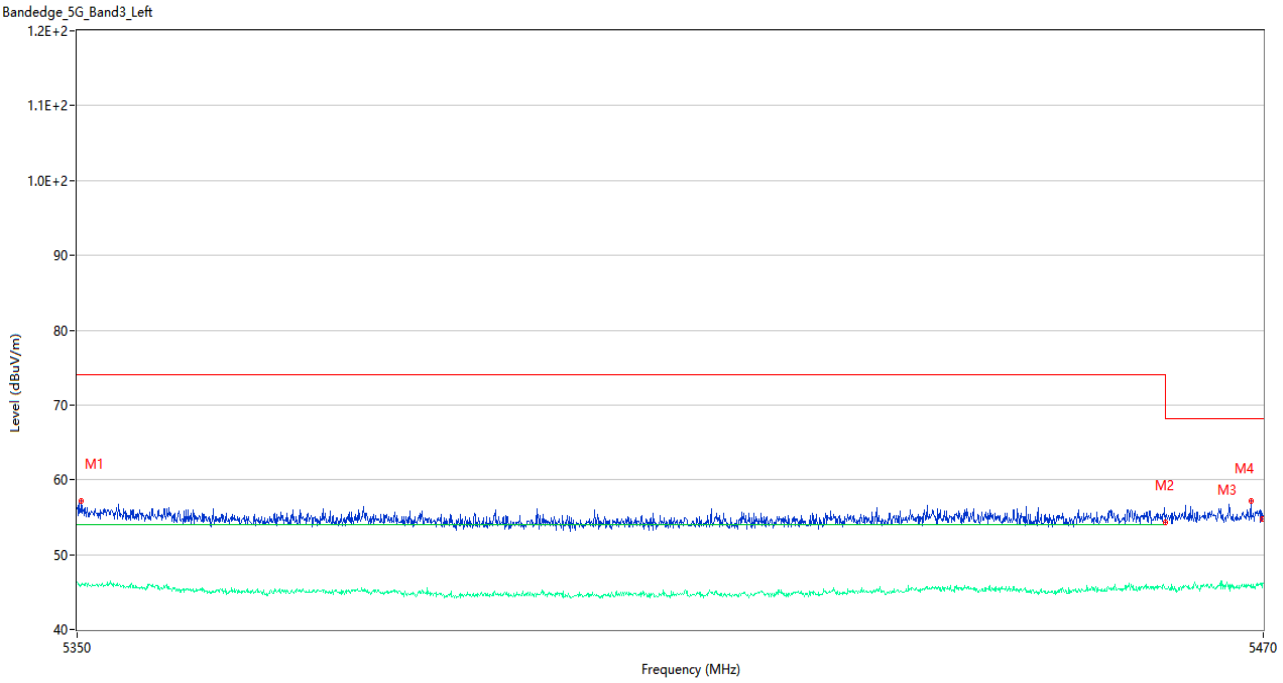
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5456.260	61.32	3.60	74.0	12.68	Peak	205.00	200	Horizontal	Pass
1**	5456.260	45.85	3.60	54.0	8.15	AV	205.00	200	Horizontal	Pass
2	5459.980	56.88	3.49	74.0	17.12	Peak	195.00	150	Horizontal	Pass
2**	5459.980	46.04	3.49	54.0	7.96	AV	195.00	150	Horizontal	Pass
3	5469.820	63.87	3.28	68.2	4.33	Peak	202.00	100	Horizontal	Pass
3**	5469.820	47.62	3.28	--	--	AV	202.00	100	Horizontal	N/A
4	5469.940	58.82	3.29	68.2	9.38	Peak	360.00	200	Horizontal	Pass
4**	5469.940	47.75	3.29	--	--	AV	360.00	200	Horizontal	N/A

U-NII-2C 11n40 High Channel



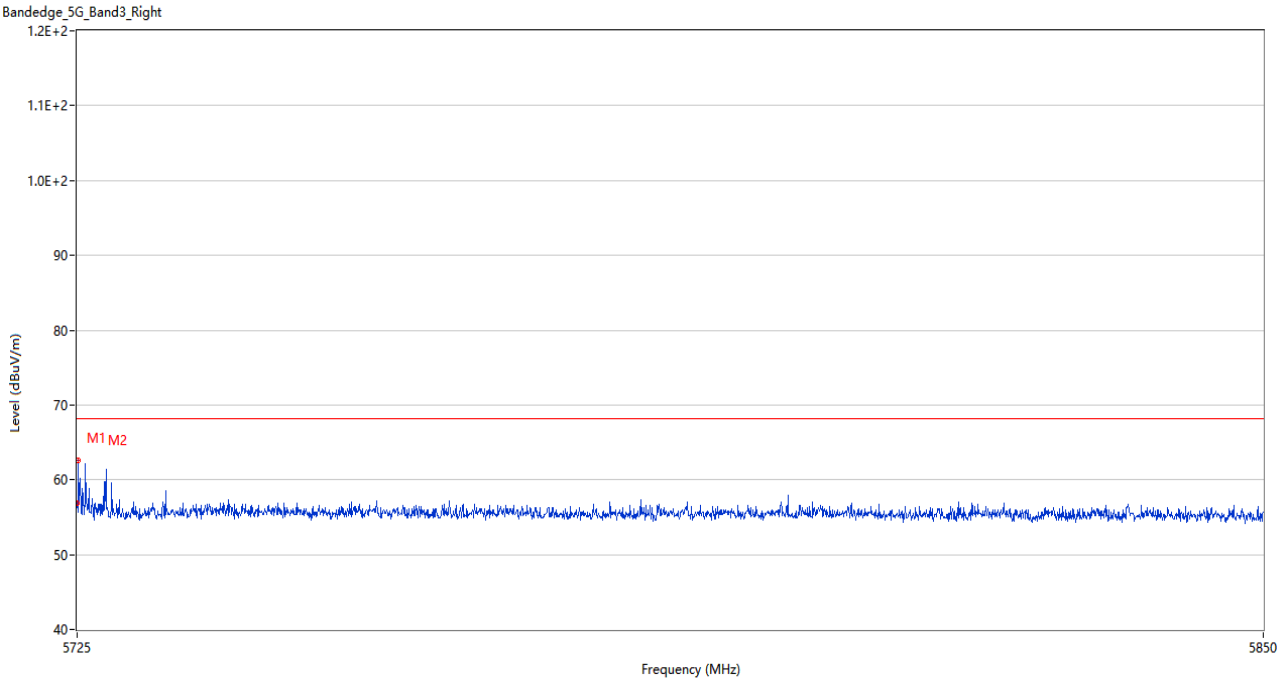
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	60.58	3.44	68.2	7.62	Peak	182.00	200	Horizontal	Pass
2	5726.188	61.15	3.61	68.2	7.05	Peak	198.00	100	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



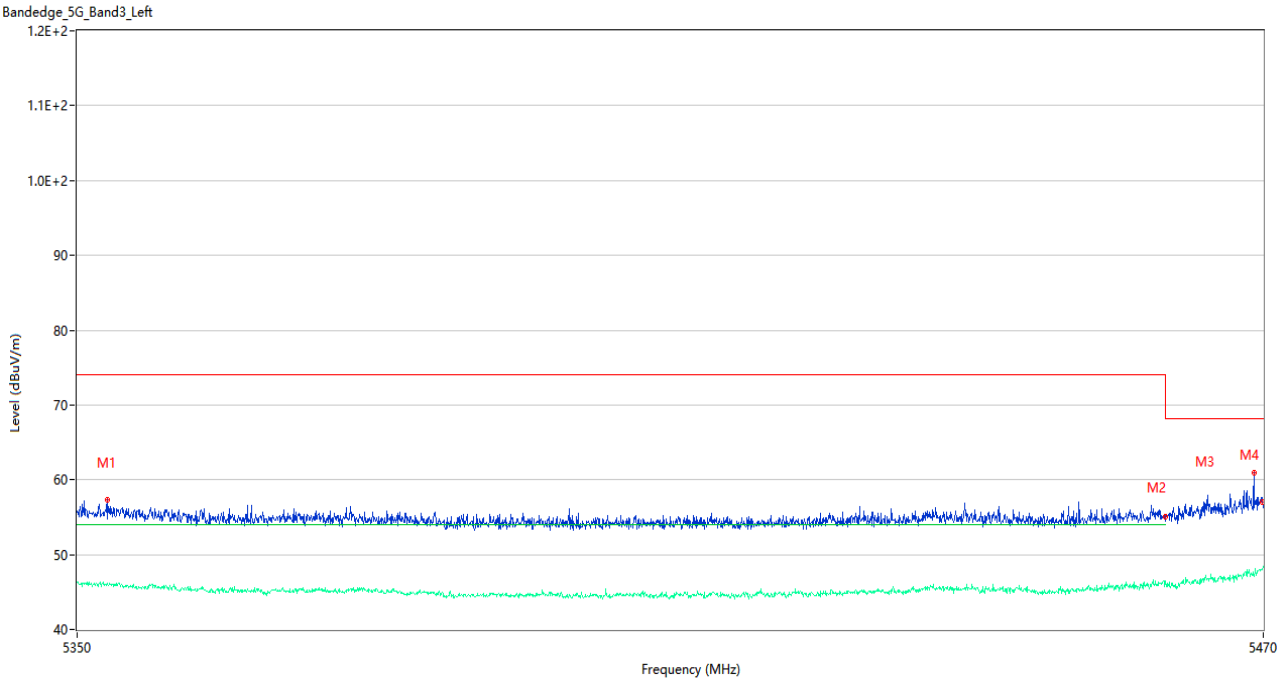
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.420	57.11	3.13	74.0	16.89	Peak	322.00	150	Horizontal	Pass
1**	5350.420	45.94	3.13	54.0	8.06	AV	322.00	150	Horizontal	Pass
2	5459.980	54.36	3.49	74.0	19.64	Peak	200.00	200	Horizontal	Pass
2**	5459.980	45.47	3.49	54.0	8.53	AV	200.00	200	Horizontal	Pass
3	5468.740	57.23	3.23	68.2	10.97	Peak	215.00	200	Horizontal	Pass
3**	5468.740	45.61	3.23	--	--	AV	215.00	200	Horizontal	N/A
4	5469.940	54.70	3.29	68.2	13.50	Peak	173.00	150	Horizontal	Pass
4**	5469.940	46.11	3.29	--	--	AV	173.00	150	Horizontal	N/A

U-NII-2C 11ac20 High Channel



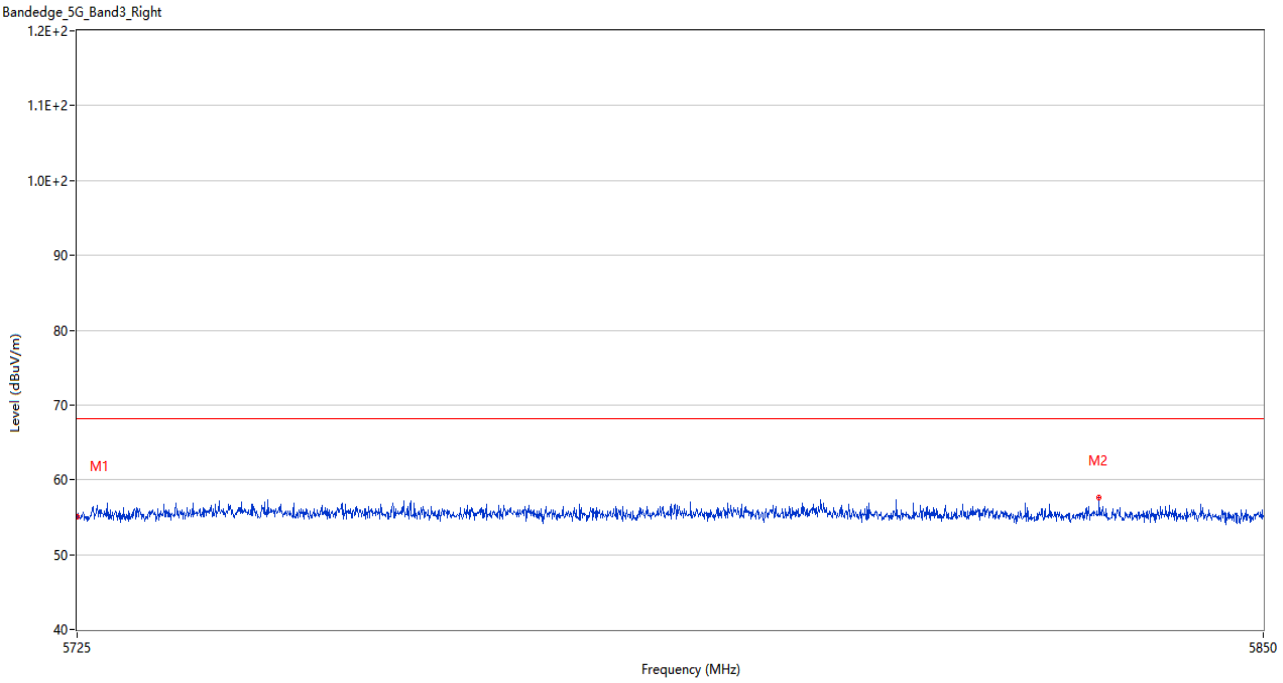
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.86	3.51	68.2	11.34	Peak	240.00	100	Horizontal	Pass
2	5725.125	62.60	3.38	68.2	5.60	Peak	196.00	100	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



