TEST REPORT

Applicant:	ITEL MOBILE LIMITED
Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
Equipment Type:	Mobile phone
Model Name:	S667LN
Brand Name:	itel
FCC ID:	2AJMN-S667LN
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	Dec. 07, 2023
Test Date:	Dec. 07, 2023 - Dec. 28, 2023
Date of Issue:	Jan. 15, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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

Revision History

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

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	ITEL MOBILE LIMITED
Address	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG

2.2 Manufacturer Information

Manufacturer	ITEL MOBILE LIMITED
Address	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile phone
Model Name Under Test	S667LN
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	2G Network GSM/GPRS/EDGE 850/1900 MHz 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network FDD LTE Band 2/4/5/7/12/17/26/66 TDD LTE Band 38/41 Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, GPS, GLONASS, Galileo, BDS, SBAS, NFC

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

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 38.11 mW U-NII-2A: 40.09 mW U-NII-2C: 44.06 mW U-NII-3: 37.93 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: -1.74 dBi U-NII-2A: 5250 MHz to 5350 MHz: -1.74 dBi U-NII-2C: 5470 MHz to 5725 MHz: -1.74 dBi U-NII-3: 5725 MHz to 5850 MHz: -1.74 dBi
About the Product	The equipment is Mobile phone, intended for used with information technology equipment.

2.5 Channel List

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

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

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

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

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

3.2 Test Verdict

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	44% to 69%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+18.2℃ to +25.3℃
	LT (Low Temperature)	-10.0℃
	HT (High Temperature)	+55.0℃
Working Voltage of the EUT	NV (Normal Voltage)	3.85 V
	LV (Low Voltage)	3.45 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	MY46471071	2023.07.25	2024.07.24
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2023.09.05	2024.09.04
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.01.03	2024.01.02
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2023.06.19	2024.06.18
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2021.05.20	2024.05.19
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2022.02.19	2024.08.15
Amplifier	COM-MV	ZT30-1000M	07210897	2023.09.05	2024.09.04
Amplifier	COM-MV	LSCX_LNA 1-12G-01	7210214	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2023.09.05	2024.09.04
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.26	2026.03.03
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

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

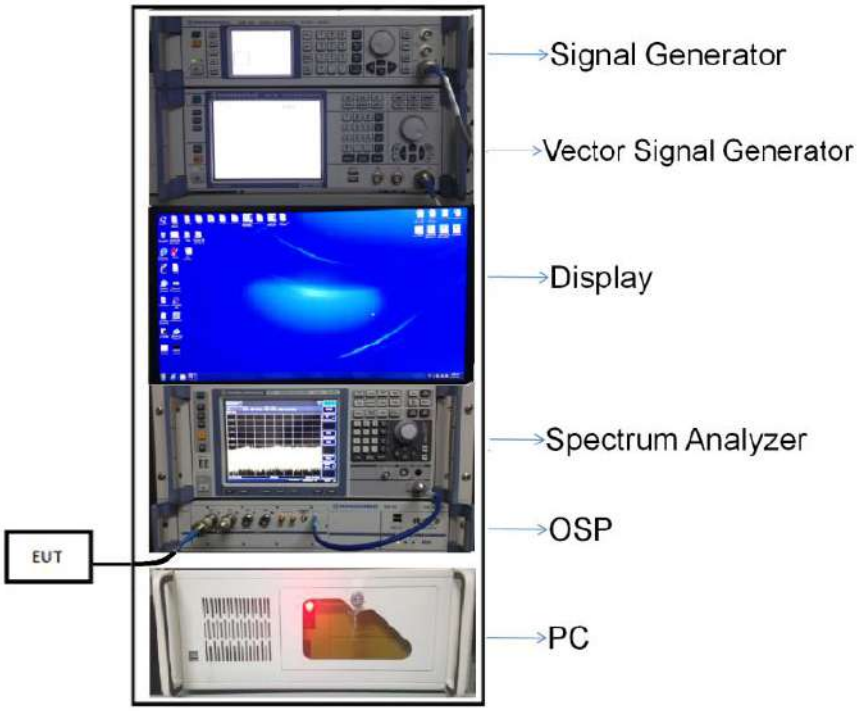
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

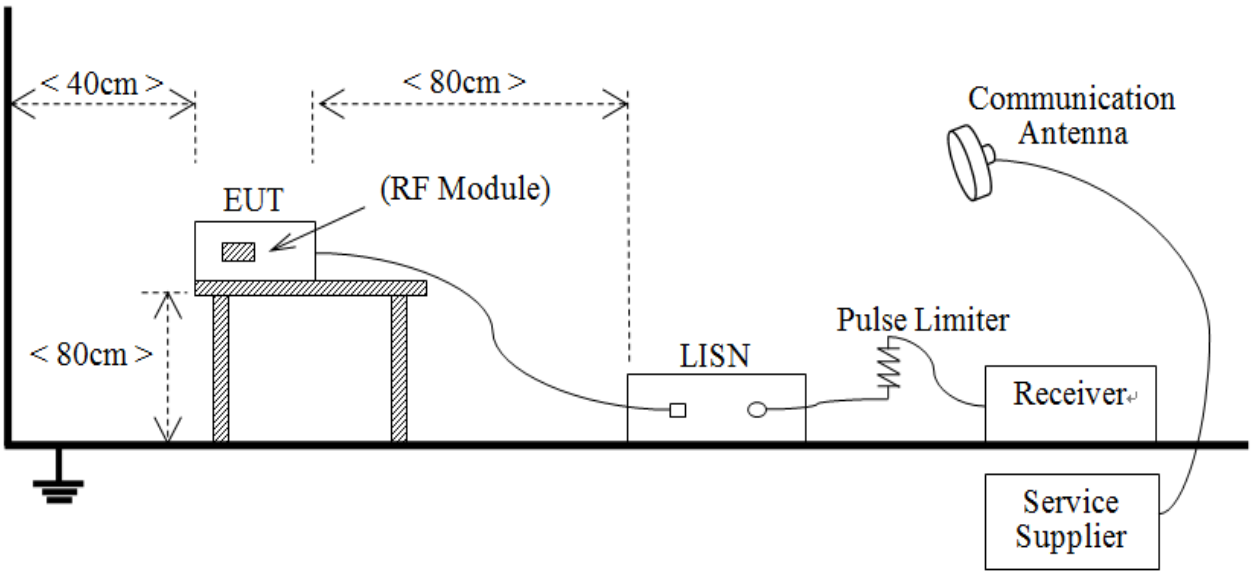
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

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



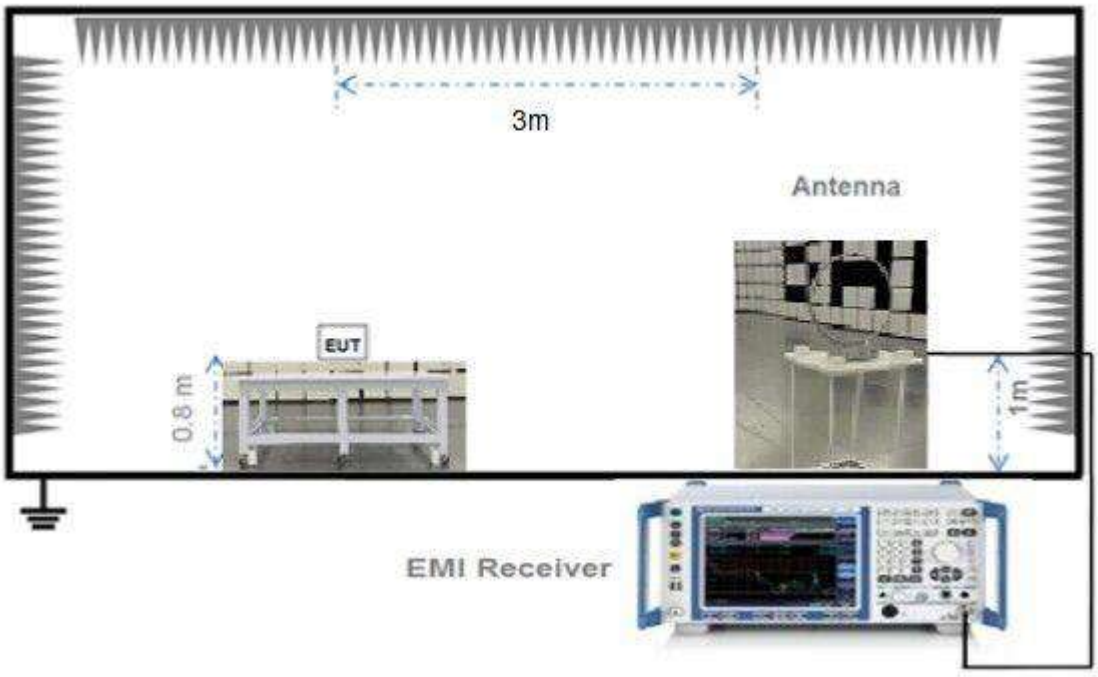
(Diagram 1)

4.5.2 For AC Power Supply Port Test



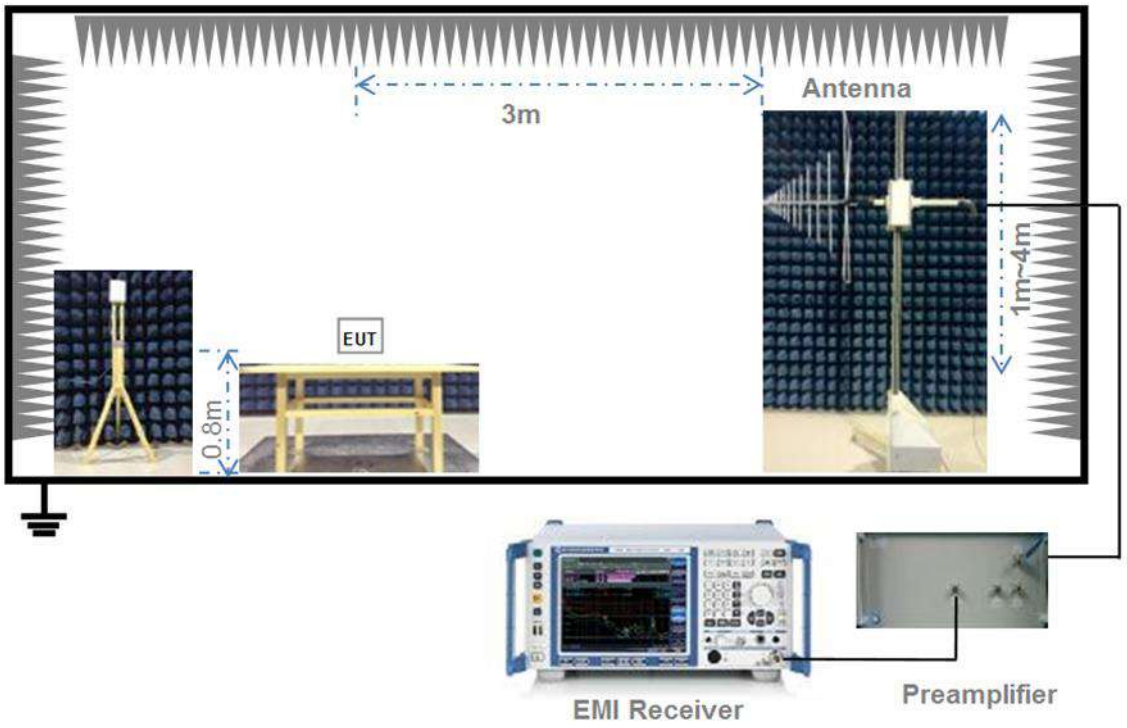
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



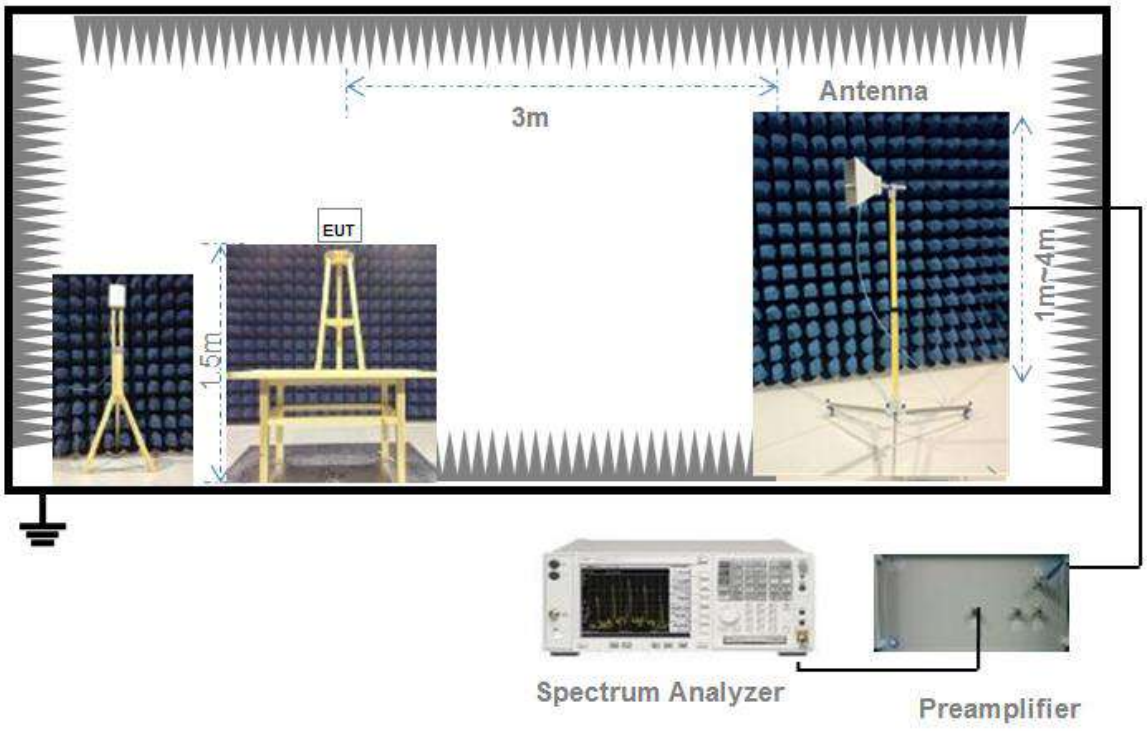
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

2. Set VBW ≥ 3*RBW,

3. Detector = Peak.

4. Trace mode = Max hold.

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

Occupied Bandwidth

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

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

3. Set VBW ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

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

6 dB bandwidth

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

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

3. Allow the trace to stabilize.

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

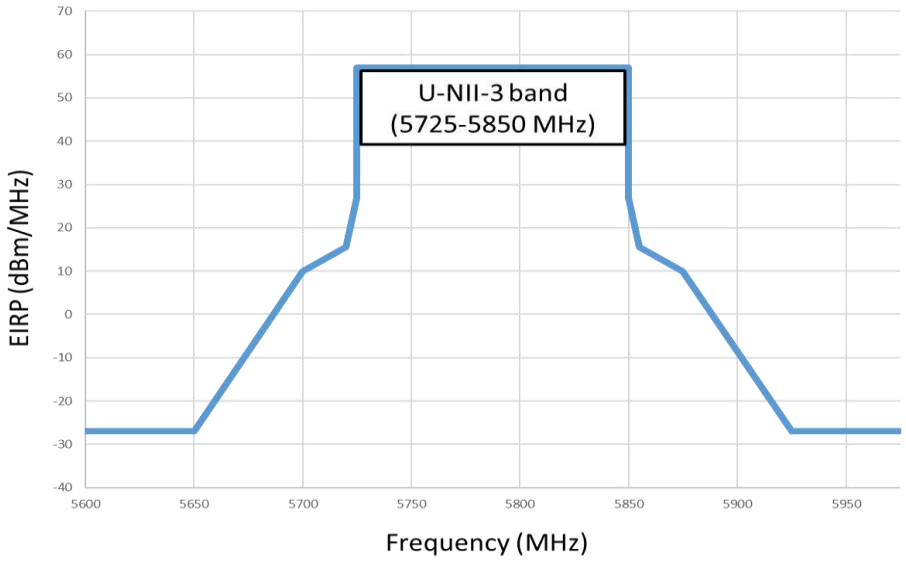
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

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

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

E = EIRP – 20log D + 104.8

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

a) RBW = as specified in Table 1.

b) VBW ≥ 3 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

d) VBW ≥ 3 x RBW.

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

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

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

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

g) Sweep time = auto.

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

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

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.39	1.43	97.00%	0.13
11n (HT20)/11ac (VHT20)	1.31	1.36	96.83%	0.14
11n (HT40)/11ac (VHT40)	0.65	0.70	93.57%	0.29
11ac (VHT80)	0.32	0.37	87.66%	0.57

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.80	38.02	250	Pass
11a	CH44	15.77	37.76	250	Pass
11a	CH48	15.31	33.96	250	Pass
11n (HT20)	CH36	15.65	36.73	250	Pass
11n (HT20)	CH44	15.77	37.76	250	Pass
11n (HT20)	CH48	15.80	38.02	250	Pass
11n (HT40)	CH38	15.65	36.73	250	Pass
11n (HT40)	CH46	15.61	36.39	250	Pass
11ac (VHT20)	CH36	15.76	37.67	250	Pass
11ac (VHT20)	CH44	15.81	38.11	250	Pass
11ac (VHT20)	CH48	15.71	37.24	250	Pass
11ac (VHT40)	CH38	15.79	37.93	250	Pass
11ac (VHT40)	CH46	15.75	37.58	250	Pass
11ac (VHT80)	CH42	14.80	30.20	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	15.39	34.59	250	Pass
11a	CH60	15.39	34.59	250	Pass
11a	CH64	15.38	34.51	250	Pass
11n (HT20)	CH52	15.73	37.41	250	Pass
11n (HT20)	CH60	15.89	38.82	250	Pass
11n (HT20)	CH64	15.98	39.63	250	Pass
11n (HT40)	CH54	15.79	37.93	250	Pass
11n (HT40)	CH62	15.65	36.73	250	Pass
11ac (VHT20)	CH52	15.78	37.84	250	Pass
11ac (VHT20)	CH60	15.92	39.08	250	Pass
11ac (VHT20)	CH64	16.03	40.09	250	Pass
11ac (VHT40)	CH54	15.81	38.11	250	Pass
11ac (VHT40)	CH62	15.75	37.58	250	Pass
11ac (VHT80)	CH58	15.48	35.32	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	16.40	43.65	250	Pass
11a	CH116	16.44	44.06	250	Pass
11a	CH140	16.32	42.85	250	Pass
11n (HT20)	CH100	16.21	41.78	250	Pass
11n (HT20)	CH116	16.18	41.50	250	Pass
11n (HT20)	CH140	16.17	41.40	250	Pass
11n (HT40)	CH102	14.96	31.33	250	Pass
11n (HT40)	CH118	16.14	41.11	250	Pass
11n (HT40)	CH134	15.82	38.19	250	Pass
11ac (VHT20)	CH100	16.25	42.17	250	Pass
11ac (VHT20)	CH116	16.23	41.98	250	Pass
11ac (VHT20)	CH140	16.10	40.74	250	Pass
11ac (VHT40)	CH102	16.05	40.27	250	Pass
11ac (VHT40)	CH118	16.10	40.74	250	Pass
11ac (VHT40)	CH134	15.95	39.36	250	Pass
11ac (VHT80)	CH106	16.38	43.45	250	Pass
11ac (VHT80)	CH122	16.33	42.95	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	15.77	37.76	1000	Pass
11a	CH157	15.79	37.93	1000	Pass
11a	CH165	15.69	37.07	1000	Pass
11n (HT20)	CH149	15.70	37.15	1000	Pass
11n (HT20)	CH157	15.63	36.56	1000	Pass
11n (HT20)	CH165	15.67	36.90	1000	Pass
11n (HT40)	CH151	15.47	35.24	1000	Pass
11n (HT40)	CH159	15.45	35.08	1000	Pass
11ac (VHT20)	CH149	15.72	37.33	1000	Pass
11ac (VHT20)	CH157	15.75	37.58	1000	Pass
11ac (VHT20)	CH165	15.66	36.81	1000	Pass
11ac (VHT40)	CH151	15.51	35.56	1000	Pass
11ac (VHT40)	CH159	15.34	34.20	1000	Pass
11ac (VHT80)	CH155	15.24	33.42	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ23C0328-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.04	16.51
11a	CH44	20.15	16.49
11a	CH48	20.01	16.49
11n (HT20)	CH36	20.33	17.61
11n (HT20)	CH44	20.34	17.61
11n (HT20)	CH48	20.36	17.60
11n (HT40)	CH38	40.70	36.08
11n (HT40)	CH46	40.65	36.05
11ac (VHT20)	CH36	20.36	17.57
11ac (VHT20)	CH44	20.41	17.59
11ac (VHT20)	CH48	20.34	17.57
11ac (VHT40)	CH38	40.71	36.03
11ac (VHT40)	CH46	40.41	36.02
11ac (VHT80)	CH42	81.22	75.25

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.16	16.52
11a	CH60	20.07	16.53
11a	CH64	20.08	16.55
11n (HT20)	CH52	20.38	17.63
11n (HT20)	CH60	20.46	17.63
11n (HT20)	CH64	20.49	17.65
11n (HT40)	CH54	40.84	36.15
11n (HT40)	CH62	40.81	36.16
11ac (VHT20)	CH52	20.38	17.60
11ac (VHT20)	CH60	20.45	17.62
11ac (VHT20)	CH64	20.57	17.61
11ac (VHT40)	CH54	40.88	36.08
11ac (VHT40)	CH62	40.92	36.06
11ac (VHT80)	CH58	81.44	75.42

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.13	16.56
11a	CH116	20.06	16.52
11a	CH140	20.13	16.54
11n (HT20)	CH100	20.48	17.63
11n (HT20)	CH116	20.41	17.62
11n (HT20)	CH140	20.42	17.65
11n (HT40)	CH102	40.53	36.09
11n (HT40)	CH118	40.57	36.15
11n (HT40)	CH134	40.85	36.11
11ac (VHT20)	CH100	20.45	17.62
11ac (VHT20)	CH116	20.41	17.59
11ac (VHT20)	CH140	20.44	17.61
11ac (VHT40)	CH102	40.78	36.08
11ac (VHT40)	CH118	40.98	36.08
11ac (VHT40)	CH134	42.98	36.05
11ac (VHT80)	CH106	81.23	75.29
11ac (VHT80)	CH122	80.94	75.35

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.10	16.55
11a	CH157	20.21	16.56
11a	CH165	20.04	16.50
11n (HT20)	CH149	20.39	17.64
11n (HT20)	CH157	20.50	17.65
11n (HT20)	CH165	20.34	17.64
11n (HT40)	CH151	40.80	36.16
11n (HT40)	CH159	40.88	36.13
11ac (VHT20)	CH149	20.46	17.60
11ac (VHT20)	CH157	20.52	17.60
11ac (VHT20)	CH165	20.55	17.61
11ac (VHT40)	CH151	40.93	36.04
11ac (VHT40)	CH159	40.64	36.06
11ac (VHT80)	CH155	92.00	75.31

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ23C0328-604 Data Part 2.pdf”.

Test Data

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

A.4 Power Spectral Density

Note [1]: Test plots please refer to the document “Annex No.: BL-SZ23C0328-604 Data Part 3.pdf”.

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

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	5.05	11.00	Pass
11a	CH44	4.68	11.00	Pass
11a	CH48	4.59	11.00	Pass
11n (HT20)	CH36	4.67	11.00	Pass
11n (HT20)	CH44	4.30	11.00	Pass
11n (HT20)	CH48	4.17	11.00	Pass
11n (HT40)	CH38	1.47	11.00	Pass
11n (HT40)	CH46	1.32	11.00	Pass
11ac (VHT20)	CH36	4.61	11.00	Pass
11ac (VHT20)	CH44	4.19	11.00	Pass
11ac (VHT20)	CH48	4.14	11.00	Pass
11ac (VHT40)	CH38	1.44	11.00	Pass
11ac (VHT40)	CH46	1.29	11.00	Pass
11ac (VHT80)	CH42	-2.62	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	5.09	11.00	Pass
11a	CH60	5.14	11.00	Pass
11a	CH64	5.20	11.00	Pass
11n (HT20)	CH52	4.75	11.00	Pass
11n (HT20)	CH60	4.87	11.00	Pass
11n (HT20)	CH64	4.92	11.00	Pass
11n (HT40)	CH54	1.81	11.00	Pass
11n (HT40)	CH62	1.78	11.00	Pass
11ac (VHT20)	CH52	4.89	11.00	Pass
11ac (VHT20)	CH60	4.97	11.00	Pass
11ac (VHT20)	CH64	5.01	11.00	Pass
11ac (VHT40)	CH54	1.74	11.00	Pass
11ac (VHT40)	CH62	1.83	11.00	Pass
11ac (VHT80)	CH58	-1.68	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	5.91	11.00	Pass
11a	CH116	5.87	11.00	Pass
11a	CH140	5.86	11.00	Pass
11n (HT20)	CH100	5.66	11.00	Pass
11n (HT20)	CH116	5.35	11.00	Pass
11n (HT20)	CH140	5.41	11.00	Pass
11n (HT40)	CH102	1.52	11.00	Pass
11n (HT40)	CH118	2.29	11.00	Pass
11n (HT40)	CH134	2.30	11.00	Pass
11ac (VHT20)	CH100	5.62	11.00	Pass
11ac (VHT20)	CH116	5.43	11.00	Pass
11ac (VHT20)	CH140	5.52	11.00	Pass
11ac (VHT40)	CH102	2.55	11.00	Pass
11ac (VHT40)	CH118	2.25	11.00	Pass
11ac (VHT40)	CH134	2.21	11.00	Pass
11ac (VHT80)	CH106	-0.66	11.00	Pass
11ac (VHT80)	CH122	-1.10	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	2.49	30.00	Pass
11a	CH157	2.39	30.00	Pass
11a	CH165	2.29	30.00	Pass
11n (HT20)	CH149	2.16	30.00	Pass
11n (HT20)	CH157	2.16	30.00	Pass
11n (HT20)	CH165	2.09	30.00	Pass
11n (HT40)	CH151	-1.12	30.00	Pass
11n (HT40)	CH159	-1.22	30.00	Pass
11ac (VHT20)	CH149	2.21	30.00	Pass
11ac (VHT20)	CH157	1.93	30.00	Pass
11ac (VHT20)	CH165	1.96	30.00	Pass
11ac (VHT40)	CH151	-1.10	30.00	Pass
11ac (VHT40)	CH159	-1.29	30.00	Pass
11ac (VHT80)	CH155	-4.23	30.00	Pass

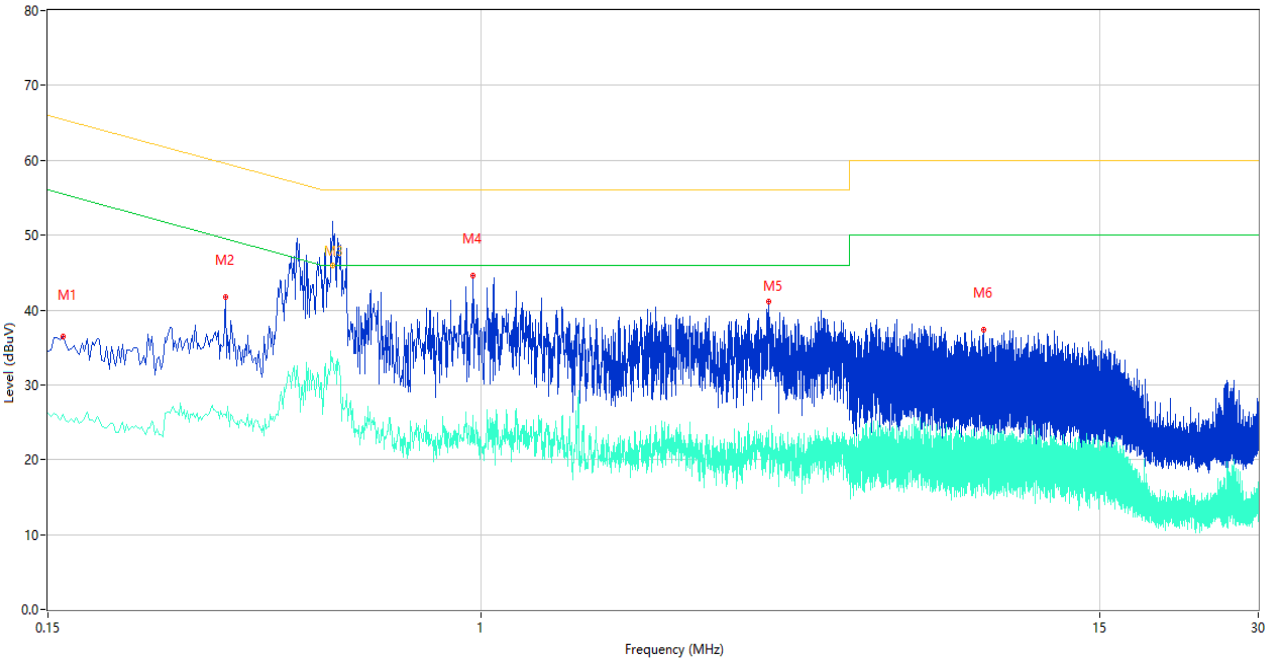
A.5 Conducted Emissions

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

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

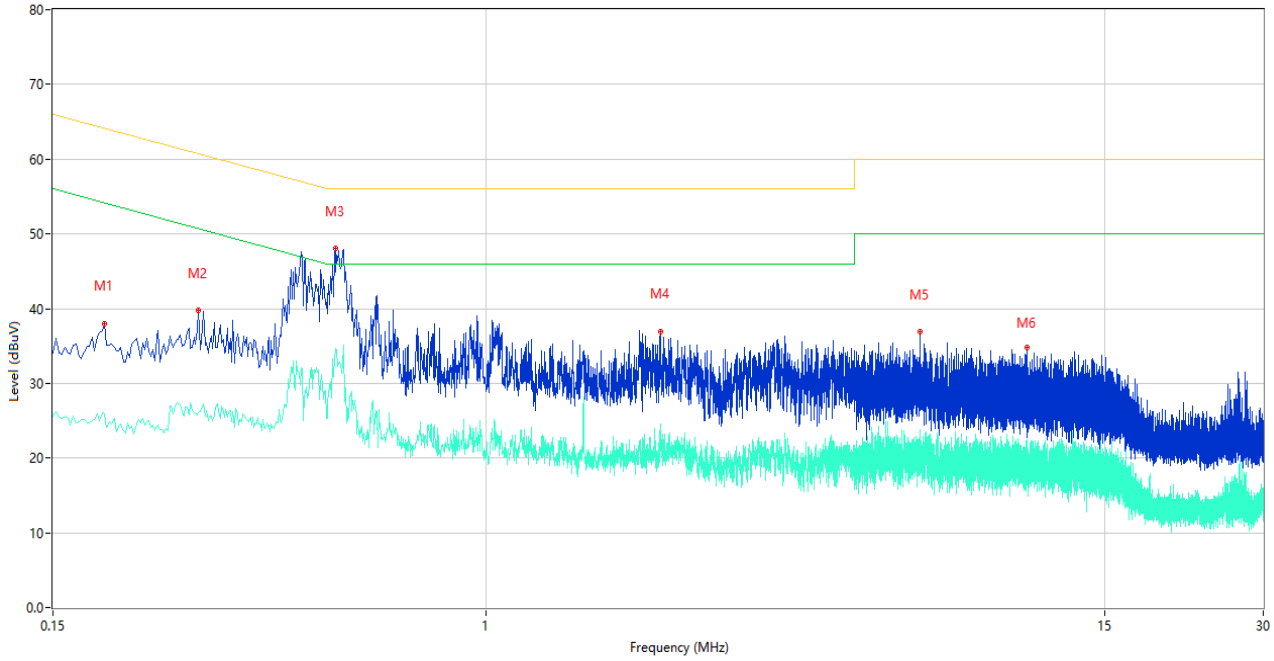
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.160	36.52	9.46	65.46	28.94	Peak	L	Pass
1**	0.160	26.12	9.46	55.46	29.34	AV	L	Pass
2	0.326	41.74	9.38	59.55	17.81	Peak	L	Pass
2**	0.326	26.10	9.38	49.55	23.45	AV	L	Pass
3	0.522	52.05	9.74	56.00	3.95	Peak	L	N/A
3*	0.522	46.00	9.74	56.00	10.00	QP	L	Pass
3**	0.522	33.54	9.74	46.00	12.46	AV	L	Pass
4	0.964	44.61	10.10	56.00	11.39	Peak	L	Pass
4**	0.964	25.89	10.10	46.00	20.11	AV	L	Pass
5	3.518	41.12	9.81	56.00	14.88	Peak	L	Pass
5**	3.518	21.15	9.81	46.00	24.85	AV	L	Pass
6	9.008	37.39	9.02	60.00	22.61	Peak	L	Pass
6**	9.008	20.96	9.02	50.00	29.04	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.188	38.04	9.43	64.12	26.08	Peak	N	Pass
1**	0.188	25.99	9.43	54.12	28.13	AV	N	Pass
2	0.284	39.75	9.43	60.70	20.95	Peak	N	Pass
2**	0.284	26.08	9.43	50.70	24.62	AV	N	Pass
3	0.516	48.07	9.72	56.00	7.93	Peak	N	Pass
3**	0.516	34.28	9.72	46.00	11.72	AV	N	Pass
4	2.142	36.97	9.93	56.00	19.03	Peak	N	Pass
4**	2.142	24.49	9.93	46.00	21.51	AV	N	Pass
5	6.666	36.89	9.40	60.00	23.11	Peak	N	Pass
5**	6.666	22.17	9.40	50.00	27.83	AV	N	Pass
6	10.672	34.83	8.74	60.00	25.17	Peak	N	Pass
6**	10.672	22.48	8.74	50.00	27.52	AV	N	Pass

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

Note [1]: The symbol of "--" in the table which means not application.

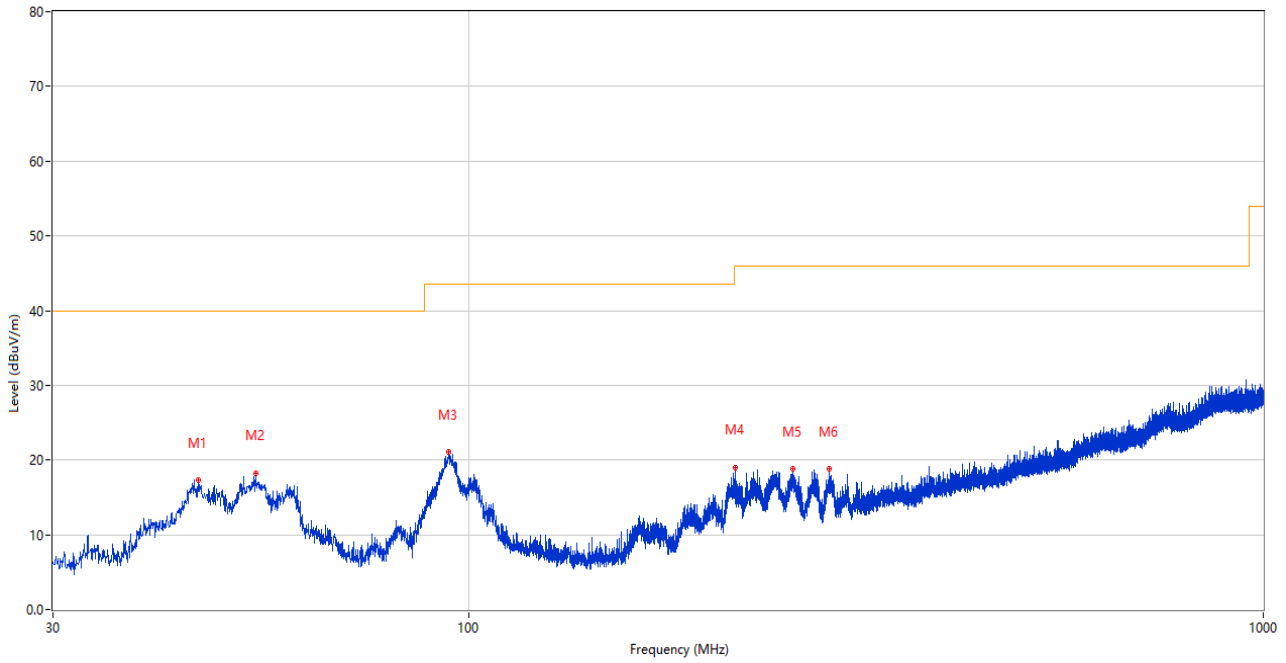
Note [2]: For the test data above 1 GHz，According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note [3]: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note [4]: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

