

TEST REPORT

Applicant: TECNO 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: KL7
Brand Name: TECNO
FCC ID: 2ADYY-KL7
Test Standard: 47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date: Jul. 16, 2024
Test Date: Jul. 22, 2024 - Aug. 16, 2024
Date of Issue: Aug. 21, 2024

ISSUED BY:

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Ye Hongji

Sunny Zou

Revision History		
Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Aug. 21, 2024</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	TECNO 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	TECNO 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	KL7
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 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/17/66 LTE TDD Band 38/41 LTE CA Uplink (UL): CA_2C, CA_5B, CA_7C, CA_38C, CA_41C, CA_66C Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) GPS, GLONASS, BDS, Galileo, SBAS, FM Receiver, NFC
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz				
Product Type	<input type="checkbox"/> Mobile <input checked="" type="checkbox"/> Portable <input type="checkbox"/> Fix Location				
Modulation technology	OFDM				
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK				
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: 41.30 mW U-NII-2A: 39.63 mW U-NII-2C: 38.82 mW U-NII-3: 40.18 mW				
Antenna System (eg., MIMO, Smart Antenna)	N/A				
Categorization as Correlated or Completely Uncorrelated	N/A				
Antenna Type	<table border="1"> <tr> <td>Antenna 0</td> <td rowspan="2">PIFA Antenna</td> </tr> <tr> <td>Antenna 1</td> </tr> </table>	Antenna 0	PIFA Antenna	Antenna 1	
Antenna 0	PIFA Antenna				
Antenna 1					
Antenna Gain	<table border="1"> <tr> <td>Antenna 0</td> <td> U-NII-1: 5150 MHz to 5250 MHz: -2.25 dBi U-NII-2A: 5250 MHz to 5350 MHz: -2.25 dBi U-NII-2C: 5470 MHz to 5725 MHz: -2.25 dBi U-NII-3: 5725 MHz to 5850 MHz: -2.25 dBi </td> </tr> <tr> <td>Antenna 1</td> <td>U-NII-1: 5150 MHz to 5250 MHz: -0.04 dBi</td> </tr> </table>	Antenna 0	U-NII-1: 5150 MHz to 5250 MHz: -2.25 dBi U-NII-2A: 5250 MHz to 5350 MHz: -2.25 dBi U-NII-2C: 5470 MHz to 5725 MHz: -2.25 dBi U-NII-3: 5725 MHz to 5850 MHz: -2.25 dBi	Antenna 1	U-NII-1: 5150 MHz to 5250 MHz: -0.04 dBi
Antenna 0	U-NII-1: 5150 MHz to 5250 MHz: -2.25 dBi U-NII-2A: 5250 MHz to 5350 MHz: -2.25 dBi U-NII-2C: 5470 MHz to 5725 MHz: -2.25 dBi U-NII-3: 5725 MHz to 5850 MHz: -2.25 dBi				
Antenna 1	U-NII-1: 5150 MHz to 5250 MHz: -0.04 dBi				

		<p>U-NII-2A: 5250 MHz to 5350 MHz: -0.04 dBi U-NII-2C: 5470 MHz to 5725 MHz: -0.04 dBi U-NII-3: 5725 MHz to 5850 MHz: -0.04 dBi</p>
Total directional gain	For power spectral density(PSD) measurements	<p>Correlated: U-NII-1: 5150 MHz to 5250 MHz: 1.94 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.94 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.94 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.94 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: -1.01 dBi U-NII-2A: 5250 MHz to 5350 MHz: -1.01 dBi U-NII-2C: 5470 MHz to 5725 MHz: -1.01 dBi U-NII-3: 5725 MHz to 5850 MHz: -1.01 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / NANT]$ dBi</p>
	For power measurements	<p>Correlated: U-NII-1: 5150 MHz to 5250 MHz: 1.94 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.94 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.94 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.94 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: -1.01 dBi U-NII-2A: 5250 MHz to 5350 MHz: -1.01 dBi U-NII-2C: 5470 MHz to 5725 MHz: -1.01 dBi U-NII-3: 5725 MHz to 5850 MHz: -1.01 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / NANT]$ dBi</p>
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	53% to 62%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+21.5°C to +24.8°C
Working Voltage of the EUT	NV (Normal Voltage)	3.8 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2024.05.08	2025.05.07
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2023.09.05	2024.09.04
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	2460	2024.05.16	2027.05.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2022.02.19	2024.08.15
Amplifier	COM-MV	ZT30-1000M	07210897	2023.09.05	2024.09.04
Amplifier	COM-MV	LSCX_LNA1-12G-01	7210214	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2023.09.05	2024.09.04
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.26	2026.03.03
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.08	2025.05.07
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8 m	112	2022.02.19	2025.02.18

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

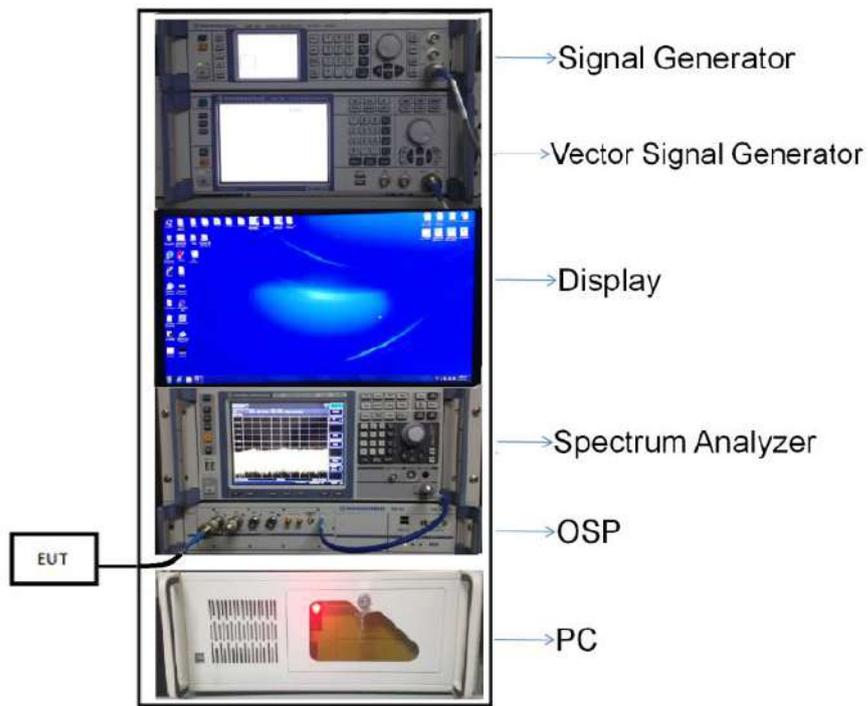
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

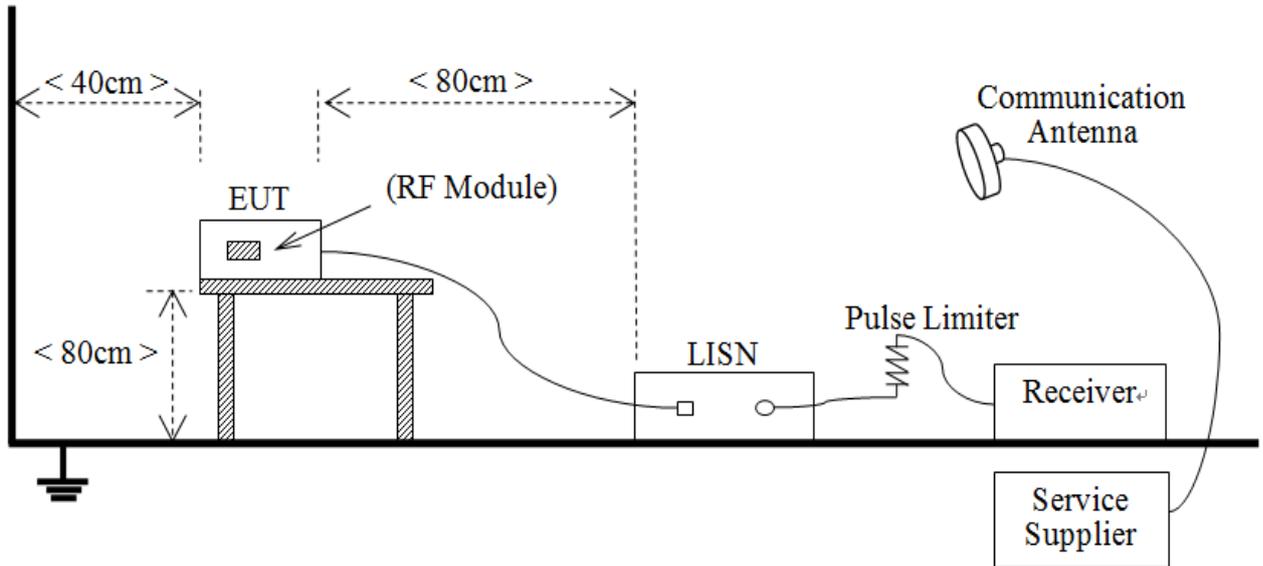
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

Conducted value (dBm) = 10 dBm + 0.5 dB = 10.5 dBm



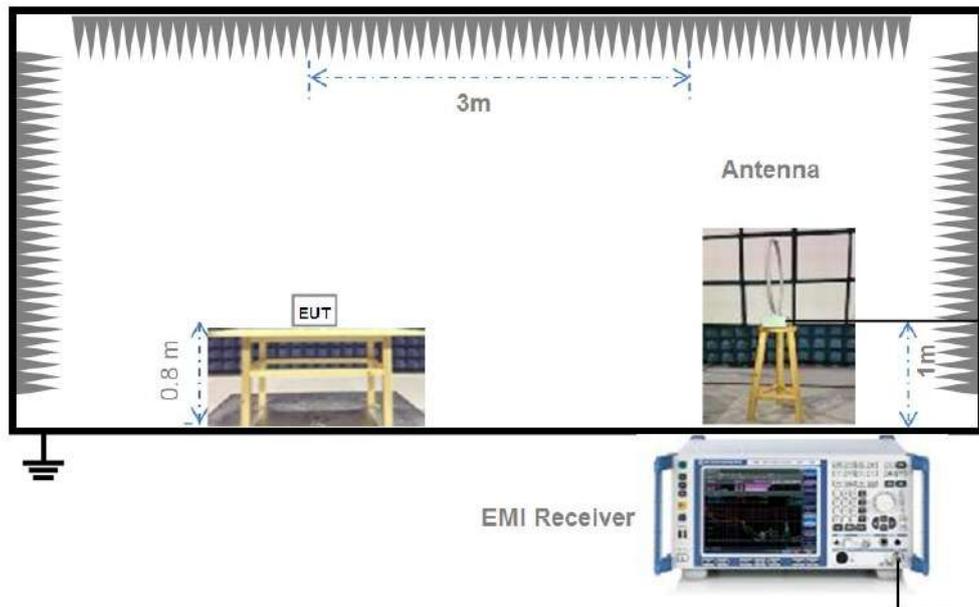
(Diagram 1)

4.5.2 For AC Power Supply Port Test



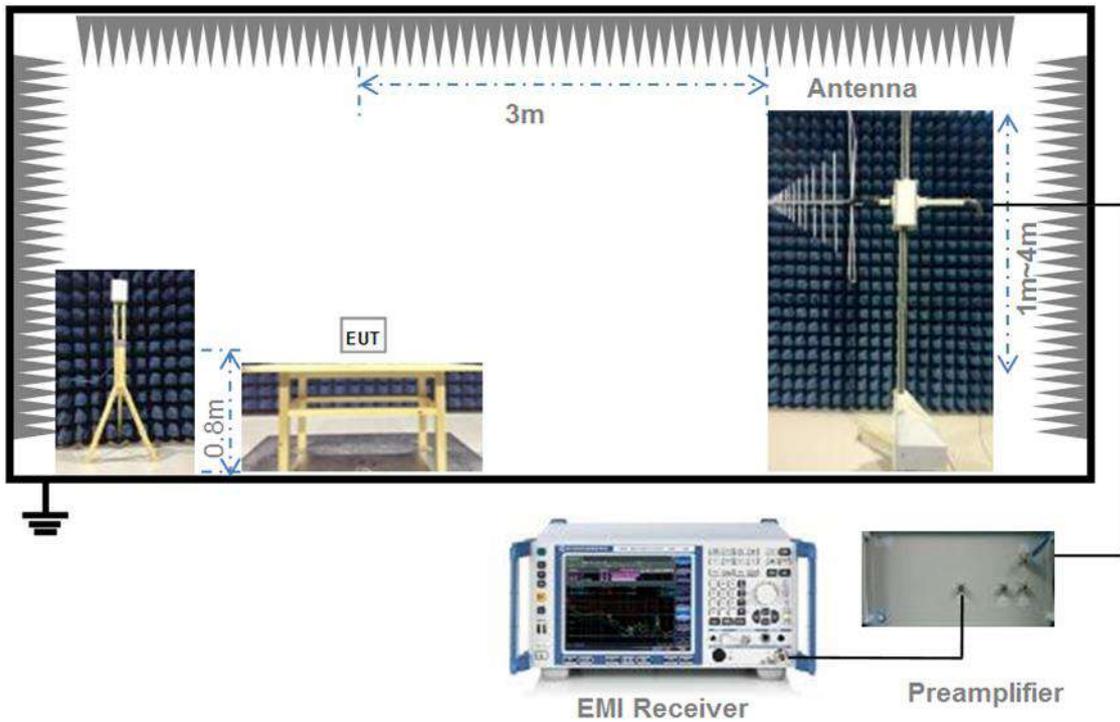
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



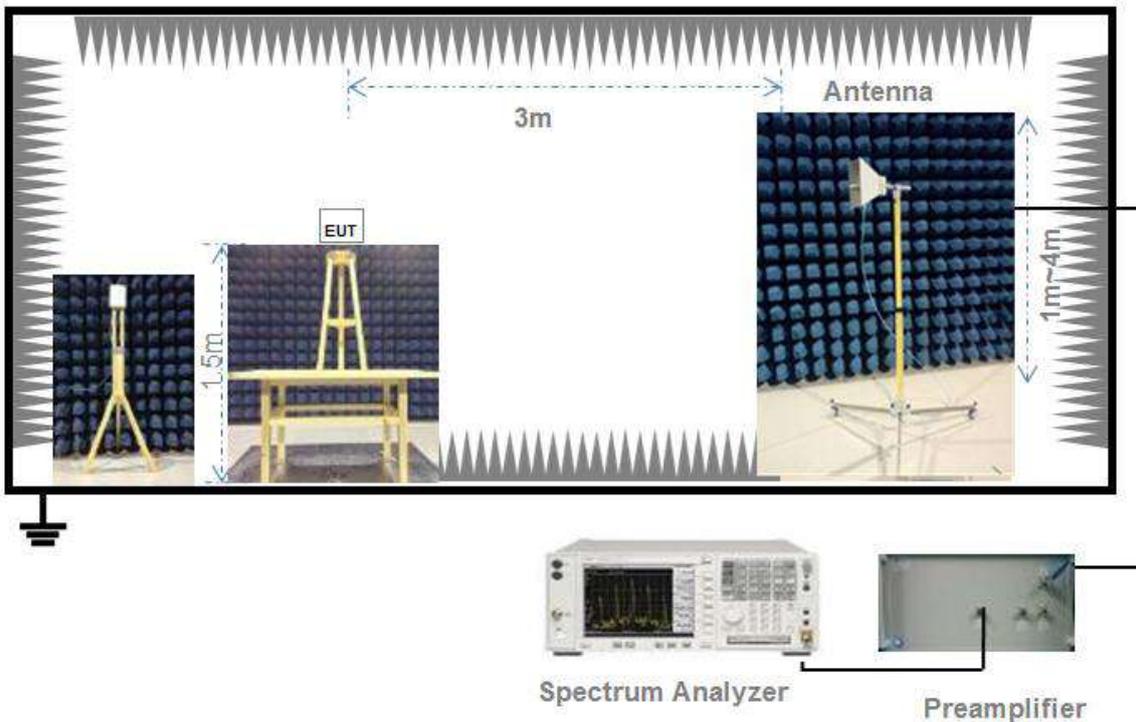
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

- 1) The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
- 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
- 3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

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

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

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

Measurements of duty cycle

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

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

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

Set VBW \geq RBW. Set detector = peak or average.