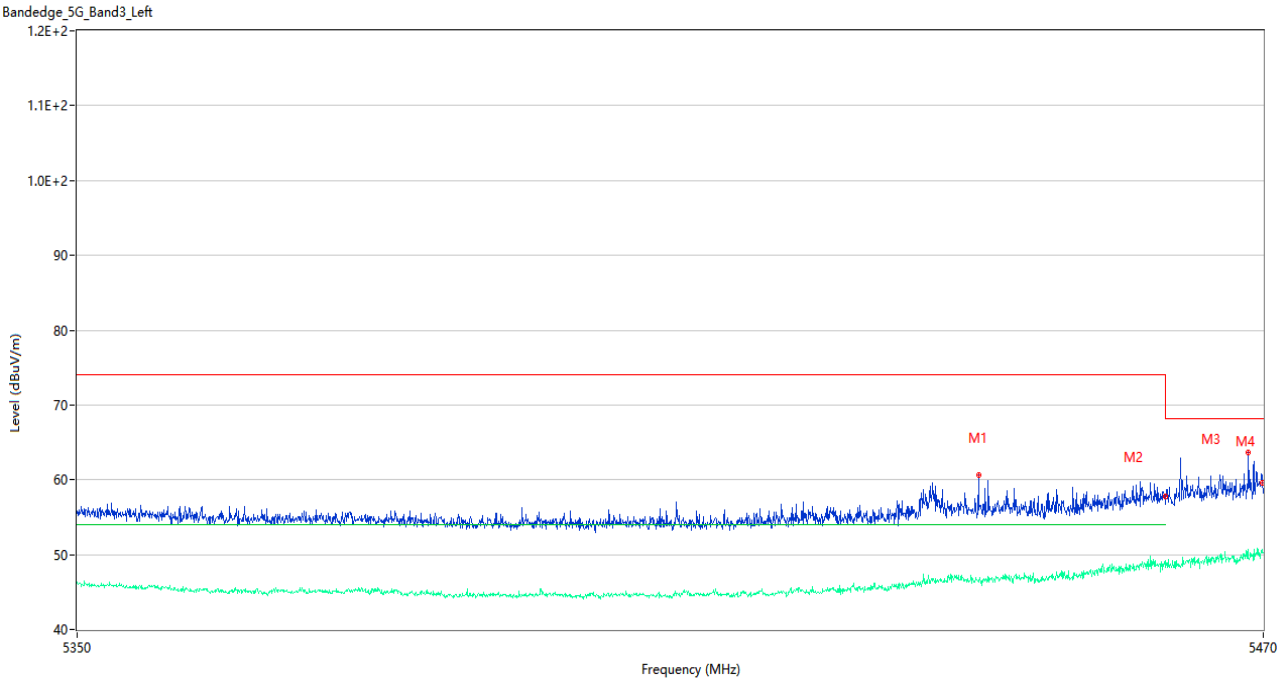
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5353.060	57.26	3.22	74.0	16.74	Peak	0.00	150	Horizontal	Pass
1**	5353.060	46.05	3.22	54.0	7.95	AV	0.00	150	Horizontal	Pass
2	5459.980	55.10	3.49	74.0	18.90	Peak	193.00	200	Horizontal	Pass
2**	5459.980	46.00	3.49	54.0	8.00	AV	193.00	200	Horizontal	Pass
3	5469.040	60.88	3.12	68.2	7.32	Peak	214.00	100	Horizontal	Pass
3**	5469.040	47.12	3.12	--	--	AV	214.00	100	Horizontal	N/A
4	5469.940	56.98	3.29	68.2	11.22	Peak	217.00	100	Horizontal	Pass
4**	5469.940	47.98	3.29	--	--	AV	217.00	100	Horizontal	N/A

U-NII-2C 11ac40 High Channel



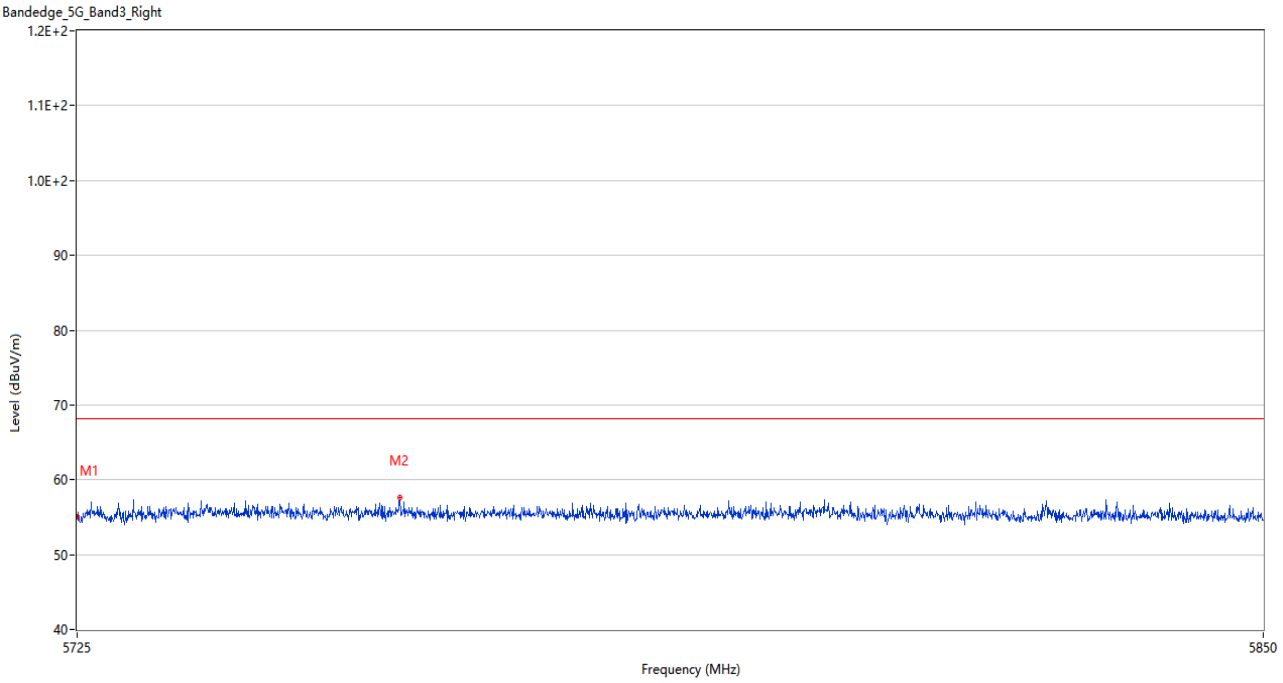
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.14	3.51	68.2	13.06	Peak	157.00	200	Horizontal	Pass
2	5832.563	57.58	3.49	68.2	10.62	Peak	249.00	200	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



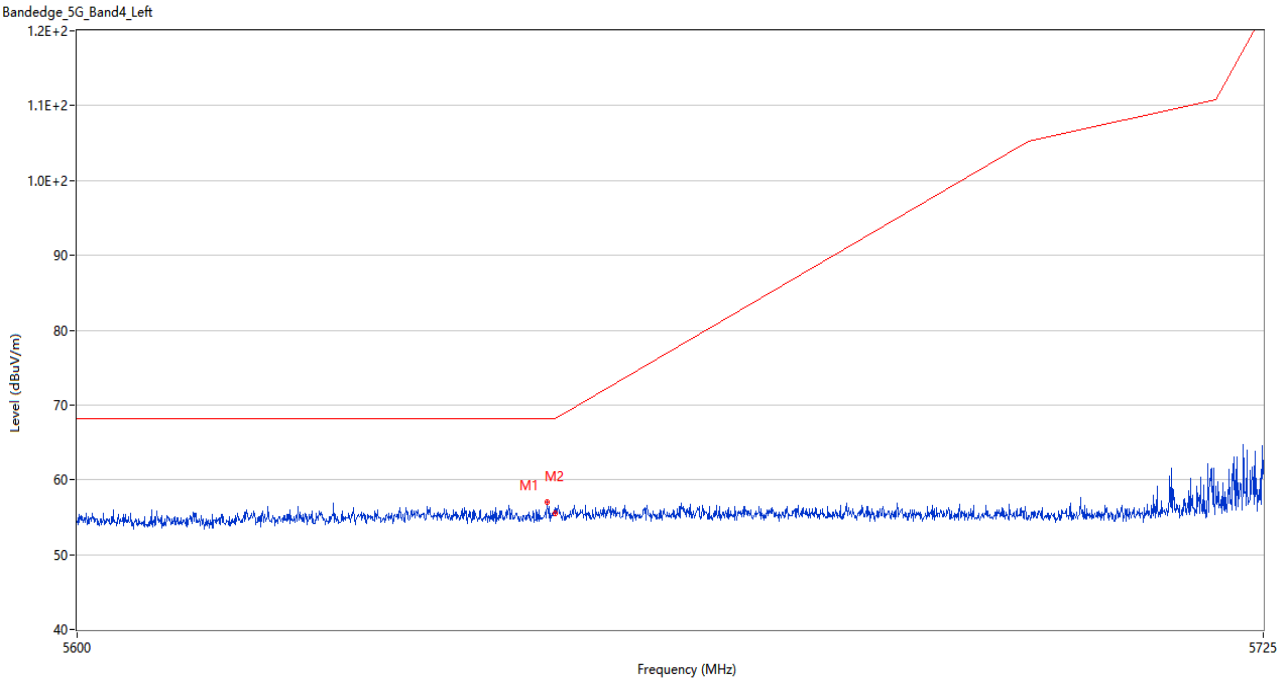
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5440.960	60.57	3.53	74.0	13.43	Peak	215.00	100	Horizontal	Pass
1**	5440.960	46.28	3.53	54.0	7.72	AV	215.00	100	Horizontal	Pass
2	5459.980	57.76	3.49	74.0	16.24	Peak	203.00	100	Horizontal	Pass
2**	5459.980	48.30	3.49	54.0	5.70	AV	203.00	100	Horizontal	Pass
3	5468.500	63.70	3.31	68.2	4.50	Peak	183.00	150	Horizontal	Pass
3**	5468.500	49.49	3.31	--	--	AV	183.00	150	Horizontal	N/A
4	5469.940	59.60	3.29	68.2	8.60	Peak	203.00	150	Horizontal	Pass
4**	5469.940	50.27	3.29	--	--	AV	203.00	150	Horizontal	N/A

