

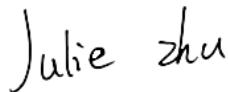
TEST REPORT

Applicant: XPPEN Technology CO.
Address: 15350 Fairfield Ranch Road, Chino Hills, CA,
91709, US
Equipment Type: Magic Drawing Pad
Model Name: 9494G
Brand Name: XPPen
FCC ID: 2AKDT-9494G
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: Nov. 07, 2023
Test Date: Nov. 10, 2023 - Dec. 04, 2023
Date of Issue: Dec. 17, 2023

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Julie Zhu




Checked by: Ye Hongji



Approved by: Liao Jianming

(Technical Director)



Revision History		
Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Dec. 17, 2023</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	XPPEN Technology CO.
Address	15350 Fairfield Ranch Road, Chino Hills, CA, 91709, US

2.2 Manufacturer Information

Manufacturer	Hanvon Ugee Technology Co., Ltd.
Address	2/F, West of 3/F, 4/F, No.4 Building, Fulongte Industrial Park, Huaxing Road, Langkou Community, Dalang Street, Longhua District, Shenzhen

2.3 General Description for Equipment under Test (EUT)

EUT Name	Magic Drawing Pad
Model Name Under Test	9494G
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac U-NII-1/2A/2C/3
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	<input type="checkbox"/> Mobile <input checked="" type="checkbox"/> Portable <input type="checkbox"/> Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Portable for FCC standard
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: 17.54mW U-NII-2A: 17.34mW U-NII-2C: 17.46mW U-NII-3: 24.83mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	Metal Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: -3.6 dBi U-NII-2A: 5250 MHz to 5350 MHz: -4.1 dBi U-NII-2C: 5470 MHz to 5725 MHz: -4.2 dBi U-NII-3: 5725 MHz to 5850 MHz: -3.8 dBi
About the Product	The equipment is Magic Drawing Pad, intended for used with information technology equipment.

2.5 Channel List

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

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

Note: Preliminary tests were performed in different data rate in above table to find the worst radiated emission. The data rate shown in the table below is the worst-case rate with respect to the specific test item. Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

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

3.2 Test Verdict

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	50% to 67%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+19.9°C to +26.2°C
	LT (Low Temperature)	+0.0°C
	HT (High Temperature)	+45.0°C
Working Voltage of the EUT	NV (Normal Voltage)	3.85 V
	LV (Low Voltage)	3.60 V
	HV (High Voltage)	4.40 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2023.05.16	2024.05.15
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2022.12.28	2023.12.27
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	2021.05.19	2024.05.08
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	ZT30-1000M	07210897	2023.09.05	2024.09.04
Amplifier	COM-MV	LSCX_LNA1-12G-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	2022.12.07	2023.12.06
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	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
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2023.09.05	2024.09.04
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.26	2026.03.03

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%

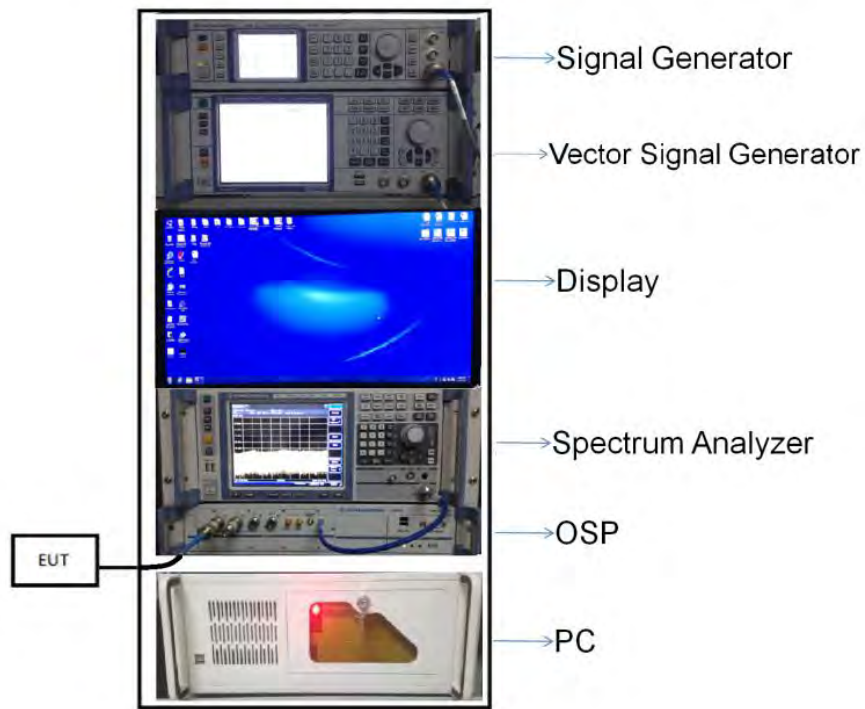
4.5 Description of Test Setup

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



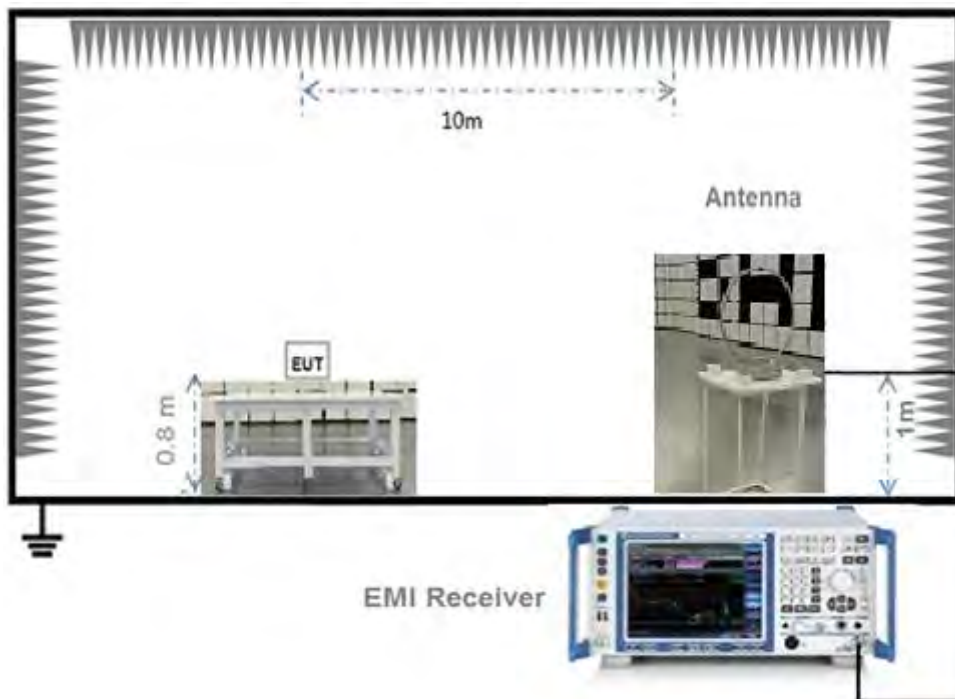
(Diagram 1)

4.5.2 For AC Power Supply Port Test



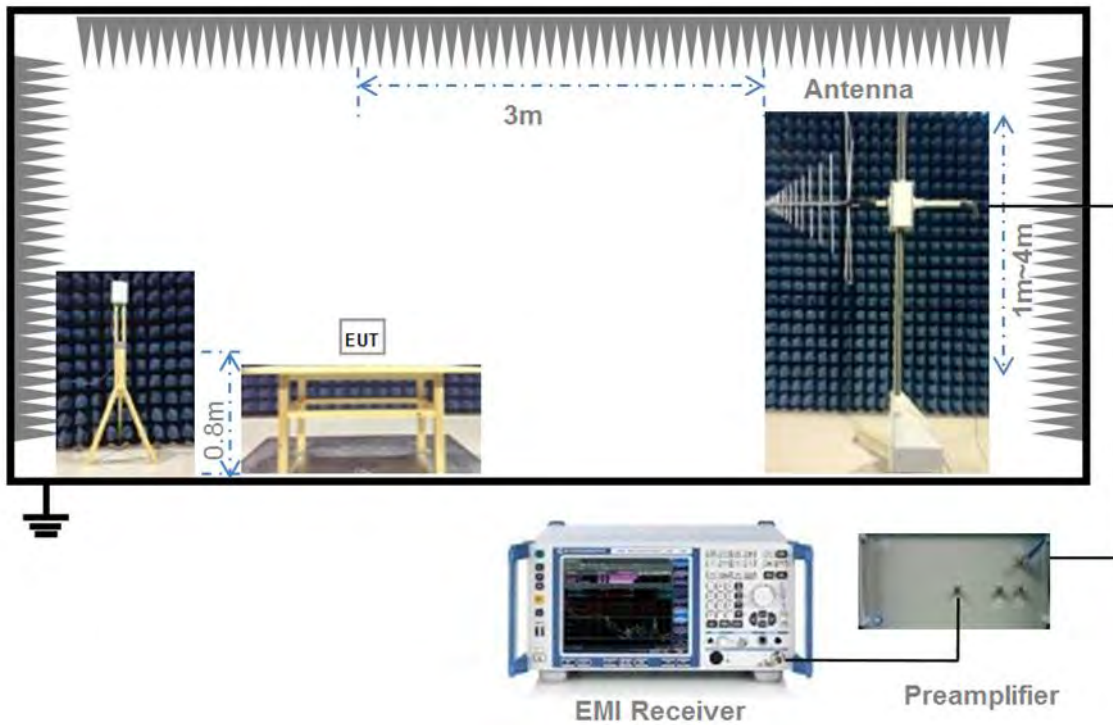
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



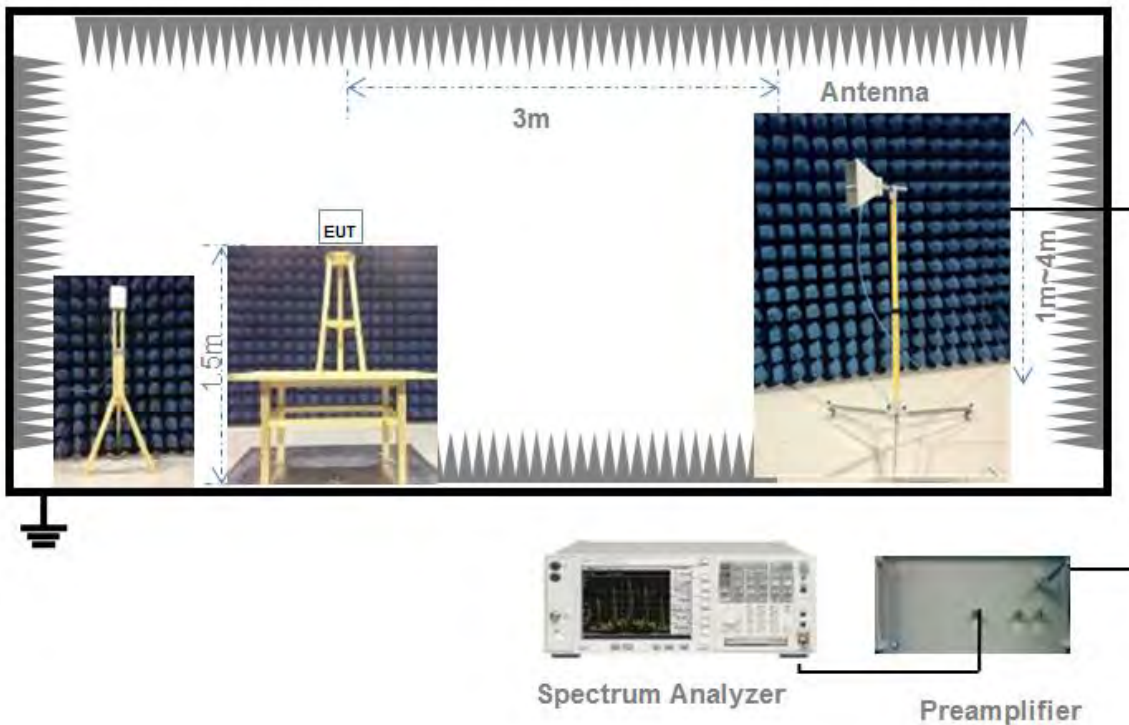
(Diagram 3)

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 $\geq 3 \times$ RBW,
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

1. Set Span = 1.5 times to 5.0 times the OBW
2. Set RBW = 1% to 5% of the OBW.
3. Set VBW $\geq 3 \times$ RBW, Detector = Peak.
4. Trace mode = Max hold.
5. Use the 99% power bandwidth function of the instrument.

6 dB bandwidth

1. Set RBW = 100 kHz, VBW = 300 kHz.
2. Detector = Peak. Trace mode = Max hold.
3. Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

5.5.1 Limit

FCC §15.209 & 15.407(b)

Frequency (MHz)	Field Strength (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

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

Note²: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

E = electric field strength in dB μ V/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

- e) Compare the resultant electric field strength level to the applicable limit.
- f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

- a) RBW = as specified in Table 1.
- b) VBW $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Sweep time = auto.
- e) Trace mode = max hold.
- f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

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

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

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

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

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle, x , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW $\geq 3 \times$ RBW.
- e) Detector = RMS, if $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz

VBW \geq RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	1.39	1.43	97.41%
11n (HT20)/11ac (VHT20)	1.31	1.35	97.40%
11n (HT40)/11ac (VHT40)	0.65	0.69	94.88%
11ac (VHT80)	0.32	0.38	86.06%

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	12.33	17.10	250	Pass
11a	CH44	12.36	17.22	250	Pass
11a	CH48	12.44	17.54	250	Pass
11n (HT20)	CH36	12.36	17.22	250	Pass
11n (HT20)	CH44	12.42	17.46	250	Pass
11n (HT20)	CH48	12.42	17.46	250	Pass
11n (HT40)	CH38	11.30	13.49	250	Pass
11n (HT40)	CH46	11.18	13.12	250	Pass
11ac (VHT20)	CH36	12.22	16.67	250	Pass
11ac (VHT20)	CH44	12.25	16.79	250	Pass
11ac (VHT20)	CH48	12.34	17.14	250	Pass
11ac (VHT40)	CH38	11.33	13.58	250	Pass
11ac (VHT40)	CH46	11.20	13.18	250	Pass
11ac (VHT80)	CH42	10.94	12.42	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	12.26	16.83	250	Pass
11a	CH60	12.18	16.52	250	Pass
11a	CH64	12.16	16.44	250	Pass
11n (HT20)	CH52	12.39	17.34	250	Pass
11n (HT20)	CH60	12.06	16.07	250	Pass
11n (HT20)	CH64	12.01	15.89	250	Pass
11n (HT40)	CH54	10.99	12.56	250	Pass
11n (HT40)	CH62	11.14	13.00	250	Pass
11ac (VHT20)	CH52	12.39	17.34	250	Pass
11ac (VHT20)	CH60	12.03	15.96	250	Pass
11ac (VHT20)	CH64	12.02	15.92	250	Pass
11ac (VHT40)	CH54	11.01	12.62	250	Pass
11ac (VHT40)	CH62	11.15	13.03	250	Pass
11ac (VHT80)	CH58	11.29	13.46	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	12.29	16.94	250	Pass
11a	CH116	11.90	15.49	250	Pass
11a	CH140	12.26	16.83	250	Pass
11n (HT20)	CH100	12.19	16.56	250	Pass
11n (HT20)	CH116	12.33	17.10	250	Pass
11n (HT20)	CH140	12.14	16.37	250	Pass
11n (HT40)	CH102	11.08	12.82	250	Pass
11n (HT40)	CH118	11.22	13.24	250	Pass
11n (HT40)	CH134	11.09	12.85	250	Pass
11ac (VHT20)	CH100	12.15	16.41	250	Pass
11ac (VHT20)	CH116	12.30	16.98	250	Pass
11ac (VHT20)	CH140	12.11	16.26	250	Pass
11ac (VHT40)	CH102	11.04	12.71	250	Pass
11ac (VHT40)	CH118	11.21	13.21	250	Pass
11ac (VHT40)	CH134	11.10	12.88	250	Pass
11ac (VHT80)	CH106	11.13	12.97	250	Pass
11ac (VHT80)	CH122	11.41	13.84	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.50	22.39	1000	Pass
11a	CH157	13.44	22.08	1000	Pass
11a	CH165	13.95	24.83	1000	Pass
11n (HT20)	CH149	13.36	21.68	1000	Pass
11n (HT20)	CH157	13.31	21.43	1000	Pass
11n (HT20)	CH165	13.82	24.10	1000	Pass
11n (HT40)	CH151	12.73	18.75	1000	Pass
11n (HT40)	CH159	12.80	19.05	1000	Pass
11ac (VHT20)	CH149	13.40	21.88	1000	Pass
11ac (VHT20)	CH157	13.32	21.48	1000	Pass
11ac (VHT20)	CH165	13.82	24.10	1000	Pass
11ac (VHT40)	CH151	12.74	18.79	1000	Pass
11ac (VHT40)	CH159	12.78	18.97	1000	Pass
11ac (VHT80)	CH155	12.39	17.34	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ23B0344-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	26.75	16.73
11a	CH44	31.95	17.00
11a	CH48	30.52	17.01
11n (HT20)	CH36	26.65	17.76
11n (HT20)	CH44	28.10	17.84
11n (HT20)	CH48	27.38	17.81
11n (HT40)	CH38	40.65	36.15
11n (HT40)	CH46	49.78	36.27
11ac (VHT20)	CH36	25.23	17.72
11ac (VHT20)	CH44	25.99	17.73
11ac (VHT20)	CH48	25.27	17.74
11ac (VHT40)	CH38	40.56	36.05
11ac (VHT40)	CH46	48.36	36.15
11ac (VHT80)	CH42	81.15	75.19

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	31.98	17.01
11a	CH60	30.61	16.84
11a	CH64	22.15	16.58
11n (HT20)	CH52	28.17	17.79
11n (HT20)	CH60	25.03	17.73
11n (HT20)	CH64	22.00	17.68
11n (HT40)	CH54	47.49	36.25
11n (HT40)	CH62	40.66	36.06
11ac (VHT20)	CH52	25.29	17.72
11ac (VHT20)	CH60	25.43	17.70
11ac (VHT20)	CH64	23.38	17.65
11ac (VHT40)	CH54	47.87	36.17
11ac (VHT40)	CH62	40.66	36.03
11ac (VHT80)	CH58	81.20	75.30

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	22.55	16.62
11a	CH116	30.59	16.91
11a	CH140	20.72	16.56
11n (HT20)	CH100	20.57	17.66
11n (HT20)	CH116	27.60	17.77
11n (HT20)	CH140	20.45	17.63
11n (HT40)	CH102	40.61	36.07
11n (HT40)	CH118	44.28	36.25
11n (HT40)	CH134	42.12	36.21
11ac (VHT20)	CH100	21.23	17.64
11ac (VHT20)	CH116	26.12	17.73
11ac (VHT20)	CH140	20.51	17.62
11ac (VHT40)	CH102	40.69	36.01
11ac (VHT40)	CH118	48.52	36.15
11ac (VHT40)	CH134	40.86	36.10
11ac (VHT80)	CH106	80.86	75.16
11ac (VHT80)	CH122	84.24	75.38

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	31.28	16.82
11a	CH157	31.14	16.92
11a	CH165	30.97	16.97
11n (HT20)	CH149	23.60	17.74
11n (HT20)	CH157	25.75	17.77
11n (HT20)	CH165	27.02	17.80
11n (HT40)	CH151	42.23	36.23
11n (HT40)	CH159	45.39	36.24
11ac (VHT20)	CH149	23.46	17.69
11ac (VHT20)	CH157	24.25	17.69
11ac (VHT20)	CH165	25.03	17.75
11ac (VHT40)	CH151	47.32	36.13
11ac (VHT40)	CH159	42.95	36.14
11ac (VHT80)	CH155	95.69	75.40

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ23B0344-604 Data Part 2.pdf".

Test Data

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

A.4 Power Spectral Density

Note¹: Test plots please refer to the document "Annex No.: BL-SZ23B0344-604 Data Part 3.pdf".

Note²: The RBW used in U-NII-3 is 1 MHz, and the PSD factor is: $10 \cdot \log(500 \text{ kHz/RBW}) = -3 \text{ dBm}$.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	1.87	11.00	Pass
11a	CH44	1.86	11.00	Pass
11a	CH48	1.84	11.00	Pass
11n (HT20)	CH36	1.77	11.00	Pass
11n (HT20)	CH44	2.02	11.00	Pass
11n (HT20)	CH48	1.86	11.00	Pass
11n (HT40)	CH38	-2.26	11.00	Pass
11n (HT40)	CH46	-2.45	11.00	Pass
11ac (VHT20)	CH36	1.47	11.00	Pass
11ac (VHT20)	CH44	1.58	11.00	Pass
11ac (VHT20)	CH48	1.61	11.00	Pass
11ac (VHT40)	CH38	-2.31	11.00	Pass
11ac (VHT40)	CH46	-2.43	11.00	Pass
11ac (VHT80)	CH42	-5.68	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	1.38	11.00	Pass
11a	CH60	1.64	11.00	Pass
11a	CH64	1.60	11.00	Pass
11n (HT20)	CH52	1.56	11.00	Pass
11n (HT20)	CH60	1.32	11.00	Pass
11n (HT20)	CH64	1.26	11.00	Pass
11n (HT40)	CH54	-2.65	11.00	Pass
11n (HT40)	CH62	-2.44	11.00	Pass
11ac (VHT20)	CH52	1.72	11.00	Pass
11ac (VHT20)	CH60	1.32	11.00	Pass
11ac (VHT20)	CH64	1.34	11.00	Pass
11ac (VHT40)	CH54	-2.57	11.00	Pass
11ac (VHT40)	CH62	-2.39	11.00	Pass
11ac (VHT80)	CH58	-5.55	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	1.87	11.00	Pass
11a	CH116	1.56	11.00	Pass
11a	CH140	1.71	11.00	Pass
11n (HT20)	CH100	1.60	11.00	Pass
11n (HT20)	CH116	1.77	11.00	Pass
11n (HT20)	CH140	1.42	11.00	Pass
11n (HT40)	CH102	-2.40	11.00	Pass
11n (HT40)	CH118	-2.26	11.00	Pass
11n (HT40)	CH134	-2.46	11.00	Pass
11ac (VHT20)	CH100	1.51	11.00	Pass
11ac (VHT20)	CH116	1.76	11.00	Pass
11ac (VHT20)	CH140	1.37	11.00	Pass
11ac (VHT40)	CH102	-2.47	11.00	Pass
11ac (VHT40)	CH118	-2.18	11.00	Pass
11ac (VHT40)	CH134	-2.41	11.00	Pass
11ac (VHT80)	CH106	-5.18	11.00	Pass
11ac (VHT80)	CH122	-5.08	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	0.31	30.00	Pass
11a	CH157	0.19	30.00	Pass
11a	CH165	0.67	30.00	Pass
11n (HT20)	CH149	0.03	30.00	Pass
11n (HT20)	CH157	-0.14	30.00	Pass
11n (HT20)	CH165	0.31	30.00	Pass
11n (HT40)	CH151	-3.52	30.00	Pass
11n (HT40)	CH159	-3.45	30.00	Pass
11ac (VHT20)	CH149	-0.01	30.00	Pass
11ac (VHT20)	CH157	-0.08	30.00	Pass
11ac (VHT20)	CH165	0.26	30.00	Pass
11ac (VHT40)	CH151	-3.63	30.00	Pass
11ac (VHT40)	CH159	-3.62	30.00	Pass
11ac (VHT80)	CH155	-6.64	30.00	Pass

A.5 Conducted Emissions

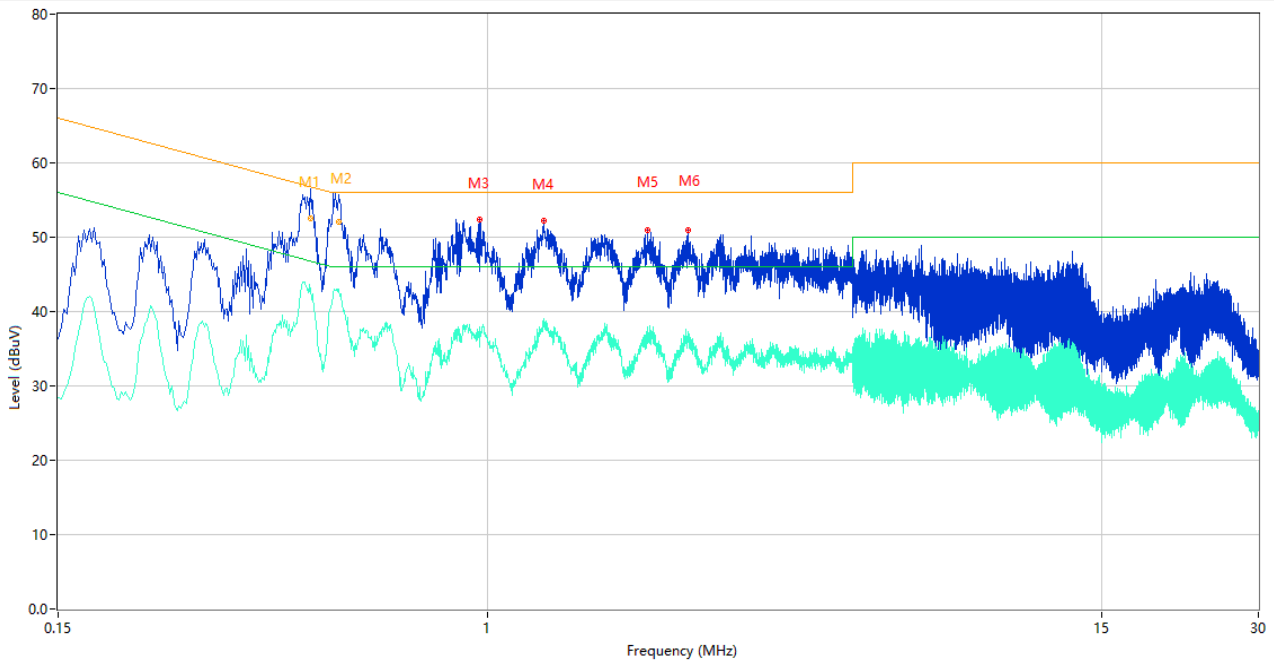
Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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 (240 VAC, 50 Hz) shown here.

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

Test Data and Plots

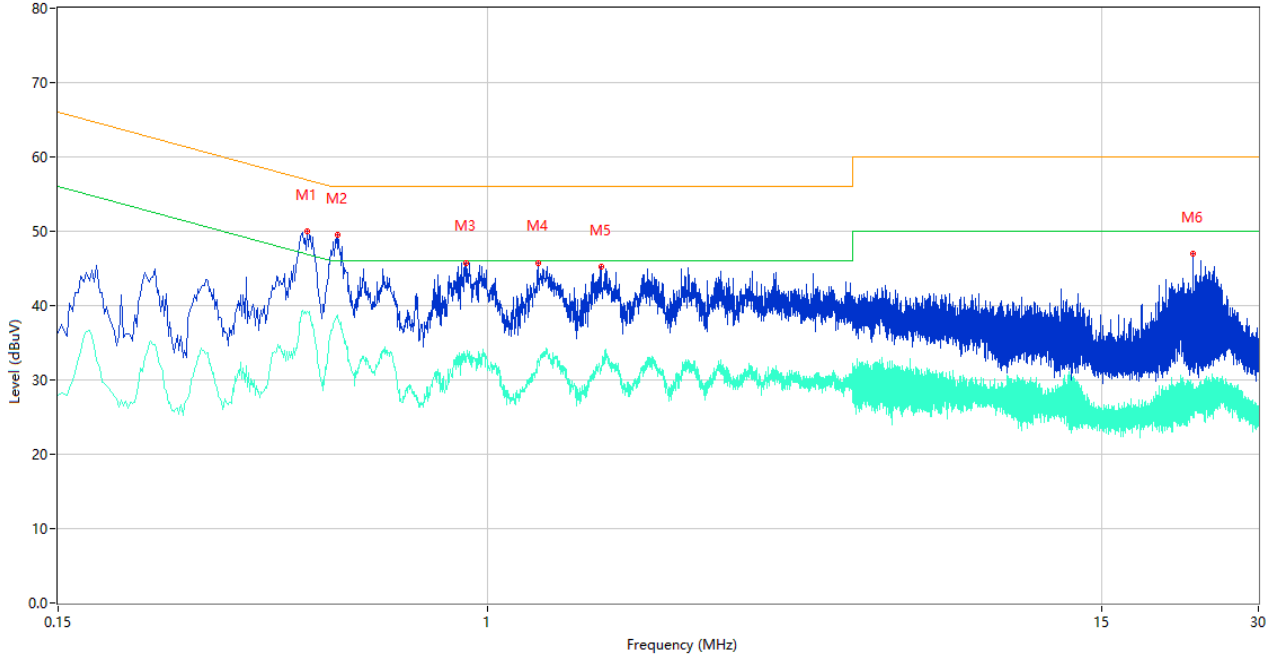
PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.458	57.58	10.02	56.73	-0.85	Peak	L	N/A
1*	0.458	52.48	10.02	56.73	4.25	QP	L	Pass
1**	0.458	43.21	10.02	46.73	3.52	AV	L	Pass
2	0.518	56.62	10.00	56.00	-0.62	Peak	L	N/A
2*	0.518	52.08	10.00	56.00	3.92	QP	L	Pass
2**	0.518	43.09	10.00	46.00	2.91	AV	L	Pass
3	0.966	52.36	10.03	56.00	3.64	Peak	L	Pass
3**	0.966	37.99	10.03	46.00	8.01	AV	L	Pass
4	1.278	52.22	10.49	56.00	3.78	Peak	L	Pass
4**	1.278	39.03	10.49	46.00	6.97	AV	L	Pass
5	2.028	50.91	10.39	56.00	5.09	Peak	L	Pass
5**	2.028	37.98	10.39	46.00	8.02	AV	L	Pass
6	2.424	50.91	10.24	56.00	5.09	Peak	L	Pass
6**	2.424	37.09	10.24	46.00	8.91	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.450	49.94	10.03	56.88	6.94	Peak	N	Pass
1**	0.450	39.22	10.03	46.88	7.66	AV	N	Pass
2	0.516	49.47	10.00	56.00	6.53	Peak	N	Pass
2**	0.516	38.36	10.00	46.00	7.64	AV	N	Pass
3	0.910	45.76	10.15	56.00	10.24	Peak	N	Pass
3**	0.910	32.46	10.15	46.00	13.54	AV	N	Pass
4	1.246	45.77	10.42	56.00	10.23	Peak	N	Pass
4**	1.246	32.79	10.42	46.00	13.21	AV	N	Pass
5	1.650	45.22	9.93	56.00	10.78	Peak	N	Pass
5**	1.650	31.92	9.93	46.00	14.08	AV	N	Pass
6	22.512	46.98	11.05	60.00	13.02	Peak	N	Pass
6**	22.512	29.58	11.05	50.00	20.42	AV	N	Pass

A.6 Radiated Spurious Emissions and Band Edge (Restricted-band)

Note¹: The symbol of "--" in the table which means not application.

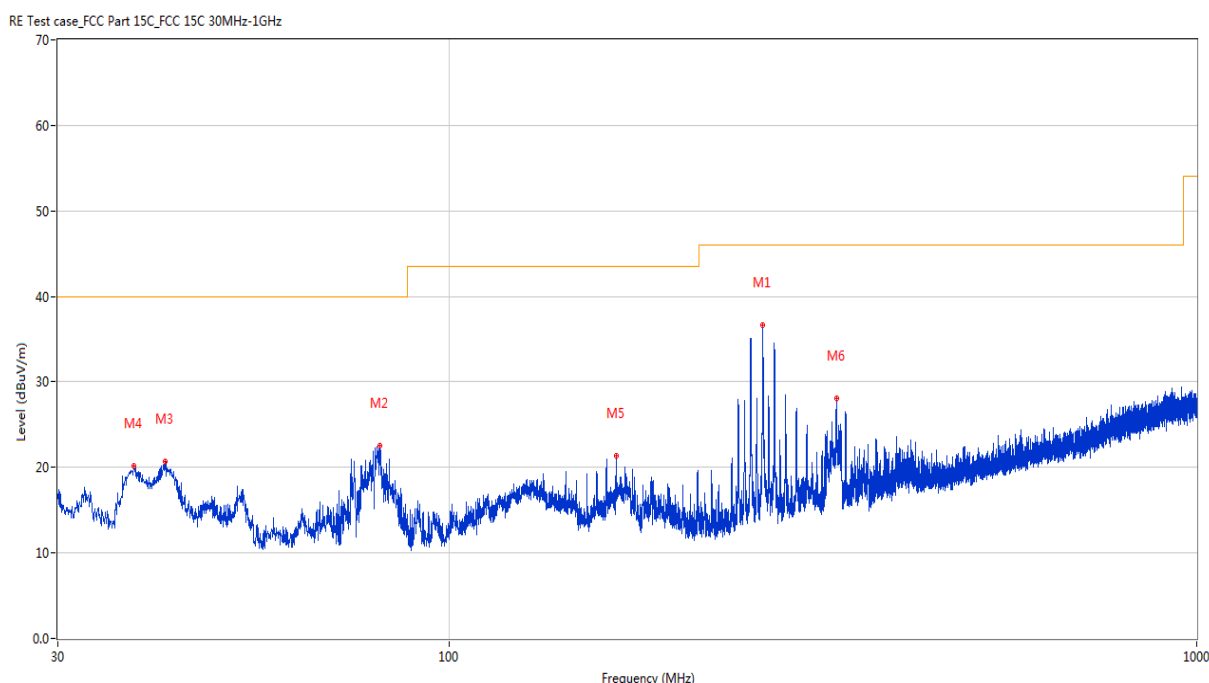
Note²: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note³: 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.