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set VBW $\geq 3 \times$ RBW,
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

Note²: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW \geq RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Duty Cycle

Antenna 0

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	1.39	1.43	97.55%
11n (HT20)	1.30	1.34	97.23%
11ac (VHT20)	0.65	0.68	94.84%
11n (HT40)	1.31	1.35	97.33%
1ac (VHT40)	0.65	0.69	94.88%
11ac (VHT80)	0.32	0.36	90.24%

Antenna 1

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	1.39	1.43	97.34%
11n (HT20)	1.30	1.34	97.15%
11ac (VHT20)	0.65	0.68	94.73%
11n (HT40)	1.31	1.35	97.33%
1ac (VHT40)	0.65	0.69	94.76%
11ac (VHT80)	0.32	0.36	90.38%

Test DataConducted PowerAntenna 0

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.90	30.90	250	Pass
11a	CH44	15.30	33.88	250	Pass
11a	CH48	15.27	33.65	250	Pass
11n (HT20)	CH36	15.80	38.02	250	Pass
11n (HT20)	CH44	15.76	37.67	250	Pass
11n (HT20)	CH48	16.14	41.11	250	Pass
11n (HT40)	CH38	15.21	33.19	250	Pass
11n (HT40)	CH46	15.50	35.48	250	Pass
11ac (VHT20)	CH36	15.85	38.46	250	Pass
11ac (VHT20)	CH44	16.16	41.30	250	Pass
11ac (VHT20)	CH48	15.74	37.50	250	Pass
11ac (VHT40)	CH38	15.25	33.50	250	Pass
11ac (VHT40)	CH46	15.53	35.73	250	Pass
11ac (VHT80)	CH42	14.41	27.61	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	15.33	34.12	250	Pass
11a	CH60	15.43	34.91	250	Pass
11a	CH64	14.89	30.83	250	Pass
11n (HT20)	CH52	15.71	37.24	250	Pass
11n (HT20)	CH60	15.33	34.12	250	Pass
11n (HT20)	CH64	15.78	37.84	250	Pass
11n (HT40)	CH54	15.98	39.63	250	Pass
11n (HT40)	CH62	15.20	33.11	250	Pass
11ac (VHT20)	CH52	15.73	37.41	250	Pass
11ac (VHT20)	CH60	15.31	33.96	250	Pass
11ac (VHT20)	CH64	15.26	33.57	250	Pass
11ac (VHT40)	CH54	15.56	33.50	250	Pass
11ac (VHT40)	CH62	15.19	35.73	250	Pass
11ac (VHT80)	CH58	13.40	21.88	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	15.27	33.65	250	Pass
11a	CH116	15.34	34.20	250	Pass
11a	CH140	13.54	22.59	250	Pass
11n (HT20)	CH100	15.11	32.43	250	Pass
11n (HT20)	CH116	15.16	32.81	250	Pass
11n (HT20)	CH140	15.40	34.67	250	Pass
11n (HT40)	CH102	15.44	34.99	250	Pass
11n (HT40)	CH118	15.15	32.73	250	Pass
11n (HT40)	CH134	15.38	34.51	250	Pass
11ac (VHT20)	CH100	15.62	36.48	250	Pass
11ac (VHT20)	CH116	15.61	36.39	250	Pass
11ac (VHT20)	CH140	12.85	19.28	250	Pass
11ac (VHT40)	CH102	14.03	35.97	250	Pass
11ac (VHT40)	CH118	15.60	33.04	250	Pass
11ac (VHT40)	CH134	15.39	34.59	250	Pass
11ac (VHT80)	CH106	12.65	18.41	250	Pass
11ac (VHT80)	CH122	14.88	30.76	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	15.32	34.04	1000	Pass
11a	CH157	15.10	32.36	1000	Pass
11a	CH165	15.10	32.36	1000	Pass
11n (HT20)	CH149	15.72	37.33	1000	Pass
11n (HT20)	CH157	16.04	40.18	1000	Pass
11n (HT20)	CH165	15.93	39.17	1000	Pass
11n (HT40)	CH151	15.72	37.33	1000	Pass
11n (HT40)	CH159	15.94	39.26	1000	Pass
11ac (VHT20)	CH149	15.72	37.33	1000	Pass
11ac (VHT20)	CH157	16.01	39.90	1000	Pass
11ac (VHT20)	CH165	15.94	39.26	1000	Pass
11ac (VHT40)	CH151	15.26	33.57	1000	Pass
11ac (VHT40)	CH159	15.93	39.17	1000	Pass
11ac (VHT80)	CH155	15.98	39.63	1000	Pass

Antenna 1

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.00	31.62	250	Pass
11a	CH44	14.91	30.97	250	Pass
11a	CH48	14.40	27.54	250	Pass
11n (HT20)	CH36	14.88	30.76	250	Pass
11n (HT20)	CH44	14.20	26.30	250	Pass
11n (HT20)	CH48	14.71	29.58	250	Pass
11n (HT40)	CH38	14.83	30.41	250	Pass
11n (HT40)	CH46	14.14	25.94	250	Pass
11ac (VHT20)	CH36	14.82	30.34	250	Pass
11ac (VHT20)	CH44	14.75	29.85	250	Pass
11ac (VHT20)	CH48	14.70	29.51	250	Pass
11ac (VHT40)	CH38	14.23	26.49	250	Pass
11ac (VHT40)	CH46	14.09	25.64	250	Pass
11ac (VHT80)	CH42	13.72	23.55	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.90	30.90	250	Pass
11a	CH60	14.91	30.97	250	Pass
11a	CH64	14.82	30.34	250	Pass
11n (HT20)	CH52	14.73	29.72	250	Pass
11n (HT20)	CH60	14.78	30.06	250	Pass
11n (HT20)	CH64	14.73	29.72	250	Pass
11n (HT40)	CH54	14.15	26.00	250	Pass
11n (HT40)	CH62	14.69	29.44	250	Pass
11ac (VHT20)	CH52	14.71	29.58	250	Pass
11ac (VHT20)	CH60	14.75	29.85	250	Pass
11ac (VHT20)	CH64	15.18	32.96	250	Pass
11ac (VHT40)	CH54	14.58	28.71	250	Pass
11ac (VHT40)	CH62	14.12	25.82	250	Pass
11ac (VHT80)	CH58	13.97	24.95	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	15.55	35.89	250	Pass
11a	CH116	15.56	35.97	250	Pass
11a	CH140	14.60	28.84	250	Pass
11n (HT20)	CH100	15.89	38.82	250	Pass
11n (HT20)	CH116	15.81	38.11	250	Pass
11n (HT20)	CH140	14.94	31.19	250	Pass
11n (HT40)	CH102	15.25	33.50	250	Pass
11n (HT40)	CH118	15.26	33.57	250	Pass
11n (HT40)	CH134	15.39	34.59	250	Pass
11ac (VHT20)	CH100	15.85	38.46	250	Pass
11ac (VHT20)	CH116	15.74	37.50	250	Pass
11ac (VHT20)	CH140	14.91	30.97	250	Pass
11ac (VHT40)	CH102	12.61	18.24	250	Pass
11ac (VHT40)	CH118	14.18	26.18	250	Pass
11ac (VHT40)	CH134	15.27	33.65	250	Pass
11ac (VHT80)	CH106	13.24	21.09	250	Pass
11ac (VHT80)	CH122	15.09	32.28	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	15.04	31.92	1000	Pass
11a	CH157	15.58	36.14	1000	Pass
11a	CH165	15.27	33.65	1000	Pass
11n (HT20)	CH149	14.67	29.31	1000	Pass
11n (HT20)	CH157	14.48	28.05	1000	Pass
11n (HT20)	CH165	14.86	30.62	1000	Pass
11n (HT40)	CH151	14.70	29.51	1000	Pass
11n (HT40)	CH159	15.05	31.99	1000	Pass
11ac (VHT20)	CH149	14.64	29.11	1000	Pass
11ac (VHT20)	CH157	15.45	35.08	1000	Pass
11ac (VHT20)	CH165	15.33	34.12	1000	Pass
11ac (VHT40)	CH151	15.17	32.89	1000	Pass
11ac (VHT40)	CH159	14.65	29.17	1000	Pass
11ac (VHT80)	CH155	14.73	29.72	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2470699-604 Data Part 1.pdf".

Test Data

Antenna 0

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.63	16.57
11a	CH44	21.27	16.58
11a	CH48	21.95	16.52
11n (HT20)	CH36	26.72	17.80
11n (HT20)	CH44	28.87	17.90
11n (HT20)	CH48	29.19	17.87
11n (HT40)	CH38	64.28	36.39
11n (HT40)	CH46	67.65	36.41
11ac (VHT20)	CH36	27.90	17.80
11ac (VHT20)	CH44	28.16	17.77
11ac (VHT20)	CH48	25.95	17.77
11ac (VHT40)	CH38	56.59	36.22
11ac (VHT40)	CH46	54.44	36.29
11ac (VHT80)	CH42	131.90	75.99

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	22.87	16.82
11a	CH60	25.29	16.68
11a	CH64	22.76	16.57
11n (HT20)	CH52	29.01	17.84
11n (HT20)	CH60	29.03	17.84
11n (HT20)	CH64	29.74	17.80
11n (HT40)	CH54	61.79	36.38
11n (HT40)	CH62	59.47	36.41
11ac (VHT20)	CH52	25.55	17.75
11ac (VHT20)	CH60	28.48	17.76
11ac (VHT20)	CH64	26.63	17.76
11ac (VHT40)	CH54	60.30	36.26
11ac (VHT40)	CH62	60.03	36.24
11ac (VHT80)	CH58	148.20	75.92

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	22.90	16.57
11a	CH116	22.53	16.58
11a	CH140	21.52	16.61
11n (HT20)	CH100	26.86	17.82
11n (HT20)	CH116	28.79	17.81
11n (HT20)	CH140	32.46	17.89
11n (HT40)	CH102	64.66	36.49
11n (HT40)	CH118	65.32	36.43
11n (HT40)	CH134	63.80	36.47
11ac (VHT20)	CH100	26.40	17.77
11ac (VHT20)	CH116	27.41	17.74
11ac (VHT20)	CH140	27.68	17.85
11ac (VHT40)	CH102	53.78	36.23
11ac (VHT40)	CH118	60.92	36.32
11ac (VHT40)	CH134	57.23	36.34
11ac (VHT80)	CH106	145.80	75.93
11ac (VHT80)	CH122	148.20	76.05

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	23.63	16.62
11a	CH157	23.46	16.62
11a	CH165	21.77	16.62
11n (HT20)	CH149	29.94	17.89
11n (HT20)	CH157	30.25	17.93
11n (HT20)	CH165	32.13	17.92
11n (HT40)	CH151	66.44	36.54
11n (HT40)	CH159	70.74	36.80
11ac (VHT20)	CH149	27.87	17.84
11ac (VHT20)	CH157	30.58	17.87
11ac (VHT20)	CH165	28.27	17.84
11ac (VHT40)	CH151	66.25	36.39
11ac (VHT40)	CH159	64.71	36.46
11ac (VHT80)	CH155	140.90	76.33

Antenna 1

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	24.26	16.59
11a	CH44	24.82	16.65
11a	CH48	24.37	16.64
11n (HT20)	CH36	31.18	17.93
11n (HT20)	CH44	29.38	17.92
11n (HT20)	CH48	27.50	17.84
11n (HT40)	CH38	60.99	36.40
11n (HT40)	CH46	66.59	36.44
11ac (VHT20)	CH36	29.22	17.76
11ac (VHT20)	CH44	28.79	17.78
11ac (VHT20)	CH48	27.79	17.78
11ac (VHT40)	CH38	53.57	36.23
11ac (VHT40)	CH46	55.53	36.27
11ac (VHT80)	CH42	152.50	76.27

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	24.89	16.60
11a	CH60	23.53	16.64
11a	CH64	24.01	16.61
11n (HT20)	CH52	28.12	17.82
11n (HT20)	CH60	28.10	17.82
11n (HT20)	CH64	30.46	17.85
11n (HT40)	CH54	61.80	36.41
11n (HT40)	CH62	60.85	36.38
11ac (VHT20)	CH52	28.15	17.79
11ac (VHT20)	CH60	27.49	17.77
11ac (VHT20)	CH64	23.37	17.66
11ac (VHT40)	CH54	53.43	36.21
11ac (VHT40)	CH62	51.48	36.27
11ac (VHT80)	CH58	80.72	75.20

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	24.10	16.63
11a	CH116	24.71	16.63
11a	CH140	20.14	16.53
11n (HT20)	CH100	29.75	17.88
11n (HT20)	CH116	29.60	17.90
11n (HT20)	CH140	29.15	17.96
11n (HT40)	CH102	64.49	36.45
11n (HT40)	CH118	66.74	36.44
11n (HT40)	CH134	72.02	36.66
11ac (VHT20)	CH100	25.74	17.72
11ac (VHT20)	CH116	28.89	17.82
11ac (VHT20)	CH140	20.29	17.59
11ac (VHT40)	CH102	40.46	36.02
11ac (VHT40)	CH118	61.63	36.30
11ac (VHT40)	CH134	54.29	36.20
11ac (VHT80)	CH106	80.96	75.28
11ac (VHT80)	CH122	110.90	75.56

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	25.78	16.67
11a	CH157	24.17	16.62
11a	CH165	24.12	16.63
11n (HT20)	CH149	29.95	17.94
11n (HT20)	CH157	32.94	17.98
11n (HT20)	CH165	31.47	18.04
11n (HT40)	CH151	68.14	36.66
11n (HT40)	CH159	70.55	36.83
11ac (VHT20)	CH149	30.38	17.85
11ac (VHT20)	CH157	30.91	17.89
11ac (VHT20)	CH165	30.64	17.90
11ac (VHT40)	CH151	62.34	36.42
11ac (VHT40)	CH159	70.52	36.47
11ac (VHT80)	CH155	145.70	76.18

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2470699-604 Data Part 2.pdf".