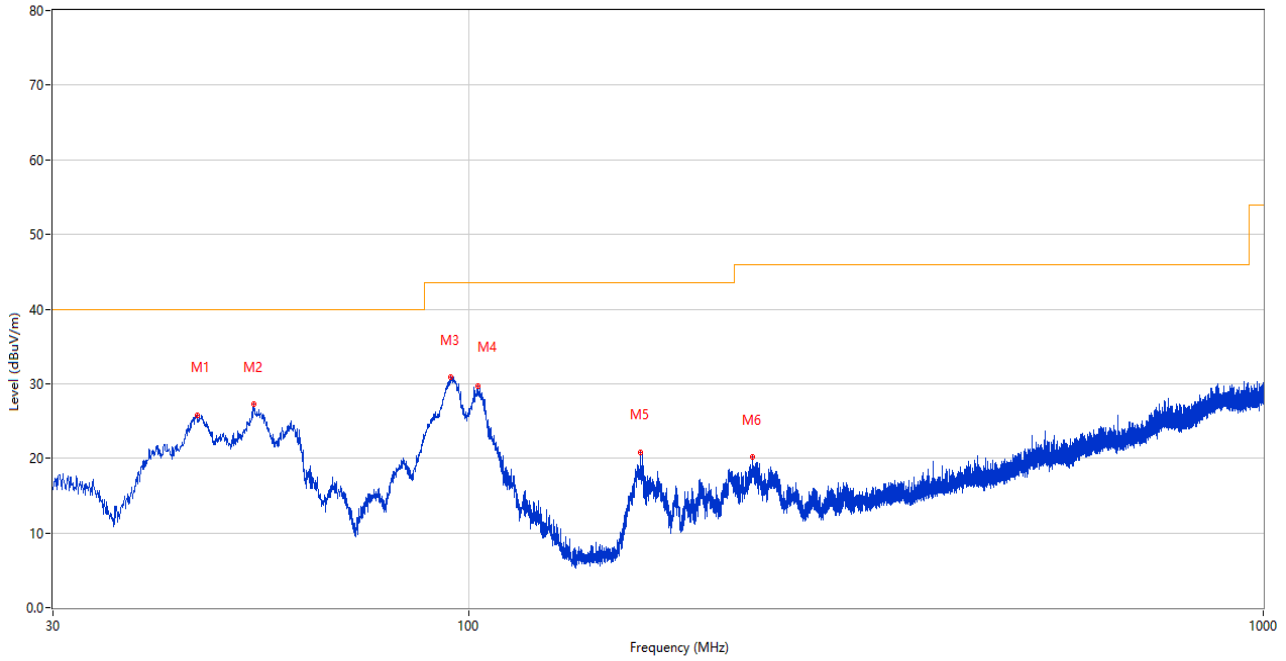
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	45.763	17.37	-25.69	40.0	22.63	Peak	144.00	100	Horizontal	Pass
2	53.959	18.28	-25.22	40.0	21.72	Peak	360.00	100	Horizontal	Pass
3	94.359	21.05	-27.62	43.5	22.45	Peak	235.00	200	Horizontal	Pass
4	216.434	19.05	-26.25	46.0	26.95	Peak	284.00	100	Horizontal	Pass
5	256.010	18.81	-24.29	46.0	27.19	Peak	53.00	100	Horizontal	Pass
6	284.431	18.78	-23.92	46.0	27.22	Peak	258.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	45.569	25.72	-25.71	40.0	14.28	Peak	143.00	100	Vertical	Pass
2	53.717	27.28	-25.24	40.0	12.72	Peak	114.00	100	Vertical	Pass
3	94.893	30.86	-27.51	43.5	12.64	Peak	171.00	100	Vertical	Pass
4	102.701	29.61	-26.90	43.5	13.89	Peak	215.00	100	Vertical	Pass
5	164.393	20.84	-29.26	43.5	22.66	Peak	213.00	100	Vertical	Pass
6	227.638	20.12	-25.49	46.0	25.88	Peak	336.00	100	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1474.000	38.80	-17.07	74.0	35.20	Peak	138.00	300	Horizontal	Pass
1**	1474.000	28.63	-17.07	54.0	25.37	AV	138.00	300	Horizontal	Pass
2	4344.500	46.89	-4.85	74.0	27.11	Peak	217.00	200	Horizontal	Pass
2**	4344.500	37.04	-4.85	54.0	16.96	AV	217.00	200	Horizontal	Pass
3	5178.500	102.90	-2.63	--	--	Peak	34.00	100	Horizontal	N/A
3**	5178.500	94.97	-2.63	--	--	AV	34.00	100	Horizontal	N/A
4	7465.000	53.13	0.16	74.0	20.87	Peak	54.00	400	Horizontal	Pass
4**	7465.000	43.11	0.16	54.0	10.89	AV	54.00	400	Horizontal	Pass
5	12336.513	52.21	0.77	74.0	21.79	Peak	150.00	100	Horizontal	Pass
5**	12336.513	42.94	0.77	54.0	11.06	AV	150.00	100	Horizontal	Pass
6	16166.963	53.88	2.04	74.0	20.12	Peak	96.00	200	Horizontal	Pass
6**	16166.963	44.85	2.04	54.0	9.15	AV	96.00	200	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	1484.600	39.34	-16.91	74.0	34.66	Peak	280.00	200	Vertical	Pass
1**	1484.600	33.12	-16.91	54.0	20.88	AV	280.00	200	Vertical	Pass
2	4221.500	46.95	-5.09	74.0	27.05	Peak	300.00	300	Vertical	Pass
2**	4221.500	37.44	-5.09	54.0	16.56	AV	300.00	300	Vertical	Pass
3	5181.000	98.20	-2.37	--	--	Peak	217.00	150	Vertical	N/A
3**	5181.000	91.35	-2.37	--	--	AV	217.00	150	Vertical	N/A
4	7318.750	53.38	0.59	74.0	20.62	Peak	0.00	400	Vertical	Pass
4**	7318.750	43.51	0.59	54.0	10.49	AV	0.00	400	Vertical	Pass
5	11796.200	52.47	-0.15	74.0	21.53	Peak	172.00	100	Vertical	Pass
5**	11796.200	43.68	-0.15	54.0	10.32	AV	172.00	100	Vertical	Pass
6	16149.638	53.32	2.15	74.0	20.68	Peak	152.00	300	Vertical	Pass
6**	16149.638	44.71	2.15	54.0	9.29	AV	152.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.100	38.82	-17.31	74.0	35.18	Peak	18.00	400	Horizontal	Pass
1**	1485.100	31.83	-17.31	54.0	22.17	AV	18.00	400	Horizontal	Pass
2	4394.750	47.92	-4.64	74.0	26.08	Peak	360.00	400	Horizontal	Pass
2**	4394.750	37.78	-4.64	54.0	16.22	AV	360.00	400	Horizontal	Pass
3	5219.000	102.92	-2.84	--	--	Peak	40.00	150	Horizontal	N/A
3**	5219.000	95.97	-2.84	--	--	AV	40.00	150	Horizontal	N/A
4	7304.500	52.91	0.01	74.0	21.09	Peak	312.00	400	Horizontal	Pass
4**	7304.500	42.62	0.01	54.0	11.38	AV	312.00	400	Horizontal	Pass
5	11776.963	52.29	-0.17	74.0	21.71	Peak	109.00	200	Horizontal	Pass
5**	11776.963	42.64	-0.17	54.0	11.36	AV	109.00	200	Horizontal	Pass
6	16165.387	53.88	2.05	74.0	20.12	Peak	158.00	300	Horizontal	Pass
6**	16165.387	44.95	2.05	54.0	9.05	AV	158.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	39.04	-16.98	74.0	34.96	Peak	0.00	200	Vertical	Pass
1**	1484.800	34.18	-16.98	54.0	19.82	AV	0.00	200	Vertical	Pass
2	4322.250	47.08	-5.05	74.0	26.92	Peak	360.00	200	Vertical	Pass
2**	4322.250	37.79	-5.05	54.0	16.21	AV	360.00	200	Vertical	Pass
3	5218.250	98.86	-2.79	--	--	Peak	222.00	200	Vertical	N/A
3**	5218.250	91.46	-2.79	--	--	AV	222.00	200	Vertical	N/A
4	7567.750	53.18	0.60	74.0	20.82	Peak	0.00	100	Vertical	Pass
4**	7567.750	43.28	0.60	54.0	10.72	AV	0.00	100	Vertical	Pass
5	12335.799	52.19	0.76	74.0	21.81	Peak	347.00	100	Vertical	Pass
5**	12335.799	42.29	0.76	54.0	11.71	AV	347.00	100	Vertical	Pass
6	16164.076	53.55	2.06	74.0	20.45	Peak	220.00	200	Vertical	Pass
6**	16164.076	44.56	2.06	54.0	9.44	AV	220.00	200	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	1484.800	38.84	-16.98	74.0	35.16	Peak	303.00	300	Horizontal	Pass
1**	1484.800	33.36	-16.98	54.0	20.64	AV	303.00	300	Horizontal	Pass
2	4365.750	47.01	-4.99	74.0	26.99	Peak	156.00	100	Horizontal	Pass
2**	4365.750	37.20	-4.99	54.0	16.80	AV	156.00	100	Horizontal	Pass
3	5241.750	102.80	-3.09	--	--	Peak	34.00	200	Horizontal	N/A
3**	5241.750	95.77	-3.09	--	--	AV	34.00	200	Horizontal	N/A
4	7321.000	52.98	0.21	74.0	21.02	Peak	156.00	300	Horizontal	Pass
4**	7321.000	43.32	0.21	54.0	10.68	AV	156.00	300	Horizontal	Pass
5	11794.775	52.03	-0.15	74.0	21.97	Peak	335.00	100	Horizontal	Pass
5**	11794.775	43.46	-0.15	54.0	10.54	AV	335.00	100	Horizontal	Pass
6	16149.638	53.11	2.15	74.0	20.89	Peak	288.00	200	Horizontal	Pass
6**	16149.638	45.41	2.15	54.0	8.59	AV	288.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	38.35	-16.98	74.0	35.65	Peak	0.00	400	Vertical	Pass
1**	1484.800	34.32	-16.98	54.0	19.68	AV	0.00	400	Vertical	Pass
2	4330.500	46.63	-4.92	74.0	27.37	Peak	168.00	300	Vertical	Pass
2**	4330.500	37.44	-4.92	54.0	16.56	AV	168.00	300	Vertical	Pass
3	5239.250	97.21	-2.92	--	--	Peak	209.00	100	Vertical	N/A
3**	5239.250	90.00	-2.92	--	--	AV	209.00	100	Vertical	N/A
4	7354.250	52.87	0.40	74.0	21.13	Peak	5.00	300	Vertical	Pass
4**	7354.250	44.38	0.40	54.0	9.62	AV	5.00	300	Vertical	Pass
5	12290.675	52.33	0.66	74.0	21.67	Peak	77.00	100	Vertical	Pass
5**	12290.675	42.89	0.66	54.0	11.11	AV	77.00	100	Vertical	Pass
6	16168.537	54.29	2.03	74.0	19.71	Peak	0.00	400	Vertical	Pass
6**	16168.537	44.54	2.03	54.0	9.46	AV	0.00	400	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	1463.700	38.33	-17.21	74.0	35.67	Peak	226.00	200	Horizontal	Pass
1**	1463.700	28.54	-17.21	54.0	25.46	AV	226.00	200	Horizontal	Pass
2	4347.000	46.73	-5.04	74.0	27.27	Peak	93.00	100	Horizontal	Pass
2**	4347.000	37.51	-5.04	54.0	16.49	AV	93.00	100	Horizontal	Pass
3	5181.000	102.72	-2.37	--	--	Peak	20.00	150	Horizontal	N/A
3**	5181.000	94.91	-2.37	--	--	AV	20.00	150	Horizontal	N/A
4	7592.000	52.81	0.87	74.0	21.19	Peak	341.00	300	Horizontal	Pass
4**	7592.000	43.33	0.87	54.0	10.67	AV	341.00	300	Horizontal	Pass
5	11781.950	52.64	-0.16	74.0	21.36	Peak	313.00	150	Horizontal	Pass
5**	11781.950	43.13	-0.16	54.0	10.87	AV	313.00	150	Horizontal	Pass
6	16160.400	53.10	2.08	74.0	20.90	Peak	361.00	200	Horizontal	Pass
6**	16160.400	44.11	2.08	54.0	9.89	AV	361.00	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	1484.700	38.92	-16.94	74.0	35.08	Peak	360.00	400	Vertical	Pass
1**	1484.700	31.05	-16.94	54.0	22.95	AV	360.00	400	Vertical	Pass
2	4251.000	47.35	-4.04	74.0	26.65	Peak	139.00	200	Vertical	Pass
2**	4251.000	38.01	-4.04	54.0	15.99	AV	139.00	200	Vertical	Pass
3	5182.000	98.36	-2.38	--	--	Peak	224.00	200	Vertical	N/A
3**	5182.000	90.97	-2.38	--	--	AV	224.00	200	Vertical	N/A
4	7493.500	52.91	0.92	74.0	21.09	Peak	0.00	100	Vertical	Pass
4**	7493.500	44.37	0.92	54.0	9.63	AV	0.00	100	Vertical	Pass
5	11795.488	52.24	-0.15	74.0	21.76	Peak	279.00	150	Vertical	Pass
5**	11795.488	43.48	-0.15	54.0	10.52	AV	279.00	150	Vertical	Pass
6	15756.151	53.44	1.21	74.0	20.56	Peak	59.00	100	Vertical	Pass
6**	15756.151	43.89	1.21	54.0	10.11	AV	59.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	38.44	-17.09	74.0	35.56	Peak	260.00	100	Horizontal	Pass
1**	1484.900	31.43	-17.09	54.0	22.57	AV	260.00	100	Horizontal	Pass
2	4319.500	46.66	-5.05	74.0	27.34	Peak	81.00	100	Horizontal	Pass
2**	4319.500	38.00	-5.05	54.0	16.00	AV	81.00	100	Horizontal	Pass
3	5221.250	102.89	-3.07	--	--	Peak	37.00	200	Horizontal	N/A
3**	5221.250	96.00	-3.07	--	--	AV	37.00	200	Horizontal	N/A
4	7563.250	52.69	0.17	74.0	21.31	Peak	342.00	200	Horizontal	Pass
4**	7563.250	43.33	0.17	54.0	10.67	AV	342.00	200	Horizontal	Pass
5	11799.050	52.36	-0.15	74.0	21.64	Peak	0.00	100	Horizontal	Pass
5**	11799.050	43.76	-0.15	54.0	10.24	AV	0.00	100	Horizontal	Pass
6	16191.638	53.14	1.87	74.0	20.86	Peak	108.00	400	Horizontal	Pass
6**	16191.638	44.05	1.87	54.0	9.95	AV	108.00	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	1484.700	40.10	-16.94	74.0	33.90	Peak	6.00	400	Vertical	Pass
1**	1484.700	32.98	-16.94	54.0	21.02	AV	6.00	400	Vertical	Pass
2	4262.500	47.25	-4.38	74.0	26.75	Peak	122.00	400	Vertical	Pass
2**	4262.500	39.25	-4.38	54.0	14.75	AV	122.00	400	Vertical	Pass
3	5221.250	99.23	-3.07	--	--	Peak	220.00	200	Vertical	N/A
3**	5221.250	91.57	-3.07	--	--	AV	220.00	200	Vertical	N/A
4	7358.000	52.92	0.60	74.0	21.08	Peak	197.00	100	Vertical	Pass
4**	7358.000	43.94	0.60	54.0	10.06	AV	197.00	100	Vertical	Pass
5	11787.888	52.19	-0.16	74.0	21.81	Peak	339.00	100	Vertical	Pass
5**	11787.888	44.01	-0.16	54.0	9.99	AV	339.00	100	Vertical	Pass
6	16165.387	53.54	2.05	74.0	20.46	Peak	287.00	400	Vertical	Pass
6**	16165.387	44.67	2.05	54.0	9.33	AV	287.00	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	1484.900	40.04	-17.09	74.0	33.96	Peak	300.00	300	Horizontal	Pass
1**	1484.900	35.58	-17.09	54.0	18.42	AV	300.00	300	Horizontal	Pass
2	4399.000	47.47	-4.83	74.0	26.53	Peak	343.00	400	Horizontal	Pass
2**	4399.000	37.47	-4.83	54.0	16.53	AV	343.00	400	Horizontal	Pass
3	5238.750	103.07	-2.91	--	--	Peak	32.00	200	Horizontal	N/A
3**	5238.750	95.92	-2.91	--	--	AV	32.00	200	Horizontal	N/A
4	7368.000	52.82	0.88	74.0	21.18	Peak	322.00	400	Horizontal	Pass
4**	7368.000	43.90	0.88	54.0	10.10	AV	322.00	400	Horizontal	Pass
5	11692.412	52.51	-0.64	74.0	21.49	Peak	322.00	200	Horizontal	Pass
5**	11692.412	42.20	-0.64	54.0	11.80	AV	322.00	200	Horizontal	Pass
6	16085.588	53.33	1.56	74.0	20.67	Peak	125.00	100	Horizontal	Pass
6**	16085.588	43.76	1.56	54.0	10.24	AV	125.00	100	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	1484.800	39.60	-16.98	74.0	34.40	Peak	360.00	100	Vertical	Pass
1**	1484.800	32.81	-16.98	54.0	21.19	AV	360.00	100	Vertical	Pass
2	4263.500	47.33	-4.55	74.0	26.67	Peak	169.00	100	Vertical	Pass
2**	4263.500	38.21	-4.55	54.0	15.79	AV	169.00	100	Vertical	Pass
3	5241.750	97.62	-3.09	--	--	Peak	208.00	200	Vertical	N/A
3**	5241.750	89.86	-3.09	--	--	AV	208.00	200	Vertical	N/A
4	7359.500	53.68	0.87	74.0	20.32	Peak	360.00	400	Vertical	Pass
4**	7359.500	43.72	0.87	54.0	10.28	AV	360.00	400	Vertical	Pass
5	12541.475	52.38	1.20	74.0	21.62	Peak	179.00	150	Vertical	Pass
5**	12541.475	42.60	1.20	54.0	11.40	AV	179.00	150	Vertical	Pass
6	16156.463	53.27	2.11	74.0	20.73	Peak	40.00	100	Vertical	Pass
6**	16156.463	44.94	2.11	54.0	9.06	AV	40.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	39.25	-17.09	74.0	34.75	Peak	358.00	400	Horizontal	Pass
1**	1484.900	33.37	-17.09	54.0	20.63	AV	358.00	400	Horizontal	Pass
2	4350.500	47.47	-4.54	74.0	26.53	Peak	0.00	300	Horizontal	Pass
2**	4350.500	37.47	-4.54	54.0	16.53	AV	0.00	300	Horizontal	Pass
3	5186.250	98.88	-2.42	--	--	Peak	30.00	200	Horizontal	N/A
3**	5186.250	90.58	-2.42	--	--	AV	30.00	200	Horizontal	N/A
4	7742.000	52.80	0.45	74.0	21.20	Peak	0.00	300	Horizontal	Pass
4**	7742.000	44.33	0.45	54.0	9.67	AV	0.00	300	Horizontal	Pass
5	11777.438	52.62	-0.17	74.0	21.38	Peak	264.00	200	Horizontal	Pass
5**	11777.438	42.54	-0.17	54.0	11.46	AV	264.00	200	Horizontal	Pass
6	16170.375	54.30	2.01	74.0	19.70	Peak	188.00	300	Horizontal	Pass
6**	16170.375	45.15	2.01	54.0	8.85	AV	188.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.300	38.34	-17.31	74.0	35.66	Peak	0.00	100	Vertical	Pass
1**	1485.300	31.01	-17.31	54.0	22.99	AV	0.00	100	Vertical	Pass
2	4269.500	46.89	-5.07	74.0	27.11	Peak	207.00	100	Vertical	Pass
2**	4269.500	37.08	-5.07	54.0	16.92	AV	207.00	100	Vertical	Pass
3	5185.000	95.03	-2.34	--	--	Peak	207.00	150	Vertical	N/A
3**	5185.000	87.11	-2.34	--	--	AV	207.00	150	Vertical	N/A
4	7740.500	53.33	0.65	74.0	20.67	Peak	275.00	400	Vertical	Pass
4**	7740.500	44.61	0.65	54.0	9.39	AV	275.00	400	Vertical	Pass
5	11798.575	51.72	-0.15	74.0	22.28	Peak	237.00	100	Vertical	Pass
5**	11798.575	43.59	-0.15	54.0	10.41	AV	237.00	100	Vertical	Pass
6	16168.275	53.40	2.03	74.0	20.60	Peak	197.00	100	Vertical	Pass
6**	16168.275	44.33	2.03	54.0	9.67	AV	197.00	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	1484.600	40.17	-16.91	74.0	33.83	Peak	0.00	100	Horizontal	Pass
1**	1484.600	33.44	-16.91	54.0	20.56	AV	0.00	100	Horizontal	Pass
2	4344.000	48.01	-5.14	74.0	25.99	Peak	324.00	100	Horizontal	Pass
2**	4344.000	36.83	-5.14	54.0	17.17	AV	324.00	100	Horizontal	Pass
3	5233.750	100.06	-2.94	--	--	Peak	39.00	200	Horizontal	N/A
3**	5233.750	92.48	-2.94	--	--	AV	39.00	200	Horizontal	N/A
4	7707.250	53.30	1.56	74.0	20.70	Peak	283.00	400	Horizontal	Pass
4**	7707.250	43.44	1.56	54.0	10.56	AV	283.00	400	Horizontal	Pass
5	11781.474	52.25	-0.16	74.0	21.75	Peak	255.00	100	Horizontal	Pass
5**	11781.474	42.97	-0.16	54.0	11.03	AV	255.00	100	Horizontal	Pass
6	16166.700	54.08	2.04	74.0	19.92	Peak	339.00	100	Horizontal	Pass
6**	16166.700	44.23	2.04	54.0	9.77	AV	339.00	100	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	1484.900	38.69	-17.09	74.0	35.31	Peak	139.00	100	Vertical	Pass
1**	1484.900	32.99	-17.09	54.0	21.01	AV	139.00	100	Vertical	Pass
2	4247.500	47.06	-4.62	74.0	26.94	Peak	271.00	100	Vertical	Pass
2**	4247.500	37.74	-4.62	54.0	16.26	AV	271.00	100	Vertical	Pass
3	5226.500	95.41	-3.22	--	--	Peak	224.00	200	Vertical	N/A
3**	5226.500	88.03	-3.22	--	--	AV	224.00	200	Vertical	N/A
4	7734.750	53.17	0.02	74.0	20.83	Peak	198.00	200	Vertical	Pass
4**	7734.750	44.02	0.02	54.0	9.98	AV	198.00	200	Vertical	Pass
5	11794.300	52.34	-0.15	74.0	21.66	Peak	154.00	200	Vertical	Pass
5**	11794.300	43.34	-0.15	54.0	10.66	AV	154.00	200	Vertical	Pass
6	16166.700	53.53	2.04	74.0	20.47	Peak	302.00	300	Vertical	Pass
6**	16166.700	44.25	2.04	54.0	9.75	AV	302.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.100	38.48	-17.18	74.0	35.52	Peak	137.00	400	Horizontal	Pass
1**	1545.100	29.20	-17.18	54.0	24.80	AV	137.00	400	Horizontal	Pass
2	4313.750	47.03	-5.13	74.0	26.97	Peak	142.00	100	Horizontal	Pass
2**	4313.750	37.71	-5.13	54.0	16.29	AV	142.00	100	Horizontal	Pass
3	5183.000	103.16	-2.50	--	--	Peak	44.00	200	Horizontal	N/A
3**	5183.000	95.35	-2.50	--	--	AV	44.00	200	Horizontal	N/A
4	7479.250	53.53	0.65	74.0	20.47	Peak	119.00	400	Horizontal	Pass
4**	7479.250	43.87	0.65	54.0	10.13	AV	119.00	400	Horizontal	Pass
5	12508.937	52.18	1.39	74.0	21.82	Peak	225.00	200	Horizontal	Pass
5**	12508.937	42.20	1.39	54.0	11.80	AV	225.00	200	Horizontal	Pass
6	16166.700	54.20	2.04	74.0	19.80	Peak	39.00	100	Horizontal	Pass
6**	16166.700	43.98	2.04	54.0	10.02	AV	39.00	100	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	1484.800	39.38	-16.98	74.0	34.62	Peak	292.00	300	Vertical	Pass
1**	1484.800	33.89	-16.98	54.0	20.11	AV	292.00	300	Vertical	Pass
2	4394.750	47.04	-4.64	74.0	26.96	Peak	317.00	400	Vertical	Pass
2**	4394.750	37.95	-4.64	54.0	16.05	AV	317.00	400	Vertical	Pass
3	5180.750	98.55	-2.42	--	--	Peak	219.00	150	Vertical	N/A
3**	5180.750	90.49	-2.42	--	--	AV	219.00	150	Vertical	N/A
4	7485.750	53.04	1.39	74.0	20.96	Peak	268.00	100	Vertical	Pass
4**	7485.750	44.66	1.39	54.0	9.34	AV	268.00	100	Vertical	Pass
5	11780.525	52.74	-0.16	74.0	21.26	Peak	271.00	200	Vertical	Pass
5**	11780.525	43.20	-0.16	54.0	10.80	AV	271.00	200	Vertical	Pass
6	16169.326	53.55	2.02	74.0	20.45	Peak	210.00	200	Vertical	Pass
6**	16169.326	44.72	2.02	54.0	9.28	AV	210.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	39.30	-16.98	74.0	34.70	Peak	0.00	100	Horizontal	Pass
1**	1484.800	32.58	-16.98	54.0	21.42	AV	0.00	100	Horizontal	Pass
2	4273.000	47.00	-5.23	74.0	27.00	Peak	292.00	400	Horizontal	Pass
2**	4273.000	38.99	-5.23	54.0	15.01	AV	292.00	400	Horizontal	Pass
3	5218.750	103.27	-2.94	--	--	Peak	27.00	200	Horizontal	N/A
3**	5218.750	95.75	-2.94	--	--	AV	27.00	200	Horizontal	N/A
4	7358.500	53.09	0.90	74.0	20.91	Peak	27.00	300	Horizontal	Pass
4**	7358.500	43.83	0.90	54.0	10.17	AV	27.00	300	Horizontal	Pass
5	11793.825	52.57	-0.15	74.0	21.43	Peak	286.00	100	Horizontal	Pass
5**	11793.825	43.41	-0.15	54.0	10.59	AV	286.00	100	Horizontal	Pass
6	16162.237	53.65	2.07	74.0	20.35	Peak	64.00	400	Horizontal	Pass
6**	16162.237	44.60	2.07	54.0	9.40	AV	64.00	400	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	1595.600	38.04	-16.93	74.0	35.96	Peak	227.00	400	Vertical	Pass
1**	1595.600	28.39	-16.93	54.0	25.61	AV	227.00	400	Vertical	Pass
2	4353.250	47.74	-4.60	74.0	26.26	Peak	110.00	100	Vertical	Pass
2**	4353.250	38.56	-4.60	54.0	15.44	AV	110.00	100	Vertical	Pass
3	5224.000	98.42	-3.20	--	--	Peak	212.00	100	Vertical	N/A
3**	5224.000	90.48	-3.20	--	--	AV	212.00	100	Vertical	N/A
4	7630.000	53.01	0.22	74.0	20.99	Peak	290.00	100	Vertical	Pass
4**	7630.000	44.11	0.22	54.0	9.89	AV	290.00	100	Vertical	Pass
5	12022.537	51.93	0.16	74.0	22.07	Peak	189.00	100	Vertical	Pass
5**	12022.537	42.43	0.16	54.0	11.57	AV	189.00	100	Vertical	Pass
6	16160.663	53.59	2.08	74.0	20.41	Peak	152.00	300	Vertical	Pass
6**	16160.663	44.95	2.08	54.0	9.05	AV	152.00	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	1484.900	39.86	-17.09	74.0	34.14	Peak	0.00	400	Horizontal	Pass
1**	1484.900	32.39	-17.09	54.0	21.61	AV	0.00	400	Horizontal	Pass
2	4274.750	47.99	-5.07	74.0	26.01	Peak	93.00	400	Horizontal	Pass
2**	4274.750	37.47	-5.07	54.0	16.53	AV	93.00	400	Horizontal	Pass
3	5237.500	102.39	-3.09	--	--	Peak	34.00	150	Horizontal	N/A
3**	5237.500	95.25	-3.09	--	--	AV	34.00	150	Horizontal	N/A
4	7709.250	53.35	1.90	74.0	20.65	Peak	334.00	300	Horizontal	Pass
4**	7709.250	44.10	1.90	54.0	9.90	AV	334.00	300	Horizontal	Pass
5	11795.488	52.65	-0.15	74.0	21.35	Peak	57.00	150	Horizontal	Pass
5**	11795.488	43.38	-0.15	54.0	10.62	AV	57.00	150	Horizontal	Pass
6	16161.713	53.48	2.07	74.0	20.52	Peak	0.00	100	Horizontal	Pass
6**	16161.713	44.89	2.07	54.0	9.11	AV	0.00	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	1484.600	39.29	-16.91	74.0	34.71	Peak	349.00	300	Vertical	Pass
1**	1484.600	31.75	-16.91	54.0	22.25	AV	349.00	300	Vertical	Pass
2	4391.000	47.01	-5.34	74.0	26.99	Peak	0.00	400	Vertical	Pass
2**	4391.000	37.49	-5.34	54.0	16.51	AV	0.00	400	Vertical	Pass
3	5239.250	97.39	-2.92	--	--	Peak	220.00	150	Vertical	N/A
3**	5239.250	89.75	-2.92	--	--	AV	220.00	150	Vertical	N/A
4	7625.250	52.59	0.32	74.0	21.41	Peak	103.00	200	Vertical	Pass
4**	7625.250	43.88	0.32	54.0	10.12	AV	103.00	200	Vertical	Pass
5	12287.350	52.65	0.69	74.0	21.35	Peak	294.00	200	Vertical	Pass
5**	12287.350	42.97	0.69	54.0	11.03	AV	294.00	200	Vertical	Pass
6	16174.576	53.50	1.99	74.0	20.50	Peak	254.00	300	Vertical	Pass
6**	16174.576	44.11	1.99	54.0	9.89	AV	254.00	300	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	1531.900	38.46	-16.93	74.0	35.54	Peak	84.00	200	Horizontal	Pass
1**	1531.900	28.83	-16.93	54.0	25.17	AV	84.00	200	Horizontal	Pass
2	4294.000	46.66	-4.73	74.0	27.34	Peak	30.00	100	Horizontal	Pass
2**	4294.000	37.26	-4.73	54.0	16.74	AV	30.00	100	Horizontal	Pass
3	5188.000	99.53	-2.45	--	--	Peak	30.00	150	Horizontal	N/A
3**	5188.000	91.96	-2.45	--	--	AV	30.00	150	Horizontal	N/A
4	7708.500	52.91	1.84	74.0	21.09	Peak	8.00	200	Horizontal	Pass
4**	7708.500	43.88	1.84	54.0	10.12	AV	8.00	200	Horizontal	Pass
5	11799.287	52.49	-0.15	74.0	21.51	Peak	291.00	100	Horizontal	Pass
5**	11799.287	43.37	-0.15	54.0	10.63	AV	291.00	100	Horizontal	Pass
6	16166.700	53.65	2.04	74.0	20.35	Peak	205.00	200	Horizontal	Pass
6**	16166.700	45.07	2.04	54.0	8.93	AV	205.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.700	39.46	-16.73	74.0	34.54	Peak	57.00	200	Vertical	Pass
1**	1544.700	29.45	-16.73	54.0	24.55	AV	57.00	200	Vertical	Pass
2	4335.000	46.98	-5.20	74.0	27.02	Peak	0.00	400	Vertical	Pass
2**	4335.000	37.58	-5.20	54.0	16.42	AV	0.00	400	Vertical	Pass
3	5191.750	94.76	-2.58	--	--	Peak	185.00	200	Vertical	N/A
3**	5191.750	87.32	-2.58	--	--	AV	185.00	200	Vertical	N/A
4	7360.250	52.85	0.67	74.0	21.15	Peak	185.00	100	Vertical	Pass
4**	7360.250	44.21	0.67	54.0	9.79	AV	185.00	100	Vertical	Pass
5	12558.099	52.91	1.01	74.0	21.09	Peak	274.00	100	Vertical	Pass
5**	12558.099	42.18	1.01	54.0	11.82	AV	274.00	100	Vertical	Pass
6	16173.263	53.79	1.99	74.0	20.21	Peak	46.00	200	Vertical	Pass
6**	16173.263	44.60	1.99	54.0	9.40	AV	46.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.600	39.02	-16.91	74.0	34.98	Peak	222.00	100	Horizontal	Pass
1**	1484.600	33.60	-16.91	54.0	20.40	AV	222.00	100	Horizontal	Pass
2	4132.500	46.82	-5.49	74.0	27.18	Peak	360.00	300	Horizontal	Pass
2**	4132.500	37.62	-5.49	54.0	16.38	AV	360.00	300	Horizontal	Pass
3	5233.500	100.18	-2.89	--	--	Peak	49.00	150	Horizontal	N/A
3**	5233.500	92.01	-2.89	--	--	AV	49.00	150	Horizontal	N/A
4	7711.500	53.02	1.98	74.0	20.98	Peak	154.00	400	Horizontal	Pass
4**	7711.500	44.46	1.98	54.0	9.54	AV	154.00	400	Horizontal	Pass
5	11797.387	53.04	-0.15	74.0	20.96	Peak	360.00	150	Horizontal	Pass
5**	11797.387	43.08	-0.15	54.0	10.92	AV	360.00	150	Horizontal	Pass
6	16159.088	53.43	2.09	74.0	20.57	Peak	17.00	100	Horizontal	Pass
6**	16159.088	46.44	2.09	54.0	7.56	AV	17.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	38.64	-16.98	74.0	35.36	Peak	45.00	200	Vertical	Pass
1**	1484.800	32.46	-16.98	54.0	21.54	AV	45.00	200	Vertical	Pass
2	4089.500	46.80	-5.66	74.0	27.20	Peak	0.00	100	Vertical	Pass
2**	4089.500	37.46	-5.66	54.0	16.54	AV	0.00	100	Vertical	Pass
3	5226.500	95.19	-3.22	--	--	Peak	224.00	200	Vertical	N/A
3**	5226.500	87.42	-3.22	--	--	AV	224.00	200	Vertical	N/A
4	7606.750	53.00	0.60	74.0	21.00	Peak	40.00	200	Vertical	Pass
4**	7606.750	43.19	0.60	54.0	10.81	AV	40.00	200	Vertical	Pass
5	11783.850	52.43	-0.16	74.0	21.57	Peak	24.00	150	Vertical	Pass
5**	11783.850	43.40	-0.16	54.0	10.60	AV	24.00	150	Vertical	Pass
6	16156.987	54.15	2.10	74.0	19.85	Peak	183.00	100	Vertical	Pass
6**	16156.987	44.69	2.10	54.0	9.31	AV	183.00	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	1485.000	38.54	-17.20	74.0	35.46	Peak	42.00	400	Horizontal	Pass
1**	1485.000	32.15	-17.20	54.0	21.85	AV	42.00	400	Horizontal	Pass
2	4253.750	47.94	-4.20	74.0	26.06	Peak	244.00	300	Horizontal	Pass
2**	4253.750	38.75	-4.20	54.0	15.25	AV	244.00	300	Horizontal	Pass
3	5203.500	97.07	-2.71	--	--	Peak	30.00	150	Horizontal	N/A
3**	5203.500	88.43	-2.71	--	--	AV	30.00	150	Horizontal	N/A
4	7368.500	53.10	0.86	74.0	20.90	Peak	315.00	100	Horizontal	Pass
4**	7368.500	43.69	0.86	54.0	10.31	AV	315.00	100	Horizontal	Pass
5	11792.162	52.66	-0.15	74.0	21.34	Peak	48.00	200	Horizontal	Pass
5**	11792.162	43.49	-0.15	54.0	10.51	AV	48.00	200	Horizontal	Pass
6	16176.675	53.35	1.97	74.0	20.65	Peak	286.00	300	Horizontal	Pass
6**	16176.675	43.92	1.97	54.0	10.08	AV	286.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.200	40.21	-17.41	74.0	33.79	Peak	358.00	200	Vertical	Pass
1**	1485.200	33.42	-17.41	54.0	20.58	AV	358.00	200	Vertical	Pass
2	4244.000	46.99	-4.80	74.0	27.01	Peak	0.00	400	Vertical	Pass
2**	4244.000	37.90	-4.80	54.0	16.10	AV	0.00	400	Vertical	Pass
3	5207.500	93.37	-2.19	--	--	Peak	207.00	200	Vertical	N/A
3**	5207.500	85.80	-2.19	--	--	AV	207.00	200	Vertical	N/A
4	7705.000	53.66	2.03	74.0	20.34	Peak	343.00	400	Vertical	Pass
4**	7705.000	45.82	2.03	54.0	8.18	AV	343.00	400	Vertical	Pass
5	11605.963	52.17	-0.70	74.0	21.83	Peak	176.00	200	Vertical	Pass
5**	11605.963	42.13	-0.70	54.0	11.87	AV	176.00	200	Vertical	Pass
6	16180.875	53.54	1.94	74.0	20.46	Peak	151.00	300	Vertical	Pass
6**	16180.875	45.42	1.94	54.0	8.58	AV	151.00	300	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	1485.000	39.37	-17.20	74.0	34.63	Peak	21.00	200	Horizontal	Pass
1**	1485.000	35.08	-17.20	54.0	18.92	AV	21.00	200	Horizontal	Pass
2	4255.500	47.11	-3.95	74.0	26.89	Peak	122.00	300	Horizontal	Pass
2**	4255.500	38.47	-3.95	54.0	15.53	AV	122.00	300	Horizontal	Pass
3	5258.000	101.93	-3.19	--	--	Peak	30.00	200	Horizontal	N/A
3**	5258.000	94.92	-3.19	--	--	AV	30.00	200	Horizontal	N/A
4	7617.500	53.46	0.47	74.0	20.54	Peak	200.00	200	Horizontal	Pass
4**	7617.500	43.42	0.47	54.0	10.58	AV	200.00	200	Horizontal	Pass
5	12340.312	52.39	0.79	74.0	21.61	Peak	257.00	200	Horizontal	Pass
5**	12340.312	43.32	0.79	54.0	10.68	AV	257.00	200	Horizontal	Pass
6	16147.537	53.57	2.13	74.0	20.43	Peak	332.00	400	Horizontal	Pass
6**	16147.537	43.79	2.13	54.0	10.21	AV	332.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	40.44	-17.20	74.0	33.56	Peak	317.00	300	Vertical	Pass
1**	1485.000	34.21	-17.20	54.0	19.79	AV	317.00	300	Vertical	Pass
2	4255.500	47.07	-3.95	74.0	26.93	Peak	40.00	100	Vertical	Pass
2**	4255.500	38.22	-3.95	54.0	15.78	AV	40.00	100	Vertical	Pass
3	5258.750	97.89	-3.08	--	--	Peak	218.00	200	Vertical	N/A
3**	5258.750	91.06	-3.08	--	--	AV	218.00	200	Vertical	N/A
4	7348.500	53.34	-0.07	74.0	20.66	Peak	195.00	100	Vertical	Pass
4**	7348.500	43.56	-0.07	54.0	10.44	AV	195.00	100	Vertical	Pass
5	11781.950	52.85	-0.16	74.0	21.15	Peak	150.00	100	Vertical	Pass
5**	11781.950	43.28	-0.16	54.0	10.72	AV	150.00	100	Vertical	Pass
6	16177.200	53.65	1.97	74.0	20.35	Peak	52.00	100	Vertical	Pass
6**	16177.200	43.79	1.97	54.0	10.21	AV	52.00	100	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	1601.000	38.93	-17.01	74.0	35.07	Peak	360.00	200	Horizontal	Pass
1**	1601.000	28.70	-17.01	54.0	25.30	AV	360.00	200	Horizontal	Pass
2	4257.000	46.93	-4.04	74.0	27.07	Peak	23.00	100	Horizontal	Pass
2**	4257.000	38.04	-4.04	54.0	15.96	AV	23.00	100	Horizontal	Pass
3	5299.000	102.87	-2.59	--	--	Peak	23.00	100	Horizontal	N/A
3**	5299.000	95.52	-2.59	--	--	AV	23.00	100	Horizontal	N/A
4	7294.000	53.17	-0.25	74.0	20.83	Peak	195.00	300	Horizontal	Pass
4**	7294.000	43.11	-0.25	54.0	10.89	AV	195.00	300	Horizontal	Pass
5	11788.363	52.01	-0.16	74.0	21.99	Peak	181.00	200	Horizontal	Pass
5**	11788.363	43.81	-0.16	54.0	10.19	AV	181.00	200	Horizontal	Pass
6	16150.688	53.45	2.15	74.0	20.55	Peak	312.00	300	Horizontal	Pass
6**	16150.688	44.63	2.15	54.0	9.37	AV	312.00	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	1484.700	38.49	-16.94	74.0	35.51	Peak	0.00	100	Vertical	Pass
1**	1484.700	33.10	-16.94	54.0	20.90	AV	0.00	100	Vertical	Pass
2	4352.500	46.80	-4.70	74.0	27.20	Peak	217.00	200	Vertical	Pass
2**	4352.500	37.83	-4.70	54.0	16.17	AV	217.00	200	Vertical	Pass
3	5297.500	97.43	-2.72	--	--	Peak	217.00	200	Vertical	N/A
3**	5297.500	89.50	-2.72	--	--	AV	217.00	200	Vertical	N/A
4	7711.500	54.63	1.98	74.0	19.37	Peak	110.00	100	Vertical	Pass
4**	7711.500	43.76	1.98	54.0	10.24	AV	110.00	100	Vertical	Pass
5	11782.187	52.66	-0.16	74.0	21.34	Peak	278.00	150	Vertical	Pass
5**	11782.187	44.03	-0.16	54.0	9.97	AV	278.00	150	Vertical	Pass
6	16148.850	53.72	2.14	74.0	20.28	Peak	237.00	200	Vertical	Pass
6**	16148.850	44.10	2.14	54.0	9.90	AV	237.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.100	38.34	-16.86	74.0	35.66	Peak	0.00	400	Horizontal	Pass
1**	1583.100	30.06	-16.86	54.0	23.94	AV	0.00	400	Horizontal	Pass
2	4283.250	47.16	-4.57	74.0	26.84	Peak	283.00	400	Horizontal	Pass
2**	4283.250	37.57	-4.57	54.0	16.43	AV	283.00	400	Horizontal	Pass
3	5321.750	103.06	-2.80	--	--	Peak	26.00	150	Horizontal	N/A
3**	5321.750	95.99	-2.80	--	--	AV	26.00	150	Horizontal	N/A
4	7711.750	53.34	2.04	74.0	20.66	Peak	207.00	100	Horizontal	Pass
4**	7711.750	43.43	2.04	54.0	10.57	AV	207.00	100	Horizontal	Pass
5	11794.775	52.64	-0.15	74.0	21.36	Peak	252.00	200	Horizontal	Pass
5**	11794.775	43.49	-0.15	54.0	10.51	AV	252.00	200	Horizontal	Pass
6	16173.263	53.56	1.99	74.0	20.44	Peak	201.00	200	Horizontal	Pass
6**	16173.263	44.44	1.99	54.0	9.56	AV	201.00	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	1485.100	39.86	-17.31	74.0	34.14	Peak	117.00	400	Vertical	Pass
1**	1485.100	32.75	-17.31	54.0	21.25	AV	117.00	400	Vertical	Pass
2	4387.000	47.03	-4.61	74.0	26.97	Peak	0.00	100	Vertical	Pass
2**	4387.000	38.40	-4.61	54.0	15.60	AV	0.00	100	Vertical	Pass
3	5317.000	97.92	-2.90	--	--	Peak	220.00	100	Vertical	N/A
3**	5317.000	89.65	-2.90	--	--	AV	220.00	100	Vertical	N/A
4	7491.750	53.34	1.21	74.0	20.66	Peak	128.00	300	Vertical	Pass
4**	7491.750	44.87	1.21	54.0	9.13	AV	128.00	300	Vertical	Pass
5	12336.513	52.45	0.77	74.0	21.55	Peak	191.00	200	Vertical	Pass
5**	12336.513	43.22	0.77	54.0	10.78	AV	191.00	200	Vertical	Pass
6	16172.474	53.45	2.00	74.0	20.55	Peak	176.00	300	Vertical	Pass
6**	16172.474	44.17	2.00	54.0	9.83	AV	176.00	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	1485.700	39.51	-16.95	74.0	34.49	Peak	360.00	200	Horizontal	Pass
1**	1485.700	29.48	-16.95	54.0	24.52	AV	360.00	200	Horizontal	Pass
2	4023.750	46.46	-6.08	74.0	27.54	Peak	324.00	300	Horizontal	Pass
2**	4023.750	36.18	-6.08	54.0	17.82	AV	324.00	300	Horizontal	Pass
3	5261.750	102.84	-3.05	--	--	Peak	21.00	100	Horizontal	N/A
3**	5261.750	94.36	-3.05	--	--	AV	21.00	100	Horizontal	N/A
4	7740.500	53.31	0.65	74.0	20.69	Peak	89.00	200	Horizontal	Pass
4**	7740.500	44.86	0.65	54.0	9.14	AV	89.00	200	Horizontal	Pass
5	11801.425	52.33	-0.16	74.0	21.67	Peak	278.00	150	Horizontal	Pass
5**	11801.425	43.81	-0.16	54.0	10.19	AV	278.00	150	Horizontal	Pass
6	16176.151	53.13	1.97	74.0	20.87	Peak	106.00	400	Horizontal	Pass
6**	16176.151	46.13	1.97	54.0	7.87	AV	106.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1460.600	37.87	-17.25	74.0	36.13	Peak	199.00	100	Vertical	Pass
1**	1460.600	28.76	-17.25	54.0	25.24	AV	199.00	100	Vertical	Pass
2	4392.750	46.47	-5.29	74.0	27.53	Peak	6.00	300	Vertical	Pass
2**	4392.750	38.17	-5.29	54.0	15.83	AV	6.00	300	Vertical	Pass
3	5259.000	97.49	-2.95	--	--	Peak	198.00	150	Vertical	N/A
3**	5259.000	90.58	-2.95	--	--	AV	198.00	150	Vertical	N/A
4	7483.750	52.90	0.98	74.0	21.10	Peak	0.00	100	Vertical	Pass
4**	7483.750	43.63	0.98	54.0	10.37	AV	0.00	100	Vertical	Pass
5	11791.213	52.20	-0.15	74.0	21.80	Peak	290.00	200	Vertical	Pass
5**	11791.213	43.25	-0.15	54.0	10.75	AV	290.00	200	Vertical	Pass
6	16169.850	54.12	2.02	74.0	19.88	Peak	349.00	400	Vertical	Pass
6**	16169.850	45.33	2.02	54.0	8.67	AV	349.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	38.37	-17.20	74.0	35.63	Peak	91.00	300	Horizontal	Pass
1**	1485.000	32.67	-17.20	54.0	21.33	AV	91.00	300	Horizontal	Pass
2	4294.500	47.53	-4.72	74.0	26.47	Peak	139.00	300	Horizontal	Pass
2**	4294.500	38.28	-4.72	54.0	15.72	AV	139.00	300	Horizontal	Pass
3	5298.500	102.94	-2.84	--	--	Peak	20.00	200	Horizontal	N/A
3**	5298.500	95.15	-2.84	--	--	AV	20.00	200	Horizontal	N/A
4	7364.250	52.71	0.77	74.0	21.29	Peak	91.00	100	Horizontal	Pass
4**	7364.250	43.78	0.77	54.0	10.22	AV	91.00	100	Horizontal	Pass
5	11779.575	52.62	-0.17	74.0	21.38	Peak	305.00	150	Horizontal	Pass
5**	11779.575	43.29	-0.17	54.0	10.71	AV	305.00	150	Horizontal	Pass
6	16167.487	53.36	2.03	74.0	20.64	Peak	356.00	300	Horizontal	Pass
6**	16167.487	44.46	2.03	54.0	9.54	AV	356.00	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	1484.900	39.56	-17.09	74.0	34.44	Peak	0.00	200	Vertical	Pass
1**	1484.900	33.88	-17.09	54.0	20.12	AV	0.00	200	Vertical	Pass
2	4325.500	46.69	-4.85	74.0	27.31	Peak	249.00	400	Vertical	Pass
2**	4325.500	37.92	-4.85	54.0	16.08	AV	249.00	400	Vertical	Pass
3	5301.500	98.33	-2.76	--	--	Peak	227.00	100	Vertical	N/A
3**	5301.500	90.40	-2.76	--	--	AV	227.00	100	Vertical	N/A
4	7489.000	52.65	1.20	74.0	21.35	Peak	319.00	300	Vertical	Pass
4**	7489.000	43.81	1.20	54.0	10.19	AV	319.00	300	Vertical	Pass
5	11777.438	52.19	-0.17	74.0	21.81	Peak	91.00	200	Vertical	Pass
5**	11777.438	43.18	-0.17	54.0	10.82	AV	91.00	200	Vertical	Pass
6	16169.588	53.45	2.02	74.0	20.55	Peak	16.00	200	Vertical	Pass
6**	16169.588	45.06	2.02	54.0	8.94	AV	16.00	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	1562.300	38.45	-17.27	74.0	35.55	Peak	0.00	100	Horizontal	Pass
1**	1562.300	29.23	-17.27	54.0	24.77	AV	0.00	100	Horizontal	Pass
2	4261.000	47.86	-4.51	74.0	26.14	Peak	140.00	100	Horizontal	Pass
2**	4261.000	37.71	-4.51	54.0	16.29	AV	140.00	100	Horizontal	Pass
3	5318.750	103.33	-3.31	--	--	Peak	16.00	100	Horizontal	N/A
3**	5318.750	95.89	-3.31	--	--	AV	16.00	100	Horizontal	N/A
4	7709.250	53.32	1.90	74.0	20.68	Peak	241.00	300	Horizontal	Pass
4**	7709.250	43.32	1.90	54.0	10.68	AV	241.00	300	Horizontal	Pass
5	11800.001	52.63	-0.15	74.0	21.37	Peak	113.00	200	Horizontal	Pass
5**	11800.001	42.71	-0.15	54.0	11.29	AV	113.00	200	Horizontal	Pass
6	16159.350	53.51	2.09	74.0	20.49	Peak	222.00	400	Horizontal	Pass
6**	16159.350	44.54	2.09	54.0	9.46	AV	222.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	38.99	-17.20	74.0	35.01	Peak	231.00	200	Vertical	Pass
1**	1485.000	31.66	-17.20	54.0	22.34	AV	231.00	200	Vertical	Pass
2	4247.000	46.95	-4.43	74.0	27.05	Peak	35.00	300	Vertical	Pass
2**	4247.000	37.94	-4.43	54.0	16.06	AV	35.00	300	Vertical	Pass
3	5318.250	97.68	-3.08	--	--	Peak	217.00	200	Vertical	N/A
3**	5318.250	90.93	-3.08	--	--	AV	217.00	200	Vertical	N/A
4	7617.250	52.94	0.55	74.0	21.06	Peak	217.00	400	Vertical	Pass
4**	7617.250	42.91	0.55	54.0	11.09	AV	217.00	400	Vertical	Pass
5	11782.901	52.02	-0.16	74.0	21.98	Peak	132.00	150	Vertical	Pass
5**	11782.901	43.20	-0.16	54.0	10.80	AV	132.00	150	Vertical	Pass
6	16171.950	54.52	2.00	74.0	19.48	Peak	213.00	300	Vertical	Pass
6**	16171.950	44.65	2.00	54.0	9.35	AV	213.00	300	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	1485.300	39.65	-17.31	74.0	34.35	Peak	114.00	400	Horizontal	Pass
1**	1485.300	32.49	-17.31	54.0	21.51	AV	114.00	400	Horizontal	Pass
2	4255.500	46.79	-3.95	74.0	27.21	Peak	1.00	200	Horizontal	Pass
2**	4255.500	38.98	-3.95	54.0	15.02	AV	1.00	200	Horizontal	Pass
3	5271.250	99.62	-2.73	--	--	Peak	23.00	100	Horizontal	N/A
3**	5271.250	91.87	-2.73	--	--	AV	23.00	100	Horizontal	N/A
4	7485.250	53.17	1.24	74.0	20.83	Peak	23.00	400	Horizontal	Pass
4**	7485.250	44.44	1.24	54.0	9.56	AV	23.00	400	Horizontal	Pass
5	12279.037	52.64	0.79	74.0	21.36	Peak	300.00	200	Horizontal	Pass
5**	12279.037	42.93	0.79	54.0	11.07	AV	300.00	200	Horizontal	Pass
6	16172.474	53.55	2.00	74.0	20.45	Peak	110.00	400	Horizontal	Pass
6**	16172.474	44.62	2.00	54.0	9.38	AV	110.00	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	1485.500	39.44	-17.10	74.0	34.56	Peak	0.00	400	Vertical	Pass
1**	1485.500	31.39	-17.10	54.0	22.61	AV	0.00	400	Vertical	Pass
2	4207.750	47.19	-4.90	74.0	26.81	Peak	144.00	200	Vertical	Pass
2**	4207.750	38.32	-4.90	54.0	15.68	AV	144.00	200	Vertical	Pass
3	5272.250	94.58	-2.70	--	--	Peak	218.00	100	Vertical	N/A
3**	5272.250	87.46	-2.70	--	--	AV	218.00	100	Vertical	N/A
4	7351.750	53.13	0.10	74.0	20.87	Peak	0.00	300	Vertical	Pass
4**	7351.750	43.16	0.10	54.0	10.84	AV	0.00	300	Vertical	Pass
5	12040.112	51.92	-0.08	74.0	22.08	Peak	300.00	100	Vertical	Pass
5**	12040.112	42.04	-0.08	54.0	11.96	AV	300.00	100	Vertical	Pass
6	16166.438	53.68	2.04	74.0	20.32	Peak	227.00	400	Vertical	Pass
6**	16166.438	44.84	2.04	54.0	9.16	AV	227.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	39.46	-16.94	74.0	34.54	Peak	0.00	100	Horizontal	Pass
1**	1484.700	32.42	-16.94	54.0	21.58	AV	0.00	100	Horizontal	Pass
2	4348.000	46.73	-4.72	74.0	27.27	Peak	13.00	100	Horizontal	Pass
2**	4348.000	37.62	-4.72	54.0	16.38	AV	13.00	100	Horizontal	Pass
3	5317.250	99.82	-2.75	--	--	Peak	33.00	150	Horizontal	N/A
3**	5317.250	92.01	-2.75	--	--	AV	33.00	150	Horizontal	N/A
4	7583.750	53.20	1.16	74.0	20.80	Peak	179.00	100	Horizontal	Pass
4**	7583.750	43.34	1.16	54.0	10.66	AV	179.00	100	Horizontal	Pass
5	11784.800	52.32	-0.16	74.0	21.68	Peak	313.00	100	Horizontal	Pass
5**	11784.800	43.88	-0.16	54.0	10.12	AV	313.00	100	Horizontal	Pass
6	16160.137	53.82	2.08	74.0	20.18	Peak	94.00	400	Horizontal	Pass
6**	16160.137	44.53	2.08	54.0	9.47	AV	94.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.400	39.29	-16.87	74.0	34.71	Peak	0.00	100	Vertical	Pass
1**	1484.400	31.68	-16.87	54.0	22.32	AV	0.00	100	Vertical	Pass
2	4396.000	46.84	-5.19	74.0	27.16	Peak	26.00	100	Vertical	Pass
2**	4396.000	37.27	-5.19	54.0	16.73	AV	26.00	100	Vertical	Pass
3	5314.500	95.34	-3.21	--	--	Peak	218.00	100	Vertical	N/A
3**	5314.500	87.98	-3.21	--	--	AV	218.00	100	Vertical	N/A
4	7748.750	52.76	0.33	74.0	21.24	Peak	111.00	400	Vertical	Pass
4**	7748.750	44.09	0.33	54.0	9.91	AV	111.00	400	Vertical	Pass
5	11781.238	52.35	-0.16	74.0	21.65	Peak	156.00	200	Vertical	Pass
5**	11781.238	43.56	-0.16	54.0	10.44	AV	156.00	200	Vertical	Pass
6	16140.713	53.19	2.08	74.0	20.81	Peak	86.00	100	Vertical	Pass
6**	16140.713	43.42	2.08	54.0	10.58	AV	86.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	38.60	-17.09	74.0	35.40	Peak	126.00	200	Horizontal	Pass
1**	1484.900	33.26	-17.09	54.0	20.74	AV	126.00	200	Horizontal	Pass
2	4327.500	46.94	-4.91	74.0	27.06	Peak	239.00	100	Horizontal	Pass
2**	4327.500	37.59	-4.91	54.0	16.41	AV	239.00	100	Horizontal	Pass
3	5259.250	101.93	-2.85	--	--	Peak	4.00	100	Horizontal	N/A
3**	5259.250	95.36	-2.85	--	--	AV	4.00	100	Horizontal	N/A
4	7642.250	53.31	0.71	74.0	20.69	Peak	281.00	300	Horizontal	Pass
4**	7642.250	44.41	0.71	54.0	9.59	AV	281.00	300	Horizontal	Pass
5	12574.012	51.99	0.73	74.0	22.01	Peak	171.00	200	Horizontal	Pass
5**	12574.012	42.45	0.73	54.0	11.55	AV	171.00	200	Horizontal	Pass
6	16050.675	53.57	1.10	74.0	20.43	Peak	27.00	200	Horizontal	Pass
6**	16050.675	42.74	1.10	54.0	11.26	AV	27.00	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	1485.100	39.78	-17.31	74.0	34.22	Peak	38.00	100	Vertical	Pass
1**	1485.100	34.21	-17.31	54.0	19.79	AV	38.00	100	Vertical	Pass
2	4398.250	47.73	-5.08	74.0	26.27	Peak	133.00	200	Vertical	Pass
2**	4398.250	37.75	-5.08	54.0	16.25	AV	133.00	200	Vertical	Pass
3	5257.500	97.81	-3.09	--	--	Peak	203.00	150	Vertical	N/A
3**	5257.500	89.93	-3.09	--	--	AV	203.00	150	Vertical	N/A
4	7359.000	53.13	0.93	74.0	20.87	Peak	249.00	300	Vertical	Pass
4**	7359.000	45.03	0.93	54.0	8.97	AV	249.00	300	Vertical	Pass
5	12532.450	52.46	1.25	74.0	21.54	Peak	166.00	100	Vertical	Pass
5**	12532.450	42.48	1.25	54.0	11.52	AV	166.00	100	Vertical	Pass
6	16151.213	53.39	2.14	74.0	20.61	Peak	276.00	400	Vertical	Pass
6**	16151.213	44.77	2.14	54.0	9.23	AV	276.00	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	1486.900	38.79	-16.96	74.0	35.21	Peak	101.00	400	Horizontal	Pass
1**	1486.900	28.81	-16.96	54.0	25.19	AV	101.00	400	Horizontal	Pass
2	4383.750	47.02	-5.18	74.0	26.98	Peak	203.00	200	Horizontal	Pass
2**	4383.750	37.39	-5.18	54.0	16.61	AV	203.00	200	Horizontal	Pass
3	5299.000	102.97	-2.59	--	--	Peak	42.00	200	Horizontal	N/A
3**	5299.000	95.93	-2.59	--	--	AV	42.00	200	Horizontal	N/A
4	7729.250	52.96	0.49	74.0	21.04	Peak	0.00	100	Horizontal	Pass
4**	7729.250	43.50	0.49	54.0	10.50	AV	0.00	100	Horizontal	Pass
5	11789.787	52.59	-0.16	74.0	21.41	Peak	137.00	200	Horizontal	Pass
5**	11789.787	43.39	-0.16	54.0	10.61	AV	137.00	200	Horizontal	Pass
6	16156.987	53.60	2.10	74.0	20.40	Peak	67.00	100	Horizontal	Pass
6**	16156.987	44.35	2.10	54.0	9.65	AV	67.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	39.31	-16.94	74.0	34.69	Peak	42.00	300	Vertical	Pass
1**	1484.700	32.69	-16.94	54.0	21.31	AV	42.00	300	Vertical	Pass
2	4249.500	47.76	-4.35	74.0	26.24	Peak	23.00	100	Vertical	Pass
2**	4249.500	37.60	-4.35	54.0	16.40	AV	23.00	100	Vertical	Pass
3	5301.750	97.17	-2.75	--	--	Peak	229.00	200	Vertical	N/A
3**	5301.750	89.79	-2.75	--	--	AV	229.00	200	Vertical	N/A
4	7370.000	53.40	1.11	74.0	20.60	Peak	342.00	300	Vertical	Pass
4**	7370.000	44.09	1.11	54.0	9.91	AV	342.00	300	Vertical	Pass
5	11801.662	52.25	-0.16	74.0	21.75	Peak	128.00	150	Vertical	Pass
5**	11801.662	43.45	-0.16	54.0	10.55	AV	128.00	150	Vertical	Pass
6	16143.337	53.29	2.10	74.0	20.71	Peak	26.00	400	Vertical	Pass
6**	16143.337	45.58	2.10	54.0	8.42	AV	26.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	39.40	-17.09	74.0	34.60	Peak	176.00	200	Horizontal	Pass
1**	1484.900	31.45	-17.09	54.0	22.55	AV	176.00	200	Horizontal	Pass
2	4313.500	46.94	-5.32	74.0	27.06	Peak	0.00	100	Horizontal	Pass
2**	4313.500	37.50	-5.32	54.0	16.50	AV	0.00	100	Horizontal	Pass
3	5317.500	103.01	-2.96	--	--	Peak	25.00	150	Horizontal	N/A
3**	5317.500	95.45	-2.96	--	--	AV	25.00	150	Horizontal	N/A
4	7560.500	52.96	0.30	74.0	21.04	Peak	25.00	200	Horizontal	Pass
4**	7560.500	43.41	0.30	54.0	10.59	AV	25.00	200	Horizontal	Pass
5	12048.663	51.95	-0.19	74.0	22.05	Peak	360.00	150	Horizontal	Pass
5**	12048.663	42.42	-0.19	54.0	11.58	AV	360.00	150	Horizontal	Pass
6	16098.975	53.96	1.74	74.0	20.04	Peak	28.00	200	Horizontal	Pass
6**	16098.975	44.10	1.74	54.0	9.90	AV	28.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.100	38.69	-17.18	74.0	35.31	Peak	0.00	300	Vertical	Pass
1**	1545.100	28.17	-17.18	54.0	25.83	AV	0.00	300	Vertical	Pass
2	4129.750	47.75	-5.54	74.0	26.25	Peak	258.00	300	Vertical	Pass
2**	4129.750	37.68	-5.54	54.0	16.32	AV	258.00	300	Vertical	Pass
3	5317.500	98.06	-2.96	--	--	Peak	217.00	200	Vertical	N/A
3**	5317.500	90.65	-2.96	--	--	AV	217.00	200	Vertical	N/A
4	7368.250	53.16	0.79	74.0	20.84	Peak	0.00	200	Vertical	Pass
4**	7368.250	43.78	0.79	54.0	10.22	AV	0.00	200	Vertical	Pass
5	12298.037	52.70	0.58	74.0	21.30	Peak	147.00	200	Vertical	Pass
5**	12298.037	42.43	0.58	54.0	11.57	AV	147.00	200	Vertical	Pass
6	16173.787	53.29	1.99	74.0	20.71	Peak	106.00	200	Vertical	Pass
6**	16173.787	44.21	1.99	54.0	9.79	AV	106.00	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	1484.700	39.64	-16.94	74.0	34.36	Peak	117.00	300	Horizontal	Pass
1**	1484.700	32.78	-16.94	54.0	21.22	AV	117.00	300	Horizontal	Pass
2	4271.000	46.63	-4.98	74.0	27.37	Peak	218.00	400	Horizontal	Pass
2**	4271.000	37.58	-4.98	54.0	16.42	AV	218.00	400	Horizontal	Pass
3	5273.250	99.89	-2.56	--	--	Peak	31.00	100	Horizontal	N/A
3**	5273.250	92.21	-2.56	--	--	AV	31.00	100	Horizontal	N/A
4	7492.000	53.18	1.24	74.0	20.82	Peak	218.00	400	Horizontal	Pass
4**	7492.000	44.07	1.24	54.0	9.93	AV	218.00	400	Horizontal	Pass
5	12529.599	52.26	1.27	74.0	21.74	Peak	310.00	150	Horizontal	Pass
5**	12529.599	42.87	1.27	54.0	11.13	AV	310.00	150	Horizontal	Pass
6	16162.763	53.28	2.07	74.0	20.72	Peak	30.00	400	Horizontal	Pass
6**	16162.763	44.40	2.07	54.0	9.60	AV	30.00	400	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	1484.900	38.97	-17.09	74.0	35.03	Peak	98.00	100	Vertical	Pass
1**	1484.900	32.80	-17.09	54.0	21.20	AV	98.00	100	Vertical	Pass
2	4287.250	47.75	-4.70	74.0	26.25	Peak	98.00	300	Vertical	Pass
2**	4287.250	37.30	-4.70	54.0	16.70	AV	98.00	300	Vertical	Pass
3	5272.250	94.72	-2.70	--	--	Peak	220.00	200	Vertical	N/A
3**	5272.250	87.83	-2.70	--	--	AV	220.00	200	Vertical	N/A
4	7362.000	53.17	0.82	74.0	20.83	Peak	159.00	300	Vertical	Pass
4**	7362.000	43.88	0.82	54.0	10.12	AV	159.00	300	Vertical	Pass
5	11813.537	51.84	-0.30	74.0	22.16	Peak	353.00	100	Vertical	Pass
5**	11813.537	42.86	-0.30	54.0	11.14	AV	353.00	100	Vertical	Pass
6	16187.963	53.13	1.89	74.0	20.87	Peak	360.00	300	Vertical	Pass
6**	16187.963	44.70	1.89	54.0	9.30	AV	360.00	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	1484.500	38.95	-16.89	74.0	35.05	Peak	302.00	300	Horizontal	Pass
1**	1484.500	31.39	-16.89	54.0	22.61	AV	302.00	300	Horizontal	Pass
2	4367.750	46.96	-4.61	74.0	27.04	Peak	93.00	400	Horizontal	Pass
2**	4367.750	37.87	-4.61	54.0	16.13	AV	93.00	400	Horizontal	Pass
3	5315.750	100.09	-3.05	--	--	Peak	30.00	150	Horizontal	N/A
3**	5315.750	92.33	-3.05	--	--	AV	30.00	150	Horizontal	N/A
4	7302.000	52.93	-0.23	74.0	21.07	Peak	52.00	300	Horizontal	Pass
4**	7302.000	43.49	-0.23	54.0	10.51	AV	52.00	300	Horizontal	Pass
5	11787.412	52.18	-0.16	74.0	21.82	Peak	353.00	100	Horizontal	Pass
5**	11787.412	43.38	-0.16	54.0	10.62	AV	353.00	100	Horizontal	Pass
6	16174.050	53.22	1.99	74.0	20.78	Peak	334.00	200	Horizontal	Pass
6**	16174.050	44.75	1.99	54.0	9.25	AV	334.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	38.96	-16.98	74.0	35.04	Peak	0.00	200	Vertical	Pass
1**	1484.800	32.51	-16.98	54.0	21.49	AV	0.00	200	Vertical	Pass
2	4353.500	46.53	-4.72	74.0	27.47	Peak	137.00	100	Vertical	Pass
2**	4353.500	38.54	-4.72	54.0	15.46	AV	137.00	100	Vertical	Pass
3	5311.500	95.44	-3.26	--	--	Peak	220.00	100	Vertical	N/A
3**	5311.500	88.21	-3.26	--	--	AV	220.00	100	Vertical	N/A
4	7488.250	53.43	1.51	74.0	20.57	Peak	137.00	400	Vertical	Pass
4**	7488.250	45.04	1.51	54.0	8.96	AV	137.00	400	Vertical	Pass
5	11798.575	52.49	-0.15	74.0	21.51	Peak	104.00	200	Vertical	Pass
5**	11798.575	43.58	-0.15	54.0	10.42	AV	104.00	200	Vertical	Pass
6	16181.925	53.29	1.94	74.0	20.71	Peak	24.00	300	Vertical	Pass
6**	16181.925	44.28	1.94	54.0	9.72	AV	24.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.200	39.00	-17.41	74.0	35.00	Peak	147.00	300	Horizontal	Pass
1**	1485.200	32.20	-17.41	54.0	21.80	AV	147.00	300	Horizontal	Pass
2	4267.000	47.07	-4.70	74.0	26.93	Peak	281.00	400	Horizontal	Pass
2**	4267.000	38.00	-4.70	54.0	16.00	AV	281.00	400	Horizontal	Pass
3	5295.750	97.27	-2.90	--	--	Peak	37.00	200	Horizontal	N/A
3**	5295.750	89.75	-2.90	--	--	AV	37.00	200	Horizontal	N/A
4	7358.500	53.09	0.90	74.0	20.91	Peak	0.00	200	Horizontal	Pass
4**	7358.500	43.72	0.90	54.0	10.28	AV	0.00	200	Horizontal	Pass
5	12335.325	52.79	0.76	74.0	21.21	Peak	356.00	100	Horizontal	Pass
5**	12335.325	43.41	0.76	54.0	10.59	AV	356.00	100	Horizontal	Pass
6	16175.100	53.59	1.98	74.0	20.41	Peak	91.00	200	Horizontal	Pass
6**	16175.100	44.63	1.98	54.0	9.37	AV	91.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1575.600	38.22	-16.85	74.0	35.78	Peak	217.00	400	Vertical	Pass
1**	1575.600	30.45	-16.85	54.0	23.55	AV	217.00	400	Vertical	Pass
2	4196.250	46.90	-5.58	74.0	27.10	Peak	264.00	200	Vertical	Pass
2**	4196.250	37.16	-5.58	54.0	16.84	AV	264.00	200	Vertical	Pass
3	5292.500	92.25	-2.74	--	--	Peak	225.00	100	Vertical	N/A
3**	5292.500	84.81	-2.74	--	--	AV	225.00	100	Vertical	N/A
4	7485.000	53.03	1.23	74.0	20.97	Peak	0.00	100	Vertical	Pass
4**	7485.000	43.66	1.23	54.0	10.34	AV	0.00	100	Vertical	Pass
5	12310.625	52.32	0.62	74.0	21.68	Peak	307.00	200	Vertical	Pass
5**	12310.625	42.17	0.62	54.0	11.83	AV	307.00	200	Vertical	Pass
6	16176.412	54.04	1.97	74.0	19.96	Peak	21.00	400	Vertical	Pass
6**	16176.412	44.80	1.97	54.0	9.20	AV	21.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.400	39.02	-16.87	74.0	34.98	Peak	69.00	400	Horizontal	Pass
1**	1484.400	31.90	-16.87	54.0	22.10	AV	69.00	400	Horizontal	Pass
2	4266.000	47.46	-4.88	74.0	26.54	Peak	123.00	400	Horizontal	Pass
2**	4266.000	37.93	-4.88	54.0	16.07	AV	123.00	400	Horizontal	Pass
3	5498.250	102.38	-2.67	--	--	Peak	40.00	200	Horizontal	N/A
3**	5498.250	94.58	-2.67	--	--	AV	40.00	200	Horizontal	N/A
4	7567.250	53.33	0.53	74.0	20.67	Peak	18.00	200	Horizontal	Pass
4**	7567.250	43.32	0.53	54.0	10.68	AV	18.00	200	Horizontal	Pass
5	11782.187	52.39	-0.16	74.0	21.61	Peak	161.00	200	Horizontal	Pass
5**	11782.187	43.36	-0.16	54.0	10.64	AV	161.00	200	Horizontal	Pass
6	16166.700	53.04	2.04	74.0	20.96	Peak	33.00	300	Horizontal	Pass
6**	16166.700	44.48	2.04	54.0	9.52	AV	33.00	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	1484.500	40.58	-16.89	74.0	33.42	Peak	76.00	200	Vertical	Pass
1**	1484.500	31.69	-16.89	54.0	22.31	AV	76.00	200	Vertical	Pass
2	4258.500	47.78	-4.26	74.0	26.22	Peak	283.00	300	Vertical	Pass
2**	4258.500	38.42	-4.26	54.0	15.58	AV	283.00	300	Vertical	Pass
3	5498.000	97.21	-2.51	--	--	Peak	47.00	100	Vertical	N/A
3**	5498.000	88.83	-2.51	--	--	AV	47.00	100	Vertical	N/A
4	7742.250	52.96	0.46	74.0	21.04	Peak	344.00	200	Vertical	Pass
4**	7742.250	44.36	0.46	54.0	9.64	AV	344.00	200	Vertical	Pass
5	12537.912	52.84	1.22	74.0	21.16	Peak	360.00	200	Vertical	Pass
5**	12537.912	44.47	1.22	54.0	9.53	AV	360.00	200	Vertical	Pass
6	16151.737	53.57	2.14	74.0	20.43	Peak	91.00	400	Vertical	Pass
6**	16151.737	44.17	2.14	54.0	9.83	AV	91.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.100	39.20	-17.31	74.0	34.80	Peak	244.00	100	Horizontal	Pass
1**	1485.100	34.01	-17.31	54.0	19.99	AV	244.00	100	Horizontal	Pass
2	4365.500	46.53	-4.71	74.0	27.47	Peak	280.00	200	Horizontal	Pass
2**	4365.500	38.36	-4.71	54.0	15.64	AV	280.00	200	Horizontal	Pass
3	5581.250	103.04	-1.94	--	--	Peak	6.00	200	Horizontal	N/A