Note⁴: 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

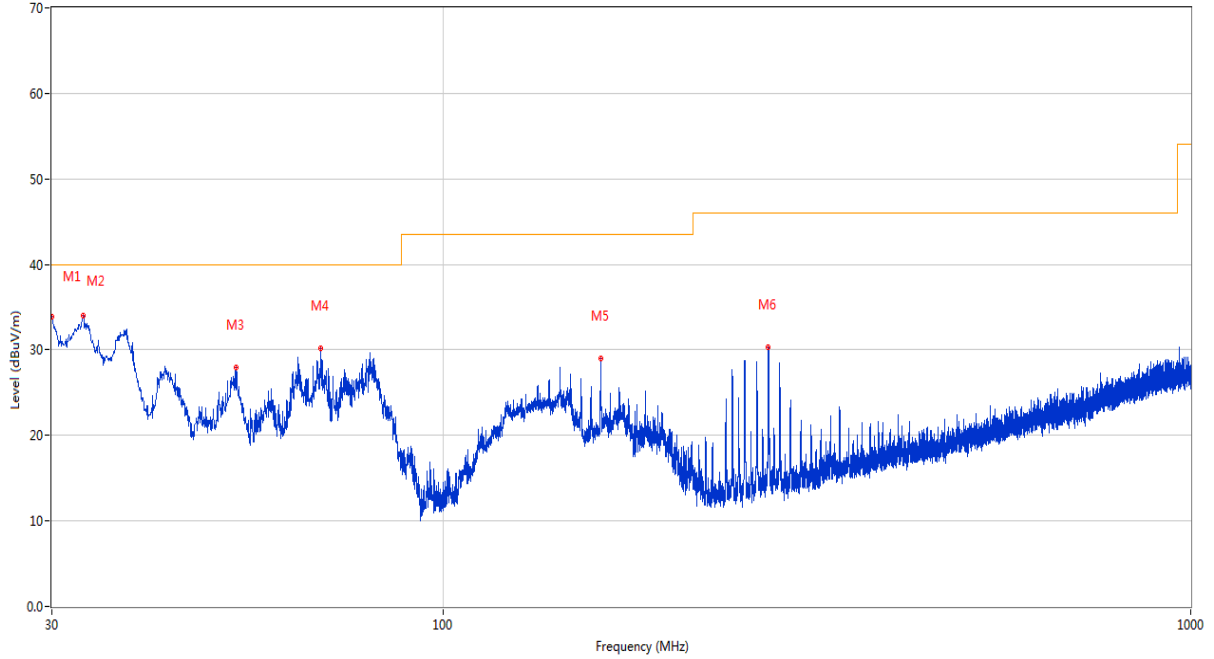
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	262.849	36.66	-22.19	46.0	9.34	Peak	355.90	100	Horizontal	Pass
2	80.877	22.53	-28.48	40.0	17.47	Peak	209.40	200	Horizontal	Pass
3	41.688	20.65	-23.56	40.0	19.35	Peak	277.00	100	Horizontal	Pass
4	37.906	20.21	-24.50	40.0	19.79	Peak	346.00	200	Horizontal	Pass
5	167.352	21.41	-27.02	43.5	22.09	Peak	82.10	200	Horizontal	Pass
6	329.633	28.04	-21.03	46.0	17.96	Peak	134.90	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.000	33.90	-25.94	40.0	6.10	Peak	293.80	100	Vertical	Pass
2	33.056	34.02	-26.36	40.0	5.98	Peak	205.20	100	Vertical	Pass
3	52.843	27.98	-23.03	40.0	12.02	Peak	318.80	100	Vertical	Pass
4	68.606	30.22	-26.21	40.0	9.78	Peak	211.90	100	Vertical	Pass
5	162.599	29.06	-27.02	43.5	14.44	Peak	111.60	100	Vertical	Pass
6	272.403	30.26	-22.07	46.0	15.74	Peak	250.90	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	1442.700	38.68	-16.97	74.0	35.32	Peak	181.00	200	Horizontal	Pass
1**	1442.700	28.45	-16.97	54.0	25.55	AV	181.00	200	Horizontal	Pass
2	4260.750	47.14	-4.40	74.0	26.86	Peak	153.00	200	Horizontal	Pass
2**	4260.750	37.93	-4.40	54.0	16.07	AV	153.00	200	Horizontal	Pass
3	5181.750	108.05	-2.44	--	--	Peak	153.00	150	Horizontal	N/A
3**	5181.750	100.80	-2.44	--	--	AV	153.00	150	Horizontal	N/A
4	7365.000	52.39	0.89	74.0	21.61	Peak	0.00	100	Horizontal	Pass
4**	7365.000	43.90	0.89	54.0	10.10	AV	0.00	100	Horizontal	Pass
5	12352.187	51.84	0.86	74.0	22.16	Peak	0.00	200	Horizontal	Pass
5**	12352.187	42.72	0.86	54.0	11.28	AV	0.00	200	Horizontal	Pass
6	16158.037	53.32	2.10	74.0	20.68	Peak	149.00	400	Horizontal	Pass
6**	16158.037	43.89	2.10	54.0	10.11	AV	149.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.800	38.18	-16.81	74.0	35.82	Peak	13.00	100	Vertical	Pass
1**	1574.800	28.89	-16.81	54.0	25.11	AV	13.00	100	Vertical	Pass
2	4377.000	46.81	-4.92	74.0	27.19	Peak	114.00	400	Vertical	Pass
2**	4377.000	37.52	-4.92	54.0	16.48	AV	114.00	400	Vertical	Pass
3	5181.000	102.92	-2.37	--	--	Peak	136.00	200	Vertical	N/A
3**	5181.000	95.91	-2.37	--	--	AV	136.00	200	Vertical	N/A
4	7371.000	52.62	0.98	74.0	21.38	Peak	282.00	400	Vertical	Pass
4**	7371.000	45.29	0.98	54.0	8.71	AV	282.00	400	Vertical	Pass
5	11790.262	51.91	-0.15	74.0	22.09	Peak	104.00	200	Vertical	Pass
5**	11790.262	42.90	-0.15	54.0	11.10	AV	104.00	200	Vertical	Pass
6	16168.013	53.21	2.03	74.0	20.79	Peak	234.00	200	Vertical	Pass
6**	16168.013	44.76	2.03	54.0	9.24	AV	234.00	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	1477.400	38.73	-16.93	74.0	35.27	Peak	40.00	300	Horizontal	Pass
1**	1477.400	29.03	-16.93	54.0	24.97	AV	40.00	300	Horizontal	Pass
2	4287.750	46.92	-4.60	74.0	27.08	Peak	244.00	100	Horizontal	Pass
2**	4287.750	37.43	-4.60	54.0	16.57	AV	244.00	100	Horizontal	Pass
3	5217.000	107.92	-2.95	--	--	Peak	156.00	100	Horizontal	N/A
3**	5217.000	100.27	-2.95	--	--	AV	156.00	100	Horizontal	N/A
4	7740.500	53.19	0.65	74.0	20.81	Peak	178.00	300	Horizontal	Pass
4**	7740.500	44.27	0.65	54.0	9.73	AV	178.00	300	Horizontal	Pass
5	11792.874	51.87	-0.15	74.0	22.13	Peak	106.00	200	Horizontal	Pass
5**	11792.874	41.85	-0.15	54.0	12.15	AV	106.00	200	Horizontal	Pass
6	16130.213	53.03	1.99	74.0	20.97	Peak	82.00	200	Horizontal	Pass
6**	16130.213	43.68	1.99	54.0	10.32	AV	82.00	200	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	1531.600	38.68	-16.82	74.0	35.32	Peak	116.00	300	Vertical	Pass
1**	1531.600	28.30	-16.82	54.0	25.70	AV	116.00	300	Vertical	Pass
2	4274.750	46.76	-5.07	74.0	27.24	Peak	33.00	100	Vertical	Pass
2**	4274.750	37.63	-5.07	54.0	16.37	AV	33.00	100	Vertical	Pass
3	5218.250	103.54	-2.79	--	--	Peak	128.00	150	Vertical	N/A
3**	5218.250	95.99	-2.79	--	--	AV	128.00	150	Vertical	N/A
4	7726.500	52.79	0.63	74.0	21.21	Peak	128.00	200	Vertical	Pass
4**	7726.500	43.45	0.63	54.0	10.55	AV	128.00	200	Vertical	Pass
5	12535.300	51.44	1.23	74.0	22.56	Peak	143.00	100	Vertical	Pass
5**	12535.300	42.16	1.23	54.0	11.84	AV	143.00	100	Vertical	Pass
6	16170.900	52.85	2.01	74.0	21.15	Peak	348.00	100	Vertical	Pass
6**	16170.900	44.07	2.01	54.0	9.93	AV	348.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.500	38.25	-16.78	74.0	35.75	Peak	296.00	200	Horizontal	Pass
1**	1612.500	28.76	-16.78	54.0	25.24	AV	296.00	200	Horizontal	Pass
2	4342.000	46.78	-4.68	74.0	27.22	Peak	146.00	300	Horizontal	Pass
2**	4342.000	37.11	-4.68	54.0	16.89	AV	146.00	300	Horizontal	Pass
3	5238.000	109.28	-3.05	--	--	Peak	146.00	200	Horizontal	N/A
3**	5238.000	100.57	-3.05	--	--	AV	146.00	200	Horizontal	N/A
4	7740.500	52.34	0.65	74.0	21.66	Peak	211.00	100	Horizontal	Pass
4**	7740.500	43.94	0.65	54.0	10.06	AV	211.00	100	Horizontal	Pass
5	11550.151	51.60	-1.24	74.0	22.40	Peak	352.00	200	Horizontal	Pass
5**	11550.151	41.96	-1.24	54.0	12.04	AV	352.00	200	Horizontal	Pass
6	16181.401	53.12	1.94	74.0	20.88	Peak	36.00	300	Horizontal	Pass
6**	16181.401	44.42	1.94	54.0	9.58	AV	36.00	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	1544.700	38.34	-16.73	74.0	35.66	Peak	317.00	400	Vertical	Pass
1**	1544.700	29.07	-16.73	54.0	24.93	AV	317.00	400	Vertical	Pass
2	4120.500	46.71	-5.33	74.0	27.29	Peak	136.00	200	Vertical	Pass
2**	4120.500	37.41	-5.33	54.0	16.59	AV	136.00	200	Vertical	Pass
3	5237.000	103.56	-2.85	--	--	Peak	136.00	100	Vertical	N/A
3**	5237.000	95.50	-2.85	--	--	AV	136.00	100	Vertical	N/A
4	7353.750	52.81	0.49	74.0	21.19	Peak	29.00	300	Vertical	Pass
4**	7353.750	43.87	0.49	54.0	10.13	AV	29.00	300	Vertical	Pass
5	12290.675	52.07	0.66	74.0	21.93	Peak	31.00	100	Vertical	Pass
5**	12290.675	41.99	0.66	54.0	12.01	AV	31.00	100	Vertical	Pass
6	16169.326	52.61	2.02	74.0	21.39	Peak	258.00	100	Vertical	Pass
6**	16169.326	44.30	2.02	54.0	9.70	AV	258.00	100	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	1512.300	38.11	-16.41	74.0	35.89	Peak	355.00	400	Horizontal	Pass
1**	1512.300	29.42	-16.41	54.0	24.58	AV	355.00	400	Horizontal	Pass
2	4331.500	47.27	-4.80	74.0	26.73	Peak	0.00	100	Horizontal	Pass
2**	4331.500	38.09	-4.80	54.0	15.91	AV	0.00	100	Horizontal	Pass
3	5181.750	107.01	-2.44	--	--	Peak	158.00	100	Horizontal	N/A
3**	5181.750	99.75	-2.44	--	--	AV	158.00	100	Horizontal	N/A
4	7481.500	52.51	0.91	74.0	21.49	Peak	33.00	100	Horizontal	Pass
4**	7481.500	43.41	0.91	54.0	10.59	AV	33.00	100	Horizontal	Pass
5	12278.799	52.19	0.79	74.0	21.81	Peak	291.00	150	Horizontal	Pass
5**	12278.799	42.89	0.79	54.0	11.11	AV	291.00	150	Horizontal	Pass
6	16161.713	52.81	2.07	74.0	21.19	Peak	266.00	200	Horizontal	Pass
6**	16161.713	44.11	2.07	54.0	9.89	AV	266.00	200	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	1575.900	38.34	-16.80	74.0	35.66	Peak	348.00	400	Vertical	Pass
1**	1575.900	29.73	-16.80	54.0	24.27	AV	348.00	400	Vertical	Pass
2	4223.500	46.83	-5.00	74.0	27.17	Peak	360.00	400	Vertical	Pass
2**	4223.500	37.56	-5.00	54.0	16.44	AV	360.00	400	Vertical	Pass
3	5181.000	101.43	-2.37	--	--	Peak	143.00	100	Vertical	N/A
3**	5181.000	93.97	-2.37	--	--	AV	143.00	100	Vertical	N/A
4	7733.250	53.35	0.60	74.0	20.65	Peak	342.00	200	Vertical	Pass
4**	7733.250	43.27	0.60	54.0	10.73	AV	342.00	200	Vertical	Pass
5	11803.563	51.52	-0.19	74.0	22.48	Peak	142.00	100	Vertical	Pass
5**	11803.563	43.27	-0.19	54.0	10.73	AV	142.00	100	Vertical	Pass
6	16159.875	53.43	2.09	74.0	20.57	Peak	35.00	400	Vertical	Pass
6**	16159.875	44.44	2.09	54.0	9.56	AV	35.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.100	38.20	-17.08	74.0	35.80	Peak	274.00	400	Horizontal	Pass
1**	1440.100	28.75	-17.08	54.0	25.25	AV	274.00	400	Horizontal	Pass
2	3991.250	46.68	-5.96	74.0	27.32	Peak	146.00	300	Horizontal	Pass
2**	3991.250	37.27	-5.96	54.0	16.73	AV	146.00	300	Horizontal	Pass
3	5221.250	107.77	-3.07	--	--	Peak	170.00	200	Horizontal	N/A
3**	5221.250	100.14	-3.07	--	--	AV	170.00	200	Horizontal	N/A
4	7364.500	52.74	0.79	74.0	21.26	Peak	0.00	200	Horizontal	Pass
4**	7364.500	43.60	0.79	54.0	10.40	AV	0.00	200	Horizontal	Pass
5	12414.175	51.76	1.09	74.0	22.24	Peak	318.00	200	Horizontal	Pass
5**	12414.175	42.51	1.09	54.0	11.49	AV	318.00	200	Horizontal	Pass
6	16184.549	52.62	1.92	74.0	21.38	Peak	216.00	400	Horizontal	Pass
6**	16184.549	42.62	1.92	54.0	11.38	AV	216.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.500	38.23	-16.85	74.0	35.77	Peak	0.00	200	Vertical	Pass
1**	1443.500	28.74	-16.85	54.0	25.26	AV	0.00	200	Vertical	Pass
2	4306.250	47.10	-5.20	74.0	26.90	Peak	53.00	300	Vertical	Pass
2**	4306.250	37.19	-5.20	54.0	16.81	AV	53.00	300	Vertical	Pass
3	5219.000	101.21	-2.84	--	--	Peak	136.00	150	Vertical	N/A
3**	5219.000	94.31	-2.84	--	--	AV	136.00	150	Vertical	N/A
4	7597.500	52.70	0.84	74.0	21.30	Peak	219.00	100	Vertical	Pass
4**	7597.500	42.69	0.84	54.0	11.31	AV	219.00	100	Vertical	Pass
5	12511.787	51.57	1.37	74.0	22.43	Peak	159.00	150	Vertical	Pass
5**	12511.787	41.58	1.37	54.0	12.42	AV	159.00	150	Vertical	Pass
6	16100.550	52.93	1.76	74.0	21.07	Peak	214.00	400	Vertical	Pass
6**	16100.550	43.91	1.76	54.0	10.09	AV	214.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.500	38.39	-17.16	74.0	35.61	Peak	360.00	200	Horizontal	Pass
1**	1493.500	28.30	-17.16	54.0	25.70	AV	360.00	200	Horizontal	Pass
2	4273.750	47.78	-4.74	74.0	26.22	Peak	75.00	300	Horizontal	Pass
2**	4273.750	37.94	-4.74	54.0	16.06	AV	75.00	300	Horizontal	Pass
3	5238.750	107.88	-2.91	--	--	Peak	148.00	200	Horizontal	N/A
3**	5238.750	100.93	-2.91	--	--	AV	148.00	200	Horizontal	N/A
4	7746.000	53.62	0.18	74.0	20.38	Peak	100.00	100	Horizontal	Pass
4**	7746.000	42.96	0.18	54.0	11.04	AV	100.00	100	Horizontal	Pass
5	11790.737	51.94	-0.15	74.0	22.06	Peak	232.00	200	Horizontal	Pass
5**	11790.737	42.33	-0.15	54.0	11.67	AV	232.00	200	Horizontal	Pass
6	16171.950	53.47	2.00	74.0	20.53	Peak	234.00	400	Horizontal	Pass
6**	16171.950	43.32	2.00	54.0	10.68	AV	234.00	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	1479.700	38.32	-17.01	74.0	35.68	Peak	0.00	100	Vertical	Pass
1**	1479.700	28.53	-17.01	54.0	25.47	AV	0.00	100	Vertical	Pass
2	4236.500	46.95	-5.20	74.0	27.05	Peak	360.00	100	Vertical	Pass
2**	4236.500	36.67	-5.20	54.0	17.33	AV	360.00	100	Vertical	Pass
3	5239.000	101.54	-2.94	--	--	Peak	139.00	150	Vertical	N/A
3**	5239.000	94.40	-2.94	--	--	AV	139.00	150	Vertical	N/A
4	7708.000	53.03	1.69	74.0	20.97	Peak	200.00	100	Vertical	Pass
4**	7708.000	43.63	1.69	54.0	10.37	AV	200.00	100	Vertical	Pass
5	11784.088	51.90	-0.16	74.0	22.10	Peak	159.00	100	Vertical	Pass
5**	11784.088	43.10	-0.16	54.0	10.90	AV	159.00	100	Vertical	Pass
6	16170.637	53.35	2.01	74.0	20.65	Peak	200.00	300	Vertical	Pass
6**	16170.637	44.23	2.01	54.0	9.77	AV	200.00	300	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	1553.000	38.83	-17.38	74.0	35.17	Peak	236.00	200	Horizontal	Pass
1**	1553.000	28.50	-17.38	54.0	25.50	AV	236.00	200	Horizontal	Pass
2	4244.750	46.58	-4.44	74.0	27.42	Peak	0.00	100	Horizontal	Pass
2**	4244.750	37.51	-4.44	54.0	16.49	AV	0.00	100	Horizontal	Pass
3	5192.250	103.47	-2.84	--	--	Peak	156.00	150	Horizontal	N/A
3**	5192.250	96.13	-2.84	--	--	AV	156.00	150	Horizontal	N/A
4	7490.750	52.62	1.51	74.0	21.38	Peak	58.00	300	Horizontal	Pass
4**	7490.750	43.55	1.51	54.0	10.45	AV	58.00	300	Horizontal	Pass
5	11812.350	52.50	-0.29	74.0	21.50	Peak	327.00	150	Horizontal	Pass
5**	11812.350	41.24	-0.29	54.0	12.76	AV	327.00	150	Horizontal	Pass
6	16154.362	53.52	2.12	74.0	20.48	Peak	91.00	400	Horizontal	Pass
6**	16154.362	43.75	2.12	54.0	10.25	AV	91.00	400	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	1443.400	38.45	-16.85	74.0	35.55	Peak	98.00	200	Vertical	Pass
1**	1443.400	28.68	-16.85	54.0	25.32	AV	98.00	200	Vertical	Pass
2	4339.500	46.95	-5.17	74.0	27.05	Peak	222.00	200	Vertical	Pass
2**	4339.500	36.98	-5.17	54.0	17.02	AV	222.00	200	Vertical	Pass
3	5191.500	97.47	-2.46	--	--	Peak	141.00	100	Vertical	N/A
3**	5191.500	90.01	-2.46	--	--	AV	141.00	100	Vertical	N/A
4	7477.250	52.70	0.39	74.0	21.30	Peak	120.00	200	Vertical	Pass
4**	7477.250	43.64	0.39	54.0	10.36	AV	120.00	200	Vertical	Pass
5	12524.613	51.76	1.30	74.0	22.24	Peak	299.00	150	Vertical	Pass
5**	12524.613	42.29	1.30	54.0	11.71	AV	299.00	150	Vertical	Pass
6	16153.050	53.33	2.13	74.0	20.67	Peak	264.00	100	Vertical	Pass
6**	16153.050	43.98	2.13	54.0	10.02	AV	264.00	100	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	1594.700	38.67	-17.00	74.0	35.33	Peak	0.00	200	Horizontal	Pass
1**	1594.700	28.78	-17.00	54.0	25.22	AV	0.00	200	Horizontal	Pass
2	4264.000	46.59	-4.74	74.0	27.41	Peak	120.00	400	Horizontal	Pass
2**	4264.000	37.50	-4.74	54.0	16.50	AV	120.00	400	Horizontal	Pass
3	5232.500	104.62	-3.02	--	--	Peak	144.00	200	Horizontal	N/A
3**	5232.500	96.89	-3.02	--	--	AV	144.00	200	Horizontal	N/A
4	7365.000	52.98	0.89	74.0	21.02	Peak	120.00	200	Horizontal	Pass
4**	7365.000	43.51	0.89	54.0	10.49	AV	120.00	200	Horizontal	Pass
5	11790.500	51.98	-0.15	74.0	22.02	Peak	249.00	200	Horizontal	Pass
5**	11790.500	42.89	-0.15	54.0	11.11	AV	249.00	200	Horizontal	Pass
6	16170.112	53.26	2.02	74.0	20.74	Peak	59.00	400	Horizontal	Pass
6**	16170.112	44.05	2.02	54.0	9.95	AV	59.00	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	1574.500	38.96	-17.01	74.0	35.04	Peak	212.00	400	Vertical	Pass
1**	1574.500	28.90	-17.01	54.0	25.10	AV	212.00	400	Vertical	Pass
2	4334.500	46.46	-4.84	74.0	27.54	Peak	47.00	200	Vertical	Pass
2**	4334.500	37.56	-4.84	54.0	16.44	AV	47.00	200	Vertical	Pass
3	5234.500	98.34	-2.77	--	--	Peak	117.00	150	Vertical	N/A
3**	5234.500	90.41	-2.77	--	--	AV	117.00	150	Vertical	N/A
4	7713.750	54.25	1.83	74.0	19.75	Peak	275.00	100	Vertical	Pass
4**	7713.750	43.36	1.83	54.0	10.64	AV	275.00	100	Vertical	Pass
5	11793.112	51.89	-0.15	74.0	22.11	Peak	50.00	150	Vertical	Pass
5**	11793.112	43.05	-0.15	54.0	10.95	AV	50.00	150	Vertical	Pass
6	16160.137	53.51	2.08	74.0	20.49	Peak	234.00	400	Vertical	Pass
6**	16160.137	43.90	2.08	54.0	10.10	AV	234.00	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	1471.600	37.94	-16.99	74.0	36.06	Peak	358.00	100	Horizontal	Pass
1**	1471.600	28.65	-16.99	54.0	25.35	AV	358.00	100	Horizontal	Pass
2	4245.250	46.87	-4.33	74.0	27.13	Peak	342.00	300	Horizontal	Pass
2**	4245.250	38.59	-4.33	54.0	15.41	AV	342.00	300	Horizontal	Pass
3	5182.000	105.90	-2.38	--	--	Peak	163.00	200	Horizontal	N/A
3**	5182.000	99.09	-2.38	--	--	AV	163.00	200	Horizontal	N/A
4	7746.250	52.51	0.20	74.0	21.49	Peak	342.00	300	Horizontal	Pass
4**	7746.250	43.21	0.20	54.0	10.79	AV	342.00	300	Horizontal	Pass
5	11780.525	52.49	-0.16	74.0	21.51	Peak	107.00	100	Horizontal	Pass
5**	11780.525	41.97	-0.16	54.0	12.03	AV	107.00	100	Horizontal	Pass
6	16164.600	53.53	2.05	74.0	20.47	Peak	98.00	200	Horizontal	Pass
6**	16164.600	45.36	2.05	54.0	8.64	AV	98.00	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	1592.700	38.33	-16.50	74.0	35.67	Peak	116.00	400	Vertical	Pass
1**	1592.700	29.24	-16.50	54.0	24.76	AV	116.00	400	Vertical	Pass
2	4349.250	46.72	-4.65	74.0	27.28	Peak	59.00	200	Vertical	Pass
2**	4349.250	38.31	-4.65	54.0	15.69	AV	59.00	200	Vertical	Pass
3	5181.750	101.12	-2.44	--	--	Peak	132.00	200	Vertical	N/A
3**	5181.750	93.90	-2.44	--	--	AV	132.00	200	Vertical	N/A
4	7451.000	52.52	0.37	74.0	21.48	Peak	0.00	400	Vertical	Pass
4**	7451.000	43.01	0.37	54.0	10.99	AV	0.00	400	Vertical	Pass
5	12313.713	51.68	0.63	74.0	22.32	Peak	28.00	200	Vertical	Pass
5**	12313.713	41.84	0.63	54.0	12.16	AV	28.00	200	Vertical	Pass
6	16166.438	52.61	2.04	74.0	21.39	Peak	126.00	100	Vertical	Pass
6**	16166.438	45.04	2.04	54.0	8.96	AV	126.00	100	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	1576.200	37.98	-16.81	74.0	36.02	Peak	145.00	200	Horizontal	Pass
1**	1576.200	29.20	-16.81	54.0	24.80	AV	145.00	200	Horizontal	Pass
2	4399.000	46.69	-4.83	74.0	27.31	Peak	200.00	400	Horizontal	Pass
2**	4399.000	38.26	-4.83	54.0	15.74	AV	200.00	400	Horizontal	Pass
3	5219.250	106.68	-2.86	--	--	Peak	158.00	100	Horizontal	N/A
3**	5219.250	99.68	-2.86	--	--	AV	158.00	100	Horizontal	N/A
4	7583.500	52.80	0.91	74.0	21.20	Peak	180.00	300	Horizontal	Pass
4**	7583.500	43.28	0.91	54.0	10.72	AV	180.00	300	Horizontal	Pass
5	12161.475	51.77	0.07	74.0	22.23	Peak	177.00	100	Horizontal	Pass
5**	12161.475	41.51	0.07	54.0	12.49	AV	177.00	100	Horizontal	Pass
6	16170.900	52.36	2.01	74.0	21.64	Peak	132.00	300	Horizontal	Pass
6**	16170.900	44.25	2.01	54.0	9.75	AV	132.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1559.600	38.02	-17.22	74.0	35.98	Peak	360.00	400	Vertical	Pass
1**	1559.600	28.81	-17.22	54.0	25.19	AV	360.00	400	Vertical	Pass
2	4294.000	47.46	-4.73	74.0	26.54	Peak	191.00	400	Vertical	Pass
2**	4294.000	37.09	-4.73	54.0	16.91	AV	191.00	400	Vertical	Pass
3	5219.000	100.78	-2.84	--	--	Peak	125.00	200	Vertical	N/A
3**	5219.000	93.25	-2.84	--	--	AV	125.00	200	Vertical	N/A
4	7742.750	53.14	0.60	74.0	20.86	Peak	320.00	200	Vertical	Pass
4**	7742.750	43.24	0.60	54.0	10.76	AV	320.00	200	Vertical	Pass
5	11791.688	51.50	-0.15	74.0	22.50	Peak	344.00	200	Vertical	Pass
5**	11791.688	43.06	-0.15	54.0	10.94	AV	344.00	200	Vertical	Pass
6	16162.237	52.33	2.07	74.0	21.67	Peak	202.00	300	Vertical	Pass
6**	16162.237	44.33	2.07	54.0	9.67	AV	202.00	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	1512.100	38.89	-16.49	74.0	35.11	Peak	78.00	400	Horizontal	Pass
1**	1512.100	28.95	-16.49	54.0	25.05	AV	78.00	400	Horizontal	Pass
2	4257.500	47.03	-4.36	74.0	26.97	Peak	321.00	200	Horizontal	Pass
2**	4257.500	37.57	-4.36	54.0	16.43	AV	321.00	200	Horizontal	Pass
3	5241.000	106.73	-3.09	--	--	Peak	159.00	200	Horizontal	N/A
3**	5241.000	99.68	-3.09	--	--	AV	159.00	200	Horizontal	N/A
4	7568.250	52.96	0.71	74.0	21.04	Peak	27.00	200	Horizontal	Pass
4**	7568.250	43.51	0.71	54.0	10.49	AV	27.00	200	Horizontal	Pass
5	11789.550	52.30	-0.16	74.0	21.70	Peak	203.00	200	Horizontal	Pass
5**	11789.550	43.38	-0.16	54.0	10.62	AV	203.00	200	Horizontal	Pass
6	16159.088	53.25	2.09	74.0	20.75	Peak	322.00	100	Horizontal	Pass
6**	16159.088	43.73	2.09	54.0	10.27	AV	322.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.500	38.23	-17.12	74.0	35.77	Peak	252.00	300	Vertical	Pass
1**	1489.500	28.42	-17.12	54.0	25.58	AV	252.00	300	Vertical	Pass
2	4223.000	47.08	-5.04	74.0	26.92	Peak	298.00	400	Vertical	Pass
2**	4223.000	37.28	-5.04	54.0	16.72	AV	298.00	400	Vertical	Pass
3	5238.500	101.65	-3.00	--	--	Peak	122.00	100	Vertical	N/A
3**	5238.500	94.04	-3.00	--	--	AV	122.00	100	Vertical	N/A
4	7698.250	52.59	1.14	74.0	21.41	Peak	54.00	400	Vertical	Pass
4**	7698.250	43.20	1.14	54.0	10.80	AV	54.00	400	Vertical	Pass
5	11795.488	52.66	-0.15	74.0	21.34	Peak	213.00	100	Vertical	Pass
5**	11795.488	42.66	-0.15	54.0	11.34	AV	213.00	100	Vertical	Pass
6	16175.625	52.43	1.98	74.0	21.57	Peak	95.00	200	Vertical	Pass
6**	16175.625	44.00	1.98	54.0	10.00	AV	95.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.900	38.54	-17.01	74.0	35.46	Peak	251.00	200	Horizontal	Pass
1**	1572.900	28.73	-17.01	54.0	25.27	AV	251.00	200	Horizontal	Pass
2	4328.500	46.97	-5.30	74.0	27.03	Peak	78.00	400	Horizontal	Pass
2**	4328.500	36.72	-5.30	54.0	17.28	AV	78.00	400	Horizontal	Pass
3	5187.750	103.46	-2.46	--	--	Peak	166.00	150	Horizontal	N/A
3**	5187.750	96.27	-2.46	--	--	AV	166.00	150	Horizontal	N/A
4	7358.750	52.64	0.94	74.0	21.36	Peak	0.00	200	Horizontal	Pass
4**	7358.750	44.12	0.94	54.0	9.88	AV	0.00	200	Horizontal	Pass
5	12353.849	51.64	0.87	74.0	22.36	Peak	70.00	200	Horizontal	Pass
5**	12353.849	41.80	0.87	54.0	12.20	AV	70.00	200	Horizontal	Pass
6	16170.900	53.11	2.01	74.0	20.89	Peak	264.00	300	Horizontal	Pass
6**	16170.900	43.88	2.01	54.0	10.12	AV	264.00	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	1485.600	39.18	-17.00	74.0	34.82	Peak	0.00	100	Vertical	Pass
1**	1485.600	28.79	-17.00	54.0	25.21	AV	0.00	100	Vertical	Pass
2	4230.500	47.29	-5.24	74.0	26.71	Peak	114.00	100	Vertical	Pass
2**	4230.500	36.83	-5.24	54.0	17.17	AV	114.00	100	Vertical	Pass
3	5191.750	98.37	-2.58	--	--	Peak	136.00	200	Vertical	N/A
3**	5191.750	90.36	-2.58	--	--	AV	136.00	200	Vertical	N/A
4	7567.750	53.09	0.60	74.0	20.91	Peak	261.00	400	Vertical	Pass
4**	7567.750	43.69	0.60	54.0	10.31	AV	261.00	400	Vertical	Pass
5	12035.599	52.12	-0.01	74.0	21.88	Peak	68.00	200	Vertical	Pass
5**	12035.599	42.33	-0.01	54.0	11.67	AV	68.00	200	Vertical	Pass
6	16074.825	53.44	1.42	74.0	20.56	Peak	141.00	300	Vertical	Pass
6**	16074.825	43.66	1.42	54.0	10.34	AV	141.00	300	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	1518.600	38.55	-16.88	74.0	35.45	Peak	253.00	200	Horizontal	Pass
1**	1518.600	28.82	-16.88	54.0	25.18	AV	253.00	200	Horizontal	Pass
2	4248.750	47.29	-4.39	74.0	26.71	Peak	138.00	400	Horizontal	Pass
2**	4248.750	38.32	-4.39	54.0	15.68	AV	138.00	400	Horizontal	Pass
3	5231.500	104.25	-2.98	--	--	Peak	158.00	100	Horizontal	N/A
3**	5231.500	97.09	-2.98	--	--	AV	158.00	100	Horizontal	N/A
4	7360.500	54.04	0.75	74.0	19.96	Peak	344.00	300	Horizontal	Pass
4**	7360.500	43.59	0.75	54.0	10.41	AV	344.00	300	Horizontal	Pass
5	11800.475	52.08	-0.15	74.0	21.92	Peak	121.00	200	Horizontal	Pass
5**	11800.475	42.98	-0.15	54.0	11.02	AV	121.00	200	Horizontal	Pass
6	16166.963	52.97	2.04	74.0	21.03	Peak	0.00	400	Horizontal	Pass
6**	16166.963	43.54	2.04	54.0	10.46	AV	0.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.500	38.12	-16.99	74.0	35.88	Peak	0.00	400	Vertical	Pass
1**	1593.500	29.58	-16.99	54.0	24.42	AV	0.00	400	Vertical	Pass
2	4060.250	46.78	-5.69	74.0	27.22	Peak	178.00	200	Vertical	Pass
2**	4060.250	36.72	-5.69	54.0	17.28	AV	178.00	200	Vertical	Pass
3	5232.250	98.35	-2.99	--	--	Peak	136.00	200	Vertical	N/A
3**	5232.250	90.86	-2.99	--	--	AV	136.00	200	Vertical	N/A
4	7628.250	52.75	0.06	74.0	21.25	Peak	261.00	400	Vertical	Pass
4**	7628.250	42.45	0.06	54.0	11.55	AV	261.00	400	Vertical	Pass
5	11790.975	52.47	-0.15	74.0	21.53	Peak	40.00	200	Vertical	Pass
5**	11790.975	43.10	-0.15	54.0	10.90	AV	40.00	200	Vertical	Pass
6	16182.974	53.27	1.93	74.0	20.73	Peak	143.00	100	Vertical	Pass
6**	16182.974	43.74	1.93	54.0	10.26	AV	143.00	100	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	1599.900	38.26	-16.70	74.0	35.74	Peak	130.00	200	Horizontal	Pass
1**	1599.900	29.35	-16.70	54.0	24.65	AV	130.00	200	Horizontal	Pass
2	4353.250	46.94	-4.60	74.0	27.06	Peak	117.00	200	Horizontal	Pass
2**	4353.250	37.40	-4.60	54.0	16.60	AV	117.00	200	Horizontal	Pass
3	5211.500	100.84	-2.28	--	--	Peak	161.00	150	Horizontal	N/A
3**	5211.500	93.26	-2.28	--	--	AV	161.00	150	Horizontal	N/A
4	7657.000	53.08	1.34	74.0	20.92	Peak	49.00	300	Horizontal	Pass
4**	7657.000	43.35	1.34	54.0	10.65	AV	49.00	300	Horizontal	Pass
5	12326.300	52.17	0.71	74.0	21.83	Peak	169.00	150	Horizontal	Pass
5**	12326.300	42.14	0.71	54.0	11.86	AV	169.00	150	Horizontal	Pass
6	16154.625	53.44	2.12	74.0	20.56	Peak	178.00	200	Horizontal	Pass
6**	16154.625	44.45	2.12	54.0	9.55	AV	178.00	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	1610.000	38.29	-17.03	74.0	35.71	Peak	81.00	300	Vertical	Pass
1**	1610.000	28.62	-17.03	54.0	25.38	AV	81.00	300	Vertical	Pass
2	4256.250	46.73	-4.17	74.0	27.27	Peak	0.00	400	Vertical	Pass
2**	4256.250	37.46	-4.17	54.0	16.54	AV	0.00	400	Vertical	Pass
3	5207.500	94.46	-2.19	--	--	Peak	124.00	100	Vertical	N/A
3**	5207.500	87.33	-2.19	--	--	AV	124.00	100	Vertical	N/A
4	7580.250	52.69	0.43	74.0	21.31	Peak	192.00	300	Vertical	Pass
4**	7580.250	44.79	0.43	54.0	9.21	AV	192.00	300	Vertical	Pass
5	11789.312	51.65	-0.16	74.0	22.35	Peak	243.00	200	Vertical	Pass
5**	11789.312	43.59	-0.16	54.0	10.41	AV	243.00	200	Vertical	Pass
6	16150.162	53.28	2.15	74.0	20.72	Peak	124.00	400	Vertical	Pass
6**	16150.162	43.72	2.15	54.0	10.28	AV	124.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.900	38.83	-16.85	74.0	35.17	Peak	0.00	200	Horizontal	Pass
1**	1497.900	28.50	-16.85	54.0	25.50	AV	0.00	200	Horizontal	Pass
2	4137.750	46.50	-5.47	74.0	27.50	Peak	0.00	100	Horizontal	Pass
2**	4137.750	36.99	-5.47	54.0	17.01	AV	0.00	100	Horizontal	Pass
3	5262.000	108.91	-3.06	--	--	Peak	159.00	150	Horizontal	N/A
3**	5262.000	101.25	-3.06	--	--	AV	159.00	150	Horizontal	N/A
4	7486.500	53.10	1.41	74.0	20.90	Peak	360.00	300	Horizontal	Pass
4**	7486.500	43.98	1.41	54.0	10.02	AV	360.00	300	Horizontal	Pass
5	12334.375	51.71	0.76	74.0	22.29	Peak	187.00	100	Horizontal	Pass
5**	12334.375	41.94	0.76	54.0	12.06	AV	187.00	100	Horizontal	Pass
6	16158.300	52.35	2.10	74.0	21.65	Peak	210.00	100	Horizontal	Pass
6**	16158.300	44.01	2.10	54.0	9.99	AV	210.00	100	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	1496.600	38.20	-16.86	74.0	35.80	Peak	23.00	400	Vertical	Pass
1**	1496.600	28.71	-16.86	54.0	25.29	AV	23.00	400	Vertical	Pass
2	4114.000	47.17	-5.86	74.0	26.83	Peak	76.00	400	Vertical	Pass
2**	4114.000	36.97	-5.86	54.0	17.03	AV	76.00	400	Vertical	Pass
3	5260.500	101.72	-3.00	--	--	Peak	137.00	100	Vertical	N/A
3**	5260.500	94.11	-3.00	--	--	AV	137.00	100	Vertical	N/A
4	7653.500	53.18	0.71	74.0	20.82	Peak	241.00	100	Vertical	Pass
4**	7653.500	43.06	0.71	54.0	10.94	AV	241.00	100	Vertical	Pass
5	12540.049	51.81	1.21	74.0	22.19	Peak	100.00	200	Vertical	Pass
5**	12540.049	42.43	1.21	54.0	11.57	AV	100.00	200	Vertical	Pass
6	16149.375	52.57	2.15	74.0	21.43	Peak	132.00	300	Vertical	Pass
6**	16149.375	43.68	2.15	54.0	10.32	AV	132.00	300	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	1553.400	38.05	-17.55	74.0	35.95	Peak	96.00	400	Horizontal	Pass
1**	1553.400	28.38	-17.55	54.0	25.62	AV	96.00	400	Horizontal	Pass
2	4260.750	46.71	-4.40	74.0	27.29	Peak	219.00	400	Horizontal	Pass
2**	4260.750	37.29	-4.40	54.0	16.71	AV	219.00	400	Horizontal	Pass
3	5302.250	108.92	-2.81	--	--	Peak	158.00	100	Horizontal	N/A
3**	5302.250	101.51	-2.81	--	--	AV	158.00	100	Horizontal	N/A
4	7368.750	53.56	0.87	74.0	20.44	Peak	360.00	400	Horizontal	Pass
4**	7368.750	43.91	0.87	54.0	10.09	AV	360.00	400	Horizontal	Pass
5	11791.688	51.57	-0.15	74.0	22.43	Peak	0.00	200	Horizontal	Pass
5**	11791.688	43.85	-0.15	54.0	10.15	AV	0.00	200	Horizontal	Pass
6	16155.938	53.33	2.11	74.0	20.67	Peak	159.00	300	Horizontal	Pass
6**	16155.938	43.96	2.11	54.0	10.04	AV	159.00	300	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	1444.600	38.84	-17.11	74.0	35.16	Peak	40.00	100	Vertical	Pass
1**	1444.600	28.70	-17.11	54.0	25.30	AV	40.00	100	Vertical	Pass
2	4299.000	46.89	-5.28	74.0	27.11	Peak	97.00	400	Vertical	Pass
2**	4299.000	36.88	-5.28	54.0	17.12	AV	97.00	400	Vertical	Pass
3	5298.000	103.01	-2.75	--	--	Peak	138.00	200	Vertical	N/A
3**	5298.000	95.38	-2.75	--	--	AV	138.00	200	Vertical	N/A
4	7583.750	53.10	1.16	74.0	20.90	Peak	118.00	400	Vertical	Pass
4**	7583.750	44.02	1.16	54.0	9.98	AV	118.00	400	Vertical	Pass
5	11790.500	52.02	-0.15	74.0	21.98	Peak	270.00	200	Vertical	Pass
5**	11790.500	42.89	-0.15	54.0	11.11	AV	270.00	200	Vertical	Pass
6	16159.088	53.39	2.09	74.0	20.61	Peak	0.00	400	Vertical	Pass
6**	16159.088	44.12	2.09	54.0	9.88	AV	0.00	400	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	1612.400	38.96	-16.81	74.0	35.04	Peak	67.00	200	Horizontal	Pass
1**	1612.400	29.32	-16.81	54.0	24.68	AV	67.00	200	Horizontal	Pass
2	4256.750	46.86	-4.12	74.0	27.14	Peak	77.00	400	Horizontal	Pass
2**	4256.750	38.12	-4.12	54.0	15.88	AV	77.00	400	Horizontal	Pass
3	5322.250	108.98	-3.03	--	--	Peak	160.00	200	Horizontal	N/A
3**	5322.250	101.54	-3.03	--	--	AV	160.00	200	Horizontal	N/A
4	7486.500	52.94	1.41	74.0	21.06	Peak	282.00	400	Horizontal	Pass
4**	7486.500	43.77	1.41	54.0	10.23	AV	282.00	400	Horizontal	Pass
5	11781.000	51.66	-0.16	74.0	22.34	Peak	187.00	150	Horizontal	Pass
5**	11781.000	43.06	-0.16	54.0	10.94	AV	187.00	150	Horizontal	Pass
6	16168.800	52.57	2.02	74.0	21.43	Peak	358.00	200	Horizontal	Pass
6**	16168.800	44.18	2.02	54.0	9.82	AV	358.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.700	38.19	-17.09	74.0	35.81	Peak	69.00	300	Vertical	Pass
1**	1568.700	29.01	-17.09	54.0	24.99	AV	69.00	300	Vertical	Pass
2	4260.500	46.42	-4.43	74.0	27.58	Peak	202.00	200	Vertical	Pass
2**	4260.500	37.65	-4.43	54.0	16.35	AV	202.00	200	Vertical	Pass
3	5321.250	101.83	-2.95	--	--	Peak	139.00	150	Vertical	N/A
3**	5321.250	94.06	-2.95	--	--	AV	139.00	150	Vertical	N/A
4	7490.750	52.44	1.51	74.0	21.56	Peak	78.00	300	Vertical	Pass
4**	7490.750	43.73	1.51	54.0	10.27	AV	78.00	300	Vertical	Pass
5	11777.200	52.23	-0.17	74.0	21.77	Peak	205.00	100	Vertical	Pass
5**	11777.200	42.48	-0.17	54.0	11.52	AV	205.00	100	Vertical	Pass
6	16077.450	52.57	1.45	74.0	21.43	Peak	229.00	300	Vertical	Pass
6**	16077.450	42.83	1.45	54.0	11.17	AV	229.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.200	38.31	-16.94	74.0	35.69	Peak	76.00	400	Horizontal	Pass
1**	1592.200	28.57	-16.94	54.0	25.43	AV	76.00	400	Horizontal	Pass
2	4368.000	46.95	-4.67	74.0	27.05	Peak	114.00	300	Horizontal	Pass
2**	4368.000	37.25	-4.67	54.0	16.75	AV	114.00	300	Horizontal	Pass
3	5258.500	107.87	-3.19	--	--	Peak	176.00	100	Horizontal	N/A
3**	5258.500	100.68	-3.19	--	--	AV	176.00	100	Horizontal	N/A
4	7333.750	53.18	0.09	74.0	20.82	Peak	321.00	300	Horizontal	Pass
4**	7333.750	43.03	0.09	54.0	10.97	AV	321.00	300	Horizontal	Pass
5	11696.213	51.60	-0.58	74.0	22.40	Peak	142.00	200	Horizontal	Pass
5**	11696.213	41.26	-0.58	54.0	12.74	AV	142.00	200	Horizontal	Pass
6	16175.887	53.14	1.98	74.0	20.86	Peak	139.00	200	Horizontal	Pass
6**	16175.887	43.52	1.98	54.0	10.48	AV	139.00	200	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	1574.900	38.00	-16.78	74.0	36.00	Peak	0.00	100	Vertical	Pass
1**	1574.900	28.77	-16.78	54.0	25.23	AV	0.00	100	Vertical	Pass
2	4398.500	47.00	-4.97	74.0	27.00	Peak	31.00	400	Vertical	Pass
2**	4398.500	37.54	-4.97	54.0	16.46	AV	31.00	400	Vertical	Pass
3	5259.000	101.89	-2.95	--	--	Peak	137.00	150	Vertical	N/A
3**	5259.000	94.08	-2.95	--	--	AV	137.00	150	Vertical	N/A
4	7566.250	52.74	0.51	74.0	21.26	Peak	116.00	200	Vertical	Pass
4**	7566.250	43.80	0.51	54.0	10.20	AV	116.00	200	Vertical	Pass
5	12317.987	52.21	0.66	74.0	21.79	Peak	0.00	150	Vertical	Pass
5**	12317.987	42.42	0.66	54.0	11.58	AV	0.00	150	Vertical	Pass
6	16189.013	53.60	1.89	74.0	20.40	Peak	210.00	200	Vertical	Pass
6**	16189.013	42.99	1.89	54.0	11.01	AV	210.00	200	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	1576.700	38.01	-16.94	74.0	35.99	Peak	245.00	300	Horizontal	Pass
1**	1576.700	28.65	-16.94	54.0	25.35	AV	245.00	300	Horizontal	Pass
2	4353.000	46.56	-4.55	74.0	27.44	Peak	241.00	200	Horizontal	Pass
2**	4353.000	37.28	-4.55	54.0	16.72	AV	241.00	200	Horizontal	Pass
3	5302.000	107.86	-2.77	--	--	Peak	157.00	100	Horizontal	N/A
3**	5302.000	100.90	-2.77	--	--	AV	157.00	100	Horizontal	N/A
4	7362.250	53.29	0.76	74.0	20.71	Peak	360.00	200	Horizontal	Pass
4**	7362.250	44.91	0.76	54.0	9.09	AV	360.00	200	Horizontal	Pass
5	12548.838	51.98	1.16	74.0	22.02	Peak	237.00	150	Horizontal	Pass
5**	12548.838	42.09	1.16	54.0	11.91	AV	237.00	150	Horizontal	Pass
6	16157.776	53.51	2.10	74.0	20.49	Peak	40.00	300	Horizontal	Pass
6**	16157.776	44.19	2.10	54.0	9.81	AV	40.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.200	38.29	-17.03	74.0	35.71	Peak	52.00	200	Vertical	Pass
1**	1457.200	28.70	-17.03	54.0	25.30	AV	52.00	200	Vertical	Pass
2	4280.250	46.73	-4.62	74.0	27.27	Peak	344.00	300	Vertical	Pass
2**	4280.250	38.54	-4.62	54.0	15.46	AV	344.00	300	Vertical	Pass
3	5298.000	101.38	-2.75	--	--	Peak	134.00	200	Vertical	N/A
3**	5298.000	93.39	-2.75	--	--	AV	134.00	200	Vertical	N/A
4	7475.500	52.69	0.72	74.0	21.31	Peak	51.00	200	Vertical	Pass
4**	7475.500	43.80	0.72	54.0	10.20	AV	51.00	200	Vertical	Pass
5	12570.687	51.76	0.79	74.0	22.24	Peak	176.00	200	Vertical	Pass
5**	12570.687	42.99	0.79	54.0	11.01	AV	176.00	200	Vertical	Pass
6	16172.213	52.60	2.00	74.0	21.40	Peak	27.00	200	Vertical	Pass
6**	16172.213	45.31	2.00	54.0	8.69	AV	27.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.400	39.21	-16.77	74.0	34.79	Peak	52.00	200	Horizontal	Pass
1**	1442.400	28.70	-16.77	54.0	25.30	AV	52.00	200	Horizontal	Pass
2	4184.250	46.54	-5.13	74.0	27.46	Peak	297.00	400	Horizontal	Pass
2**	4184.250	37.15	-5.13	54.0	16.85	AV	297.00	400	Horizontal	Pass
3	5321.250	108.38	-2.95	--	--	Peak	161.00	100	Horizontal	N/A
3**	5321.250	101.22	-2.95	--	--	AV	161.00	100	Horizontal	N/A
4	7369.750	53.09	0.85	74.0	20.91	Peak	95.00	400	Horizontal	Pass
4**	7369.750	43.53	0.85	54.0	10.47	AV	95.00	400	Horizontal	Pass
5	11768.651	51.61	-0.18	74.0	22.39	Peak	145.00	150	Horizontal	Pass
5**	11768.651	43.00	-0.18	54.0	11.00	AV	145.00	150	Horizontal	Pass
6	16168.275	52.92	2.03	74.0	21.08	Peak	192.00	300	Horizontal	Pass
6**	16168.275	43.81	2.03	54.0	10.19	AV	192.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.800	38.13	-16.96	74.0	35.87	Peak	191.00	300	Vertical	Pass
1**	1499.800	28.98	-16.96	54.0	25.02	AV	191.00	300	Vertical	Pass
2	4287.000	47.61	-4.67	74.0	26.39	Peak	146.00	300	Vertical	Pass
2**	4287.000	37.94	-4.67	54.0	16.06	AV	146.00	300	Vertical	Pass
3	5321.250	100.68	-2.95	--	--	Peak	124.00	100	Vertical	N/A
3**	5321.250	93.72	-2.95	--	--	AV	124.00	100	Vertical	N/A
4	7485.000	52.56	1.23	74.0	21.44	Peak	188.00	300	Vertical	Pass
4**	7485.000	44.66	1.23	54.0	9.34	AV	188.00	300	Vertical	Pass
5	11802.375	51.31	-0.17	74.0	22.69	Peak	267.00	150	Vertical	Pass
5**	11802.375	43.46	-0.17	54.0	10.54	AV	267.00	150	Vertical	Pass
6	16156.724	52.73	2.11	74.0	21.27	Peak	275.00	400	Vertical	Pass
6**	16156.724	44.77	2.11	54.0	9.23	AV	275.00	400	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	1449.100	39.04	-17.00	74.0	34.96	Peak	360.00	400	Horizontal	Pass
1**	1449.100	30.22	-17.00	54.0	23.78	AV	360.00	400	Horizontal	Pass
2	4363.500	46.65	-4.91	74.0	27.35	Peak	5.00	300	Horizontal	Pass
2**	4363.500	37.48	-4.91	54.0	16.52	AV	5.00	300	Horizontal	Pass
3	5272.250	104.57	-2.70	--	--	Peak	173.00	200	Horizontal	N/A
3**	5272.250	97.10	-2.70	--	--	AV	173.00	200	Horizontal	N/A
4	7350.750	53.01	0.17	74.0	20.99	Peak	215.00	300	Horizontal	Pass
4**	7350.750	42.84	0.17	54.0	11.16	AV	215.00	300	Horizontal	Pass
5	12547.651	52.15	1.16	74.0	21.85	Peak	201.00	100	Horizontal	Pass
5**	12547.651	42.31	1.16	54.0	11.69	AV	201.00	100	Horizontal	Pass
6	16172.474	53.00	2.00	74.0	21.00	Peak	266.00	400	Horizontal	Pass
6**	16172.474	44.13	2.00	54.0	9.87	AV	266.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1603.700	38.07	-16.83	74.0	35.93	Peak	260.00	200	Vertical	Pass
1**	1603.700	28.87	-16.83	54.0	25.13	AV	260.00	200	Vertical	Pass
2	4323.750	46.66	-4.99	74.0	27.34	Peak	213.00	300	Vertical	Pass
2**	4323.750	37.77	-4.99	54.0	16.23	AV	213.00	300	Vertical	Pass
3	5268.250	98.20	-2.77	--	--	Peak	129.00	200	Vertical	N/A
3**	5268.250	90.57	-2.77	--	--	AV	129.00	200	Vertical	N/A
4	7481.750	53.27	0.78	74.0	20.73	Peak	258.00	300	Vertical	Pass
4**	7481.750	43.31	0.78	54.0	10.69	AV	258.00	300	Vertical	Pass
5	12564.275	52.03	0.90	74.0	21.97	Peak	344.00	200	Vertical	Pass
5**	12564.275	41.61	0.90	54.0	12.39	AV	344.00	200	Vertical	Pass
6	16175.625	52.93	1.98	74.0	21.07	Peak	360.00	100	Vertical	Pass
6**	16175.625	43.77	1.98	54.0	10.23	AV	360.00	100	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	1602.000	38.34	-16.95	74.0	35.66	Peak	353.00	100	Horizontal	Pass
1**	1602.000	28.26	-16.95	54.0	25.74	AV	353.00	100	Horizontal	Pass
2	4251.500	46.75	-4.52	74.0	27.25	Peak	51.00	200	Horizontal	Pass
2**	4251.500	37.77	-4.52	54.0	16.23	AV	51.00	200	Horizontal	Pass
3	5305.000	104.73	-2.89	--	--	Peak	153.00	200	Horizontal	N/A
3**	5305.000	96.57	-2.89	--	--	AV	153.00	200	Horizontal	N/A
4	7714.750	53.37	1.62	74.0	20.63	Peak	29.00	400	Horizontal	Pass
4**	7714.750	42.87	1.62	54.0	11.13	AV	29.00	400	Horizontal	Pass
5	12568.549	51.86	0.82	74.0	22.14	Peak	194.00	100	Horizontal	Pass
5**	12568.549	42.91	0.82	54.0	11.09	AV	194.00	100	Horizontal	Pass
6	16178.775	52.99	1.96	74.0	21.01	Peak	360.00	200	Horizontal	Pass
6**	16178.775	43.83	1.96	54.0	10.17	AV	360.00	200	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	1604.000	38.68	-16.82	74.0	35.32	Peak	257.00	400	Vertical	Pass
1**	1604.000	28.39	-16.82	54.0	25.61	AV	257.00	400	Vertical	Pass
2	4234.000	46.87	-5.00	74.0	27.13	Peak	159.00	300	Vertical	Pass
2**	4234.000	37.17	-5.00	54.0	16.83	AV	159.00	300	Vertical	Pass
3	5311.750	96.66	-3.20	--	--	Peak	118.00	200	Vertical	N/A
3**	5311.750	89.16	-3.20	--	--	AV	118.00	200	Vertical	N/A
4	7485.500	53.18	1.35	74.0	20.82	Peak	220.00	300	Vertical	Pass
4**	7485.500	43.76	1.35	54.0	10.24	AV	220.00	300	Vertical	Pass
5	12560.713	52.08	0.96	74.0	21.92	Peak	268.00	100	Vertical	Pass
5**	12560.713	42.15	0.96	54.0	11.85	AV	268.00	100	Vertical	Pass
6	16165.913	53.48	2.04	74.0	20.52	Peak	334.00	300	Vertical	Pass
6**	16165.913	44.06	2.04	54.0	9.94	AV	334.00	300	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	1560.600	38.26	-17.37	74.0	35.74	Peak	0.00	400	Horizontal	Pass
1**	1560.600	28.75	-17.37	54.0	25.25	AV	0.00	400	Horizontal	Pass
2	4357.000	47.13	-4.64	74.0	26.87	Peak	0.00	200	Horizontal	Pass
2**	4357.000	37.60	-4.64	54.0	16.40	AV	0.00	200	Horizontal	Pass
3	5262.750	107.88	-3.07	--	--	Peak	156.00	150	Horizontal	N/A
3**	5262.750	99.74	-3.07	--	--	AV	156.00	150	Horizontal	N/A
4	7358.500	52.92	0.90	74.0	21.08	Peak	0.00	200	Horizontal	Pass
4**	7358.500	44.46	0.90	54.0	9.54	AV	0.00	200	Horizontal	Pass
5	12274.288	51.90	0.84	74.0	22.10	Peak	197.00	200	Horizontal	Pass
5**	12274.288	42.29	0.84	54.0	11.71	AV	197.00	200	Horizontal	Pass
6	16102.651	53.12	1.77	74.0	20.88	Peak	75.00	200	Horizontal	Pass
6**	16102.651	43.25	1.77	54.0	10.75	AV	75.00	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	1604.100	38.68	-16.83	74.0	35.32	Peak	31.00	400	Vertical	Pass
1**	1604.100	28.33	-16.83	54.0	25.67	AV	31.00	400	Vertical	Pass
2	4151.000	47.05	-5.44	74.0	26.95	Peak	266.00	100	Vertical	Pass
2**	4151.000	37.79	-5.44	54.0	16.21	AV	266.00	100	Vertical	Pass
3	5262.250	101.28	-3.08	--	--	Peak	119.00	150	Vertical	N/A
3**	5262.250	94.13	-3.08	--	--	AV	119.00	150	Vertical	N/A
4	7641.750	53.60	0.58	74.0	20.40	Peak	170.00	100	Vertical	Pass
4**	7641.750	43.61	0.58	54.0	10.39	AV	170.00	100	Vertical	Pass
5	11801.900	52.09	-0.17	74.0	21.91	Peak	255.00	100	Vertical	Pass
5**	11801.900	43.32	-0.17	54.0	10.68	AV	255.00	100	Vertical	Pass
6	16150.950	53.60	2.15	74.0	20.40	Peak	331.00	400	Vertical	Pass
6**	16150.950	43.87	2.15	54.0	10.13	AV	331.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1448.900	38.10	-17.04	74.0	35.90	Peak	291.00	200	Horizontal	Pass
1**	1448.900	28.60	-17.04	54.0	25.40	AV	291.00	200	Horizontal	Pass
2	4374.000	46.95	-5.13	74.0	27.05	Peak	17.00	100	Horizontal	Pass
2**	4374.000	37.85	-5.13	54.0	16.15	AV	17.00	100	Horizontal	Pass
3	5302.000	107.93	-2.77	--	--	Peak	149.00	200	Horizontal	N/A
3**	5302.000	100.68	-2.77	--	--	AV	149.00	200	Horizontal	N/A
4	7353.500	53.02	0.34	74.0	20.98	Peak	192.00	400	Horizontal	Pass
4**	7353.500	43.59	0.34	54.0	10.41	AV	192.00	400	Horizontal	Pass
5	12530.787	51.90	1.26	74.0	22.10	Peak	240.00	200	Horizontal	Pass
5**	12530.787	42.16	1.26	54.0	11.84	AV	240.00	200	Horizontal	Pass
6	16094.513	52.50	1.68	74.0	21.50	Peak	161.00	400	Horizontal	Pass
6**	16094.513	43.08	1.68	54.0	10.92	AV	161.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1577.400	38.93	-17.18	74.0	35.07	Peak	143.00	100	Vertical	Pass
1**	1577.400	28.52	-17.18	54.0	25.48	AV	143.00	100	Vertical	Pass
2	4351.500	47.56	-4.51	74.0	26.44	Peak	197.00	400	Vertical	Pass
2**	4351.500	38.15	-4.51	54.0	15.85	AV	197.00	400	Vertical	Pass
3	5297.250	101.38	-2.70	--	--	Peak	126.00	150	Vertical	N/A
3**	5297.250	93.11	-2.70	--	--	AV	126.00	150	Vertical	N/A
4	7373.000	52.80	0.83	74.0	21.20	Peak	174.00	400	Vertical	Pass
4**	7373.000	42.63	0.83	54.0	11.37	AV	174.00	400	Vertical	Pass
5	12420.588	52.31	1.08	74.0	21.69	Peak	360.00	100	Vertical	Pass
5**	12420.588	41.89	1.08	54.0	12.11	AV	360.00	100	Vertical	Pass
6	16162.500	52.87	2.07	74.0	21.13	Peak	116.00	200	Vertical	Pass
6**	16162.500	43.98	2.07	54.0	10.02	AV	116.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1446.600	38.47	-17.05	74.0	35.53	Peak	3.00	400	Horizontal	Pass
1**	1446.600	29.16	-17.05	54.0	24.84	AV	3.00	400	Horizontal	Pass
2	4345.750	46.72	-4.80	74.0	27.28	Peak	264.00	100	Horizontal	Pass
2**	4345.750	37.51	-4.80	54.0	16.49	AV	264.00	100	Horizontal	Pass
3	5322.500	107.97	-3.06	--	--	Peak	164.00	200	Horizontal	N/A
3**	5322.500	100.66	-3.06	--	--	AV	164.00	200	Horizontal	N/A
4	7357.500	52.50	0.68	74.0	21.50	Peak	27.00	400	Horizontal	Pass
4**	7357.500	44.49	0.68	54.0	9.51	AV	27.00	400	Horizontal	Pass
5	11801.425	52.63	-0.16	74.0	21.37	Peak	79.00	150	Horizontal	Pass
5**	11801.425	43.27	-0.16	54.0	10.73	AV	79.00	150	Horizontal	Pass
6	16155.675	53.47	2.11	74.0	20.53	Peak	156.00	300	Horizontal	Pass
6**	16155.675	44.20	2.11	54.0	9.80	AV	156.00	300	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	1446.700	38.43	-17.02	74.0	35.57	Peak	0.00	100	Vertical	Pass
1**	1446.700	28.86	-17.02	54.0	25.14	AV	0.00	100	Vertical	Pass
2	4399.500	46.25	-4.86	74.0	27.75	Peak	344.00	300	Vertical	Pass
2**	4399.500	36.96	-4.86	54.0	17.04	AV	344.00	300	Vertical	Pass
3	5321.250	100.92	-2.95	--	--	Peak	137.00	150	Vertical	N/A
3**	5321.250	93.47	-2.95	--	--	AV	137.00	150	Vertical	N/A
4	7492.250	53.45	1.23	74.0	20.55	Peak	200.00	400	Vertical	Pass
4**	7492.250	43.32	1.23	54.0	10.68	AV	200.00	400	Vertical	Pass
5	11545.638	51.43	-1.18	74.0	22.57	Peak	141.00	150	Vertical	Pass
5**	11545.638	41.43	-1.18	54.0	12.57	AV	141.00	150	Vertical	Pass
6	16178.250	52.77	1.96	74.0	21.23	Peak	197.00	200	Vertical	Pass
6**	16178.250	43.92	1.96	54.0	10.08	AV	197.00	200	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	1624.700	38.37	-16.98	74.0	35.63	Peak	253.00	200	Horizontal	Pass
1**	1624.700	28.97	-16.98	54.0	25.03	AV	253.00	200	Horizontal	Pass
2	4109.500	46.25	-5.66	74.0	27.75	Peak	195.00	100	Horizontal	Pass
2**	4109.500	37.27	-5.66	54.0	16.73	AV	195.00	100	Horizontal	Pass
3	5272.500	105.01	-2.69	--	--	Peak	154.00	200	Horizontal	N/A
3**	5272.500	97.70	-2.69	--	--	AV	154.00	200	Horizontal	N/A
4	7718.500	53.25	0.81	74.0	20.75	Peak	300.00	300	Horizontal	Pass
4**	7718.500	42.94	0.81	54.0	11.06	AV	300.00	300	Horizontal	Pass
5	11773.638	51.70	-0.17	74.0	22.30	Peak	234.00	150	Horizontal	Pass
5**	11773.638	42.52	-0.17	54.0	11.48	AV	234.00	150	Horizontal	Pass
6	16179.299	53.00	1.95	74.0	21.00	Peak	360.00	100	Horizontal	Pass
6**	16179.299	44.07	1.95	54.0	9.93	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.400	38.01	-17.06	74.0	35.99	Peak	60.00	400	Vertical	Pass
1**	1457.400	28.25	-17.06	54.0	25.75	AV	60.00	400	Vertical	Pass
2	4000.500	46.30	-5.79	74.0	27.70	Peak	0.00	100	Vertical	Pass
2**	4000.500	37.03	-5.79	54.0	16.97	AV	0.00	100	Vertical	Pass
3	5268.000	98.48	-2.68	--	--	Peak	134.00	100	Vertical	N/A
3**	5268.000	90.91	-2.68	--	--	AV	134.00	100	Vertical	N/A
4	7693.750	52.30	1.02	74.0	21.70	Peak	251.00	300	Vertical	Pass
4**	7693.750	42.65	1.02	54.0	11.35	AV	251.00	300	Vertical	Pass
5	11934.662	51.57	-0.62	74.0	22.43	Peak	123.00	150	Vertical	Pass
5**	11934.662	40.95	-0.62	54.0	13.05	AV	123.00	150	Vertical	Pass
6	15828.076	53.56	1.38	74.0	20.44	Peak	232.00	300	Vertical	Pass
6**	15828.076	42.53	1.38	54.0	11.47	AV	232.00	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	1540.300	38.02	-17.18	74.0	35.98	Peak	174.00	300	Horizontal	Pass
1**	1540.300	29.62	-17.18	54.0	24.38	AV	174.00	300	Horizontal	Pass
2	4350.500	46.67	-4.54	74.0	27.33	Peak	322.00	200	Horizontal	Pass
2**	4350.500	37.87	-4.54	54.0	16.13	AV	322.00	200	Horizontal	Pass
3	5307.000	104.61	-2.89	--	--	Peak	154.00	150	Horizontal	N/A
3**	5307.000	97.79	-2.89	--	--	AV	154.00	150	Horizontal	N/A
4	7712.750	52.95	1.76	74.0	21.05	Peak	260.00	300	Horizontal	Pass
4**	7712.750	42.96	1.76	54.0	11.04	AV	260.00	300	Horizontal	Pass
5	11764.375	51.81	-0.18	74.0	22.19	Peak	308.00	200	Horizontal	Pass
5**	11764.375	42.14	-0.18	54.0	11.86	AV	308.00	200	Horizontal	Pass
6	16174.838	53.15	1.98	74.0	20.85	Peak	52.00	300	Horizontal	Pass
6**	16174.838	44.40	1.98	54.0	9.60	AV	52.00	300	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	1495.700	38.63	-17.06	74.0	35.37	Peak	335.00	200	Vertical	Pass
1**	1495.700	28.87	-17.06	54.0	25.13	AV	335.00	200	Vertical	Pass
2	4273.500	46.96	-4.74	74.0	27.04	Peak	190.00	200	Vertical	Pass
2**	4273.500	38.12	-4.74	54.0	15.88	AV	190.00	200	Vertical	Pass
3	5311.750	97.53	-3.20	--	--	Peak	124.00	200	Vertical	N/A
3**	5311.750	89.68	-3.20	--	--	AV	124.00	200	Vertical	N/A
4	7359.750	52.96	0.94	74.0	21.04	Peak	0.00	200	Vertical	Pass
4**	7359.750	44.08	0.94	54.0	9.92	AV	0.00	200	Vertical	Pass
5	12545.037	51.48	1.18	74.0	22.52	Peak	223.00	200	Vertical	Pass
5**	12545.037	42.51	1.18	54.0	11.49	AV	223.00	200	Vertical	Pass
6	16159.088	52.70	2.09	74.0	21.30	Peak	117.00	200	Vertical	Pass
6**	16159.088	43.82	2.09	54.0	10.18	AV	117.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.900	38.15	-17.08	74.0	35.85	Peak	317.00	200	Horizontal	Pass
1**	1535.900	29.74	-17.08	54.0	24.26	AV	317.00	200	Horizontal	Pass
2	4341.750	46.60	-4.74	74.0	27.40	Peak	0.00	100	Horizontal	Pass
2**	4341.750	37.53	-4.74	54.0	16.47	AV	0.00	100	Horizontal	Pass
3	5296.500	101.64	-2.81	--	--	Peak	166.00	150	Horizontal	N/A
3**	5296.500	93.95	-2.81	--	--	AV	166.00	150	Horizontal	N/A
4	7353.500	52.61	0.34	74.0	21.39	Peak	32.00	300	Horizontal	Pass
4**	7353.500	43.76	0.34	54.0	10.24	AV	32.00	300	Horizontal	Pass
5	12348.151	51.40	0.84	74.0	22.60	Peak	191.00	100	Horizontal	Pass
5**	12348.151	42.71	0.84	54.0	11.29	AV	191.00	100	Horizontal	Pass
6	16179.562	53.01	1.95	74.0	20.99	Peak	215.00	300	Horizontal	Pass
6**	16179.562	43.39	1.95	54.0	10.61	AV	215.00	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	1452.900	38.31	-16.97	74.0	35.69	Peak	360.00	200	Vertical	Pass
1**	1452.900	28.45	-16.97	54.0	25.55	AV	360.00	200	Vertical	Pass
2	4365.250	46.59	-4.63	74.0	27.41	Peak	280.00	100	Vertical	Pass
2**	4365.250	37.72	-4.63	54.0	16.28	AV	280.00	100	Vertical	Pass
3	5293.250	94.81	-2.69	--	--	Peak	129.00	150	Vertical	N/A
3**	5293.250	87.28	-2.69	--	--	AV	129.00	150	Vertical	N/A
4	7535.000	53.05	0.26	74.0	20.95	Peak	322.00	200	Vertical	Pass
4**	7535.000	41.95	0.26	54.0	12.05	AV	322.00	200	Vertical	Pass
5	12560.713	51.49	0.96	74.0	22.51	Peak	35.00	150	Vertical	Pass
5**	12560.713	42.05	0.96	54.0	11.95	AV	35.00	150	Vertical	Pass
6	16169.588	52.68	2.02	74.0	21.32	Peak	339.00	200	Vertical	Pass
6**	16169.588	43.68	2.02	54.0	10.32	AV	339.00	200	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	1597.300	38.06	-16.95	74.0	35.94	Peak	184.00	100	Horizontal	Pass
1**	1597.300	28.73	-16.95	54.0	25.27	AV	184.00	100	Horizontal	Pass
2	4256.000	46.44	-4.07	74.0	27.56	Peak	0.00	100	Horizontal	Pass
2**	4256.000	37.24	-4.07	54.0	16.76	AV	0.00	100	Horizontal	Pass
3	5501.000	107.05	-2.83	--	--	Peak	149.00	200	Horizontal	N/A
3**	5501.000	99.86	-2.83	--	--	AV	149.00	200	Horizontal	N/A
4	7411.000	52.83	0.60	74.0	21.17	Peak	214.00	400	Horizontal	Pass
4**	7411.000	41.88	0.60	54.0	12.12	AV	214.00	400	Horizontal	Pass
5	11794.062	51.46	-0.15	74.0	22.54	Peak	18.00	100	Horizontal	Pass
5**	11794.062	42.27	-0.15	54.0	11.73	AV	18.00	100	Horizontal	Pass
6	16179.826	52.96	1.95	74.0	21.04	Peak	317.00	300	Horizontal	Pass
6**	16179.826	43.76	1.95	54.0	10.24	AV	317.00	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	1486.700	38.26	-17.02	74.0	35.74	Peak	148.00	400	Vertical	Pass
1**	1486.700	28.27	-17.02	54.0	25.73	AV	148.00	400	Vertical	Pass
2	4057.750	46.72	-5.51	74.0	27.28	Peak	0.00	400	Vertical	Pass
2**	4057.750	36.81	-5.51	54.0	17.19	AV	0.00	400	Vertical	Pass
3	5501.000	101.06	-2.83	--	--	Peak	122.00	200	Vertical	N/A
3**	5501.000	93.37	-2.83	--	--	AV	122.00	200	Vertical	N/A
4	7622.250	52.65	0.09	74.0	21.35	Peak	144.00	100	Vertical	Pass
4**	7622.250	42.87	0.09	54.0	11.13	AV	144.00	100	Vertical	Pass
5	12555.963	51.45	1.05	74.0	22.55	Peak	2.00	100	Vertical	Pass
5**	12555.963	42.56	1.05	54.0	11.44	AV	2.00	100	Vertical	Pass
6	16161.974	53.27	2.07	74.0	20.73	Peak	151.00	100	Vertical	Pass
6**	16161.974	43.57	2.07	54.0	10.43	AV	151.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.600	38.48	-17.03	74.0	35.52	Peak	186.00	300	Horizontal	Pass
1**	1479.600	28.75	-17.03	54.0	25.25	AV	186.00	300	Horizontal	Pass
2	4353.250	46.72	-4.60	74.0	27.28	Peak	8.00	300	Horizontal	Pass
2**	4353.250	38.40	-4.60	54.0	15.60	AV	8.00	300	Horizontal	Pass