U-NII-2C 11ac80 High Channel



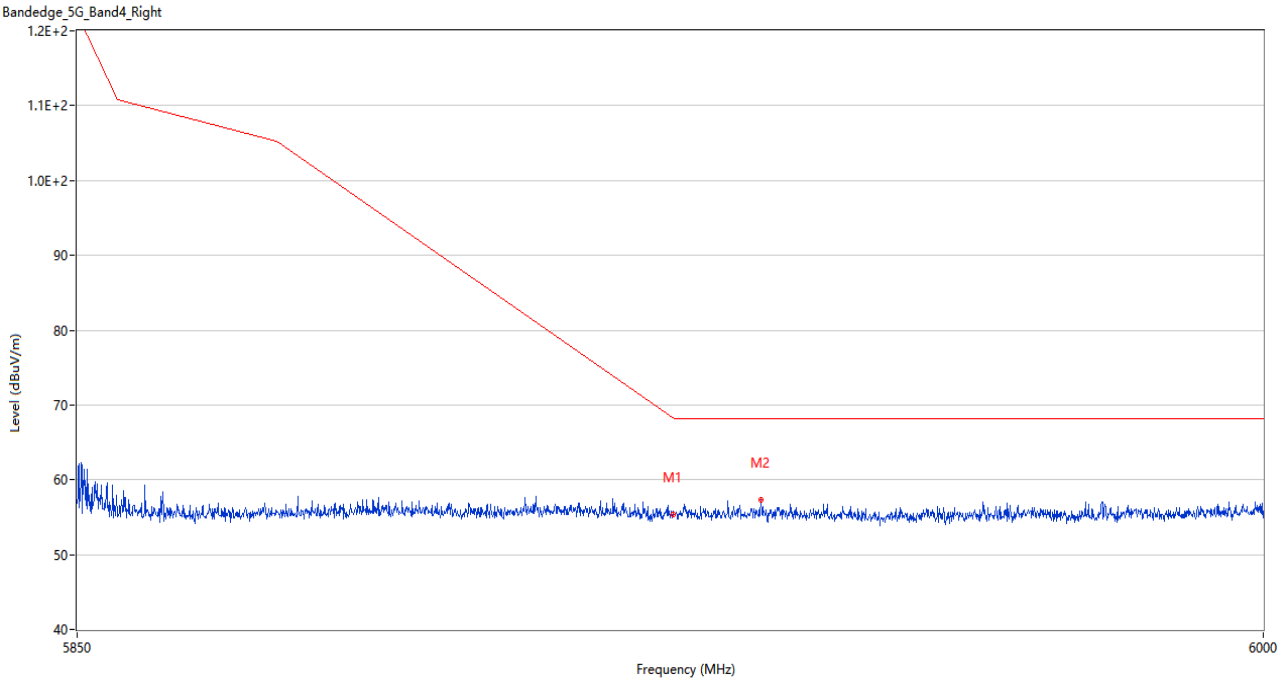
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.04	3.51	68.2	13.16	Peak	312.00	100	Horizontal	Pass
2	5758.750	57.66	3.66	68.2	10.54	Peak	164.00	150	Horizontal	Pass

U-NII-3 11a Low Channel



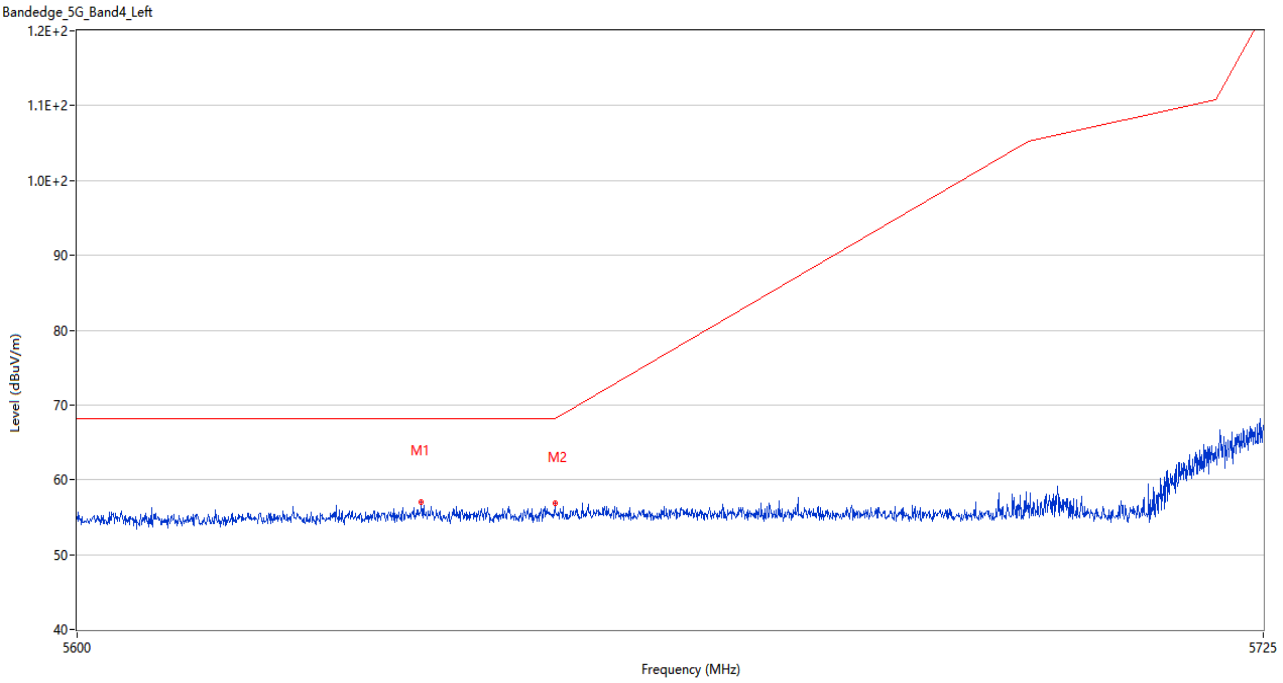
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.187	56.96	3.66	68.2	11.24	Peak	295.00	100	Horizontal	Pass
2	5650.000	55.46	3.72	68.2	12.74	Peak	14.00	100	Horizontal	Pass

U-NII-3 11a High Channel



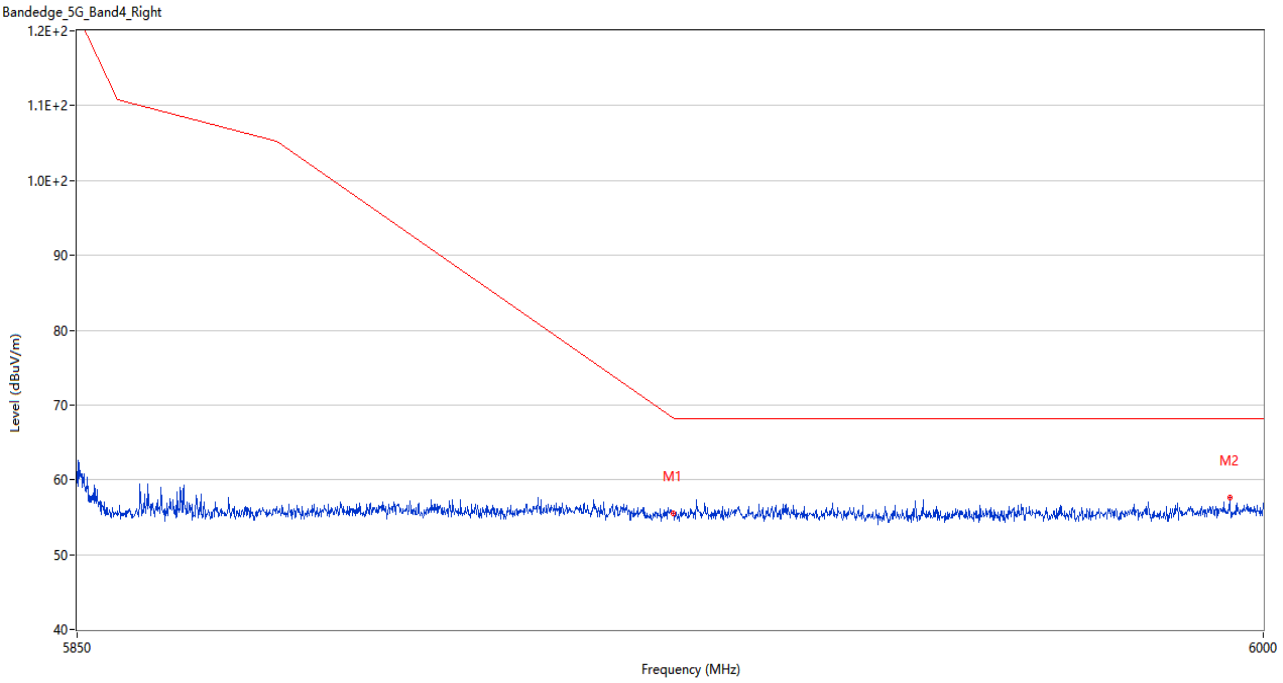
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.32	3.42	68.3	12.98	Peak	258.00	100	Horizontal	Pass
2	5936.025	57.37	3.60	68.2	10.83	Peak	23.00	200	Horizontal	Pass

U-NII-3 11n20 Low Channel



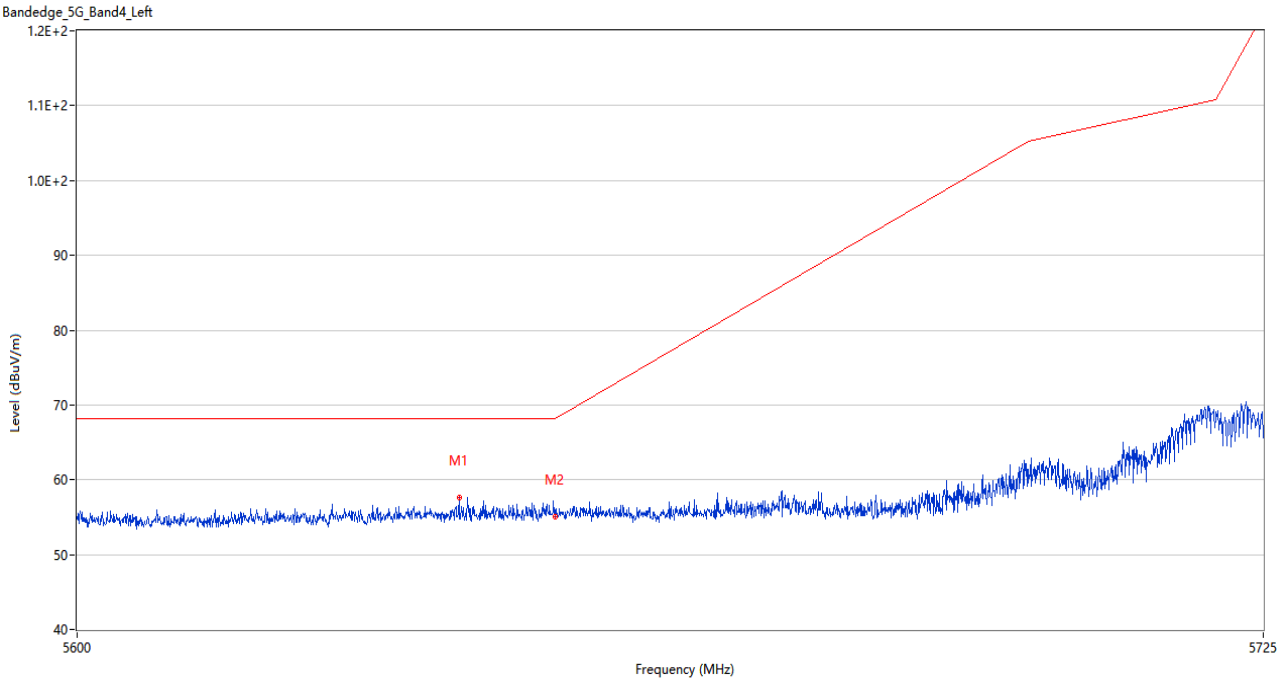
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5636.000	56.99	3.79	68.2	11.21	Peak	337.00	150	Horizontal	Pass
2	5650.000	56.86	3.72	68.2	11.34	Peak	205.00	150	Horizontal	Pass