3**	5581.250	96.14	-1.94	--	--	AV	6.00	200	Horizontal	N/A
4	7481.000	53.01	0.94	74.0	20.99	Peak	300.00	400	Horizontal	Pass
4**	7481.000	43.57	0.94	54.0	10.43	AV	300.00	400	Horizontal	Pass
5	11785.513	52.48	-0.16	74.0	21.52	Peak	266.00	200	Horizontal	Pass
5**	11785.513	43.37	-0.16	54.0	10.63	AV	266.00	200	Horizontal	Pass
6	16175.887	53.53	1.98	74.0	20.47	Peak	150.00	100	Horizontal	Pass
6**	16175.887	45.07	1.98	54.0	8.93	AV	150.00	100	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	1485.200	39.93	-17.41	74.0	34.07	Peak	280.00	100	Vertical	Pass
1**	1485.200	33.78	-17.41	54.0	20.22	AV	280.00	100	Vertical	Pass
2	4260.000	47.52	-4.35	74.0	26.48	Peak	0.00	300	Vertical	Pass
2**	4260.000	37.88	-4.35	54.0	16.12	AV	0.00	300	Vertical	Pass
3	5578.500	97.91	-2.10	--	--	Peak	57.00	200	Vertical	N/A
3**	5578.500	89.94	-2.10	--	--	AV	57.00	200	Vertical	N/A
4	7307.250	53.41	0.34	74.0	20.59	Peak	16.00	400	Vertical	Pass
4**	7307.250	44.22	0.34	54.0	9.78	AV	16.00	400	Vertical	Pass
5	12297.326	52.17	0.58	74.0	21.83	Peak	81.00	150	Vertical	Pass
5**	12297.326	42.94	0.58	54.0	11.06	AV	81.00	150	Vertical	Pass
6	16180.088	53.61	1.95	74.0	20.39	Peak	142.00	200	Vertical	Pass
6**	16180.088	44.22	1.95	54.0	9.78	AV	142.00	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	1484.500	39.61	-16.89	74.0	34.39	Peak	0.00	300	Horizontal	Pass
1**	1484.500	32.09	-16.89	54.0	21.91	AV	0.00	300	Horizontal	Pass
2	4395.500	47.11	-4.97	74.0	26.89	Peak	6.00	300	Horizontal	Pass
2**	4395.500	38.07	-4.97	54.0	15.93	AV	6.00	300	Horizontal	Pass
3	5697.250	100.60	-2.31	--	--	Peak	26.00	150	Horizontal	N/A
3**	5697.250	92.88	-2.31	--	--	AV	26.00	150	Horizontal	N/A
4	7486.750	53.34	1.46	74.0	20.66	Peak	237.00	200	Horizontal	Pass
4**	7486.750	45.10	1.46	54.0	8.90	AV	237.00	200	Horizontal	Pass
5	12527.700	51.99	1.28	74.0	22.01	Peak	288.00	150	Horizontal	Pass
5**	12527.700	43.15	1.28	54.0	10.85	AV	288.00	150	Horizontal	Pass
6	16165.387	53.71	2.05	74.0	20.29	Peak	213.00	100	Horizontal	Pass
6**	16165.387	45.12	2.05	54.0	8.88	AV	213.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.900	38.26	-16.71	74.0	35.74	Peak	304.00	200	Vertical	Pass
1**	1440.900	29.14	-16.71	54.0	24.86	AV	304.00	200	Vertical	Pass
2	4342.000	47.37	-4.68	74.0	26.63	Peak	142.00	100	Vertical	Pass
2**	4342.000	37.92	-4.68	54.0	16.08	AV	142.00	100	Vertical	Pass
3	5698.250	95.18	-2.31	--	--	Peak	38.00	150	Vertical	N/A
3**	5698.250	87.63	-2.31	--	--	AV	38.00	150	Vertical	N/A
4	7709.000	52.71	1.89	74.0	21.29	Peak	0.00	400	Vertical	Pass
4**	7709.000	43.73	1.89	54.0	10.27	AV	0.00	400	Vertical	Pass
5	11776.012	52.22	-0.17	74.0	21.78	Peak	332.00	100	Vertical	Pass
5**	11776.012	43.18	-0.17	54.0	10.82	AV	332.00	100	Vertical	Pass
6	16165.913	53.35	2.04	74.0	20.65	Peak	285.00	400	Vertical	Pass
6**	16165.913	44.67	2.04	54.0	9.33	AV	285.00	400	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	1484.600	40.15	-16.91	74.0	33.85	Peak	180.00	400	Horizontal	Pass
1**	1484.600	32.60	-16.91	54.0	21.40	AV	180.00	400	Horizontal	Pass
2	4255.500	47.22	-3.95	74.0	26.78	Peak	280.00	100	Horizontal	Pass
2**	4255.500	38.56	-3.95	54.0	15.44	AV	280.00	100	Horizontal	Pass
3	5498.750	102.90	-2.54	--	--	Peak	0.00	150	Horizontal	N/A
3**	5498.750	95.30	-2.54	--	--	AV	0.00	150	Horizontal	N/A
4	7736.750	52.62	0.17	74.0	21.38	Peak	72.00	400	Horizontal	Pass
4**	7736.750	43.62	0.17	54.0	10.38	AV	72.00	400	Horizontal	Pass
5	11791.450	52.46	-0.15	74.0	21.54	Peak	360.00	200	Horizontal	Pass
5**	11791.450	43.35	-0.15	54.0	10.65	AV	360.00	200	Horizontal	Pass
6	16165.913	53.22	2.04	74.0	20.78	Peak	188.00	100	Horizontal	Pass
6**	16165.913	44.92	2.04	54.0	9.08	AV	188.00	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	1500.200	38.08	-16.86	74.0	35.92	Peak	132.00	200	Vertical	Pass
1**	1500.200	28.66	-16.86	54.0	25.34	AV	132.00	200	Vertical	Pass
2	4395.000	47.20	-4.84	74.0	26.80	Peak	257.00	300	Vertical	Pass
2**	4395.000	37.87	-4.84	54.0	16.13	AV	257.00	300	Vertical	Pass
3	5502.250	97.27	-2.81	--	--	Peak	45.00	100	Vertical	N/A
3**	5502.250	89.47	-2.81	--	--	AV	45.00	100	Vertical	N/A
4	7591.000	53.94	1.02	74.0	20.06	Peak	152.00	100	Vertical	Pass
4**	7591.000	43.16	1.02	54.0	10.84	AV	152.00	100	Vertical	Pass
5	11787.888	52.44	-0.16	74.0	21.56	Peak	33.00	200	Vertical	Pass
5**	11787.888	43.10	-0.16	54.0	10.90	AV	33.00	200	Vertical	Pass
6	16123.912	53.16	1.94	74.0	20.84	Peak	87.00	200	Vertical	Pass
6**	16123.912	43.75	1.94	54.0	10.25	AV	87.00	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	1484.700	39.64	-16.94	74.0	34.36	Peak	261.00	300	Horizontal	Pass
1**	1484.700	34.28	-16.94	54.0	19.72	AV	261.00	300	Horizontal	Pass
2	4262.500	47.37	-4.38	74.0	26.63	Peak	303.00	400	Horizontal	Pass
2**	4262.500	37.91	-4.38	54.0	16.09	AV	303.00	400	Horizontal	Pass
3	5578.750	103.37	-2.08	--	--	Peak	19.00	100	Horizontal	N/A
3**	5578.750	96.51	-2.08	--	--	AV	19.00	100	Horizontal	N/A
4	7658.000	52.64	1.41	74.0	21.36	Peak	60.00	400	Horizontal	Pass
4**	7658.000	43.32	1.41	54.0	10.68	AV	60.00	400	Horizontal	Pass
5	11784.800	52.95	-0.16	74.0	21.05	Peak	113.00	150	Horizontal	Pass
5**	11784.800	44.34	-0.16	54.0	9.66	AV	113.00	150	Horizontal	Pass
6	16072.200	53.38	1.38	74.0	20.62	Peak	276.00	200	Horizontal	Pass
6**	16072.200	43.31	1.38	54.0	10.69	AV	276.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	38.91	-17.20	74.0	35.09	Peak	267.00	200	Vertical	Pass
1**	1485.000	32.58	-17.20	54.0	21.42	AV	267.00	200	Vertical	Pass
2	4245.750	46.94	-4.50	74.0	27.06	Peak	276.00	400	Vertical	Pass
2**	4245.750	37.66	-4.50	54.0	16.34	AV	276.00	400	Vertical	Pass
3	5581.250	97.51	-1.94	--	--	Peak	53.00	150	Vertical	N/A
3**	5581.250	89.24	-1.94	--	--	AV	53.00	150	Vertical	N/A
4	7362.250	53.27	0.76	74.0	20.73	Peak	298.00	100	Vertical	Pass
4**	7362.250	43.56	0.76	54.0	10.44	AV	298.00	100	Vertical	Pass
5	11797.862	52.52	-0.15	74.0	21.48	Peak	329.00	150	Vertical	Pass
5**	11797.862	43.82	-0.15	54.0	10.18	AV	329.00	150	Vertical	Pass
6	16164.338	53.97	2.05	74.0	20.03	Peak	276.00	200	Vertical	Pass
6**	16164.338	44.93	2.05	54.0	9.07	AV	276.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.200	39.56	-17.41	74.0	34.44	Peak	21.00	100	Horizontal	Pass
1**	1485.200	32.51	-17.41	54.0	21.49	AV	21.00	100	Horizontal	Pass
2	4367.000	47.36	-4.81	74.0	26.64	Peak	218.00	400	Horizontal	Pass
2**	4367.000	37.37	-4.81	54.0	16.63	AV	218.00	400	Horizontal	Pass
3	5702.500	100.70	-2.41	--	--	Peak	30.00	200	Horizontal	N/A
3**	5702.500	93.54	-2.41	--	--	AV	30.00	200	Horizontal	N/A
4	7484.250	53.63	1.00	74.0	20.37	Peak	344.00	400	Horizontal	Pass
4**	7484.250	43.32	1.00	54.0	10.68	AV	344.00	400	Horizontal	Pass
5	12030.137	53.07	0.06	74.0	20.93	Peak	210.00	100	Horizontal	Pass
5**	12030.137	42.05	0.06	54.0	11.95	AV	210.00	100	Horizontal	Pass
6	16169.588	53.08	2.02	74.0	20.92	Peak	98.00	200	Horizontal	Pass
6**	16169.588	44.80	2.02	54.0	9.20	AV	98.00	200	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	1484.700	38.42	-16.94	74.0	35.58	Peak	310.00	300	Vertical	Pass
1**	1484.700	31.29	-16.94	54.0	22.71	AV	310.00	300	Vertical	Pass
2	4209.500	46.87	-5.10	74.0	27.13	Peak	217.00	200	Vertical	Pass
2**	4209.500	37.62	-5.10	54.0	16.38	AV	217.00	200	Vertical	Pass
3	5702.250	95.17	-2.42	--	--	Peak	47.00	200	Vertical	N/A
3**	5702.250	87.56	-2.42	--	--	AV	47.00	200	Vertical	N/A
4	7731.000	53.33	0.38	74.0	20.67	Peak	89.00	400	Vertical	Pass
4**	7731.000	43.73	0.38	54.0	10.27	AV	89.00	400	Vertical	Pass
5	11783.375	52.33	-0.16	74.0	21.67	Peak	252.00	100	Vertical	Pass
5**	11783.375	42.84	-0.16	54.0	11.16	AV	252.00	100	Vertical	Pass
6	15835.950	54.36	1.48	74.0	19.64	Peak	302.00	300	Vertical	Pass
6**	15835.950	44.28	1.48	54.0	9.72	AV	302.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1436.500	38.93	-17.06	74.0	35.07	Peak	275.00	200	Horizontal	Pass
1**	1436.500	29.30	-17.06	54.0	24.70	AV	275.00	200	Horizontal	Pass
2	4250.500	46.61	-4.38	74.0	27.39	Peak	65.00	200	Horizontal	Pass
2**	4250.500	38.32	-4.38	54.0	15.68	AV	65.00	200	Horizontal	Pass
3	5512.500	99.73	-3.14	--	--	Peak	2.00	150	Horizontal	N/A
3**	5512.500	92.40	-3.14	--	--	AV	2.00	150	Horizontal	N/A
4	7457.500	52.75	0.13	74.0	21.25	Peak	0.00	300	Horizontal	Pass
4**	7457.500	42.77	0.13	54.0	11.23	AV	0.00	300	Horizontal	Pass
5	11796.437	52.31	-0.15	74.0	21.69	Peak	171.00	100	Horizontal	Pass
5**	11796.437	43.09	-0.15	54.0	10.91	AV	171.00	100	Horizontal	Pass
6	16163.550	53.48	2.06	74.0	20.52	Peak	300.00	400	Horizontal	Pass
6**	16163.550	45.34	2.06	54.0	8.66	AV	300.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.600	39.21	-16.91	74.0	34.79	Peak	349.00	300	Vertical	Pass
1**	1484.600	32.46	-16.91	54.0	21.54	AV	349.00	300	Vertical	Pass
2	4257.000	46.96	-4.04	74.0	27.04	Peak	137.00	200	Vertical	Pass
2**	4257.000	37.75	-4.04	54.0	16.25	AV	137.00	200	Vertical	Pass
3	5512.250	94.82	-3.11	--	--	Peak	55.00	150	Vertical	N/A
3**	5512.250	87.68	-3.11	--	--	AV	55.00	150	Vertical	N/A
4	7491.500	53.27	1.18	74.0	20.73	Peak	178.00	100	Vertical	Pass
4**	7491.500	43.82	1.18	54.0	10.18	AV	178.00	100	Vertical	Pass
5	11788.363	52.02	-0.16	74.0	21.98	Peak	360.00	150	Vertical	Pass
5**	11788.363	43.86	-0.16	54.0	10.14	AV	360.00	150	Vertical	Pass
6	16163.550	53.45	2.06	74.0	20.55	Peak	239.00	100	Vertical	Pass
6**	16163.550	44.57	2.06	54.0	9.43	AV	239.00	100	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	1482.700	38.67	-17.05	74.0	35.33	Peak	0.00	100	Horizontal	Pass
1**	1482.700	29.20	-17.05	54.0	24.80	AV	0.00	100	Horizontal	Pass
2	4247.250	46.45	-4.49	74.0	27.55	Peak	111.00	400	Horizontal	Pass
2**	4247.250	37.35	-4.49	54.0	16.65	AV	111.00	400	Horizontal	Pass
3	5586.750	99.78	-1.85	--	--	Peak	25.00	200	Horizontal	N/A
3**	5586.750	92.97	-1.85	--	--	AV	25.00	200	Horizontal	N/A
4	7356.250	53.06	0.53	74.0	20.94	Peak	2.00	400	Horizontal	Pass
4**	7356.250	43.89	0.53	54.0	10.11	AV	2.00	400	Horizontal	Pass
5	11804.037	52.19	-0.19	74.0	21.81	Peak	169.00	200	Horizontal	Pass
5**	11804.037	42.79	-0.19	54.0	11.21	AV	169.00	200	Horizontal	Pass
6	16146.224	53.06	2.12	74.0	20.94	Peak	111.00	100	Horizontal	Pass
6**	16146.224	44.73	2.12	54.0	9.27	AV	111.00	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	1484.900	39.28	-17.09	74.0	34.72	Peak	352.00	300	Vertical	Pass
1**	1484.900	34.07	-17.09	54.0	19.93	AV	352.00	300	Vertical	Pass
2	4260.500	47.01	-4.43	74.0	26.99	Peak	72.00	300	Vertical	Pass
2**	4260.500	39.21	-4.43	54.0	14.79	AV	72.00	300	Vertical	Pass
3	5588.250	93.91	-2.22	--	--	Peak	52.00	150	Vertical	N/A
3**	5588.250	86.21	-2.22	--	--	AV	52.00	150	Vertical	N/A
4	7359.750	53.93	0.94	74.0	20.07	Peak	202.00	300	Vertical	Pass
4**	7359.750	44.28	0.94	54.0	9.72	AV	202.00	300	Vertical	Pass
5	11786.700	52.28	-0.16	74.0	21.72	Peak	50.00	200	Vertical	Pass
5**	11786.700	43.49	-0.16	54.0	10.51	AV	50.00	200	Vertical	Pass
6	16182.450	54.02	1.93	74.0	19.98	Peak	213.00	300	Vertical	Pass
6**	16182.450	44.24	1.93	54.0	9.76	AV	213.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	39.32	-17.20	74.0	34.68	Peak	54.00	100	Horizontal	Pass
1**	1485.000	32.00	-17.20	54.0	22.00	AV	54.00	100	Horizontal	Pass
2	4358.250	47.13	-4.57	74.0	26.87	Peak	203.00	200	Horizontal	Pass
2**	4358.250	37.49	-4.57	54.0	16.51	AV	203.00	200	Horizontal	Pass
3	5663.250	98.77	-2.27	--	--	Peak	0.00	200	Horizontal	N/A
3**	5663.250	91.21	-2.27	--	--	AV	0.00	200	Horizontal	N/A
4	7558.000	53.00	0.07	74.0	21.00	Peak	183.00	400	Horizontal	Pass
4**	7558.000	42.90	0.07	54.0	11.10	AV	183.00	400	Horizontal	Pass
5	11784.088	52.41	-0.16	74.0	21.59	Peak	166.00	100	Horizontal	Pass
5**	11784.088	43.01	-0.16	54.0	10.99	AV	166.00	100	Horizontal	Pass
6	16172.738	53.18	2.00	74.0	20.82	Peak	326.00	100	Horizontal	Pass
6**	16172.738	45.19	2.00	54.0	8.81	AV	326.00	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	1583.400	38.79	-16.85	74.0	35.21	Peak	222.00	100	Vertical	Pass
1**	1583.400	28.90	-16.85	54.0	25.10	AV	222.00	100	Vertical	Pass
2	4324.750	46.63	-4.94	74.0	27.37	Peak	9.00	300	Vertical	Pass
2**	4324.750	37.50	-4.94	54.0	16.50	AV	9.00	300	Vertical	Pass
3	5673.750	93.13	-2.82	--	--	Peak	52.00	100	Vertical	N/A
3**	5673.750	85.58	-2.82	--	--	AV	52.00	100	Vertical	N/A
4	7561.500	52.73	0.19	74.0	21.27	Peak	259.00	100	Vertical	Pass
4**	7561.500	43.06	0.19	54.0	10.94	AV	259.00	100	Vertical	Pass
5	11786.700	52.61	-0.16	74.0	21.39	Peak	50.00	200	Vertical	Pass
5**	11786.700	42.95	-0.16	54.0	11.05	AV	50.00	200	Vertical	Pass
6	16095.037	52.97	1.69	74.0	21.03	Peak	82.00	100	Vertical	Pass
6**	16095.037	43.16	1.69	54.0	10.84	AV	82.00	100	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	1484.600	38.26	-16.91	74.0	35.74	Peak	175.00	100	Horizontal	Pass
1**	1484.600	30.27	-16.91	54.0	23.73	AV	175.00	100	Horizontal	Pass
2	4350.250	47.31	-4.78	74.0	26.69	Peak	344.00	300	Horizontal	Pass
2**	4350.250	37.70	-4.78	54.0	16.30	AV	344.00	300	Horizontal	Pass
3	5498.000	102.94	-2.51	--	--	Peak	8.00	200	Horizontal	N/A
3**	5498.000	95.17	-2.51	--	--	AV	8.00	200	Horizontal	N/A
4	7745.750	53.53	0.15	74.0	20.47	Peak	324.00	400	Horizontal	Pass
4**	7745.750	43.53	0.15	54.0	10.47	AV	324.00	400	Horizontal	Pass
5	12528.175	52.51	1.28	74.0	21.49	Peak	297.00	100	Horizontal	Pass
5**	12528.175	42.36	1.28	54.0	11.64	AV	297.00	100	Horizontal	Pass
6	16159.875	53.54	2.09	74.0	20.46	Peak	239.00	100	Horizontal	Pass
6**	16159.875	44.29	2.09	54.0	9.71	AV	239.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.500	39.25	-16.53	74.0	34.75	Peak	221.00	400	Vertical	Pass
1**	1512.500	28.90	-16.53	54.0	25.10	AV	221.00	400	Vertical	Pass
2	4276.750	47.44	-4.79	74.0	26.56	Peak	0.00	200	Vertical	Pass
2**	4276.750	37.81	-4.79	54.0	16.19	AV	0.00	200	Vertical	Pass
3	5502.000	97.24	-2.74	--	--	Peak	37.00	200	Vertical	N/A
3**	5502.000	90.58	-2.74	--	--	AV	37.00	200	Vertical	N/A
4	7484.750	53.30	1.30	74.0	20.70	Peak	0.00	100	Vertical	Pass
4**	7484.750	43.87	1.30	54.0	10.13	AV	0.00	100	Vertical	Pass
5	12308.487	52.10	0.60	74.0	21.90	Peak	33.00	200	Vertical	Pass
5**	12308.487	43.02	0.60	54.0	10.98	AV	33.00	200	Vertical	Pass
6	16147.276	54.14	2.13	74.0	19.86	Peak	360.00	100	Vertical	Pass
6**	16147.276	44.37	2.13	54.0	9.63	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.600	39.60	-16.91	74.0	34.40	Peak	175.00	200	Horizontal	Pass
1**	1484.600	34.08	-16.91	54.0	19.92	AV	175.00	200	Horizontal	Pass
2	4251.000	47.24	-4.04	74.0	26.76	Peak	324.00	200	Horizontal	Pass
2**	4251.000	37.92	-4.04	54.0	16.08	AV	324.00	200	Horizontal	Pass
3	5578.500	103.60	-2.10	--	--	Peak	18.00	150	Horizontal	N/A
3**	5578.500	95.88	-2.10	--	--	AV	18.00	150	Horizontal	N/A
4	7743.750	53.05	0.15	74.0	20.95	Peak	344.00	400	Horizontal	Pass
4**	7743.750	44.01	0.15	54.0	9.99	AV	344.00	400	Horizontal	Pass
5	11802.849	52.12	-0.18	74.0	21.88	Peak	0.00	150	Horizontal	Pass
5**	11802.849	43.92	-0.18	54.0	10.08	AV	0.00	150	Horizontal	Pass
6	16158.300	53.48	2.10	74.0	20.52	Peak	74.00	200	Horizontal	Pass
6**	16158.300	44.91	2.10	54.0	9.09	AV	74.00	200	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	1484.500	38.91	-16.89	74.0	35.09	Peak	128.00	400	Vertical	Pass
1**	1484.500	31.14	-16.89	54.0	22.86	AV	128.00	400	Vertical	Pass
2	4073.000	46.71	-5.88	74.0	27.29	Peak	234.00	300	Vertical	Pass
2**	4073.000	37.00	-5.88	54.0	17.00	AV	234.00	300	Vertical	Pass
3	5581.250	96.87	-1.94	--	--	Peak	50.00	200	Vertical	N/A
3**	5581.250	89.79	-1.94	--	--	AV	50.00	200	Vertical	N/A
4	7647.250	52.48	0.86	74.0	21.52	Peak	171.00	100	Vertical	Pass
4**	7647.250	43.29	0.86	54.0	10.71	AV	171.00	100	Vertical	Pass
5	12050.800	52.72	-0.21	74.0	21.28	Peak	40.00	200	Vertical	Pass
5**	12050.800	42.05	-0.21	54.0	11.95	AV	40.00	200	Vertical	Pass
6	16152.526	53.00	2.13	74.0	21.00	Peak	274.00	100	Vertical	Pass
6**	16152.526	44.52	2.13	54.0	9.48	AV	274.00	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	1484.700	39.51	-16.94	74.0	34.49	Peak	117.00	100	Horizontal	Pass
1**	1484.700	33.49	-16.94	54.0	20.51	AV	117.00	100	Horizontal	Pass
2	4309.250	47.04	-4.93	74.0	26.96	Peak	271.00	300	Horizontal	Pass
2**	4309.250	37.98	-4.93	54.0	16.02	AV	271.00	300	Horizontal	Pass
3	5700.250	101.56	-2.44	--	--	Peak	0.00	100	Horizontal	N/A
3**	5700.250	91.47	-2.44	--	--	AV	0.00	100	Horizontal	N/A
4	7647.000	53.09	0.78	74.0	20.91	Peak	176.00	200	Horizontal	Pass
4**	7647.000	43.39	0.78	54.0	10.61	AV	176.00	200	Horizontal	Pass
5	11786.225	52.38	-0.16	74.0	21.62	Peak	343.00	100	Horizontal	Pass
5**	11786.225	43.58	-0.16	54.0	10.42	AV	343.00	100	Horizontal	Pass
6	16178.775	53.41	1.96	74.0	20.59	Peak	271.00	200	Horizontal	Pass
6**	16178.775	44.95	1.96	54.0	9.05	AV	271.00	200	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	1485.000	39.85	-17.20	74.0	34.15	Peak	16.00	200	Vertical	Pass
1**	1485.000	35.08	-17.20	54.0	18.92	AV	16.00	200	Vertical	Pass
2	4260.250	46.93	-4.42	74.0	27.07	Peak	0.00	200	Vertical	Pass
2**	4260.250	37.72	-4.42	54.0	16.28	AV	0.00	200	Vertical	Pass
3	5698.250	95.56	-2.31	--	--	Peak	43.00	100	Vertical	N/A
3**	5698.250	87.80	-2.31	--	--	AV	43.00	100	Vertical	N/A
4	7647.250	52.98	0.86	74.0	21.02	Peak	0.00	200	Vertical	Pass
4**	7647.250	44.90	0.86	54.0	9.10	AV	0.00	200	Vertical	Pass
5	11778.150	52.71	-0.17	74.0	21.29	Peak	220.00	100	Vertical	Pass
5**	11778.150	43.74	-0.17	54.0	10.26	AV	220.00	100	Vertical	Pass
6	16075.875	53.20	1.43	74.0	20.80	Peak	62.00	400	Vertical	Pass
6**	16075.875	44.35	1.43	54.0	9.65	AV	62.00	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	1484.600	39.80	-16.91	74.0	34.20	Peak	328.00	400	Horizontal	Pass
1**	1484.600	32.28	-16.91	54.0	21.72	AV	328.00	400	Horizontal	Pass
2	4242.000	46.56	-4.82	74.0	27.44	Peak	259.00	200	Horizontal	Pass
2**	4242.000	37.67	-4.82	54.0	16.33	AV	259.00	200	Horizontal	Pass
3	5508.500	99.87	-2.88	--	--	Peak	0.00	150	Horizontal	N/A
3**	5508.500	92.48	-2.88	--	--	AV	0.00	150	Horizontal	N/A
4	7583.750	53.10	1.16	74.0	20.90	Peak	128.00	300	Horizontal	Pass
4**	7583.750	43.60	1.16	54.0	10.40	AV	128.00	300	Horizontal	Pass
5	12025.150	52.43	0.13	74.0	21.57	Peak	125.00	150	Horizontal	Pass
5**	12025.150	41.75	0.13	54.0	12.25	AV	125.00	150	Horizontal	Pass
6	16173.525	53.32	1.99	74.0	20.68	Peak	222.00	400	Horizontal	Pass
6**	16173.525	44.62	1.99	54.0	9.38	AV	222.00	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	1485.000	38.91	-17.20	74.0	35.09	Peak	351.00	100	Vertical	Pass
1**	1485.000	33.43	-17.20	54.0	20.57	AV	351.00	100	Vertical	Pass
2	4367.750	47.36	-4.61	74.0	26.64	Peak	213.00	400	Vertical	Pass
2**	4367.750	38.27	-4.61	54.0	15.73	AV	213.00	400	Vertical	Pass
3	5514.000	94.42	-3.06	--	--	Peak	40.00	150	Vertical	N/A
3**	5514.000	86.46	-3.06	--	--	AV	40.00	150	Vertical	N/A
4	7476.000	53.25	0.61	74.0	20.75	Peak	213.00	300	Vertical	Pass
4**	7476.000	43.28	0.61	54.0	10.72	AV	213.00	300	Vertical	Pass
5	11784.088	51.98	-0.16	74.0	22.02	Peak	28.00	150	Vertical	Pass
5**	11784.088	42.98	-0.16	54.0	11.02	AV	28.00	150	Vertical	Pass
6	16155.938	53.16	2.11	74.0	20.84	Peak	101.00	200	Vertical	Pass
6**	16155.938	44.01	2.11	54.0	9.99	AV	101.00	200	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	1484.300	39.10	-16.90	74.0	34.90	Peak	35.00	300	Horizontal	Pass
1**	1484.300	29.56	-16.90	54.0	24.44	AV	35.00	300	Horizontal	Pass
2	4289.250	47.13	-4.41	74.0	26.87	Peak	303.00	100	Horizontal	Pass
2**	4289.250	37.56	-4.41	54.0	16.44	AV	303.00	100	Horizontal	Pass
3	5588.750	99.47	-2.01	--	--	Peak	0.00	150	Horizontal	N/A
3**	5588.750	92.00	-2.01	--	--	AV	0.00	150	Horizontal	N/A
4	7476.250	52.87	0.62	74.0	21.13	Peak	159.00	300	Horizontal	Pass
4**	7476.250	44.45	0.62	54.0	9.55	AV	159.00	300	Horizontal	Pass
5	11785.275	52.66	-0.16	74.0	21.34	Peak	210.00	200	Horizontal	Pass
5**	11785.275	43.59	-0.16	54.0	10.41	AV	210.00	200	Horizontal	Pass
6	16163.025	53.22	2.06	74.0	20.78	Peak	176.00	400	Horizontal	Pass
6**	16163.025	44.84	2.06	54.0	9.16	AV	176.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.600	39.21	-16.91	74.0	34.79	Peak	205.00	200	Vertical	Pass
1**	1484.600	31.60	-16.91	54.0	22.40	AV	205.00	200	Vertical	Pass
2	4089.000	46.85	-5.62	74.0	27.15	Peak	0.00	400	Vertical	Pass
2**	4089.000	37.22	-5.62	54.0	16.78	AV	0.00	400	Vertical	Pass
3	5591.750	94.45	-2.11	--	--	Peak	55.00	150	Vertical	N/A
3**	5591.750	86.72	-2.11	--	--	AV	55.00	150	Vertical	N/A
4	7357.000	52.72	0.81	74.0	21.28	Peak	242.00	100	Vertical	Pass
4**	7357.000	44.26	0.81	54.0	9.74	AV	242.00	100	Vertical	Pass
5	11694.550	52.30	-0.61	74.0	21.70	Peak	259.00	100	Vertical	Pass
5**	11694.550	41.90	-0.61	54.0	12.10	AV	259.00	100	Vertical	Pass
6	16186.651	53.29	1.90	74.0	20.71	Peak	317.00	300	Vertical	Pass
6**	16186.651	43.51	1.90	54.0	10.49	AV	317.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.200	38.32	-17.32	74.0	35.68	Peak	332.00	300	Horizontal	Pass
1**	1536.200	28.32	-17.32	54.0	25.68	AV	332.00	300	Horizontal	Pass
2	4350.750	47.18	-4.64	74.0	26.82	Peak	0.00	300	Horizontal	Pass
2**	4350.750	37.23	-4.64	54.0	16.77	AV	0.00	300	Horizontal	Pass
3	5666.000	98.80	-2.44	--	--	Peak	0.00	200	Horizontal	N/A
3**	5666.000	91.42	-2.44	--	--	AV	0.00	200	Horizontal	N/A
4	7748.750	53.47	0.33	74.0	20.53	Peak	281.00	300	Horizontal	Pass
4**	7748.750	43.90	0.33	54.0	10.10	AV	281.00	300	Horizontal	Pass
5	11786.463	51.97	-0.16	74.0	22.03	Peak	201.00	100	Horizontal	Pass
5**	11786.463	43.17	-0.16	54.0	10.83	AV	201.00	100	Horizontal	Pass
6	16188.488	52.95	1.89	74.0	21.05	Peak	183.00	400	Horizontal	Pass
6**	16188.488	44.66	1.89	54.0	9.34	AV	183.00	400	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	1531.800	38.79	-16.89	74.0	35.21	Peak	212.00	200	Vertical	Pass
1**	1531.800	28.88	-16.89	54.0	25.12	AV	212.00	200	Vertical	Pass
2	4259.000	47.55	-4.33	74.0	26.45	Peak	0.00	100	Vertical	Pass
2**	4259.000	37.63	-4.33	54.0	16.37	AV	0.00	100	Vertical	Pass
3	5671.250	93.61	-2.38	--	--	Peak	33.00	150	Vertical	N/A
3**	5671.250	86.00	-2.38	--	--	AV	33.00	150	Vertical	N/A
4	7318.250	53.28	0.52	74.0	20.72	Peak	261.00	300	Vertical	Pass
4**	7318.250	43.98	0.52	54.0	10.02	AV	261.00	300	Vertical	Pass
5	12347.912	51.77	0.83	74.0	22.23	Peak	113.00	100	Vertical	Pass
5**	12347.912	42.73	0.83	54.0	11.27	AV	113.00	100	Vertical	Pass
6	16155.675	53.05	2.11	74.0	20.95	Peak	200.00	100	Vertical	Pass
6**	16155.675	44.04	2.11	54.0	9.96	AV	200.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	39.71	-17.09	74.0	34.29	Peak	99.00	100	Horizontal	Pass
1**	1484.900	34.87	-17.09	54.0	19.13	AV	99.00	100	Horizontal	Pass
2	4364.500	47.21	-4.68	74.0	26.79	Peak	0.00	200	Horizontal	Pass
2**	4364.500	37.75	-4.68	54.0	16.25	AV	0.00	200	Horizontal	Pass
3	5523.500	96.73	-2.63	--	--	Peak	27.00	150	Horizontal	N/A
3**	5523.500	89.02	-2.63	--	--	AV	27.00	150	Horizontal	N/A
4	7719.750	53.17	1.03	74.0	20.83	Peak	283.00	200	Horizontal	Pass
4**	7719.750	42.92	1.03	54.0	11.08	AV	283.00	200	Horizontal	Pass
5	11788.125	52.20	-0.16	74.0	21.80	Peak	38.00	200	Horizontal	Pass
5**	11788.125	43.32	-0.16	54.0	10.68	AV	38.00	200	Horizontal	Pass
6	16161.450	52.93	2.07	74.0	21.07	Peak	90.00	100	Horizontal	Pass
6**	16161.450	44.99	2.07	54.0	9.01	AV	90.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	39.16	-16.98	74.0	34.84	Peak	0.00	300	Vertical	Pass
1**	1484.800	33.21	-16.98	54.0	20.79	AV	0.00	300	Vertical	Pass
2	4330.750	47.13	-5.04	74.0	26.87	Peak	0.00	300	Vertical	Pass
2**	4330.750	37.52	-5.04	54.0	16.48	AV	0.00	300	Vertical	Pass
3	5523.000	91.62	-2.62	--	--	Peak	48.00	150	Vertical	N/A
3**	5523.000	83.44	-2.62	--	--	AV	48.00	150	Vertical	N/A
4	7739.000	53.11	0.20	74.0	20.89	Peak	28.00	200	Vertical	Pass
4**	7739.000	44.00	0.20	54.0	10.00	AV	28.00	200	Vertical	Pass
5	12531.262	52.06	1.26	74.0	21.94	Peak	167.00	100	Vertical	Pass
5**	12531.262	42.70	1.26	54.0	11.30	AV	167.00	100	Vertical	Pass
6	16159.088	52.96	2.09	74.0	21.04	Peak	259.00	100	Vertical	Pass
6**	16159.088	44.13	2.09	54.0	9.87	AV	259.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	39.27	-17.09	74.0	34.73	Peak	326.00	100	Horizontal	Pass
1**	1484.900	33.00	-17.09	54.0	21.00	AV	326.00	100	Horizontal	Pass
2	4284.250	47.18	-4.97	74.0	26.82	Peak	35.00	400	Horizontal	Pass
2**	4284.250	37.90	-4.97	54.0	16.10	AV	35.00	400	Horizontal	Pass
3	5618.250	96.43	-2.45	--	--	Peak	0.00	150	Horizontal	N/A
3**	5618.250	87.97	-2.45	--	--	AV	0.00	150	Horizontal	N/A
4	7355.500	52.81	0.42	74.0	21.19	Peak	11.00	400	Horizontal	Pass
4**	7355.500	43.28	0.42	54.0	10.72	AV	11.00	400	Horizontal	Pass
5	12544.800	52.81	1.18	74.0	21.19	Peak	188.00	100	Horizontal	Pass
5**	12544.800	43.49	1.18	54.0	10.51	AV	188.00	100	Horizontal	Pass
6	16176.412	53.78	1.97	74.0	20.22	Peak	86.00	200	Horizontal	Pass
6**	16176.412	44.08	1.97	54.0	9.92	AV	86.00	200	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	1485.000	38.35	-17.20	74.0	35.65	Peak	117.00	300	Vertical	Pass
1**	1485.000	30.39	-17.20	54.0	23.61	AV	117.00	300	Vertical	Pass
2	4259.000	47.21	-4.33	74.0	26.79	Peak	178.00	400	Vertical	Pass
2**	4259.000	38.48	-4.33	54.0	15.52	AV	178.00	400	Vertical	Pass
3	5603.750	90.76	-1.97	--	--	Peak	52.00	200	Vertical	N/A
3**	5603.750	83.28	-1.97	--	--	AV	52.00	200	Vertical	N/A
4	7365.250	52.81	0.81	74.0	21.19	Peak	115.00	200	Vertical	Pass
4**	7365.250	43.14	0.81	54.0	10.86	AV	115.00	200	Vertical	Pass
5	12360.025	52.71	0.90	74.0	21.29	Peak	152.00	200	Vertical	Pass
5**	12360.025	42.50	0.90	54.0	11.50	AV	152.00	200	Vertical	Pass
6	16176.151	52.80	1.97	74.0	21.20	Peak	86.00	100	Vertical	Pass
6**	16176.151	44.00	1.97	54.0	10.00	AV	86.00	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	1485.000	39.67	-17.20	74.0	34.33	Peak	0.00	200	Horizontal	Pass
1**	1485.000	34.48	-17.20	54.0	19.52	AV	0.00	200	Horizontal	Pass
2	4327.250	46.60	-5.03	74.0	27.40	Peak	261.00	400	Horizontal	Pass
2**	4327.250	37.33	-5.03	54.0	16.67	AV	261.00	400	Horizontal	Pass
3	5748.250	100.15	-2.15	--	--	Peak	18.00	200	Horizontal	N/A
3**	5748.250	92.91	-2.15	--	--	AV	18.00	200	Horizontal	N/A
4	7486.750	53.84	1.46	74.0	20.16	Peak	119.00	400	Horizontal	Pass
4**	7486.750	44.87	1.46	54.0	9.13	AV	119.00	400	Horizontal	Pass
5	12553.349	52.39	1.09	74.0	21.61	Peak	133.00	150	Horizontal	Pass
5**	12553.349	42.10	1.09	54.0	11.90	AV	133.00	150	Horizontal	Pass
6	16174.050	53.14	1.99	74.0	20.86	Peak	339.00	300	Horizontal	Pass
6**	16174.050	45.62	1.99	54.0	8.38	AV	339.00	300	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	1484.700	39.10	-16.94	74.0	34.90	Peak	235.00	400	Vertical	Pass
1**	1484.700	32.86	-16.94	54.0	21.14	AV	235.00	400	Vertical	Pass
2	4234.250	46.55	-4.92	74.0	27.45	Peak	344.00	300	Vertical	Pass
2**	4234.250	38.19	-4.92	54.0	15.81	AV	344.00	300	Vertical	Pass
3	5743.250	95.63	-2.09	--	--	Peak	60.00	100	Vertical	N/A
3**	5743.250	88.62	-2.09	--	--	AV	60.00	100	Vertical	N/A
4	7359.750	52.95	0.94	74.0	21.05	Peak	121.00	200	Vertical	Pass
4**	7359.750	43.93	0.94	54.0	10.07	AV	121.00	200	Vertical	Pass
5	12561.188	52.05	0.95	74.0	21.95	Peak	57.00	200	Vertical	Pass
5**	12561.188	42.27	0.95	54.0	11.73	AV	57.00	200	Vertical	Pass
6	16167.750	52.86	2.03	74.0	21.14	Peak	360.00	200	Vertical	Pass
6**	16167.750	44.39	2.03	54.0	9.61	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1462.100	39.20	-17.48	74.0	34.80	Peak	0.00	300	Horizontal	Pass
1**	1462.100	28.33	-17.48	54.0	25.67	AV	0.00	300	Horizontal	Pass
2	4372.250	47.87	-5.21	74.0	26.13	Peak	205.00	300	Horizontal	Pass
2**	4372.250	37.00	-5.21	54.0	17.00	AV	205.00	300	Horizontal	Pass
3	5784.000	99.95	-2.66	--	--	Peak	26.00	100	Horizontal	N/A
3**	5784.000	93.05	-2.66	--	--	AV	26.00	100	Horizontal	N/A
4	7708.250	53.18	1.90	74.0	20.82	Peak	205.00	200	Horizontal	Pass
4**	7708.250	43.84	1.90	54.0	10.16	AV	205.00	200	Horizontal	Pass
5	12563.325	52.25	0.92	74.0	21.75	Peak	304.00	100	Horizontal	Pass
5**	12563.325	42.79	0.92	54.0	11.21	AV	304.00	100	Horizontal	Pass
6	16028.625	53.58	1.16	74.0	20.42	Peak	326.00	100	Horizontal	Pass
6**	16028.625	43.51	1.16	54.0	10.49	AV	326.00	100	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	1484.600	39.39	-16.91	74.0	34.61	Peak	201.00	300	Vertical	Pass
1**	1484.600	32.70	-16.91	54.0	21.30	AV	201.00	300	Vertical	Pass
2	4294.000	46.94	-4.73	74.0	27.06	Peak	224.00	300	Vertical	Pass
2**	4294.000	37.43	-4.73	54.0	16.57	AV	224.00	300	Vertical	Pass
3	5784.250	95.94	-2.76	--	--	Peak	46.00	150	Vertical	N/A
3**	5784.250	88.97	-2.76	--	--	AV	46.00	150	Vertical	N/A
4	7645.250	53.14	1.03	74.0	20.86	Peak	66.00	400	Vertical	Pass
4**	7645.250	44.26	1.03	54.0	9.74	AV	66.00	400	Vertical	Pass
5	12544.088	51.55	1.18	74.0	22.45	Peak	62.00	150	Vertical	Pass
5**	12544.088	43.05	1.18	54.0	10.95	AV	62.00	150	Vertical	Pass
6	16174.576	53.41	1.99	74.0	20.59	Peak	158.00	300	Vertical	Pass
6**	16174.576	44.05	1.99	54.0	9.95	AV	158.00	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	1484.600	39.65	-16.91	74.0	34.35	Peak	360.00	400	Horizontal	Pass
1**	1484.600	32.79	-16.91	54.0	21.21	AV	360.00	400	Horizontal	Pass
2	4387.250	46.98	-5.22	74.0	27.02	Peak	116.00	200	Horizontal	Pass
2**	4387.250	36.84	-5.22	54.0	17.16	AV	116.00	200	Horizontal	Pass
3	5823.000	99.33	-2.53	--	--	Peak	26.00	150	Horizontal	N/A
3**	5823.000	91.77	-2.53	--	--	AV	26.00	150	Horizontal	N/A
4	7358.000	52.72	0.60	74.0	21.28	Peak	251.00	300	Horizontal	Pass
4**	7358.000	43.57	0.60	54.0	10.43	AV	251.00	300	Horizontal	Pass
5	12338.175	51.79	0.78	74.0	22.21	Peak	286.00	100	Horizontal	Pass
5**	12338.175	41.91	0.78	54.0	12.09	AV	286.00	100	Horizontal	Pass
6	16149.638	53.26	2.15	74.0	20.74	Peak	264.00	300	Horizontal	Pass
6**	16149.638	43.51	2.15	54.0	10.49	AV	264.00	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	1612.900	38.52	-16.63	74.0	35.48	Peak	171.00	100	Vertical	Pass
1**	1612.900	30.16	-16.63	54.0	23.84	AV	171.00	100	Vertical	Pass
2	4216.000	46.24	-5.34	74.0	27.76	Peak	360.00	300	Vertical	Pass
2**	4216.000	36.76	-5.34	54.0	17.24	AV	360.00	300	Vertical	Pass
3	5826.500	95.10	-2.70	--	--	Peak	53.00	150	Vertical	N/A
3**	5826.500	87.57	-2.70	--	--	AV	53.00	150	Vertical	N/A
4	7488.750	52.42	1.29	74.0	21.58	Peak	283.00	100	Vertical	Pass
4**	7488.750	43.66	1.29	54.0	10.34	AV	283.00	100	Vertical	Pass
5	12171.688	51.57	0.16	74.0	22.43	Peak	259.00	200	Vertical	Pass
5**	12171.688	42.09	0.16	54.0	11.91	AV	259.00	200	Vertical	Pass
6	16168.537	53.45	2.03	74.0	20.55	Peak	168.00	200	Vertical	Pass
6**	16168.537	44.26	2.03	54.0	9.74	AV	168.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	39.53	-16.98	74.0	34.47	Peak	360.00	200	Horizontal	Pass
1**	1484.800	33.43	-16.98	54.0	20.57	AV	360.00	200	Horizontal	Pass
2	4292.000	47.59	-4.60	74.0	26.41	Peak	0.00	200	Horizontal	Pass
2**	4292.000	37.17	-4.60	54.0	16.83	AV	0.00	200	Horizontal	Pass
3	5747.750	100.40	-2.31	--	--	Peak	38.00	200	Horizontal	N/A
3**	5747.750	93.12	-2.31	--	--	AV	38.00	200	Horizontal	N/A
4	7639.250	53.02	0.64	74.0	20.98	Peak	180.00	100	Horizontal	Pass
4**	7639.250	43.46	0.64	54.0	10.54	AV	180.00	100	Horizontal	Pass
5	12032.750	52.16	0.02	74.0	21.84	Peak	179.00	100	Horizontal	Pass
5**	12032.750	42.66	0.02	54.0	11.34	AV	179.00	100	Horizontal	Pass
6	16168.275	53.15	2.03	74.0	20.85	Peak	99.00	400	Horizontal	Pass
6**	16168.275	45.18	2.03	54.0	8.82	AV	99.00	400	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	1484.700	38.97	-16.94	74.0	35.03	Peak	6.00	300	Vertical	Pass
1**	1484.700	33.09	-16.94	54.0	20.91	AV	6.00	300	Vertical	Pass
2	4343.000	47.08	-4.88	74.0	26.92	Peak	63.00	400	Vertical	Pass
2**	4343.000	37.06	-4.88	54.0	16.94	AV	63.00	400	Vertical	Pass
3	5744.000	95.89	-2.18	--	--	Peak	43.00	100	Vertical	N/A
3**	5744.000	88.40	-2.18	--	--	AV	43.00	100	Vertical	N/A
4	7710.250	52.89	1.90	74.0	21.11	Peak	104.00	300	Vertical	Pass
4**	7710.250	43.25	1.90	54.0	10.75	AV	104.00	300	Vertical	Pass
5	11783.137	52.02	-0.16	74.0	21.98	Peak	21.00	200	Vertical	Pass
5**	11783.137	43.57	-0.16	54.0	10.43	AV	21.00	200	Vertical	Pass
6	16150.162	53.55	2.15	74.0	20.45	Peak	189.00	200	Vertical	Pass
6**	16150.162	43.92	2.15	54.0	10.08	AV	189.00	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	1484.700	39.24	-16.94	74.0	34.76	Peak	0.00	100	Horizontal	Pass
1**	1484.700	32.23	-16.94	54.0	21.77	AV	0.00	100	Horizontal	Pass
2	4338.000	46.54	-4.96	74.0	27.46	Peak	0.00	100	Horizontal	Pass
2**	4338.000	37.64	-4.96	54.0	16.36	AV	0.00	100	Horizontal	Pass
3	5786.250	100.36	-2.30	--	--	Peak	7.00	100	Horizontal	N/A
3**	5786.250	92.54	-2.30	--	--	AV	7.00	100	Horizontal	N/A
4	7308.000	53.76	0.45	74.0	20.24	Peak	199.00	300	Horizontal	Pass
4**	7308.000	44.52	0.45	54.0	9.48	AV	199.00	300	Horizontal	Pass
5	11792.162	52.32	-0.15	74.0	21.68	Peak	225.00	150	Horizontal	Pass
5**	11792.162	42.67	-0.15	54.0	11.33	AV	225.00	150	Horizontal	Pass
6	16063.013	53.26	1.26	74.0	20.74	Peak	56.00	400	Horizontal	Pass
6**	16063.013	44.10	1.26	54.0	9.90	AV	56.00	400	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	1484.700	39.58	-16.94	74.0	34.42	Peak	339.00	400	Vertical	Pass
1**	1484.700	34.13	-16.94	54.0	19.87	AV	339.00	400	Vertical	Pass
2	4258.250	47.00	-4.07	74.0	27.00	Peak	28.00	300	Vertical	Pass
2**	4258.250	38.02	-4.07	54.0	15.98	AV	28.00	300	Vertical	Pass
3	5783.750	96.16	-2.79	--	--	Peak	48.00	150	Vertical	N/A
3**	5783.750	88.42	-2.79	--	--	AV	48.00	150	Vertical	N/A
4	7723.500	52.92	0.89	74.0	21.08	Peak	344.00	400	Vertical	Pass
4**	7723.500	43.34	0.89	54.0	10.66	AV	344.00	400	Vertical	Pass
5	12278.325	51.97	0.79	74.0	22.03	Peak	97.00	100	Vertical	Pass
5**	12278.325	43.20	0.79	54.0	10.80	AV	97.00	100	Vertical	Pass
6	16175.362	53.03	1.98	74.0	20.97	Peak	265.00	400	Vertical	Pass
6**	16175.362	45.18	1.98	54.0	8.82	AV	265.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	39.77	-16.98	74.0	34.23	Peak	0.00	200	Horizontal	Pass
1**	1484.800	34.91	-16.98	54.0	19.09	AV	0.00	200	Horizontal	Pass
2	4341.500	47.37	-4.86	74.0	26.63	Peak	0.00	400	Horizontal	Pass
2**	4341.500	37.12	-4.86	54.0	16.88	AV	0.00	400	Horizontal	Pass
3	5826.250	99.62	-2.69	--	--	Peak	20.00	150	Horizontal	N/A
3**	5826.250	91.65	-2.69	--	--	AV	20.00	150	Horizontal	N/A
4	7716.000	52.42	1.44	74.0	21.58	Peak	253.00	300	Horizontal	Pass
4**	7716.000	43.53	1.44	54.0	10.47	AV	253.00	300	Horizontal	Pass
5	11789.550	52.31	-0.16	74.0	21.69	Peak	0.00	200	Horizontal	Pass
5**	11789.550	42.88	-0.16	54.0	11.12	AV	0.00	200	Horizontal	Pass
6	16090.050	53.68	1.62	74.0	20.32	Peak	295.00	300	Horizontal	Pass
6**	16090.050	44.12	1.62	54.0	9.88	AV	295.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.200	38.54	-17.10	74.0	35.46	Peak	0.00	100	Vertical	Pass
1**	1534.200	29.07	-17.10	54.0	24.93	AV	0.00	100	Vertical	Pass
2	4260.750	47.21	-4.40	74.0	26.79	Peak	1.00	400	Vertical	Pass
2**	4260.750	37.70	-4.40	54.0	16.30	AV	1.00	400	Vertical	Pass
3	5826.750	95.60	-2.49	--	--	Peak	46.00	150	Vertical	N/A
3**	5826.750	88.67	-2.49	--	--	AV	46.00	150	Vertical	N/A
4	7741.000	52.55	0.18	74.0	21.45	Peak	227.00	200	Vertical	Pass
4**	7741.000	43.07	0.18	54.0	10.93	AV	227.00	200	Vertical	Pass
5	11774.588	51.60	-0.17	74.0	22.40	Peak	360.00	200	Vertical	Pass
5**	11774.588	41.97	-0.17	54.0	12.03	AV	360.00	200	Vertical	Pass
6	16171.425	53.64	2.01	74.0	20.36	Peak	333.00	300	Vertical	Pass
6**	16171.425	45.55	2.01	54.0	8.45	AV	333.00	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	1485.100	39.35	-17.31	74.0	34.65	Peak	155.00	100	Horizontal	Pass
1**	1485.100	33.33	-17.31	54.0	20.67	AV	155.00	100	Horizontal	Pass
2	4055.000	47.25	-5.24	74.0	26.75	Peak	97.00	200	Horizontal	Pass
2**	4055.000	36.68	-5.24	54.0	17.32	AV	97.00	200	Horizontal	Pass
3	5750.500	97.45	-2.12	--	--	Peak	37.00	100	Horizontal	N/A
3**	5750.500	89.54	-2.12	--	--	AV	37.00	100	Horizontal	N/A
4	7491.250	53.70	1.20	74.0	20.30	Peak	37.00	400	Horizontal	Pass
4**	7491.250	43.48	1.20	54.0	10.52	AV	37.00	400	Horizontal	Pass
5	11798.813	52.07	-0.15	74.0	21.93	Peak	41.00	100	Horizontal	Pass
5**	11798.813	42.27	-0.15	54.0	11.73	AV	41.00	100	Horizontal	Pass
6	16175.887	52.80	1.98	74.0	21.20	Peak	322.00	300	Horizontal	Pass
6**	16175.887	44.66	1.98	54.0	9.34	AV	322.00	300	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	1484.700	39.42	-16.94	74.0	34.58	Peak	57.00	100	Vertical	Pass
1**	1484.700	32.03	-16.94	54.0	21.97	AV	57.00	100	Vertical	Pass
2	4292.750	46.60	-4.73	74.0	27.40	Peak	182.00	400	Vertical	Pass
2**	4292.750	37.09	-4.73	54.0	16.91	AV	182.00	400	Vertical	Pass
3	5753.500	92.63	-2.30	--	--	Peak	39.00	150	Vertical	N/A
3**	5753.500	85.66	-2.30	--	--	AV	39.00	150	Vertical	N/A
4	7366.000	53.55	0.76	74.0	20.45	Peak	222.00	400	Vertical	Pass
4**	7366.000	43.89	0.76	54.0	10.11	AV	222.00	400	Vertical	Pass
5	12032.037	52.11	0.03	74.0	21.89	Peak	147.00	150	Vertical	Pass
5**	12032.037	42.25	0.03	54.0	11.75	AV	147.00	150	Vertical	Pass
6	16157.776	53.14	2.10	74.0	20.86	Peak	109.00	300	Vertical	Pass
6**	16157.776	44.15	2.10	54.0	9.85	AV	109.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	38.87	-17.09	74.0	35.13	Peak	0.00	400	Horizontal	Pass
1**	1484.900	33.08	-17.09	54.0	20.92	AV	0.00	400	Horizontal	Pass
2	4351.250	47.78	-4.39	74.0	26.22	Peak	0.00	200	Horizontal	Pass
2**	4351.250	38.18	-4.39	54.0	15.82	AV	0.00	200	Horizontal	Pass
3	5793.750	97.87	-2.16	--	--	Peak	17.00	100	Horizontal	N/A
3**	5793.750	90.35	-2.16	--	--	AV	17.00	100	Horizontal	N/A
4	7477.750	52.95	0.38	74.0	21.05	Peak	0.00	300	Horizontal	Pass
4**	7477.750	44.01	0.38	54.0	9.99	AV	0.00	300	Horizontal	Pass
5	12550.500	51.94	1.14	74.0	22.06	Peak	170.00	100	Horizontal	Pass
5**	12550.500	42.44	1.14	54.0	11.56	AV	170.00	100	Horizontal	Pass
6	16177.724	53.05	1.96	74.0	20.95	Peak	360.00	100	Horizontal	Pass
6**	16177.724	44.25	1.96	54.0	9.75	AV	360.00	100	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	1485.000	40.43	-17.20	74.0	33.57	Peak	0.00	300	Vertical	Pass
1**	1485.000	34.06	-17.20	54.0	19.94	AV	0.00	300	Vertical	Pass
2	4246.000	47.47	-4.48	74.0	26.53	Peak	0.00	100	Vertical	Pass
2**	4246.000	37.49	-4.48	54.0	16.51	AV	0.00	100	Vertical	Pass
3	5799.000	92.97	-2.09	--	--	Peak	207.00	200	Vertical	N/A
3**	5799.000	85.84	-2.09	--	--	AV	207.00	200	Vertical	N/A
4	7366.500	52.48	0.62	74.0	21.52	Peak	75.00	100	Vertical	Pass
4**	7366.500	42.96	0.62	54.0	11.04	AV	75.00	100	Vertical	Pass
5	12556.200	51.91	1.04	74.0	22.09	Peak	186.00	150	Vertical	Pass
5**	12556.200	42.04	1.04	54.0	11.96	AV	186.00	150	Vertical	Pass
6	16167.487	53.82	2.03	74.0	20.18	Peak	309.00	300	Vertical	Pass
6**	16167.487	44.38	2.03	54.0	9.62	AV	309.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	39.00	-17.20	74.0	35.00	Peak	356.00	300	Horizontal	Pass
1**	1485.000	33.31	-17.20	54.0	20.69	AV	356.00	300	Horizontal	Pass
2	4367.000	47.10	-4.81	74.0	26.90	Peak	99.00	400	Horizontal	Pass
2**	4367.000	37.89	-4.81	54.0	16.11	AV	99.00	400	Horizontal	Pass
3	5742.500	100.13	-2.06	--	--	Peak	37.00	200	Horizontal	N/A
3**	5742.500	92.32	-2.06	--	--	AV	37.00	200	Horizontal	N/A
4	7355.500	52.93	0.42	74.0	21.07	Peak	261.00	300	Horizontal	Pass
4**	7355.500	43.54	0.42	54.0	10.46	AV	261.00	300	Horizontal	Pass
5	11785.513	52.25	-0.16	74.0	21.75	Peak	247.00	150	Horizontal	Pass
5**	11785.513	42.63	-0.16	54.0	11.37	AV	247.00	150	Horizontal	Pass
6	16163.287	53.88	2.06	74.0	20.12	Peak	27.00	400	Horizontal	Pass
6**	16163.287	43.61	2.06	54.0	10.39	AV	27.00	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	1484.900	39.25	-17.09	74.0	34.75	Peak	108.00	400	Vertical	Pass
1**	1484.900	33.08	-17.09	54.0	20.92	AV	108.00	400	Vertical	Pass
2	4355.250	47.26	-4.77	74.0	26.74	Peak	61.00	200	Vertical	Pass
2**	4355.250	39.54	-4.77	54.0	14.46	AV	61.00	200	Vertical	Pass
3	5742.250	95.75	-2.04	--	--	Peak	41.00	200	Vertical	N/A
3**	5742.250	87.71	-2.04	--	--	AV	41.00	200	Vertical	N/A
4	7471.250	53.05	0.40	74.0	20.95	Peak	243.00	100	Vertical	Pass
4**	7471.250	43.83	0.40	54.0	10.17	AV	243.00	100	Vertical	Pass
5	12544.562	52.37	1.18	74.0	21.63	Peak	69.00	150	Vertical	Pass
5**	12544.562	43.08	1.18	54.0	10.92	AV	69.00	150	Vertical	Pass
6	16161.188	53.06	2.08	74.0	20.94	Peak	309.00	300	Vertical	Pass
6**	16161.188	45.37	2.08	54.0	8.63	AV	309.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.600	39.07	-17.00	74.0	34.93	Peak	320.00	400	Horizontal	Pass
1**	1485.600	31.48	-17.00	54.0	22.52	AV	320.00	400	Horizontal	Pass
2	4280.250	46.42	-4.62	74.0	27.58	Peak	168.00	200	Horizontal	Pass
2**	4280.250	37.95	-4.62	54.0	16.05	AV	168.00	200	Horizontal	Pass
3	5787.500	99.92	-2.46	--	--	Peak	12.00	100	Horizontal	N/A
3**	5787.500	92.05	-2.46	--	--	AV	12.00	100	Horizontal	N/A
4	7353.500	53.26	0.34	74.0	20.74	Peak	0.00	100	Horizontal	Pass
4**	7353.500	43.26	0.34	54.0	10.74	AV	0.00	100	Horizontal	Pass
5	12292.813	51.71	0.63	74.0	22.29	Peak	9.00	200	Horizontal	Pass
5**	12292.813	42.13	0.63	54.0	11.87	AV	9.00	200	Horizontal	Pass
6	16158.562	52.92	2.09	74.0	21.08	Peak	36.00	200	Horizontal	Pass
6**	16158.562	43.99	2.09	54.0	10.01	AV	36.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.100	38.49	-17.31	74.0	35.51	Peak	349.00	300	Vertical	Pass
1**	1485.100	32.64	-17.31	54.0	21.36	AV	349.00	300	Vertical	Pass
2	4380.000	46.84	-4.98	74.0	27.16	Peak	326.00	300	Vertical	Pass
2**	4380.000	38.15	-4.98	54.0	15.85	AV	326.00	300	Vertical	Pass
3	5786.250	96.24	-2.30	--	--	Peak	44.00	150	Vertical	N/A
3**	5786.250	88.65	-2.30	--	--	AV	44.00	150	Vertical	N/A
4	7748.500	52.84	0.31	74.0	21.16	Peak	265.00	300	Vertical	Pass
4**	7748.500	43.39	0.31	54.0	10.61	AV	265.00	300	Vertical	Pass
5	12030.612	52.21	0.05	74.0	21.79	Peak	75.00	100	Vertical	Pass
5**	12030.612	41.91	0.05	54.0	12.09	AV	75.00	100	Vertical	Pass
6	16163.025	53.01	2.06	74.0	20.99	Peak	352.00	300	Vertical	Pass
6**	16163.025	44.88	2.06	54.0	9.12	AV	352.00	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	1484.800	40.38	-16.98	74.0	33.62	Peak	10.00	300	Horizontal	Pass
1**	1484.800	35.29	-16.98	54.0	18.71	AV	10.00	300	Horizontal	Pass
2	4247.000	47.05	-4.43	74.0	26.95	Peak	360.00	100	Horizontal	Pass
2**	4247.000	37.33	-4.43	54.0	16.67	AV	360.00	100	Horizontal	Pass
3	5826.250	99.16	-2.69	--	--	Peak	29.00	200	Horizontal	N/A
3**	5826.250	92.24	-2.69	--	--	AV	29.00	200	Horizontal	N/A
4	7723.500	52.70	0.89	74.0	21.30	Peak	0.00	300	Horizontal	Pass
4**	7723.500	44.17	0.89	54.0	9.83	AV	0.00	300	Horizontal	Pass
5	12298.988	52.05	0.57	74.0	21.95	Peak	50.00	100	Horizontal	Pass
5**	12298.988	41.47	0.57	54.0	12.53	AV	50.00	100	Horizontal	Pass
6	16101.599	53.17	1.76	74.0	20.83	Peak	187.00	400	Horizontal	Pass
6**	16101.599	43.27	1.76	54.0	10.73	AV	187.00	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	1484.800	39.24	-16.98	74.0	34.76	Peak	94.00	200	Vertical	Pass
1**	1484.800	34.25	-16.98	54.0	19.75	AV	94.00	200	Vertical	Pass
2	4377.750	46.73	-5.54	74.0	27.27	Peak	0.00	200	Vertical	Pass
2**	4377.750	38.00	-5.54	54.0	16.00	AV	0.00	200	Vertical	Pass
3	5827.000	94.84	-2.45	--	--	Peak	44.00	200	Vertical	N/A
3**	5827.000	87.91	-2.45	--	--	AV	44.00	200	Vertical	N/A
4	7368.750	52.92	0.87	74.0	21.08	Peak	278.00	200	Vertical	Pass
4**	7368.750	43.68	0.87	54.0	10.32	AV	278.00	200	Vertical	Pass
5	12517.012	51.54	1.34	74.0	22.46	Peak	309.00	200	Vertical	Pass
5**	12517.012	42.03	1.34	54.0	11.97	AV	309.00	200	Vertical	Pass
6	16176.938	54.05	1.97	74.0	19.95	Peak	293.00	300	Vertical	Pass
6**	16176.938	44.98	1.97	54.0	9.02	AV	293.00	300	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	1485.000	39.05	-17.20	74.0	34.95	Peak	360.00	400	Horizontal	Pass
1**	1485.000	33.59	-17.20	54.0	20.41	AV	360.00	400	Horizontal	Pass
2	4377.000	47.57	-4.92	74.0	26.43	Peak	344.00	200	Horizontal	Pass
2**	4377.000	37.55	-4.92	54.0	16.45	AV	344.00	200	Horizontal	Pass
3	5752.000	97.51	-1.84	--	--	Peak	23.00	200	Horizontal	N/A
3**	5752.000	90.12	-1.84	--	--	AV	23.00	200	Horizontal	N/A
4	7491.750	52.79	1.21	74.0	21.21	Peak	124.00	400	Horizontal	Pass
4**	7491.750	43.50	1.21	54.0	10.50	AV	124.00	400	Horizontal	Pass
5	12325.349	51.93	0.70	74.0	22.07	Peak	360.00	200	Horizontal	Pass
5**	12325.349	42.09	0.70	54.0	11.91	AV	360.00	200	Horizontal	Pass
6	16165.125	53.47	2.05	74.0	20.53	Peak	278.00	100	Horizontal	Pass
6**	16165.125	44.11	2.05	54.0	9.89	AV	278.00	100	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	1484.700	38.98	-16.94	74.0	35.02	Peak	130.00	300	Vertical	Pass
1**	1484.700	32.67	-16.94	54.0	21.33	AV	130.00	300	Vertical	Pass
2	4249.750	46.48	-4.27	74.0	27.52	Peak	25.00	200	Vertical	Pass
2**	4249.750	37.35	-4.27	54.0	16.65	AV	25.00	200	Vertical	Pass
3	5751.000	93.01	-2.15	--	--	Peak	205.00	200	Vertical	N/A
3**	5751.000	85.03	-2.15	--	--	AV	205.00	200	Vertical	N/A
4	7355.000	52.59	0.27	74.0	21.41	Peak	125.00	100	Vertical	Pass
4**	7355.000	43.19	0.27	54.0	10.81	AV	125.00	100	Vertical	Pass
5	12547.174	52.05	1.17	74.0	21.95	Peak	101.00	100	Vertical	Pass
5**	12547.174	42.97	1.17	54.0	11.03	AV	101.00	100	Vertical	Pass
6	16177.724	52.84	1.96	74.0	21.16	Peak	163.00	300	Vertical	Pass
6**	16177.724	44.30	1.96	54.0	9.70	AV	163.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	39.08	-16.94	74.0	34.92	Peak	244.00	400	Horizontal	Pass
1**	1484.700	32.14	-16.94	54.0	21.86	AV	244.00	400	Horizontal	Pass
2	4233.250	47.82	-5.14	74.0	26.18	Peak	242.00	300	Horizontal	Pass
2**	4233.250	37.65	-5.14	54.0	16.35	AV	242.00	300	Horizontal	Pass
3	5793.000	98.28	-2.18	--	--	Peak	20.00	100	Horizontal	N/A
3**	5793.000	90.34	-2.18	--	--	AV	20.00	100	Horizontal	N/A
4	7727.750	52.47	0.43	74.0	21.53	Peak	0.00	400	Horizontal	Pass
4**	7727.750	43.59	0.43	54.0	10.41	AV	0.00	400	Horizontal	Pass
5	11803.800	51.99	-0.19	74.0	22.01	Peak	174.00	200	Horizontal	Pass
5**	11803.800	42.23	-0.19	54.0	11.77	AV	174.00	200	Horizontal	Pass
6	16158.300	52.90	2.10	74.0	21.10	Peak	232.00	200	Horizontal	Pass
6**	16158.300	43.71	2.10	54.0	10.29	AV	232.00	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	1484.600	38.85	-16.91	74.0	35.15	Peak	222.00	100	Vertical	Pass
1**	1484.600	31.89	-16.91	54.0	22.11	AV	222.00	100	Vertical	Pass
2	4355.000	47.12	-4.78	74.0	26.88	Peak	186.00	100	Vertical	Pass
2**	4355.000	37.76	-4.78	54.0	16.24	AV	186.00	100	Vertical	Pass
3	5797.500	92.98	-2.30	--	--	Peak	186.00	150	Vertical	N/A
3**	5797.500	85.83	-2.30	--	--	AV	186.00	150	Vertical	N/A
4	7355.500	52.54	0.42	74.0	21.46	Peak	13.00	100	Vertical	Pass
4**	7355.500	43.68	0.42	54.0	10.32	AV	13.00	100	Vertical	Pass
5	12407.287	51.78	1.10	74.0	22.22	Peak	303.00	150	Vertical	Pass
5**	12407.287	42.26	1.10	54.0	11.74	AV	303.00	150	Vertical	Pass
6	16166.700	54.35	2.04	74.0	19.65	Peak	149.00	200	Vertical	Pass
6**	16166.700	44.50	2.04	54.0	9.50	AV	149.00	200	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	1484.900	39.89	-17.09	74.0	34.11	Peak	0.00	200	Horizontal	Pass
1**	1484.900	34.89	-17.09	54.0	19.11	AV	0.00	200	Horizontal	Pass
2	4250.250	46.69	-4.21	74.0	27.31	Peak	0.00	200	Horizontal	Pass
2**	4250.250	37.91	-4.21	54.0	16.09	AV	0.00	200	Horizontal	Pass
3	5768.250	94.99	-2.30	--	--	Peak	27.00	150	Horizontal	N/A
3**	5768.250	87.21	-2.30	--	--	AV	27.00	150	Horizontal	N/A
4	7705.500	53.10	1.77	74.0	20.90	Peak	66.00	300	Horizontal	Pass
4**	7705.500	43.27	1.77	54.0	10.73	AV	66.00	300	Horizontal	Pass
5	12034.888	51.97	-0.00	74.0	22.03	Peak	138.00	150	Horizontal	Pass
5**	12034.888	41.98	-0.00	54.0	12.02	AV	138.00	150	Horizontal	Pass
6	16165.125	52.50	2.05	74.0	21.50	Peak	351.00	200	Horizontal	Pass
6**	16165.125	44.88	2.05	54.0	9.12	AV	351.00	200	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	1620.800	38.79	-16.96	74.0	35.21	Peak	130.00	300	Vertical	Pass
1**	1620.800	28.03	-16.96	54.0	25.97	AV	130.00	300	Vertical	Pass
2	4369.250	46.94	-5.02	74.0	27.06	Peak	25.00	100	Vertical	Pass
2**	4369.250	38.11	-5.02	54.0	15.89	AV	25.00	100	Vertical	Pass
3	5780.750	90.77	-2.83	--	--	Peak	46.00	150	Vertical	N/A
3**	5780.750	83.09	-2.83	--	--	AV	46.00	150	Vertical	N/A
4	7733.750	52.63	0.47	74.0	21.37	Peak	244.00	100	Vertical	Pass
4**	7733.750	44.24	0.47	54.0	9.76	AV	244.00	100	Vertical	Pass
5	12305.162	51.92	0.59	74.0	22.08	Peak	108.00	100	Vertical	Pass
5**	12305.162	42.08	0.59	54.0	11.92	AV	108.00	100	Vertical	Pass
6	16161.450	52.69	2.07	74.0	21.31	Peak	0.00	200	Vertical	Pass
6**	16161.450	44.18	2.07	54.0	9.82	AV	0.00	200	Vertical	Pass