3	5581.500	108.56	-1.94	--	--	Peak	153.00	150	Horizontal	N/A
3**	5581.500	101.54	-1.94	--	--	AV	153.00	150	Horizontal	N/A
4	7737.750	53.22	0.17	74.0	20.78	Peak	66.00	100	Horizontal	Pass
4**	7737.750	43.25	0.17	54.0	10.75	AV	66.00	100	Horizontal	Pass
5	11784.800	51.57	-0.16	74.0	22.43	Peak	174.00	150	Horizontal	Pass
5**	11784.800	42.69	-0.16	54.0	11.31	AV	174.00	150	Horizontal	Pass
6	16163.812	52.97	2.06	74.0	21.03	Peak	8.00	300	Horizontal	Pass
6**	16163.812	43.81	2.06	54.0	10.19	AV	8.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.100	37.77	-17.11	74.0	36.23	Peak	157.00	200	Vertical	Pass
1**	1584.100	29.01	-17.11	54.0	24.99	AV	157.00	200	Vertical	Pass
2	4367.250	46.86	-4.78	74.0	27.14	Peak	235.00	300	Vertical	Pass
2**	4367.250	37.49	-4.78	54.0	16.51	AV	235.00	300	Vertical	Pass
3	5578.750	102.95	-2.08	--	--	Peak	132.00	200	Vertical	N/A
3**	5578.750	95.71	-2.08	--	--	AV	132.00	200	Vertical	N/A
4	7422.750	53.07	1.46	74.0	20.93	Peak	59.00	400	Vertical	Pass
4**	7422.750	43.28	1.46	54.0	10.72	AV	59.00	400	Vertical	Pass
5	12328.674	52.76	0.72	74.0	21.24	Peak	120.00	200	Vertical	Pass
5**	12328.674	42.47	0.72	54.0	11.53	AV	120.00	200	Vertical	Pass
6	16167.487	53.15	2.03	74.0	20.85	Peak	360.00	200	Vertical	Pass
6**	16167.487	43.70	2.03	54.0	10.30	AV	360.00	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	1471.700	39.00	-16.99	74.0	35.00	Peak	261.00	400	Horizontal	Pass
1**	1471.700	28.97	-16.99	54.0	25.03	AV	261.00	400	Horizontal	Pass
2	4294.250	46.83	-4.64	74.0	27.17	Peak	322.00	300	Horizontal	Pass
2**	4294.250	37.22	-4.64	54.0	16.78	AV	322.00	300	Horizontal	Pass
3	5701.250	107.57	-2.33	--	--	Peak	20.00	150	Horizontal	N/A
3**	5701.250	100.94	-2.33	--	--	AV	20.00	150	Horizontal	N/A
4	7451.500	52.77	0.59	74.0	21.23	Peak	360.00	400	Horizontal	Pass
4**	7451.500	42.83	0.59	54.0	11.17	AV	360.00	400	Horizontal	Pass
5	12537.675	52.19	1.22	74.0	21.81	Peak	191.00	100	Horizontal	Pass
5**	12537.675	42.44	1.22	54.0	11.56	AV	191.00	100	Horizontal	Pass
6	16163.812	52.45	2.06	74.0	21.55	Peak	347.00	200	Horizontal	Pass
6**	16163.812	43.64	2.06	54.0	10.36	AV	347.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.600	38.64	-16.75	74.0	35.36	Peak	351.00	300	Vertical	Pass
1**	1612.600	28.21	-16.75	54.0	25.79	AV	351.00	300	Vertical	Pass
2	4040.500	46.45	-5.53	74.0	27.55	Peak	234.00	400	Vertical	Pass
2**	4040.500	36.09	-5.53	54.0	17.91	AV	234.00	400	Vertical	Pass
3	5698.250	101.93	-2.31	--	--	Peak	256.00	100	Vertical	N/A
3**	5698.250	93.53	-2.31	--	--	AV	256.00	100	Vertical	N/A
4	7587.500	53.39	0.88	74.0	20.61	Peak	144.00	400	Vertical	Pass
4**	7587.500	43.58	0.88	54.0	10.42	AV	144.00	400	Vertical	Pass
5	12567.363	51.57	0.84	74.0	22.43	Peak	258.00	150	Vertical	Pass
5**	12567.363	42.38	0.84	54.0	11.62	AV	258.00	150	Vertical	Pass
6	16180.088	53.24	1.95	74.0	20.76	Peak	65.00	300	Vertical	Pass
6**	16180.088	45.06	1.95	54.0	8.94	AV	65.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.300	38.78	-16.72	74.0	35.22	Peak	3.00	300	Horizontal	Pass
1**	1613.300	29.54	-16.72	54.0	24.46	AV	3.00	300	Horizontal	Pass
2	4362.000	46.46	-4.76	74.0	27.54	Peak	360.00	200	Horizontal	Pass
2**	4362.000	37.69	-4.76	54.0	16.31	AV	360.00	200	Horizontal	Pass
3	5499.250	105.77	-2.71	--	--	Peak	159.00	150	Horizontal	N/A
3**	5499.250	99.65	-2.71	--	--	AV	159.00	150	Horizontal	N/A
4	7600.500	53.00	0.91	74.0	21.00	Peak	115.00	100	Horizontal	Pass
4**	7600.500	42.82	0.91	54.0	11.18	AV	115.00	100	Horizontal	Pass
5	12281.888	51.96	0.75	74.0	22.04	Peak	197.00	100	Horizontal	Pass
5**	12281.888	41.90	0.75	54.0	12.10	AV	197.00	100	Horizontal	Pass
6	16165.387	52.54	2.05	74.0	21.46	Peak	121.00	100	Horizontal	Pass
6**	16165.387	44.52	2.05	54.0	9.48	AV	121.00	100	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	1581.400	38.01	-16.89	74.0	35.99	Peak	0.00	400	Vertical	Pass
1**	1581.400	28.53	-16.89	54.0	25.47	AV	0.00	400	Vertical	Pass
2	4358.000	46.93	-4.58	74.0	27.07	Peak	3.00	200	Vertical	Pass
2**	4358.000	37.36	-4.58	54.0	16.64	AV	3.00	200	Vertical	Pass
3	5501.500	100.31	-2.83	--	--	Peak	117.00	100	Vertical	N/A
3**	5501.500	92.65	-2.83	--	--	AV	117.00	100	Vertical	N/A
4	7490.250	53.07	1.43	74.0	20.93	Peak	161.00	100	Vertical	Pass
4**	7490.250	43.74	1.43	54.0	10.26	AV	161.00	100	Vertical	Pass
5	11414.537	51.56	-1.65	74.0	22.44	Peak	224.00	100	Vertical	Pass
5**	11414.537	40.55	-1.65	54.0	13.45	AV	224.00	100	Vertical	Pass
6	16173.525	53.12	1.99	74.0	20.88	Peak	1.00	200	Vertical	Pass
6**	16173.525	44.04	1.99	54.0	9.96	AV	1.00	200	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	1441.200	37.63	-16.74	74.0	36.37	Peak	79.00	400	Horizontal	Pass
1**	1441.200	28.46	-16.74	54.0	25.54	AV	79.00	400	Horizontal	Pass
2	4292.750	46.80	-4.73	74.0	27.20	Peak	214.00	300	Horizontal	Pass
2**	4292.750	37.70	-4.73	54.0	16.30	AV	214.00	300	Horizontal	Pass
3	5578.500	107.41	-2.10	--	--	Peak	151.00	150	Horizontal	N/A
3**	5578.500	100.09	-2.10	--	--	AV	151.00	150	Horizontal	N/A
4	7479.500	53.04	0.83	74.0	20.96	Peak	300.00	100	Horizontal	Pass
4**	7479.500	44.10	0.83	54.0	9.90	AV	300.00	100	Horizontal	Pass
5	12526.987	51.86	1.28	74.0	22.14	Peak	181.00	200	Horizontal	Pass
5**	12526.987	41.96	1.28	54.0	12.04	AV	181.00	200	Horizontal	Pass
6	16159.088	52.79	2.09	74.0	21.21	Peak	53.00	400	Horizontal	Pass
6**	16159.088	44.86	2.09	54.0	9.14	AV	53.00	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	1481.000	38.02	-16.75	74.0	35.98	Peak	108.00	200	Vertical	Pass
1**	1481.000	29.46	-16.75	54.0	24.54	AV	108.00	200	Vertical	Pass
2	4351.250	46.53	-4.39	74.0	27.47	Peak	54.00	300	Vertical	Pass
2**	4351.250	37.98	-4.39	54.0	16.02	AV	54.00	300	Vertical	Pass
3	5577.500	101.00	-2.00	--	--	Peak	117.00	150	Vertical	N/A
3**	5577.500	92.85	-2.00	--	--	AV	117.00	150	Vertical	N/A
4	7360.000	52.61	0.78	74.0	21.39	Peak	240.00	200	Vertical	Pass
4**	7360.000	44.11	0.78	54.0	9.89	AV	240.00	200	Vertical	Pass
5	11774.825	51.93	-0.17	74.0	22.07	Peak	227.00	150	Vertical	Pass
5**	11774.825	42.00	-0.17	54.0	12.00	AV	227.00	150	Vertical	Pass
6	16157.250	52.63	2.10	74.0	21.37	Peak	349.00	400	Vertical	Pass
6**	16157.250	43.87	2.10	54.0	10.13	AV	349.00	400	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	1613.300	38.09	-16.72	74.0	35.91	Peak	208.00	100	Horizontal	Pass
1**	1613.300	28.70	-16.72	54.0	25.30	AV	208.00	100	Horizontal	Pass
2	4236.250	46.22	-5.34	74.0	27.78	Peak	52.00	200	Horizontal	Pass
2**	4236.250	37.03	-5.34	54.0	16.97	AV	52.00	200	Horizontal	Pass
3	5701.750	106.17	-2.44	--	--	Peak	32.00	200	Horizontal	N/A
3**	5701.750	99.17	-2.44	--	--	AV	32.00	200	Horizontal	N/A
4	7631.500	53.13	0.11	74.0	20.87	Peak	218.00	400	Horizontal	Pass
4**	7631.500	43.63	0.11	54.0	10.37	AV	218.00	400	Horizontal	Pass
5	12519.625	51.60	1.33	74.0	22.40	Peak	359.00	200	Horizontal	Pass
5**	12519.625	42.80	1.33	54.0	11.20	AV	359.00	200	Horizontal	Pass
6	16155.150	53.01	2.12	74.0	20.99	Peak	319.00	300	Horizontal	Pass
6**	16155.150	43.82	2.12	54.0	10.18	AV	319.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.100	38.81	-16.98	74.0	35.19	Peak	52.00	400	Vertical	Pass
1**	1501.100	28.50	-16.98	54.0	25.50	AV	52.00	400	Vertical	Pass
2	4258.250	47.14	-4.07	74.0	26.86	Peak	117.00	200	Vertical	Pass
2**	4258.250	37.74	-4.07	54.0	16.26	AV	117.00	200	Vertical	Pass
3	5701.250	99.90	-2.33	--	--	Peak	261.00	150	Vertical	N/A
3**	5701.250	91.87	-2.33	--	--	AV	261.00	150	Vertical	N/A
4	7469.500	53.42	0.00	74.0	20.58	Peak	0.00	400	Vertical	Pass
4**	7469.500	42.67	0.00	54.0	11.33	AV	0.00	400	Vertical	Pass
5	11788.599	51.76	-0.16	74.0	22.24	Peak	71.00	100	Vertical	Pass
5**	11788.599	42.05	-0.16	54.0	11.95	AV	71.00	100	Vertical	Pass
6	16181.401	52.85	1.94	74.0	21.15	Peak	304.00	100	Vertical	Pass
6**	16181.401	44.46	1.94	54.0	9.54	AV	304.00	100	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	1511.900	38.37	-16.59	74.0	35.63	Peak	151.00	300	Horizontal	Pass
1**	1511.900	29.08	-16.59	54.0	24.92	AV	151.00	300	Horizontal	Pass
2	4313.500	47.50	-5.32	74.0	26.50	Peak	79.00	100	Horizontal	Pass
2**	4313.500	37.36	-5.32	54.0	16.64	AV	79.00	100	Horizontal	Pass
3	5507.500	102.71	-3.21	--	--	Peak	151.00	200	Horizontal	N/A
3**	5507.500	95.05	-3.21	--	--	AV	151.00	200	Horizontal	N/A
4	7710.750	53.46	1.87	74.0	20.54	Peak	258.00	100	Horizontal	Pass
4**	7710.750	43.46	1.87	54.0	10.54	AV	258.00	100	Horizontal	Pass
5	12523.662	51.81	1.30	74.0	22.19	Peak	82.00	200	Horizontal	Pass
5**	12523.662	42.26	1.30	54.0	11.74	AV	82.00	200	Horizontal	Pass
6	16163.550	53.52	2.06	74.0	20.48	Peak	47.00	300	Horizontal	Pass
6**	16163.550	44.36	2.06	54.0	9.64	AV	47.00	300	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	1514.200	38.43	-17.06	74.0	35.57	Peak	0.00	100	Vertical	Pass
1**	1514.200	28.95	-17.06	54.0	25.05	AV	0.00	100	Vertical	Pass
2	4246.750	46.66	-4.40	74.0	27.34	Peak	360.00	100	Vertical	Pass
2**	4246.750	37.98	-4.40	54.0	16.02	AV	360.00	100	Vertical	Pass
3	5513.750	96.29	-3.11	--	--	Peak	122.00	100	Vertical	N/A
3**	5513.750	88.47	-3.11	--	--	AV	122.00	100	Vertical	N/A
4	7487.750	53.15	1.49	74.0	20.85	Peak	208.00	100	Vertical	Pass
4**	7487.750	44.11	1.49	54.0	9.89	AV	208.00	100	Vertical	Pass
5	12563.325	51.55	0.92	74.0	22.45	Peak	96.00	150	Vertical	Pass
5**	12563.325	42.38	0.92	54.0	11.62	AV	96.00	150	Vertical	Pass
6	16166.438	52.49	2.04	74.0	21.51	Peak	188.00	200	Vertical	Pass
6**	16166.438	44.78	2.04	54.0	9.22	AV	188.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.700	38.09	-17.08	74.0	35.91	Peak	127.00	100	Horizontal	Pass
1**	1530.700	28.20	-17.08	54.0	25.80	AV	127.00	100	Horizontal	Pass
2	4287.500	47.02	-4.67	74.0	26.98	Peak	360.00	300	Horizontal	Pass
2**	4287.500	36.52	-4.67	54.0	17.48	AV	360.00	300	Horizontal	Pass
3	5592.750	103.02	-2.29	--	--	Peak	23.00	100	Horizontal	N/A
3**	5592.750	95.41	-2.29	--	--	AV	23.00	100	Horizontal	N/A
4	7490.250	52.69	1.43	74.0	21.31	Peak	0.00	200	Horizontal	Pass
4**	7490.250	43.69	1.43	54.0	10.31	AV	0.00	200	Horizontal	Pass
5	12025.862	51.91	0.12	74.0	22.09	Peak	162.00	150	Horizontal	Pass
5**	12025.862	41.86	0.12	54.0	12.14	AV	162.00	150	Horizontal	Pass
6	16177.724	52.61	1.96	74.0	21.39	Peak	183.00	100	Horizontal	Pass
6**	16177.724	44.76	1.96	54.0	9.24	AV	183.00	100	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	1577.900	38.42	-16.98	74.0	35.58	Peak	167.00	400	Vertical	Pass
1**	1577.900	28.81	-16.98	54.0	25.19	AV	167.00	400	Vertical	Pass
2	4257.500	47.51	-4.36	74.0	26.49	Peak	23.00	300	Vertical	Pass
2**	4257.500	37.63	-4.36	54.0	16.37	AV	23.00	300	Vertical	Pass
3	5591.250	97.82	-2.34	--	--	Peak	115.00	200	Vertical	N/A
3**	5591.250	90.44	-2.34	--	--	AV	115.00	200	Vertical	N/A
4	7486.500	53.57	1.41	74.0	20.43	Peak	1.00	200	Vertical	Pass
4**	7486.500	44.20	1.41	54.0	9.80	AV	1.00	200	Vertical	Pass
5	11785.037	51.93	-0.16	74.0	22.07	Peak	319.00	150	Vertical	Pass
5**	11785.037	43.26	-0.16	54.0	10.74	AV	319.00	150	Vertical	Pass
6	16149.112	52.72	2.14	74.0	21.28	Peak	96.00	400	Vertical	Pass
6**	16149.112	43.85	2.14	54.0	10.15	AV	96.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1445.700	38.26	-17.04	74.0	35.74	Peak	360.00	400	Horizontal	Pass
1**	1445.700	29.23	-17.04	54.0	24.77	AV	360.00	400	Horizontal	Pass
2	4325.000	46.41	-4.89	74.0	27.59	Peak	98.00	300	Horizontal	Pass
2**	4325.000	37.35	-4.89	54.0	16.65	AV	98.00	300	Horizontal	Pass
3	5667.250	103.07	-2.54	--	--	Peak	30.00	100	Horizontal	N/A
3**	5667.250	94.98	-2.54	--	--	AV	30.00	100	Horizontal	N/A
4	7314.750	52.59	0.71	74.0	21.41	Peak	169.00	400	Horizontal	Pass
4**	7314.750	43.17	0.71	54.0	10.83	AV	169.00	400	Horizontal	Pass
5	12530.787	51.65	1.26	74.0	22.35	Peak	315.00	100	Horizontal	Pass
5**	12530.787	42.28	1.26	54.0	11.72	AV	315.00	100	Horizontal	Pass
6	16168.013	53.73	2.03	74.0	20.27	Peak	140.00	100	Horizontal	Pass
6**	16168.013	44.53	2.03	54.0	9.47	AV	140.00	100	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	1574.500	38.37	-17.01	74.0	35.63	Peak	151.00	400	Vertical	Pass
1**	1574.500	28.84	-17.01	54.0	25.16	AV	151.00	400	Vertical	Pass
2	4350.250	47.25	-4.78	74.0	26.75	Peak	274.00	400	Vertical	Pass
2**	4350.250	37.73	-4.78	54.0	16.27	AV	274.00	400	Vertical	Pass
3	5664.750	96.32	-2.26	--	--	Peak	252.00	150	Vertical	N/A
3**	5664.750	88.70	-2.26	--	--	AV	252.00	150	Vertical	N/A
4	7356.750	52.37	0.67	74.0	21.63	Peak	49.00	400	Vertical	Pass
4**	7356.750	43.53	0.67	54.0	10.47	AV	49.00	400	Vertical	Pass
5	12523.187	51.87	1.30	74.0	22.13	Peak	264.00	200	Vertical	Pass
5**	12523.187	42.75	1.30	54.0	11.25	AV	264.00	200	Vertical	Pass
6	16170.900	52.61	2.01	74.0	21.39	Peak	137.00	400	Vertical	Pass
6**	16170.900	44.22	2.01	54.0	9.78	AV	137.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1462.400	39.13	-17.49	74.0	34.87	Peak	325.00	200	Horizontal	Pass
1**	1462.400	27.92	-17.49	54.0	26.08	AV	325.00	200	Horizontal	Pass
2	4252.750	46.42	-4.55	74.0	27.58	Peak	0.00	200	Horizontal	Pass
2**	4252.750	37.44	-4.55	54.0	16.56	AV	0.00	200	Horizontal	Pass
3	5498.750	106.17	-2.54	--	--	Peak	151.00	100	Horizontal	N/A
3**	5498.750	98.35	-2.54	--	--	AV	151.00	100	Horizontal	N/A
4	7718.500	52.50	0.81	74.0	21.50	Peak	0.00	400	Horizontal	Pass
4**	7718.500	43.42	0.81	54.0	10.58	AV	0.00	400	Horizontal	Pass
5	11791.925	51.54	-0.15	74.0	22.46	Peak	0.00	150	Horizontal	Pass
5**	11791.925	42.76	-0.15	54.0	11.24	AV	0.00	150	Horizontal	Pass
6	16153.575	52.61	2.13	74.0	21.39	Peak	290.00	400	Horizontal	Pass
6**	16153.575	43.36	2.13	54.0	10.64	AV	290.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1547.100	38.51	-17.32	74.0	35.49	Peak	297.00	100	Vertical	Pass
1**	1547.100	28.16	-17.32	54.0	25.84	AV	297.00	100	Vertical	Pass
2	4131.250	47.04	-5.46	74.0	26.96	Peak	230.00	400	Vertical	Pass
2**	4131.250	36.81	-5.46	54.0	17.19	AV	230.00	400	Vertical	Pass
3	5502.750	99.34	-2.98	--	--	Peak	117.00	150	Vertical	N/A
3**	5502.750	91.67	-2.98	--	--	AV	117.00	150	Vertical	N/A
4	7487.250	52.92	1.19	74.0	21.08	Peak	139.00	400	Vertical	Pass
4**	7487.250	43.78	1.19	54.0	10.22	AV	139.00	400	Vertical	Pass
5	12389.474	51.51	1.05	74.0	22.49	Peak	305.00	200	Vertical	Pass
5**	12389.474	41.45	1.05	54.0	12.55	AV	305.00	200	Vertical	Pass
6	16023.113	52.72	1.18	74.0	21.28	Peak	360.00	300	Vertical	Pass
6**	16023.113	43.03	1.18	54.0	10.97	AV	360.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.000	38.30	-16.94	74.0	35.70	Peak	169.00	300	Horizontal	Pass
1**	1444.000	28.81	-16.94	54.0	25.19	AV	169.00	300	Horizontal	Pass
2	4003.000	46.81	-5.90	74.0	27.19	Peak	132.00	300	Horizontal	Pass
2**	4003.000	36.57	-5.90	54.0	17.43	AV	132.00	300	Horizontal	Pass
3	5579.000	106.95	-2.09	--	--	Peak	156.00	100	Horizontal	N/A
3**	5579.000	99.14	-2.09	--	--	AV	156.00	100	Horizontal	N/A
4	7488.250	53.16	1.51	74.0	20.84	Peak	344.00	300	Horizontal	Pass
4**	7488.250	43.46	1.51	54.0	10.54	AV	344.00	300	Horizontal	Pass
5	12407.050	51.72	1.10	74.0	22.28	Peak	208.00	200	Horizontal	Pass
5**	12407.050	42.38	1.10	54.0	11.62	AV	208.00	200	Horizontal	Pass
6	16168.013	54.40	2.03	74.0	19.60	Peak	259.00	400	Horizontal	Pass
6**	16168.013	44.91	2.03	54.0	9.09	AV	259.00	400	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	1532.800	37.91	-17.40	74.0	36.09	Peak	124.00	400	Vertical	Pass
1**	1532.800	28.05	-17.40	54.0	25.95	AV	124.00	400	Vertical	Pass
2	4255.750	47.35	-3.94	74.0	26.65	Peak	342.00	300	Vertical	Pass
2**	4255.750	38.07	-3.94	54.0	15.93	AV	342.00	300	Vertical	Pass
3	5583.250	100.98	-2.21	--	--	Peak	115.00	100	Vertical	N/A
3**	5583.250	93.10	-2.21	--	--	AV	115.00	100	Vertical	N/A
4	7490.500	52.71	1.53	74.0	21.29	Peak	20.00	400	Vertical	Pass
4**	7490.500	44.02	1.53	54.0	9.98	AV	20.00	400	Vertical	Pass
5	11783.612	51.73	-0.16	74.0	22.27	Peak	340.00	200	Vertical	Pass
5**	11783.612	42.88	-0.16	54.0	11.12	AV	340.00	200	Vertical	Pass
6	16036.763	52.89	1.13	74.0	21.11	Peak	339.00	100	Vertical	Pass
6**	16036.763	42.92	1.13	54.0	11.08	AV	339.00	100	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	1453.800	38.80	-17.06	74.0	35.20	Peak	35.00	100	Horizontal	Pass
1**	1453.800	28.58	-17.06	54.0	25.42	AV	35.00	100	Horizontal	Pass
2	4356.750	46.74	-4.42	74.0	27.26	Peak	151.00	200	Horizontal	Pass
2**	4356.750	37.72	-4.42	54.0	16.28	AV	151.00	200	Horizontal	Pass
3	5698.000	105.66	-2.35	--	--	Peak	23.00	200	Horizontal	N/A
3**	5698.000	98.20	-2.35	--	--	AV	23.00	200	Horizontal	N/A
4	7727.000	52.86	0.40	74.0	21.14	Peak	108.00	400	Horizontal	Pass
4**	7727.000	42.98	0.40	54.0	11.02	AV	108.00	400	Horizontal	Pass
5	12551.451	51.90	1.12	74.0	22.10	Peak	244.00	200	Horizontal	Pass
5**	12551.451	42.84	1.12	54.0	11.16	AV	244.00	200	Horizontal	Pass
6	16171.688	52.77	2.00	74.0	21.23	Peak	184.00	300	Horizontal	Pass
6**	16171.688	44.24	2.00	54.0	9.76	AV	184.00	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	1467.200	38.66	-17.29	74.0	35.34	Peak	0.00	400	Vertical	Pass
1**	1467.200	28.59	-17.29	54.0	25.41	AV	0.00	400	Vertical	Pass
2	4256.500	46.20	-4.25	74.0	27.80	Peak	220.00	300	Vertical	Pass
2**	4256.500	37.55	-4.25	54.0	16.45	AV	220.00	300	Vertical	Pass
3	5698.500	99.26	-2.31	--	--	Peak	115.00	100	Vertical	N/A
3**	5698.500	91.35	-2.31	--	--	AV	115.00	100	Vertical	N/A
4	7495.500	52.82	1.07	74.0	21.18	Peak	324.00	100	Vertical	Pass
4**	7495.500	42.84	1.07	54.0	11.16	AV	324.00	100	Vertical	Pass
5	12524.137	51.40	1.30	74.0	22.60	Peak	300.00	200	Vertical	Pass
5**	12524.137	42.49	1.30	54.0	11.51	AV	300.00	200	Vertical	Pass
6	16169.850	53.39	2.02	74.0	20.61	Peak	253.00	400	Vertical	Pass
6**	16169.850	43.69	2.02	54.0	10.31	AV	253.00	400	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	1586.300	39.43	-17.28	74.0	34.57	Peak	186.00	100	Horizontal	Pass
1**	1586.300	28.24	-17.28	54.0	25.76	AV	186.00	100	Horizontal	Pass
2	4350.250	46.85	-4.78	74.0	27.15	Peak	0.00	100	Horizontal	Pass
2**	4350.250	38.22	-4.78	54.0	15.78	AV	0.00	100	Horizontal	Pass
3	5508.250	103.26	-2.94	--	--	Peak	157.00	150	Horizontal	N/A
3**	5508.250	95.22	-2.94	--	--	AV	157.00	150	Horizontal	N/A
4	7720.500	52.71	1.30	74.0	21.29	Peak	181.00	300	Horizontal	Pass
4**	7720.500	43.49	1.30	54.0	10.51	AV	181.00	300	Horizontal	Pass
5	11776.963	51.97	-0.17	74.0	22.03	Peak	212.00	100	Horizontal	Pass
5**	11776.963	42.51	-0.17	54.0	11.49	AV	212.00	100	Horizontal	Pass
6	16090.313	53.20	1.62	74.0	20.80	Peak	360.00	400	Horizontal	Pass
6**	16090.313	42.87	1.62	54.0	11.13	AV	360.00	400	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	1534.800	38.20	-17.30	74.0	35.80	Peak	333.00	400	Vertical	Pass
1**	1534.800	28.65	-17.30	54.0	25.35	AV	333.00	400	Vertical	Pass
2	4241.500	47.66	-4.69	74.0	26.34	Peak	54.00	400	Vertical	Pass
2**	4241.500	37.53	-4.69	54.0	16.47	AV	54.00	400	Vertical	Pass
3	5508.500	96.40	-2.88	--	--	Peak	120.00	200	Vertical	N/A
3**	5508.500	89.00	-2.88	--	--	AV	120.00	200	Vertical	N/A
4	7712.000	53.18	1.91	74.0	20.82	Peak	0.00	200	Vertical	Pass
4**	7712.000	44.08	1.91	54.0	9.92	AV	0.00	200	Vertical	Pass
5	12034.175	51.90	0.00	74.0	22.10	Peak	79.00	200	Vertical	Pass
5**	12034.175	42.16	0.00	54.0	11.84	AV	79.00	200	Vertical	Pass
6	16158.825	53.11	2.09	74.0	20.89	Peak	239.00	400	Vertical	Pass
6**	16158.825	43.97	2.09	54.0	10.03	AV	239.00	400	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	1544.200	37.89	-17.12	74.0	36.11	Peak	346.00	400	Horizontal	Pass
1**	1544.200	28.31	-17.12	54.0	25.69	AV	346.00	400	Horizontal	Pass
2	4232.500	46.53	-5.14	74.0	27.47	Peak	60.00	300	Horizontal	Pass
2**	4232.500	36.93	-5.14	54.0	17.07	AV	60.00	300	Horizontal	Pass
3	5587.750	103.13	-2.24	--	--	Peak	156.00	100	Horizontal	N/A
3**	5587.750	95.77	-2.24	--	--	AV	156.00	100	Horizontal	N/A
4	7712.000	52.78	1.91	74.0	21.22	Peak	360.00	100	Horizontal	Pass
4**	7712.000	43.79	1.91	54.0	10.21	AV	360.00	100	Horizontal	Pass
5	12548.362	51.79	1.16	74.0	22.21	Peak	207.00	150	Horizontal	Pass
5**	12548.362	42.58	1.16	54.0	11.42	AV	207.00	150	Horizontal	Pass
6	16158.562	53.29	2.09	74.0	20.71	Peak	316.00	100	Horizontal	Pass
6**	16158.562	43.80	2.09	54.0	10.20	AV	316.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1470.700	38.05	-17.42	74.0	35.95	Peak	37.00	200	Vertical	Pass
1**	1470.700	28.41	-17.42	54.0	25.59	AV	37.00	200	Vertical	Pass
2	4349.250	47.42	-4.65	74.0	26.58	Peak	175.00	400	Vertical	Pass
2**	4349.250	37.70	-4.65	54.0	16.30	AV	175.00	400	Vertical	Pass
3	5586.500	97.93	-1.98	--	--	Peak	127.00	150	Vertical	N/A
3**	5586.500	90.04	-1.98	--	--	AV	127.00	150	Vertical	N/A
4	7722.750	53.08	1.00	74.0	20.92	Peak	341.00	100	Vertical	Pass
4**	7722.750	43.49	1.00	54.0	10.51	AV	341.00	100	Vertical	Pass
5	11693.125	51.96	-0.63	74.0	22.04	Peak	303.00	150	Vertical	Pass
5**	11693.125	42.33	-0.63	54.0	11.67	AV	303.00	150	Vertical	Pass
6	16162.500	53.42	2.07	74.0	20.58	Peak	266.00	200	Vertical	Pass
6**	16162.500	45.23	2.07	54.0	8.77	AV	266.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.100	38.09	-17.12	74.0	35.91	Peak	151.00	100	Horizontal	Pass
1**	1494.100	28.60	-17.12	54.0	25.40	AV	151.00	100	Horizontal	Pass
2	4317.750	47.06	-5.54	74.0	26.94	Peak	62.00	400	Horizontal	Pass
2**	4317.750	36.05	-5.54	54.0	17.95	AV	62.00	400	Horizontal	Pass
3	5666.250	103.18	-2.40	--	--	Peak	18.00	150	Horizontal	N/A
3**	5666.250	96.35	-2.40	--	--	AV	18.00	150	Horizontal	N/A
4	7311.250	52.88	0.55	74.0	21.12	Peak	283.00	300	Horizontal	Pass
4**	7311.250	43.68	0.55	54.0	10.32	AV	283.00	300	Horizontal	Pass
5	12393.275	51.66	1.07	74.0	22.34	Peak	360.00	100	Horizontal	Pass
5**	12393.275	41.63	1.07	54.0	12.37	AV	360.00	100	Horizontal	Pass
6	16160.137	52.86	2.08	74.0	21.14	Peak	127.00	200	Horizontal	Pass
6**	16160.137	43.60	2.08	54.0	10.40	AV	127.00	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	1537.400	38.71	-17.26	74.0	35.29	Peak	140.00	200	Vertical	Pass
1**	1537.400	29.04	-17.26	54.0	24.96	AV	140.00	200	Vertical	Pass
2	4239.000	46.95	-4.82	74.0	27.05	Peak	69.00	200	Vertical	Pass
2**	4239.000	38.18	-4.82	54.0	15.82	AV	69.00	200	Vertical	Pass
3	5668.250	96.72	-2.51	--	--	Peak	251.00	200	Vertical	N/A
3**	5668.250	89.27	-2.51	--	--	AV	251.00	200	Vertical	N/A
4	7617.750	52.91	0.32	74.0	21.09	Peak	227.00	400	Vertical	Pass
4**	7617.750	42.92	0.32	54.0	11.08	AV	227.00	400	Vertical	Pass
5	12401.350	51.30	1.11	74.0	22.70	Peak	19.00	150	Vertical	Pass
5**	12401.350	41.95	1.11	54.0	12.05	AV	19.00	150	Vertical	Pass
6	16155.150	53.25	2.12	74.0	20.75	Peak	215.00	300	Vertical	Pass
6**	16155.150	43.99	2.12	54.0	10.01	AV	215.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.900	37.83	-16.88	74.0	36.17	Peak	131.00	200	Horizontal	Pass
1**	1509.900	28.62	-16.88	54.0	25.38	AV	131.00	200	Horizontal	Pass
2	4119.750	47.61	-5.66	74.0	26.39	Peak	18.00	400	Horizontal	Pass
2**	4119.750	37.18	-5.66	54.0	16.82	AV	18.00	400	Horizontal	Pass
3	5543.750	99.70	-2.28	--	--	Peak	172.00	150	Horizontal	N/A
3**	5543.750	92.78	-2.28	--	--	AV	172.00	150	Horizontal	N/A
4	7628.250	52.76	0.06	74.0	21.24	Peak	38.00	400	Horizontal	Pass
4**	7628.250	43.13	0.06	54.0	10.87	AV	38.00	400	Horizontal	Pass
5	12527.225	51.95	1.28	74.0	22.05	Peak	193.00	100	Horizontal	Pass
5**	12527.225	42.78	1.28	54.0	11.22	AV	193.00	100	Horizontal	Pass
6	16158.037	52.96	2.10	74.0	21.04	Peak	344.00	200	Horizontal	Pass
6**	16158.037	44.08	2.10	54.0	9.92	AV	344.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.800	39.76	-16.90	74.0	34.24	Peak	217.00	100	Vertical	Pass
1**	1593.800	30.27	-16.90	54.0	23.73	AV	217.00	100	Vertical	Pass
2	4337.250	46.99	-5.08	74.0	27.01	Peak	0.00	200	Vertical	Pass
2**	4337.250	37.45	-5.08	54.0	16.55	AV	0.00	200	Vertical	Pass
3	5546.250	94.48	-2.13	--	--	Peak	130.00	150	Vertical	N/A
3**	5546.250	87.35	-2.13	--	--	AV	130.00	150	Vertical	N/A
4	7610.750	52.88	0.46	74.0	21.12	Peak	360.00	300	Vertical	Pass
4**	7610.750	42.68	0.46	54.0	11.32	AV	360.00	300	Vertical	Pass
5	12340.787	52.00	0.79	74.0	22.00	Peak	360.00	200	Vertical	Pass
5**	12340.787	42.59	0.79	54.0	11.41	AV	360.00	200	Vertical	Pass
6	16153.312	52.80	2.13	74.0	21.20	Peak	230.00	400	Vertical	Pass
6**	16153.312	43.69	2.13	54.0	10.31	AV	230.00	400	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	1508.600	38.08	-17.07	74.0	35.92	Peak	190.00	200	Horizontal	Pass
1**	1508.600	28.52	-17.07	54.0	25.48	AV	190.00	200	Horizontal	Pass
2	4303.750	46.93	-5.28	74.0	27.07	Peak	196.00	100	Horizontal	Pass
2**	4303.750	37.34	-5.28	54.0	16.66	AV	196.00	100	Horizontal	Pass
3	5616.500	99.75	-2.51	--	--	Peak	40.00	150	Horizontal	N/A
3**	5616.500	92.54	-2.51	--	--	AV	40.00	150	Horizontal	N/A
4	7483.750	52.74	0.98	74.0	21.26	Peak	262.00	400	Horizontal	Pass
4**	7483.750	43.35	0.98	54.0	10.65	AV	262.00	400	Horizontal	Pass
5	12351.237	51.84	0.85	74.0	22.16	Peak	0.00	150	Horizontal	Pass
5**	12351.237	42.86	0.85	54.0	11.14	AV	0.00	150	Horizontal	Pass
6	16084.799	53.41	1.55	74.0	20.59	Peak	116.00	400	Horizontal	Pass
6**	16084.799	43.52	1.55	54.0	10.48	AV	116.00	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	1572.500	37.98	-16.99	74.0	36.02	Peak	102.00	200	Vertical	Pass
1**	1572.500	28.16	-16.99	54.0	25.84	AV	102.00	200	Vertical	Pass
2	4367.000	46.92	-4.81	74.0	27.08	Peak	58.00	100	Vertical	Pass
2**	4367.000	37.09	-4.81	54.0	16.91	AV	58.00	100	Vertical	Pass
3	5605.250	95.24	-2.45	--	--	Peak	145.00	200	Vertical	N/A
3**	5605.250	87.67	-2.45	--	--	AV	145.00	200	Vertical	N/A
4	7620.500	52.88	0.48	74.0	21.12	Peak	360.00	200	Vertical	Pass
4**	7620.500	42.77	0.48	54.0	11.23	AV	360.00	200	Vertical	Pass
5	11788.125	51.98	-0.16	74.0	22.02	Peak	51.00	100	Vertical	Pass
5**	11788.125	42.68	-0.16	54.0	11.32	AV	51.00	100	Vertical	Pass
6	16167.224	53.12	2.04	74.0	20.88	Peak	172.00	100	Vertical	Pass
6**	16167.224	44.12	2.04	54.0	9.88	AV	172.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.300	38.23	-17.21	74.0	35.77	Peak	59.00	400	Horizontal	Pass
1**	1541.300	28.60	-17.21	54.0	25.40	AV	59.00	400	Horizontal	Pass
2	4262.000	47.39	-4.53	74.0	26.61	Peak	228.00	200	Horizontal	Pass
2**	4262.000	37.45	-4.53	54.0	16.55	AV	228.00	200	Horizontal	Pass
3	5746.500	107.97	-2.01	--	--	Peak	38.00	100	Horizontal	N/A
3**	5746.500	100.68	-2.01	--	--	AV	38.00	100	Horizontal	N/A
4	7490.750	52.72	1.51	74.0	21.28	Peak	143.00	400	Horizontal	Pass
4**	7490.750	44.15	1.51	54.0	9.85	AV	143.00	400	Horizontal	Pass
5	11789.787	52.43	-0.16	74.0	21.57	Peak	356.00	150	Horizontal	Pass
5**	11789.787	43.05	-0.16	54.0	10.95	AV	356.00	150	Horizontal	Pass
6	16096.874	53.29	1.71	74.0	20.71	Peak	312.00	200	Horizontal	Pass
6**	16096.874	43.23	1.71	54.0	10.77	AV	312.00	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	1571.800	38.22	-17.11	74.0	35.78	Peak	259.00	100	Vertical	Pass
1**	1571.800	29.58	-17.11	54.0	24.42	AV	259.00	100	Vertical	Pass
2	4351.750	46.75	-4.70	74.0	27.25	Peak	360.00	300	Vertical	Pass
2**	4351.750	37.45	-4.70	54.0	16.55	AV	360.00	300	Vertical	Pass
3	5745.250	101.00	-1.98	--	--	Peak	258.00	200	Vertical	N/A
3**	5745.250	93.89	-1.98	--	--	AV	258.00	200	Vertical	N/A
4	7625.250	53.50	0.32	74.0	20.50	Peak	235.00	100	Vertical	Pass
4**	7625.250	42.93	0.32	54.0	11.07	AV	235.00	100	Vertical	Pass
5	12542.188	51.73	1.20	74.0	22.27	Peak	42.00	150	Vertical	Pass
5**	12542.188	42.88	1.20	54.0	11.12	AV	42.00	150	Vertical	Pass
6	16173.263	53.37	1.99	74.0	20.63	Peak	322.00	300	Vertical	Pass
6**	16173.263	44.04	1.99	54.0	9.96	AV	322.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1454.800	38.03	-17.10	74.0	35.97	Peak	315.00	100	Horizontal	Pass
1**	1454.800	29.44	-17.10	54.0	24.56	AV	315.00	100	Horizontal	Pass
2	4309.500	46.98	-5.05	74.0	27.02	Peak	218.00	300	Horizontal	Pass
2**	4309.500	38.24	-5.05	54.0	15.76	AV	218.00	300	Horizontal	Pass
3	5787.000	108.35	-2.45	--	--	Peak	40.00	200	Horizontal	N/A
3**	5787.000	101.69	-2.45	--	--	AV	40.00	200	Horizontal	N/A
4	7733.750	53.19	0.47	74.0	20.81	Peak	307.00	200	Horizontal	Pass
4**	7733.750	44.17	0.47	54.0	9.83	AV	307.00	200	Horizontal	Pass
5	12539.813	52.30	1.21	74.0	21.70	Peak	30.00	100	Horizontal	Pass
5**	12539.813	42.81	1.21	54.0	11.19	AV	30.00	100	Horizontal	Pass
6	16156.463	53.45	2.11	74.0	20.55	Peak	110.00	300	Horizontal	Pass
6**	16156.463	43.84	2.11	54.0	10.16	AV	110.00	300	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	1439.300	38.28	-16.99	74.0	35.72	Peak	313.00	400	Vertical	Pass
1**	1439.300	28.93	-16.99	54.0	25.07	AV	313.00	400	Vertical	Pass
2	4353.250	47.00	-4.60	74.0	27.00	Peak	106.00	100	Vertical	Pass
2**	4353.250	37.52	-4.60	54.0	16.48	AV	106.00	100	Vertical	Pass
3	5788.250	102.39	-2.33	--	--	Peak	281.00	100	Vertical	N/A
3**	5788.250	94.57	-2.33	--	--	AV	281.00	100	Vertical	N/A
4	7706.500	53.43	1.58	74.0	20.57	Peak	348.00	100	Vertical	Pass
4**	7706.500	43.02	1.58	54.0	10.98	AV	348.00	100	Vertical	Pass
5	11798.813	52.26	-0.15	74.0	21.74	Peak	264.00	150	Vertical	Pass
5**	11798.813	43.40	-0.15	54.0	10.60	AV	264.00	150	Vertical	Pass
6	16152.526	52.69	2.13	74.0	21.31	Peak	0.00	300	Vertical	Pass
6**	16152.526	44.61	2.13	54.0	9.39	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.000	39.34	-16.95	74.0	34.66	Peak	354.00	200	Horizontal	Pass
1**	1602.000	28.64	-16.95	54.0	25.36	AV	354.00	200	Horizontal	Pass
2	4348.750	47.14	-4.53	74.0	26.86	Peak	234.00	400	Horizontal	Pass
2**	4348.750	37.84	-4.53	54.0	16.16	AV	234.00	400	Horizontal	Pass
3	5827.750	107.12	-2.57	--	--	Peak	40.00	200	Horizontal	N/A
3**	5827.750	99.54	-2.57	--	--	AV	40.00	200	Horizontal	N/A
4	7486.250	53.11	1.40	74.0	20.89	Peak	234.00	300	Horizontal	Pass
4**	7486.250	44.48	1.40	54.0	9.52	AV	234.00	300	Horizontal	Pass
5	11790.975	52.29	-0.15	74.0	21.71	Peak	283.00	100	Horizontal	Pass
5**	11790.975	42.96	-0.15	54.0	11.04	AV	283.00	100	Horizontal	Pass
6	16017.599	53.21	1.20	74.0	20.79	Peak	45.00	300	Horizontal	Pass
6**	16017.599	43.32	1.20	54.0	10.68	AV	45.00	300	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	1540.900	38.28	-17.33	74.0	35.72	Peak	147.00	400	Vertical	Pass
1**	1540.900	28.44	-17.33	54.0	25.56	AV	147.00	400	Vertical	Pass
2	4388.000	47.44	-5.00	74.0	26.56	Peak	287.00	100	Vertical	Pass
2**	4388.000	37.47	-5.00	54.0	16.53	AV	287.00	100	Vertical	Pass
3	5826.750	100.45	-2.49	--	--	Peak	263.00	150	Vertical	N/A
3**	5826.750	94.18	-2.49	--	--	AV	263.00	150	Vertical	N/A
4	7368.250	53.73	0.79	74.0	20.27	Peak	18.00	400	Vertical	Pass
4**	7368.250	43.69	0.79	54.0	10.31	AV	18.00	400	Vertical	Pass
5	11798.338	52.85	-0.15	74.0	21.15	Peak	232.00	200	Vertical	Pass
5**	11798.338	43.48	-0.15	54.0	10.52	AV	232.00	200	Vertical	Pass
6	16165.913	53.49	2.04	74.0	20.51	Peak	309.00	400	Vertical	Pass
6**	16165.913	45.65	2.04	54.0	8.35	AV	309.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.200	38.44	-16.77	74.0	35.56	Peak	217.00	400	Horizontal	Pass
1**	1626.200	28.66	-16.77	54.0	25.34	AV	217.00	400	Horizontal	Pass
2	4352.250	46.87	-4.80	74.0	27.13	Peak	0.00	100	Horizontal	Pass
2**	4352.250	37.68	-4.80	54.0	16.32	AV	0.00	100	Horizontal	Pass
3	5746.750	107.07	-2.01	--	--	Peak	38.00	200	Horizontal	N/A
3**	5746.750	99.63	-2.01	--	--	AV	38.00	200	Horizontal	N/A
4	7358.500	53.29	0.90	74.0	20.71	Peak	161.00	400	Horizontal	Pass
4**	7358.500	45.27	0.90	54.0	8.73	AV	161.00	400	Horizontal	Pass
5	11785.513	51.98	-0.16	74.0	22.02	Peak	320.00	200	Horizontal	Pass
5**	11785.513	43.56	-0.16	54.0	10.44	AV	320.00	200	Horizontal	Pass
6	16165.125	53.30	2.05	74.0	20.70	Peak	268.00	300	Horizontal	Pass
6**	16165.125	44.67	2.05	54.0	9.33	AV	268.00	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	1551.300	38.23	-17.15	74.0	35.77	Peak	127.00	400	Vertical	Pass
1**	1551.300	28.92	-17.15	54.0	25.08	AV	127.00	400	Vertical	Pass
2	4291.000	46.83	-4.53	74.0	27.17	Peak	122.00	100	Vertical	Pass
2**	4291.000	37.25	-4.53	54.0	16.75	AV	122.00	100	Vertical	Pass
3	5746.750	100.58	-2.01	--	--	Peak	270.00	150	Vertical	N/A
3**	5746.750	92.45	-2.01	--	--	AV	270.00	150	Vertical	N/A
4	7484.750	53.11	1.30	74.0	20.89	Peak	38.00	400	Vertical	Pass
4**	7484.750	44.84	1.30	54.0	9.16	AV	38.00	400	Vertical	Pass
5	11766.750	52.82	-0.18	74.0	21.18	Peak	69.00	200	Vertical	Pass
5**	11766.750	42.94	-0.18	54.0	11.06	AV	69.00	200	Vertical	Pass
6	16166.438	53.16	2.04	74.0	20.84	Peak	174.00	200	Vertical	Pass
6**	16166.438	44.23	2.04	54.0	9.77	AV	174.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1537.500	38.18	-17.25	74.0	35.82	Peak	43.00	400	Horizontal	Pass
1**	1537.500	30.24	-17.25	54.0	23.76	AV	43.00	400	Horizontal	Pass
2	4257.000	47.26	-4.04	74.0	26.74	Peak	123.00	200	Horizontal	Pass
2**	4257.000	39.06	-4.04	54.0	14.94	AV	123.00	200	Horizontal	Pass
3	5783.000	107.50	-2.76	--	--	Peak	38.00	150	Horizontal	N/A
3**	5783.000	99.45	-2.76	--	--	AV	38.00	150	Horizontal	N/A
4	7483.500	53.69	1.28	74.0	20.31	Peak	81.00	100	Horizontal	Pass
4**	7483.500	44.53	1.28	54.0	9.47	AV	81.00	100	Horizontal	Pass
5	11783.137	52.61	-0.16	74.0	21.39	Peak	32.00	100	Horizontal	Pass
5**	11783.137	43.53	-0.16	54.0	10.47	AV	32.00	100	Horizontal	Pass
6	16155.938	53.10	2.11	74.0	20.90	Peak	358.00	200	Horizontal	Pass
6**	16155.938	43.82	2.11	54.0	10.18	AV	358.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.300	38.66	-16.97	74.0	35.34	Peak	130.00	300	Vertical	Pass
1**	1594.300	28.76	-16.97	54.0	25.24	AV	130.00	300	Vertical	Pass
2	4292.750	46.97	-4.73	74.0	27.03	Peak	16.00	100	Vertical	Pass
2**	4292.750	37.03	-4.73	54.0	16.97	AV	16.00	100	Vertical	Pass
3	5786.500	101.28	-2.25	--	--	Peak	269.00	100	Vertical	N/A
3**	5786.500	94.34	-2.25	--	--	AV	269.00	100	Vertical	N/A
4	7555.250	52.98	-0.30	74.0	21.02	Peak	58.00	400	Vertical	Pass
4**	7555.250	43.49	-0.30	54.0	10.51	AV	58.00	400	Vertical	Pass
5	11786.463	52.28	-0.16	74.0	21.72	Peak	147.00	150	Vertical	Pass
5**	11786.463	43.22	-0.16	54.0	10.78	AV	147.00	150	Vertical	Pass
6	16157.513	52.95	2.10	74.0	21.05	Peak	297.00	100	Vertical	Pass
6**	16157.513	44.66	2.10	54.0	9.34	AV	297.00	100	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	1441.300	38.37	-16.80	74.0	35.63	Peak	0.00	100	Horizontal	Pass
1**	1441.300	28.88	-16.80	54.0	25.12	AV	0.00	100	Horizontal	Pass
2	4261.250	47.09	-4.60	74.0	26.91	Peak	0.00	300	Horizontal	Pass
2**	4261.250	37.89	-4.60	54.0	16.11	AV	0.00	300	Horizontal	Pass
3	5822.500	106.26	-2.53	--	--	Peak	36.00	200	Horizontal	N/A
3**	5822.500	98.28	-2.53	--	--	AV	36.00	200	Horizontal	N/A
4	7311.750	52.93	0.59	74.0	21.07	Peak	0.00	300	Horizontal	Pass
4**	7311.750	44.22	0.59	54.0	9.78	AV	0.00	300	Horizontal	Pass
5	12292.338	52.59	0.64	74.0	21.41	Peak	70.00	150	Horizontal	Pass
5**	12292.338	42.54	0.64	54.0	11.46	AV	70.00	150	Horizontal	Pass
6	16178.250	53.35	1.96	74.0	20.65	Peak	65.00	100	Horizontal	Pass
6**	16178.250	44.39	1.96	54.0	9.61	AV	65.00	100	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	1519.600	38.72	-17.33	74.0	35.28	Peak	188.00	400	Vertical	Pass
1**	1519.600	28.86	-17.33	54.0	25.14	AV	188.00	400	Vertical	Pass
2	4279.500	47.07	-4.86	74.0	26.93	Peak	242.00	400	Vertical	Pass
2**	4279.500	37.05	-4.86	54.0	16.95	AV	242.00	400	Vertical	Pass
3	5826.750	99.68	-2.49	--	--	Peak	263.00	200	Vertical	N/A
3**	5826.750	92.58	-2.49	--	--	AV	263.00	200	Vertical	N/A
4	7716.250	53.25	1.36	74.0	20.75	Peak	326.00	100	Vertical	Pass
4**	7716.250	43.35	1.36	54.0	10.65	AV	326.00	100	Vertical	Pass
5	11677.450	52.71	-0.89	74.0	21.29	Peak	1.00	100	Vertical	Pass
5**	11677.450	41.61	-0.89	54.0	12.39	AV	1.00	100	Vertical	Pass
6	16100.550	53.79	1.76	74.0	20.21	Peak	254.00	300	Vertical	Pass
6**	16100.550	44.61	1.76	54.0	9.39	AV	254.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1475.000	38.53	-16.98	74.0	35.47	Peak	2.00	200	Horizontal	Pass
1**	1475.000	28.31	-16.98	54.0	25.69	AV	2.00	200	Horizontal	Pass
2	4254.750	46.67	-4.18	74.0	27.33	Peak	285.00	200	Horizontal	Pass
2**	4254.750	38.13	-4.18	54.0	15.87	AV	285.00	200	Horizontal	Pass
3	5750.500	103.37	-2.12	--	--	Peak	35.00	100	Horizontal	N/A
3**	5750.500	95.93	-2.12	--	--	AV	35.00	100	Horizontal	N/A
4	7362.250	53.72	0.76	74.0	20.28	Peak	77.00	200	Horizontal	Pass
4**	7362.250	43.82	0.76	54.0	10.18	AV	77.00	200	Horizontal	Pass
5	11790.737	52.24	-0.15	74.0	21.76	Peak	342.00	200	Horizontal	Pass
5**	11790.737	43.92	-0.15	54.0	10.08	AV	342.00	200	Horizontal	Pass
6	16170.375	54.03	2.01	74.0	19.97	Peak	329.00	100	Horizontal	Pass
6**	16170.375	44.65	2.01	54.0	9.35	AV	329.00	100	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	1621.600	38.41	-16.97	74.0	35.59	Peak	208.00	200	Vertical	Pass
1**	1621.600	28.87	-16.97	54.0	25.13	AV	208.00	200	Vertical	Pass
2	4240.750	47.67	-4.82	74.0	26.33	Peak	327.00	200	Vertical	Pass
2**	4240.750	37.77	-4.82	54.0	16.23	AV	327.00	200	Vertical	Pass
3	5753.250	96.61	-2.25	--	--	Peak	266.00	200	Vertical	N/A
3**	5753.250	89.34	-2.25	--	--	AV	266.00	200	Vertical	N/A
4	7366.000	53.62	0.76	74.0	20.38	Peak	16.00	400	Vertical	Pass
4**	7366.000	43.46	0.76	54.0	10.54	AV	16.00	400	Vertical	Pass
5	12292.338	52.74	0.64	74.0	21.26	Peak	99.00	150	Vertical	Pass
5**	12292.338	42.81	0.64	54.0	11.19	AV	99.00	150	Vertical	Pass
6	16055.400	53.12	1.16	74.0	20.88	Peak	88.00	100	Vertical	Pass
6**	16055.400	43.26	1.16	54.0	10.74	AV	88.00	100	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	1605.000	38.16	-16.61	74.0	35.84	Peak	106.00	300	Horizontal	Pass
1**	1605.000	29.08	-16.61	54.0	24.92	AV	106.00	300	Horizontal	Pass
2	4084.750	47.21	-5.46	74.0	26.79	Peak	236.00	200	Horizontal	Pass
2**	4084.750	36.94	-5.46	54.0	17.06	AV	236.00	200	Horizontal	Pass
3	5796.250	103.62	-2.11	--	--	Peak	40.00	100	Horizontal	N/A
3**	5796.250	96.06	-2.11	--	--	AV	40.00	100	Horizontal	N/A
4	7363.250	53.98	0.63	74.0	20.02	Peak	322.00	100	Horizontal	Pass
4**	7363.250	44.87	0.63	54.0	9.13	AV	322.00	100	Horizontal	Pass
5	11788.838	52.43	-0.16	74.0	21.57	Peak	195.00	150	Horizontal	Pass
5**	11788.838	44.51	-0.16	54.0	9.49	AV	195.00	150	Horizontal	Pass
6	16163.812	53.25	2.06	74.0	20.75	Peak	144.00	400	Horizontal	Pass
6**	16163.812	44.31	2.06	54.0	9.69	AV	144.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.500	38.49	-17.06	74.0	35.51	Peak	133.00	300	Vertical	Pass
1**	1584.500	28.97	-17.06	54.0	25.03	AV	133.00	300	Vertical	Pass
2	4255.250	47.19	-4.03	74.0	26.81	Peak	360.00	100	Vertical	Pass
2**	4255.250	37.62	-4.03	54.0	16.38	AV	360.00	100	Vertical	Pass
3	5792.000	96.85	-2.25	--	--	Peak	268.00	200	Vertical	N/A
3**	5792.000	89.44	-2.25	--	--	AV	268.00	200	Vertical	N/A
4	7363.500	53.94	0.69	74.0	20.06	Peak	227.00	400	Vertical	Pass
4**	7363.500	43.85	0.69	54.0	10.15	AV	227.00	400	Vertical	Pass
5	11800.713	52.21	-0.15	74.0	21.79	Peak	26.00	100	Vertical	Pass
5**	11800.713	43.63	-0.15	54.0	10.37	AV	26.00	100	Vertical	Pass
6	16068.787	53.02	1.34	74.0	20.98	Peak	360.00	400	Vertical	Pass
6**	16068.787	43.95	1.34	54.0	10.05	AV	360.00	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	1614.000	38.58	-16.70	74.0	35.42	Peak	7.00	300	Horizontal	Pass
1**	1614.000	28.87	-16.70	54.0	25.13	AV	7.00	300	Horizontal	Pass
2	4320.750	47.66	-4.72	74.0	26.34	Peak	360.00	200	Horizontal	Pass
2**	4320.750	37.63	-4.72	54.0	16.37	AV	360.00	200	Horizontal	Pass
3	5745.750	106.72	-2.08	--	--	Peak	38.00	150	Horizontal	N/A
3**	5745.750	100.17	-2.08	--	--	AV	38.00	150	Horizontal	N/A
4	7745.250	53.11	0.02	74.0	20.89	Peak	60.00	100	Horizontal	Pass
4**	7745.250	43.56	0.02	54.0	10.44	AV	60.00	100	Horizontal	Pass
5	12322.500	52.52	0.69	74.0	21.48	Peak	358.00	100	Horizontal	Pass
5**	12322.500	42.59	0.69	54.0	11.41	AV	358.00	100	Horizontal	Pass
6	16162.237	53.39	2.07	74.0	20.61	Peak	256.00	400	Horizontal	Pass
6**	16162.237	45.05	2.07	54.0	8.95	AV	256.00	400	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	1481.000	38.16	-16.75	74.0	35.84	Peak	210.00	200	Vertical	Pass
1**	1481.000	28.92	-16.75	54.0	25.08	AV	210.00	200	Vertical	Pass
2	4172.500	47.01	-5.38	74.0	26.99	Peak	261.00	100	Vertical	Pass
2**	4172.500	36.50	-5.38	54.0	17.50	AV	261.00	100	Vertical	Pass
3	5743.750	100.36	-2.18	--	--	Peak	261.00	200	Vertical	N/A
3**	5743.750	92.16	-2.18	--	--	AV	261.00	200	Vertical	N/A
4	7710.500	52.82	1.96	74.0	21.18	Peak	360.00	100	Vertical	Pass
4**	7710.500	45.14	1.96	54.0	8.86	AV	360.00	100	Vertical	Pass
5	12334.375	52.58	0.76	74.0	21.42	Peak	134.00	150	Vertical	Pass
5**	12334.375	43.32	0.76	54.0	10.68	AV	134.00	150	Vertical	Pass
6	16063.799	53.49	1.27	74.0	20.51	Peak	207.00	100	Vertical	Pass
6**	16063.799	43.66	1.27	54.0	10.34	AV	207.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1606.500	38.37	-16.70	74.0	35.63	Peak	0.00	400	Horizontal	Pass
1**	1606.500	28.40	-16.70	54.0	25.60	AV	0.00	400	Horizontal	Pass
2	4374.500	47.26	-5.17	74.0	26.74	Peak	266.00	100	Horizontal	Pass
2**	4374.500	37.47	-5.17	54.0	16.53	AV	266.00	100	Horizontal	Pass
3	5786.000	106.14	-2.41	--	--	Peak	40.00	150	Horizontal	N/A
3**	5786.000	98.59	-2.41	--	--	AV	40.00	150	Horizontal	N/A
4	7490.000	53.36	1.37	74.0	20.64	Peak	172.00	200	Horizontal	Pass
4**	7490.000	43.97	1.37	54.0	10.03	AV	172.00	200	Horizontal	Pass
5	11802.138	52.99	-0.17	74.0	21.01	Peak	211.00	150	Horizontal	Pass
5**	11802.138	43.72	-0.17	54.0	10.28	AV	211.00	150	Horizontal	Pass
6	16166.175	53.36	2.04	74.0	20.64	Peak	19.00	400	Horizontal	Pass
6**	16166.175	44.00	2.04	54.0	10.00	AV	19.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.400	38.23	-17.09	74.0	35.77	Peak	62.00	100	Vertical	Pass
1**	1495.400	28.56	-17.09	54.0	25.44	AV	62.00	100	Vertical	Pass
2	4380.750	47.48	-5.40	74.0	26.52	Peak	286.00	100	Vertical	Pass
2**	4380.750	37.28	-5.40	54.0	16.72	AV	286.00	100	Vertical	Pass
3	5782.500	99.84	-2.82	--	--	Peak	263.00	150	Vertical	N/A
3**	5782.500	92.18	-2.82	--	--	AV	263.00	150	Vertical	N/A
4	7363.250	53.22	0.63	74.0	20.78	Peak	263.00	200	Vertical	Pass
4**	7363.250	43.57	0.63	54.0	10.43	AV	263.00	200	Vertical	Pass
5	11778.625	52.37	-0.17	74.0	21.63	Peak	288.00	200	Vertical	Pass
5**	11778.625	43.29	-0.17	54.0	10.71	AV	288.00	200	Vertical	Pass
6	16154.625	53.34	2.12	74.0	20.66	Peak	108.00	300	Vertical	Pass
6**	16154.625	44.35	2.12	54.0	9.65	AV	108.00	300	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	1573.500	38.67	-17.03	74.0	35.33	Peak	200.00	200	Horizontal	Pass
1**	1573.500	29.21	-17.03	54.0	24.79	AV	200.00	200	Horizontal	Pass
2	4345.000	46.82	-5.06	74.0	27.18	Peak	348.00	400	Horizontal	Pass
2**	4345.000	37.81	-5.06	54.0	16.19	AV	348.00	400	Horizontal	Pass
3	5824.000	105.80	-2.72	--	--	Peak	36.00	100	Horizontal	N/A
3**	5824.000	98.23	-2.72	--	--	AV	36.00	100	Horizontal	N/A
4	7496.500	53.63	0.73	74.0	20.37	Peak	57.00	400	Horizontal	Pass
4**	7496.500	44.17	0.73	54.0	9.83	AV	57.00	400	Horizontal	Pass
5	11796.200	52.77	-0.15	74.0	21.23	Peak	157.00	200	Horizontal	Pass
5**	11796.200	44.26	-0.15	54.0	9.74	AV	157.00	200	Horizontal	Pass
6	16162.763	53.44	2.07	74.0	20.56	Peak	212.00	400	Horizontal	Pass
6**	16162.763	45.25	2.07	54.0	8.75	AV	212.00	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	1601.700	38.26	-16.83	74.0	35.74	Peak	354.00	300	Vertical	Pass
1**	1601.700	29.17	-16.83	54.0	24.83	AV	354.00	300	Vertical	Pass
2	4255.250	46.87	-4.03	74.0	27.13	Peak	208.00	200	Vertical	Pass
2**	4255.250	38.42	-4.03	54.0	15.58	AV	208.00	200	Vertical	Pass
3	5824.250	98.68	-2.60	--	--	Peak	278.00	200	Vertical	N/A
3**	5824.250	91.91	-2.60	--	--	AV	278.00	200	Vertical	N/A
4	7357.500	52.83	0.68	74.0	21.17	Peak	360.00	400	Vertical	Pass
4**	7357.500	44.04	0.68	54.0	9.96	AV	360.00	400	Vertical	Pass
5	11788.125	52.70	-0.16	74.0	21.30	Peak	147.00	200	Vertical	Pass
5**	11788.125	43.96	-0.16	54.0	10.04	AV	147.00	200	Vertical	Pass
6	16170.112	53.28	2.02	74.0	20.72	Peak	55.00	400	Vertical	Pass
6**	16170.112	43.99	2.02	54.0	10.01	AV	55.00	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	1616.400	38.15	-16.88	74.0	35.85	Peak	354.00	300	Horizontal	Pass
1**	1616.400	28.25	-16.88	54.0	25.75	AV	354.00	300	Horizontal	Pass
2	4239.500	46.58	-5.02	74.0	27.42	Peak	174.00	100	Horizontal	Pass
2**	4239.500	37.80	-5.02	54.0	16.20	AV	174.00	100	Horizontal	Pass
3	5752.250	103.25	-2.02	--	--	Peak	40.00	200	Horizontal	N/A
3**	5752.250	95.34	-2.02	--	--	AV	40.00	200	Horizontal	N/A
4	7704.750	53.55	2.00	74.0	20.45	Peak	84.00	400	Horizontal	Pass
4**	7704.750	43.98	2.00	54.0	10.02	AV	84.00	400	Horizontal	Pass
5	11781.950	53.57	-0.16	74.0	20.43	Peak	314.00	200	Horizontal	Pass
5**	11781.950	44.20	-0.16	54.0	9.80	AV	314.00	200	Horizontal	Pass
6	16164.076	53.44	2.06	74.0	20.56	Peak	4.00	300	Horizontal	Pass
6**	16164.076	44.76	2.06	54.0	9.24	AV	4.00	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	1451.500	38.37	-17.08	74.0	35.63	Peak	145.00	400	Vertical	Pass
1**	1451.500	28.71	-17.08	54.0	25.29	AV	145.00	400	Vertical	Pass
2	4385.000	46.98	-5.14	74.0	27.02	Peak	147.00	400	Vertical	Pass
2**	4385.000	37.95	-5.14	54.0	16.05	AV	147.00	400	Vertical	Pass
3	5753.250	96.86	-2.25	--	--	Peak	277.00	200	Vertical	N/A
3**	5753.250	88.51	-2.25	--	--	AV	277.00	200	Vertical	N/A
4	7306.750	53.32	0.39	74.0	20.68	Peak	62.00	300	Vertical	Pass
4**	7306.750	43.72	0.39	54.0	10.28	AV	62.00	300	Vertical	Pass
5	11777.912	52.64	-0.17	74.0	21.36	Peak	297.00	150	Vertical	Pass
5**	11777.912	43.05	-0.17	54.0	10.95	AV	297.00	150	Vertical	Pass
6	16145.175	53.17	2.11	74.0	20.83	Peak	314.00	100	Vertical	Pass
6**	16145.175	43.83	2.11	54.0	10.17	AV	314.00	100	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	1606.500	38.58	-16.70	74.0	35.42	Peak	75.00	300	Horizontal	Pass
1**	1606.500	29.34	-16.70	54.0	24.66	AV	75.00	300	Horizontal	Pass
2	4063.000	47.15	-5.63	74.0	26.85	Peak	241.00	300	Horizontal	Pass
2**	4063.000	36.80	-5.63	54.0	17.20	AV	241.00	300	Horizontal	Pass
3	5793.500	103.52	-2.17	--	--	Peak	40.00	150	Horizontal	N/A
3**	5793.500	96.60	-2.17	--	--	AV	40.00	150	Horizontal	N/A
4	7744.750	53.76	0.06	74.0	20.24	Peak	64.00	400	Horizontal	Pass
4**	7744.750	42.97	0.06	54.0	11.03	AV	64.00	400	Horizontal	Pass
5	11786.225	52.20	-0.16	74.0	21.80	Peak	178.00	200	Horizontal	Pass
5**	11786.225	43.95	-0.16	54.0	10.05	AV	178.00	200	Horizontal	Pass
6	16161.713	53.41	2.07	74.0	20.59	Peak	304.00	200	Horizontal	Pass
6**	16161.713	44.52	2.07	54.0	9.48	AV	304.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1576.700	38.41	-16.94	74.0	35.59	Peak	0.00	100	Vertical	Pass
1**	1576.700	28.42	-16.94	54.0	25.58	AV	0.00	100	Vertical	Pass
2	4071.500	47.55	-5.82	74.0	26.45	Peak	62.00	200	Vertical	Pass
2**	4071.500	36.04	-5.82	54.0	17.96	AV	62.00	200	Vertical	Pass
3	5796.500	96.30	-2.26	--	--	Peak	285.00	150	Vertical	N/A
3**	5796.500	88.80	-2.26	--	--	AV	285.00	150	Vertical	N/A
4	7560.500	53.73	0.30	74.0	20.27	Peak	285.00	400	Vertical	Pass
4**	7560.500	43.74	0.30	54.0	10.26	AV	285.00	400	Vertical	Pass
5	11778.862	53.29	-0.17	74.0	20.71	Peak	24.00	100	Vertical	Pass
5**	11778.862	43.15	-0.17	54.0	10.85	AV	24.00	100	Vertical	Pass
6	16162.237	53.80	2.07	74.0	20.20	Peak	144.00	100	Vertical	Pass
6**	16162.237	43.73	2.07	54.0	10.27	AV	144.00	100	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	1594.300	37.98	-16.97	74.0	36.02	Peak	0.00	200	Horizontal	Pass
1**	1594.300	28.31	-16.97	54.0	25.69	AV	0.00	200	Horizontal	Pass
2	4255.000	46.99	-4.05	74.0	27.01	Peak	154.00	300	Horizontal	Pass
2**	4255.000	38.19	-4.05	54.0	15.81	AV	154.00	300	Horizontal	Pass
3	5769.500	100.44	-2.11	--	--	Peak	40.00	100	Horizontal	N/A
3**	5769.500	91.87	-2.11	--	--	AV	40.00	100	Horizontal	N/A
4	7739.750	52.88	0.29	74.0	21.12	Peak	0.00	200	Horizontal	Pass
4**	7739.750	44.41	0.29	54.0	9.59	AV	0.00	200	Horizontal	Pass
5	11800.475	52.67	-0.15	74.0	21.33	Peak	140.00	200	Horizontal	Pass
5**	11800.475	43.56	-0.15	54.0	10.44	AV	140.00	200	Horizontal	Pass
6	16168.013	52.85	2.03	74.0	21.15	Peak	222.00	400	Horizontal	Pass
6**	16168.013	44.00	2.03	54.0	10.00	AV	222.00	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	1502.200	38.81	-17.08	74.0	35.19	Peak	31.00	400	Vertical	Pass
1**	1502.200	29.07	-17.08	54.0	24.93	AV	31.00	400	Vertical	Pass
2	4256.750	47.02	-4.12	74.0	26.98	Peak	360.00	200	Vertical	Pass
2**	4256.750	38.42	-4.12	54.0	15.58	AV	360.00	200	Vertical	Pass
3	5781.500	92.99	-2.75	--	--	Peak	271.00	200	Vertical	N/A
3**	5781.500	85.52	-2.75	--	--	AV	271.00	200	Vertical	N/A
4	7370.000	53.28	1.11	74.0	20.72	Peak	134.00	100	Vertical	Pass
4**	7370.000	43.86	1.11	54.0	10.14	AV	134.00	100	Vertical	Pass
5	11798.813	52.19	-0.15	74.0	21.81	Peak	7.00	200	Vertical	Pass
5**	11798.813	43.54	-0.15	54.0	10.46	AV	7.00	200	Vertical	Pass
6	16096.612	52.78	1.71	74.0	21.22	Peak	360.00	200	Vertical	Pass
6**	16096.612	44.32	1.71	54.0	9.68	AV	360.00	200	Vertical	Pass