U-NII-3 11n20 High Channel



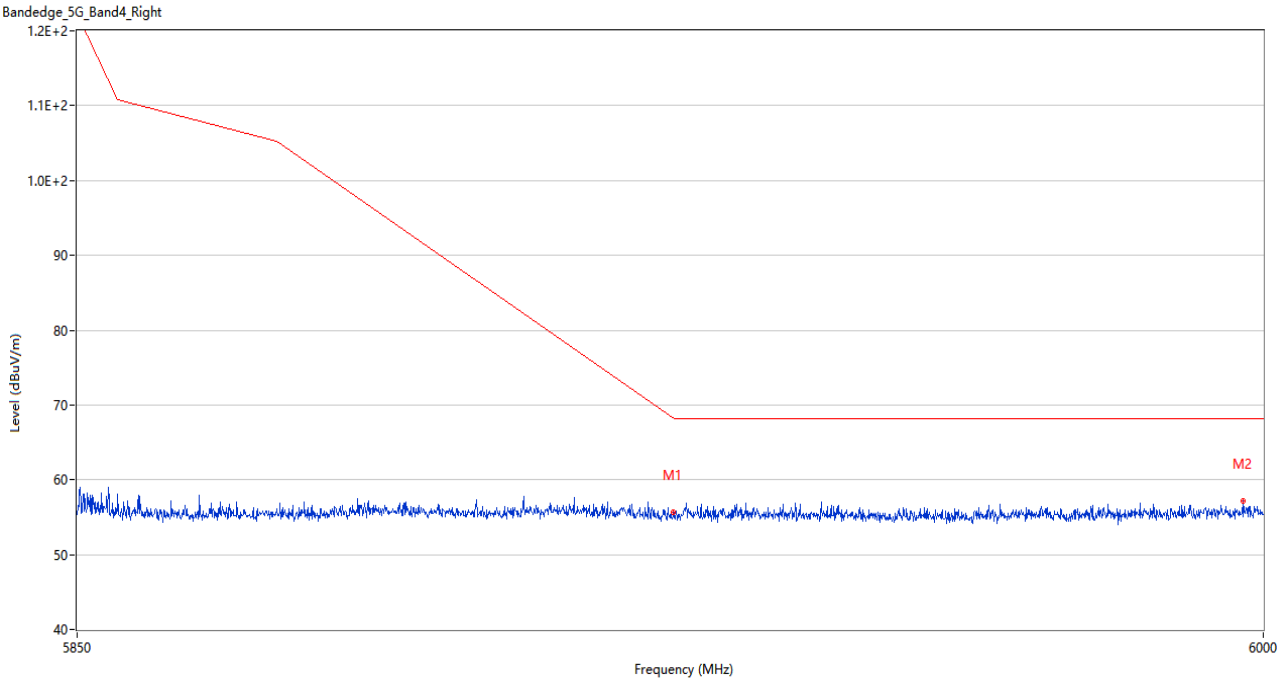
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.47	3.42	68.3	12.83	Peak	131.00	200	Horizontal	Pass
2	5995.725	57.65	4.62	68.2	10.55	Peak	250.00	200	Horizontal	Pass

U-NII-3 11n40 Low Channel



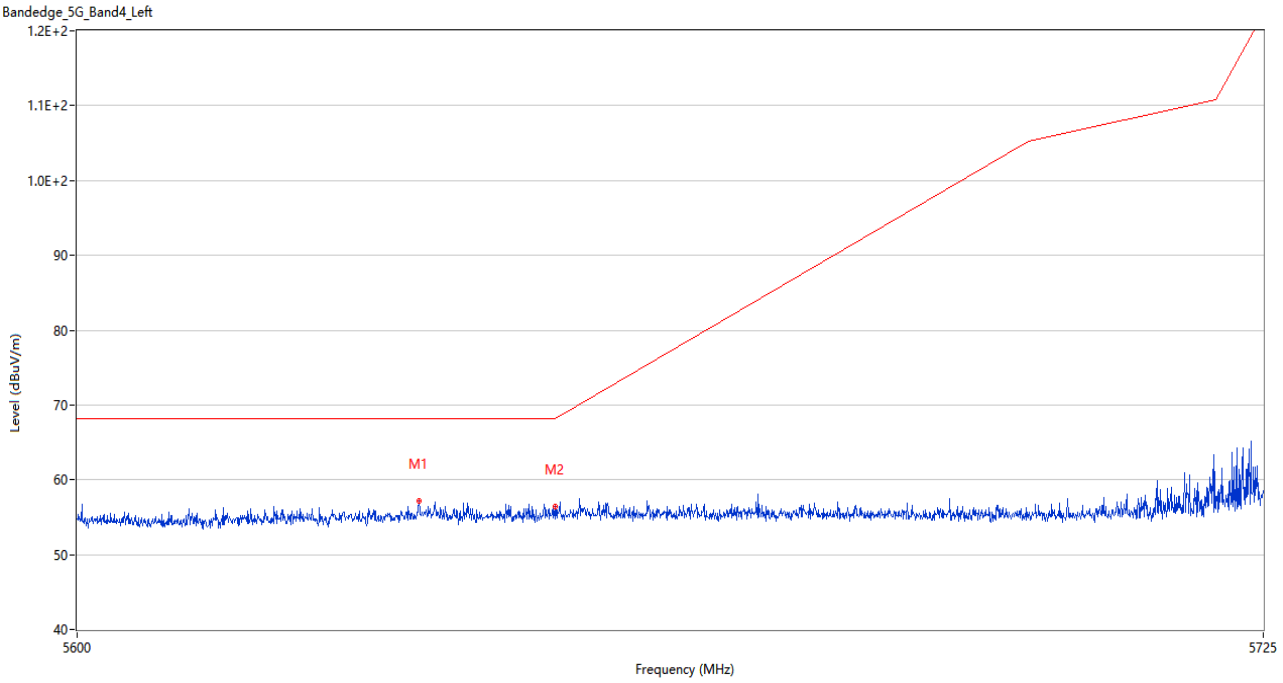
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5639.938	57.57	3.43	68.2	10.63	Peak	210.00	200	Horizontal	Pass
2	5650.000	55.11	3.72	68.2	13.09	Peak	282.00	100	Horizontal	Pass

U-NII-3 11n40 High Channel



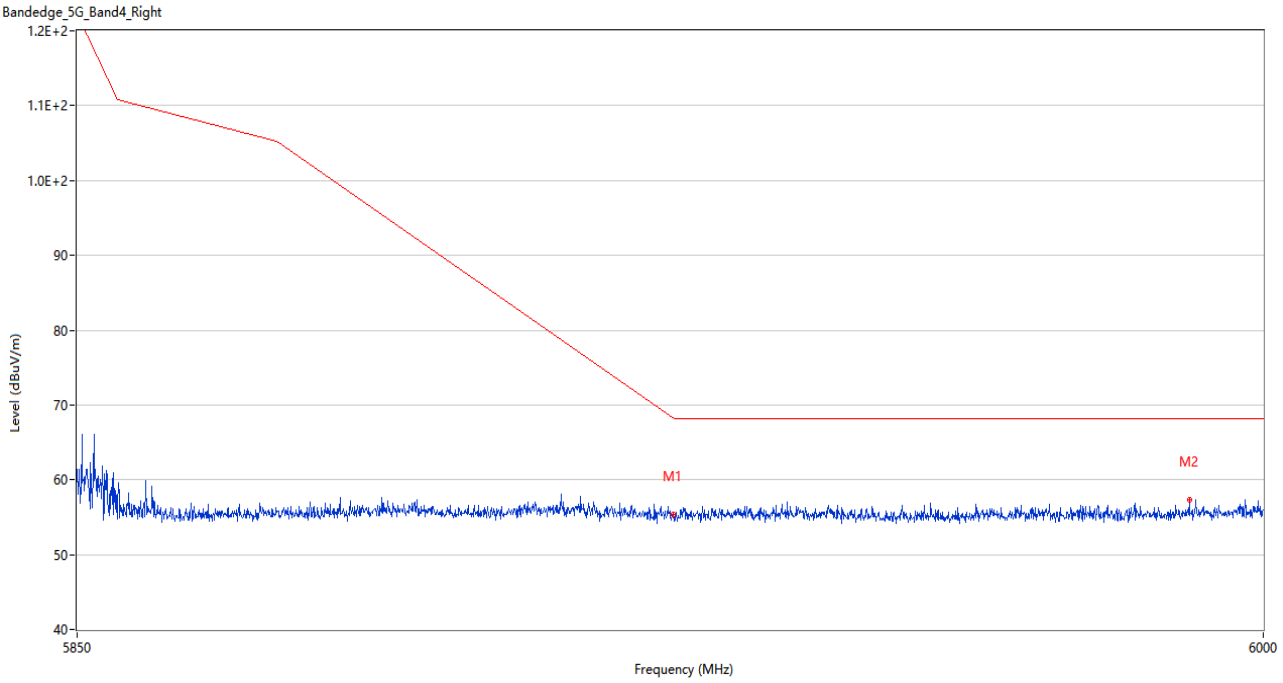
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.64	3.42	68.3	12.66	Peak	171.00	150	Horizontal	Pass
2	5997.450	57.12	4.94	68.2	11.08	Peak	111.00	100	Horizontal	Pass

U-NII-3 11ac20 Low Channel



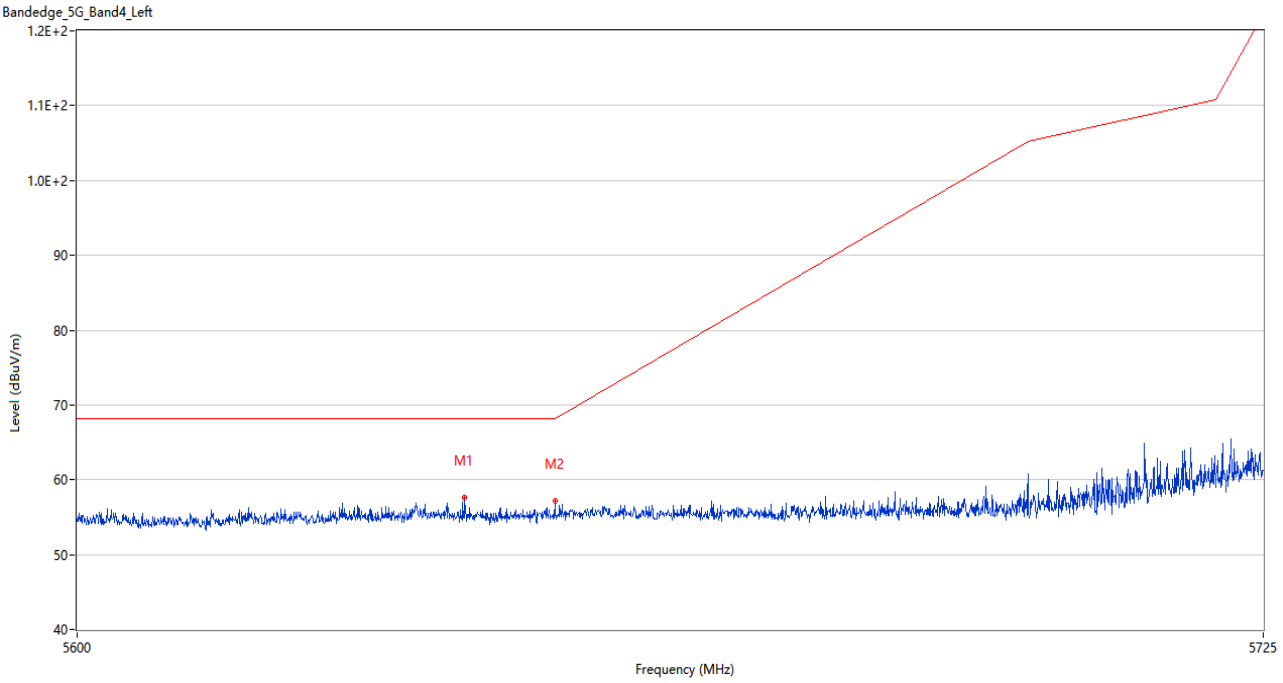
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5635.750	57.13	3.82	68.2	11.07	Peak	207.00	150	Horizontal	Pass
2	5650.000	56.44	3.72	68.2	11.76	Peak	214.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