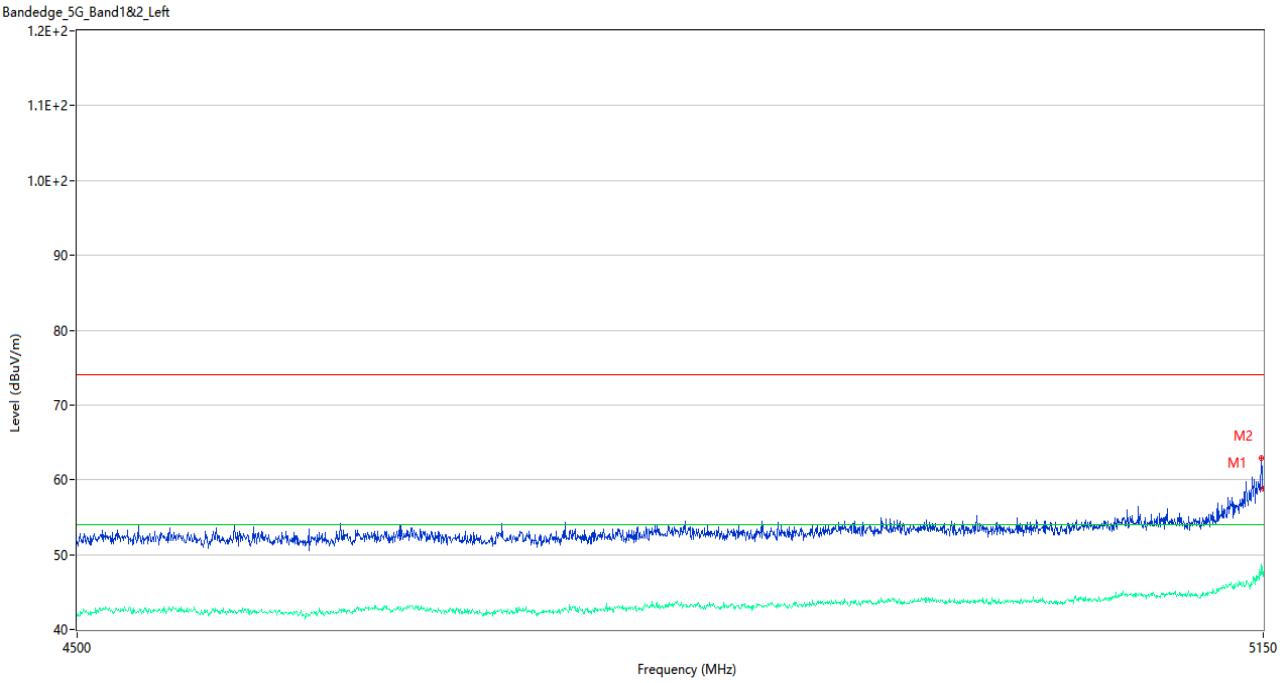
A.6.2 Band Edge (Restricted-band)