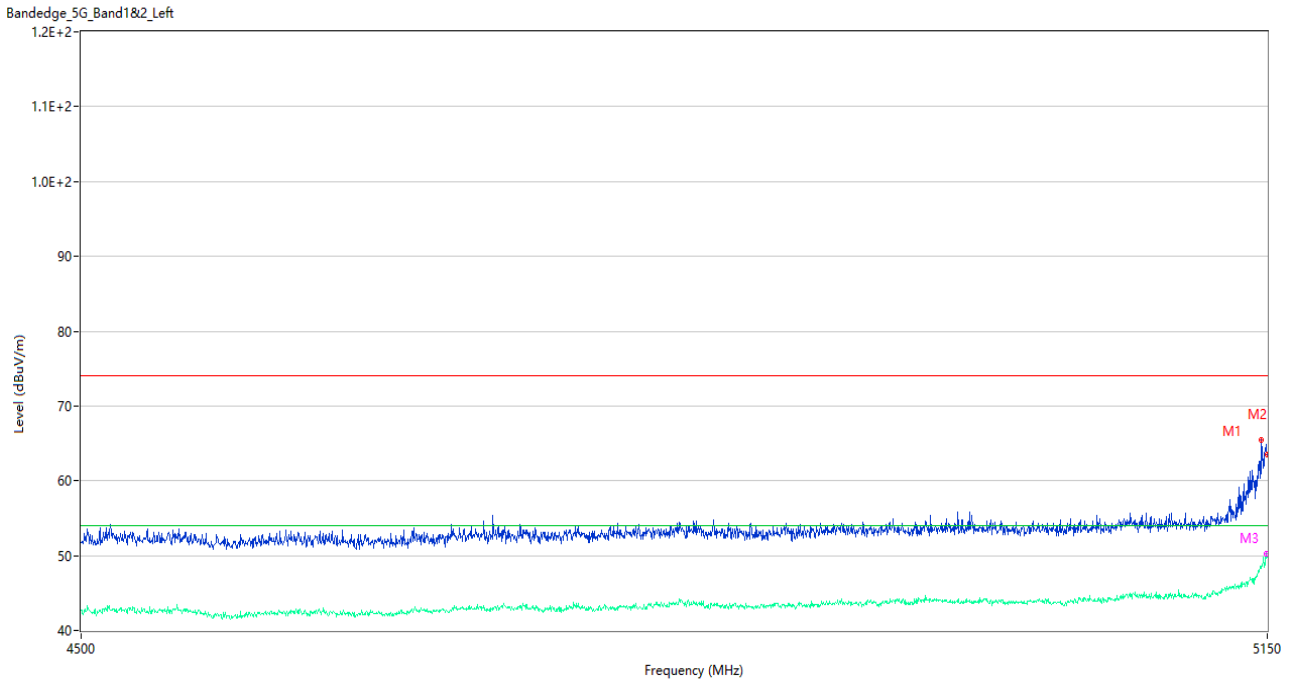
A.6.2 Band Edge (Restricted-band)