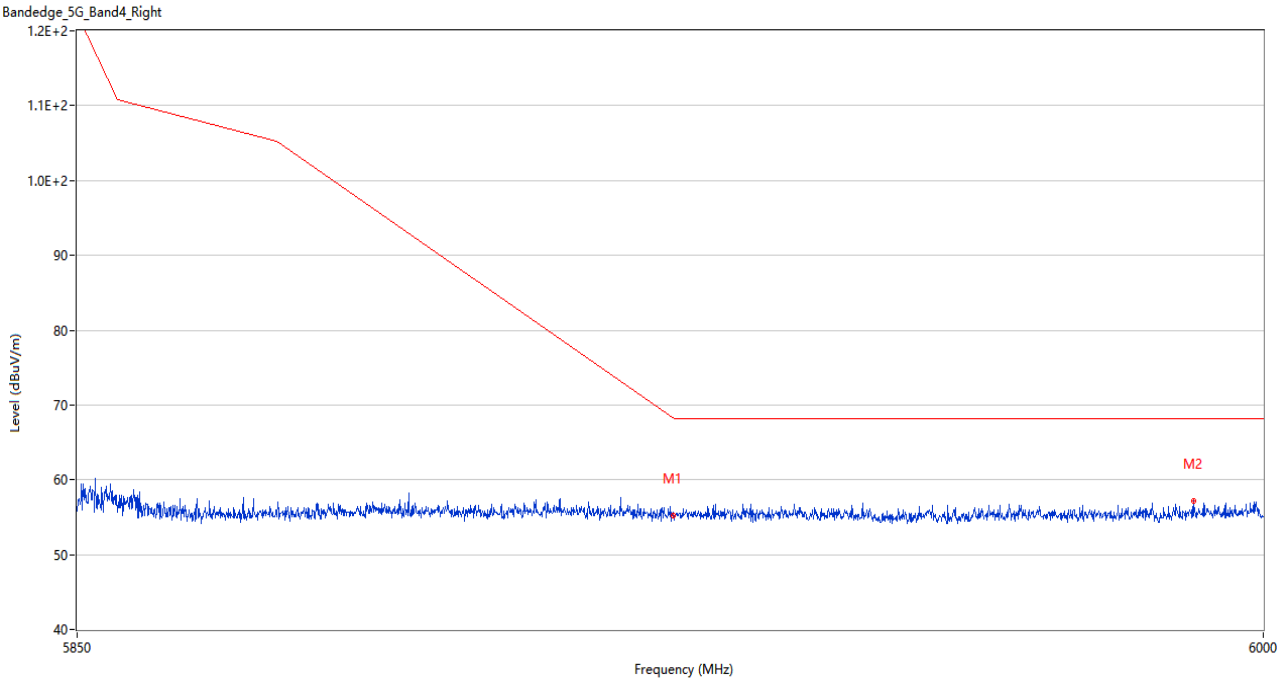
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.44	3.42	68.3	12.86	Peak	107.00	150	Horizontal	Pass
2	5990.550	57.40	4.71	68.2	10.80	Peak	0.00	200	Horizontal	Pass

U-NII-3 11ac40 Low Channel



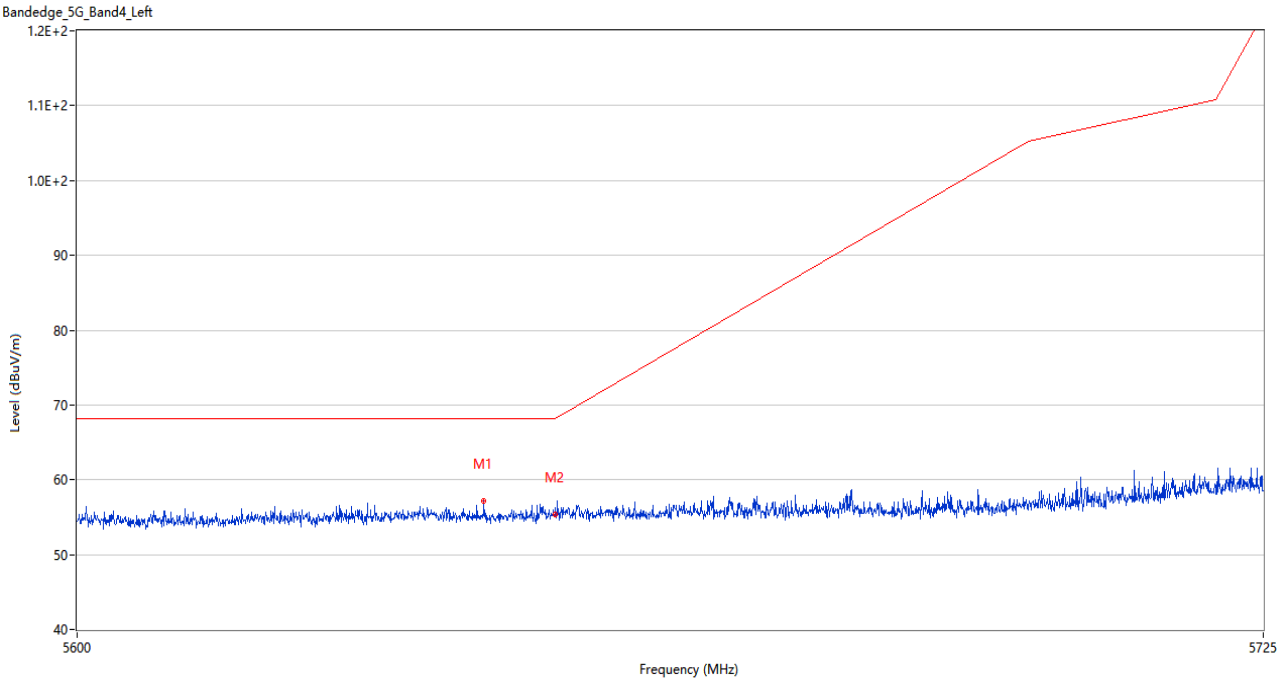
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5640.563	57.61	3.48	68.2	10.59	Peak	332.00	150	Horizontal	Pass
2	5650.000	57.20	3.72	68.2	11.00	Peak	259.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel



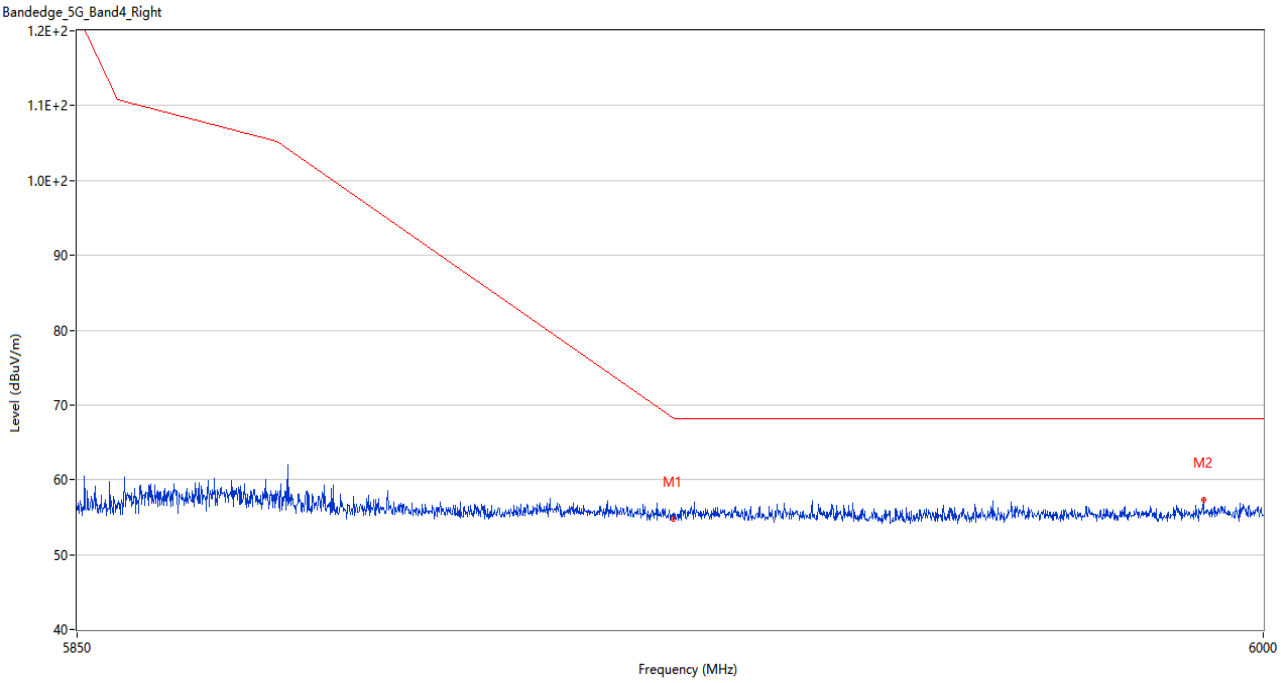
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.23	3.42	68.3	13.07	Peak	164.00	200	Horizontal	Pass
2	5991.075	57.17	4.35	68.2	11.03	Peak	200.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



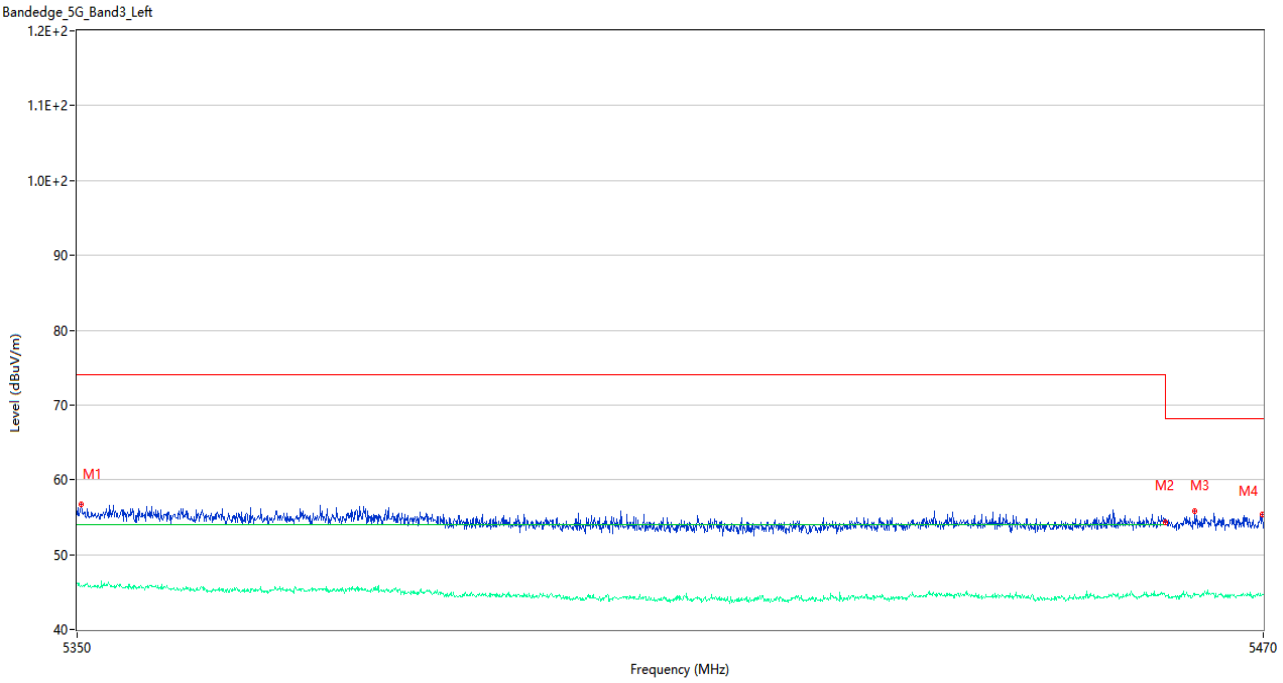
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.563	57.18	3.36	68.2	11.02	Peak	121.00	100	Horizontal	Pass
2	5650.000	55.37	3.72	68.2	12.83	Peak	101.00	150	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