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

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

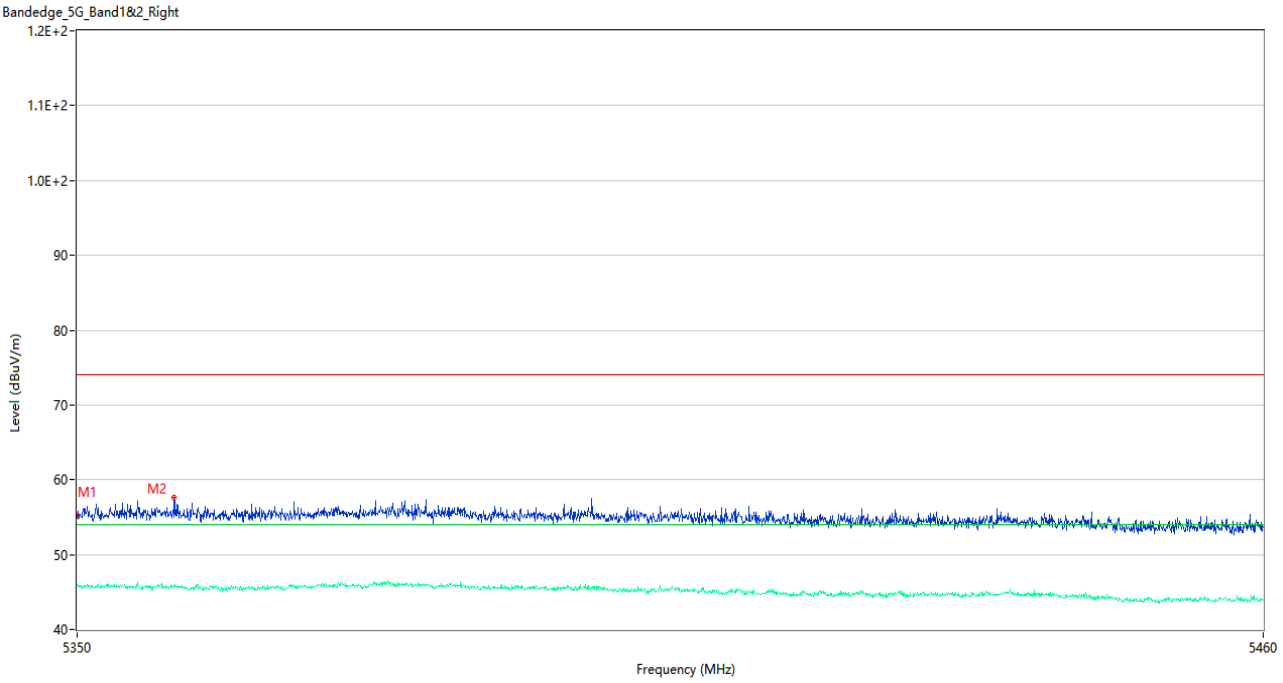
Test Data and Plots

U-NII-1 11a Low Channel



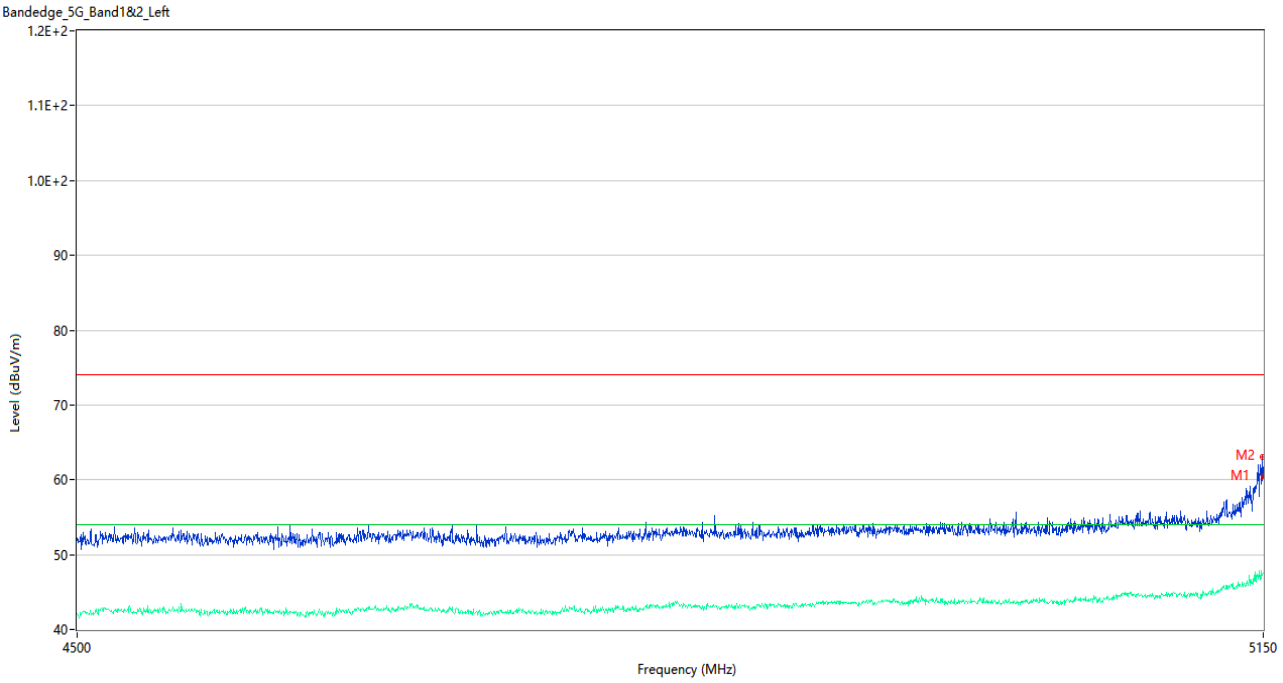
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	62.97	2.84	74.0	11.03	Peak	21.00	150	Horizontal	Pass
1**	5148.700	47.33	2.84	54.0	6.67	AV	21.00	150	Horizontal	Pass
2	5150.000	58.83	2.86	74.0	15.17	Peak	41.00	100	Horizontal	Pass
2**	5150.000	47.14	2.86	54.0	6.86	AV	41.00	100	Horizontal	Pass

U-NII-1 11a High Channel



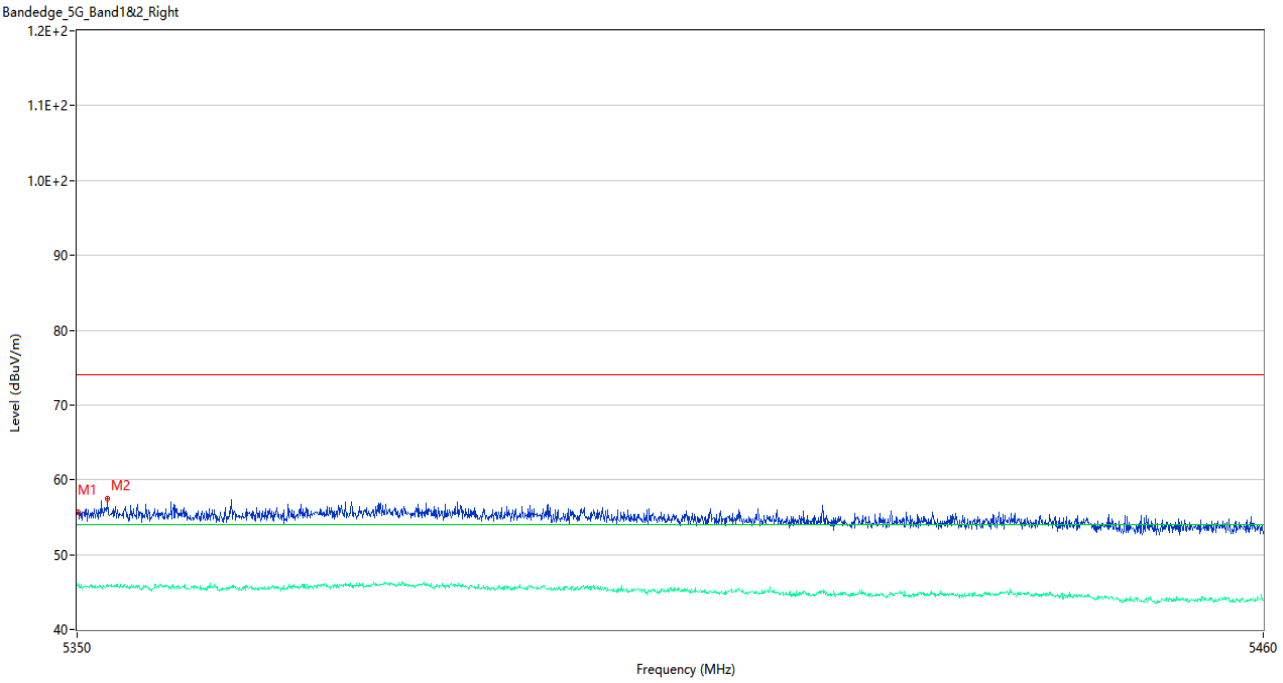
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.15	3.32	74.0	18.85	Peak	58.00	100	Horizontal	Pass
1**	5350.000	45.99	3.32	54.0	8.01	AV	58.00	100	Horizontal	Pass
2	5358.910	57.65	3.05	74.0	16.35	Peak	360.00	200	Horizontal	Pass
2**	5358.910	45.85	3.05	54.0	8.15	AV	360.00	200	Horizontal	Pass

U-NII-1 11n20 Low Channel



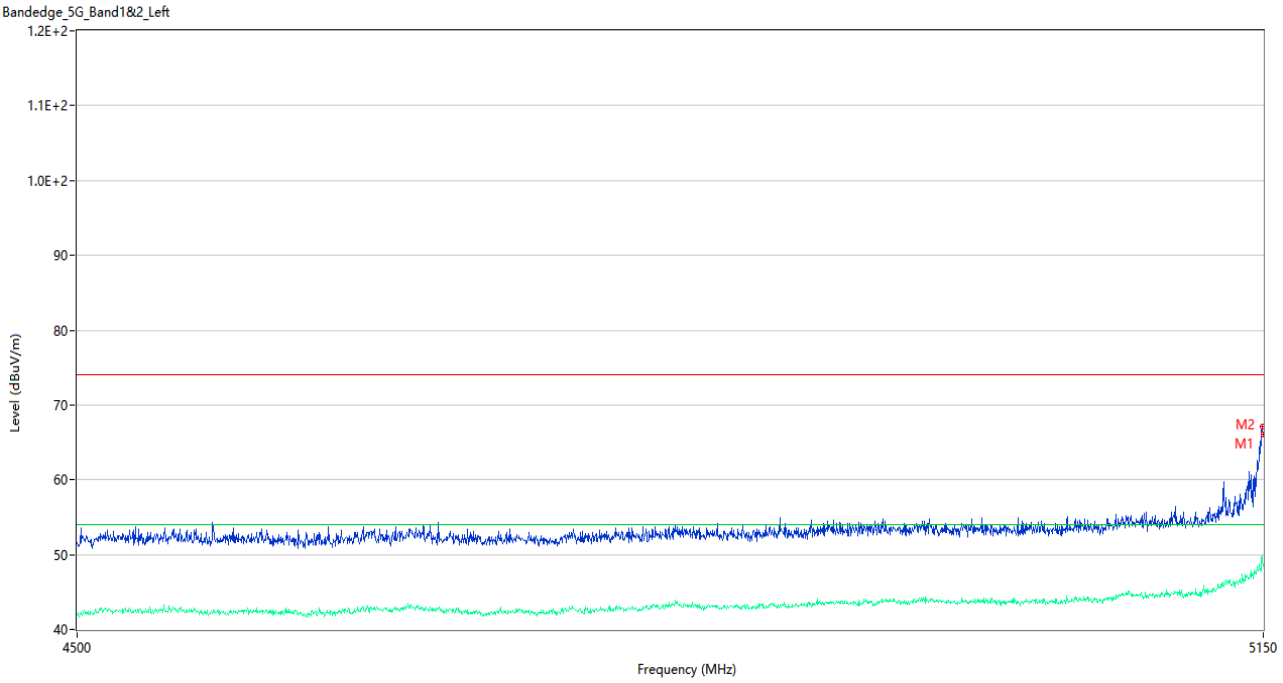
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	63.08	2.85	74.0	10.92	Peak	50.00	200	Horizontal	Pass
1**	5149.675	47.37	2.85	54.0	6.63	AV	50.00	200	Horizontal	Pass
2	5150.000	60.54	2.86	74.0	13.46	Peak	26.00	100	Horizontal	Pass
2**	5150.000	47.46	2.86	54.0	6.54	AV	26.00	100	Horizontal	Pass

U-NII-1 11n20 High Channel



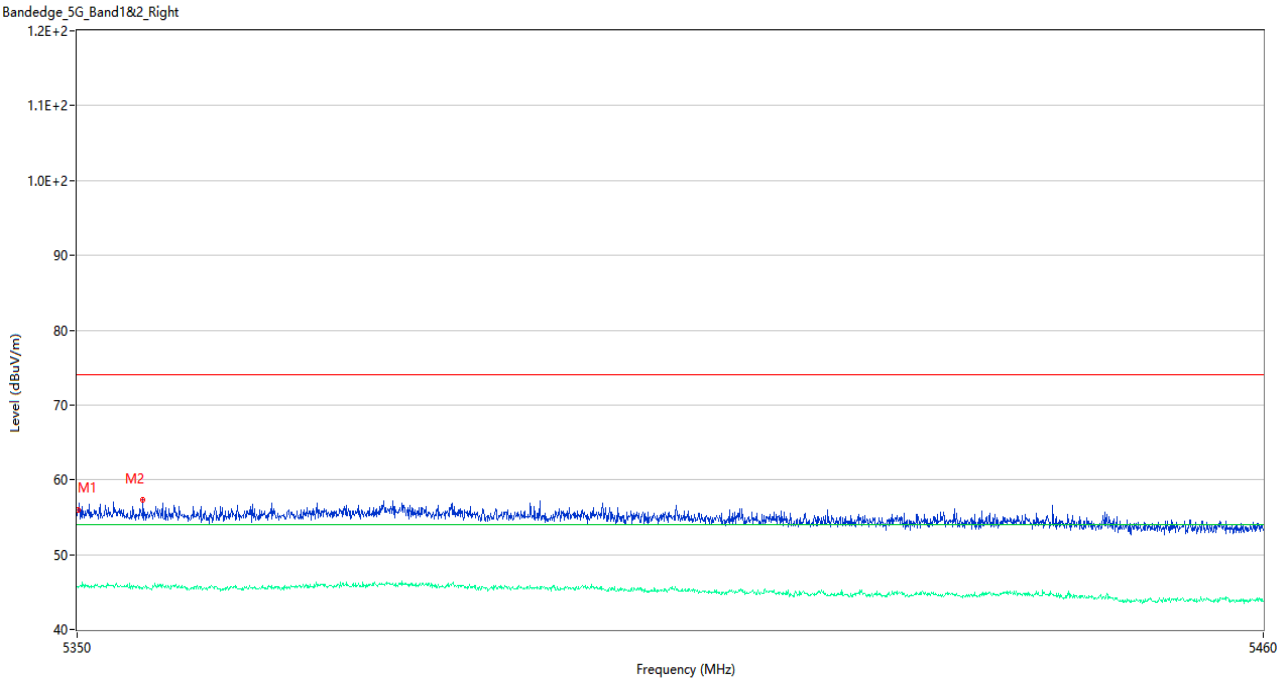
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.67	3.30	74.0	18.33	Peak	349.00	100	Horizontal	Pass
1**	5350.055	45.91	3.30	54.0	8.09	AV	349.00	100	Horizontal	Pass
2	5352.805	57.48	3.18	74.0	16.52	Peak	251.00	200	Horizontal	Pass
2**	5352.805	46.00	3.18	54.0	8.00	AV	251.00	200	Horizontal	Pass

U-NII-1 11n40 Low Channel



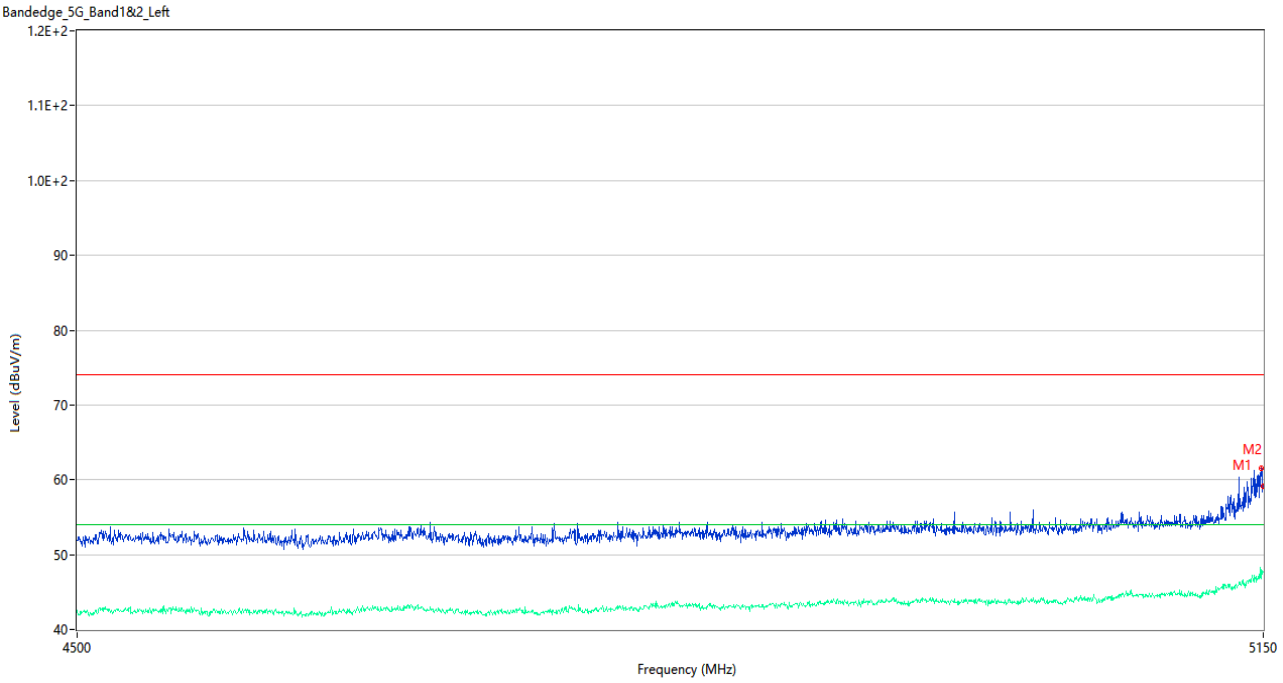
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	67.18	2.85	74.0	6.82	Peak	42.00	100	Horizontal	Pass
1**	5149.350	49.85	2.85	54.0	4.15	AV	42.00	100	Horizontal	Pass
2	5150.000	66.05	2.86	74.0	7.95	Peak	76.00	150	Horizontal	Pass
2**	5150.000	48.47	2.86	54.0	5.53	AV	76.00	150	Horizontal	Pass

U-NII-1 11n40 High Channel



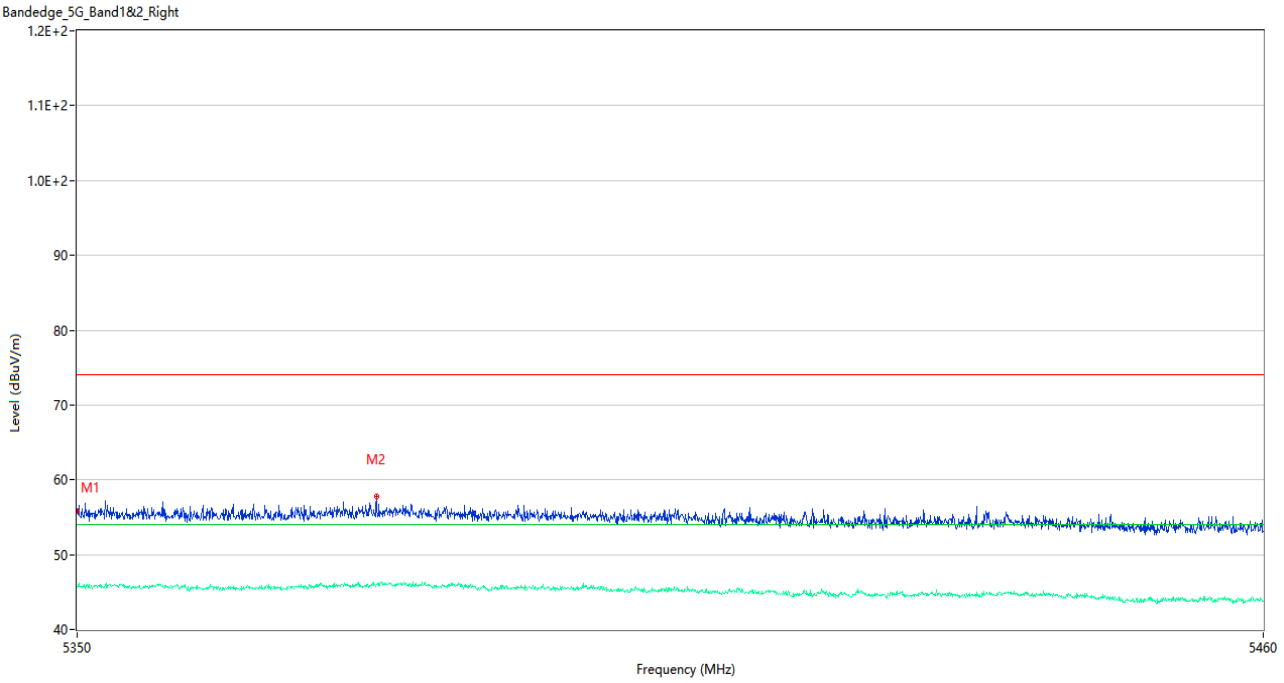
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.03	3.30	74.0	17.97	Peak	35.00	200	Horizontal	Pass
1**	5350.055	45.72	3.30	54.0	8.28	AV	35.00	200	Horizontal	Pass
2	5356.050	57.26	2.83	74.0	16.74	Peak	303.00	100	Horizontal	Pass
2**	5356.050	45.39	2.83	54.0	8.61	AV	303.00	100	Horizontal	Pass

U-NII-1 11ac20 Low Channel



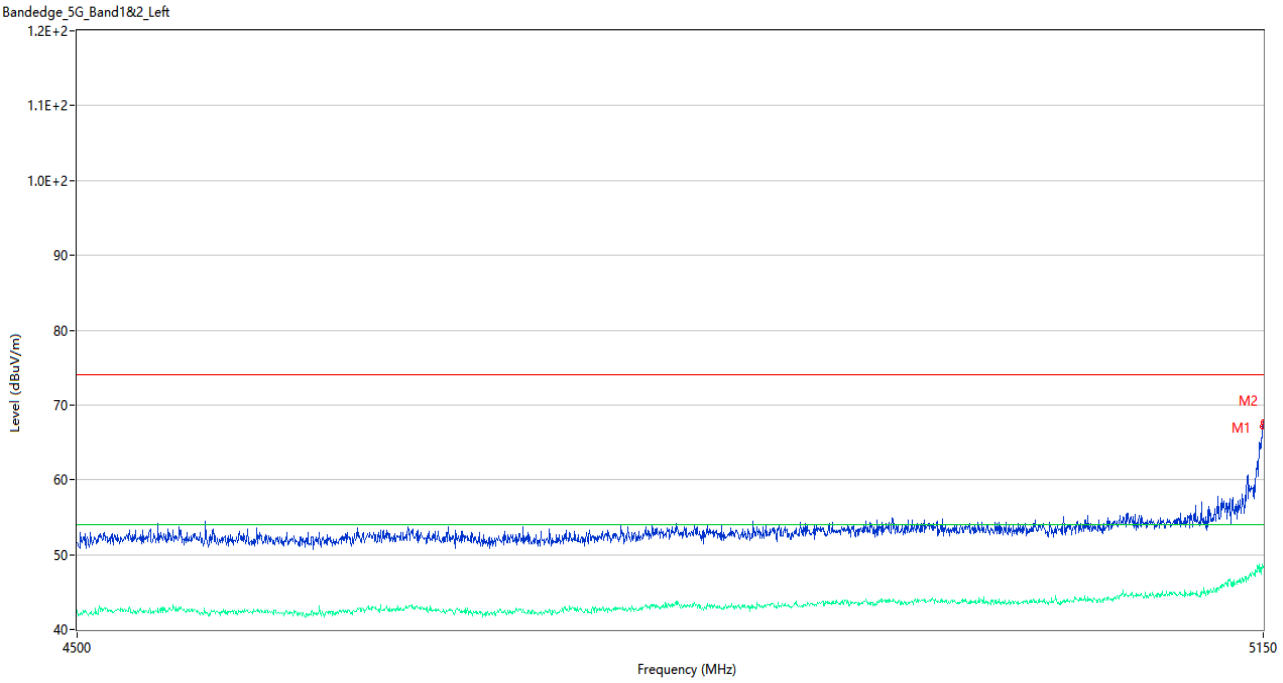
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	61.60	2.87	74.0	12.40	Peak	39.00	150	Horizontal	Pass
1**	5149.025	47.94	2.87	54.0	6.06	AV	39.00	150	Horizontal	Pass
2	5150.000	59.14	2.86	74.0	14.86	Peak	66.00	100	Horizontal	Pass
2**	5150.000	47.73	2.86	54.0	6.27	AV	66.00	100	Horizontal	Pass