Test Data

Antenna 0

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.50	500.00	Pass
11a	CH157	15.30	500.00	Pass
11a	CH165	15.40	500.00	Pass
11n (HT20)	CH149	15.30	500.00	Pass
11n (HT20)	CH157	15.40	500.00	Pass
11n (HT20)	CH165	15.40	500.00	Pass
11n (HT40)	CH151	35.20	500.00	Pass
11n (HT40)	CH159	35.30	500.00	Pass
11ac (VHT20)	CH149	15.40	500.00	Pass
11ac (VHT20)	CH157	15.40	500.00	Pass
11ac (VHT20)	CH165	14.00	500.00	Pass
11ac (VHT40)	CH151	35.30	500.00	Pass
11ac (VHT40)	CH159	35.30	500.00	Pass
11ac (VHT80)	CH155	75.30	500.00	Pass

Antenna 1

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.30	500.00	Pass
11a	CH157	14.00	500.00	Pass
11a	CH165	15.30	500.00	Pass
11n (HT20)	CH149	15.40	500.00	Pass
11n (HT20)	CH157	15.30	500.00	Pass
11n (HT20)	CH165	15.30	500.00	Pass
11n (HT40)	CH151	35.30	500.00	Pass
11n (HT40)	CH159	35.30	500.00	Pass
11ac (VHT20)	CH149	15.40	500.00	Pass
11ac (VHT20)	CH157	15.40	500.00	Pass
11ac (VHT20)	CH165	15.30	500.00	Pass
11ac (VHT40)	CH151	35.30	500.00	Pass
11ac (VHT40)	CH159	35.30	500.00	Pass
11ac (VHT80)	CH155	75.30	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ2470699-604 Data Part 3.pdf".

Test Data

Antenna 0

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	4.43	11.00	Pass
11a	CH44	4.39	11.00	Pass
11a	CH48	4.30	11.00	Pass
11n (HT20)	CH36	5.11	11.00	Pass
11n (HT20)	CH44	5.38	11.00	Pass
11n (HT20)	CH48	5.41	11.00	Pass
11n (HT40)	CH38	1.59	11.00	Pass
11n (HT40)	CH46	2.28	11.00	Pass
11ac (VHT20)	CH36	5.07	11.00	Pass
11ac (VHT20)	CH44	5.40	11.00	Pass
11ac (VHT20)	CH48	5.46	11.00	Pass
11ac (VHT40)	CH38	1.54	11.00	Pass
11ac (VHT40)	CH46	1.86	11.00	Pass
11ac (VHT80)	CH42	-2.41	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	4.33	11.00	Pass
11a	CH60	4.45	11.00	Pass
11a	CH64	4.39	11.00	Pass
11n (HT20)	CH52	5.01	11.00	Pass
11n (HT20)	CH60	5.10	11.00	Pass
11n (HT20)	CH64	5.07	11.00	Pass
11n (HT40)	CH54	2.34	11.00	Pass
11n (HT40)	CH62	2.05	11.00	Pass
11ac (VHT20)	CH52	5.00	11.00	Pass
11ac (VHT20)	CH60	5.05	11.00	Pass
11ac (VHT20)	CH64	4.55	11.00	Pass
11ac (VHT40)	CH54	1.95	11.00	Pass
11ac (VHT40)	CH62	1.16	11.00	Pass
11ac (VHT80)	CH58	-3.77	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	4.81	11.00	Pass
11a	CH116	4.82	11.00	Pass
11a	CH140	2.60	11.00	Pass
11n (HT20)	CH100	4.96	11.00	Pass
11n (HT20)	CH116	5.02	11.00	Pass
11n (HT20)	CH140	5.26	11.00	Pass
11n (HT40)	CH102	1.42	11.00	Pass
11n (HT40)	CH118	1.59	11.00	Pass
11n (HT40)	CH134	1.32	11.00	Pass
11ac (VHT20)	CH100	4.36	11.00	Pass
11ac (VHT20)	CH116	4.45	11.00	Pass
11ac (VHT20)	CH140	2.22	11.00	Pass
11ac (VHT40)	CH102	-0.04	11.00	Pass
11ac (VHT40)	CH118	1.54	11.00	Pass
11ac (VHT40)	CH134	1.82	11.00	Pass
11ac (VHT80)	CH106	-4.54	11.00	Pass
11ac (VHT80)	CH122	-2.24	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	2.17	30.00	Pass
11a	CH157	1.89	30.00	Pass
11a	CH165	1.79	30.00	Pass
11n (HT20)	CH149	1.72	30.00	Pass
11n (HT20)	CH157	2.03	30.00	Pass
11n (HT20)	CH165	2.52	30.00	Pass
11n (HT40)	CH151	-1.17	30.00	Pass
11n (HT40)	CH159	-0.87	30.00	Pass
11ac (VHT20)	CH149	2.53	30.00	Pass
11ac (VHT20)	CH157	1.81	30.00	Pass
11ac (VHT20)	CH165	2.46	30.00	Pass
11ac (VHT40)	CH151	-1.06	30.00	Pass
11ac (VHT40)	CH159	-0.45	30.00	Pass
11ac (VHT80)	CH155	-3.89	30.00	Pass

Antenna 1

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	3.89	11.00	Pass
11a	CH44	4.31	11.00	Pass
11a	CH48	4.27	11.00	Pass
11n (HT20)	CH36	4.10	11.00	Pass
11n (HT20)	CH44	3.98	11.00	Pass
11n (HT20)	CH48	4.01	11.00	Pass
11n (HT40)	CH38	1.14	11.00	Pass
11n (HT40)	CH46	0.58	11.00	Pass
11ac (VHT20)	CH36	3.98	11.00	Pass
11ac (VHT20)	CH44	4.04	11.00	Pass
11ac (VHT20)	CH48	4.56	11.00	Pass
11ac (VHT40)	CH38	0.62	11.00	Pass
11ac (VHT40)	CH46	0.97	11.00	Pass
11ac (VHT80)	CH42	-2.86	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	3.80	11.00	Pass
11a	CH60	4.36	11.00	Pass
11a	CH64	3.83	11.00	Pass
11n (HT20)	CH52	4.04	11.00	Pass
11n (HT20)	CH60	4.06	11.00	Pass
11n (HT20)	CH64	4.02	11.00	Pass
11n (HT40)	CH54	1.09	11.00	Pass
11n (HT40)	CH62	1.73	11.00	Pass
11ac (VHT20)	CH52	4.56	11.00	Pass
11ac (VHT20)	CH60	4.67	11.00	Pass
11ac (VHT20)	CH64	4.60	11.00	Pass
11ac (VHT40)	CH54	0.58	11.00	Pass
11ac (VHT40)	CH62	0.72	11.00	Pass
11ac (VHT80)	CH58	-1.66	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	5.49	11.00	Pass
11a	CH116	5.42	11.00	Pass
11a	CH140	4.53	11.00	Pass
11n (HT20)	CH100	5.17	11.00	Pass
11n (HT20)	CH116	5.12	11.00	Pass
11n (HT20)	CH140	4.22	11.00	Pass
11n (HT40)	CH102	2.07	11.00	Pass
11n (HT40)	CH118	2.19	11.00	Pass
11n (HT40)	CH134	2.16	11.00	Pass
11ac (VHT20)	CH100	5.15	11.00	Pass
11ac (VHT20)	CH116	5.04	11.00	Pass
11ac (VHT20)	CH140	4.17	11.00	Pass
11ac (VHT40)	CH102	-0.41	11.00	Pass
11ac (VHT40)	CH118	0.75	11.00	Pass
11ac (VHT40)	CH134	1.80	11.00	Pass
11ac (VHT80)	CH106	-3.19	11.00	Pass
11ac (VHT80)	CH122	-1.16	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	2.19	30.00	Pass
11a	CH157	2.38	30.00	Pass
11a	CH165	2.68	30.00	Pass
11n (HT20)	CH149	1.90	30.00	Pass
11n (HT20)	CH157	2.06	30.00	Pass
11n (HT20)	CH165	1.89	30.00	Pass
11n (HT40)	CH151	-1.13	30.00	Pass
11n (HT40)	CH159	-1.03	30.00	Pass
11ac (VHT20)	CH149	1.97	30.00	Pass
11ac (VHT20)	CH157	2.04	30.00	Pass
11ac (VHT20)	CH165	1.92	30.00	Pass
11ac (VHT40)	CH151	-1.11	30.00	Pass
11ac (VHT40)	CH159	-0.96	30.00	Pass
11ac (VHT80)	CH155	-4.24	30.00	Pass

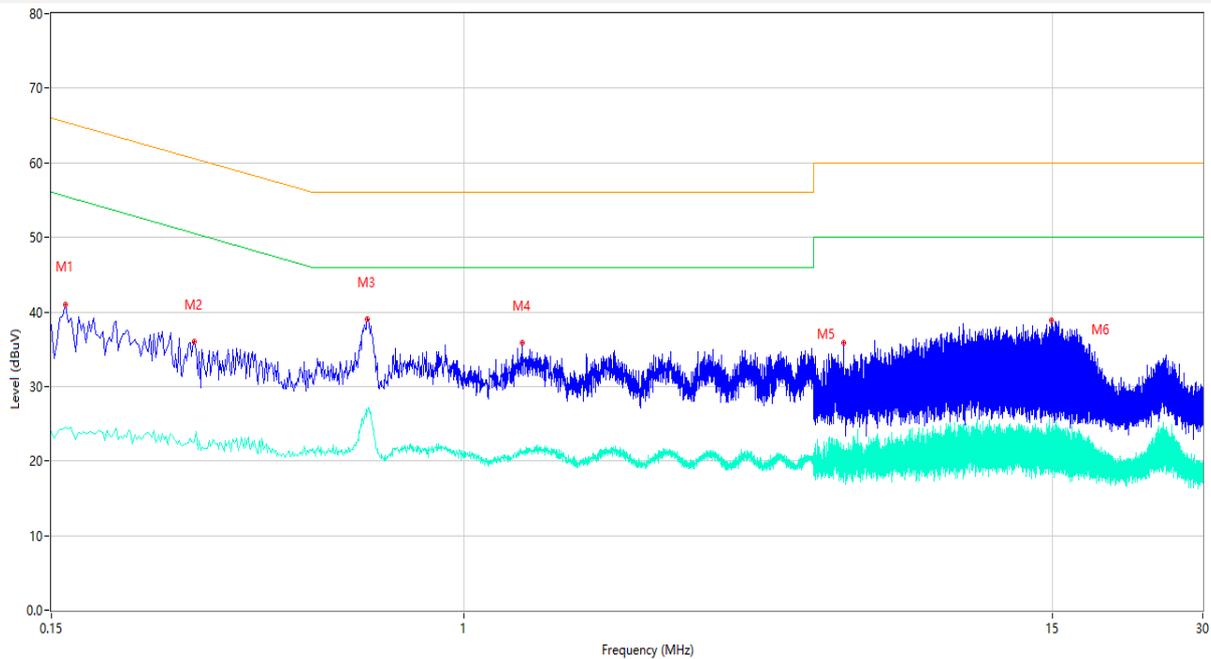
A.5 Conducted Emissions

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.

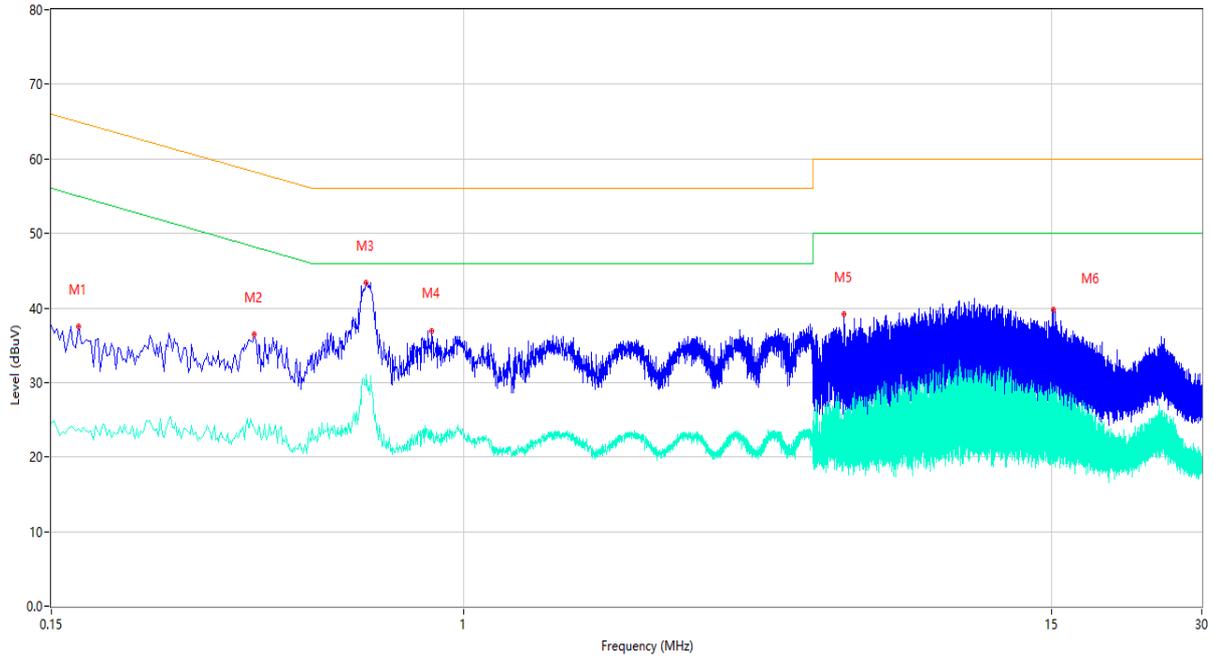
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.160	41.05	9.75	65.46	24.41	Peak	L	Pass
1**	0.160	24.61	9.75	55.46	30.85	AV	L	Pass
2	0.290	35.97	9.74	60.52	24.55	Peak	L	Pass
2**	0.290	22.62	9.74	50.52	27.90	AV	L	Pass
3	0.642	39.06	9.73	56.00	16.94	Peak	L	Pass
3**	0.642	26.50	9.73	46.00	19.50	AV	L	Pass
4	1.308	35.83	9.70	56.00	20.17	Peak	L	Pass
4**	1.308	21.32	9.70	46.00	24.68	AV	L	Pass
5	5.752	35.86	9.61	60.00	24.14	Peak	L	Pass
5**	5.752	22.19	9.61	50.00	27.81	AV	L	Pass
6	14.960	38.90	9.26	60.00	21.10	Peak	L	Pass
6**	14.960	23.85	9.26	50.00	26.15	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.170	37.53	9.72	64.96	27.43	Peak	N	Pass
1**	0.170	23.80	9.72	54.96	31.16	AV	N	Pass
2	0.382	36.49	9.78	58.24	21.75	Peak	N	Pass
2**	0.382	23.94	9.78	48.24	24.30	AV	N	Pass
3	0.640	43.42	9.86	56.00	12.58	Peak	N	Pass
3**	0.640	31.03	9.86	46.00	14.97	AV	N	Pass
4	0.866	36.98	9.87	56.00	19.02	Peak	N	Pass
4**	0.866	23.44	9.87	46.00	22.56	AV	N	Pass
5	5.784	39.16	9.82	60.00	20.84	Peak	N	Pass
5**	5.784	27.15	9.82	50.00	22.85	AV	N	Pass
6	15.176	39.81	9.50	60.00	20.19	Peak	N	Pass
6**	15.176	27.41	9.50	50.00	22.59	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.