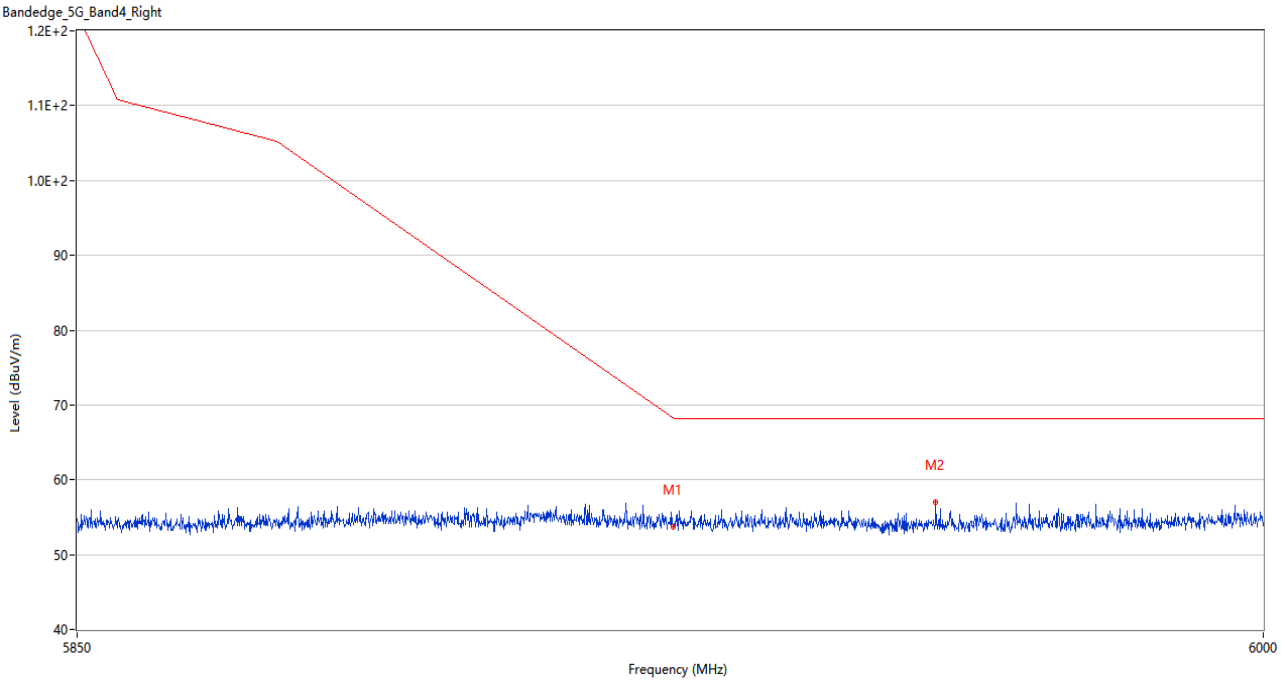
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.78	3.42	68.3	13.52	Peak	137.00	150	Horizontal	Pass
2	5992.350	57.31	4.67	68.2	10.89	Peak	226.00	150	Horizontal	Pass

U-NII-2C & U-NII-3 11a 144 Channel



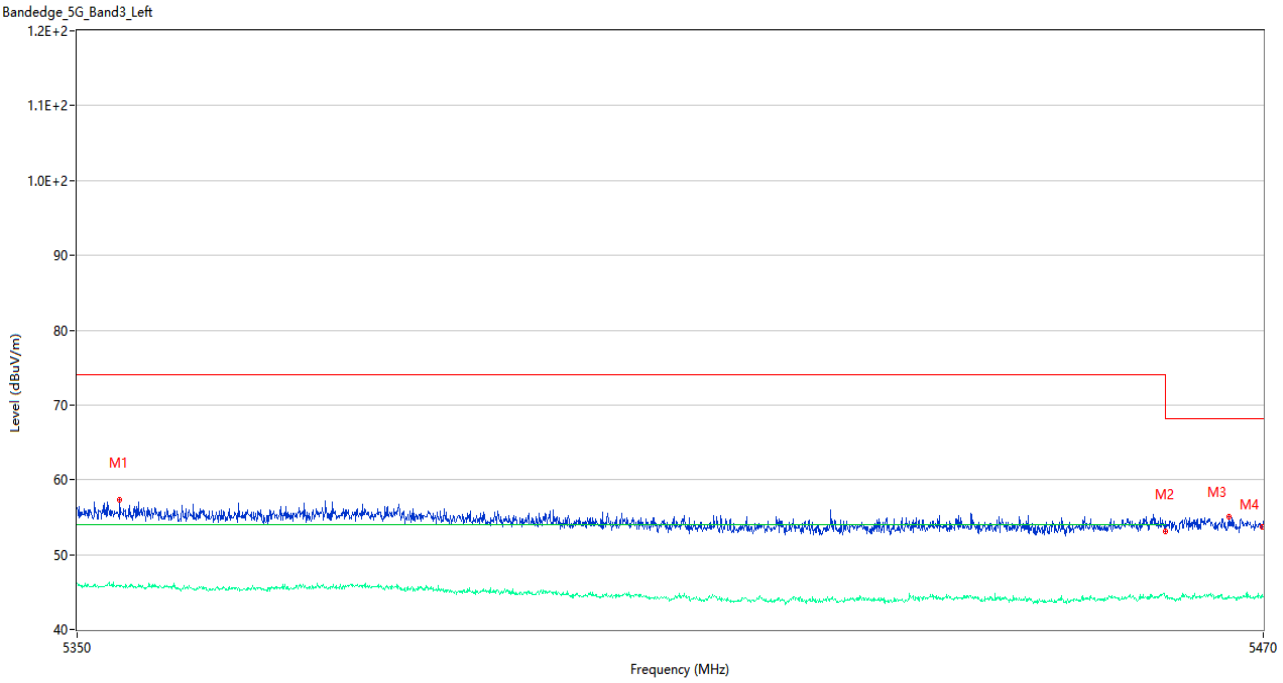
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.420	56.68	3.13	74.0	17.32	Peak	61.00	200	Horizontal	Pass
1**	5350.420	45.88	3.13	54.0	8.12	AV	61.00	200	Horizontal	Pass
2	5459.980	54.28	3.49	74.0	19.72	Peak	290.00	150	Horizontal	Pass
2**	5459.980	44.47	3.49	54.0	9.53	AV	290.00	150	Horizontal	Pass
3	5463.040	55.82	3.62	68.2	12.38	Peak	5.00	100	Horizontal	Pass
3**	5463.040	44.59	3.62	--	--	AV	5.00	100	Horizontal	N/A
4	5469.940	55.42	3.29	68.2	12.78	Peak	337.00	100	Horizontal	Pass
4**	5469.940	44.64	3.29	--	--	AV	337.00	100	Horizontal	N/A

U-NII-2C & U-NII-3 11a 144 Channel



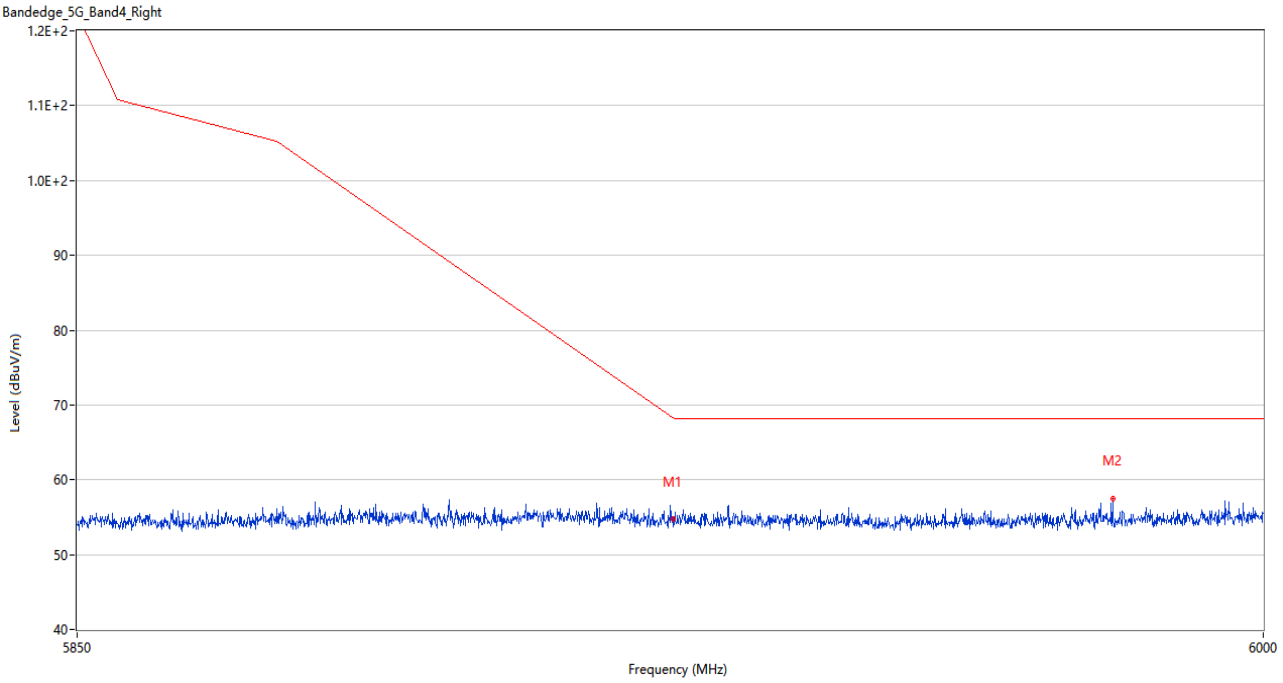
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	53.66	3.42	68.3	14.64	Peak	360.00	200	Horizontal	Pass
2	5958.225	57.03	3.43	68.2	11.17	Peak	360.00	200	Horizontal	Pass

U-NII-2C & U-NII-3 11n20 144 Channel



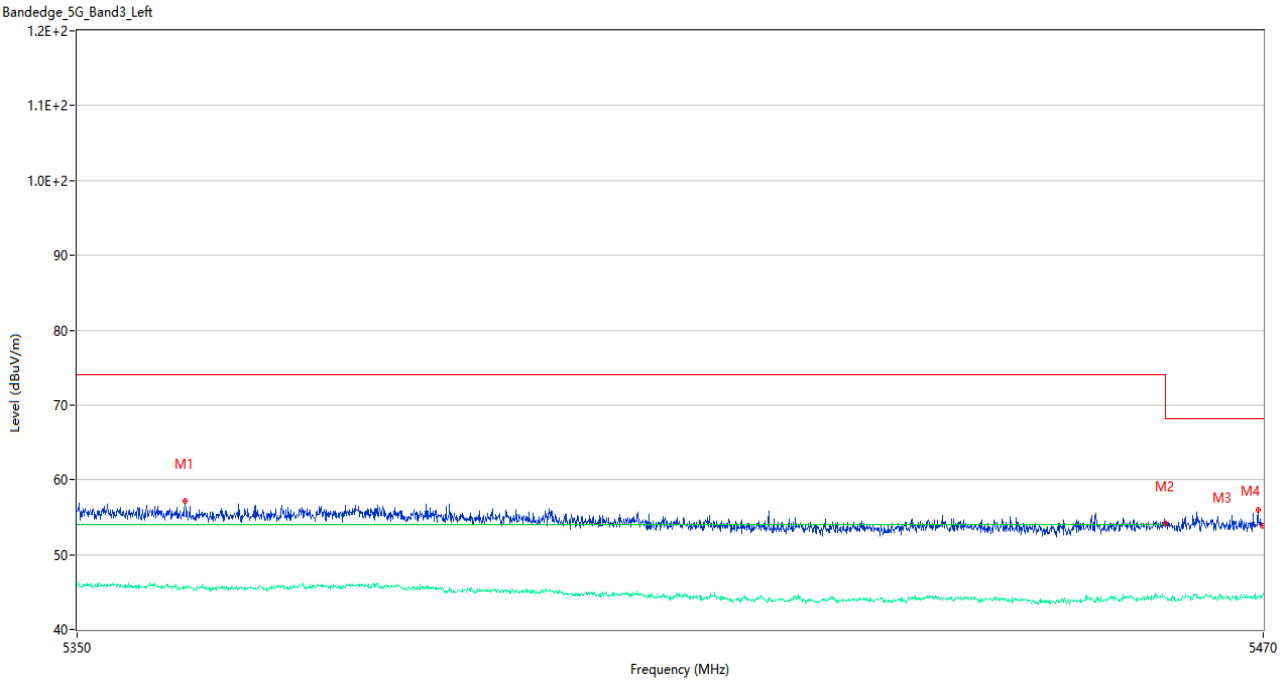
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5354.260	57.32	3.12	74.0	16.68	Peak	222.00	150	Horizontal	Pass
1**	5354.260	45.90	3.12	54.0	8.10	AV	222.00	150	Horizontal	Pass
2	5459.980	53.13	3.49	74.0	20.87	Peak	99.00	150	Horizontal	Pass
2**	5459.980	44.41	3.49	54.0	9.59	AV	99.00	150	Horizontal	Pass
3	5466.460	55.12	3.19	68.2	13.08	Peak	57.00	150	Horizontal	Pass
3**	5466.460	44.22	3.19	--	--	AV	57.00	150	Horizontal	N/A
4	5469.940	53.71	3.29	68.2	14.49	Peak	190.00	100	Horizontal	Pass
4**	5469.940	44.43	3.29	--	--	AV	190.00	100	Horizontal	N/A