U-NII-1 11ac20 High Channel



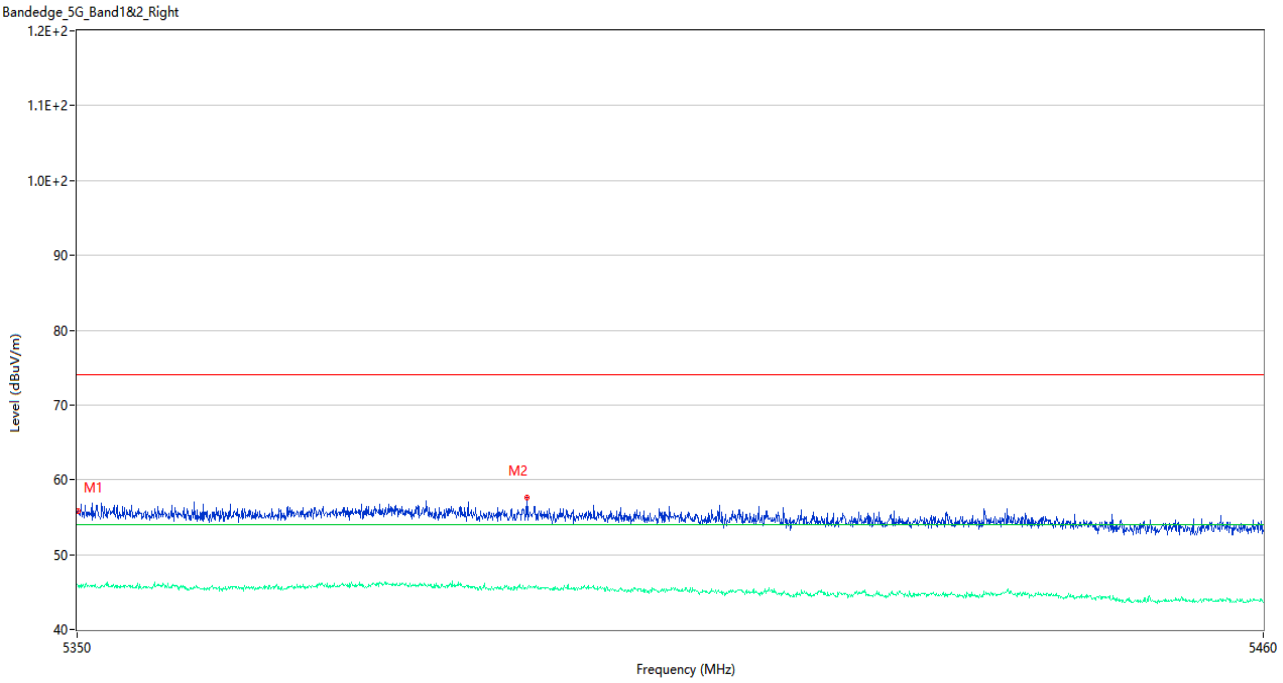
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.76	3.32	74.0	18.24	Peak	52.00	100	Horizontal	Pass
1**	5350.000	45.76	3.32	54.0	8.24	AV	52.00	100	Horizontal	Pass
2	5377.555	57.82	3.11	74.0	16.18	Peak	351.00	100	Horizontal	Pass
2**	5377.555	46.04	3.11	54.0	7.96	AV	351.00	100	Horizontal	Pass

U-NII-1 11ac40 Low Channel



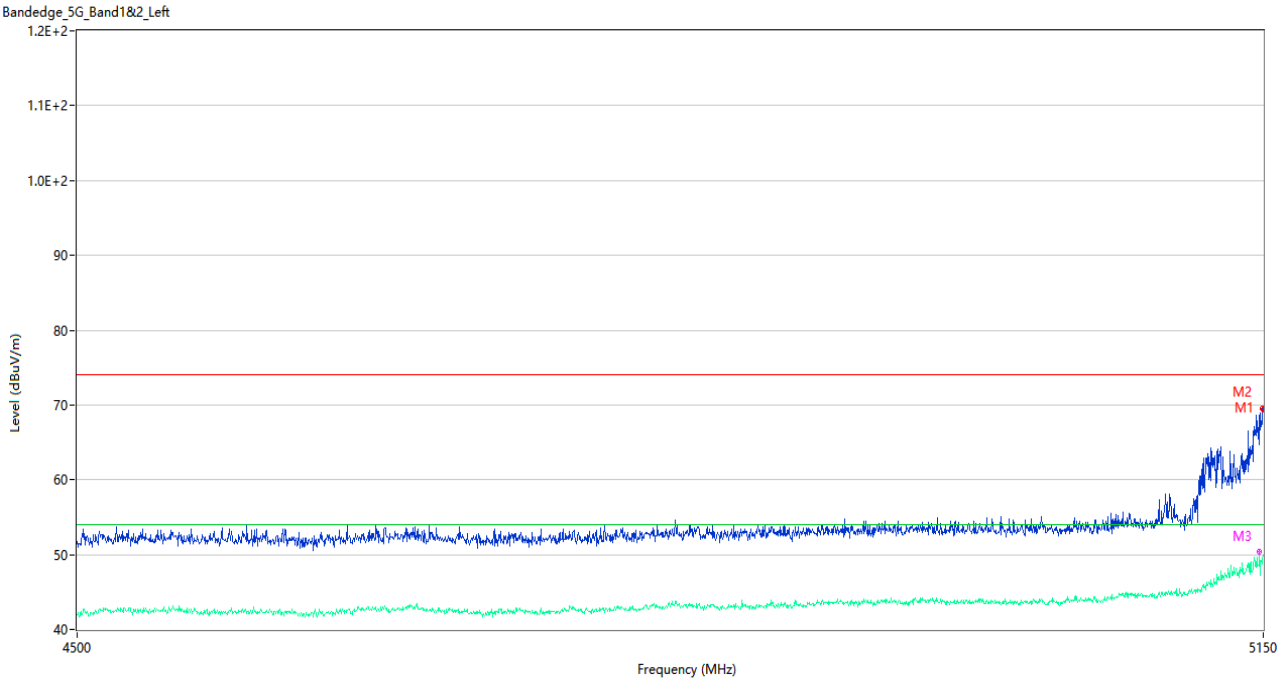
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	67.09	2.85	74.0	6.91	Peak	44.00	100	Horizontal	Pass
1**	5149.350	48.07	2.85	54.0	5.93	AV	44.00	100	Horizontal	Pass
2	5150.000	67.73	2.86	74.0	6.27	Peak	44.00	200	Horizontal	Pass
2**	5150.000	48.25	2.86	54.0	5.75	AV	44.00	200	Horizontal	Pass

U-NII-1 11ac40 High Channel



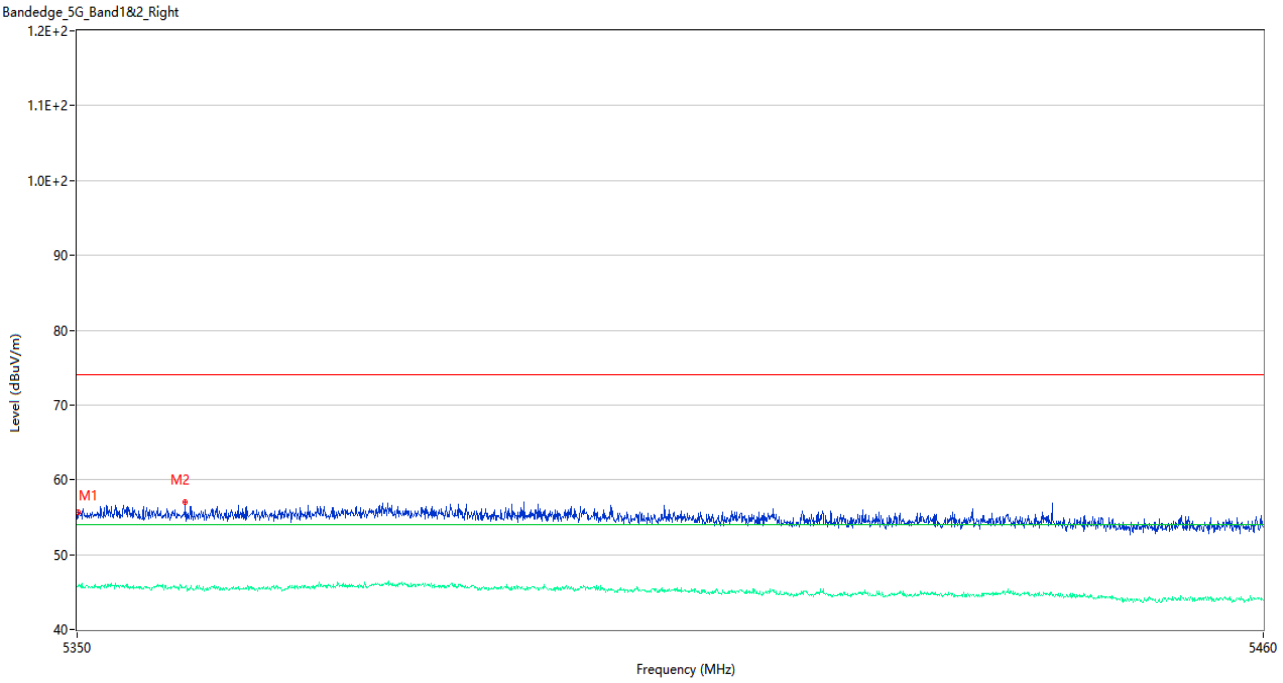
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.82	3.30	74.0	18.18	Peak	235.00	100	Horizontal	Pass
1**	5350.055	45.90	3.30	54.0	8.10	AV	235.00	100	Horizontal	Pass
2	5391.415	57.68	2.97	74.0	16.32	Peak	41.00	200	Horizontal	Pass
2**	5391.415	45.50	2.97	54.0	8.50	AV	41.00	200	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



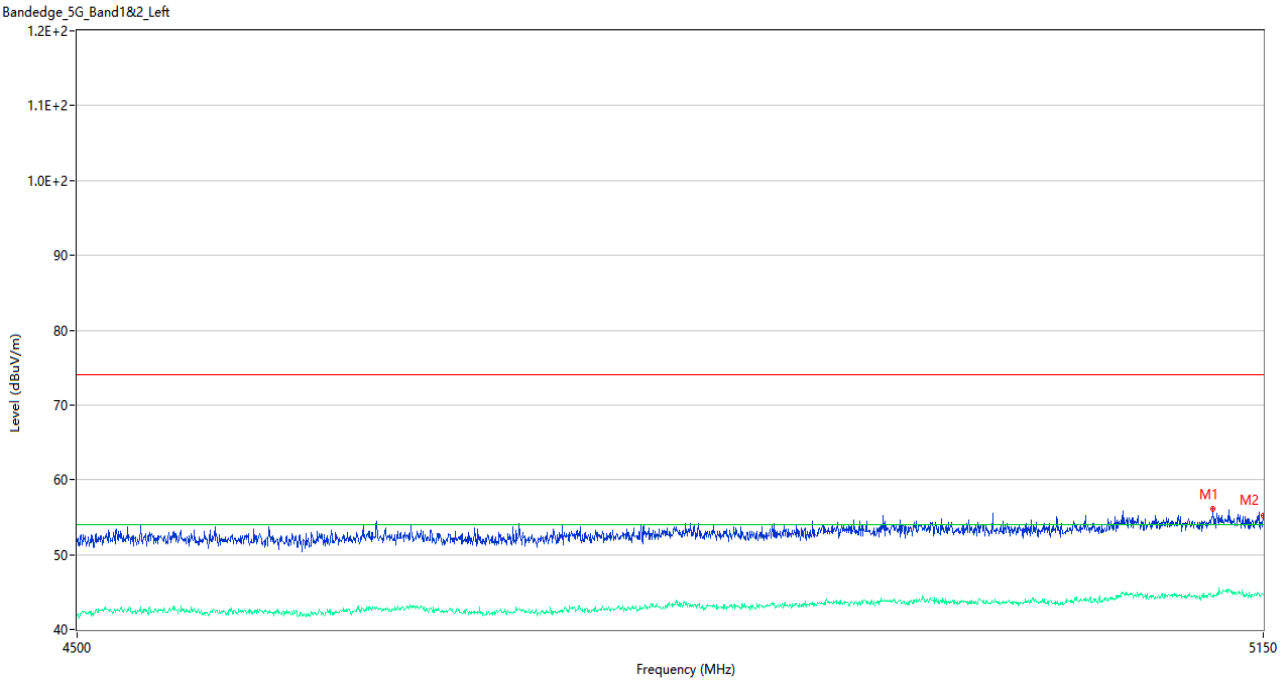
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	69.60	2.85	74.0	4.40	Peak	41.00	150	Horizontal	Pass
1**	5149.675	49.31	2.85	54.0	4.69	AV	41.00	150	Horizontal	Pass
2	5150.000	69.40	2.86	74.0	4.60	Peak	41.00	200	Horizontal	Pass
2**	5150.000	49.93	2.86	54.0	4.07	AV	41.00	200	Horizontal	Pass
3	5147.725	64.77	2.97	74.0	9.23	Peak	339.00	150	Horizontal	Pass
3**	5147.725	50.34	2.97	54.0	3.66	AV	339.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



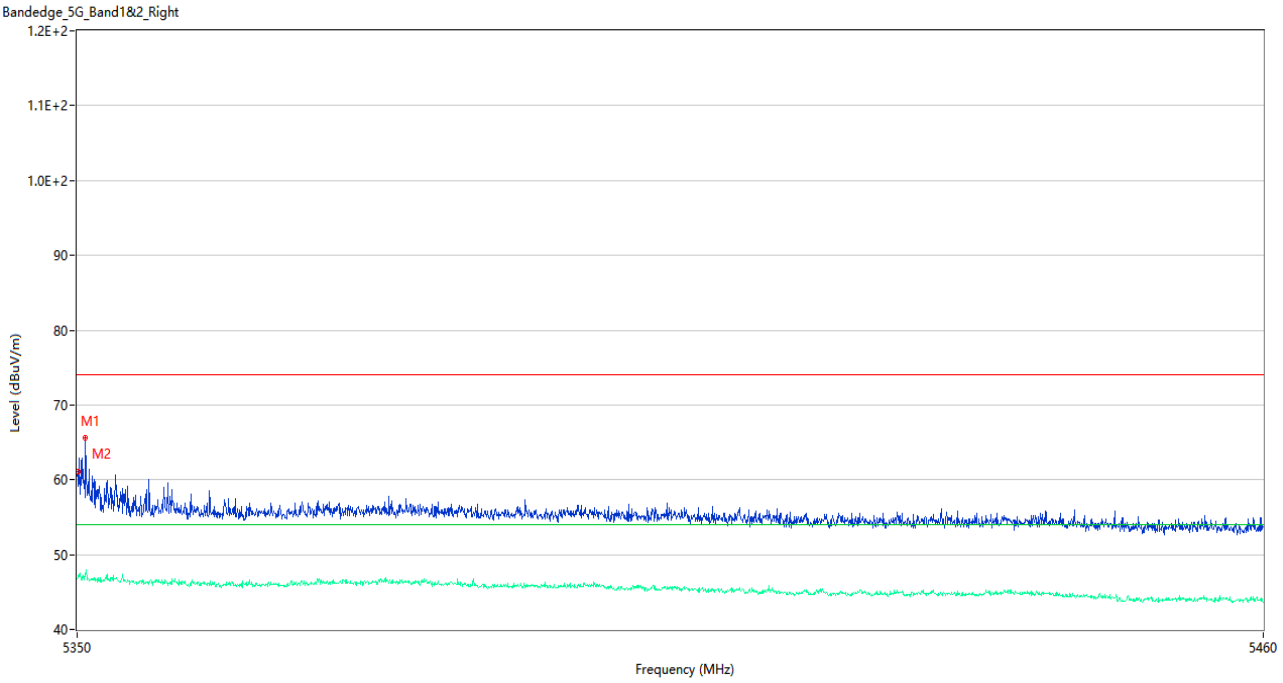
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.68	3.30	74.0	18.32	Peak	322.00	200	Horizontal	Pass
1**	5350.055	45.83	3.30	54.0	8.17	AV	322.00	200	Horizontal	Pass
2	5359.955	57.05	2.77	74.0	16.95	Peak	49.00	100	Horizontal	Pass
2**	5359.955	45.62	2.77	54.0	8.38	AV	49.00	100	Horizontal	Pass

U-NII-2A 11a Low Channel



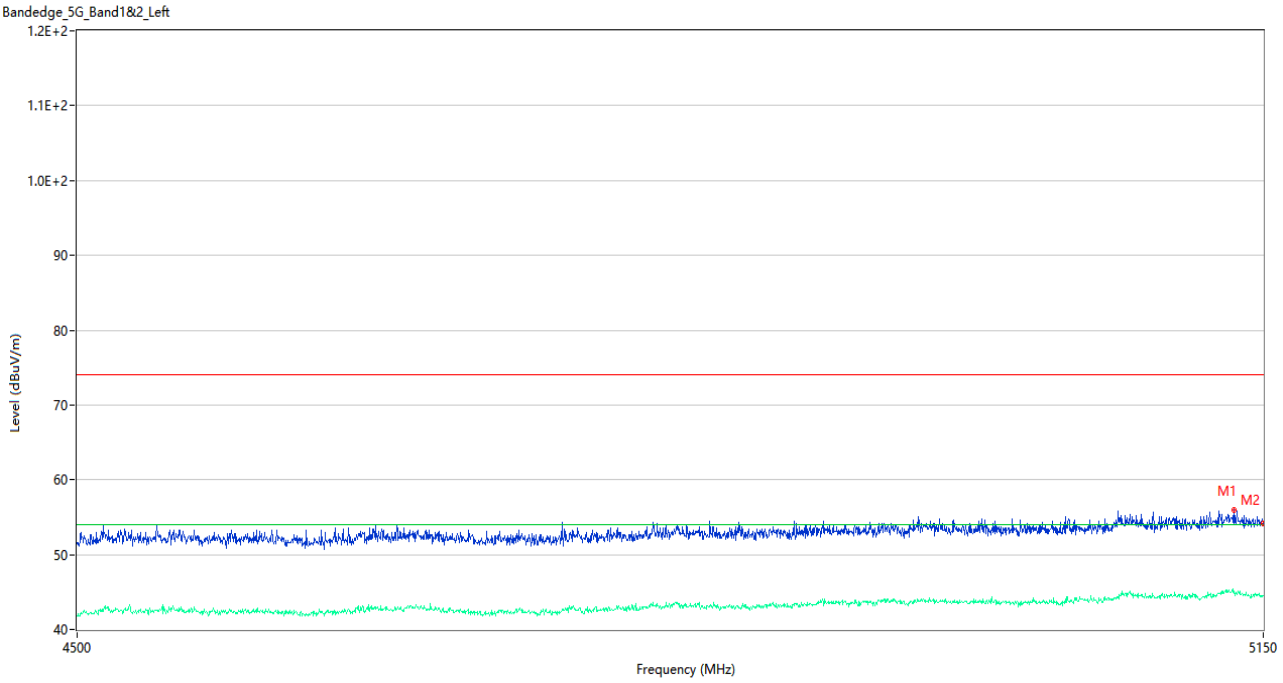
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5120.750	56.11	2.80	74.0	17.89	Peak	313.00	150	Horizontal	Pass
1**	5120.750	44.47	2.80	54.0	9.53	AV	313.00	150	Horizontal	Pass
2	5150.000	55.18	2.86	74.0	18.82	Peak	177.00	100	Horizontal	Pass
2**	5150.000	44.68	2.86	54.0	9.32	AV	177.00	100	Horizontal	Pass

U-NII-2A 11a High Channel



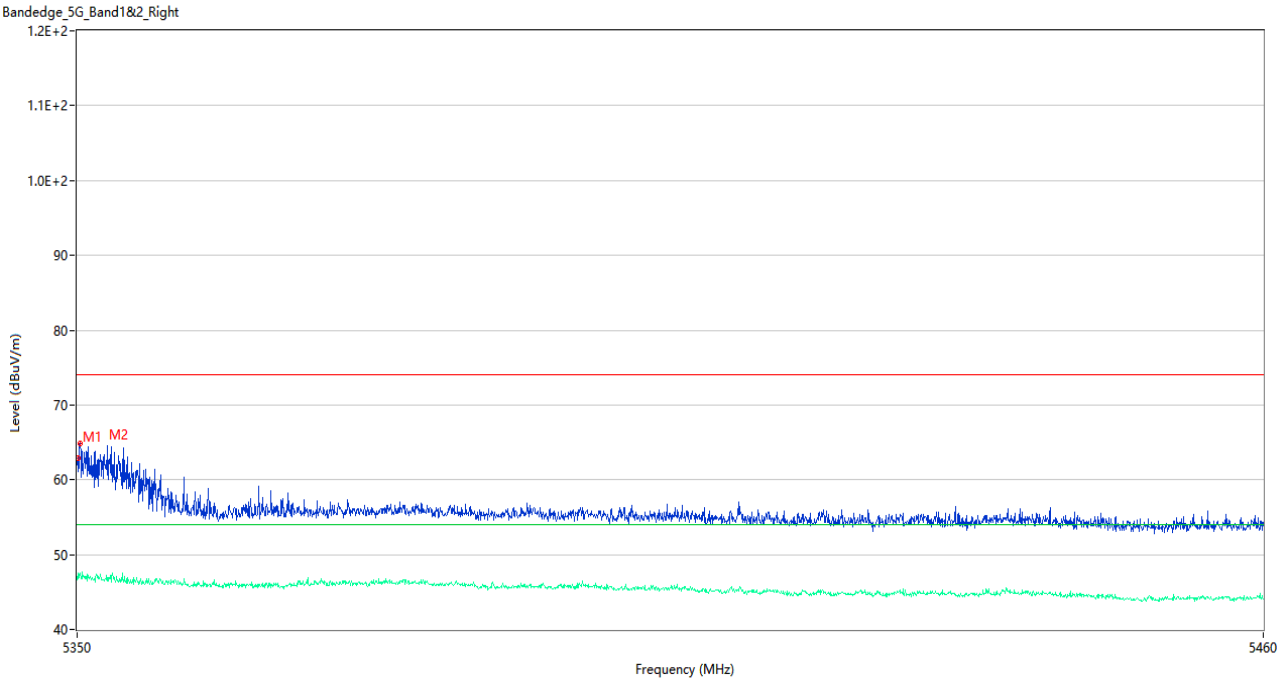
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	61.12	3.30	74.0	12.88	Peak	0.00	150	Horizontal	Pass
1**	5350.055	46.97	3.30	54.0	7.03	AV	0.00	150	Horizontal	Pass
2	5350.770	65.60	3.23	74.0	8.40	Peak	36.00	200	Horizontal	Pass
2**	5350.770	47.01	3.23	54.0	6.99	AV	36.00	200	Horizontal	Pass

U-NII-2A 11n20 Low Channel



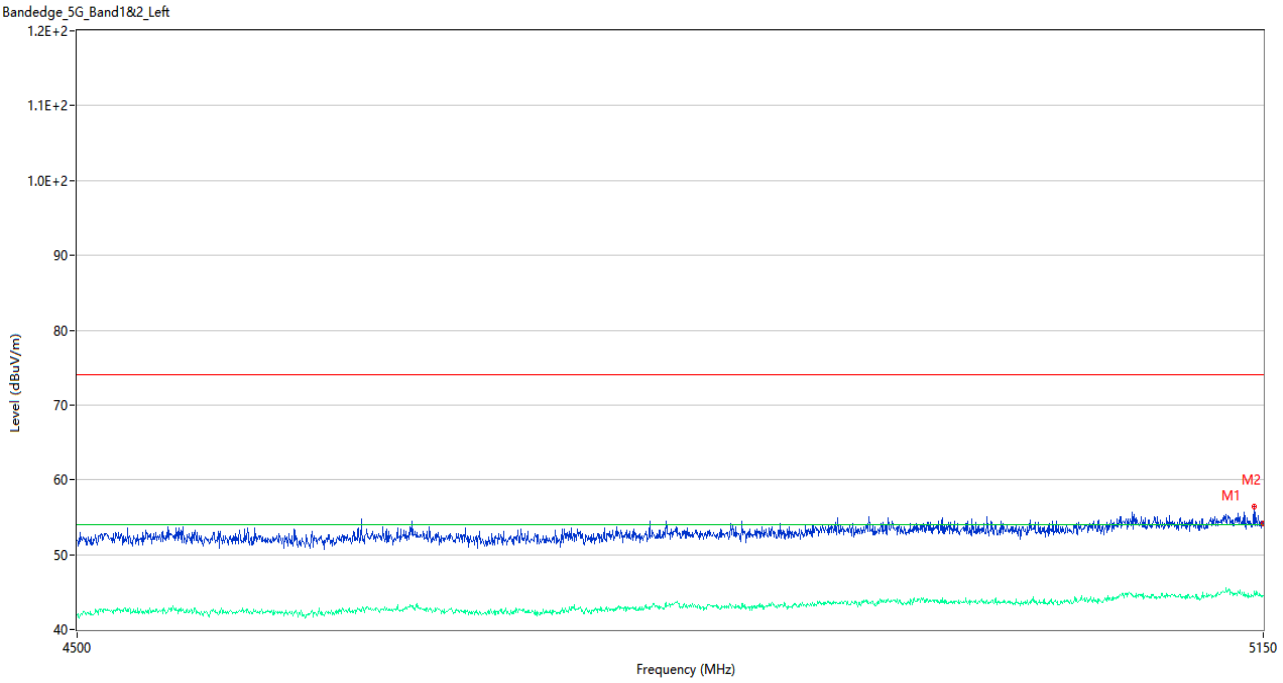
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5133.100	55.94	3.11	74.0	18.06	Peak	42.00	100	Horizontal	Pass
1**	5133.100	44.81	3.11	54.0	9.19	AV	42.00	100	Horizontal	Pass
2	5150.000	54.23	2.86	74.0	19.77	Peak	193.00	200	Horizontal	Pass
2**	5150.000	44.59	2.86	54.0	9.41	AV	193.00	200	Horizontal	Pass

U-NII-2A 11n20 High Channel



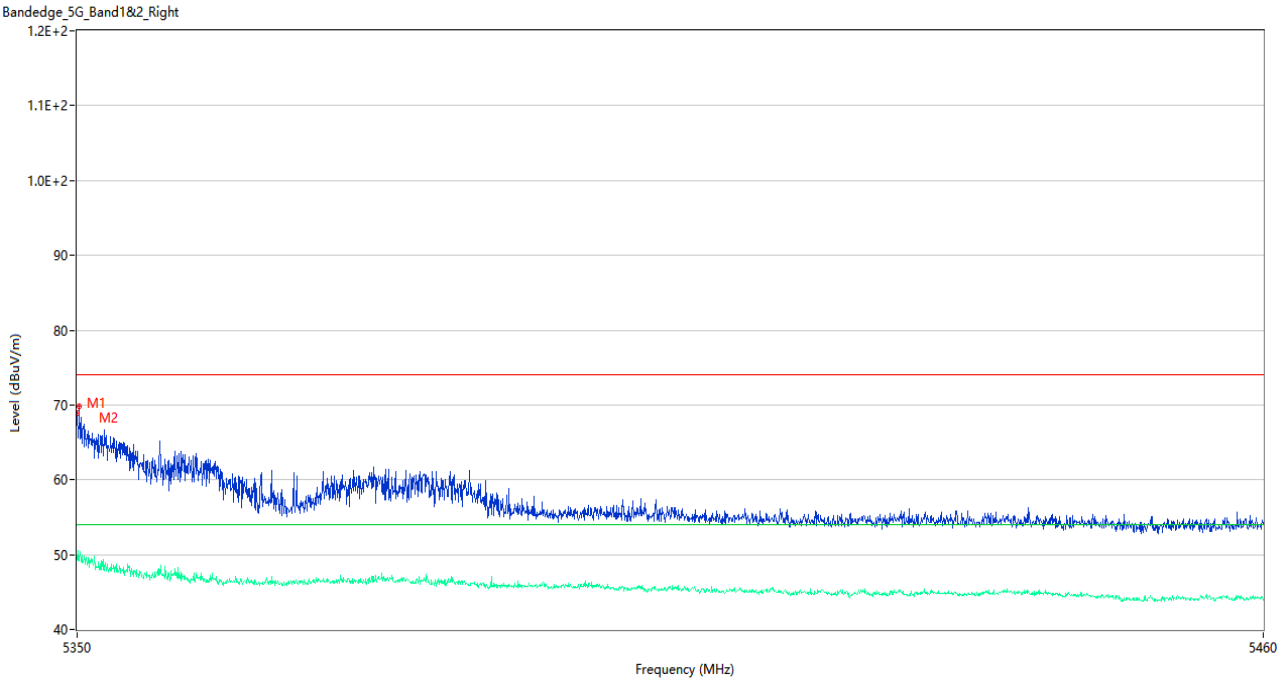
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	62.94	3.30	74.0	11.06	Peak	36.00	100	Horizontal	Pass
1**	5350.055	47.47	3.30	54.0	6.53	AV	36.00	100	Horizontal	Pass
2	5350.275	64.91	3.20	74.0	9.09	Peak	43.00	150	Horizontal	Pass
2**	5350.275	47.55	3.20	54.0	6.45	AV	43.00	150	Horizontal	Pass

U-NII-2A 11n40 Low Channel



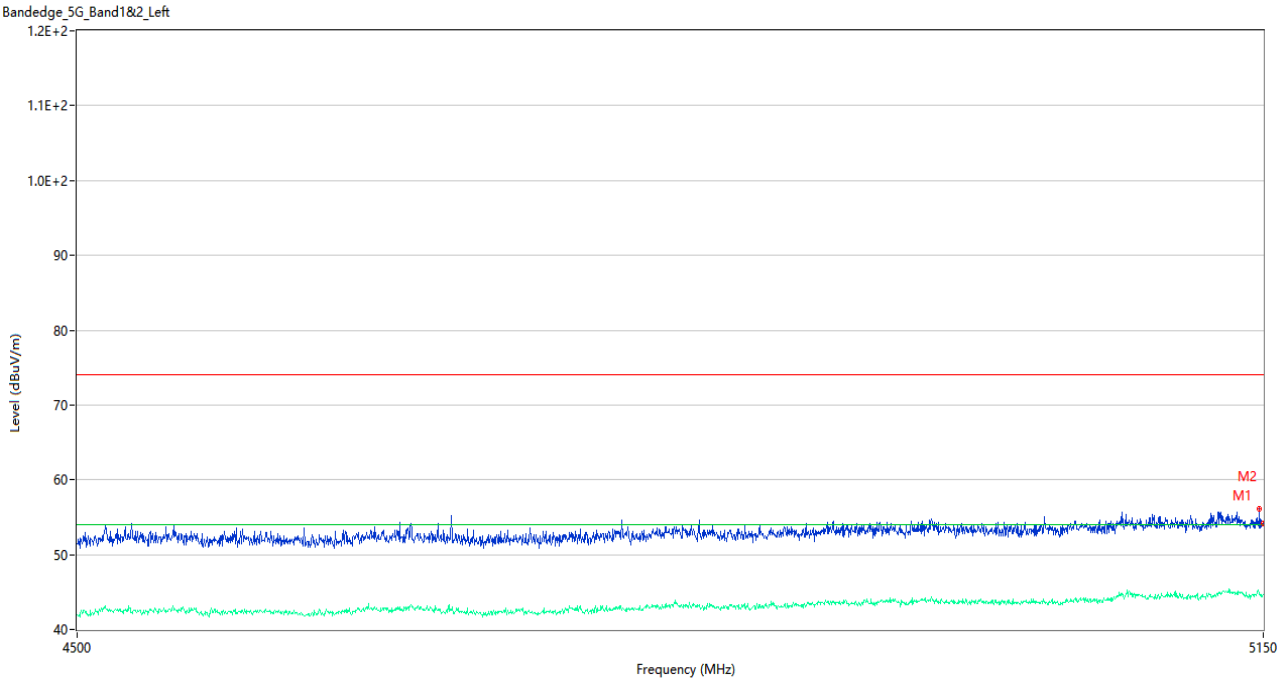
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5144.475	56.47	2.86	74.0	17.53	Peak	39.00	200	Horizontal	Pass
1**	5144.475	44.64	2.86	54.0	9.36	AV	39.00	200	Horizontal	Pass
2	5150.000	54.21	2.86	74.0	19.79	Peak	61.00	200	Horizontal	Pass
2**	5150.000	44.48	2.86	54.0	9.52	AV	61.00	200	Horizontal	Pass

U-NII-2A 11n40 High Channel



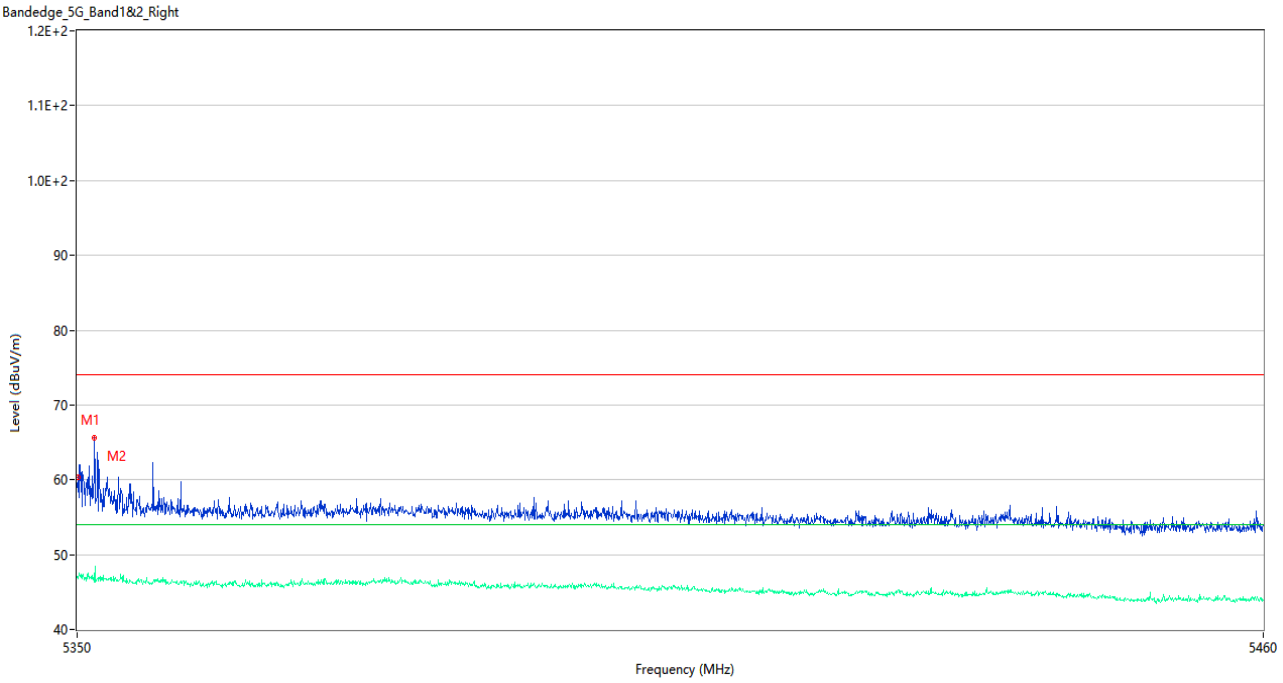
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	68.88	3.32	74.0	5.12	Peak	41.00	200	Horizontal	Pass
1**	5350.000	49.35	3.32	54.0	4.65	AV	41.00	200	Horizontal	Pass
2	5350.220	69.80	3.22	74.0	4.20	Peak	41.00	100	Horizontal	Pass
2**	5350.220	49.29	3.22	54.0	4.71	AV	41.00	100	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



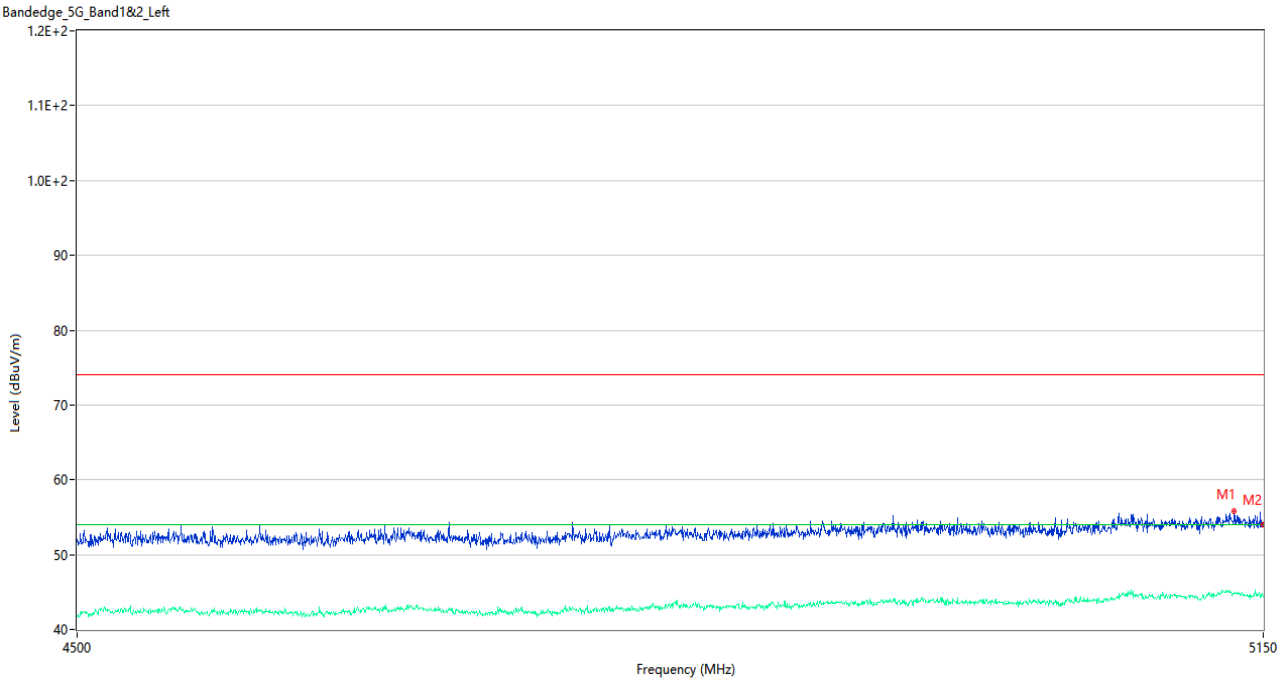
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.725	56.06	2.97	74.0	17.94	Peak	150.00	100	Horizontal	Pass
1**	5147.725	44.68	2.97	54.0	9.32	AV	150.00	100	Horizontal	Pass
2	5150.000	54.12	2.86	74.0	19.88	Peak	23.00	150	Horizontal	Pass
2**	5150.000	44.65	2.86	54.0	9.35	AV	23.00	150	Horizontal	Pass

U-NII-2A 11ac20 High Channel



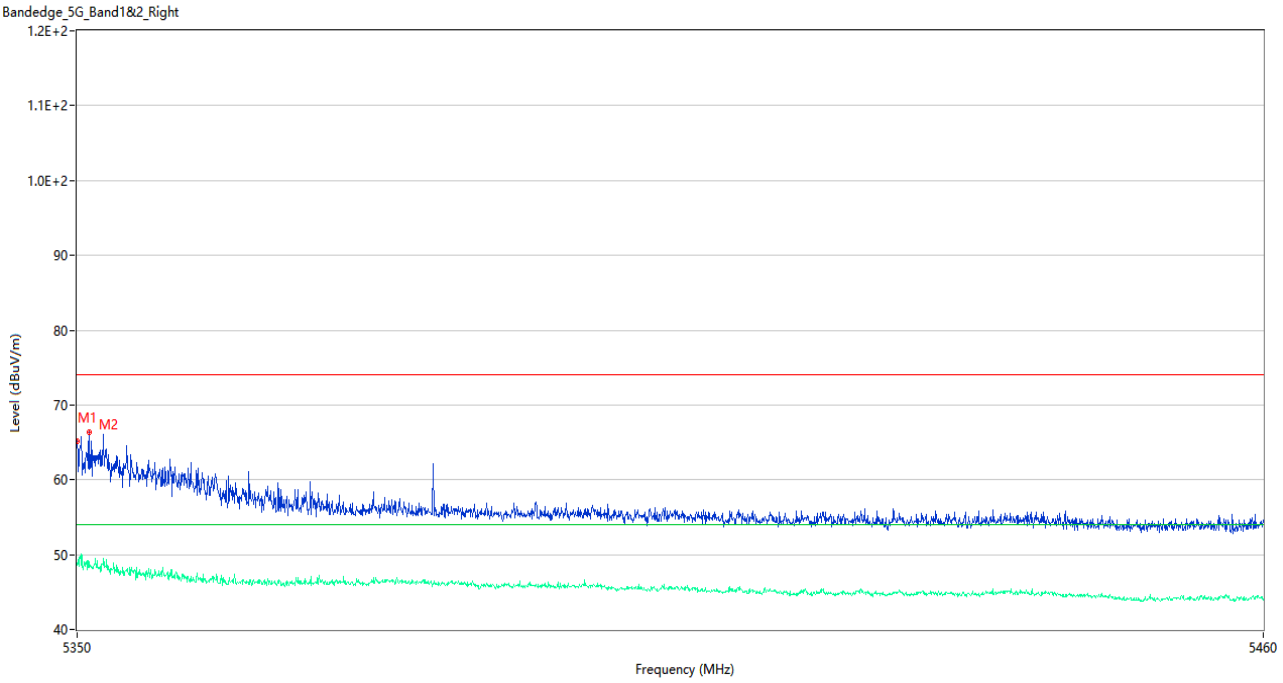
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	60.32	3.30	74.0	13.68	Peak	360.00	100	Horizontal	Pass
1**	5350.055	46.83	3.30	54.0	7.17	AV	360.00	100	Horizontal	Pass
2	5351.595	65.67	3.07	74.0	8.33	Peak	40.00	100	Horizontal	Pass
2**	5351.595	46.73	3.07	54.0	7.27	AV	40.00	100	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