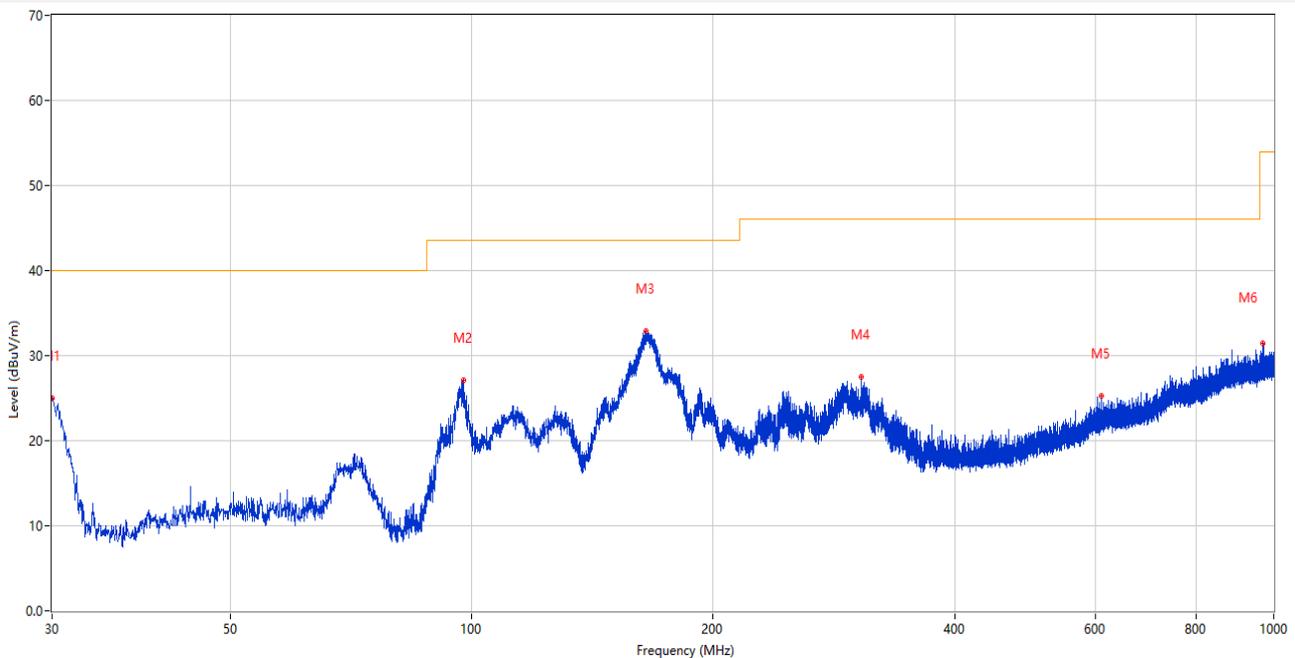
Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