U-NII-2C & U-NII-3 11n20 144 Channel



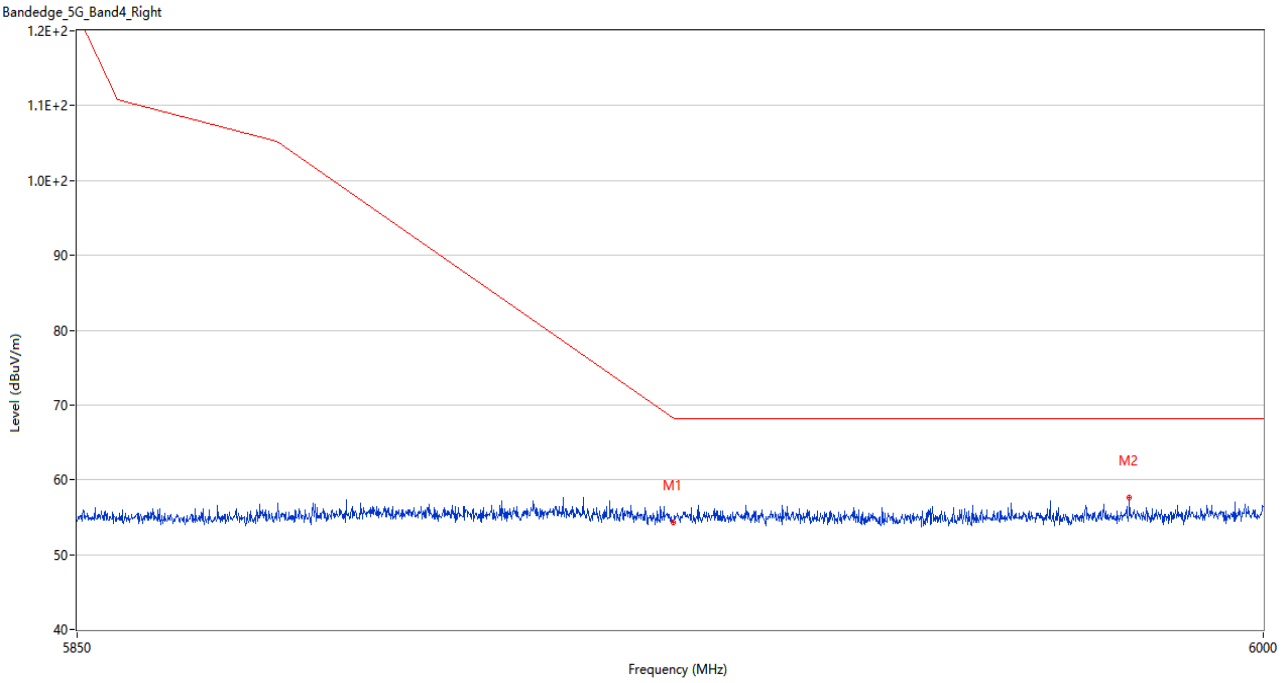
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.70	3.42	68.3	13.60	Peak	58.00	100	Horizontal	Pass
2	5980.725	57.55	4.09	68.2	10.65	Peak	11.00	150	Horizontal	Pass

U-NII-2C & U-NII-3 11n40 142 Channel



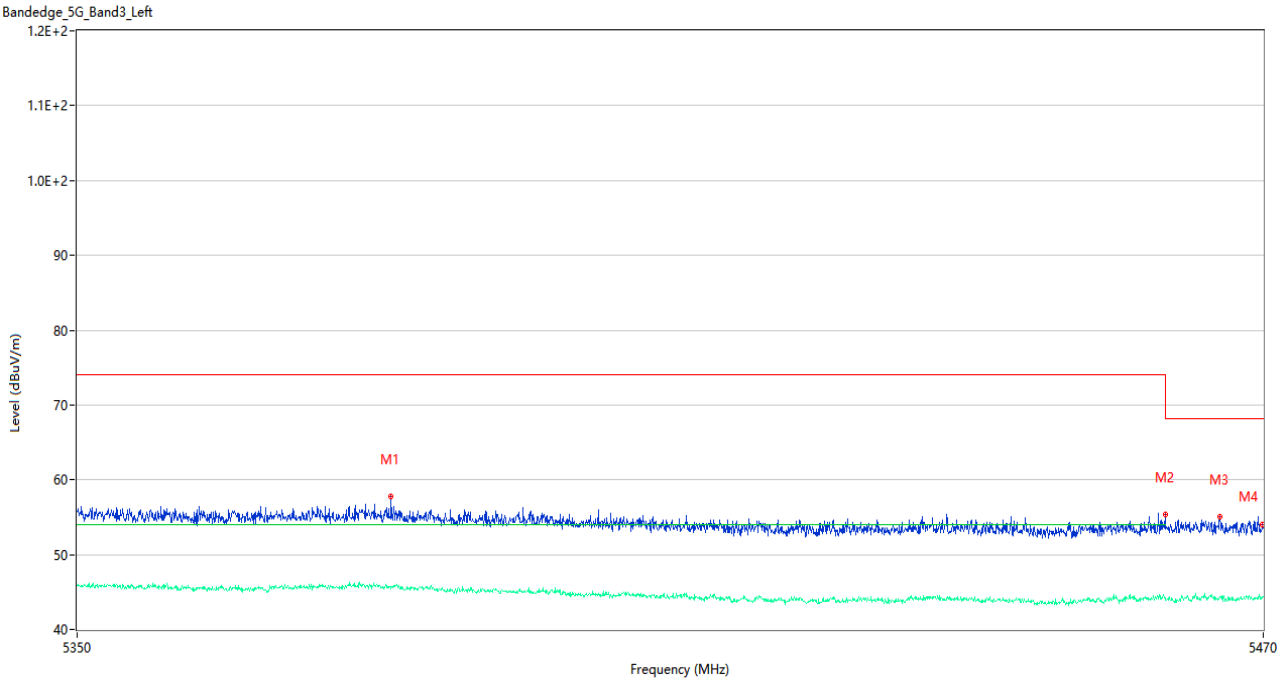
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5360.800	57.14	2.80	74.0	16.86	Peak	40.00	150	Horizontal	Pass
1**	5360.800	45.60	2.80	54.0	8.40	AV	40.00	150	Horizontal	Pass
2	5459.980	54.13	3.49	74.0	19.87	Peak	254.00	150	Horizontal	Pass
2**	5459.980	44.19	3.49	54.0	9.81	AV	254.00	150	Horizontal	Pass
3	5469.460	55.93	3.30	68.2	12.27	Peak	196.00	100	Horizontal	Pass
3**	5469.460	44.41	3.30	--	--	AV	196.00	100	Horizontal	N/A
4	5469.940	53.89	3.29	68.2	14.31	Peak	183.00	100	Horizontal	Pass
4**	5469.940	44.37	3.29	--	--	AV	183.00	100	Horizontal	N/A

U-NII-2C & U-NII-3 11n40 142 Channel



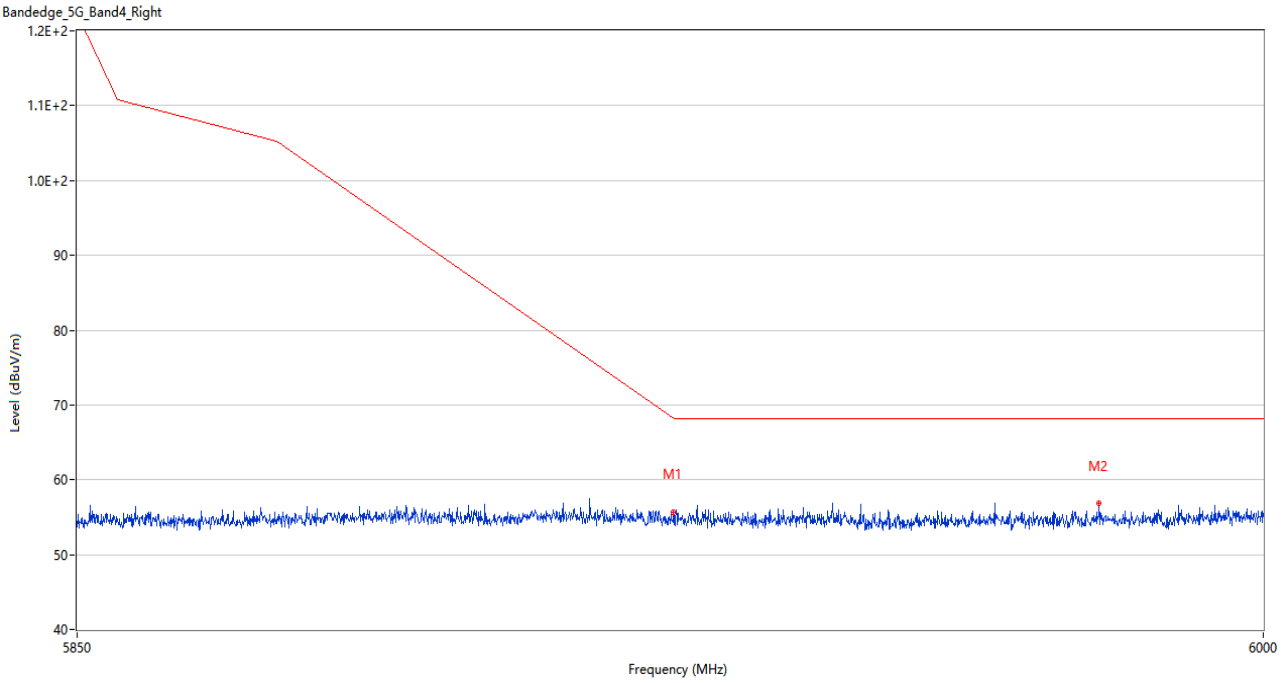
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.25	3.42	68.3	14.05	Peak	329.00	200	Horizontal	Pass
2	5982.900	57.61	4.10	68.2	10.59	Peak	249.00	100	Horizontal	Pass

U-NII-2C & U-NII-3 11ac20 144 Channel



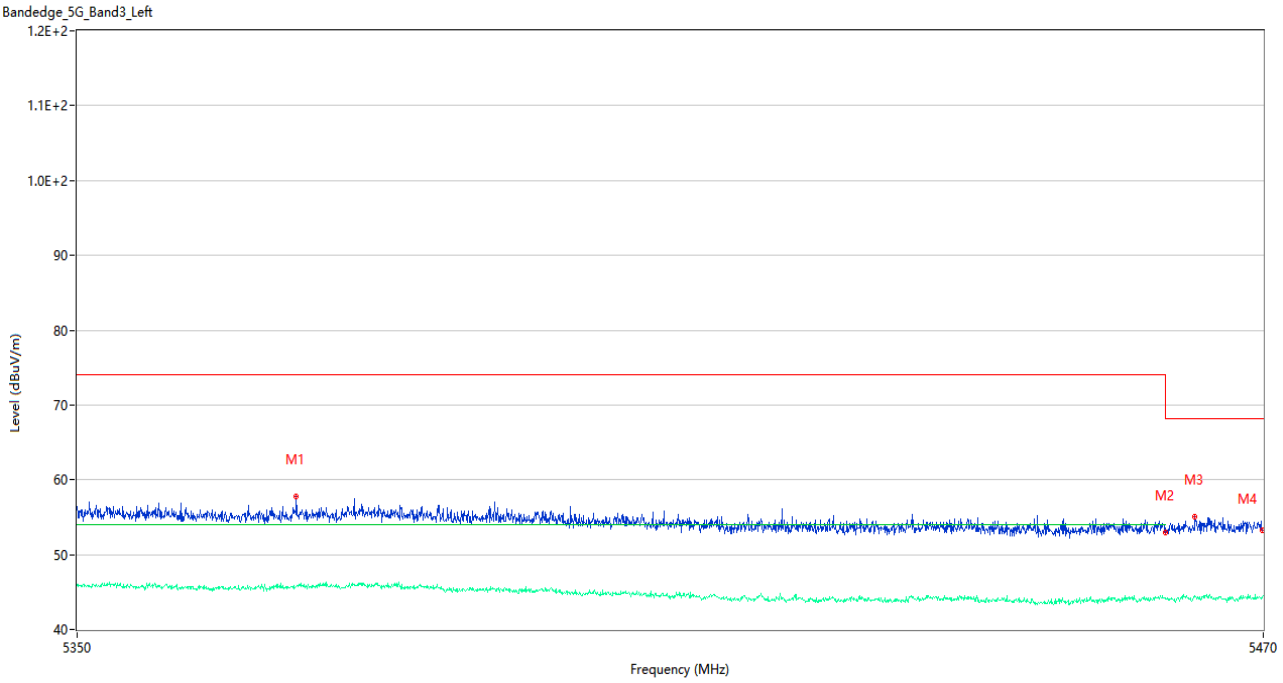
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5381.500	57.73	3.09	74.0	16.27	Peak	45.00	100	Horizontal	Pass
1**	5381.500	45.48	3.09	54.0	8.52	AV	45.00	100	Horizontal	Pass
2	5459.980	55.30	3.49	74.0	18.70	Peak	35.00	200	Horizontal	Pass
2**	5459.980	44.18	3.49	54.0	9.82	AV	35.00	200	Horizontal	Pass
3	5465.560	55.04	3.47	68.2	13.16	Peak	0.00	200	Horizontal	Pass
3**	5465.560	44.43	3.47	--	--	AV	0.00	200	Horizontal	N/A
4	5469.940	53.95	3.29	68.2	14.25	Peak	0.00	150	Horizontal	Pass
4**	5469.940	44.27	3.29	--	--	AV	0.00	150	Horizontal	N/A