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

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

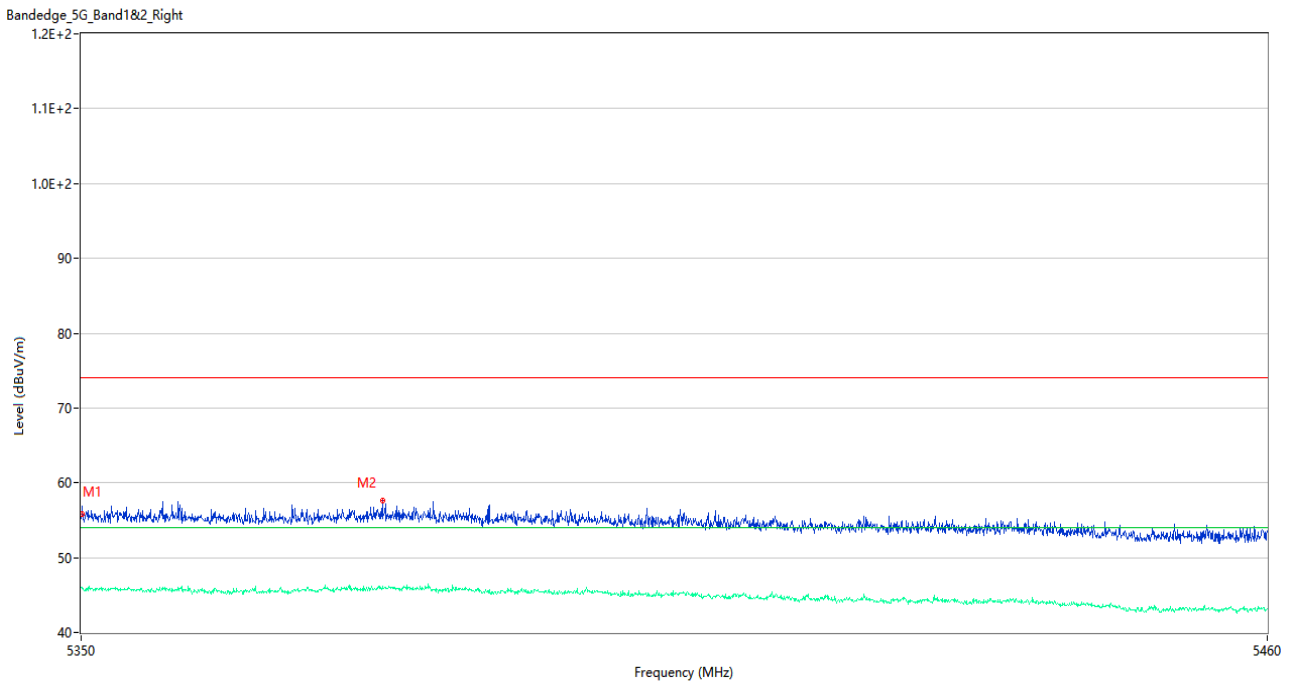
Test Data and Plots

U-NII-1 11a Low Channel



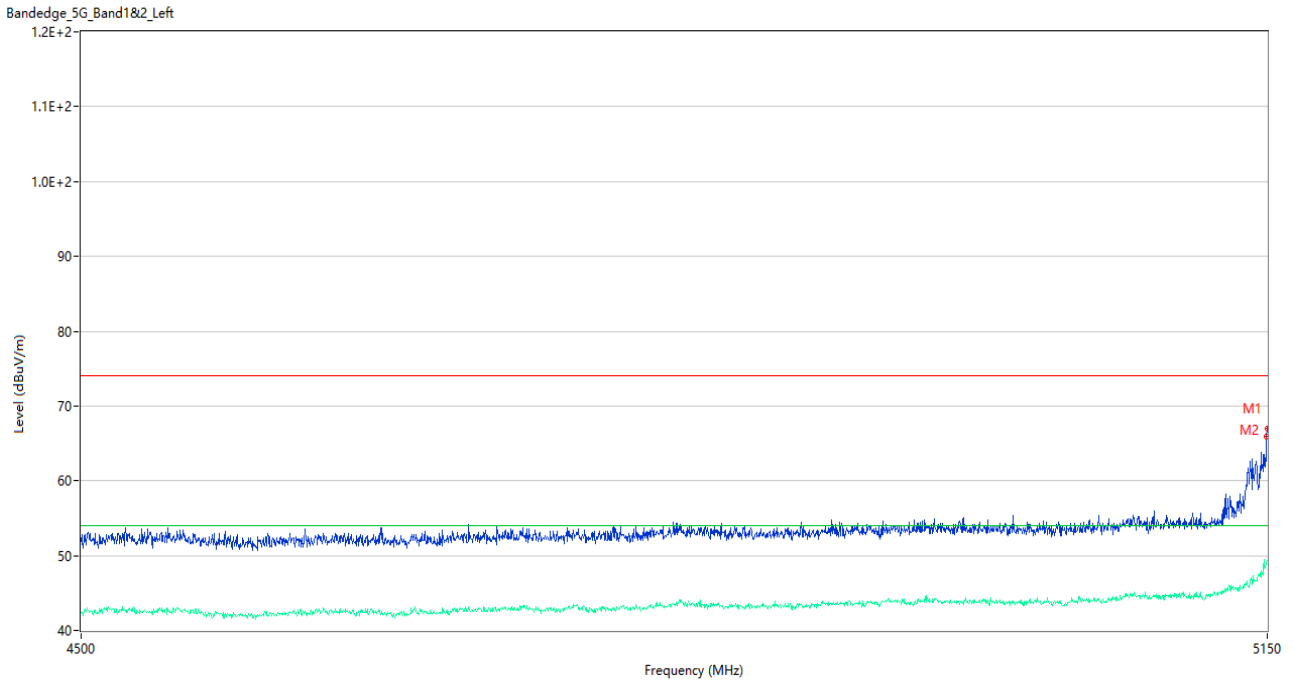
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	65.48	3.04	74.0	8.52	Peak	67.00	100	Horizontal	Pass
1**	5146.750	48.54	3.04	54.0	5.46	AV	67.00	100	Horizontal	Pass
2	5150.000	63.44	2.86	74.0	10.56	Peak	167.00	100	Horizontal	Pass
2**	5150.000	49.74	2.86	54.0	4.26	AV	167.00	100	Horizontal	Pass
3	5149.675	64.36	2.85	74.0	9.64	Peak	131.00	100	Horizontal	Pass
3**	5149.675	50.30	2.85	54.0	3.70	AV	131.00	100	Horizontal	Pass

U-NII-1 11a High Channel



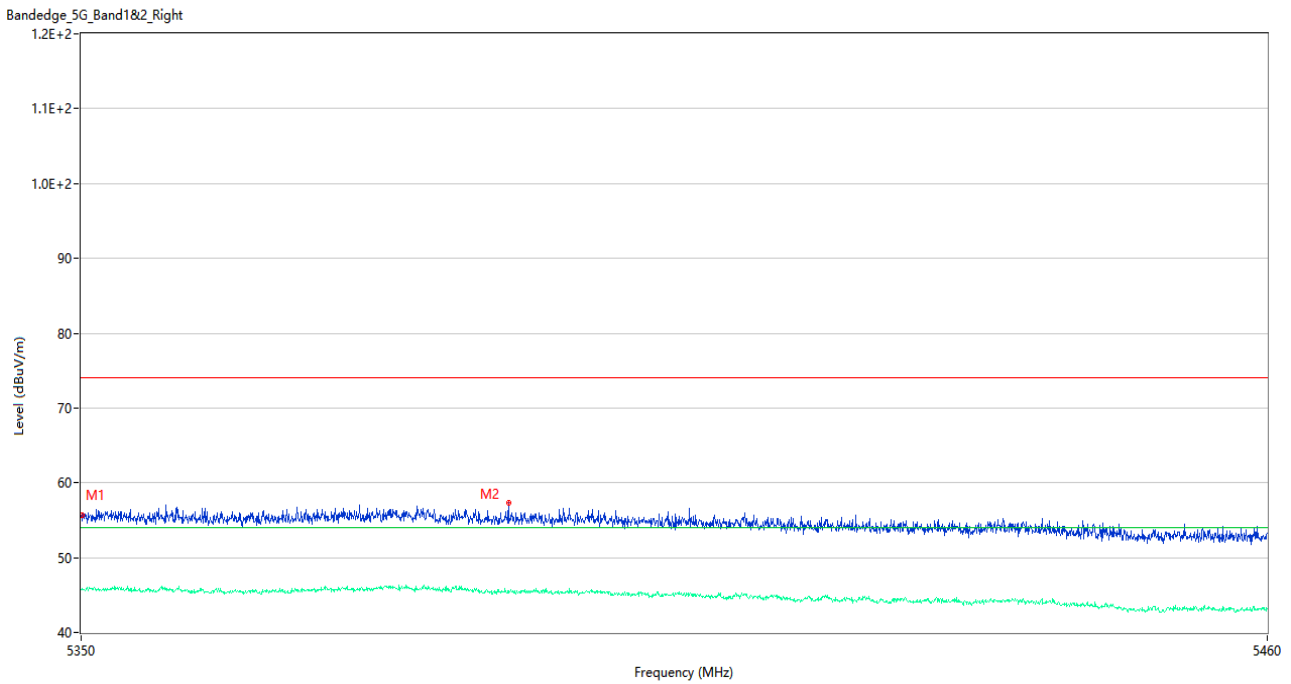
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.84	3.30	74.0	18.16	Peak	174.00	100	Horizontal	Pass
1**	5350.055	46.02	3.30	54.0	7.98	AV	174.00	100	Horizontal	Pass
2	5377.720	57.60	3.12	74.0	16.40	Peak	6.00	100	Horizontal	Pass
2**	5377.720	46.24	3.12	54.0	7.76	AV	6.00	100	Horizontal	Pass

U-NII-1 11n20 Low Channel



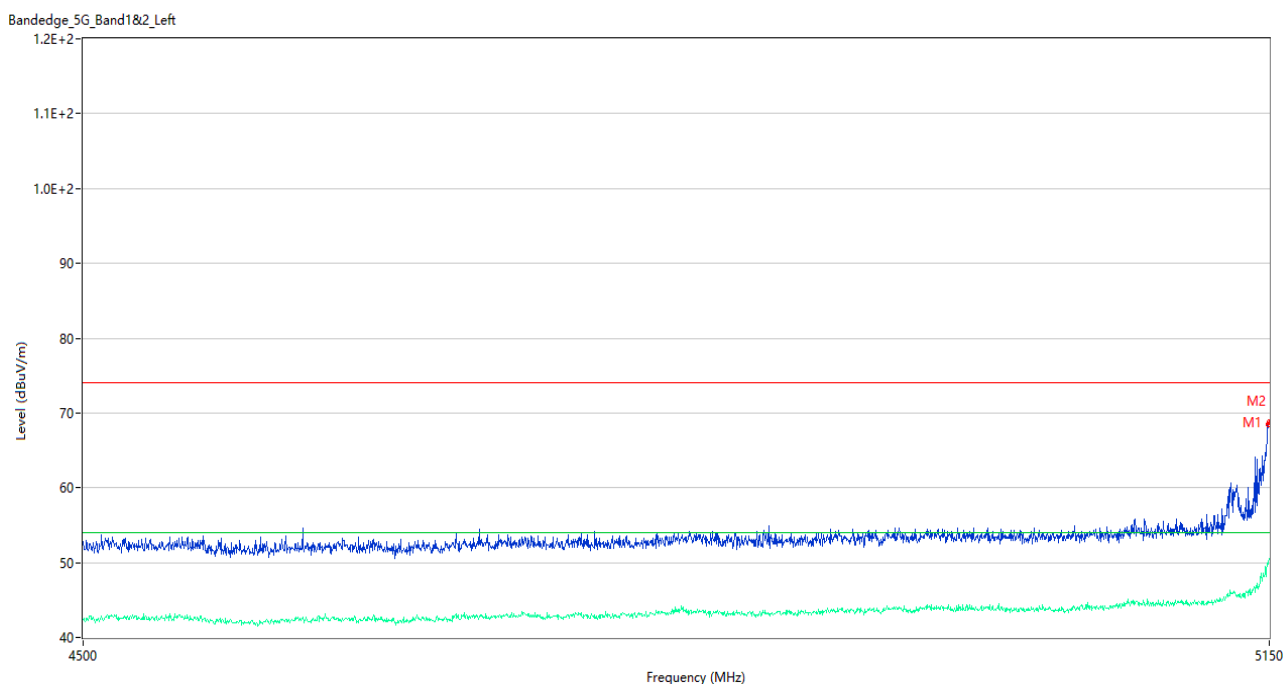
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	65.91	2.85	74.0	8.09	Peak	167.00	200	Horizontal	Pass
1**	5149.675	49.14	2.85	54.0	4.86	AV	167.00	200	Horizontal	Pass
2	5150.000	67.01	2.86	74.0	6.99	Peak	82.00	100	Horizontal	Pass
2**	5150.000	49.39	2.86	54.0	4.61	AV	82.00	100	Horizontal	Pass

U-NII-1 11n20 High Channel



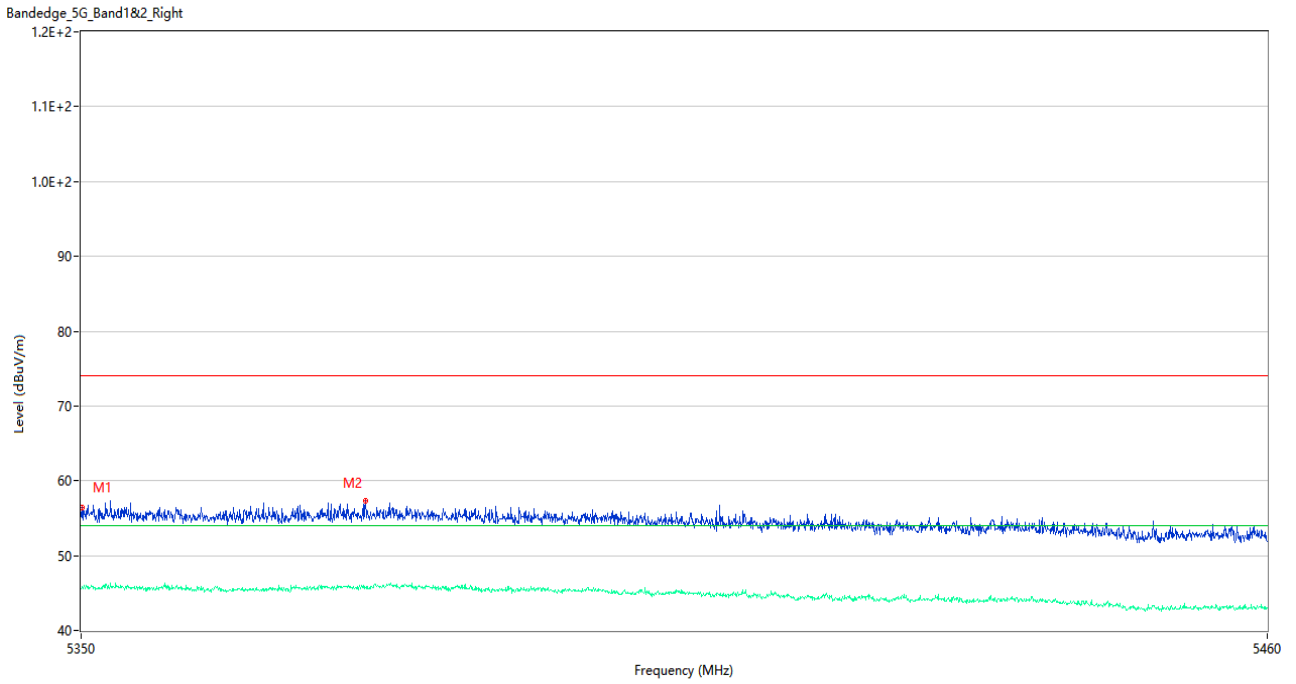
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.64	3.30	74.0	18.36	Peak	269.00	150	Horizontal	Pass
1**	5350.055	45.77	3.30	54.0	8.23	AV	269.00	150	Horizontal	Pass
2	5389.380	57.32	2.96	74.0	16.68	Peak	232.00	100	Horizontal	Pass
2**	5389.380	45.56	2.96	54.0	8.44	AV	232.00	100	Horizontal	Pass

U-NII-1 11n40 Low Channel



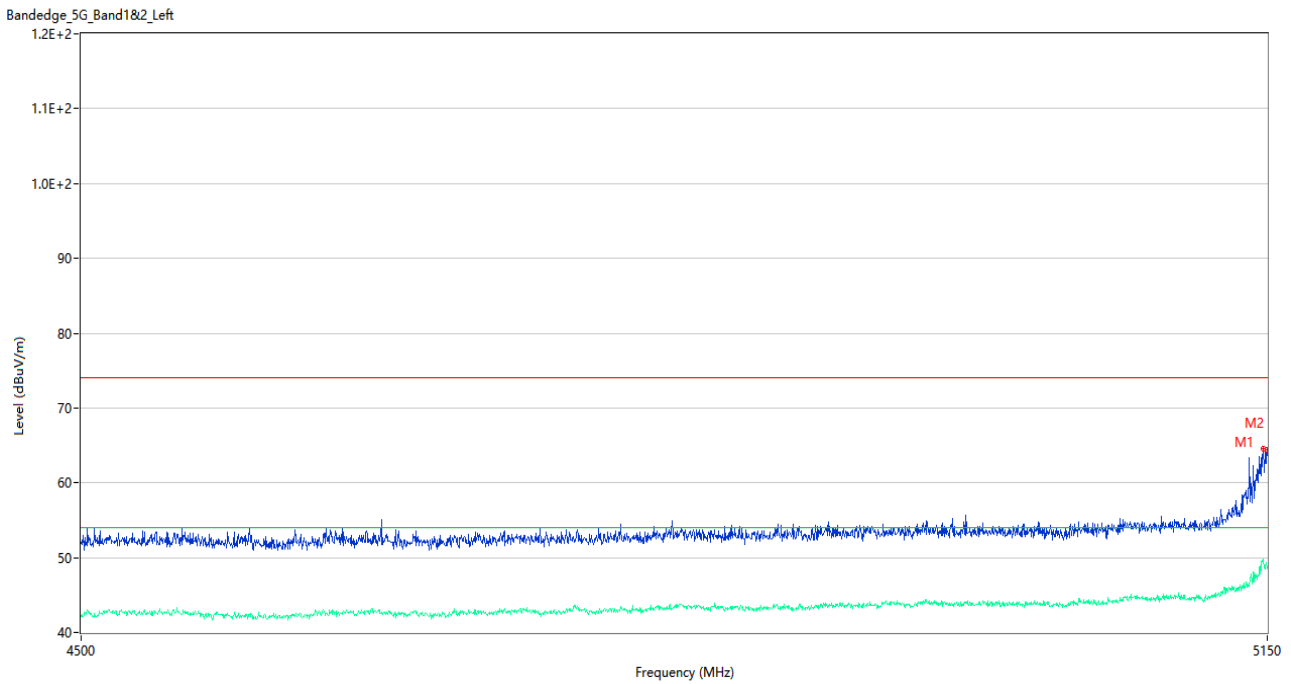
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	68.42	2.85	74.0	5.58	Peak	169.00	150	Horizontal	Pass
1**	5149.350	49.84	2.85	54.0	4.16	AV	169.00	150	Horizontal	Pass
2	5150.000	68.76	2.86	74.0	5.24	Peak	162.00	100	Horizontal	Pass
2**	5150.000	50.61	2.86	54.0	3.39	AV	162.00	100	Horizontal	Pass

U-NII-1 11n40 High Channel



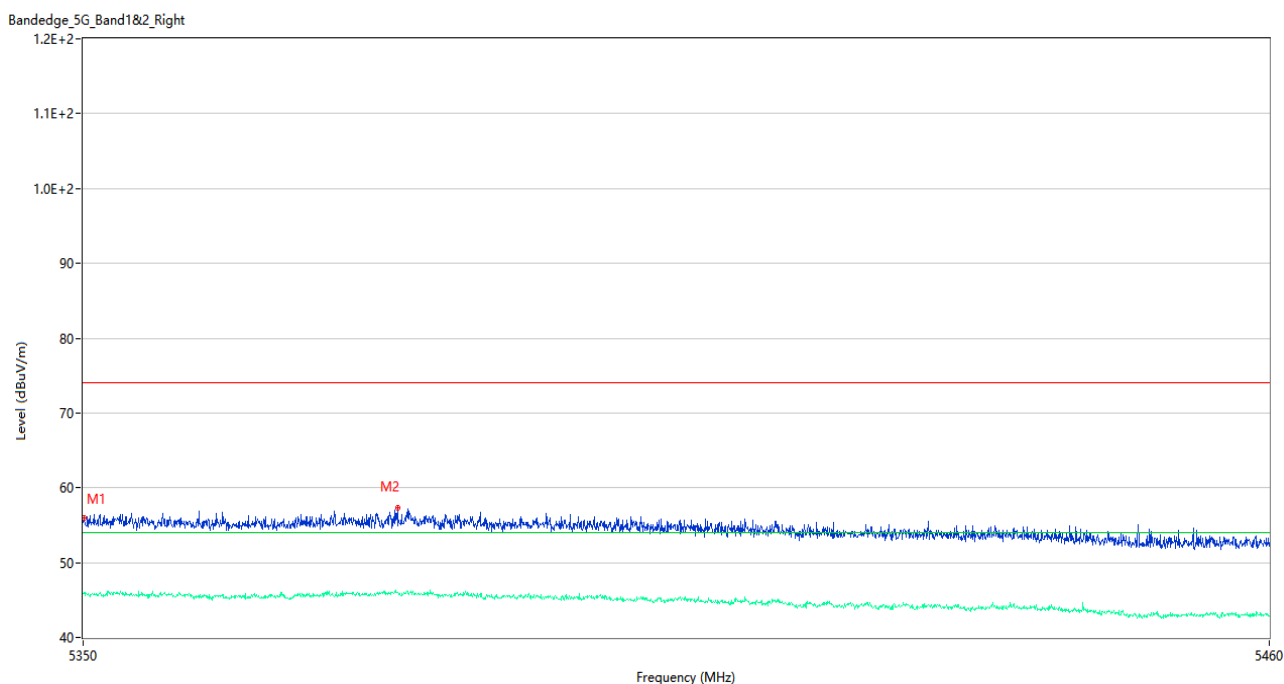
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.37	3.30	74.0	17.63	Peak	78.00	100	Horizontal	Pass
1**	5350.055	45.75	3.30	54.0	8.25	AV	78.00	100	Horizontal	Pass
2	5376.180	57.39	2.89	74.0	16.61	Peak	144.00	150	Horizontal	Pass
2**	5376.180	45.79	2.89	54.0	8.21	AV	144.00	150	Horizontal	Pass

U-NII-1 11ac20 Low Channel



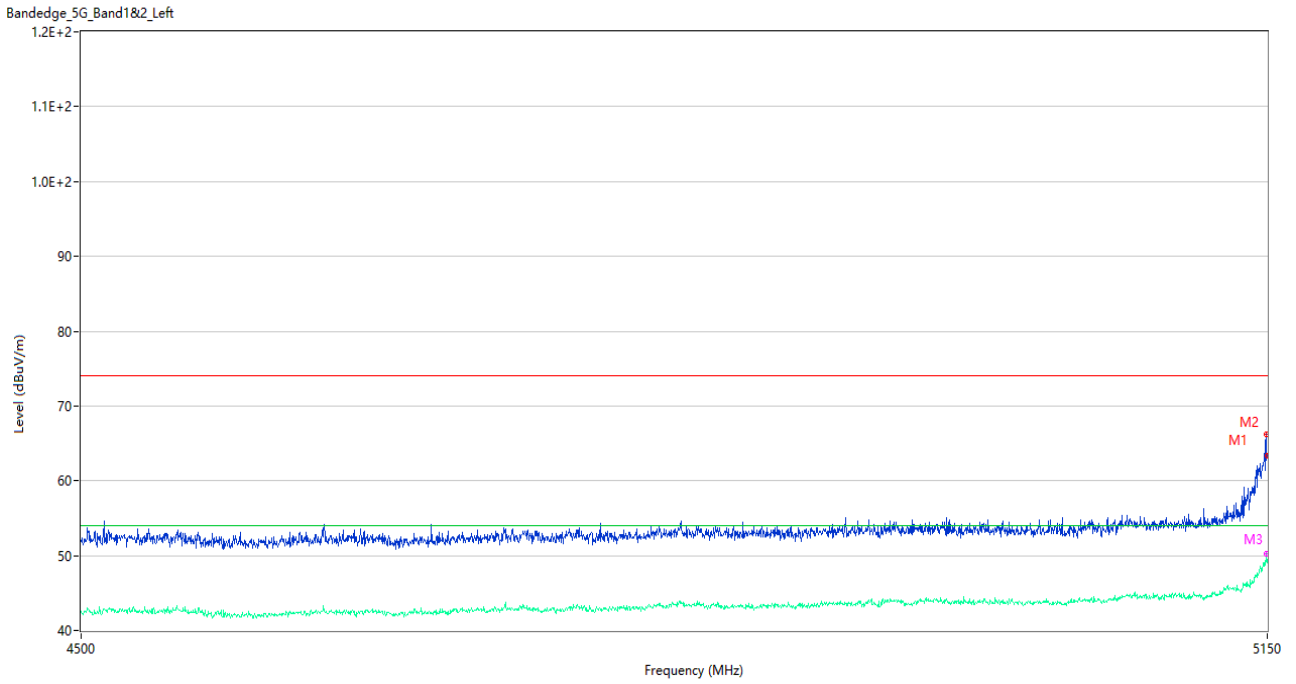
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.400	64.54	2.94	74.0	9.46	Peak	169.00	100	Horizontal	Pass
1**	5147.400	49.29	2.94	54.0	4.71	AV	169.00	100	Horizontal	Pass
2	5150.000	64.37	2.86	74.0	9.63	Peak	64.00	100	Horizontal	Pass
2**	5150.000	48.65	2.86	54.0	5.35	AV	64.00	100	Horizontal	Pass

U-NII-1 11ac20 High Channel



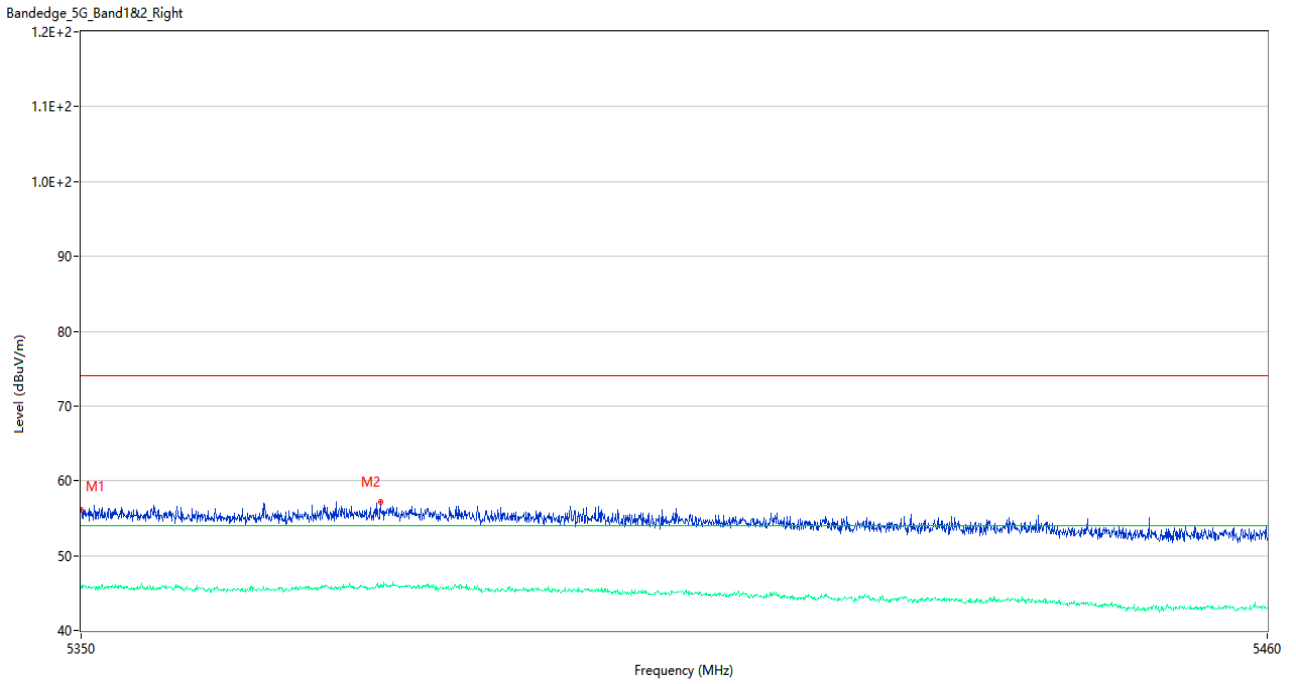
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.02	3.30	74.0	17.98	Peak	49.00	100	Horizontal	Pass
1**	5350.055	45.96	3.30	54.0	8.04	AV	49.00	100	Horizontal	Pass
2	5378.930	57.25	3.23	74.0	16.75	Peak	185.00	200	Horizontal	Pass
2**	5378.930	46.05	3.23	54.0	7.95	AV	185.00	200	Horizontal	Pass