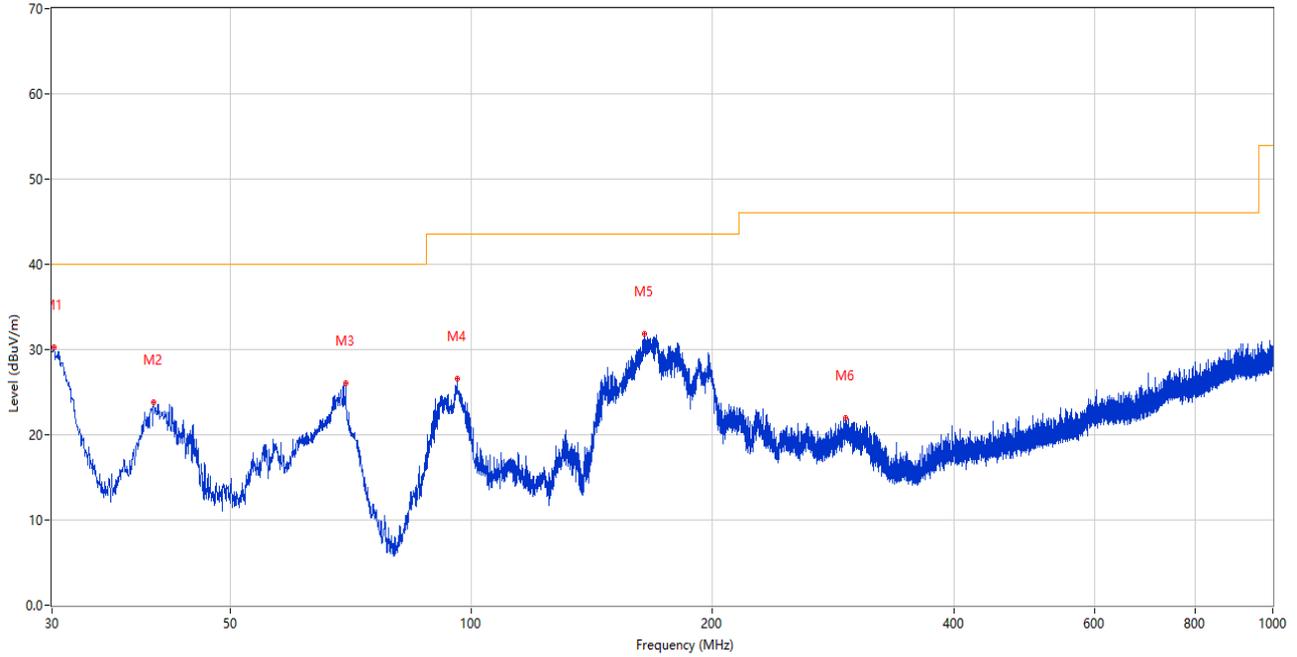
Antenna 0

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	30.000	24.93	-28.88	40.0	15.07	Peak	162.00	200	Horizontal	Pass
2	97.803	27.12	-26.27	43.5	16.38	Peak	52.00	200	Horizontal	Pass
3	164.975	32.91	-28.52	43.5	10.59	Peak	156.00	200	Horizontal	Pass
4	306.014	27.46	-23.28	46.0	18.54	Peak	278.00	100	Horizontal	Pass
5	610.399	25.33	-14.72	46.0	20.67	Peak	199.00	200	Horizontal	Pass
6	969.930	31.43	-8.63	54.0	22.57	Peak	175.00	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	30.194	30.30	-28.92	40.0	9.70	Peak	334.00	100	Vertical	Pass
2	40.136	23.82	-25.86	40.0	16.18	Peak	75.00	200	Vertical	Pass
3	69.721	26.09	-28.87	40.0	13.91	Peak	87.00	100	Vertical	Pass
4	96.057	26.52	-26.51	43.5	16.98	Peak	0.00	100	Vertical	Pass
5	164.636	31.80	-28.49	43.5	11.70	Peak	81.00	100	Vertical	Pass
6	292.870	22.01	-23.19	46.0	23.99	Peak	138.00	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, 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	1152.000	39.63	-15.36	74.0	34.37	Peak	350.00	150	Horizontal	Pass
1**	1152.000	28.15	-15.36	54.0	25.85	AV	350.00	150	Horizontal	Pass
2	1622.500	40.73	-15.25	74.0	33.27	Peak	314.00	150	Horizontal	Pass
2**	1622.500	29.18	-15.25	54.0	24.82	AV	314.00	150	Horizontal	Pass
3	4177.500	48.32	-3.17	74.0	25.68	Peak	88.00	150	Horizontal	Pass
3**	4177.500	37.52	-3.17	54.0	16.48	AV	88.00	150	Horizontal	Pass
4	5218.000	106.11	-0.92	--	31.89	Peak	138.00	150	Horizontal	N/A
4**	5218.000	97.66	-0.92	--	-97.66	AV	138.00	150	Horizontal	N/A
5	12672.338	51.44	-0.19	74.0	22.56	Peak	7.00	150	Horizontal	Pass
5**	12672.338	40.97	-0.19	54.0	13.03	AV	7.00	150	Horizontal	Pass
6	15949.875	52.37	1.18	74.0	21.63	Peak	346.00	150	Horizontal	Pass
6**	15949.875	42.39	1.18	54.0	11.61	AV	346.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1144.000	39.21	-15.38	74.0	34.79	Peak	343.00	150	Vertical	Pass
1**	1144.000	28.11	-15.38	54.0	25.89	AV	343.00	150	Vertical	Pass
2	1604.000	40.41	-15.23	74.0	33.59	Peak	1.00	150	Vertical	Pass
2**	1604.000	29.06	-15.23	54.0	24.94	AV	1.00	150	Vertical	Pass
3	4279.000	48.76	-2.49	74.0	25.24	Peak	300.00	150	Vertical	Pass
3**	4279.000	37.45	-2.49	54.0	16.55	AV	300.00	150	Vertical	Pass
4	5219.000	105.01	-0.89	--	21.99	Peak	127.00	150	Vertical	N/A
4**	5219.000	96.58	-0.89	--	-96.58	AV	127.00	150	Vertical	N/A
5	11891.200	50.96	-0.92	74.0	23.04	Peak	7.00	150	Vertical	Pass
5**	11891.200	40.36	-0.92	54.0	13.64	AV	7.00	150	Vertical	Pass
6	16050.938	52.71	1.51	74.0	21.29	Peak	1.00	150	Vertical	Pass
6**	16050.938	41.94	1.51	54.0	12.06	AV	1.00	150	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	1202.250	38.97	-15.28	74.0	35.03	Peak	98.00	150	Horizontal	Pass
1**	1202.250	28.58	-15.28	54.0	25.42	AV	98.00	150	Horizontal	Pass
2	1498.250	39.88	-15.35	74.0	34.12	Peak	329.00	150	Horizontal	Pass
2**	1498.250	28.56	-15.35	54.0	25.44	AV	329.00	150	Horizontal	Pass
3	4189.000	48.89	-2.83	74.0	25.11	Peak	360.00	150	Horizontal	Pass
3**	4189.000	37.37	-2.83	54.0	16.63	AV	360.00	150	Horizontal	Pass
4	5221.000	105.74	-0.85	--	44.26	Peak	150.00	150	Horizontal	N/A
4**	5221.000	97.38	-0.85	--	-97.38	AV	150.00	150	Horizontal	N/A
5	12504.662	50.76	-0.26	74.0	23.24	Peak	291.00	150	Horizontal	Pass
5**	12504.662	40.94	-0.26	54.0	13.06	AV	291.00	150	Horizontal	Pass
6	15965.100	52.79	1.39	74.0	21.21	Peak	0.00	150	Horizontal	Pass
6**	15965.100	42.33	1.39	54.0	11.67	AV	0.00	150	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	1210.750	39.65	-15.56	74.0	34.35	Peak	0.00	150	Vertical	Pass
1**	1210.750	28.49	-15.56	54.0	25.51	AV	0.00	150	Vertical	Pass
2	1613.500	39.60	-15.14	74.0	34.40	Peak	262.00	150	Vertical	Pass
2**	1613.500	28.85	-15.14	54.0	25.15	AV	262.00	150	Vertical	Pass
3	4287.000	48.48	-3.01	74.0	25.52	Peak	320.00	150	Vertical	Pass
3**	4287.000	37.67	-3.01	54.0	16.33	AV	320.00	150	Vertical	Pass
4	5218.000	105.54	-0.92	--	24.46	Peak	130.00	150	Vertical	N/A
4**	5218.000	97.38	-0.92	--	-97.38	AV	130.00	150	Vertical	N/A
5	12492.075	50.97	0.16	74.0	23.03	Peak	0.00	150	Vertical	Pass
5**	12492.075	41.48	0.16	54.0	12.52	AV	0.00	150	Vertical	Pass
6	15711.526	52.91	1.39	74.0	21.09	Peak	7.00	150	Vertical	Pass
6**	15711.526	41.69	1.39	54.0	12.31	AV	7.00	150	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	1169.250	39.52	-15.48	74.0	34.48	Peak	133.00	150	Horizontal	Pass
1**	1169.250	28.14	-15.48	54.0	25.86	AV	133.00	150	Horizontal	Pass
2	1461.750	39.65	-15.45	74.0	34.35	Peak	115.00	150	Horizontal	Pass
2**	1461.750	28.10	-15.45	54.0	25.90	AV	115.00	150	Horizontal	Pass
3	4226.000	48.38	-3.04	74.0	25.62	Peak	360.00	150	Horizontal	Pass
3**	4226.000	37.42	-3.04	54.0	16.58	AV	360.00	150	Horizontal	Pass
4	5194.000	103.70	-1.09	--	34.30	Peak	138.00	150	Horizontal	N/A
4**	5194.000	95.78	-1.09	--	-95.78	AV	138.00	150	Horizontal	N/A
5	11295.549	50.80	-1.65	74.0	23.20	Peak	221.00	150	Horizontal	Pass
5**	11295.549	39.54	-1.65	54.0	14.46	AV	221.00	150	Horizontal	Pass
6	15933.075	52.18	1.33	74.0	21.82	Peak	276.00	150	Horizontal	Pass
6**	15933.075	41.72	1.33	54.0	12.28	AV	276.00	150	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	1135.000	39.36	-15.49	74.0	34.64	Peak	322.00	150	Vertical	Pass
1**	1135.000	27.74	-15.49	54.0	26.26	AV	322.00	150	Vertical	Pass
2	1501.250	39.95	-15.35	74.0	34.05	Peak	244.00	150	Vertical	Pass
2**	1501.250	28.54	-15.35	54.0	25.46	AV	244.00	150	Vertical	Pass
3	4736.500	50.41	-1.94	74.0	23.59	Peak	360.00	150	Vertical	Pass
3**	4736.500	38.86	-1.94	54.0	15.14	AV	360.00	150	Vertical	Pass
4	5187.500	102.07	-1.00	--	15.93	Peak	118.00	150	Vertical	N/A
4**	5187.500	94.14	-1.00	--	-94.14	AV	118.00	150	Vertical	N/A
5	12506.563	51.49	-0.11	74.0	22.51	Peak	0.00	150	Vertical	Pass
5**	12506.563	41.38	-0.11	54.0	12.62	AV	0.00	150	Vertical	Pass
6	15881.099	52.29	1.74	74.0	21.71	Peak	0.00	150	Vertical	Pass
6**	15881.099	43.25	1.74	54.0	10.75	AV	0.00	150	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	1171.000	39.50	-15.49	74.0	34.50	Peak	358.00	150	Horizontal	Pass
1**	1171.000	27.97	-15.49	54.0	26.03	AV	358.00	150	Horizontal	Pass
2	1679.750	39.84	-15.43	74.0	34.16	Peak	0.00	150	Horizontal	Pass
2**	1679.750	28.62	-15.43	54.0	25.38	AV	0.00	150	Horizontal	Pass
3	4249.000	48.65	-2.71	74.0	25.35	Peak	220.00	150	Horizontal	Pass
3**	4249.000	37.45	-2.71	54.0	16.55	AV	220.00	150	Horizontal	Pass
4	5221.000	101.04	-0.85	--	39.96	Peak	141.00	150	Horizontal	N/A
4**	5221.000	91.69	-0.85	--	-91.69	AV	141.00	150	Horizontal	N/A
5	12456.925	51.41	0.00	74.0	22.59	Peak	28.00	150	Horizontal	Pass
5**	12456.925	40.96	0.00	54.0	13.04	AV	28.00	150	Horizontal	Pass
6	15444.825	52.89	1.42	74.0	21.11	Peak	172.00	150	Horizontal	Pass
6**	15444.825	42.12	1.42	54.0	11.88	AV	172.00	150	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	1208.000	38.92	-15.46	74.0	35.08	Peak	35.00	150	Vertical	Pass
1**	1208.000	28.02	-15.46	54.0	25.98	AV	35.00	150	Vertical	Pass
2	1614.500	40.58	-15.16	74.0	33.42	Peak	294.00	150	Vertical	Pass
2**	1614.500	28.90	-15.16	54.0	25.10	AV	294.00	150	Vertical	Pass
3	4211.500	48.32	-2.38	74.0	25.68	Peak	203.00	150	Vertical	Pass
3**	4211.500	37.54	-2.38	54.0	16.46	AV	203.00	150	Vertical	Pass
4	5208.500	100.08	-0.89	--	10.92	Peak	111.00	150	Vertical	N/A
4**	5208.500	92.43	-0.89	--	-92.43	AV	111.00	150	Vertical	N/A
5	12497.537	51.33	0.20	74.0	22.67	Peak	354.00	150	Vertical	Pass
5**	12497.537	41.23	0.20	54.0	12.77	AV	354.00	150	Vertical	Pass
6	15595.763	52.33	0.31	74.0	21.67	Peak	345.00	150	Vertical	Pass
6**	15595.763	41.21	0.31	54.0	12.79	AV	345.00	150	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	1202.500	38.80	-15.29	74.0	35.20	Peak	203.00	150	Horizontal	Pass
1**	1202.500	28.34	-15.29	54.0	25.66	AV	203.00	150	Horizontal	Pass
2	1604.500	39.87	-15.22	74.0	34.13	Peak	147.00	150	Horizontal	Pass
2**	1604.500	28.57	-15.22	54.0	25.43	AV	147.00	150	Horizontal	Pass
3	4073.000	48.20	-3.64	74.0	25.80	Peak	230.00	150	Horizontal	Pass
3**	4073.000	36.76	-3.64	54.0	17.24	AV	230.00	150	Horizontal	Pass
4	5299.000	105.63	-0.52	--	36.37	Peak	142.00	150	Horizontal	N/A
4**	5299.000	98.06	-0.52	--	-98.06	AV	142.00	150	Horizontal	N/A
5	11270.375	50.26	-1.41	74.0	23.74	Peak	123.00	150	Horizontal	Pass
5**	11270.375	39.78	-1.41	54.0	14.22	AV	123.00	150	Horizontal	Pass
6	15939.637	52.75	1.52	74.0	21.25	Peak	360.00	150	Horizontal	Pass
6**	15939.637	42.65	1.52	54.0	11.35	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1168.750	39.08	-15.48	74.0	34.92	Peak	345.00	150	Vertical	Pass
1**	1168.750	27.65	-15.48	54.0	26.35	AV	345.00	150	Vertical	Pass
2	1549.750	40.09	-15.46	74.0	33.91	Peak	88.00	150	Vertical	Pass
2**	1549.750	28.66	-15.46	54.0	25.34	AV	88.00	150	Vertical	Pass
3	4056.000	48.16	-2.92	74.0	25.84	Peak	5.00	150	Vertical	Pass
3**	4056.000	37.35	-2.92	54.0	16.65	AV	5.00	150	Vertical	Pass
4	5299.000	105.73	-0.52	--	18.27	Peak	124.00	150	Vertical	N/A
4**	5299.000	98.19	-0.52	--	-98.19	AV	124.00	150	Vertical	N/A
5	11962.925	50.08	-1.13	74.0	23.92	Peak	245.00	150	Vertical	Pass
5**	11962.925	39.71	-1.13	54.0	14.29	AV	245.00	150	Vertical	Pass
6	15942.000	52.25	1.62	74.0	21.75	Peak	246.00	150	Vertical	Pass
6**	15942.000	42.84	1.62	54.0	11.16	AV	246.00	150	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	1143.500	38.72	-15.36	74.0	35.28	Peak	277.00	150	Horizontal	Pass
1**	1143.500	27.87	-15.36	54.0	26.13	AV	277.00	150	Horizontal	Pass
2	1573.500	39.42	-15.37	74.0	34.58	Peak	0.00	150	Horizontal	Pass
2**	1573.500	28.19	-15.37	54.0	25.81	AV	0.00	150	Horizontal	Pass
3	3784.500	47.70	-5.03	74.0	26.30	Peak	132.00	150	Horizontal	Pass
3**	3784.500	35.89	-5.03	54.0	18.11	AV	132.00	150	Horizontal	Pass
4	5302.000	106.42	-0.60	--	37.58	Peak	144.00	150	Horizontal	N/A
4**	5302.000	98.78	-0.60	--	-98.78	AV	144.00	150	Horizontal	N/A
5	12503.238	50.81	-0.10	74.0	23.19	Peak	352.00	150	Horizontal	Pass
5**	12503.238	40.47	-0.10	54.0	13.53	AV	352.00	150	Horizontal	Pass
6	15772.425	52.42	0.95	74.0	21.58	Peak	70.00	150	Horizontal	Pass
6**	15772.425	41.58	0.95	54.0	12.42	AV	70.00	150	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	1188.750	39.13	-15.34	74.0	34.87	Peak	353.00	150	Vertical	Pass
1**	1188.750	27.93	-15.34	54.0	26.07	AV	353.00	150	Vertical	Pass
2	1536.750	38.93	-15.43	74.0	35.07	Peak	23.00	150	Vertical	Pass
2**	1536.750	28.66	-15.43	54.0	25.34	AV	23.00	150	Vertical	Pass
3	4116.500	47.74	-3.06	74.0	26.26	Peak	249.00	150	Vertical	Pass
3**	4116.500	37.49	-3.06	54.0	16.51	AV	249.00	150	Vertical	Pass
4	5299.000	106.38	-0.52	--	5.62	Peak	112.00	150	Vertical	N/A
4**	5299.000	98.69	-0.52	--	-98.69	AV	112.00	150	Vertical	N/A
5	11266.338	51.62	-1.53	74.0	22.38	Peak	52.00	150	Vertical	Pass
5**	11266.338	39.68	-1.53	54.0	14.32	AV	52.00	150	Vertical	Pass
6	15957.488	52.24	1.15	74.0	21.76	Peak	273.00	150	Vertical	Pass
6**	15957.488	41.87	1.15	54.0	12.13	AV	273.00	150	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	1136.500	39.18	-15.46	74.0	34.82	Peak	315.00	150	Horizontal	Pass
1**	1136.500	27.54	-15.46	54.0	26.46	AV	315.00	150	Horizontal	Pass
2	1567.250	39.90	-15.20	74.0	34.10	Peak	156.00	150	Horizontal	Pass
2**	1567.250	28.66	-15.20	54.0	25.34	AV	156.00	150	Horizontal	Pass
3	4021.500	48.12	-3.08	74.0	25.88	Peak	17.00	150	Horizontal	Pass
3**	4021.500	36.89	-3.08	54.0	17.11	AV	17.00	150	Horizontal	Pass
4	5271.500	103.43	-0.85	--	36.57	Peak	140.00	150	Horizontal	N/A
4**	5271.500	95.36	-0.85	--	-95.36	AV	140.00	150	Horizontal	N/A
5	11160.887	50.16	-1.15	74.0	23.84	Peak	0.00	150	Horizontal	Pass
5**	11160.887	39.84	-1.15	54.0	14.16	AV	0.00	150	Horizontal	Pass
6	16006.575	52.40	1.04	74.0	21.60	Peak	33.00	150	Horizontal	Pass
6**	16006.575	41.76	1.04	54.0	12.24	AV	33.00	150	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	1182.000	39.27	-15.49	74.0	34.73	Peak	354.00	150	Vertical	Pass
1**	1182.000	27.89	-15.49	54.0	26.11	AV	354.00	150	Vertical	Pass
2	1582.500	38.93	-15.56	74.0	35.07	Peak	355.00	150	Vertical	Pass
2**	1582.500	28.36	-15.56	54.0	25.64	AV	355.00	150	Vertical	Pass
3	4032.500	48.19	-3.14	74.0	25.81	Peak	78.00	150	Vertical	Pass
3**	4032.500	36.93	-3.14	54.0	17.07	AV	78.00	150	Vertical	Pass
4	5268.000	103.02	-0.84	--	5.98	Peak	109.00	150	Vertical	N/A
4**	5268.000	94.91	-0.84	--	-94.91	AV	109.00	150	Vertical	N/A
5	11906.400	51.26	-0.90	74.0	22.74	Peak	360.00	150	Vertical	Pass
5**	11906.400	40.12	-0.90	54.0	13.88	AV	360.00	150	Vertical	Pass
6	15612.037	51.94	0.97	74.0	22.06	Peak	360.00	150	Vertical	Pass
6**	15612.037	41.36	0.97	54.0	12.64	AV	360.00	150	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	1144.250	39.17	-15.39	74.0	34.83	Peak	187.00	150	Horizontal	Pass
1**	1144.250	27.95	-15.39	54.0	26.05	AV	187.00	150	Horizontal	Pass
2	1549.000	39.23	-15.46	74.0	34.77	Peak	0.00	150	Horizontal	Pass
2**	1549.000	28.08	-15.46	54.0	25.92	AV	0.00	150	Horizontal	Pass
3	4123.500	47.67	-3.40	74.0	26.33	Peak	3.00	150	Horizontal	Pass