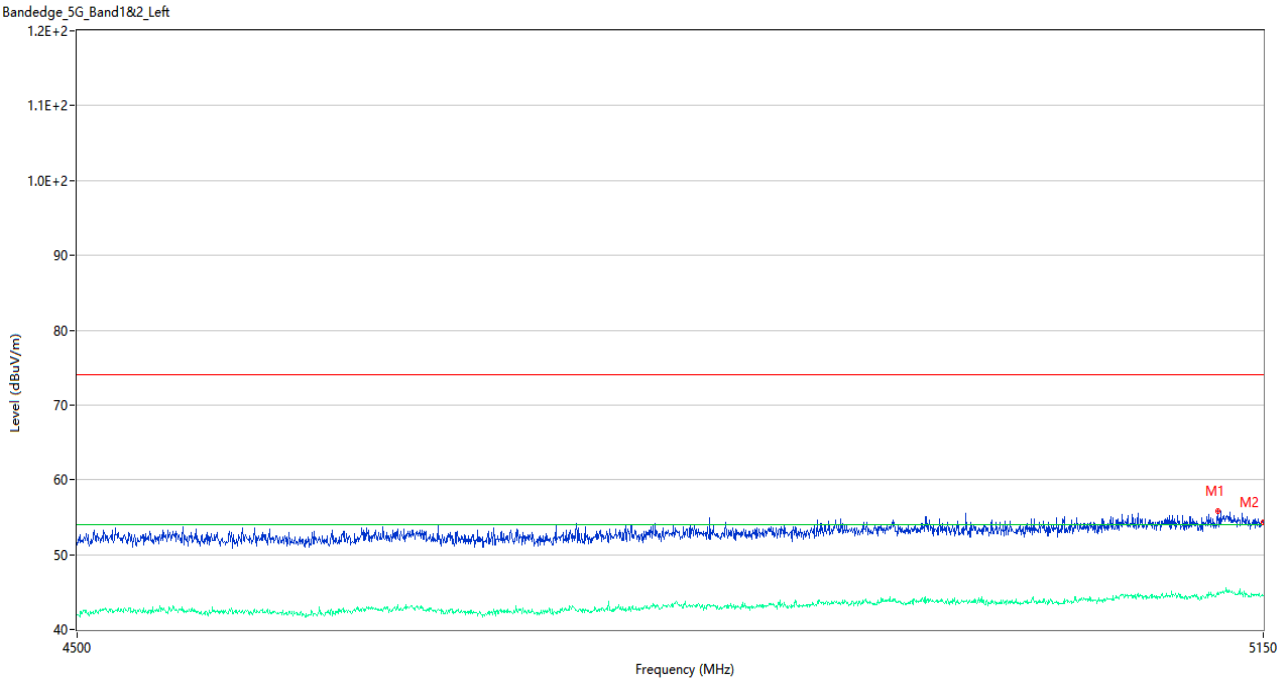
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5133.100	55.83	3.11	74.0	18.17	Peak	196.00	150	Horizontal	Pass
1**	5133.100	44.84	3.11	54.0	9.16	AV	196.00	150	Horizontal	Pass
2	5150.000	54.05	2.86	74.0	19.95	Peak	103.00	100	Horizontal	Pass
2**	5150.000	44.43	2.86	54.0	9.57	AV	103.00	100	Horizontal	Pass

U-NII-2A 11ac40 High Channel



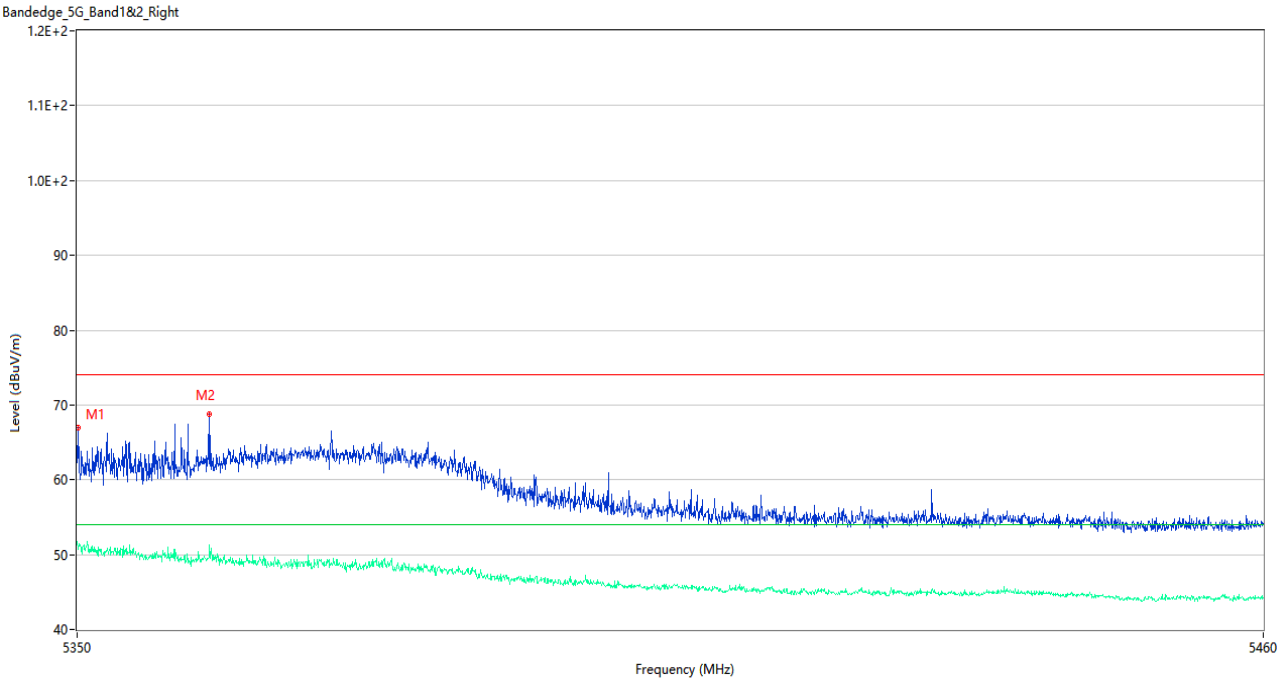
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	65.16	3.32	74.0	8.84	Peak	32.00	100	Horizontal	Pass
1**	5350.000	48.61	3.32	54.0	5.39	AV	32.00	100	Horizontal	Pass
2	5351.100	66.44	3.15	74.0	7.56	Peak	43.00	150	Horizontal	Pass
2**	5351.100	48.27	3.15	54.0	5.73	AV	43.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



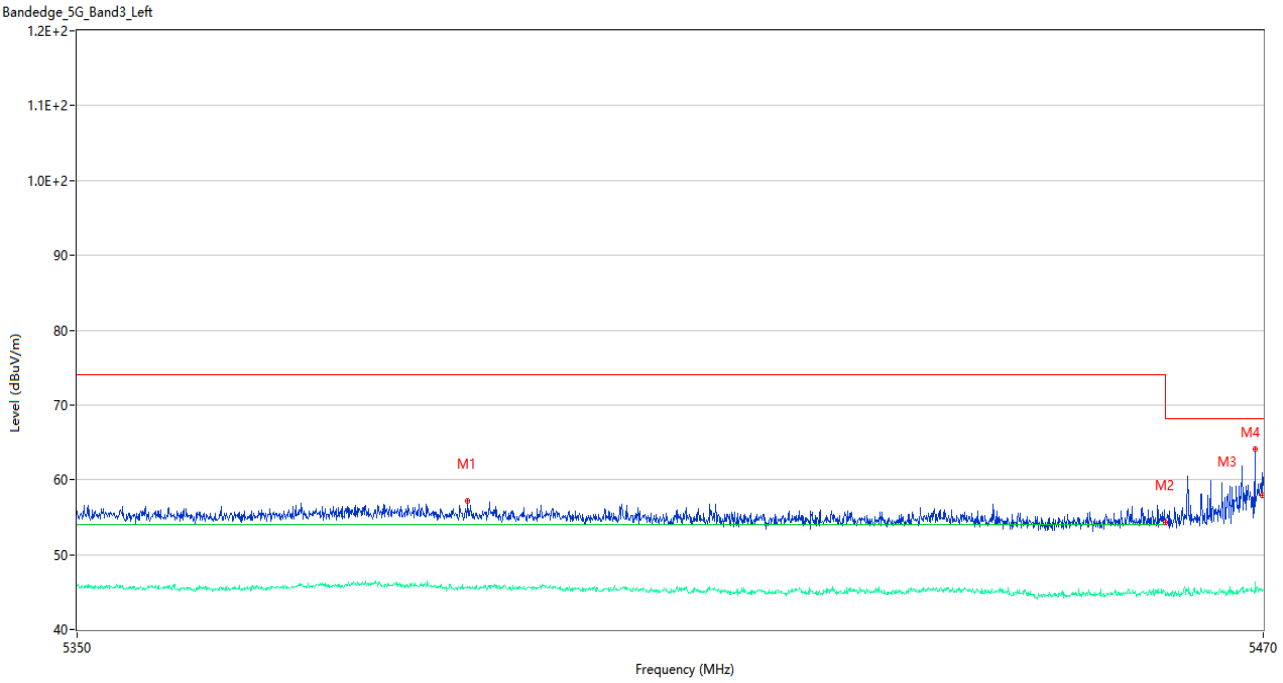
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5123.350	55.86	3.05	74.0	18.14	Peak	9.00	150	Horizontal	Pass
1**	5123.350	44.94	3.05	54.0	9.06	AV	9.00	150	Horizontal	Pass
2	5150.000	54.36	2.86	74.0	19.64	Peak	68.00	150	Horizontal	Pass
2**	5150.000	44.53	2.86	54.0	9.47	AV	68.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



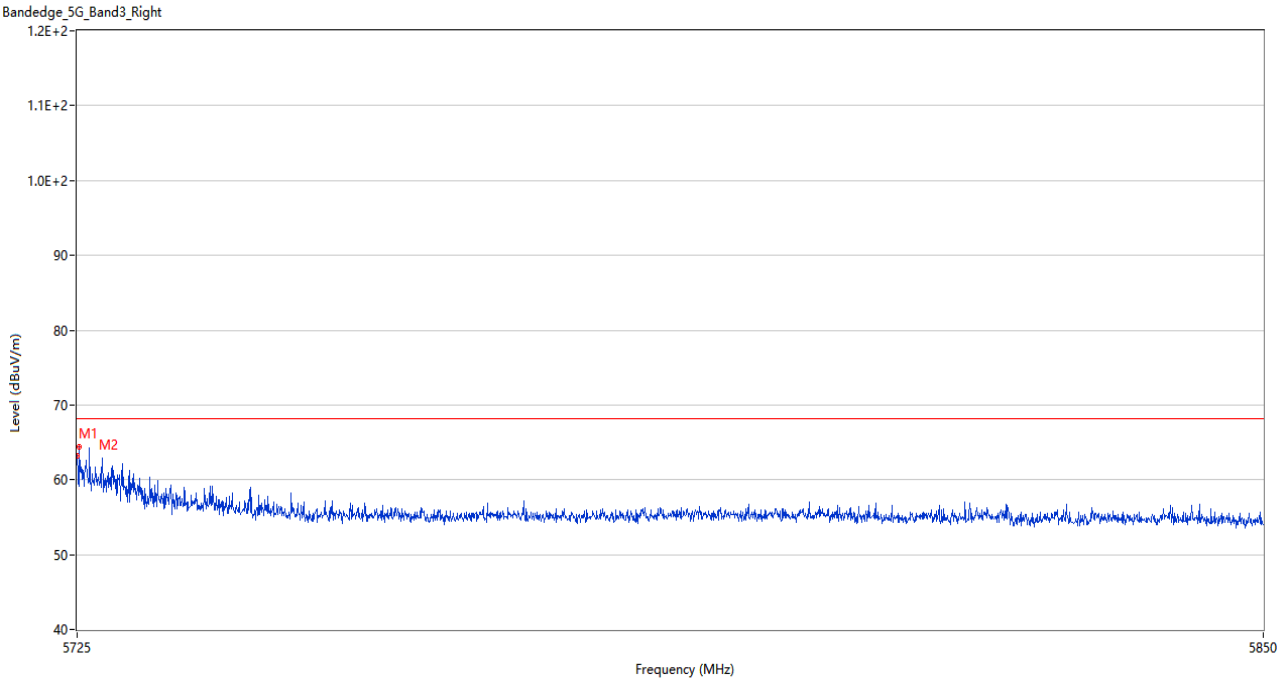
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	66.93	3.30	74.0	7.07	Peak	14.00	100	Horizontal	Pass
1**	5350.055	50.71	3.30	54.0	3.29	AV	14.00	100	Horizontal	Pass
2	5362.100	68.76	2.69	74.0	5.24	Peak	36.00	100	Horizontal	Pass
2**	5362.100	49.64	2.69	54.0	4.36	AV	36.00	100	Horizontal	Pass

U-NII-2C 11a Low Channel



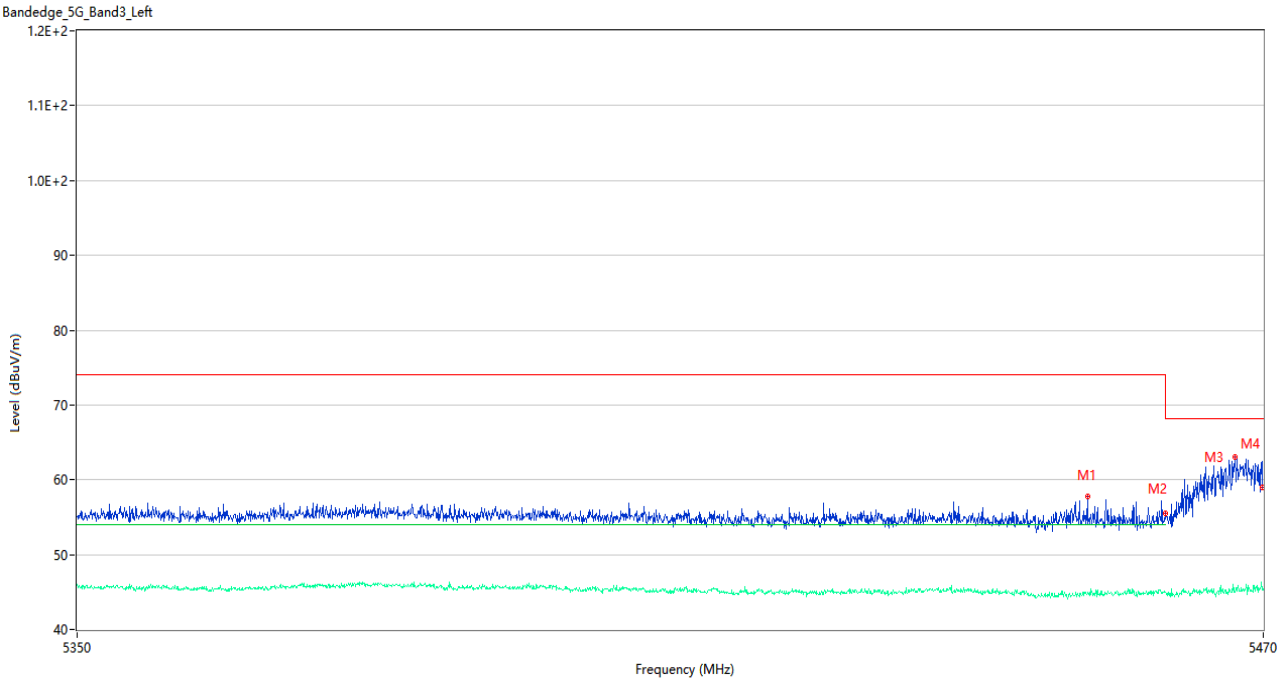
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5389.240	57.16	2.94	74.0	16.84	Peak	342.00	150	Horizontal	Pass
1**	5389.240	45.67	2.94	54.0	8.33	AV	342.00	150	Horizontal	Pass
2	5459.980	54.27	3.49	74.0	19.73	Peak	162.00	100	Horizontal	Pass
2**	5459.980	44.96	3.49	54.0	9.04	AV	162.00	100	Horizontal	Pass
3	5469.160	64.03	3.18	68.2	4.17	Peak	43.00	200	Horizontal	Pass
3**	5469.160	45.03	3.18	--	--	AV	43.00	200	Horizontal	N/A
4	5469.940	57.95	3.29	68.2	10.25	Peak	36.00	200	Horizontal	Pass
4**	5469.940	45.33	3.29	--	--	AV	36.00	200	Horizontal	N/A

U-NII-2C 11a High Channel



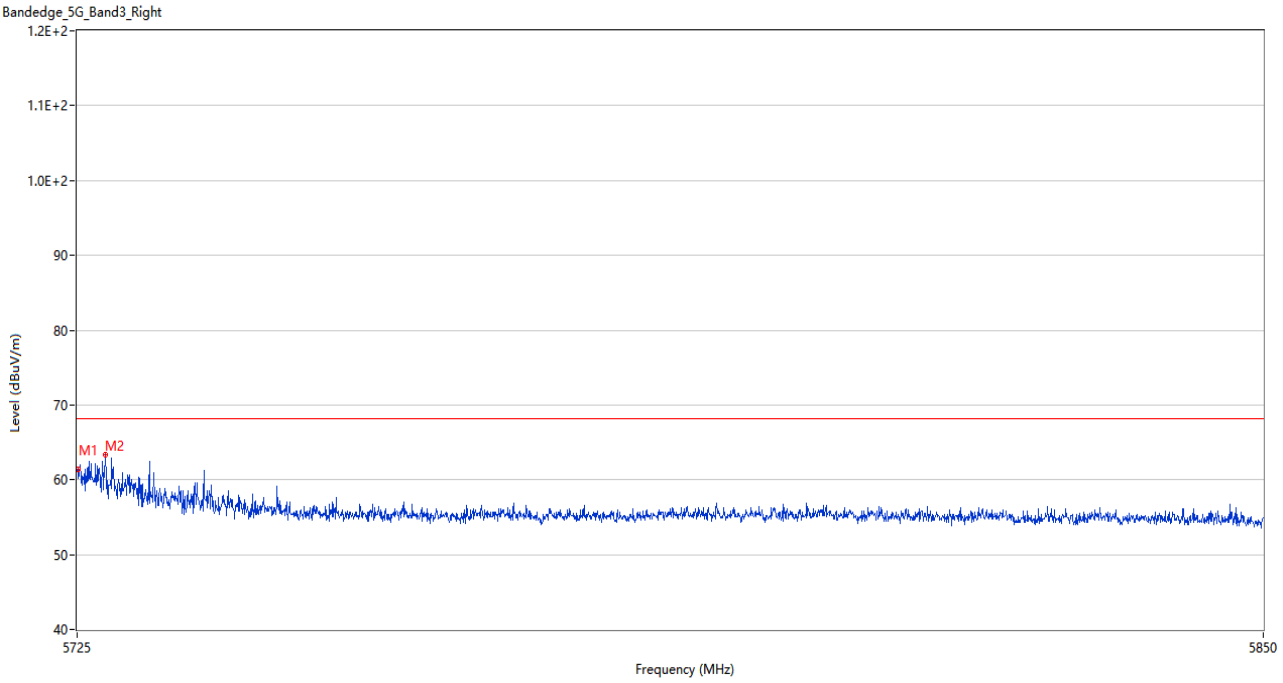
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.27	3.51	68.2	4.93	Peak	0.00	100	Horizontal	Pass
2	5725.250	64.37	3.24	68.2	3.83	Peak	0.00	200	Horizontal	Pass

U-NII-2C 11n20 Low Channel



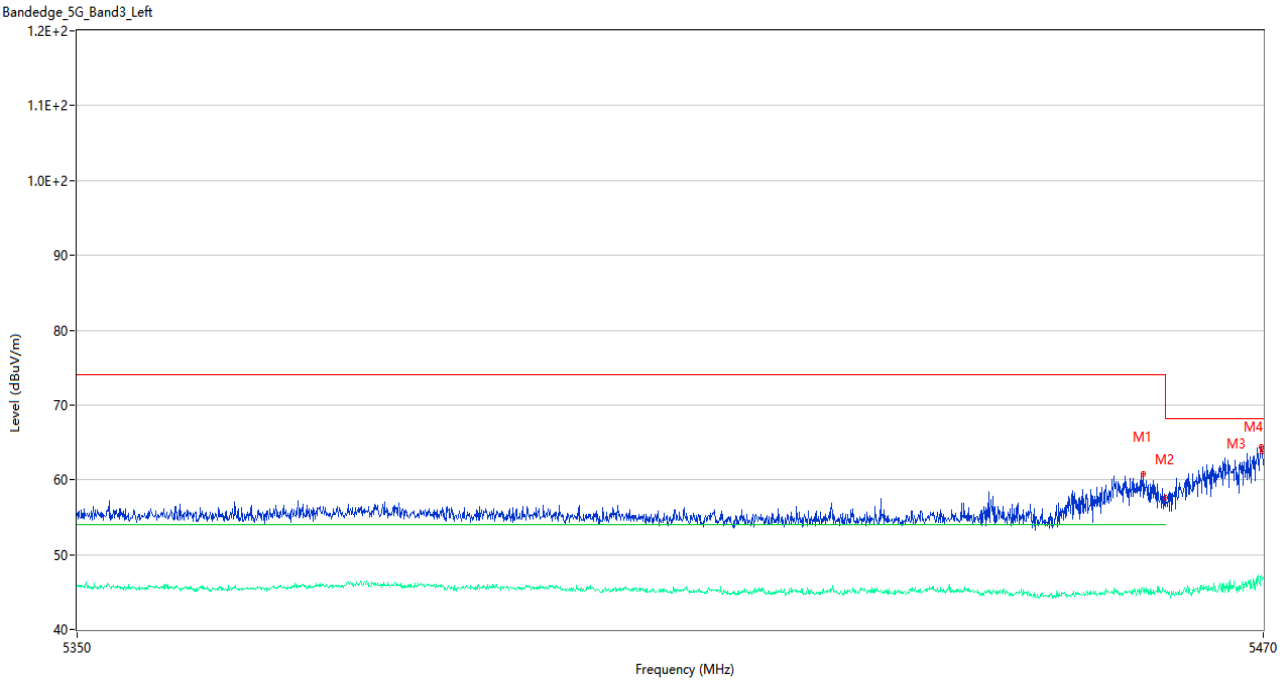
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5452.060	57.73	3.43	74.0	16.27	Peak	40.00	200	Horizontal	Pass
1**	5452.060	44.83	3.43	54.0	9.17	AV	40.00	200	Horizontal	Pass
2	5459.980	55.57	3.49	74.0	18.43	Peak	121.00	150	Horizontal	Pass
2**	5459.980	44.92	3.49	54.0	9.08	AV	121.00	150	Horizontal	Pass
3	5467.120	63.04	3.14	68.2	5.16	Peak	11.00	100	Horizontal	Pass
3**	5467.120	45.04	3.14	--	--	AV	11.00	100	Horizontal	N/A
4	5469.940	58.97	3.29	68.2	9.23	Peak	94.00	100	Horizontal	Pass
4**	5469.940	45.73	3.29	--	--	AV	94.00	100	Horizontal	N/A

U-NII-2C 11n20 High Channel



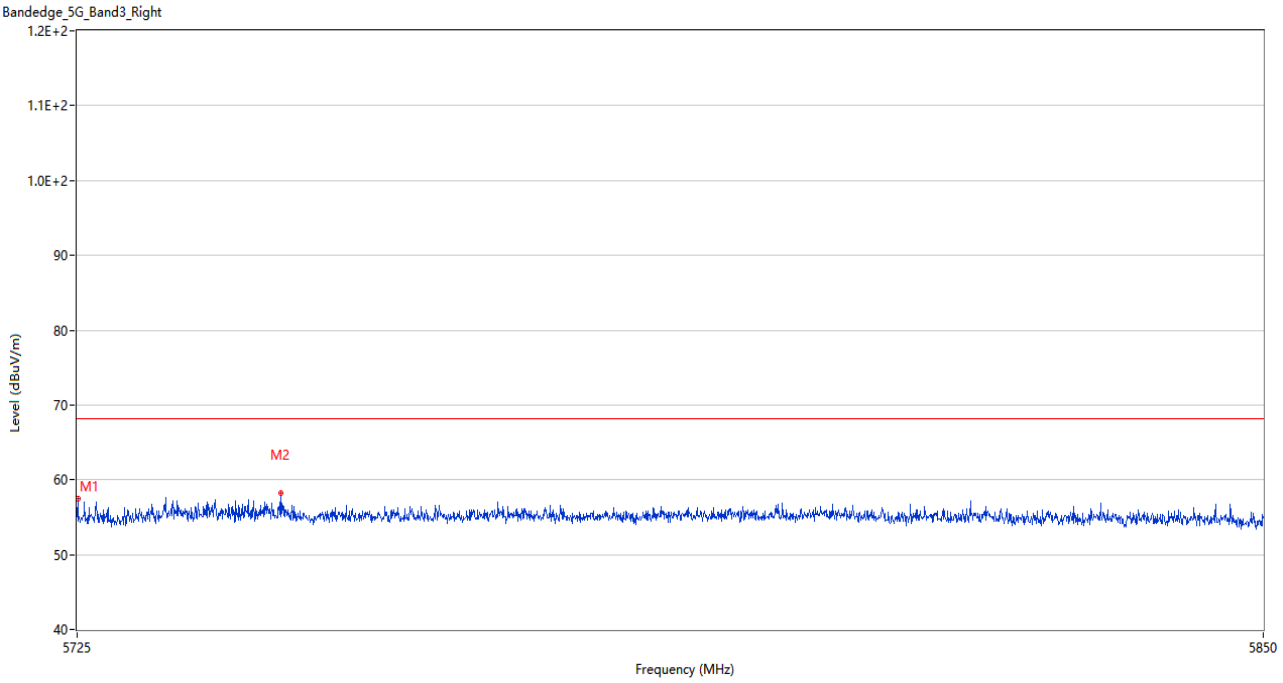
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	61.46	3.44	68.2	6.74	Peak	0.00	200	Horizontal	Pass
2	5727.938	63.34	3.57	68.2	4.86	Peak	181.00	100	Horizontal	Pass

U-NII-2C 11n40 Low Channel



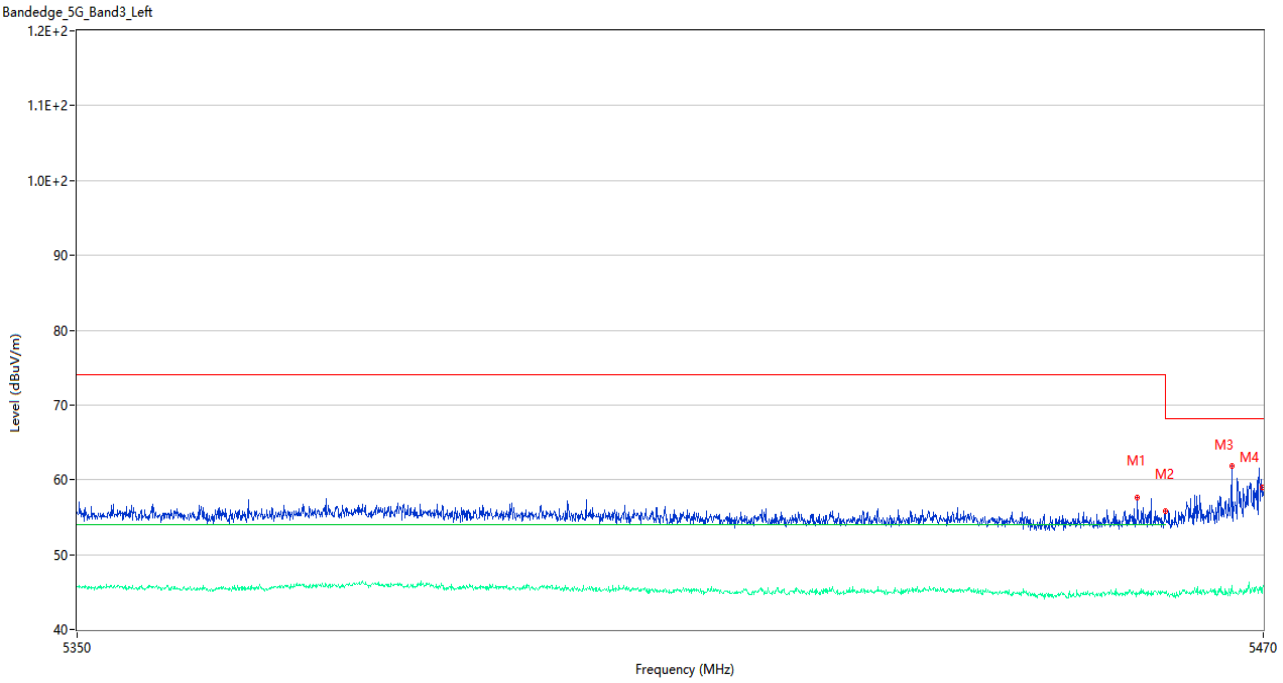
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.700	60.76	3.49	74.0	13.24	Peak	8.00	200	Horizontal	Pass
1**	5457.700	45.07	3.49	54.0	8.93	AV	8.00	200	Horizontal	Pass
2	5459.980	57.69	3.49	74.0	16.31	Peak	8.00	150	Horizontal	Pass
2**	5459.980	45.08	3.49	54.0	8.92	AV	8.00	150	Horizontal	Pass
3	5469.820	64.36	3.28	68.2	3.84	Peak	34.00	100	Horizontal	Pass
3**	5469.820	47.30	3.28	--	--	AV	34.00	100	Horizontal	N/A
4	5469.940	63.78	3.29	68.2	4.42	Peak	8.00	100	Horizontal	Pass
4**	5469.940	46.63	3.29	--	--	AV	8.00	100	Horizontal	N/A

U-NII-2C 11n40 High Channel



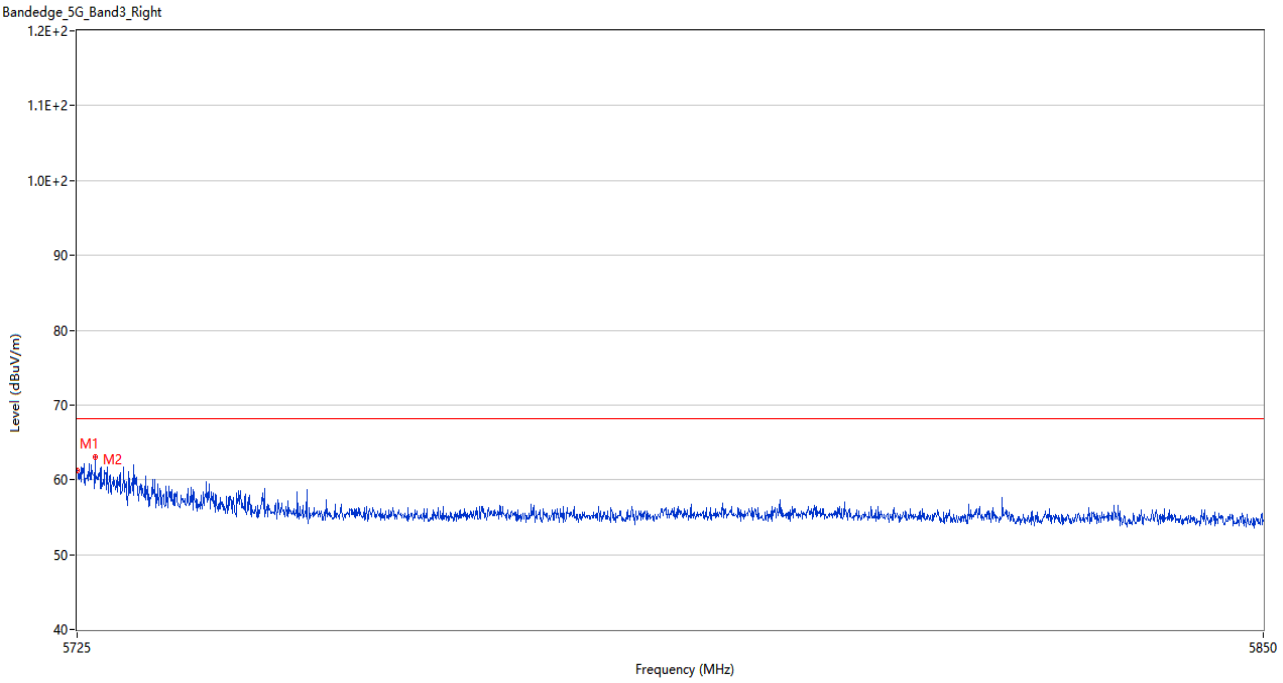
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	57.40	3.44	68.2	10.80	Peak	36.00	200	Horizontal	Pass
2	5746.250	58.28	3.99	68.2	9.92	Peak	36.00	150	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



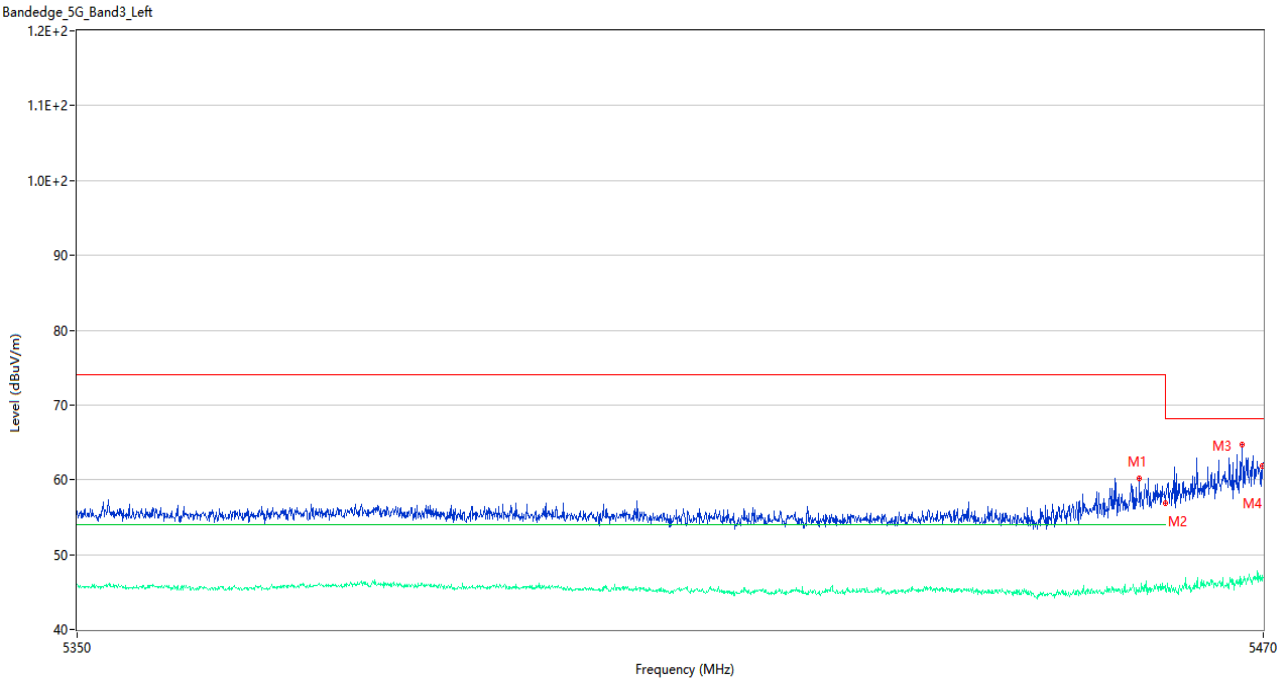
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.160	57.63	3.25	74.0	16.37	Peak	44.00	100	Horizontal	Pass
1**	5457.160	44.61	3.25	54.0	9.39	AV	44.00	100	Horizontal	Pass
2	5459.980	55.77	3.49	74.0	18.23	Peak	280.00	200	Horizontal	Pass
2**	5459.980	44.75	3.49	54.0	9.25	AV	280.00	200	Horizontal	Pass
3	5466.760	61.88	3.26	68.2	6.32	Peak	22.00	150	Horizontal	Pass
3**	5466.760	45.89	3.26	--	--	AV	22.00	150	Horizontal	N/A
4	5469.940	59.01	3.29	68.2	9.19	Peak	36.00	150	Horizontal	Pass
4**	5469.940	45.38	3.29	--	--	AV	36.00	150	Horizontal	N/A

U-NII-2C 11ac20 High Channel



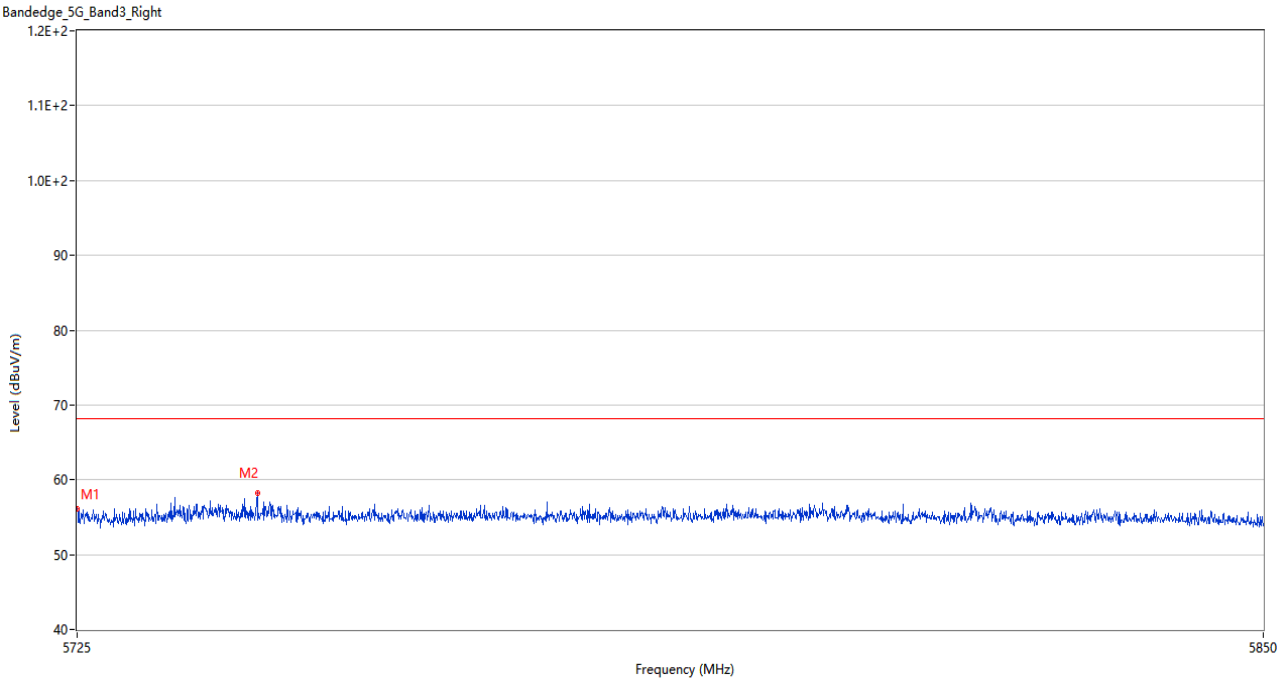
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.23	3.51	68.2	6.97	Peak	38.00	100	Horizontal	Pass
2	5726.875	63.02	3.77	68.2	5.18	Peak	13.00	200	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



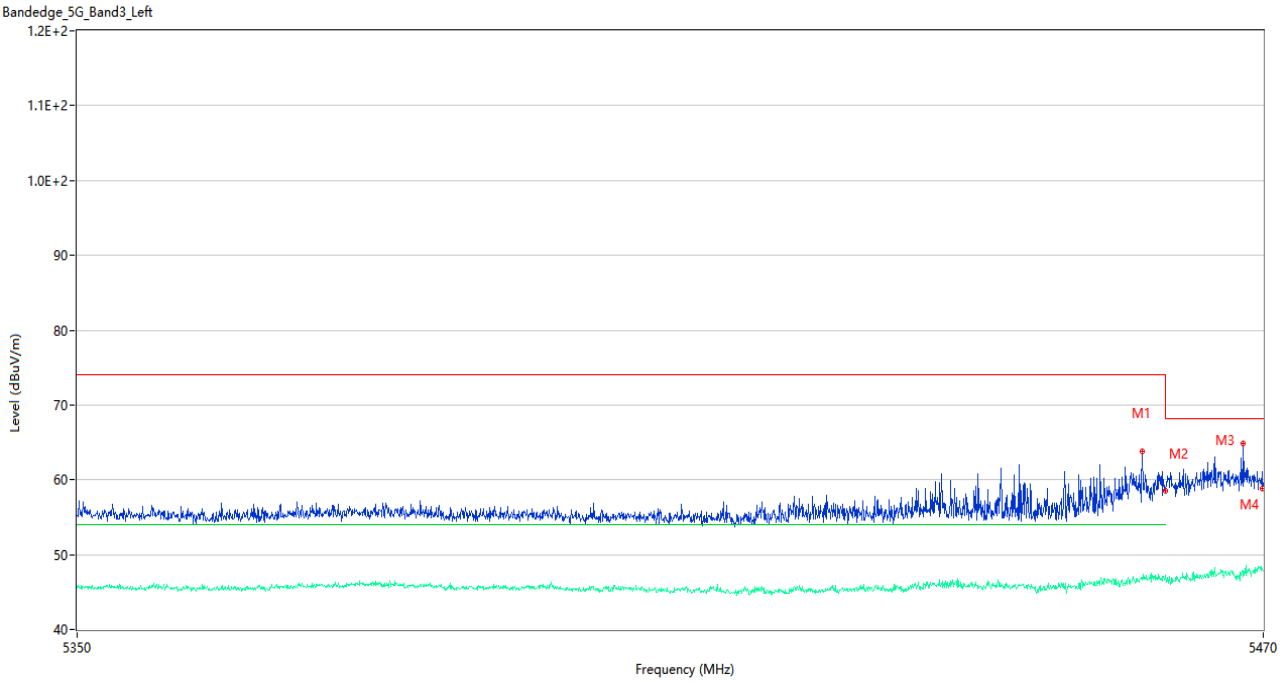
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.340	60.25	3.36	74.0	13.75	Peak	41.00	150	Horizontal	Pass
1**	5457.340	45.10	3.36	54.0	8.90	AV	41.00	150	Horizontal	Pass
2	5459.980	56.93	3.49	74.0	17.07	Peak	116.00	100	Horizontal	Pass
2**	5459.980	45.87	3.49	54.0	8.13	AV	116.00	100	Horizontal	Pass
3	5467.840	64.69	3.26	68.2	3.51	Peak	45.00	150	Horizontal	Pass
3**	5467.840	46.01	3.26	--	--	AV	45.00	150	Horizontal	N/A
4	5469.940	61.82	3.29	68.2	6.38	Peak	16.00	150	Horizontal	Pass
4**	5469.940	47.20	3.29	--	--	AV	16.00	150	Horizontal	N/A