U-NII-1 11ac40 Low Channel



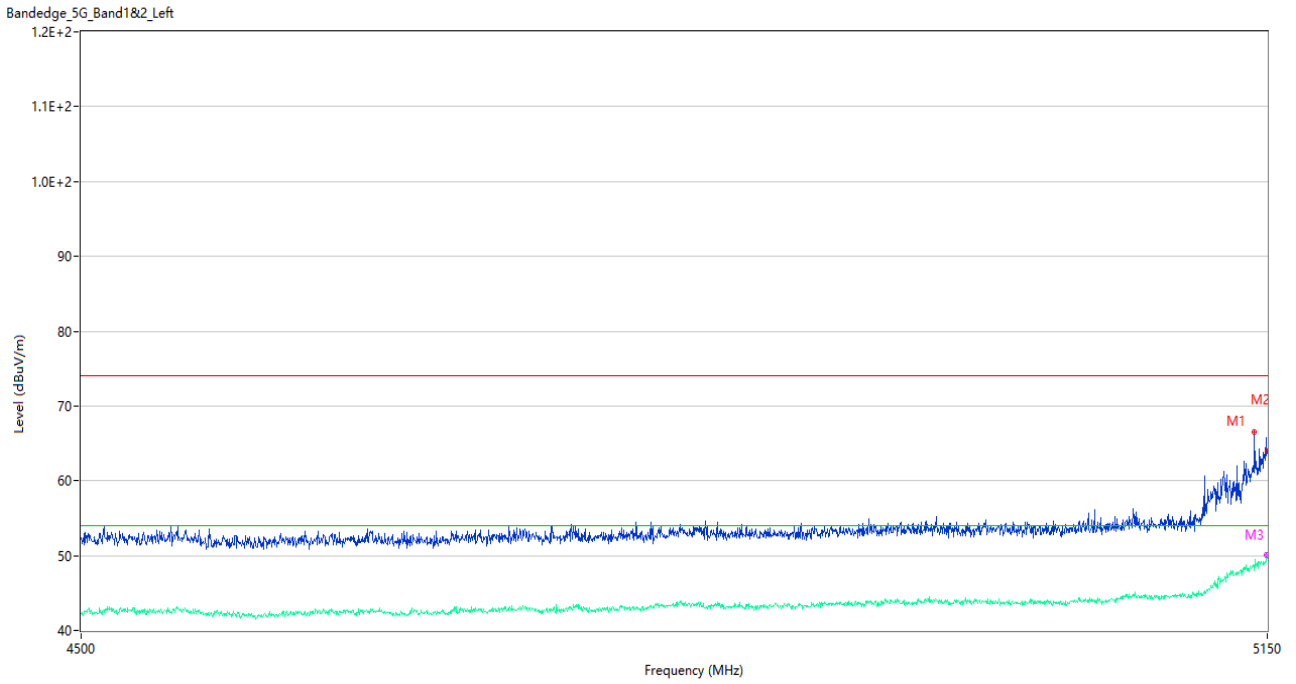
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	66.16	2.85	74.0	7.84	Peak	117.00	100	Horizontal	Pass
1**	5149.350	49.52	2.85	54.0	4.48	AV	117.00	100	Horizontal	Pass
2	5150.000	63.36	2.86	74.0	10.64	Peak	155.00	150	Horizontal	Pass
2**	5150.000	49.04	2.86	54.0	4.96	AV	155.00	150	Horizontal	Pass
3	5149.675	62.74	2.85	74.0	11.26	Peak	155.00	150	Horizontal	Pass
3**	5149.675	50.22	2.85	54.0	3.78	AV	155.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel



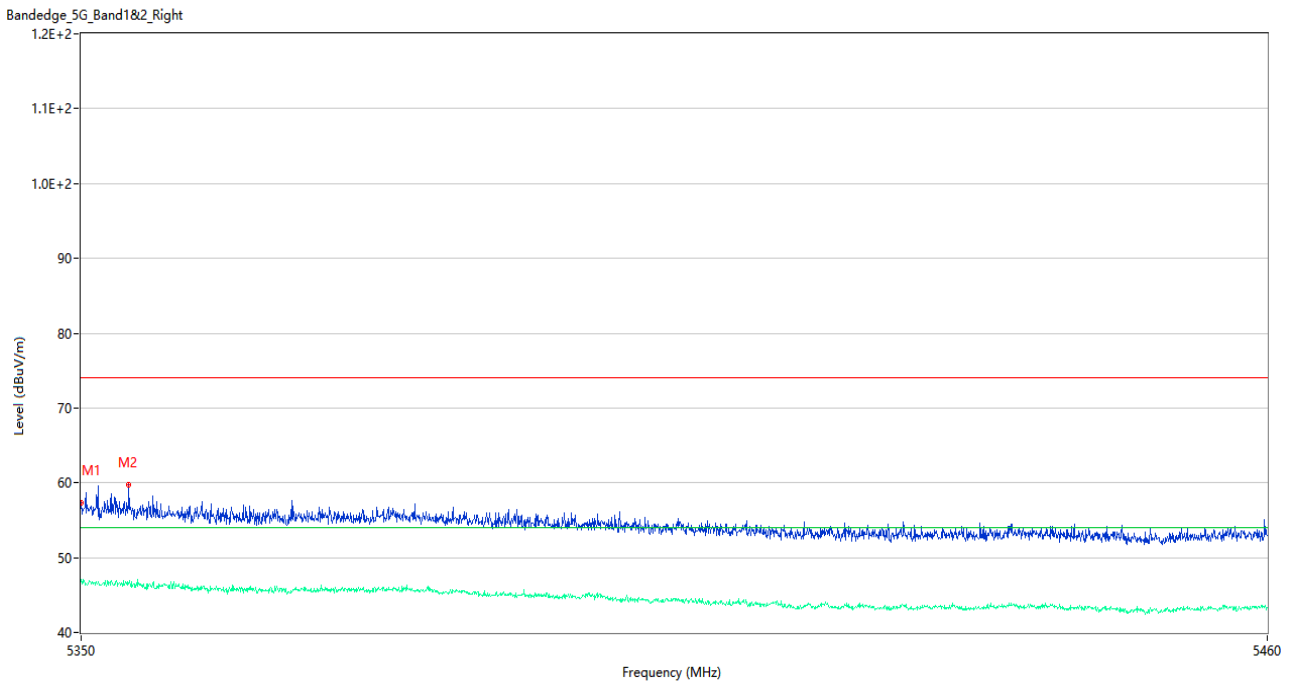
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.09	3.32	74.0	17.91	Peak	261.00	150	Horizontal	Pass
1**	5350.000	45.84	3.32	54.0	8.16	AV	261.00	150	Horizontal	Pass
2	5377.555	57.21	3.11	74.0	16.79	Peak	74.00	200	Horizontal	Pass
2**	5377.555	45.89	3.11	54.0	8.11	AV	74.00	200	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



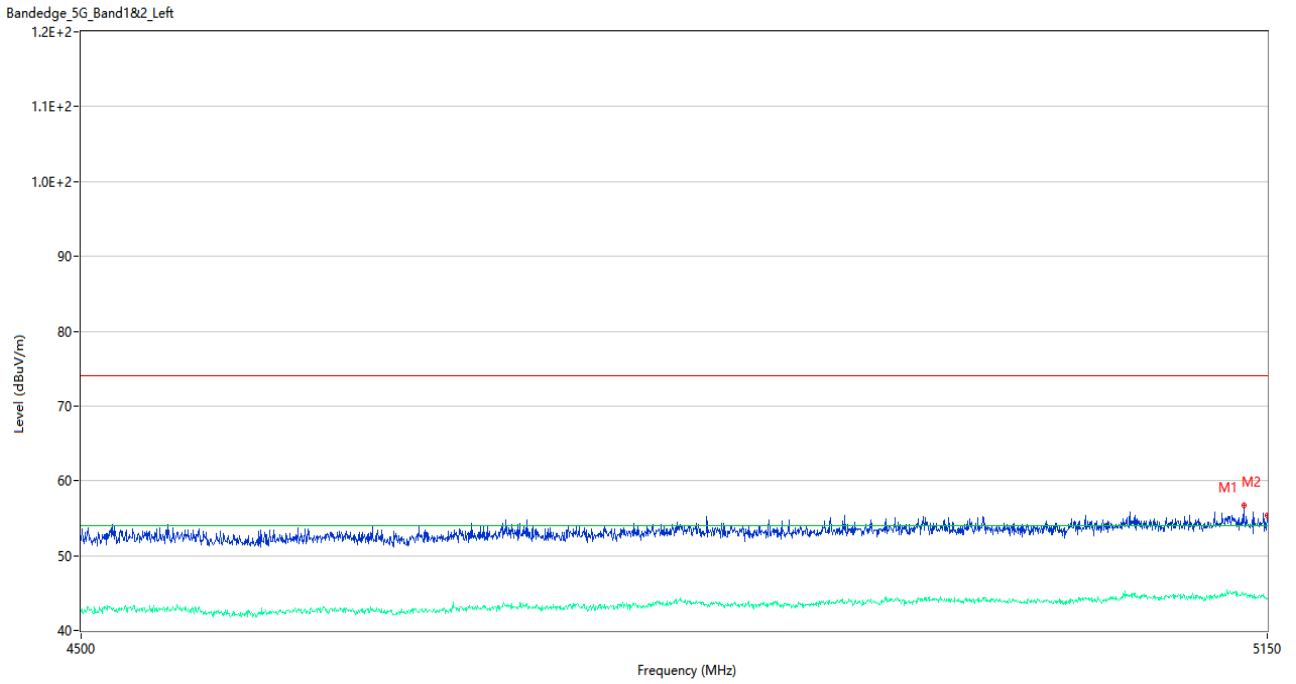
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5142.525	66.46	2.56	74.0	7.54	Peak	168.00	150	Horizontal	Pass
1**	5142.525	48.06	2.56	54.0	5.94	AV	168.00	150	Horizontal	Pass
2	5150.000	63.90	2.86	74.0	10.10	Peak	161.00	150	Horizontal	Pass
2**	5150.000	49.57	2.86	54.0	4.43	AV	161.00	150	Horizontal	Pass
3	5149.675	63.36	2.85	74.0	10.64	Peak	158.00	150	Horizontal	Pass
3**	5149.675	50.11	2.85	54.0	3.89	AV	158.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



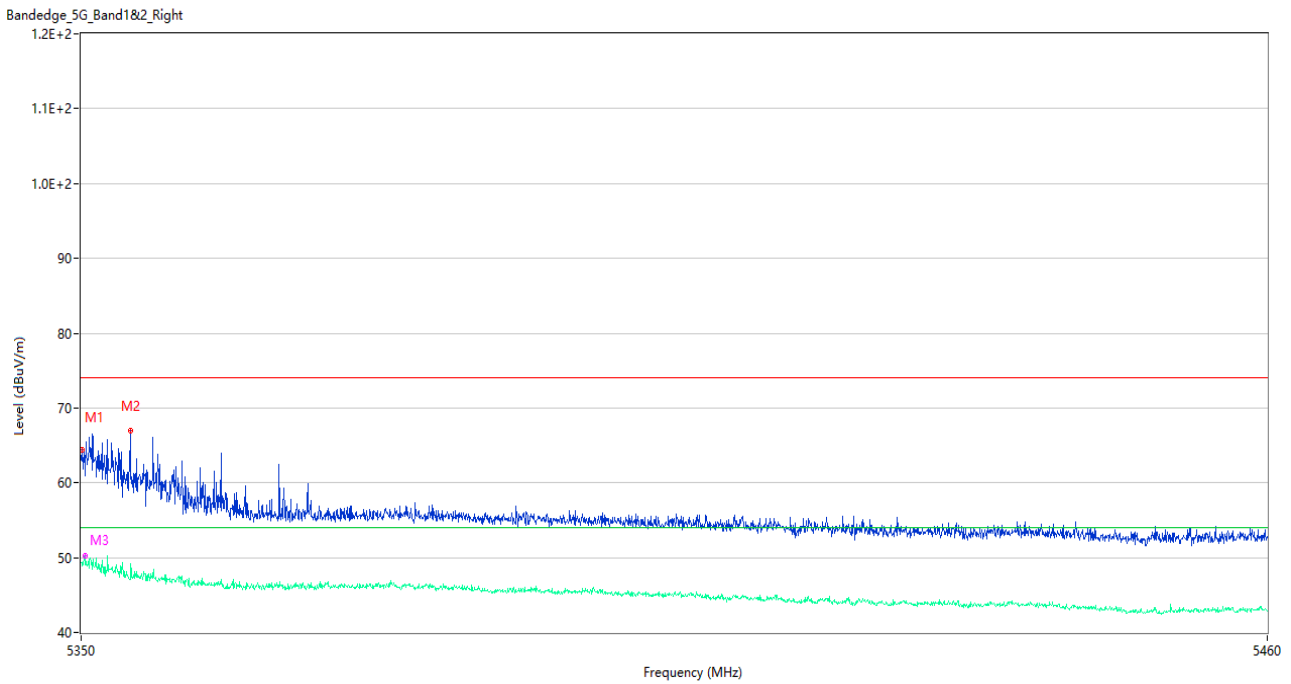
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.33	3.32	74.0	16.67	Peak	157.00	200	Horizontal	Pass
1**	5350.000	47.01	3.32	54.0	6.99	AV	157.00	200	Horizontal	Pass
2	5354.400	59.72	3.05	74.0	14.28	Peak	171.00	200	Horizontal	Pass
2**	5354.400	46.49	3.05	54.0	7.51	AV	171.00	200	Horizontal	Pass

U-NII-2A 11a Low Channel



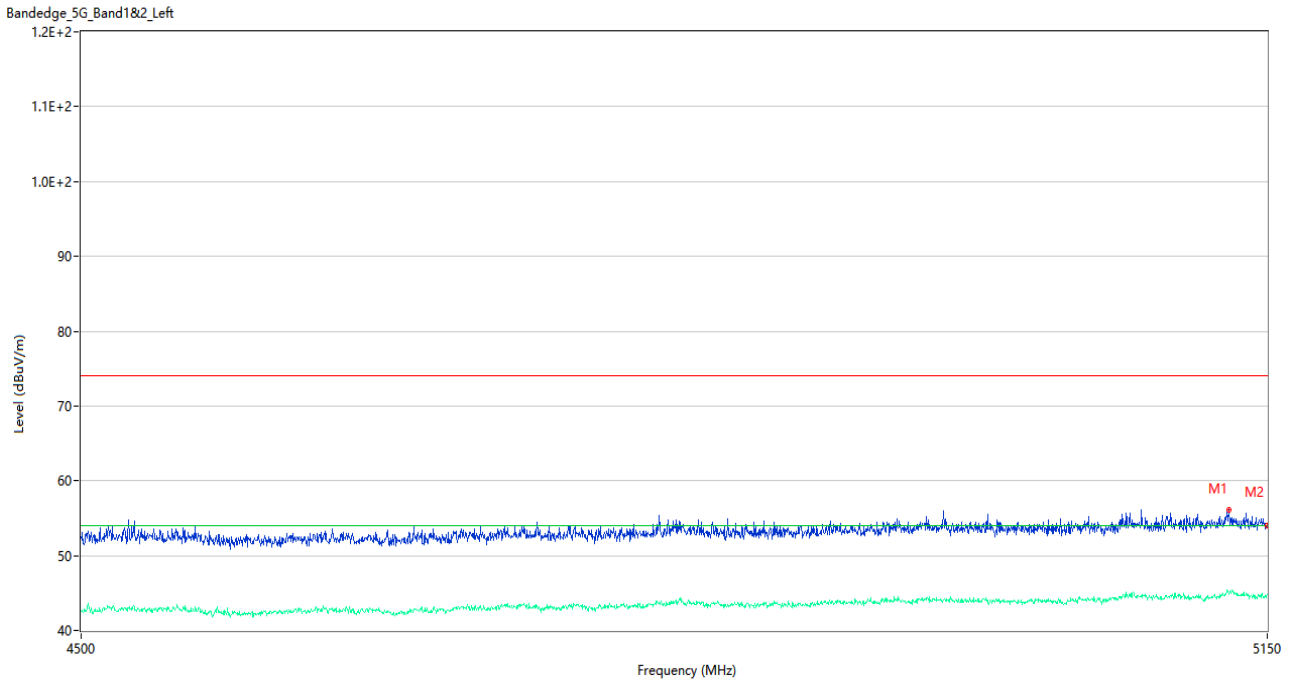
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5136.350	56.68	3.19	74.0	17.32	Peak	55.00	150	Horizontal	Pass
1**	5136.350	44.87	3.19	54.0	9.13	AV	55.00	150	Horizontal	Pass
2	5150.000	55.42	2.86	74.0	18.58	Peak	20.00	150	Horizontal	Pass
2**	5150.000	44.17	2.86	54.0	9.83	AV	20.00	150	Horizontal	Pass

U-NII-2A 11a High Channel



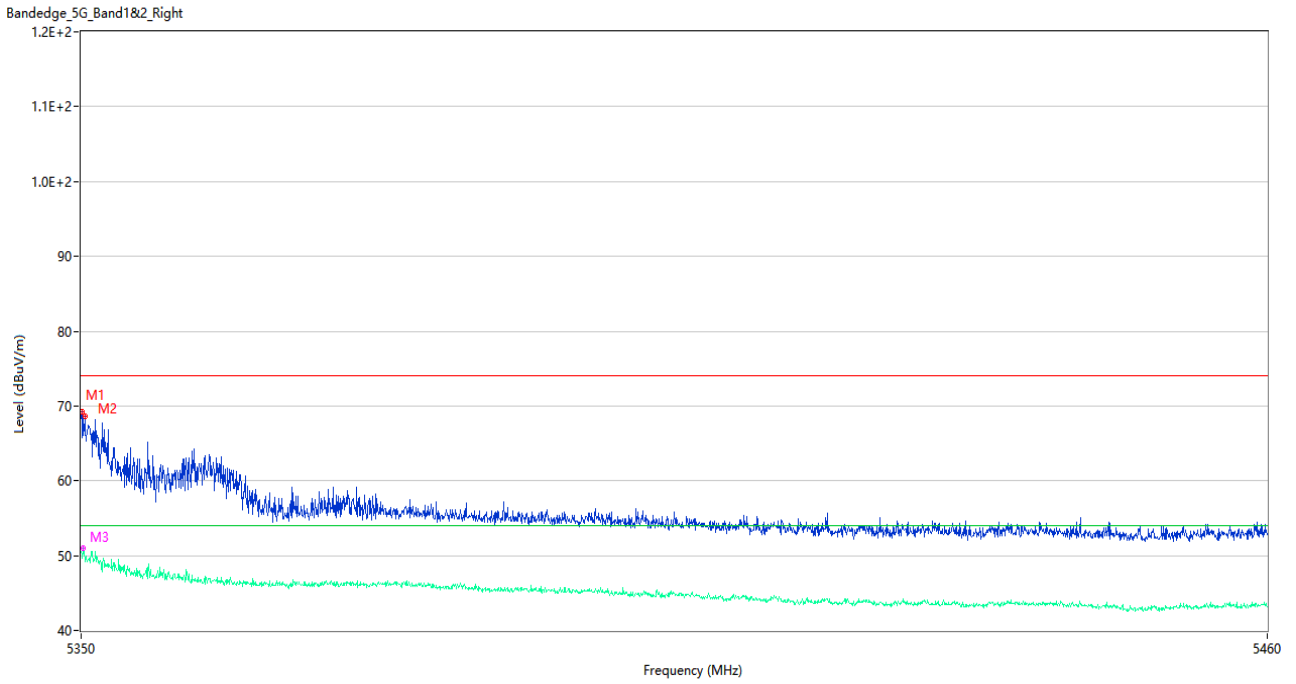
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	64.37	3.30	74.0	9.63	Peak	148.00	100	Horizontal	Pass
1**	5350.055	49.40	3.30	54.0	4.60	AV	148.00	100	Horizontal	Pass
2	5354.510	66.99	3.00	74.0	7.01	Peak	157.00	200	Horizontal	Pass
2**	5354.510	47.10	3.00	54.0	6.90	AV	157.00	200	Horizontal	Pass
3	5350.330	60.87	3.17	74.0	13.13	Peak	123.00	200	Horizontal	Pass
3**	5350.330	50.23	3.17	54.0	3.77	AV	123.00	200	Horizontal	Pass

U-NII-2A 11n20 Low Channel



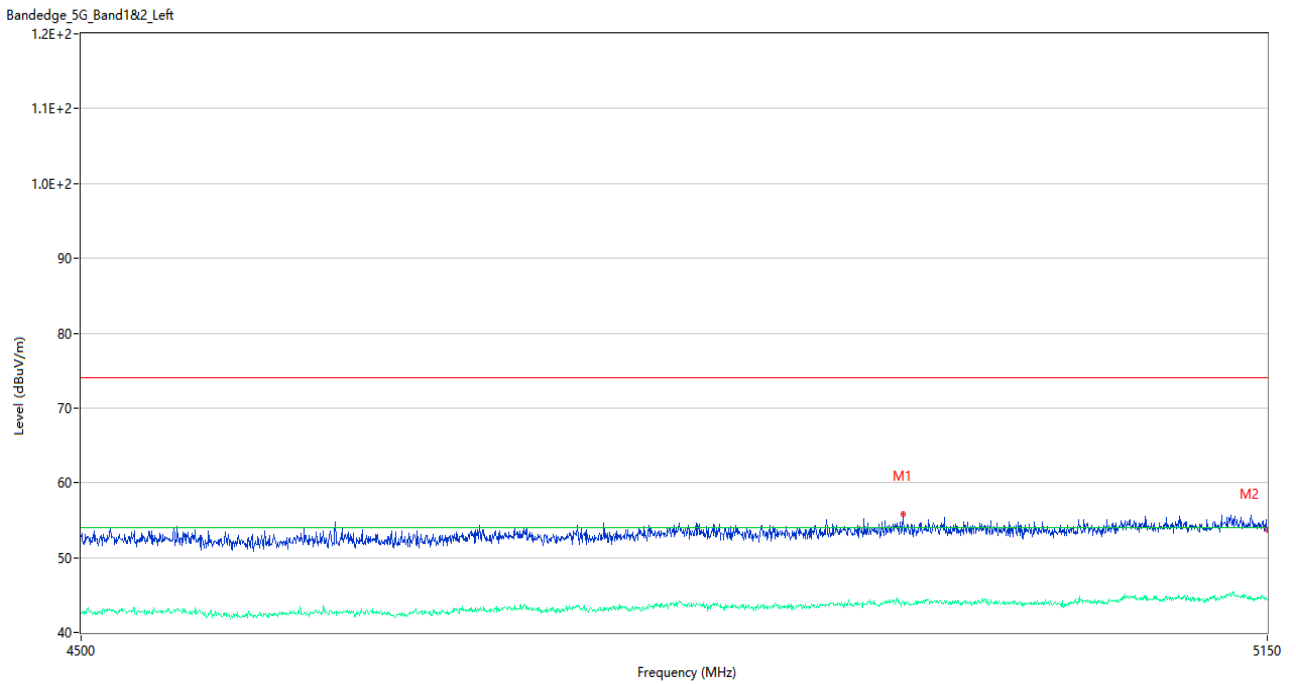
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5127.575	56.18	3.27	74.0	17.82	Peak	57.00	150	Horizontal	Pass
1**	5127.575	44.89	3.27	54.0	9.11	AV	57.00	150	Horizontal	Pass
2	5150.000	54.01	2.86	74.0	19.99	Peak	329.00	100	Horizontal	Pass
2**	5150.000	44.80	2.86	54.0	9.20	AV	329.00	100	Horizontal	Pass

U-NII-2A 11n20 High Channel



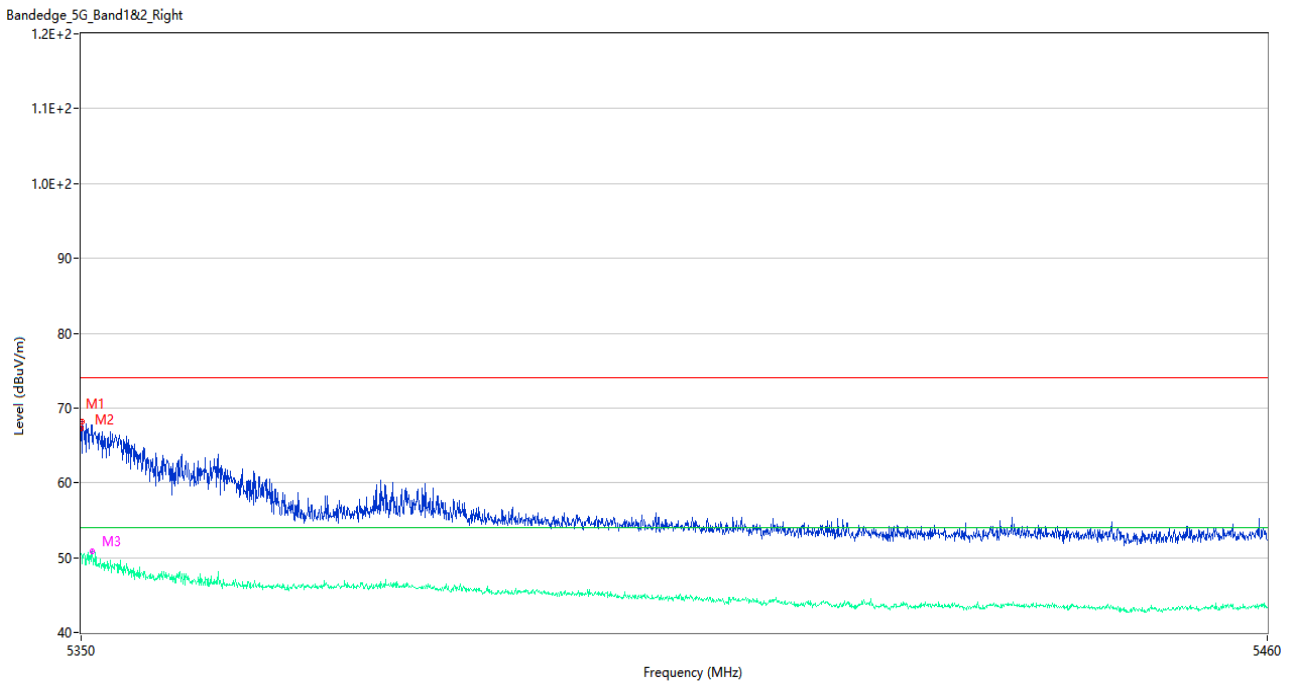
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	69.23	3.30	74.0	4.77	Peak	159.00	150	Horizontal	Pass
1**	5350.055	50.11	3.30	54.0	3.89	AV	159.00	150	Horizontal	Pass
2	5350.330	68.60	3.17	74.0	5.40	Peak	162.00	200	Horizontal	Pass
2**	5350.330	49.13	3.17	54.0	4.87	AV	162.00	200	Horizontal	Pass
3	5350.165	66.09	3.25	74.0	7.91	Peak	58.00	200	Horizontal	Pass
3**	5350.165	50.95	3.25	54.0	3.05	AV	58.00	200	Horizontal	Pass

U-NII-2A 11n40 Low Channel



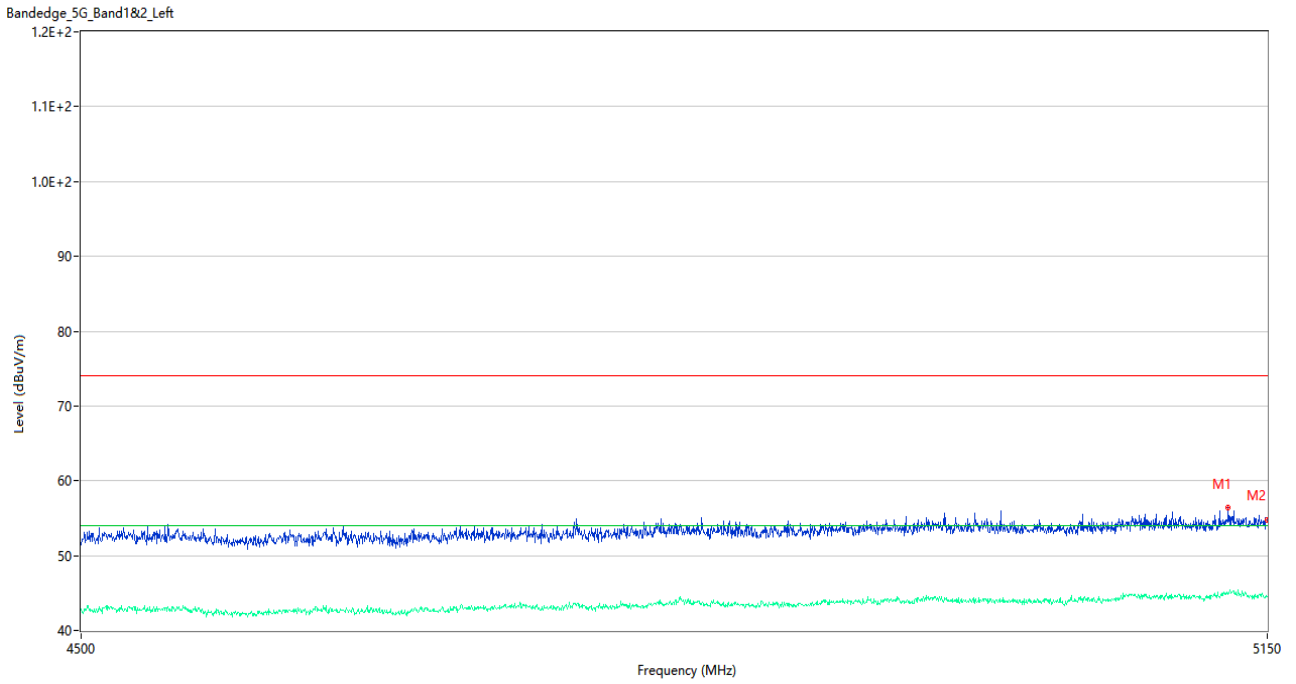
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4941.025	55.88	2.33	74.0	18.12	Peak	130.00	100	Horizontal	Pass
1**	4941.025	44.21	2.33	54.0	9.79	AV	130.00	100	Horizontal	Pass
2	5150.000	53.68	2.86	74.0	20.32	Peak	0.00	100	Horizontal	Pass
2**	5150.000	44.42	2.86	54.0	9.58	AV	0.00	100	Horizontal	Pass

U-NII-2A 11n40 High Channel



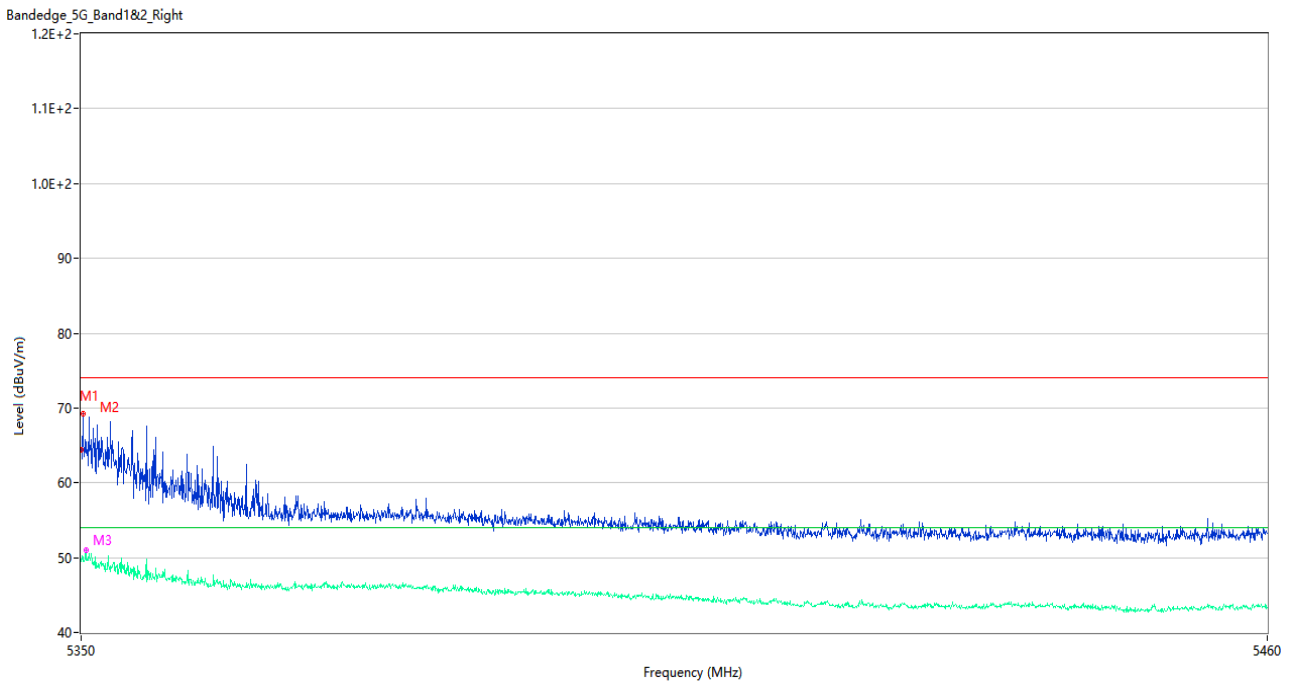
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	67.24	3.32	74.0	6.76	Peak	169.00	150	Horizontal	Pass
1**	5350.000	50.52	3.32	54.0	3.48	AV	169.00	150	Horizontal	Pass
2	5350.110	68.23	3.27	74.0	5.77	Peak	159.00	100	Horizontal	Pass
2**	5350.110	49.21	3.27	54.0	4.79	AV	159.00	100	Horizontal	Pass
3	5351.045	65.73	3.17	74.0	8.27	Peak	156.00	100	Horizontal	Pass
3**	5351.045	50.79	3.17	54.0	3.21	AV	156.00	100	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



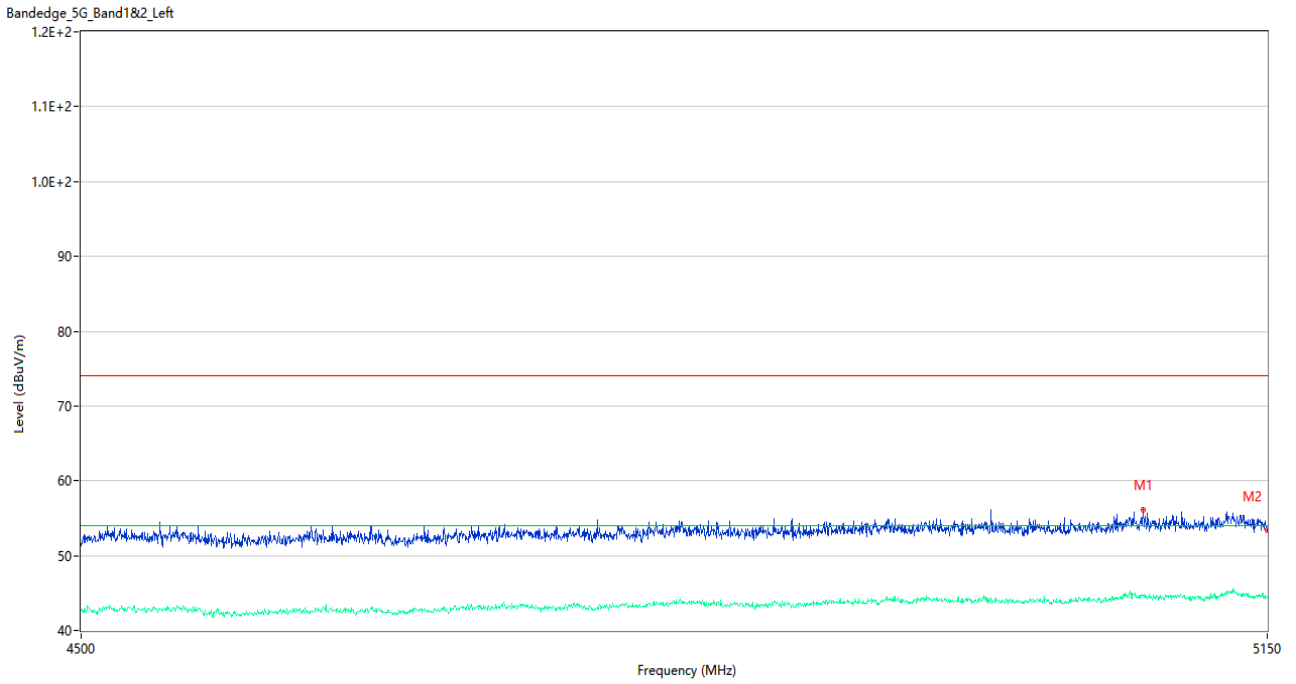
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5127.250	56.47	3.21	74.0	17.53	Peak	333.00	100	Horizontal	Pass
1**	5127.250	45.00	3.21	54.0	9.00	AV	333.00	100	Horizontal	Pass
2	5150.000	54.77	2.86	74.0	19.23	Peak	0.00	100	Horizontal	Pass
2**	5150.000	44.47	2.86	54.0	9.53	AV	0.00	100	Horizontal	Pass

U-NII-2A 11ac20 High Channel



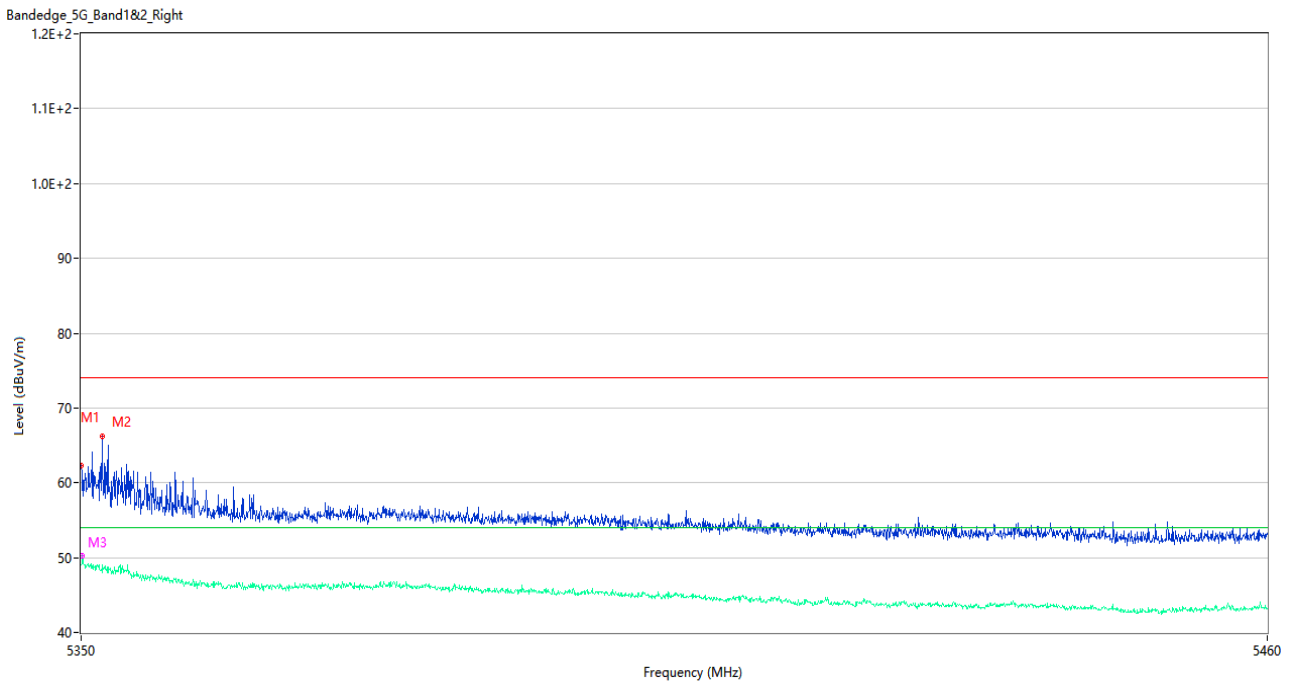
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.38	3.32	74.0	9.62	Peak	125.00	150	Horizontal	Pass
1**	5350.000	49.45	3.32	54.0	4.55	AV	125.00	150	Horizontal	Pass
2	5350.165	69.21	3.25	74.0	4.79	Peak	188.00	150	Horizontal	Pass
2**	5350.165	49.56	3.25	54.0	4.44	AV	188.00	150	Horizontal	Pass
3	5350.440	64.02	3.12	74.0	9.98	Peak	152.00	150	Horizontal	Pass
3**	5350.440	50.95	3.12	54.0	3.05	AV	152.00	150	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