3**	4123.500	36.82	-3.40	54.0	17.18	AV	3.00	150	Horizontal	Pass
4	5288.000	100.79	-0.62	--	35.21	Peak	136.00	150	Horizontal	N/A
4**	5288.000	92.60	-0.62	--	-92.60	AV	136.00	150	Horizontal	N/A
5	12493.500	50.78	0.14	74.0	23.22	Peak	360.00	150	Horizontal	Pass
5**	12493.500	40.66	0.14	54.0	13.34	AV	360.00	150	Horizontal	Pass
6	15936.224	52.32	1.54	74.0	21.68	Peak	205.00	150	Horizontal	Pass
6**	15936.224	42.47	1.54	54.0	11.53	AV	205.00	150	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	1202.250	38.77	-15.28	74.0	35.23	Peak	0.00	150	Vertical	Pass
1**	1202.250	28.15	-15.28	54.0	25.85	AV	0.00	150	Vertical	Pass
2	1451.750	39.81	-15.34	74.0	34.19	Peak	302.00	150	Vertical	Pass
2**	1451.750	28.18	-15.34	54.0	25.82	AV	302.00	150	Vertical	Pass
3	4263.000	48.61	-2.90	74.0	25.39	Peak	160.00	150	Vertical	Pass
3**	4263.000	37.10	-2.90	54.0	16.90	AV	160.00	150	Vertical	Pass
4	5285.500	100.67	-0.69	--	18.33	Peak	119.00	150	Vertical	N/A
4**	5285.500	92.77	-0.69	--	-92.77	AV	119.00	150	Vertical	N/A
5	11232.137	50.49	-1.40	74.0	23.51	Peak	148.00	150	Vertical	Pass
5**	11232.137	39.79	-1.40	54.0	14.21	AV	148.00	150	Vertical	Pass
6	16016.550	52.40	1.29	74.0	21.60	Peak	313.00	150	Vertical	Pass
6**	16016.550	41.86	1.29	54.0	12.14	AV	313.00	150	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	1160.250	39.43	-15.47	74.0	34.57	Peak	50.00	150	Horizontal	Pass
1**	1160.250	27.73	-15.47	54.0	26.27	AV	50.00	150	Horizontal	Pass
2	1558.750	39.30	-15.24	74.0	34.70	Peak	155.00	150	Horizontal	Pass
2**	1558.750	28.25	-15.24	54.0	25.75	AV	155.00	150	Horizontal	Pass
3	4105.000	47.67	-3.31	74.0	26.33	Peak	64.00	150	Horizontal	Pass
3**	4105.000	37.27	-3.31	54.0	16.73	AV	64.00	150	Horizontal	Pass
4	5581.500	105.40	-0.71	--	37.60	Peak	143.00	150	Horizontal	N/A
4**	5581.500	97.35	-0.71	--	-97.35	AV	143.00	150	Horizontal	N/A
5	12550.500	50.42	-0.38	74.0	23.58	Peak	291.00	150	Horizontal	Pass
5**	12550.500	40.30	-0.38	54.0	13.70	AV	291.00	150	Horizontal	Pass
6	16018.912	52.77	0.73	74.0	21.23	Peak	174.00	150	Horizontal	Pass
6**	16018.912	41.67	0.73	54.0	12.33	AV	174.00	150	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	1146.500	38.92	-15.35	74.0	35.08	Peak	346.00	150	Vertical	Pass
1**	1146.500	27.68	-15.35	54.0	26.32	AV	346.00	150	Vertical	Pass
2	1480.000	39.56	-15.65	74.0	34.44	Peak	198.00	150	Vertical	Pass
2**	1480.000	28.16	-15.65	54.0	25.84	AV	198.00	150	Vertical	Pass
3	3933.000	47.94	-2.73	74.0	26.06	Peak	132.00	150	Vertical	Pass
3**	3933.000	36.86	-2.73	54.0	17.14	AV	132.00	150	Vertical	Pass
4	5579.000	105.63	-0.74	--	7.37	Peak	113.00	150	Vertical	N/A
4**	5579.000	97.95	-0.74	--	-97.95	AV	113.00	150	Vertical	N/A
5	11301.963	50.42	-1.32	74.0	23.58	Peak	354.00	150	Vertical	Pass
5**	11301.963	39.42	-1.32	54.0	14.58	AV	354.00	150	Vertical	Pass
6	15941.737	52.26	1.61	74.0	21.74	Peak	1.00	150	Vertical	Pass
6**	15941.737	42.59	1.61	54.0	11.41	AV	1.00	150	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	1163.000	38.99	-15.49	74.0	35.01	Peak	0.00	150	Horizontal	Pass
1**	1163.000	27.67	-15.49	54.0	26.33	AV	0.00	150	Horizontal	Pass
2	1556.000	39.23	-15.29	74.0	34.77	Peak	118.00	150	Horizontal	Pass
2**	1556.000	28.22	-15.29	54.0	25.78	AV	118.00	150	Horizontal	Pass
3	4099.000	47.61	-3.65	74.0	26.39	Peak	71.00	150	Horizontal	Pass
3**	4099.000	37.06	-3.65	54.0	16.94	AV	71.00	150	Horizontal	Pass
4	5581.000	106.18	-0.71	--	33.82	Peak	140.00	150	Horizontal	N/A
4**	5581.000	98.05	-0.71	--	-98.05	AV	140.00	150	Horizontal	N/A
5	11245.200	50.53	-1.56	74.0	23.47	Peak	240.00	150	Horizontal	Pass
5**	11245.200	39.13	-1.56	54.0	14.87	AV	240.00	150	Horizontal	Pass
6	15943.312	53.74	1.37	74.0	20.26	Peak	345.00	150	Horizontal	Pass
6**	15943.312	42.03	1.37	54.0	11.97	AV	345.00	150	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)	v	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1149.250	39.72	-15.36	74.0	34.28	Peak	38.00	150	Vertical	Pass
1**	1149.250	27.40	-15.36	54.0	26.60	AV	38.00	150	Vertical	Pass
2	1463.250	39.78	-15.45	74.0	34.22	Peak	98.00	150	Vertical	Pass
2**	1463.250	28.81	-15.45	54.0	25.19	AV	98.00	150	Vertical	Pass
3	4189.500	48.51	-2.79	74.0	25.49	Peak	222.00	150	Vertical	Pass
3**	4189.500	37.35	-2.79	54.0	16.65	AV	222.00	150	Vertical	Pass
4	5581.500	106.91	-0.71	--	5.09	Peak	112.00	150	Vertical	N/A
4**	5581.500	99.06	-0.71	--	-99.06	AV	112.00	150	Vertical	N/A
5	11947.725	50.17	-1.20	74.0	23.83	Peak	125.00	150	Vertical	Pass
5**	11947.725	39.31	-1.20	54.0	14.69	AV	125.00	150	Vertical	Pass
6	15975.338	52.66	1.06	74.0	21.34	Peak	277.00	150	Vertical	Pass
6**	15975.338	41.82	1.06	54.0	12.18	AV	277.00	150	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	1199.500	39.02	-15.31	74.0	34.98	Peak	152.00	150	Horizontal	Pass
1**	1199.500	27.79	-15.31	54.0	26.21	AV	152.00	150	Horizontal	Pass
2	1559.750	40.22	-15.23	74.0	33.78	Peak	56.00	150	Horizontal	Pass
2**	1559.750	28.28	-15.23	54.0	25.72	AV	56.00	150	Horizontal	Pass
3	4053.000	47.74	-3.05	74.0	26.26	Peak	301.00	150	Horizontal	Pass
3**	4053.000	36.78	-3.05	54.0	17.22	AV	301.00	150	Horizontal	Pass
4	5588.500	104.19	-0.57	--	35.81	Peak	140.00	150	Horizontal	N/A
4**	5588.500	96.50	-0.57	--	-96.50	AV	140.00	150	Horizontal	N/A
5	11867.688	50.63	-0.66	74.0	23.37	Peak	339.00	150	Horizontal	Pass
5**	11867.688	40.13	-0.66	54.0	13.87	AV	339.00	150	Horizontal	Pass
6	15939.900	52.18	1.52	74.0	21.82	Peak	360.00	150	Horizontal	Pass
6**	15939.900	42.08	1.52	54.0	11.92	AV	360.00	150	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	1210.750	39.57	-15.56	74.0	34.43	Peak	0.00	150	Vertical	Pass
1**	1210.750	28.22	-15.56	54.0	25.78	AV	0.00	150	Vertical	Pass
2	1570.000	39.90	-15.24	74.0	34.10	Peak	223.00	150	Vertical	Pass
2**	1570.000	28.31	-15.24	54.0	25.69	AV	223.00	150	Vertical	Pass
3	4344.500	48.42	-2.33	74.0	25.58	Peak	8.00	150	Vertical	Pass
3**	4344.500	37.40	-2.33	54.0	16.60	AV	8.00	150	Vertical	Pass
4	5587.500	103.30	-0.62	--	5.70	Peak	109.00	150	Vertical	N/A
4**	5587.500	95.49	-0.62	--	-95.49	AV	109.00	150	Vertical	N/A
5	11891.675	50.94	-0.92	74.0	23.06	Peak	265.00	150	Vertical	Pass
5**	11891.675	40.01	-0.92	54.0	13.99	AV	265.00	150	Vertical	Pass
6	15621.224	51.80	1.09	74.0	22.20	Peak	0.00	150	Vertical	Pass
6**	15621.224	41.18	1.09	54.0	12.82	AV	0.00	150	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	1191.250	39.32	-15.25	74.0	34.68	Peak	196.00	150	Horizontal	Pass
1**	1191.250	27.82	-15.25	54.0	26.18	AV	196.00	150	Horizontal	Pass
2	1503.000	39.12	-15.31	74.0	34.88	Peak	343.00	150	Horizontal	Pass
2**	1503.000	28.67	-15.31	54.0	25.33	AV	343.00	150	Horizontal	Pass
3	4170.500	48.16	-3.41	74.0	25.84	Peak	149.00	150	Horizontal	Pass
3**	4170.500	37.23	-3.41	54.0	16.77	AV	149.00	150	Horizontal	Pass
4	5536.500	100.56	-0.69	--	38.44	Peak	139.00	150	Horizontal	N/A
4**	5536.500	92.19	-0.69	--	-92.19	AV	139.00	150	Horizontal	N/A
5	11874.813	50.62	-0.80	74.0	23.38	Peak	0.00	150	Horizontal	Pass
5**	11874.813	39.72	-0.80	54.0	14.28	AV	0.00	150	Horizontal	Pass
6	15902.625	52.04	1.20	74.0	21.96	Peak	278.00	150	Horizontal	Pass
6**	15902.625	41.87	1.20	54.0	12.13	AV	278.00	150	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	1169.000	38.95	-15.48	74.0	35.05	Peak	150.00	150	Vertical	Pass
1**	1169.000	27.68	-15.48	54.0	26.32	AV	150.00	150	Vertical	Pass
2	1551.250	39.46	-15.39	74.0	34.54	Peak	0.00	150	Vertical	Pass
2**	1551.250	28.17	-15.39	54.0	25.83	AV	0.00	150	Vertical	Pass
3	4187.000	47.94	-2.93	74.0	26.06	Peak	332.00	150	Vertical	Pass
3**	4187.000	37.23	-2.93	54.0	16.77	AV	332.00	150	Vertical	Pass
4	5537.500	100.75	-0.72	--	19.25	Peak	120.00	150	Vertical	N/A
4**	5537.500	91.56	-0.72	--	-91.56	AV	120.00	150	Vertical	N/A
5	11164.687	50.49	-1.18	74.0	23.51	Peak	354.00	150	Vertical	Pass
5**	11164.687	39.91	-1.18	54.0	14.09	AV	354.00	150	Vertical	Pass
6	15922.575	52.47	1.05	74.0	21.53	Peak	101.00	150	Vertical	Pass
6**	15922.575	42.08	1.05	54.0	11.92	AV	101.00	150	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	1142.750	38.93	-15.34	74.0	35.07	Peak	315.00	150	Horizontal	Pass
1**	1142.750	28.21	-15.34	54.0	25.79	AV	315.00	150	Horizontal	Pass
2	1516.750	39.30	-15.32	74.0	34.70	Peak	32.00	150	Horizontal	Pass
2**	1516.750	28.25	-15.32	54.0	25.75	AV	32.00	150	Horizontal	Pass
3	4332.000	48.75	-2.54	74.0	25.25	Peak	339.00	150	Horizontal	Pass
3**	4332.000	37.38	-2.54	54.0	16.62	AV	339.00	150	Horizontal	Pass
4	5786.000	104.54	0.38	--	104.46	Peak	209.00	150	Horizontal	N/A
4**	5786.000	96.88	0.38	--	-96.88	AV	209.00	150	Horizontal	N/A
5	11950.576	50.07	-1.17	74.0	23.93	Peak	242.00	150	Horizontal	Pass
5**	11950.576	39.46	-1.17	54.0	14.54	AV	242.00	150	Horizontal	Pass
6	16051.987	52.26	1.62	74.0	21.74	Peak	7.00	150	Horizontal	Pass
6**	16051.987	42.04	1.62	54.0	11.96	AV	7.00	150	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	1143.000	39.31	-15.34	74.0	34.69	Peak	26.00	150	Vertical	Pass
1**	1143.000	27.93	-15.34	54.0	26.07	AV	26.00	150	Vertical	Pass
2	1530.750	40.08	-15.42	74.0	33.92	Peak	31.00	150	Vertical	Pass
2**	1530.750	28.25	-15.42	54.0	25.75	AV	31.00	150	Vertical	Pass
3	4248.000	48.08	-2.63	74.0	25.92	Peak	341.00	150	Vertical	Pass
3**	4248.000	37.60	-2.63	54.0	16.40	AV	341.00	150	Vertical	Pass
4	5783.500	103.98	0.33	--	19.02	Peak	123.00	150	Vertical	N/A
4**	5783.500	96.24	0.33	--	-96.24	AV	123.00	150	Vertical	N/A
5	11935.849	50.31	-1.13	74.0	23.69	Peak	353.00	150	Vertical	Pass
5**	11935.849	39.17	-1.13	54.0	14.83	AV	353.00	150	Vertical	Pass
6	16009.201	51.80	1.21	74.0	22.20	Peak	345.00	150	Vertical	Pass
6**	16009.201	41.71	1.21	54.0	12.29	AV	345.00	150	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	1156.500	38.88	-15.41	74.0	35.12	Peak	282.00	150	Horizontal	Pass
1**	1156.500	27.58	-15.41	54.0	26.42	AV	282.00	150	Horizontal	Pass
2	1530.500	39.15	-15.42	74.0	34.85	Peak	16.00	150	Horizontal	Pass
2**	1530.500	28.30	-15.42	54.0	25.70	AV	16.00	150	Horizontal	Pass
3	4101.000	47.68	-3.56	74.0	26.32	Peak	360.00	150	Horizontal	Pass
3**	4101.000	36.94	-3.56	54.0	17.06	AV	360.00	150	Horizontal	Pass
4	5786.500	105.79	0.39	--	76.21	Peak	182.00	150	Horizontal	N/A
4**	5786.500	97.84	0.39	--	-97.84	AV	182.00	150	Horizontal	N/A
5	11900.937	50.75	-0.86	74.0	23.25	Peak	0.00	150	Horizontal	Pass
5**	11900.937	40.04	-0.86	54.0	13.96	AV	0.00	150	Horizontal	Pass
6	15704.175	52.11	1.07	74.0	21.89	Peak	206.00	150	Horizontal	Pass
6**	15704.175	41.14	1.07	54.0	12.86	AV	206.00	150	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	1170.250	39.18	-15.49	74.0	34.82	Peak	47.00	150	Vertical	Pass
1**	1170.250	27.92	-15.49	54.0	26.08	AV	47.00	150	Vertical	Pass
2	1604.750	39.71	-15.22	74.0	34.29	Peak	331.00	150	Vertical	Pass
2**	1604.750	28.70	-15.22	54.0	25.30	AV	331.00	150	Vertical	Pass
3	3919.500	48.68	-3.07	74.0	25.32	Peak	0.00	150	Vertical	Pass
3**	3919.500	36.29	-3.07	54.0	17.71	AV	0.00	150	Vertical	Pass
4	5787.000	105.33	0.38	--	14.67	Peak	120.00	150	Vertical	N/A
4**	5787.000	97.75	0.38	--	-97.75	AV	120.00	150	Vertical	N/A
5	12014.463	50.96	-1.07	74.0	23.04	Peak	218.00	150	Vertical	Pass
5**	12014.463	39.33	-1.07	54.0	14.67	AV	218.00	150	Vertical	Pass
6	16008.937	52.34	1.19	74.0	21.66	Peak	360.00	150	Vertical	Pass
6**	16008.937	42.11	1.19	54.0	11.89	AV	360.00	150	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	1077.000	39.50	-15.57	74.0	34.50	Peak	0.00	150	Horizontal	Pass
1**	1077.000	27.90	-15.57	54.0	26.10	AV	0.00	150	Horizontal	Pass
2	1598.250	39.39	-15.29	74.0	34.61	Peak	0.00	150	Horizontal	Pass
2**	1598.250	28.33	-15.29	54.0	25.67	AV	0.00	150	Horizontal	Pass
3	4094.500	47.50	-3.75	74.0	26.50	Peak	360.00	150	Horizontal	Pass
3**	4094.500	37.22	-3.75	54.0	16.78	AV	360.00	150	Horizontal	Pass
4	5752.500	103.56	-0.01	--	39.44	Peak	143.00	150	Horizontal	N/A
4**	5752.500	95.78	-0.01	--	-95.78	AV	143.00	150	Horizontal	N/A
5	11124.787	50.18	-1.42	74.0	23.82	Peak	315.00	150	Horizontal	Pass
5**	11124.787	39.55	-1.42	54.0	14.45	AV	315.00	150	Horizontal	Pass
6	15931.237	52.14	1.32	74.0	21.86	Peak	107.00	150	Horizontal	Pass
6**	15931.237	41.95	1.32	54.0	12.05	AV	107.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1201.500	38.76	-15.28	74.0	35.24	Peak	206.00	150	Vertical	Pass
1**	1201.500	28.42	-15.28	54.0	25.58	AV	206.00	150	Vertical	Pass
2	1502.250	38.98	-15.31	74.0	35.02	Peak	235.00	150	Vertical	Pass
2**	1502.250	28.76	-15.31	54.0	25.24	AV	235.00	150	Vertical	Pass
3	4304.500	49.08	-2.69	74.0	24.92	Peak	89.00	150	Vertical	Pass
3**	4304.500	37.85	-2.69	54.0	16.15	AV	89.00	150	Vertical	Pass
4	5753.500	103.08	0.01	--	7.92	Peak	111.00	150	Vertical	N/A
4**	5753.500	95.50	0.01	--	-95.50	AV	111.00	150	Vertical	N/A
5	11078.713	51.08	-1.49	74.0	22.92	Peak	148.00	150	Vertical	Pass
5**	11078.713	38.77	-1.49	54.0	15.23	AV	148.00	150	Vertical	Pass
6	15939.637	51.99	1.52	74.0	22.01	Peak	360.00	150	Vertical	Pass
6**	15939.637	42.26	1.52	54.0	11.74	AV	360.00	150	Vertical	Pass