U-NII-2C 11ac40 High Channel



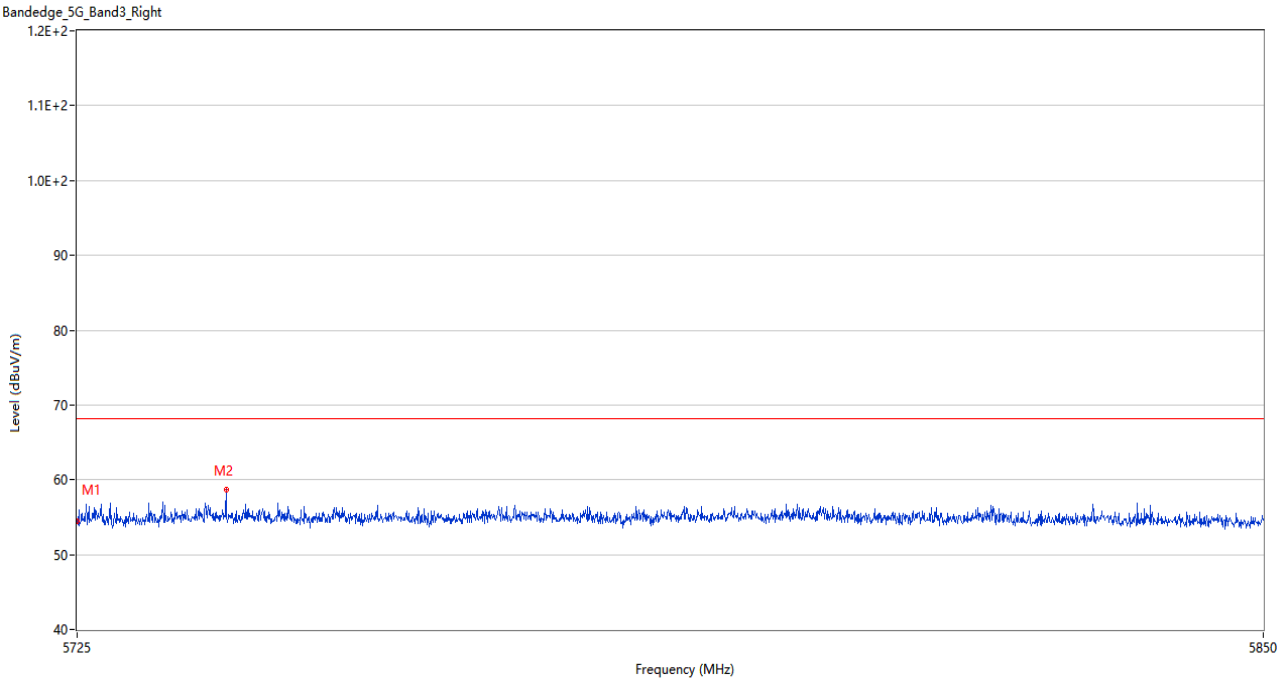
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.11	3.51	68.2	12.09	Peak	176.00	200	Horizontal	Pass
2	5743.813	58.17	3.71	68.2	10.03	Peak	37.00	200	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



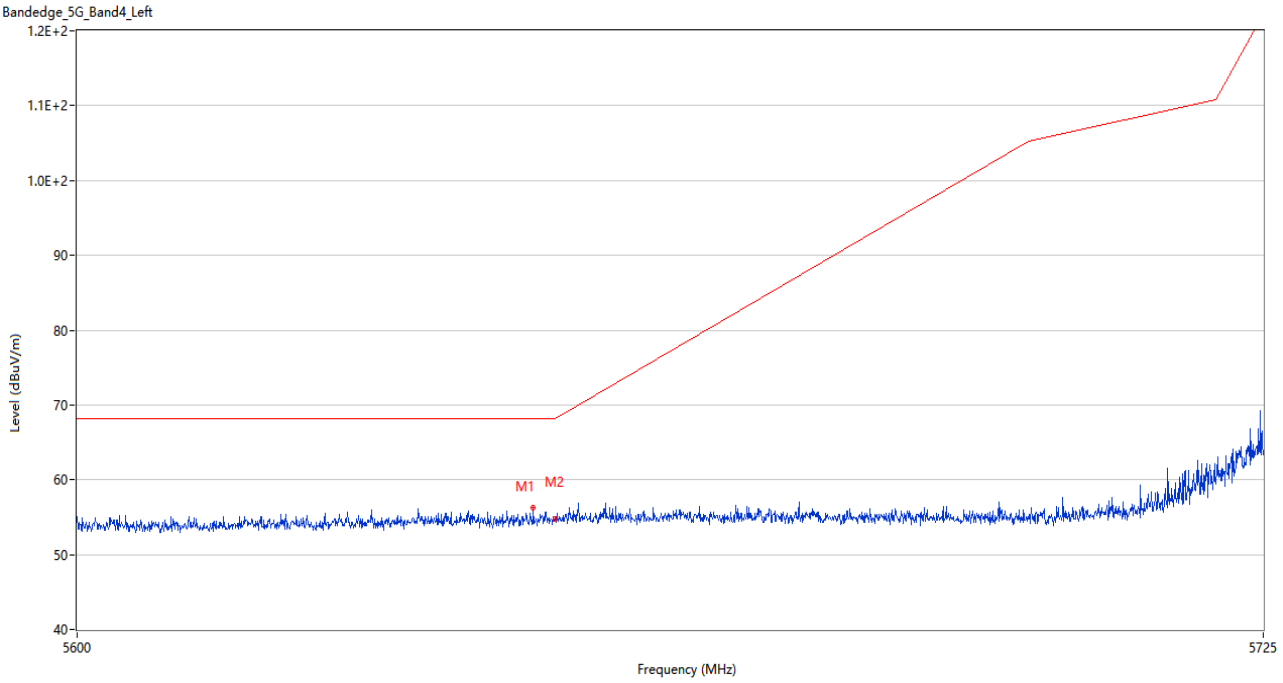
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.640	63.87	3.49	74.0	10.13	Peak	36.00	100	Horizontal	Pass
1**	5457.640	46.63	3.49	54.0	7.37	AV	36.00	100	Horizontal	Pass
2	5459.980	58.57	3.49	74.0	15.43	Peak	18.00	200	Horizontal	Pass
2**	5459.980	46.78	3.49	54.0	7.22	AV	18.00	200	Horizontal	Pass
3	5467.960	64.85	3.29	68.2	3.35	Peak	43.00	150	Horizontal	Pass
3**	5467.960	47.16	3.29	--	--	AV	43.00	150	Horizontal	N/A
4	5469.940	58.78	3.29	68.2	9.42	Peak	18.00	100	Horizontal	Pass
4**	5469.940	48.18	3.29	--	--	AV	18.00	100	Horizontal	N/A

U-NII-2C 11ac80 High Channel



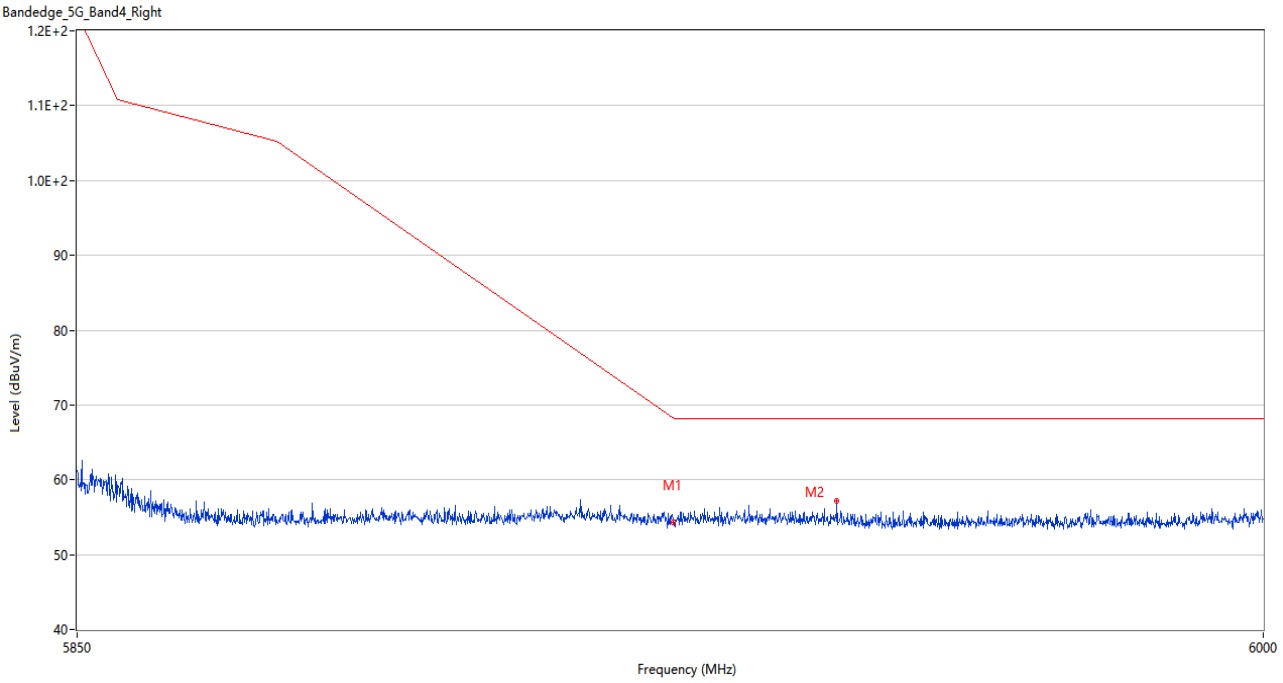
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.40	3.51	68.2	13.80	Peak	29.00	150	Horizontal	Pass
2	5740.562	58.64	3.88	68.2	9.56	Peak	37.00	150	Horizontal	Pass

U-NII-3 11a Low Channel



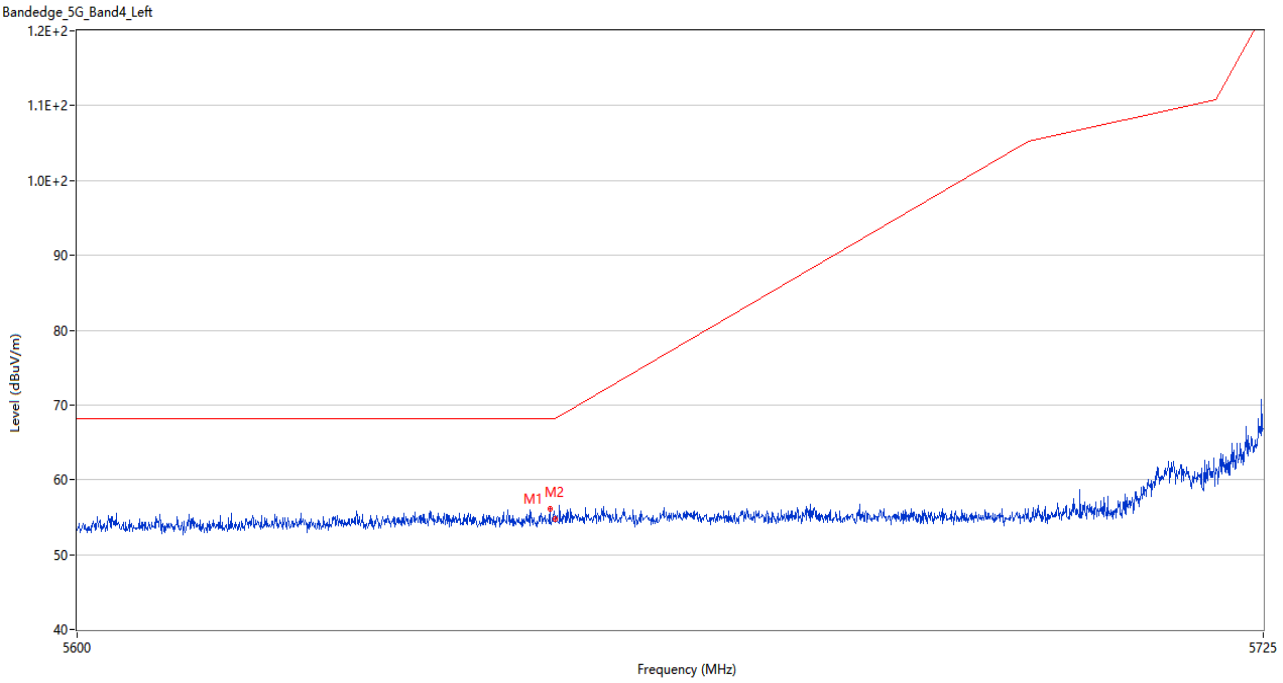
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.750	56.28	3.34	68.2	11.92	Peak	231.00	200	Horizontal	Pass
2	5650.000	54.76	3.72	68.2	13.44	Peak	302.00	200	Horizontal	Pass

U-NII-3 11a High Channel



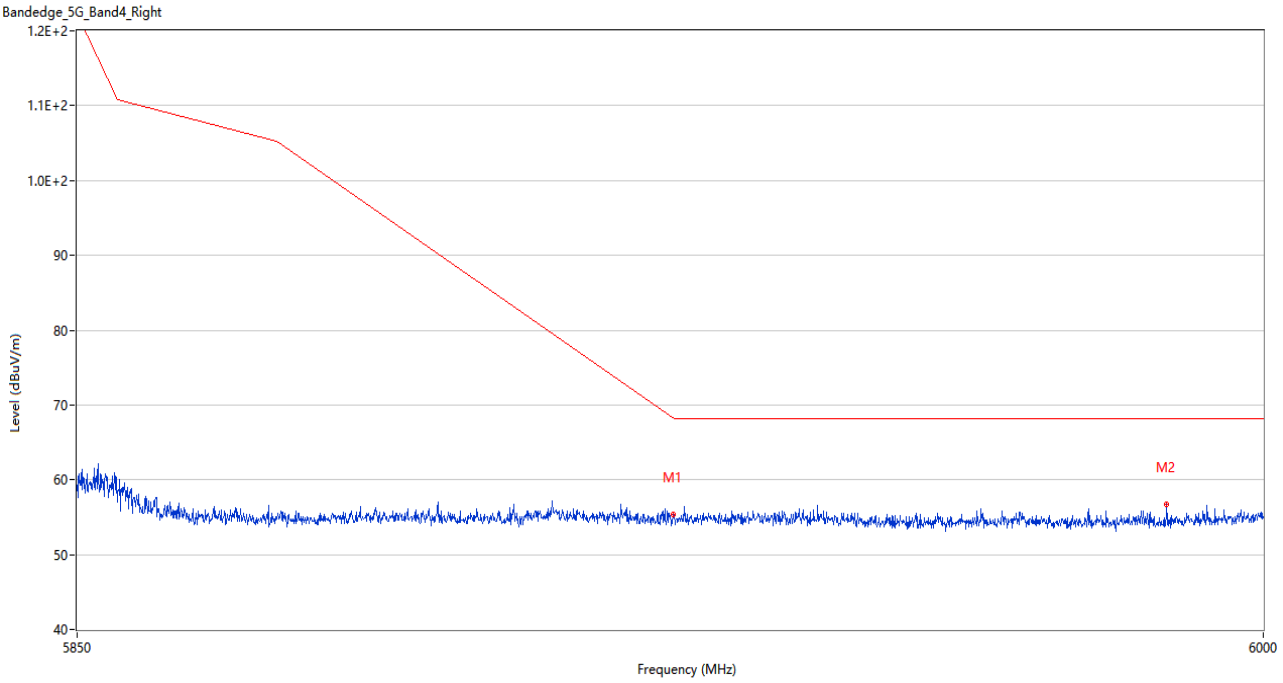
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.32	3.42	68.3	13.98	Peak	260.00	200	Horizontal	Pass
2	5945.625	57.14	3.49	68.2	11.06	Peak	75.00	150	Horizontal	Pass

U-NII-3 11n20 Low Channel



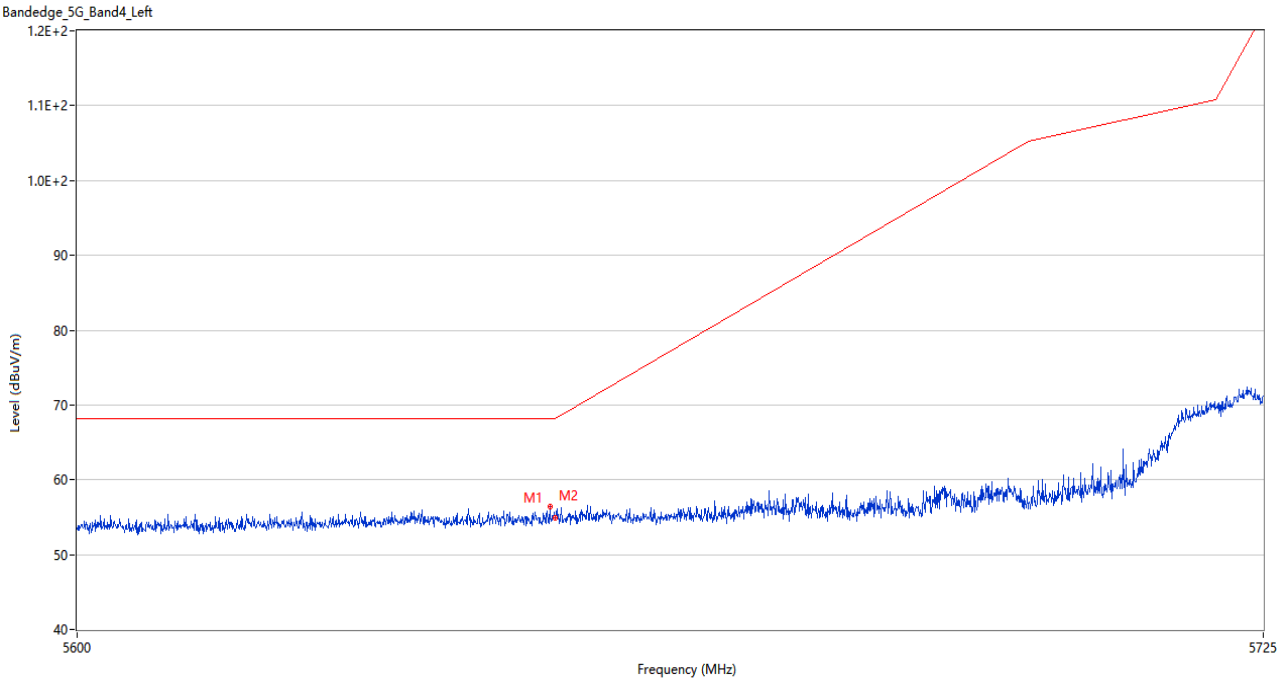
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.500	56.12	3.49	68.2	12.08	Peak	63.00	200	Horizontal	Pass
2	5650.000	54.71	3.72	68.2	13.49	Peak	255.00	150	Horizontal	Pass

U-NII-3 11n20 High Channel



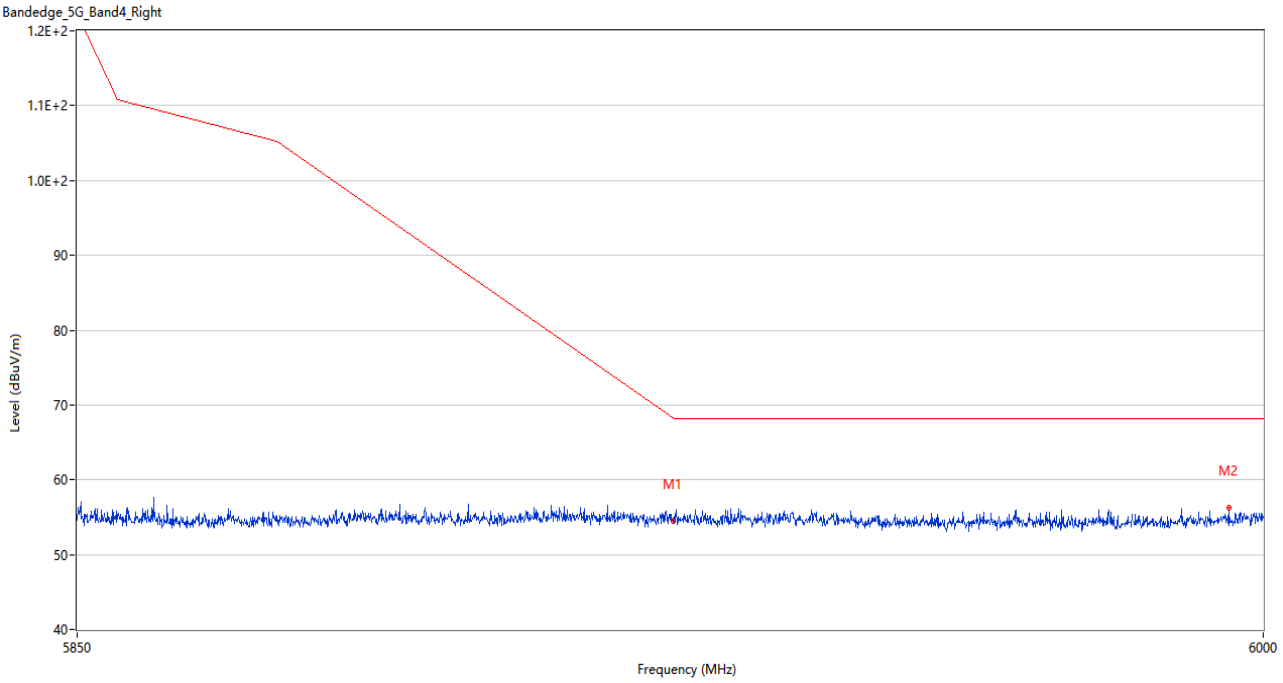
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.41	3.42	68.3	12.89	Peak	293.00	200	Horizontal	Pass
2	5987.625	56.74	4.07	68.2	11.46	Peak	254.00	150	Horizontal	Pass

U-NII-3 11n40 Low Channel



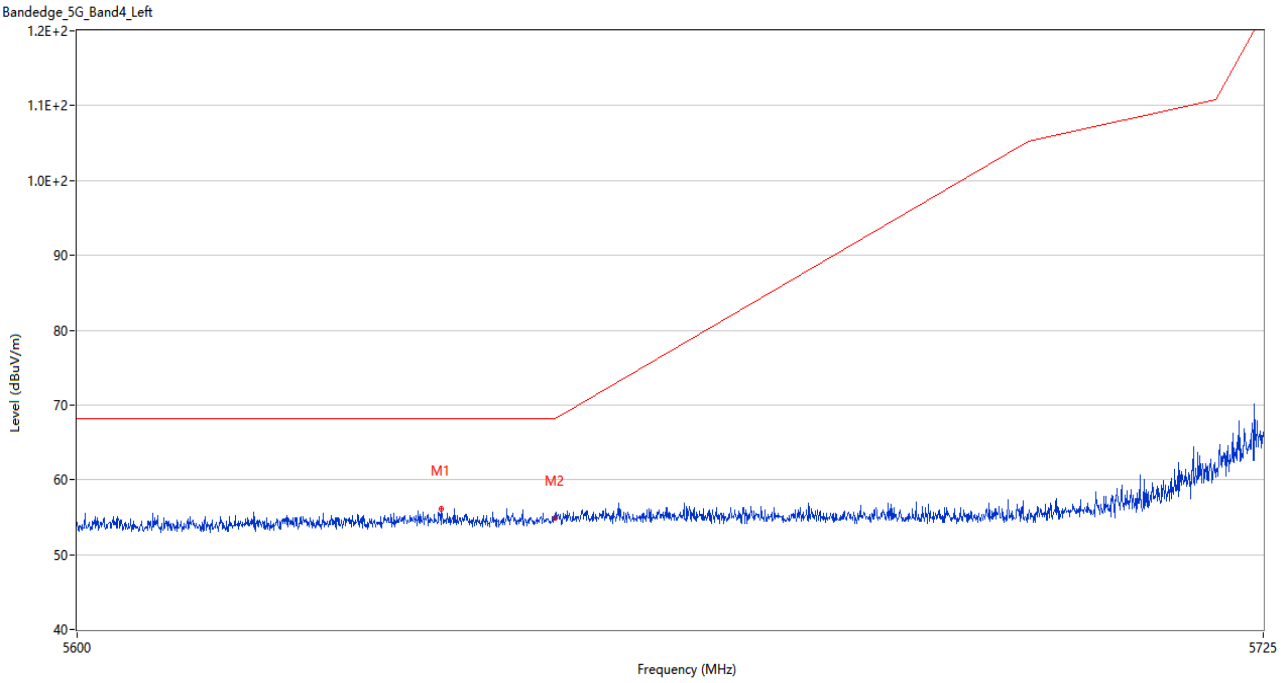
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.500	56.44	3.49	68.2	11.76	Peak	143.00	200	Horizontal	Pass
2	5650.000	54.86	3.72	68.2	13.34	Peak	147.00	100	Horizontal	Pass

U-NII-3 11n40 High Channel



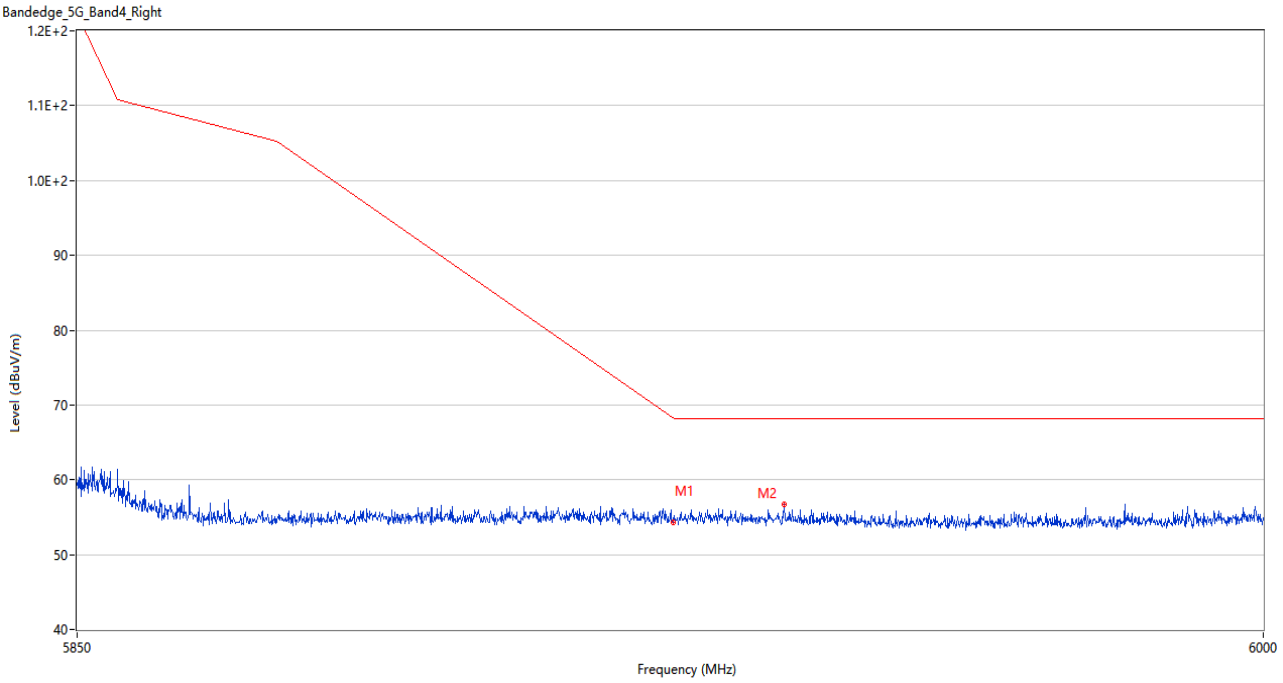
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.39	3.42	68.3	13.91	Peak	266.00	200	Horizontal	Pass
2	5995.575	56.24	4.76	68.2	11.96	Peak	121.00	100	Horizontal	Pass

U-NII-3 11ac20 Low Channel



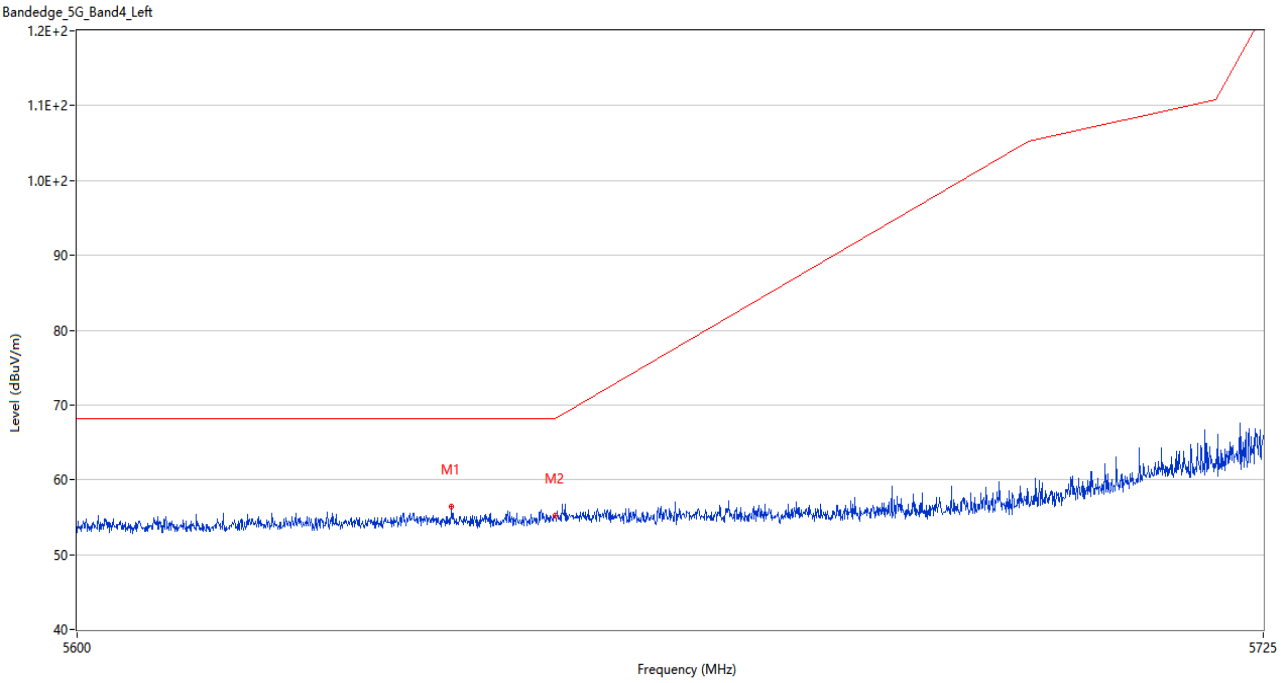
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5638.063	56.19	3.43	68.2	12.01	Peak	0.00	200	Horizontal	Pass
2	5650.000	54.95	3.72	68.2	13.25	Peak	155.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



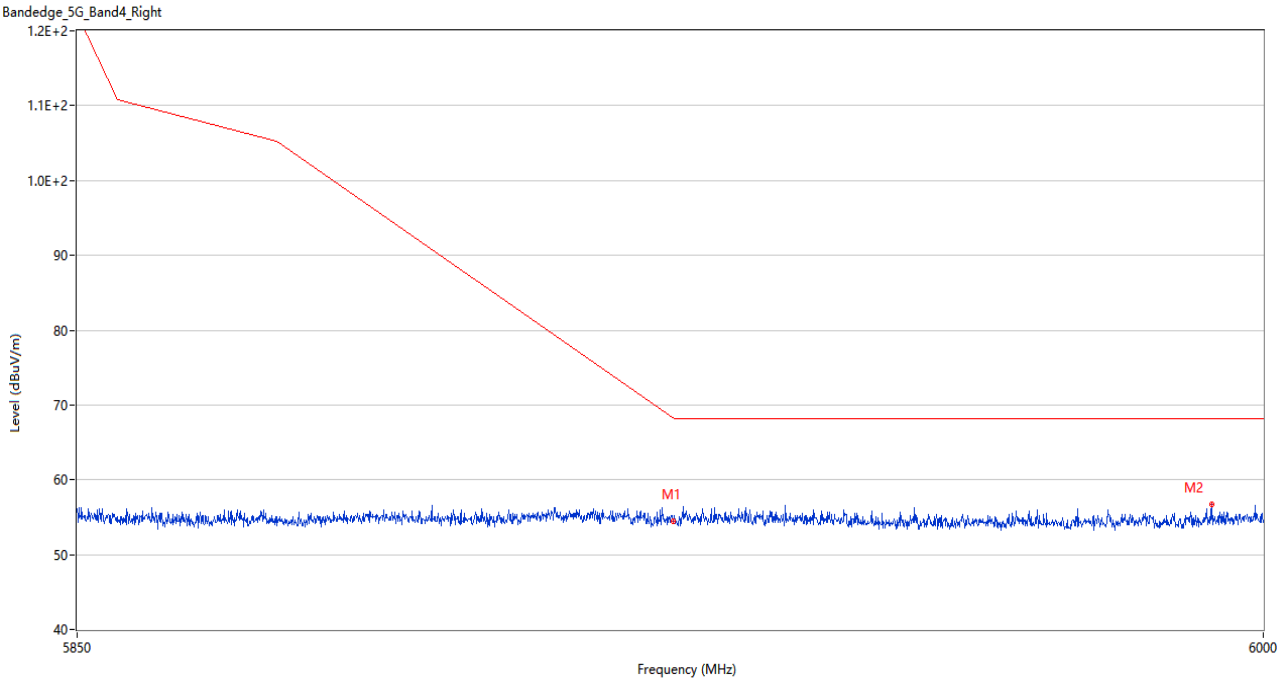
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.38	3.42	68.3	13.92	Peak	195.00	150	Horizontal	Pass
2	5938.950	56.75	3.64	68.2	11.45	Peak	171.00	200	Horizontal	Pass

U-NII-3 11ac40 Low Channel



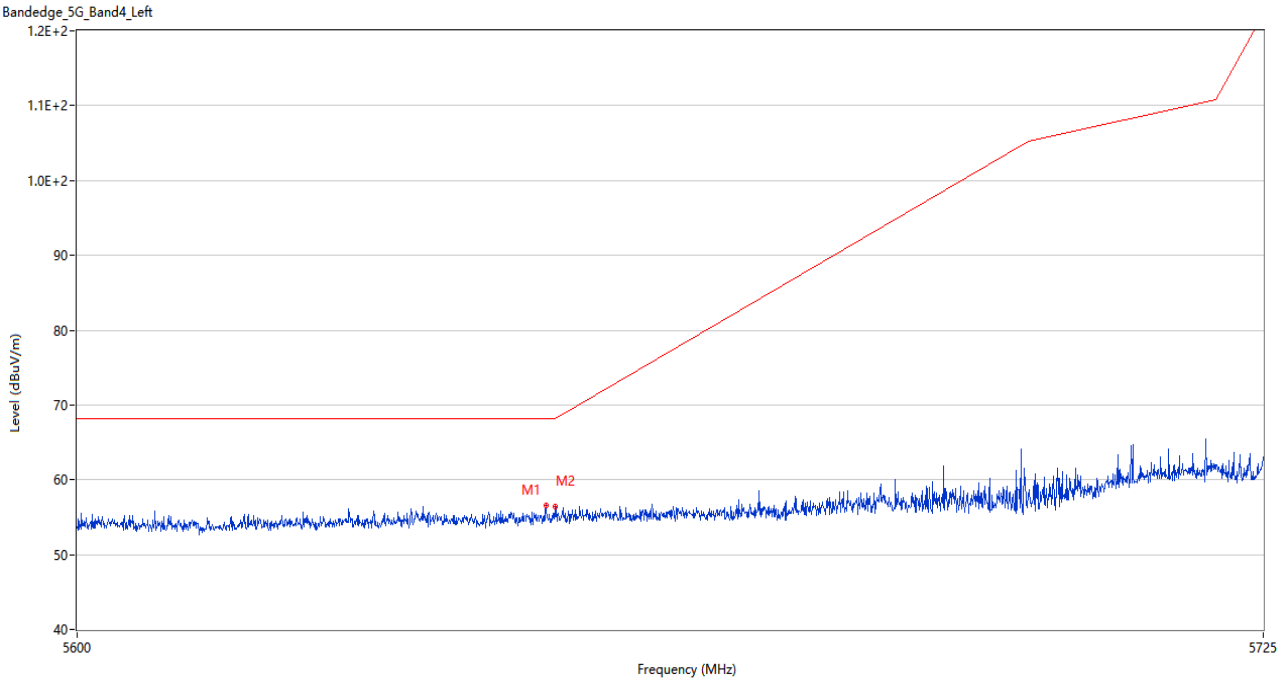
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5639.187	56.39	3.39	68.2	11.81	Peak	5.00	150	Horizontal	Pass
2	5650.000	55.15	3.72	68.2	13.05	Peak	124.00	100	Horizontal	Pass

U-NII-3 11ac40 High Channel



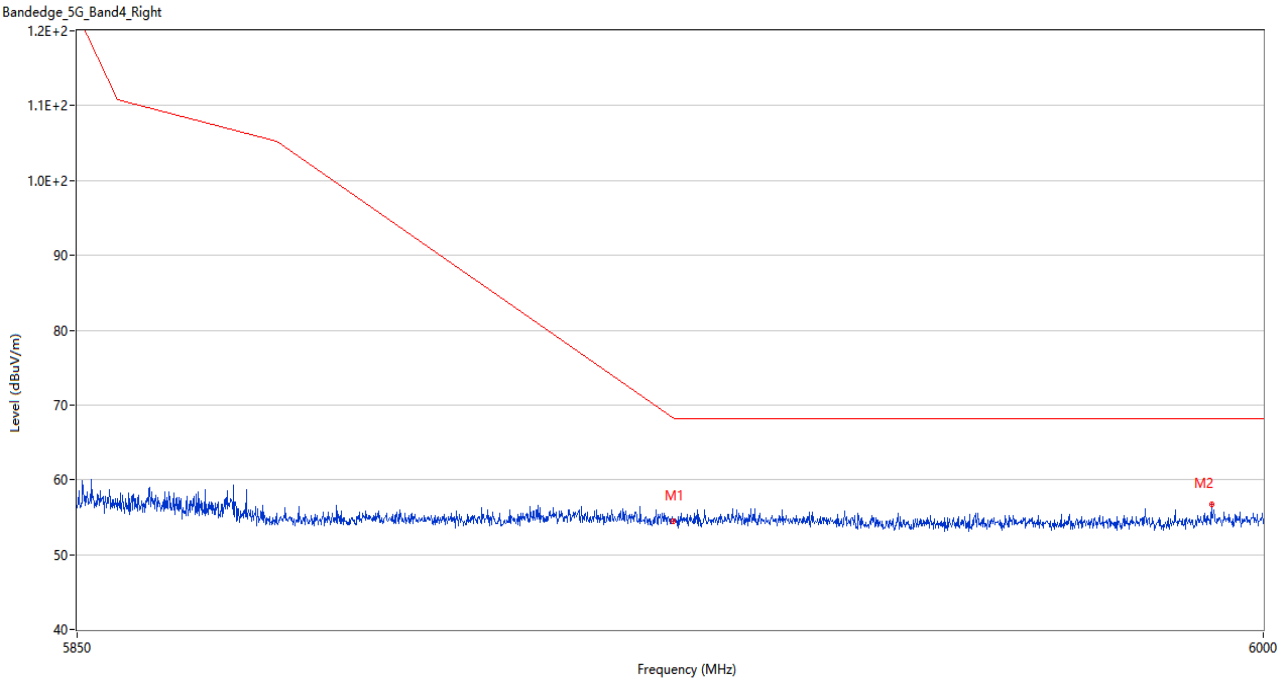
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.42	3.42	68.3	13.88	Peak	50.00	150	Horizontal	Pass
2	5993.475	56.68	4.65	68.2	11.52	Peak	259.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.062	56.51	3.62	68.2	11.69	Peak	0.00	150	Horizontal	Pass
2	5650.000	56.39	3.72	68.2	11.81	Peak	8.00	150	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.42	3.42	68.3	13.88	Peak	360.00	100	Horizontal	Pass
2	5993.400	56.67	4.66	68.2	11.53	Peak	239.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ23C0328-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ23C0328-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ23C0328-AI.PDF”.

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--END OF REPORT--