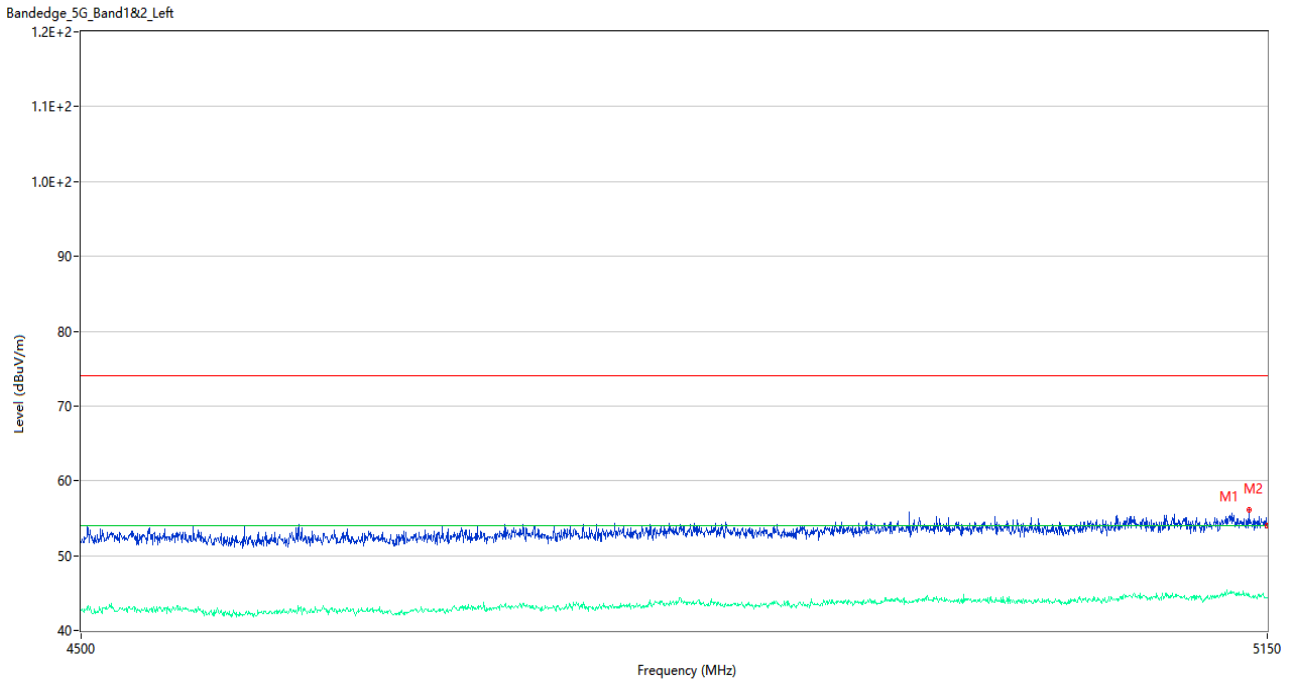
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5077.850	56.10	2.98	74.0	17.90	Peak	218.00	100	Horizontal	Pass
1**	5077.850	44.71	2.98	54.0	9.29	AV	218.00	100	Horizontal	Pass
2	5150.000	53.47	2.86	74.0	20.53	Peak	227.00	200	Horizontal	Pass
2**	5150.000	44.34	2.86	54.0	9.66	AV	227.00	200	Horizontal	Pass

U-NII-2A 11ac40 High Channel



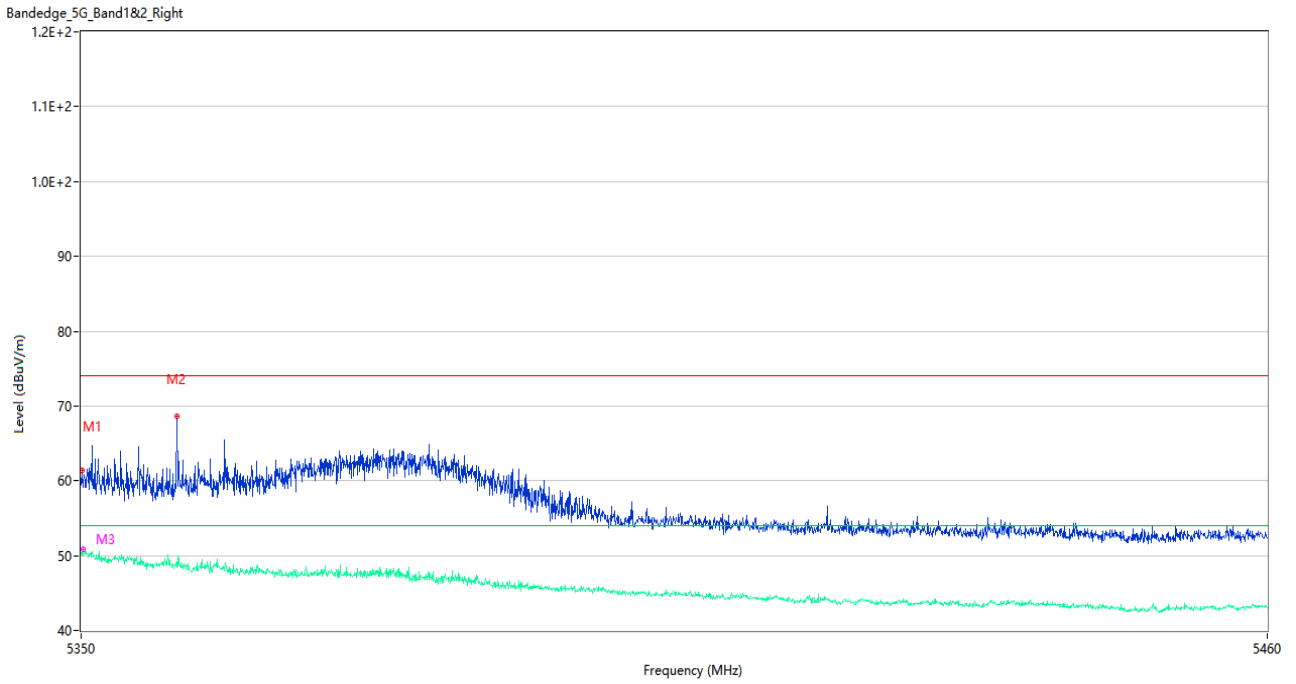
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	62.30	3.32	74.0	11.70	Peak	126.00	150	Horizontal	Pass
1**	5350.000	49.10	3.32	54.0	4.90	AV	126.00	150	Horizontal	Pass
2	5351.925	66.14	3.08	74.0	7.86	Peak	175.00	100	Horizontal	Pass
2**	5351.925	47.95	3.08	54.0	6.05	AV	175.00	100	Horizontal	Pass
3	5350.110	58.95	3.27	74.0	15.05	Peak	40.00	100	Horizontal	Pass
3**	5350.110	50.21	3.27	54.0	3.79	AV	40.00	100	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



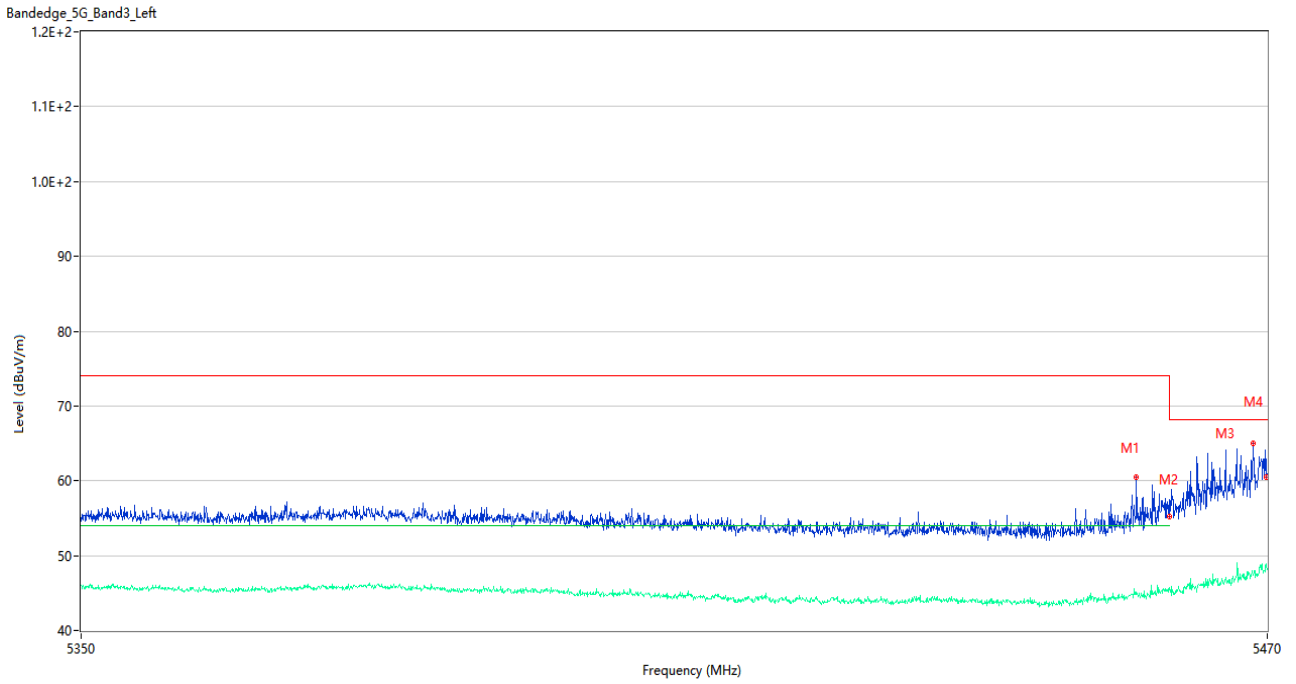
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5139.275	56.08	2.81	74.0	17.92	Peak	358.00	150	Horizontal	Pass
1**	5139.275	44.58	2.81	54.0	9.42	AV	358.00	150	Horizontal	Pass
2	5150.000	54.01	2.86	74.0	19.99	Peak	210.00	100	Horizontal	Pass
2**	5150.000	44.41	2.86	54.0	9.59	AV	210.00	100	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



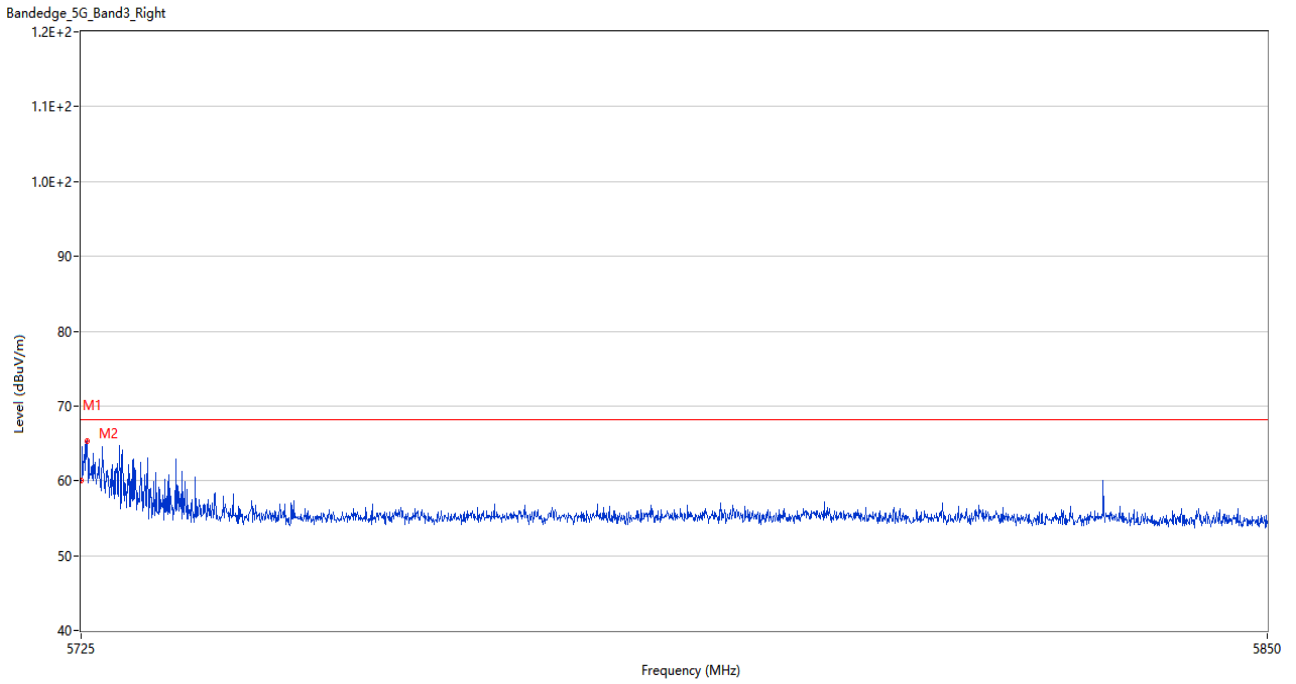
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	61.43	3.30	74.0	12.57	Peak	169.00	100	Horizontal	Pass
1**	5350.055	50.06	3.30	54.0	3.94	AV	169.00	100	Horizontal	Pass
2	5358.800	68.56	2.99	74.0	5.44	Peak	163.00	100	Horizontal	Pass
2**	5358.800	48.46	2.99	54.0	5.54	AV	163.00	100	Horizontal	Pass
3	5350.220	59.62	3.22	74.0	14.38	Peak	37.00	100	Horizontal	Pass
3**	5350.220	50.85	3.22	54.0	3.15	AV	37.00	100	Horizontal	Pass

U-NII-2C 11a Low Channel



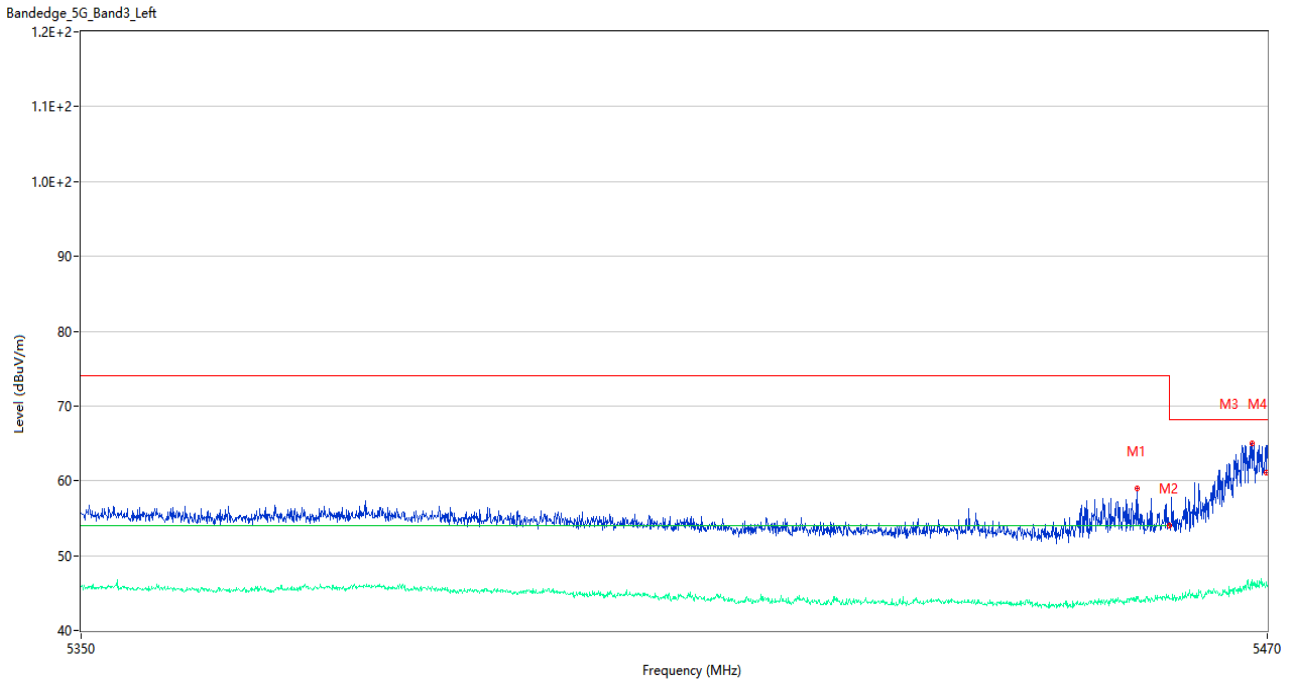
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5456.620	60.54	3.61	74.0	13.46	Peak	157.00	200	Horizontal	Pass
1**	5456.620	44.78	3.61	54.0	9.22	AV	157.00	200	Horizontal	Pass
2	5459.980	55.17	3.49	74.0	18.83	Peak	169.00	150	Horizontal	Pass
2**	5459.980	45.78	3.49	54.0	8.22	AV	169.00	150	Horizontal	Pass
3	5468.560	64.96	3.31	68.2	3.24	Peak	169.00	200	Horizontal	Pass
3**	5468.560	47.37	3.31	--	--	AV	169.00	200	Horizontal	N/A
4	5469.940	60.44	3.29	68.2	7.76	Peak	157.00	150	Horizontal	Pass
4**	5469.940	48.73	3.29	--	--	AV	157.00	150	Horizontal	N/A

U-NII-2C 11a High Channel



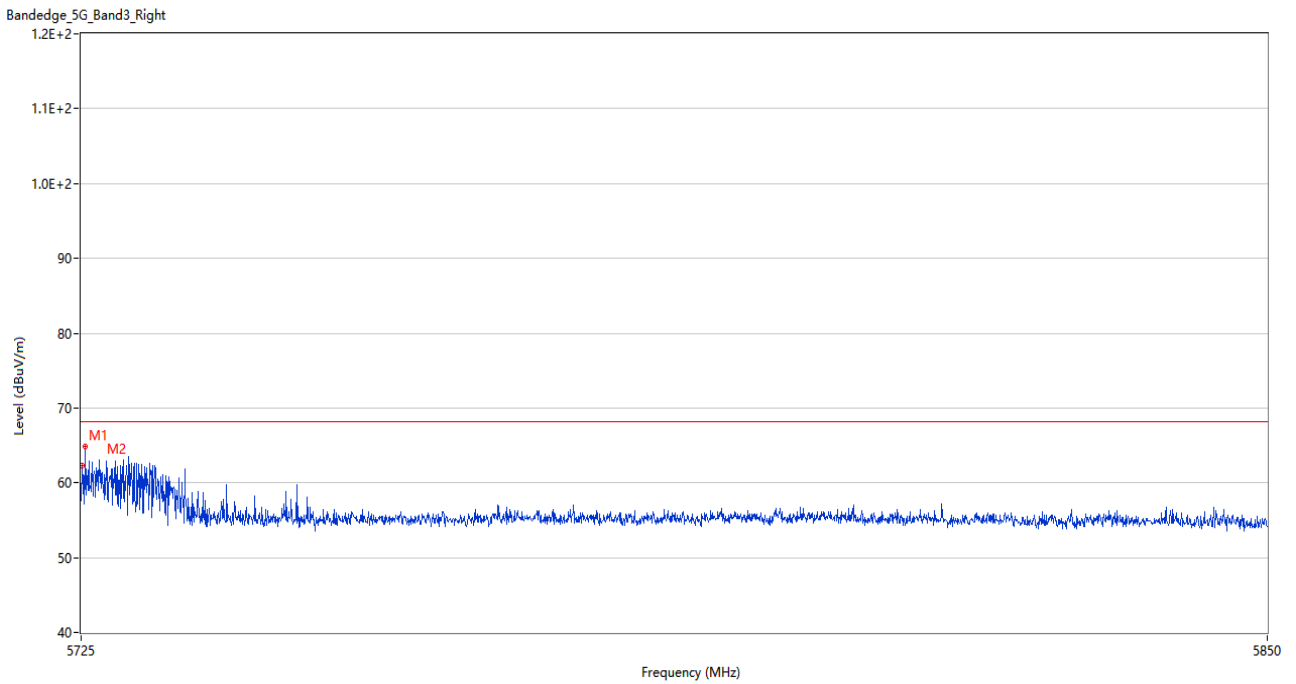
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	60.05	3.51	68.2	8.15	Peak	38.00	150	Horizontal	Pass
2	5725.625	65.16	3.65	68.2	3.04	Peak	13.00	200	Horizontal	Pass

U-NII-2C 11n20 Low Channel



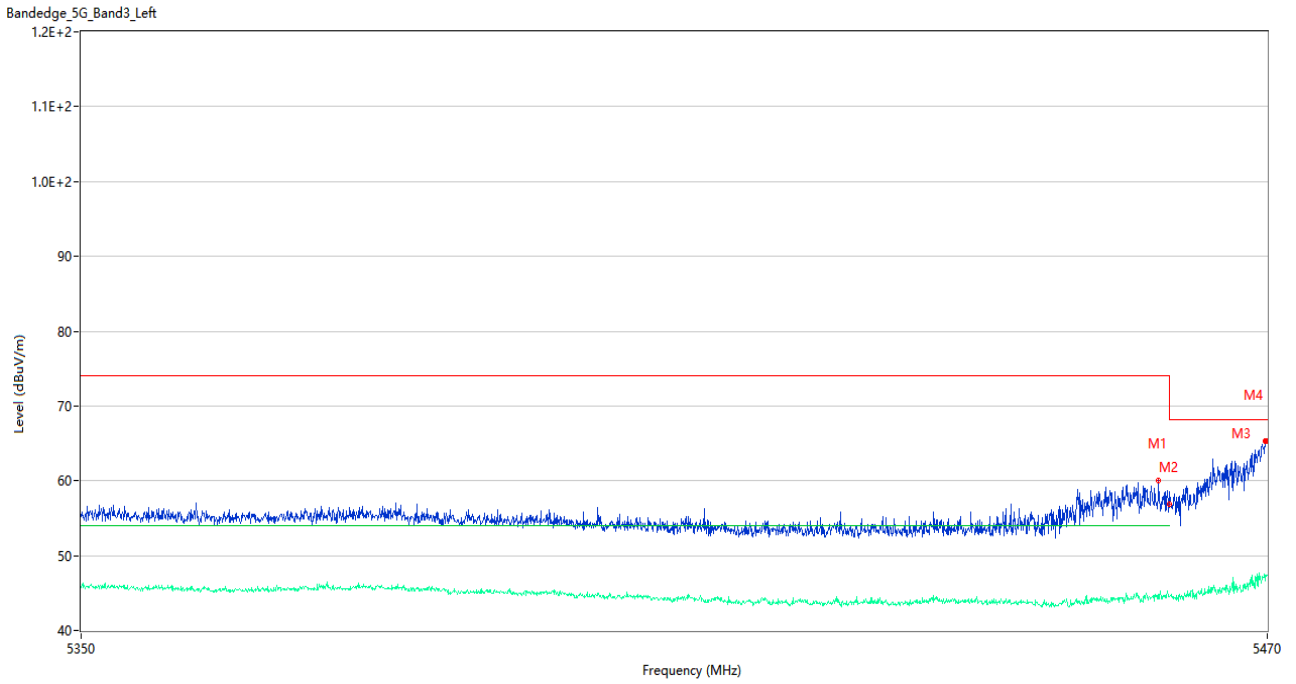
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5456.740	59.01	3.56	74.0	14.99	Peak	154.00	150	Horizontal	Pass
1**	5456.740	44.50	3.56	54.0	9.50	AV	154.00	150	Horizontal	Pass
2	5459.980	54.01	3.49	74.0	19.99	Peak	175.00	150	Horizontal	Pass
2**	5459.980	44.15	3.49	54.0	9.85	AV	175.00	150	Horizontal	Pass
3	5468.440	65.02	3.32	68.2	3.18	Peak	160.00	100	Horizontal	Pass
3**	5468.440	45.55	3.32	--	--	AV	160.00	100	Horizontal	N/A
4	5469.940	60.63	3.29	68.2	7.57	Peak	166.00	200	Horizontal	Pass
4**	5469.940	46.53	3.29	--	--	AV	166.00	200	Horizontal	N/A

U-NII-2C 11n20 High Channel



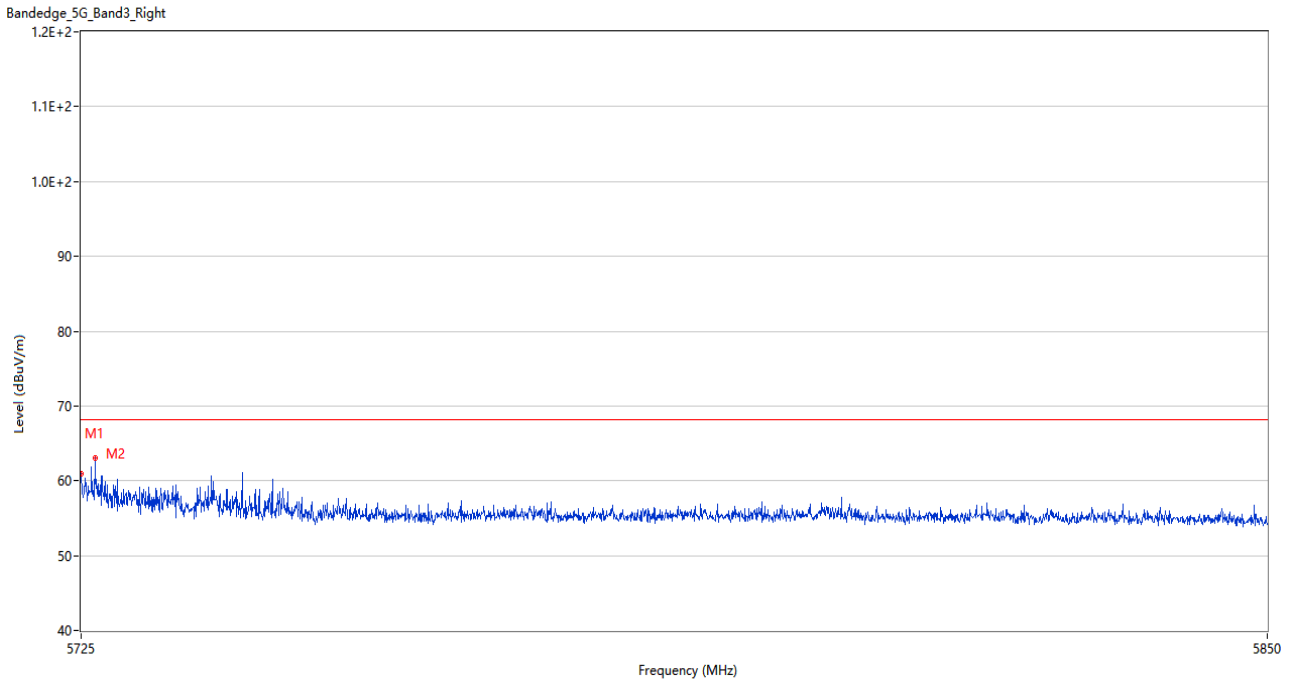
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	62.31	3.44	68.2	5.89	Peak	32.00	200	Horizontal	Pass
2	5725.375	64.85	3.34	68.2	3.35	Peak	25.00	100	Horizontal	Pass

U-NII-2C 11n40 Low Channel



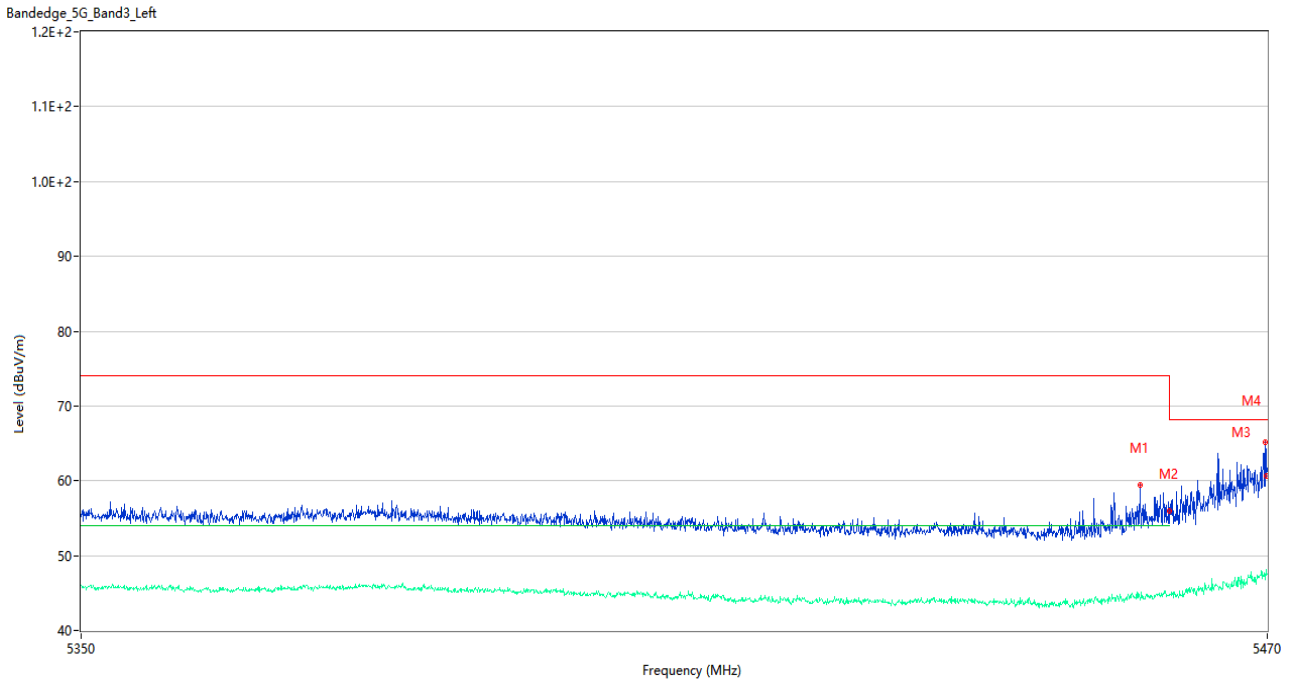
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.900	60.00	3.56	74.0	14.00	Peak	160.00	100	Horizontal	Pass
1**	5458.900	44.85	3.56	54.0	9.15	AV	160.00	100	Horizontal	Pass
2	5459.980	56.88	3.49	74.0	17.12	Peak	33.00	200	Horizontal	Pass
2**	5459.980	44.48	3.49	54.0	9.52	AV	33.00	200	Horizontal	Pass
3	5469.760	65.06	3.28	68.2	3.14	Peak	152.00	100	Horizontal	Pass
3**	5469.760	46.68	3.28	--	--	AV	152.00	100	Horizontal	N/A
4	5469.940	65.14	3.29	68.2	3.06	Peak	164.00	150	Horizontal	Pass
4**	5469.940	47.39	3.29	--	--	AV	164.00	150	Horizontal	N/A

U-NII-2C 11n40 High Channel



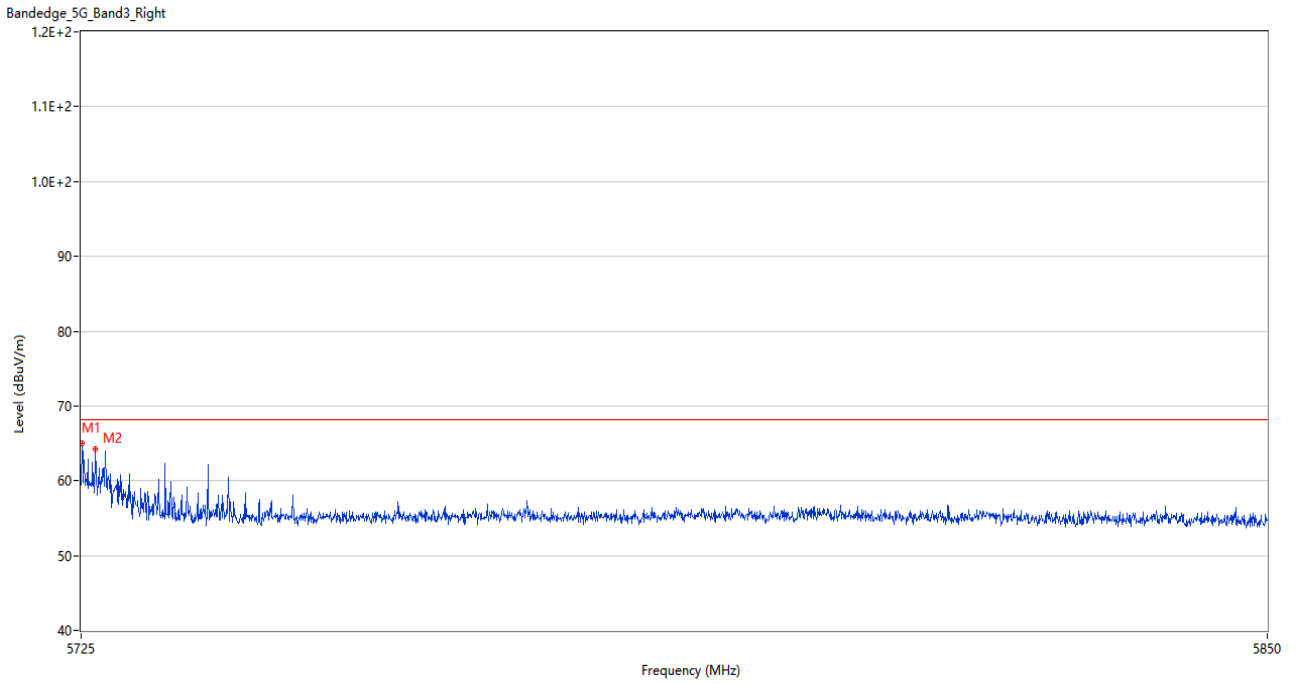
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.00	3.51	68.2	7.20	Peak	23.00	100	Horizontal	Pass
2	5726.437	63.05	3.80	68.2	5.15	Peak	30.00	150	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



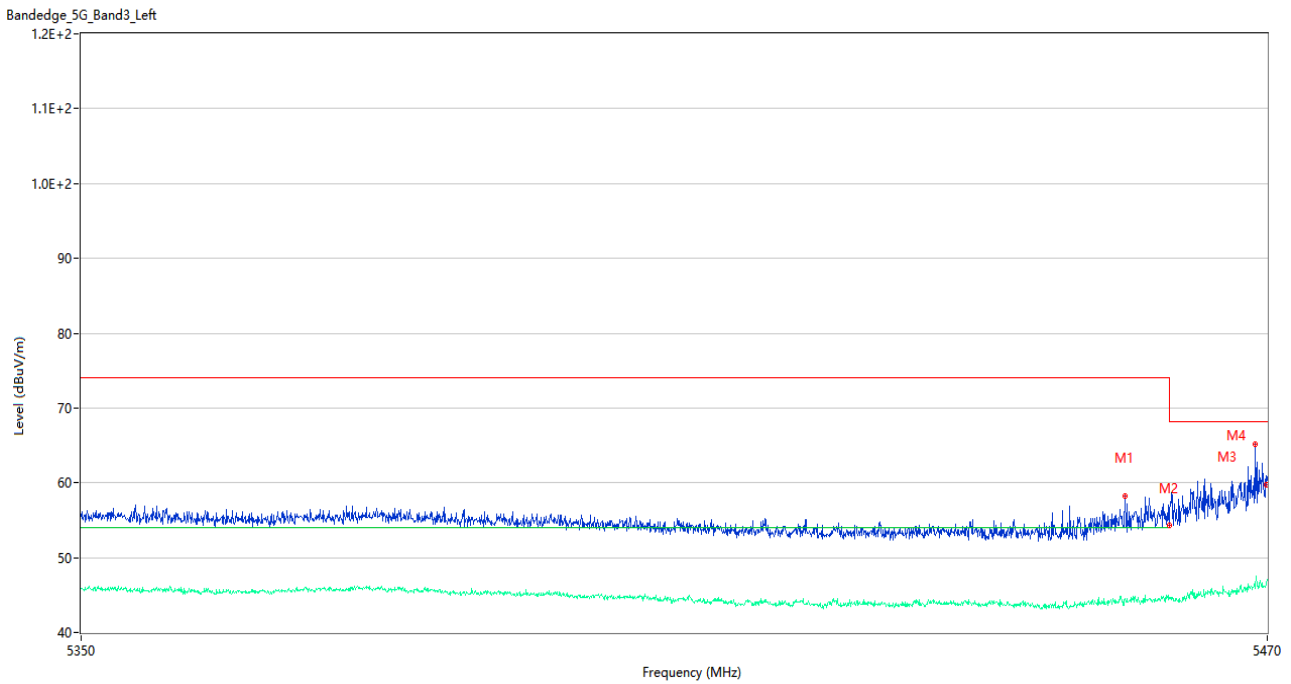
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5456.980	59.47	3.34	74.0	14.53	Peak	32.00	100	Horizontal	Pass
1**	5456.980	44.25	3.34	54.0	9.75	AV	32.00	100	Horizontal	Pass
2	5459.980	56.00	3.49	74.0	18.00	Peak	164.00	200	Horizontal	Pass
2**	5459.980	44.68	3.49	54.0	9.32	AV	164.00	200	Horizontal	Pass
3	5469.820	65.12	3.28	68.2	3.08	Peak	154.00	200	Horizontal	Pass
3**	5469.820	47.13	3.28	--	--	AV	154.00	200	Horizontal	N/A
4	5469.940	60.60	3.29	68.2	7.60	Peak	157.00	150	Horizontal	Pass
4**	5469.940	47.34	3.29	--	--	AV	157.00	150	Horizontal	N/A

U-NII-2C 11ac20 High Channel



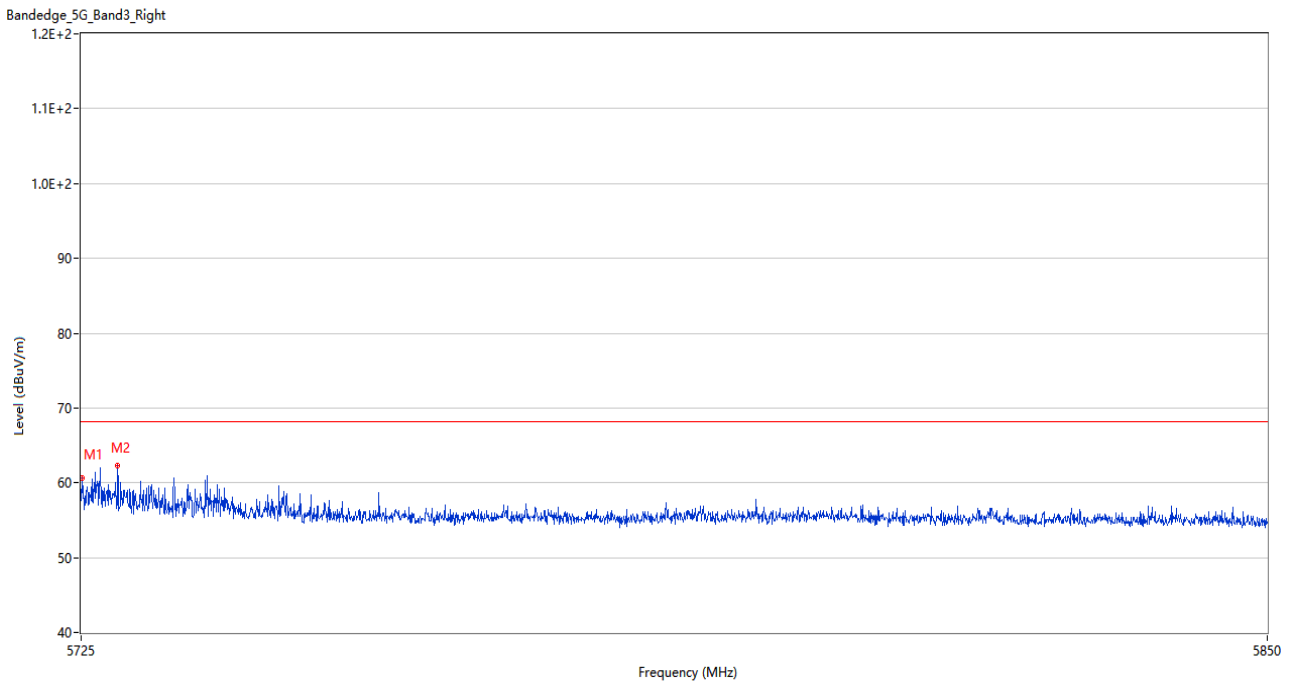
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	64.95	3.44	68.2	3.25	Peak	32.00	100	Horizontal	Pass
2	5726.500	64.32	3.84	68.2	3.88	Peak	27.00	100	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



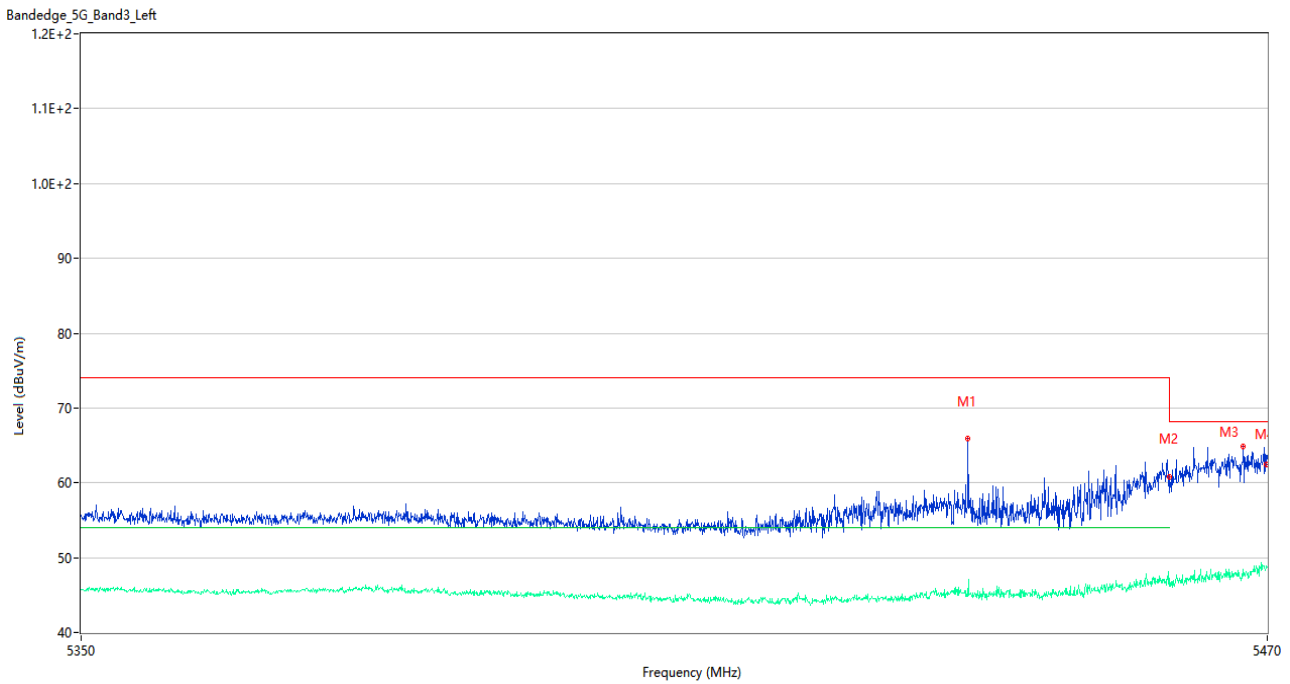
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5455.480	58.28	3.30	74.0	15.72	Peak	161.00	150	Horizontal	Pass
1**	5455.480	44.49	3.30	54.0	9.51	AV	161.00	150	Horizontal	Pass
2	5459.980	54.34	3.49	74.0	19.66	Peak	32.00	150	Horizontal	Pass
2**	5459.980	44.57	3.49	54.0	9.43	AV	32.00	150	Horizontal	Pass
3	5468.800	65.19	3.20	68.2	3.01	Peak	166.00	150	Horizontal	Pass
3**	5468.800	46.08	3.20	--	--	AV	166.00	150	Horizontal	N/A
4	5469.940	59.67	3.29	68.2	8.53	Peak	161.00	200	Horizontal	Pass
4**	5469.940	46.59	3.29	--	--	AV	161.00	200	Horizontal	N/A