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

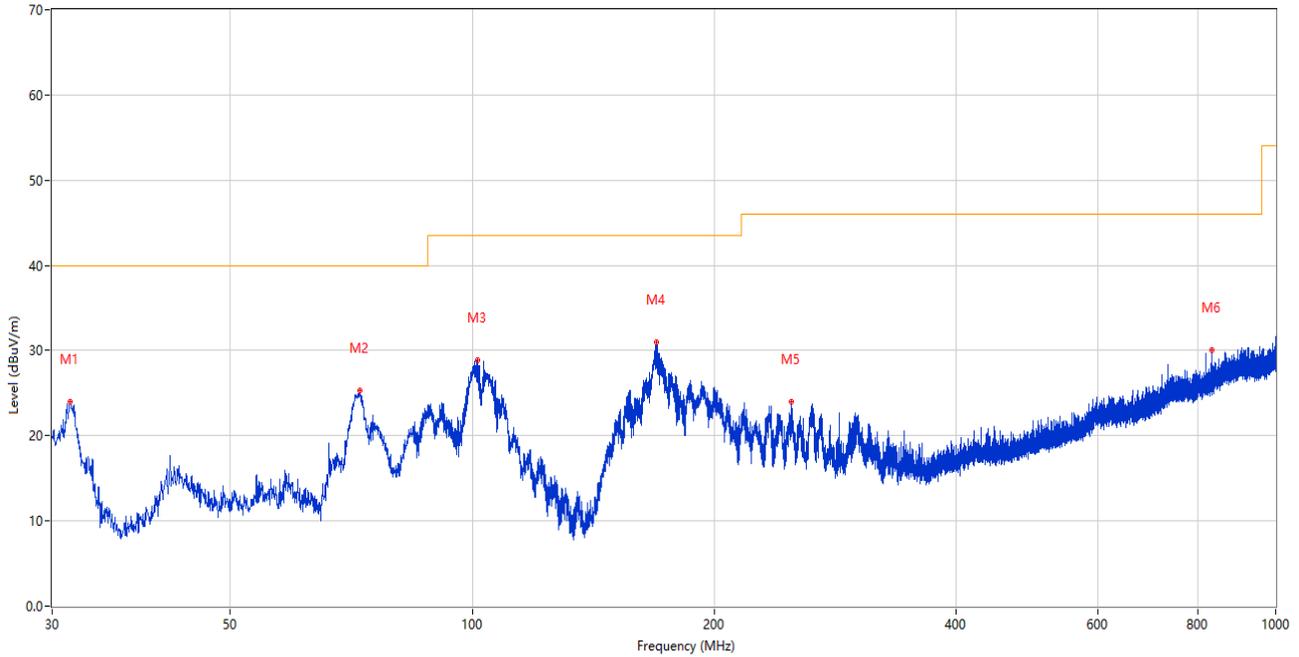
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1158.750	38.99	-15.47	74.0	35.01	Peak	0.00	150	Horizontal	Pass
1**	1158.750	27.87	-15.47	54.0	26.13	AV	0.00	150	Horizontal	Pass
2	1558.750	39.50	-15.24	74.0	34.50	Peak	126.00	150	Horizontal	Pass
2**	1558.750	28.42	-15.24	54.0	25.58	AV	126.00	150	Horizontal	Pass
3	4309.500	48.54	-2.71	74.0	25.46	Peak	22.00	150	Horizontal	Pass
3**	4309.500	37.84	-2.71	54.0	16.16	AV	22.00	150	Horizontal	Pass
4	5768.500	100.63	0.41	--	-11.63	Peak	89.00	150	Horizontal	N/A
4**	5768.500	91.97	0.41	--	-91.97	AV	89.00	150	Horizontal	N/A
5	12014.701	50.46	-1.06	74.0	23.54	Peak	245.00	150	Horizontal	Pass
5**	12014.701	39.58	-1.06	54.0	14.42	AV	245.00	150	Horizontal	Pass
6	15799.200	52.01	0.94	74.0	21.99	Peak	69.00	150	Horizontal	Pass
6**	15799.200	40.59	0.94	54.0	13.41	AV	69.00	150	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	1206.750	39.21	-15.42	74.0	34.79	Peak	101.00	150	Vertical	Pass
1**	1206.750	27.71	-15.42	54.0	26.29	AV	101.00	150	Vertical	Pass
2	1567.250	40.01	-15.20	74.0	33.99	Peak	223.00	150	Vertical	Pass
2**	1567.250	28.43	-15.20	54.0	25.57	AV	223.00	150	Vertical	Pass
3	4216.000	48.18	-2.73	74.0	25.82	Peak	0.00	150	Vertical	Pass
3**	4216.000	37.06	-2.73	54.0	16.94	AV	0.00	150	Vertical	Pass
4	5772.500	100.24	0.44	--	11.76	Peak	112.00	150	Vertical	N/A
4**	5772.500	92.38	0.44	--	-92.38	AV	112.00	150	Vertical	N/A
5	11242.825	50.61	-1.26	74.0	23.39	Peak	28.00	150	Vertical	Pass
5**	11242.825	39.62	-1.26	54.0	14.38	AV	28.00	150	Vertical	Pass
6	16024.950	52.43	0.98	74.0	21.57	Peak	360.00	150	Vertical	Pass
6**	16024.950	41.11	0.98	54.0	12.89	AV	360.00	150	Vertical	Pass

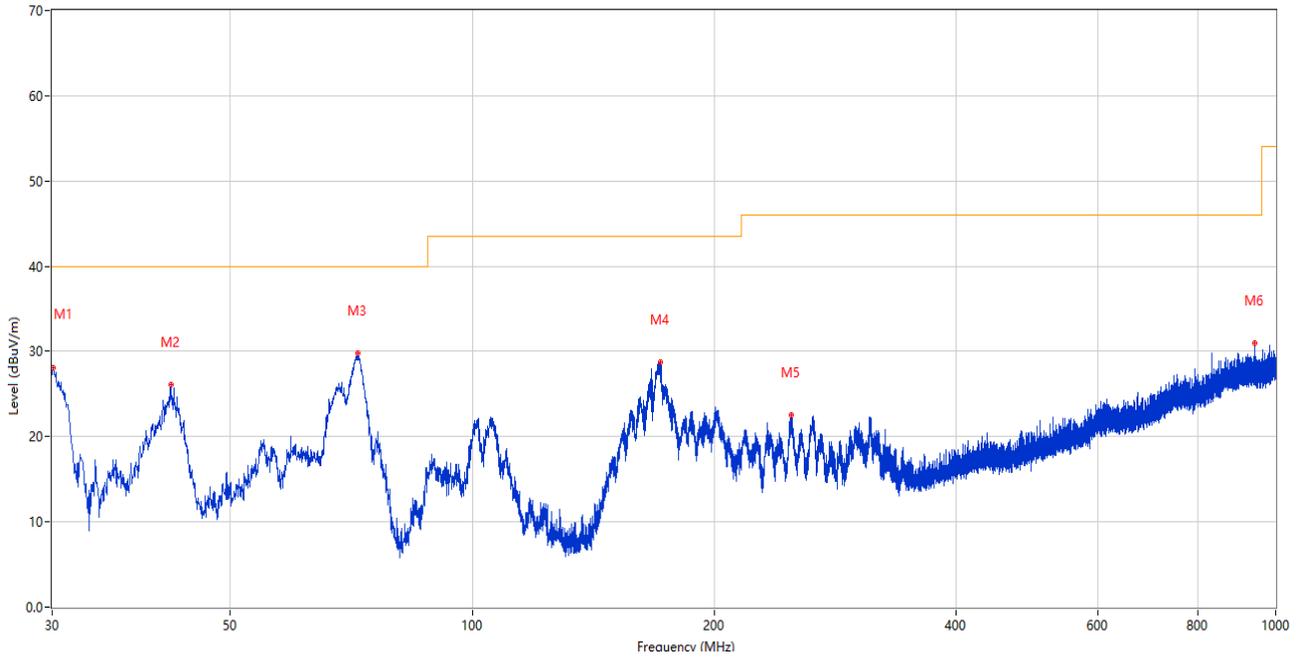
Antenna 1

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	31.601	24.03	-28.92	40.0	15.97	Peak	300.00	100	Horizontal	Pass
2	72.438	25.26	-29.81	40.0	14.74	Peak	360.00	200	Horizontal	Pass
3	101.683	28.85	-26.11	43.5	14.65	Peak	310.00	200	Horizontal	Pass
4	169.632	31.03	-28.40	43.5	12.47	Peak	93.00	200	Horizontal	Pass
5	249.559	24.02	-24.06	46.0	21.98	Peak	247.00	100	Horizontal	Pass
6	832.142	30.12	-10.88	46.0	15.88	Peak	360.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.049	28.03	-28.89	40.0	11.97	Peak	3.00	100	Vertical	Pass
2	42.125	26.12	-25.29	40.0	13.88	Peak	136.00	100	Vertical	Pass
3	72.098	29.80	-29.69	40.0	10.20	Peak	132.00	100	Vertical	Pass
4	171.668	28.69	-28.34	43.5	14.81	Peak	103.00	100	Vertical	Pass
5	249.511	22.54	-24.06	46.0	23.46	Peak	0.00	100	Vertical	Pass
6	941.558	30.97	-9.07	46.0	15.03	Peak	14.00	200	Vertical	Pass