U-NII-2C & U-NII-3 11ac20 144 Channel



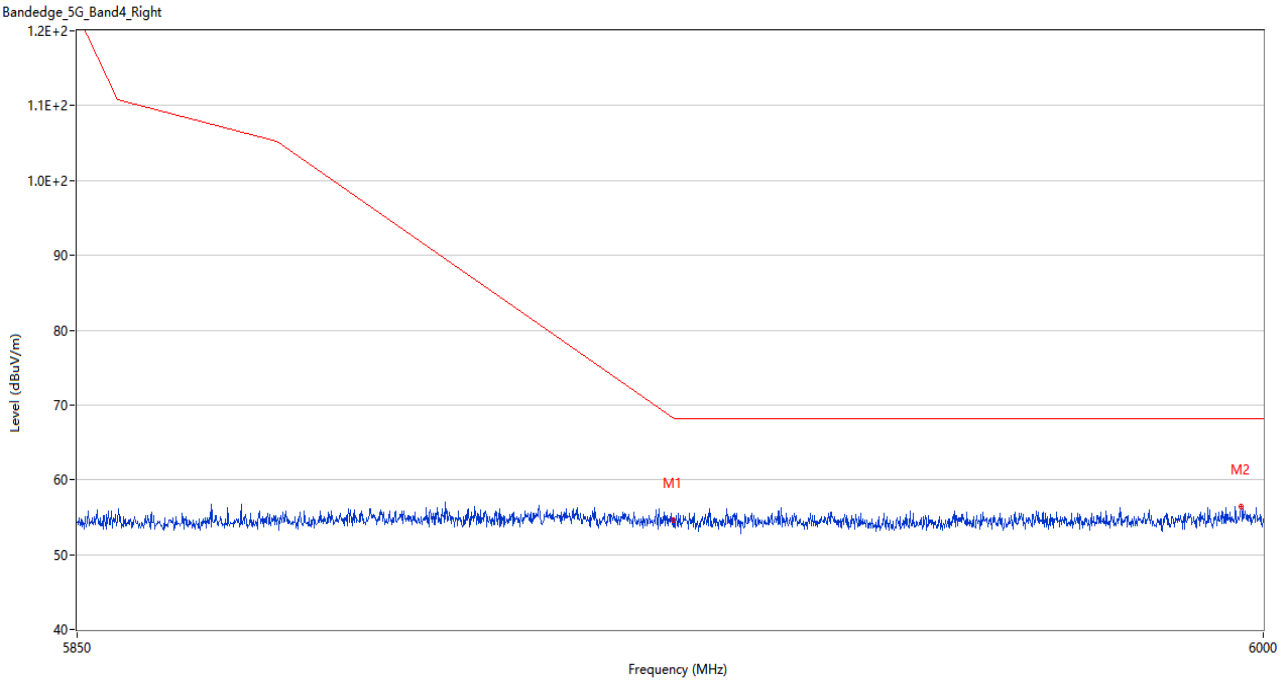
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.72	3.42	68.3	12.58	Peak	40.00	150	Horizontal	Pass
2	5979.000	56.87	4.35	68.2	11.33	Peak	26.00	200	Horizontal	Pass

U-NII-2C & U-NII-3 11ac40 142 Channel



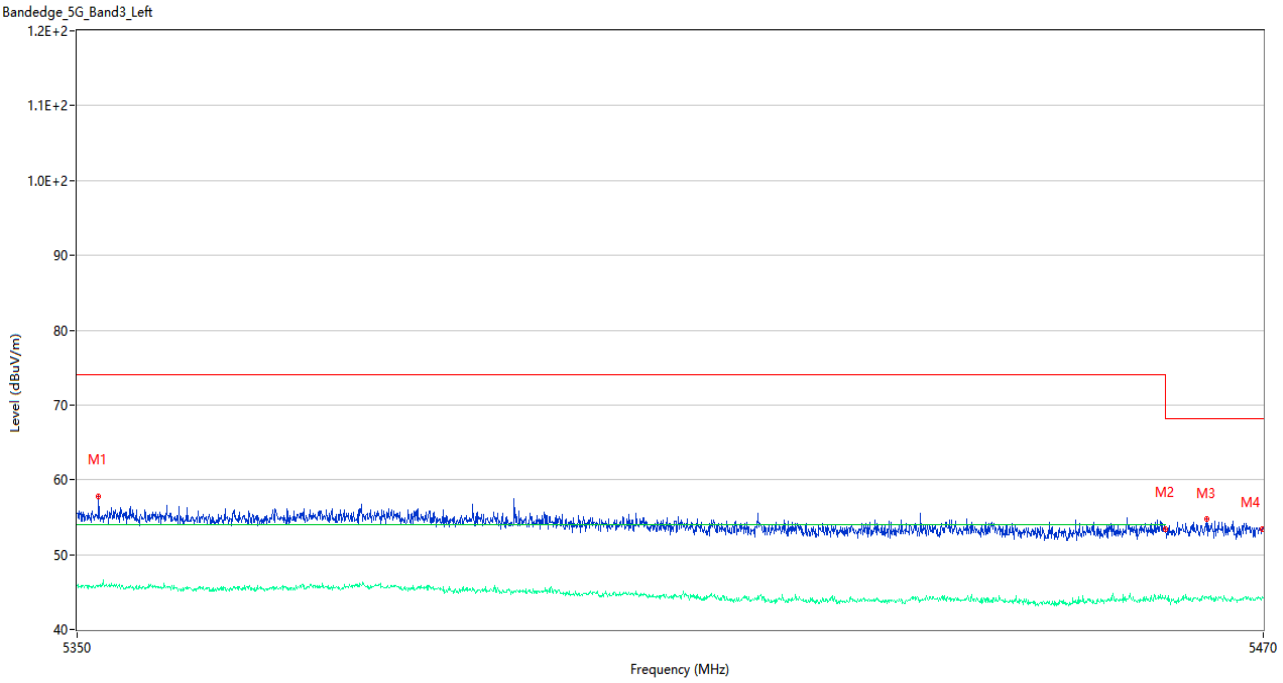
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5371.960	57.73	2.84	74.0	16.27	Peak	360.00	150	Horizontal	Pass
1**	5371.960	45.76	2.84	54.0	8.24	AV	360.00	150	Horizontal	Pass
2	5459.980	52.97	3.49	74.0	21.03	Peak	360.00	100	Horizontal	Pass
2**	5459.980	44.06	3.49	54.0	9.94	AV	360.00	100	Horizontal	Pass
3	5463.040	55.07	3.62	68.2	13.13	Peak	196.00	150	Horizontal	Pass
3**	5463.040	44.39	3.62	--	--	AV	196.00	150	Horizontal	N/A
4	5469.940	53.19	3.29	68.2	15.01	Peak	285.00	200	Horizontal	Pass
4**	5469.940	44.27	3.29	--	--	AV	285.00	200	Horizontal	N/A

U-NII-2C & U-NII-3 11ac40 142 Channel



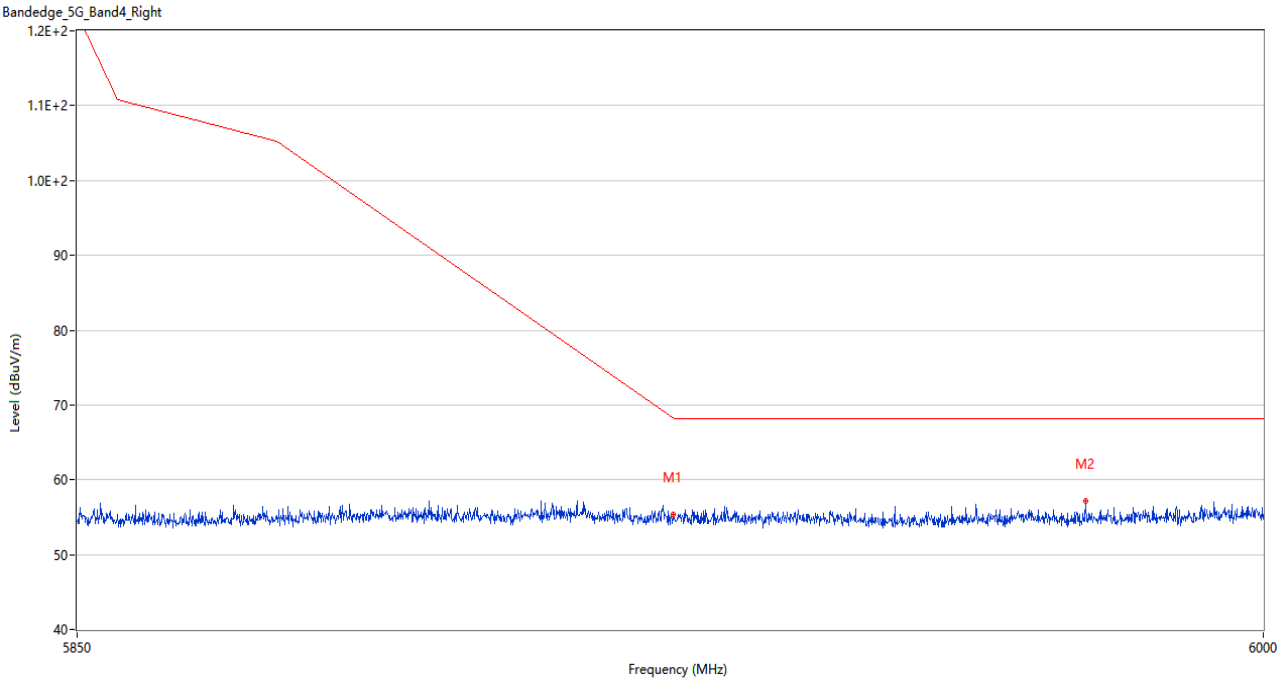
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.60	3.42	68.3	13.70	Peak	324.00	150	Horizontal	Pass
2	5997.150	56.39	4.81	68.2	11.81	Peak	329.00	150	Horizontal	Pass

U-NII-2C & U-NII-3 11ac80 138 Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5352.160	57.80	3.09	74.0	16.20	Peak	18.00	100	Horizontal	Pass
1**	5352.160	45.78	3.09	54.0	8.22	AV	18.00	100	Horizontal	Pass
2	5459.980	53.37	3.49	74.0	20.63	Peak	11.00	150	Horizontal	Pass
2**	5459.980	44.49	3.49	54.0	9.51	AV	11.00	150	Horizontal	Pass
3	5464.240	54.80	3.51	68.2	13.40	Peak	18.00	100	Horizontal	Pass
3**	5464.240	44.22	3.51	--	--	AV	18.00	100	Horizontal	N/A
4	5469.940	53.40	3.29	68.2	14.80	Peak	0.00	100	Horizontal	Pass
4**	5469.940	44.32	3.29	--	--	AV	0.00	100	Horizontal	N/A

U-NII-2C & U-NII-3 11ac80 138 Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.38	3.42	68.3	12.92	Peak	0.00	100	Horizontal	Pass
2	5977.275	57.22	4.30	68.2	10.98	Peak	117.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ23C0902-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ23C0902-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ23C0902-AI.PDF”.

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--END OF REPORT--