U-NII-2C 11ac40 High Channel



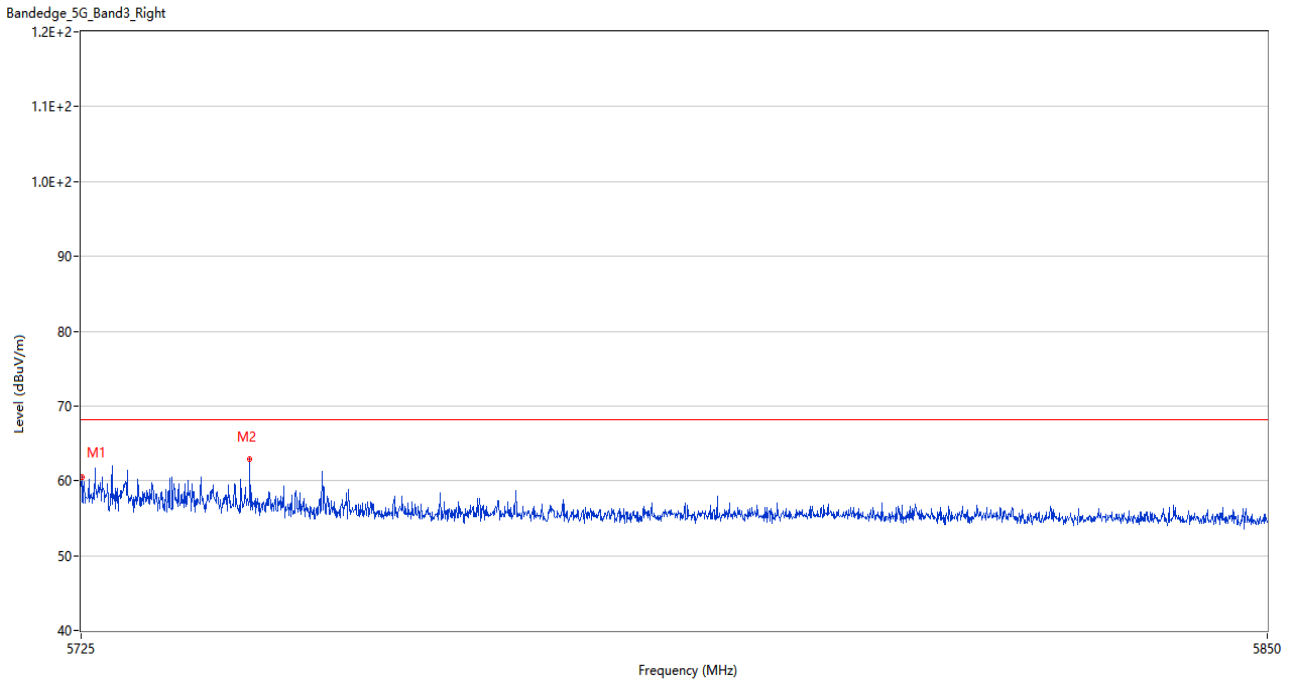
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	60.71	3.44	68.2	7.49	Peak	32.00	150	Horizontal	Pass
2	5728.813	62.36	3.41	68.2	5.84	Peak	32.00	150	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



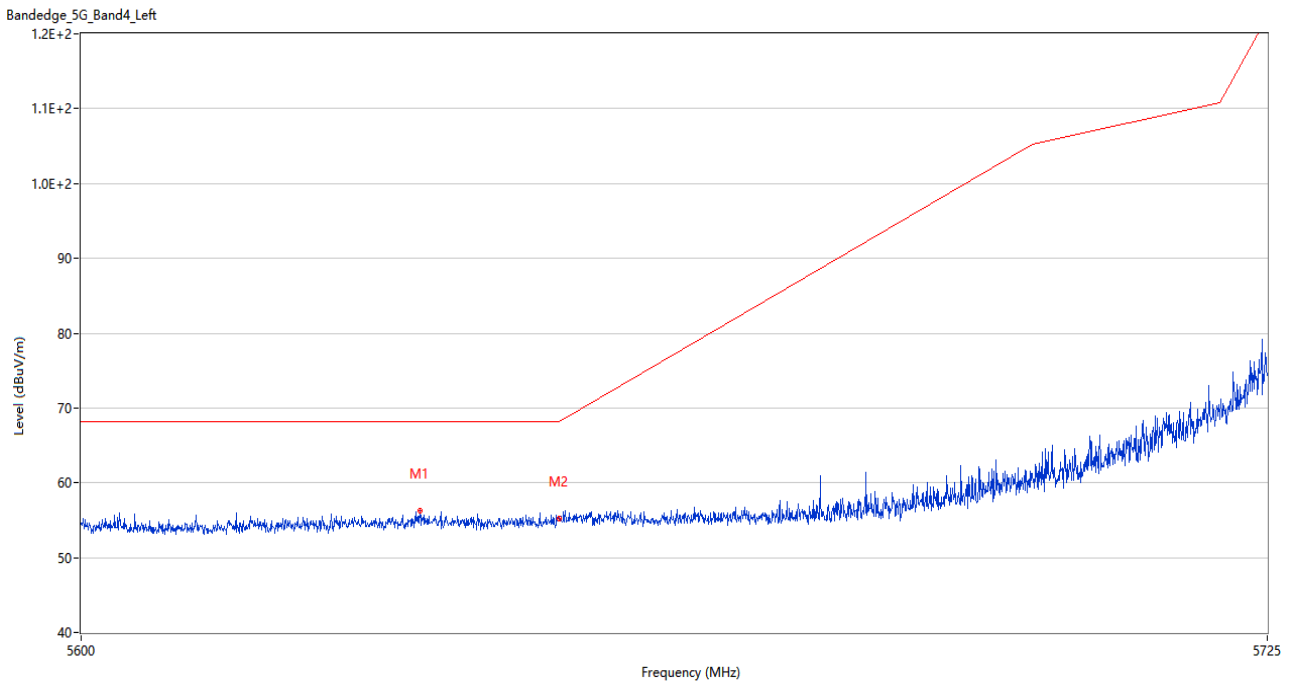
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5439.460	65.84	3.70	74.0	8.16	Peak	157.00	150	Horizontal	Pass
1**	5439.460	44.76	3.70	54.0	9.24	AV	157.00	150	Horizontal	Pass
2	5459.980	60.85	3.49	74.0	13.15	Peak	157.00	200	Horizontal	Pass
2**	5459.980	46.24	3.49	54.0	7.76	AV	157.00	200	Horizontal	Pass
3	5467.540	64.87	3.15	68.2	3.33	Peak	161.00	200	Horizontal	Pass
3**	5467.540	47.55	3.15	--	--	AV	161.00	200	Horizontal	N/A
4	5469.940	62.41	3.29	68.2	5.79	Peak	157.00	150	Horizontal	Pass
4**	5469.940	48.86	3.29	--	--	AV	157.00	150	Horizontal	N/A

U-NII-2C 11ac80 High Channel



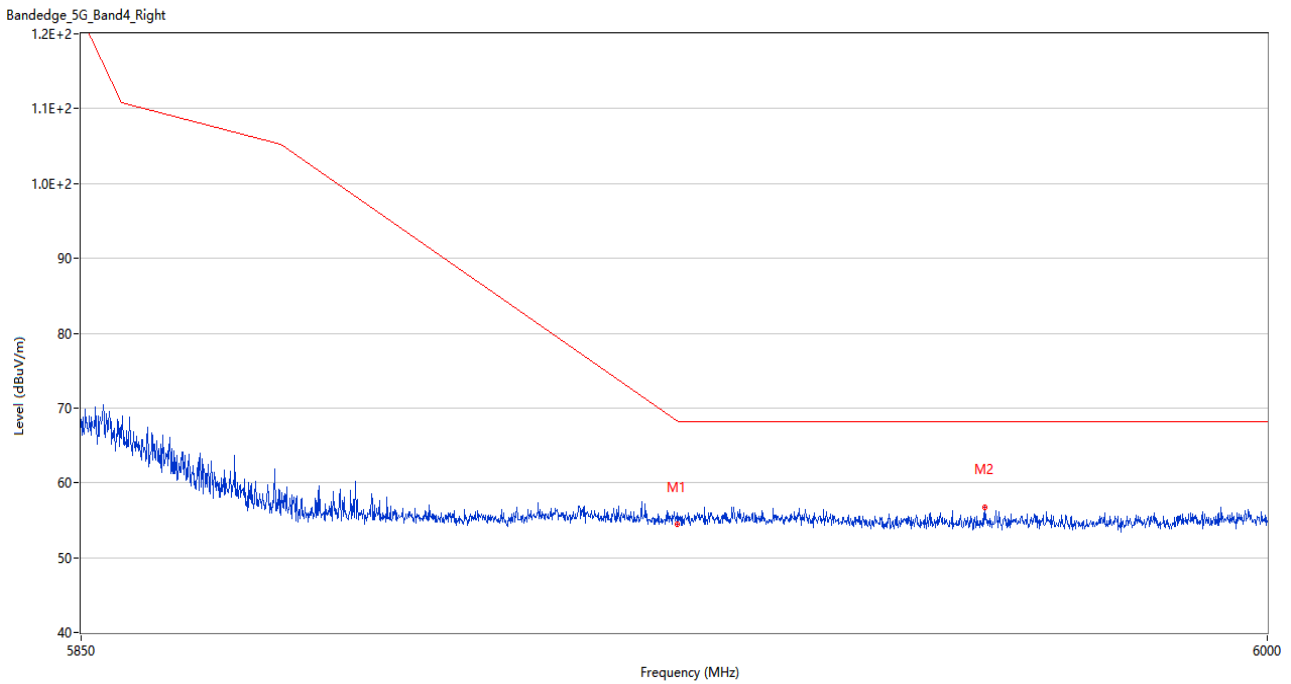
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	60.49	3.44	68.2	7.71	Peak	23.00	200	Horizontal	Pass
2	5742.625	62.88	3.98	68.2	5.32	Peak	27.00	150	Horizontal	Pass

U-NII-3 11a Low Channel



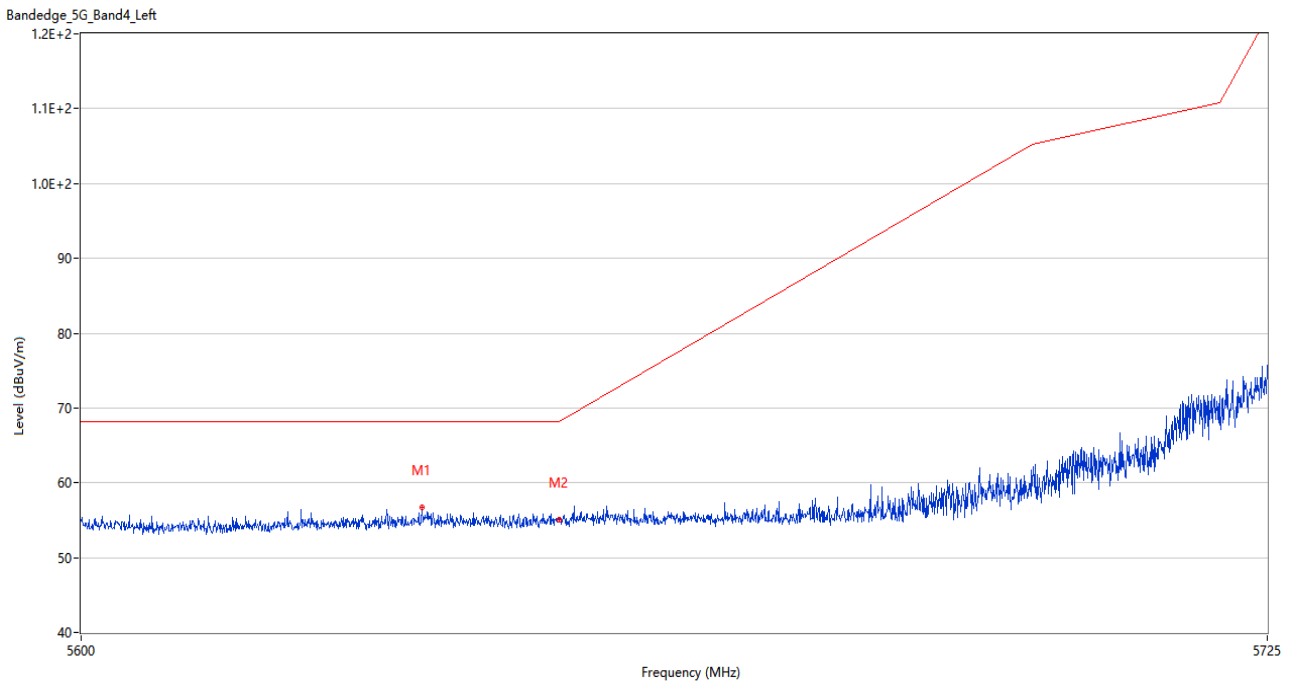
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5635.438	56.27	3.83	68.2	11.93	Peak	244.00	100	Horizontal	Pass
2	5650.000	55.24	3.72	68.2	12.96	Peak	0.00	100	Horizontal	Pass

U-NII-3 11a High Channel



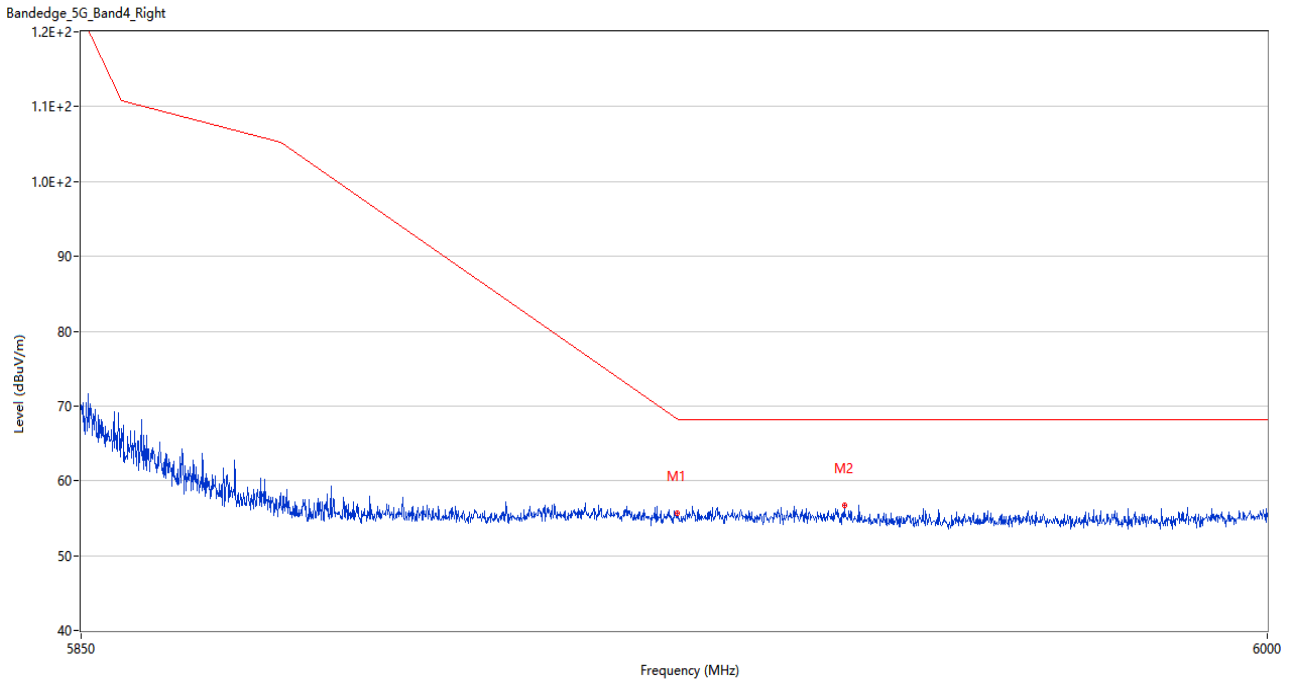
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.40	3.42	68.3	13.90	Peak	324.00	150	Horizontal	Pass
2	5964.000	56.77	3.76	68.2	11.43	Peak	190.00	200	Horizontal	Pass

U-NII-3 11n20 Low Channel



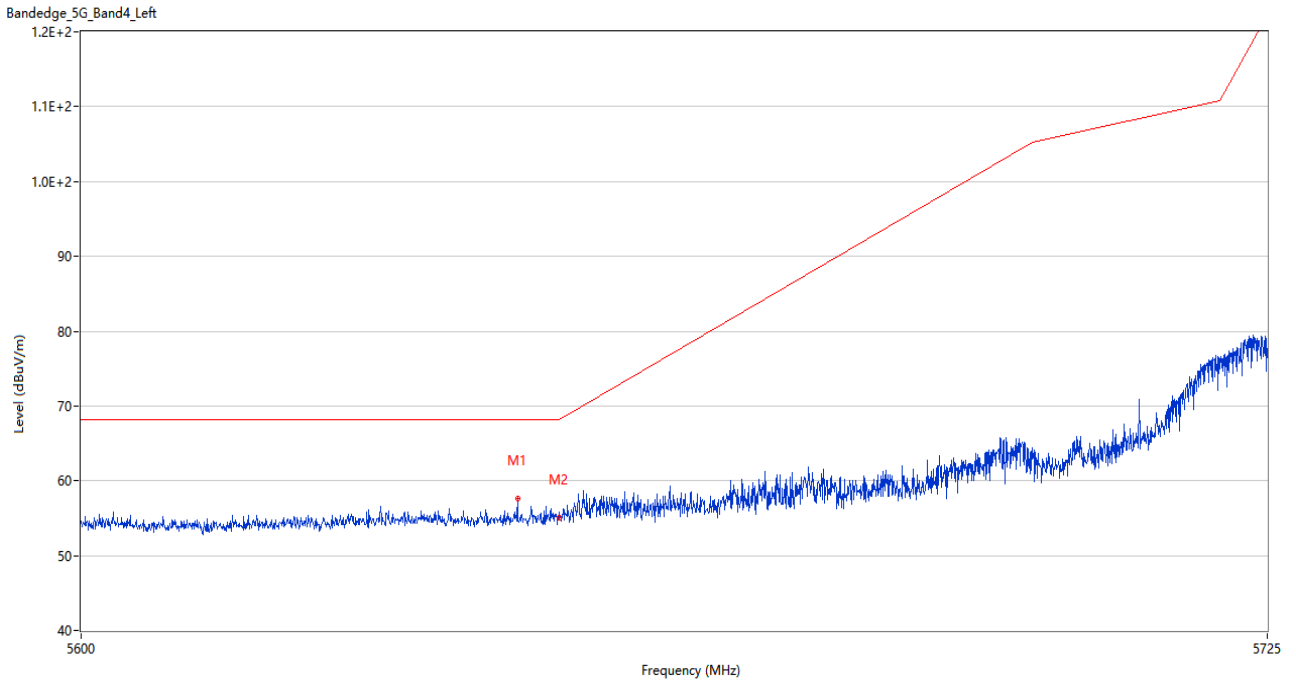
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5635.625	56.72	3.84	68.2	11.48	Peak	132.00	100	Horizontal	Pass
2	5650.000	55.11	3.72	68.2	13.09	Peak	331.00	200	Horizontal	Pass

U-NII-3 11n20 High Channel



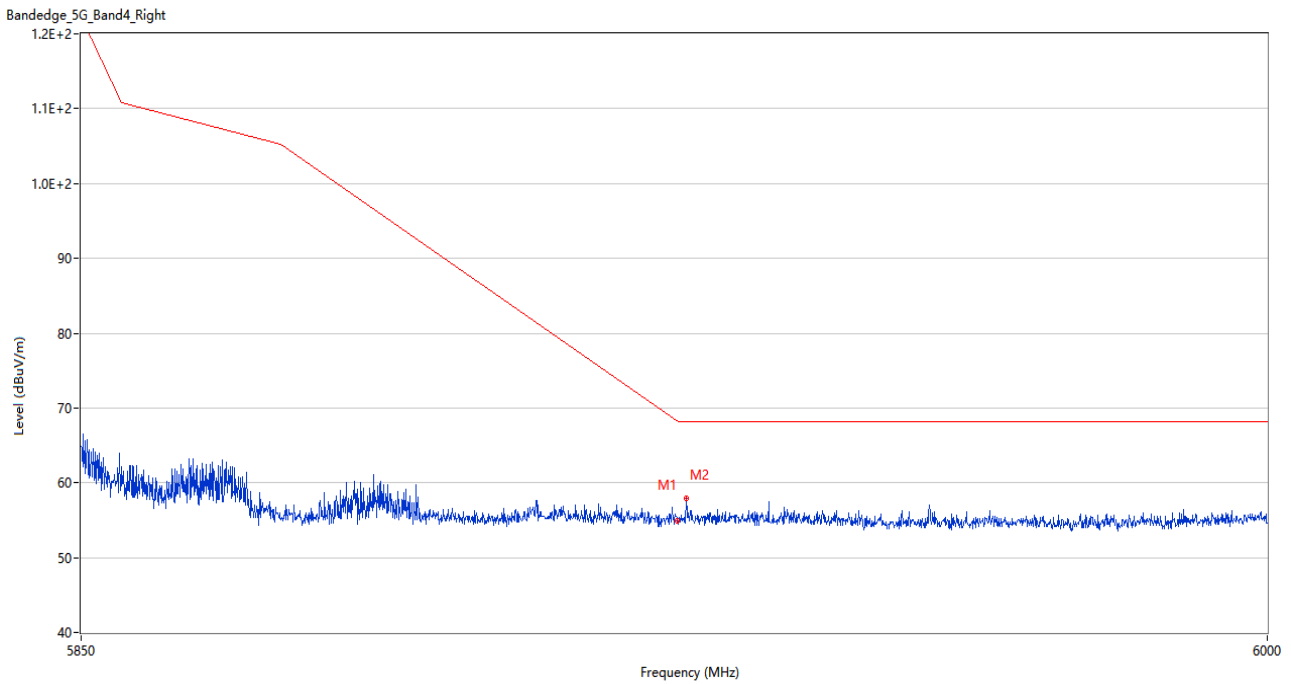
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.69	3.42	68.3	12.61	Peak	244.00	100	Horizontal	Pass
2	5946.075	56.73	3.48	68.2	11.47	Peak	149.00	150	Horizontal	Pass

U-NII-3 11n40 Low Channel



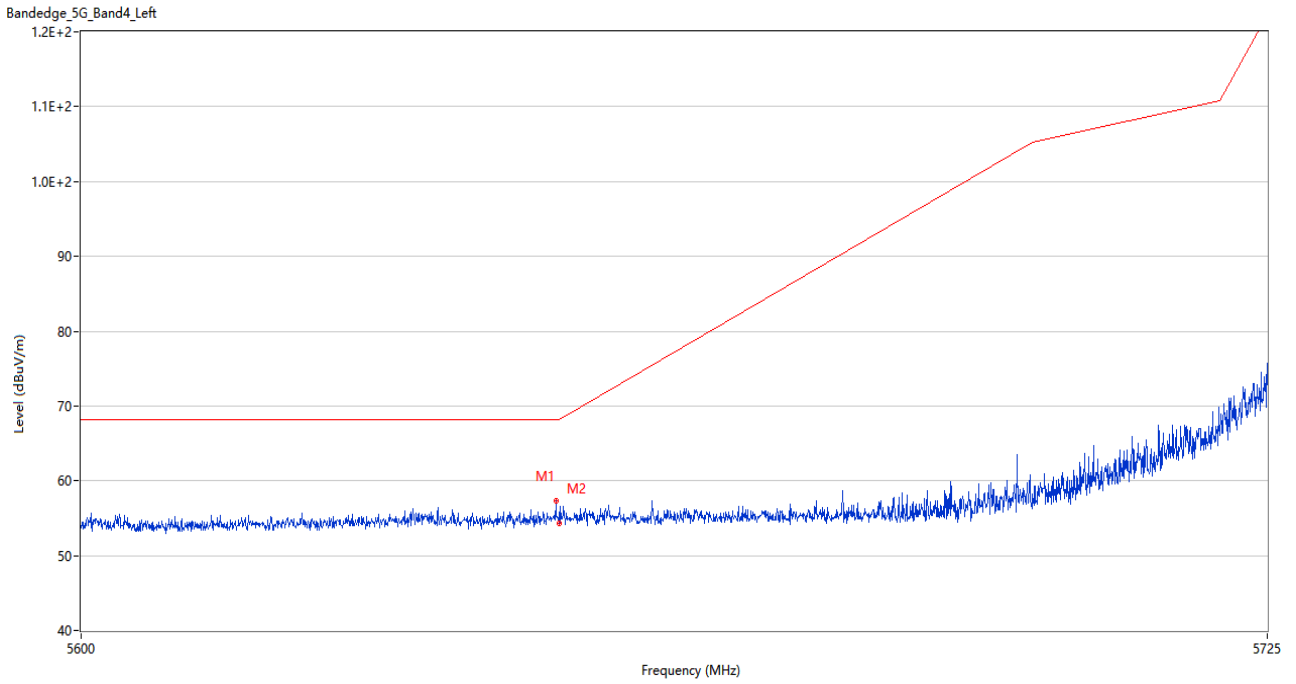
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.687	57.70	3.32	68.2	10.50	Peak	27.00	100	Horizontal	Pass
2	5650.000	55.13	3.72	68.2	13.07	Peak	360.00	100	Horizontal	Pass

U-NII-3 11n40 High Channel



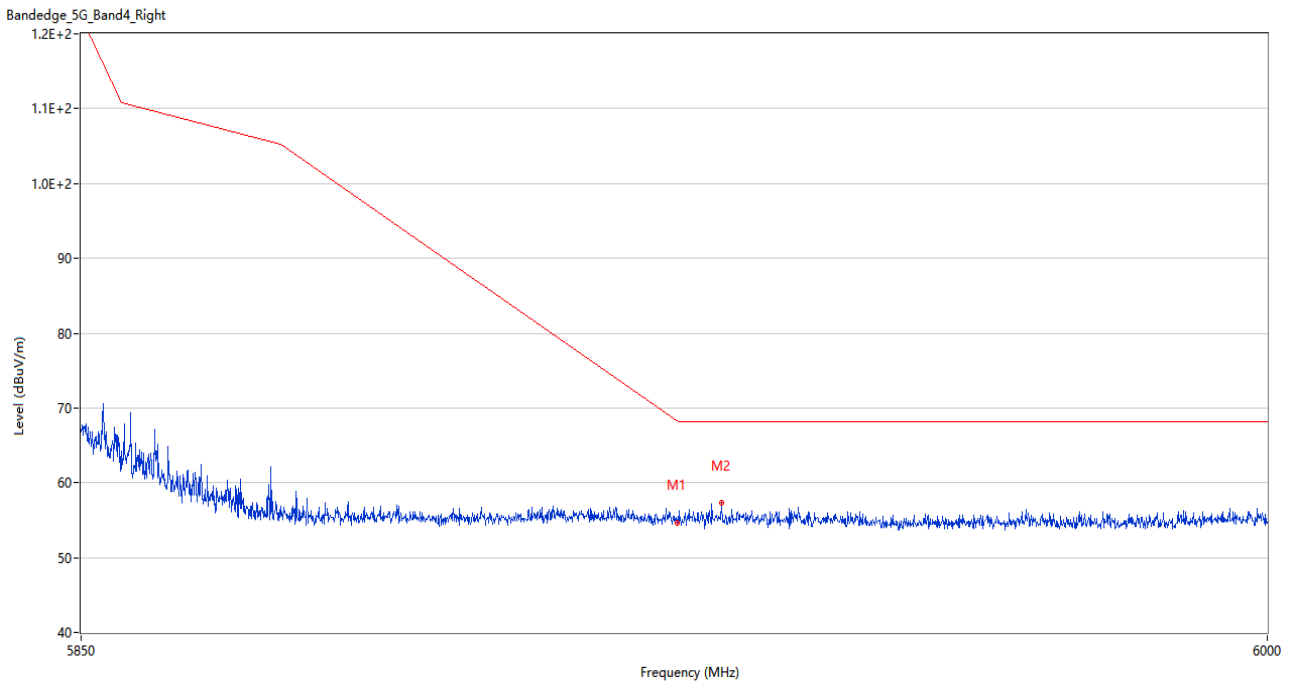
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.87	3.42	68.3	13.43	Peak	359.00	200	Horizontal	Pass
2	5926.050	57.95	3.66	68.2	10.25	Peak	35.00	150	Horizontal	Pass

U-NII-3 11ac20 Low Channel



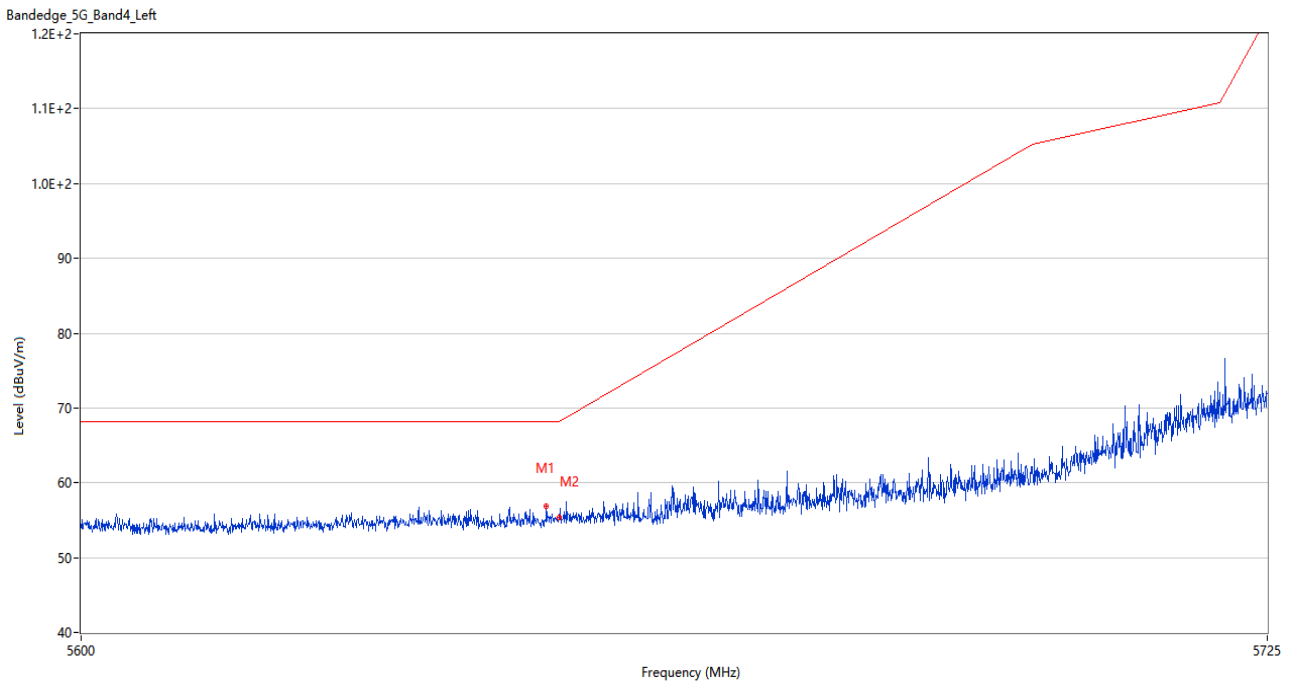
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.688	57.30	3.46	68.2	10.90	Peak	38.00	150	Horizontal	Pass
2	5650.000	54.31	3.72	68.2	13.89	Peak	171.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



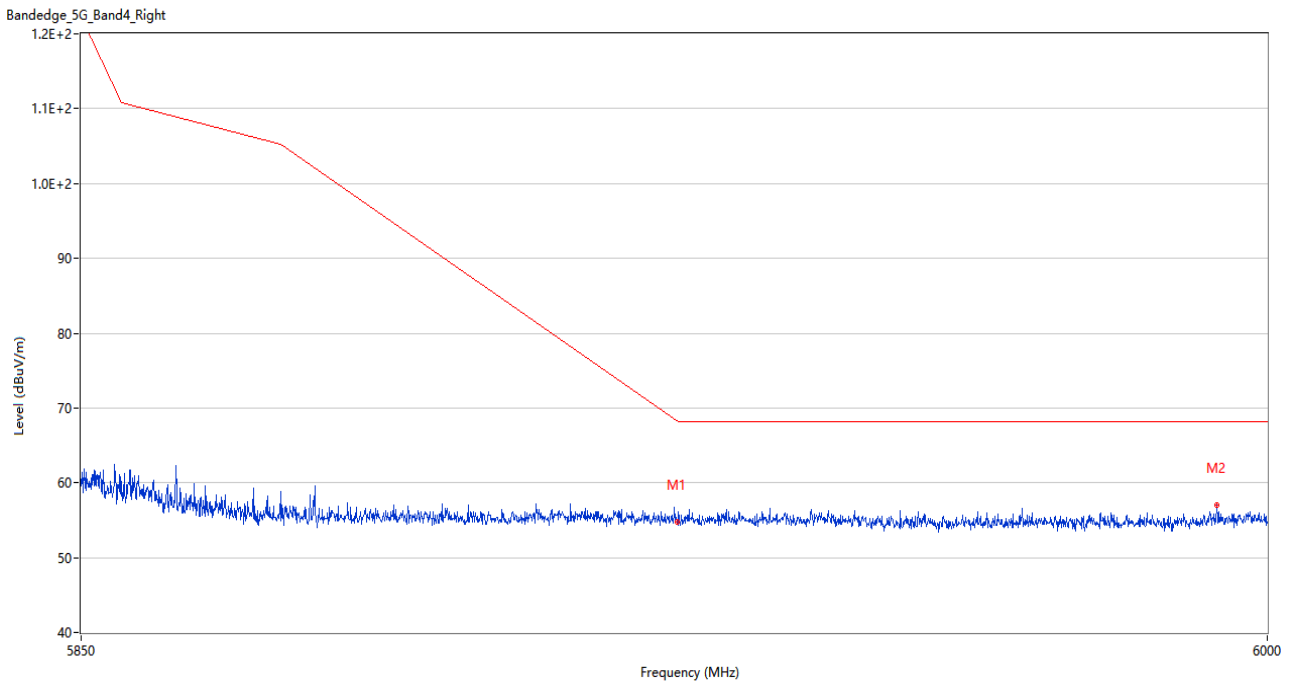
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.68	3.42	68.3	13.62	Peak	310.00	200	Horizontal	Pass
2	5930.475	57.28	3.49	68.2	10.92	Peak	261.00	100	Horizontal	Pass

U-NII-3 11ac40 Low Channel



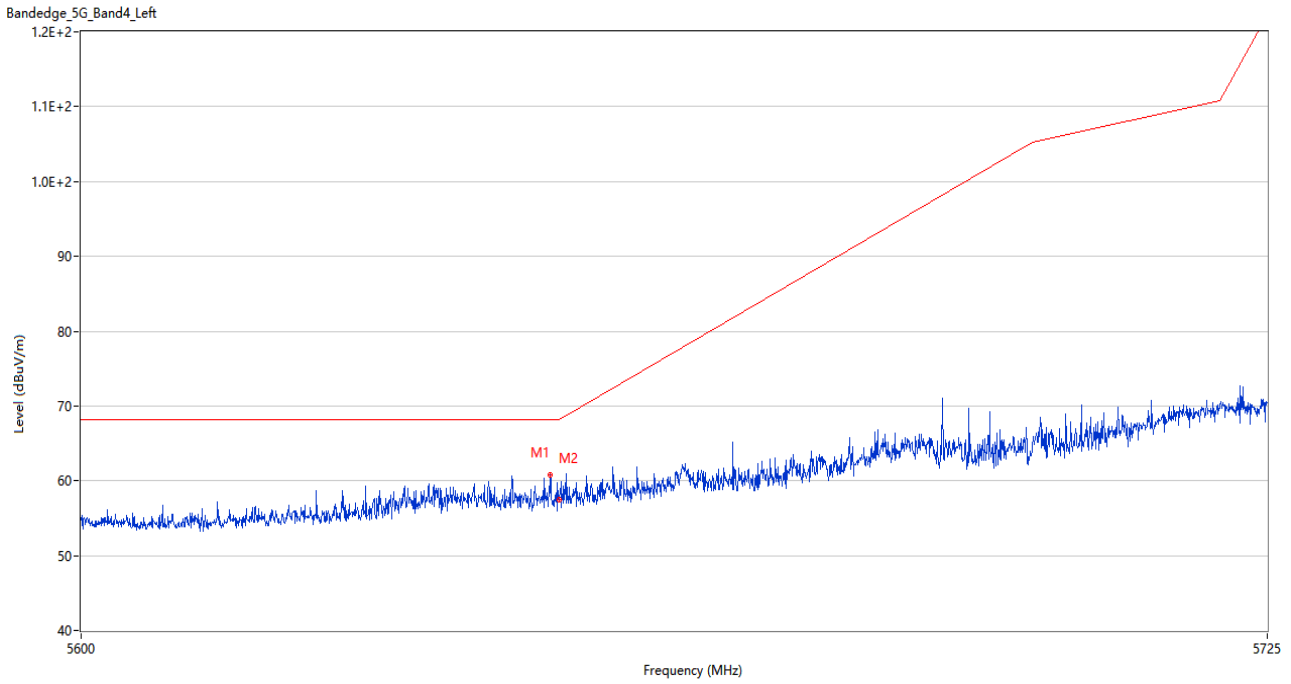
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.688	56.94	3.47	68.2	11.26	Peak	219.00	100	Horizontal	Pass
2	5650.000	55.31	3.72	68.2	12.89	Peak	156.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel



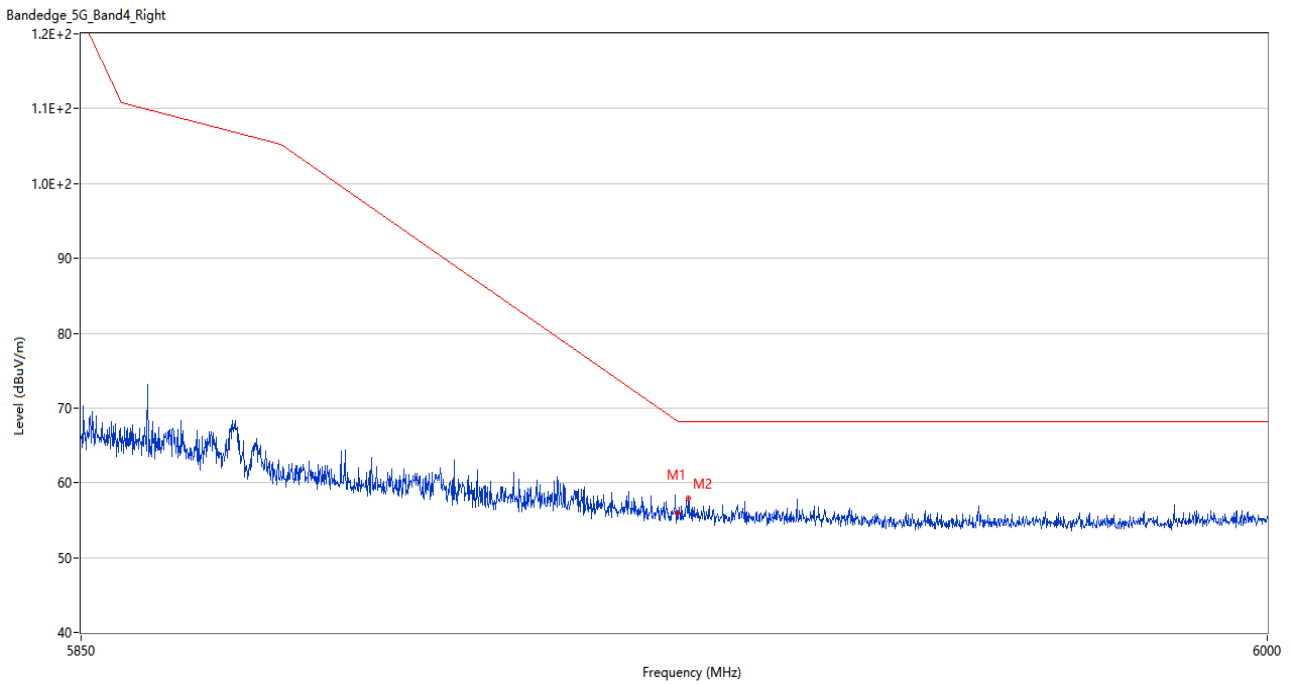
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.76	3.42	68.3	13.54	Peak	360.00	200	Horizontal	Pass
2	5993.550	57.07	4.66	68.2	11.13	Peak	216.00	150	Horizontal	Pass

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	5649.125	60.84	3.64	68.2	7.36	Peak	28.00	100	Horizontal	Pass
2	5650.000	57.54	3.72	68.2	10.66	Peak	14.00	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	56.04	3.42	68.3	12.26	Peak	202.00	100	Horizontal	Pass
2	5926.275	57.90	3.82	68.2	10.30	Peak	11.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ23B0344-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ23B0344-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ23B0344-AI.PDF”.

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