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

11a, U-NII-1, 1 GHz to 18 GHz, 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	1058.500	38.51	-15.64	74.0	35.49	Peak	360.00	150	Horizontal	Pass
1**	1058.500	27.43	-15.64	54.0	26.57	AV	360.00	150	Horizontal	Pass
2	1462.500	39.68	-15.45	74.0	34.32	Peak	33.00	150	Horizontal	Pass
2**	1462.500	28.27	-15.45	54.0	25.73	AV	33.00	150	Horizontal	Pass
3	4058.000	48.04	-2.95	74.0	25.96	Peak	62.00	150	Horizontal	Pass
3**	4058.000	37.41	-2.95	54.0	16.59	AV	62.00	150	Horizontal	Pass
4	5218.000	103.64	-0.92	--	162.36	Peak	266.00	150	Horizontal	N/A
4**	5218.000	95.63	-0.92	--	-95.63	AV	266.00	150	Horizontal	N/A
5	11595.037	49.65	-1.15	74.0	24.35	Peak	354.00	150	Horizontal	Pass
5**	11595.037	38.80	-1.15	54.0	15.20	AV	354.00	150	Horizontal	Pass
6	15705.487	51.20	1.26	74.0	22.80	Peak	0.00	150	Horizontal	Pass
6**	15705.487	41.09	1.26	54.0	12.91	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.750	38.52	-15.47	74.0	35.48	Peak	358.00	150	Vertical	Pass
1**	1167.750	27.52	-15.47	54.0	26.48	AV	358.00	150	Vertical	Pass
2	1604.500	39.90	-15.22	74.0	34.10	Peak	3.00	150	Vertical	Pass
2**	1604.500	28.41	-15.22	54.0	25.59	AV	3.00	150	Vertical	Pass
3	3952.500	48.53	-3.62	74.0	25.47	Peak	0.00	150	Vertical	Pass
3**	3952.500	37.61	-3.62	54.0	16.39	AV	0.00	150	Vertical	Pass
4	5221.500	98.85	-0.84	--	-85.85	Peak	13.00	150	Vertical	N/A
4**	5221.500	91.48	-0.84	--	-91.48	AV	13.00	150	Vertical	N/A
5	11170.625	50.47	-1.26	74.0	23.53	Peak	306.00	150	Vertical	Pass
5**	11170.625	38.47	-1.26	54.0	15.53	AV	306.00	150	Vertical	Pass
6	15845.925	51.55	1.67	74.0	22.45	Peak	88.00	150	Vertical	Pass
6**	15845.925	41.05	1.67	54.0	12.95	AV	88.00	150	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	1131.000	38.57	-15.60	74.0	35.43	Peak	22.00	150	Horizontal	Pass
1**	1131.000	27.57	-15.60	54.0	26.43	AV	22.00	150	Horizontal	Pass
2	1460.000	39.76	-15.41	74.0	34.24	Peak	95.00	150	Horizontal	Pass
2**	1460.000	27.96	-15.41	54.0	26.04	AV	95.00	150	Horizontal	Pass
3	4265.000	49.67	-2.75	74.0	24.33	Peak	353.00	150	Horizontal	Pass
3**	4265.000	38.76	-2.75	54.0	15.24	AV	353.00	150	Horizontal	Pass
4	5221.500	104.85	-0.84	--	76.15	Peak	181.00	150	Horizontal	N/A
4**	5221.500	96.86	-0.84	--	-96.86	AV	181.00	150	Horizontal	N/A
5	11829.925	49.88	-1.30	74.0	24.12	Peak	328.00	150	Horizontal	Pass
5**	11829.925	39.05	-1.30	54.0	14.95	AV	328.00	150	Horizontal	Pass
6	15953.812	51.51	1.16	74.0	22.49	Peak	121.00	150	Horizontal	Pass
6**	15953.812	40.53	1.16	54.0	13.47	AV	121.00	150	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	1199.250	39.04	-15.30	74.0	34.96	Peak	33.00	150	Vertical	Pass
1**	1199.250	27.81	-15.30	54.0	26.19	AV	33.00	150	Vertical	Pass
2	1496.250	39.26	-15.40	74.0	34.74	Peak	360.00	150	Vertical	Pass
2**	1496.250	28.17	-15.40	54.0	25.83	AV	360.00	150	Vertical	Pass
3	4625.500	51.78	-1.59	74.0	22.22	Peak	0.00	150	Vertical	Pass
3**	4625.500	40.23	-1.59	54.0	13.77	AV	0.00	150	Vertical	Pass
4	5218.500	100.23	-0.91	--	-95.23	Peak	5.00	150	Vertical	N/A
4**	5218.500	92.15	-0.91	--	-92.15	AV	5.00	150	Vertical	N/A
5	11049.263	49.78	-1.16	74.0	24.22	Peak	230.00	150	Vertical	Pass
5**	11049.263	38.39	-1.16	54.0	15.61	AV	230.00	150	Vertical	Pass
6	15938.062	52.05	1.55	74.0	21.95	Peak	339.00	150	Vertical	Pass
6**	15938.062	41.39	1.55	54.0	12.61	AV	339.00	150	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	1105.500	39.37	-15.62	74.0	34.63	Peak	163.00	150	Horizontal	Pass
1**	1105.500	27.41	-15.62	54.0	26.59	AV	163.00	150	Horizontal	Pass
2	1567.500	40.04	-15.21	74.0	33.96	Peak	309.00	150	Horizontal	Pass
2**	1567.500	28.21	-15.21	54.0	25.79	AV	309.00	150	Horizontal	Pass
3	3889.000	48.39	-3.93	74.0	25.61	Peak	356.00	150	Horizontal	Pass
3**	3889.000	37.14	-3.93	54.0	16.86	AV	356.00	150	Horizontal	Pass
4	5180.000	104.85	-0.94	--	75.15	Peak	180.00	150	Horizontal	N/A
4**	5180.000	97.25	-0.94	--	-97.25	AV	180.00	150	Horizontal	N/A
5	11432.112	49.95	-1.23	74.0	24.05	Peak	131.00	150	Horizontal	Pass
5**	11432.112	39.31	-1.23	54.0	14.69	AV	131.00	150	Horizontal	Pass
6	15700.500	51.45	1.18	74.0	22.55	Peak	16.00	150	Horizontal	Pass
6**	15700.500	41.43	1.18	54.0	12.57	AV	16.00	150	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	1195.750	39.26	-15.26	74.0	34.74	Peak	129.00	150	Vertical	Pass
1**	1195.750	27.47	-15.26	54.0	26.53	AV	129.00	150	Vertical	Pass
2	1554.750	39.43	-15.35	74.0	34.57	Peak	24.00	150	Vertical	Pass
2**	1554.750	28.20	-15.35	54.0	25.80	AV	24.00	150	Vertical	Pass
3	3909.000	48.35	-3.50	74.0	25.65	Peak	0.00	150	Vertical	Pass
3**	3909.000	37.63	-3.50	54.0	16.37	AV	0.00	150	Vertical	Pass
4	5180.000	99.04	-0.94	--	-99.04	Peak	0.00	150	Vertical	N/A
4**	5180.000	91.28	-0.94	--	-91.28	AV	0.00	150	Vertical	N/A
5	12164.088	49.85	-1.41	74.0	24.15	Peak	306.00	150	Vertical	Pass
5**	12164.088	38.93	-1.41	54.0	15.07	AV	306.00	150	Vertical	Pass
6	15662.175	51.55	1.53	74.0	22.45	Peak	52.00	150	Vertical	Pass
6**	15662.175	40.91	1.53	54.0	13.09	AV	52.00	150	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	1211.500	38.31	-15.57	74.0	35.69	Peak	212.00	150	Horizontal	Pass
1**	1211.500	27.56	-15.57	54.0	26.44	AV	212.00	150	Horizontal	Pass
2	1498.750	39.39	-15.35	74.0	34.61	Peak	360.00	150	Horizontal	Pass
2**	1498.750	28.00	-15.35	54.0	26.00	AV	360.00	150	Horizontal	Pass
3	3890.500	48.70	-3.98	74.0	25.30	Peak	75.00	150	Horizontal	Pass
3**	3890.500	37.11	-3.98	54.0	16.89	AV	75.00	150	Horizontal	Pass
4	5207.000	99.71	-0.87	--	165.29	Peak	265.00	150	Horizontal	N/A
4**	5207.000	91.92	-0.87	--	-91.92	AV	265.00	150	Horizontal	N/A
5	11926.825	50.36	-1.19	74.0	23.64	Peak	1.00	150	Horizontal	Pass
5**	11926.825	38.82	-1.19	54.0	15.18	AV	1.00	150	Horizontal	Pass
6	16018.388	51.72	0.84	74.0	22.28	Peak	123.00	150	Horizontal	Pass
6**	16018.388	40.37	0.84	54.0	13.63	AV	123.00	150	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	1172.250	38.46	-15.51	74.0	35.54	Peak	317.00	150	Vertical	Pass
1**	1172.250	27.71	-15.51	54.0	26.29	AV	317.00	150	Vertical	Pass
2	1585.250	39.51	-15.54	74.0	34.49	Peak	58.00	150	Vertical	Pass
2**	1585.250	28.30	-15.54	54.0	25.70	AV	58.00	150	Vertical	Pass
3	3939.500	48.37	-3.29	74.0	25.63	Peak	191.00	150	Vertical	Pass
3**	3939.500	38.19	-3.29	54.0	15.81	AV	191.00	150	Vertical	Pass
4	5208.500	94.57	-0.89	--	148.43	Peak	243.00	150	Vertical	N/A
4**	5208.500	86.07	-0.89	--	-86.07	AV	243.00	150	Vertical	N/A
5	11401.475	49.54	-1.33	74.0	24.46	Peak	28.00	150	Vertical	Pass
5**	11401.475	38.93	-1.33	54.0	15.07	AV	28.00	150	Vertical	Pass
6	15717.562	51.91	1.31	74.0	22.09	Peak	193.00	150	Vertical	Pass
6**	15717.562	41.42	1.31	54.0	12.58	AV	193.00	150	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	1156.500	38.49	-15.41	74.0	35.51	Peak	0.00	150	Horizontal	Pass
1**	1156.500	27.65	-15.41	54.0	26.35	AV	0.00	150	Horizontal	Pass
2	1603.500	39.52	-15.25	74.0	34.48	Peak	163.00	150	Horizontal	Pass
2**	1603.500	28.50	-15.25	54.0	25.50	AV	163.00	150	Horizontal	Pass
3	4027.500	48.88	-3.02	74.0	25.12	Peak	306.00	150	Horizontal	Pass
3**	4027.500	37.84	-3.02	54.0	16.16	AV	306.00	150	Horizontal	Pass
4	5297.000	103.73	-0.51	--	158.27	Peak	262.00	150	Horizontal	N/A
4**	5297.000	95.62	-0.51	--	-95.62	AV	262.00	150	Horizontal	N/A
5	11903.549	50.48	-0.80	74.0	23.52	Peak	252.00	150	Horizontal	Pass
5**	11903.549	39.39	-0.80	54.0	14.61	AV	252.00	150	Horizontal	Pass
6	15844.350	51.48	1.57	74.0	22.52	Peak	132.00	150	Horizontal	Pass
6**	15844.350	41.00	1.57	54.0	13.00	AV	132.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1168.750	39.11	-15.48	74.0	34.89	Peak	358.00	150	Vertical	Pass
1**	1168.750	27.84	-15.48	54.0	26.16	AV	358.00	150	Vertical	Pass
2	1568.500	39.68	-15.22	74.0	34.32	Peak	166.00	150	Vertical	Pass
2**	1568.500	28.72	-15.22	54.0	25.28	AV	166.00	150	Vertical	Pass
3	3763.000	48.57	-4.13	74.0	25.43	Peak	315.00	150	Vertical	Pass
3**	3763.000	37.03	-4.13	54.0	16.97	AV	315.00	150	Vertical	Pass
4	5297.500	96.96	-0.52	--	-33.96	Peak	63.00	150	Vertical	N/A
4**	5297.500	88.99	-0.52	--	-88.99	AV	63.00	150	Vertical	N/A
5	11819.000	49.89	-1.41	74.0	24.11	Peak	252.00	150	Vertical	Pass
5**	11819.000	39.39	-1.41	54.0	14.61	AV	252.00	150	Vertical	Pass
6	15490.500	51.79	0.73	74.0	22.21	Peak	202.00	150	Vertical	Pass
6**	15490.500	40.70	0.73	54.0	13.30	AV	202.00	150	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	1158.250	38.70	-15.47	74.0	35.30	Peak	135.00	150	Horizontal	Pass
1**	1158.250	27.88	-15.47	54.0	26.12	AV	135.00	150	Horizontal	Pass
2	1607.750	40.09	-15.19	74.0	33.91	Peak	74.00	150	Horizontal	Pass
2**	1607.750	28.12	-15.19	54.0	25.88	AV	74.00	150	Horizontal	Pass
3	3984.000	48.48	-3.92	74.0	25.52	Peak	230.00	150	Horizontal	Pass
3**	3984.000	37.13	-3.92	54.0	16.87	AV	230.00	150	Horizontal	Pass
4	5298.500	105.18	-0.53	--	156.82	Peak	262.00	150	Horizontal	N/A
4**	5298.500	97.16	-0.53	--	-97.16	AV	262.00	150	Horizontal	N/A
5	11031.925	49.61	-0.77	74.0	24.39	Peak	228.00	150	Horizontal	Pass
5**	11031.925	39.22	-0.77	54.0	14.78	AV	228.00	150	Horizontal	Pass
6	15625.425	51.22	1.44	74.0	22.78	Peak	0.00	150	Horizontal	Pass
6**	15625.425	41.30	1.44	54.0	12.70	AV	0.00	150	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	1193.000	38.84	-15.26	74.0	35.16	Peak	270.00	150	Vertical	Pass
1**	1193.000	27.61	-15.26	54.0	26.39	AV	270.00	150	Vertical	Pass
2	1454.750	39.96	-15.41	74.0	34.04	Peak	181.00	150	Vertical	Pass
2**	1454.750	27.92	-15.41	54.0	26.08	AV	181.00	150	Vertical	Pass
3	4117.000	48.93	-3.08	74.0	25.07	Peak	62.00	150	Vertical	Pass
3**	4117.000	38.11	-3.08	54.0	15.89	AV	62.00	150	Vertical	Pass
4	5299.000	99.34	-0.52	--	141.66	Peak	241.00	150	Vertical	N/A
4**	5299.000	92.06	-0.52	--	-92.06	AV	241.00	150	Vertical	N/A
5	11348.750	50.22	-1.58	74.0	23.78	Peak	54.00	150	Vertical	Pass
5**	11348.750	38.69	-1.58	54.0	15.31	AV	54.00	150	Vertical	Pass
6	15678.188	51.21	1.25	74.0	22.79	Peak	0.00	150	Vertical	Pass
6**	15678.188	40.90	1.25	54.0	13.10	AV	0.00	150	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	1193.750	39.15	-15.23	74.0	34.85	Peak	328.00	150	Horizontal	Pass
1**	1193.750	27.86	-15.23	54.0	26.14	AV	328.00	150	Horizontal	Pass
2	1597.500	39.44	-15.28	74.0	34.56	Peak	286.00	150	Horizontal	Pass
2**	1597.500	28.48	-15.28	54.0	25.52	AV	286.00	150	Horizontal	Pass
3	3868.000	49.41	-4.45	74.0	24.59	Peak	347.00	150	Horizontal	Pass
3**	3868.000	37.53	-4.45	54.0	16.47	AV	347.00	150	Horizontal	Pass
4	5268.000	101.92	-0.84	--	159.08	Peak	261.00	150	Horizontal	N/A
4**	5268.000	94.48	-0.84	--	-94.48	AV	261.00	150	Horizontal	N/A
5	11038.576	50.36	-1.19	74.0	23.64	Peak	55.00	150	Horizontal	Pass
5**	11038.576	38.72	-1.19	54.0	15.28	AV	55.00	150	Horizontal	Pass
6	15679.237	51.45	1.14	74.0	22.55	Peak	135.00	150	Horizontal	Pass
6**	15679.237	41.18	1.14	54.0	12.82	AV	135.00	150	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	1133.750	39.79	-15.55	74.0	34.21	Peak	112.00	150	Vertical	Pass
1**	1133.750	27.68	-15.55	54.0	26.32	AV	112.00	150	Vertical	Pass
2	1513.000	39.97	-15.24	74.0	34.03	Peak	153.00	150	Vertical	Pass
2**	1513.000	28.46	-15.24	54.0	25.54	AV	153.00	150	Vertical	Pass
3	4249.000	49.39	-2.71	74.0	24.61	Peak	1.00	150	Vertical	Pass
3**	4249.000	38.53	-2.71	54.0	15.47	AV	1.00	150	Vertical	Pass
4	5265.500	95.62	-0.96	--	137.38	Peak	233.00	150	Vertical	N/A
4**	5265.500	87.38	-0.96	--	-87.38	AV	233.00	150	Vertical	N/A
5	11817.338	50.44	-1.14	74.0	23.56	Peak	358.00	150	Vertical	Pass
5**	11817.338	39.62	-1.14	54.0	14.38	AV	358.00	150	Vertical	Pass
6	15683.700	51.97	0.76	74.0	22.03	Peak	239.00	150	Vertical	Pass
6**	15683.700	40.86	0.76	54.0	13.14	AV	239.00	150	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	1142.750	40.09	-15.34	74.0	33.91	Peak	303.00	150	Horizontal	Pass
1**	1142.750	27.64	-15.34	54.0	26.36	AV	303.00	150	Horizontal	Pass
2	1500.500	41.27	-15.38	74.0	32.73	Peak	294.00	150	Horizontal	Pass
2**	1500.500	28.19	-15.38	54.0	25.81	AV	294.00	150	Horizontal	Pass
3	3968.500	48.60	-3.25	74.0	25.40	Peak	147.00	150	Horizontal	Pass
3**	3968.500	37.57	-3.25	54.0	16.43	AV	147.00	150	Horizontal	Pass
4	5283.000	99.84	-0.76	--	143.16	Peak	243.00	150	Horizontal	N/A
4**	5283.000	91.14	-0.76	--	-91.14	AV	243.00	150	Horizontal	N/A
5	12227.025	50.23	-1.22	74.0	23.77	Peak	12.00	150	Horizontal	Pass
5**	12227.025	40.17	-1.22	54.0	13.83	AV	12.00	150	Horizontal	Pass
6	15720.450	51.00	1.39	74.0	23.00	Peak	16.00	150	Horizontal	Pass
6**	15720.450	41.62	1.39	54.0	12.38	AV	16.00	150	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	1134.250	39.48	-15.53	74.0	34.52	Peak	285.00	150	Vertical	Pass
1**	1134.250	27.54	-15.53	54.0	26.46	AV	285.00	150	Vertical	Pass
2	1527.750	39.41	-15.45	74.0	34.59	Peak	12.00	150	Vertical	Pass
2**	1527.750	28.28	-15.45	54.0	25.72	AV	12.00	150	Vertical	Pass
3	3931.000	49.36	-2.63	74.0	24.64	Peak	0.00	150	Vertical	Pass
3**	3931.000	37.58	-2.63	54.0	16.42	AV	0.00	150	Vertical	Pass
4	5291.500	93.22	-0.52	--	-88.22	Peak	5.00	150	Vertical	N/A
4**	5291.500	84.89	-0.52	--	-84.89	AV	5.00	150	Vertical	N/A
5	11601.925	50.32	-1.11	74.0	23.68	Peak	360.00	150	Vertical	Pass
5**	11601.925	38.47	-1.11	54.0	15.53	AV	360.00	150	Vertical	Pass
6	15559.012	51.25	0.77	74.0	22.75	Peak	0.00	150	Vertical	Pass
6**	15559.012	40.93	0.77	54.0	13.07	AV	0.00	150	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	1129.750	38.38	-15.62	74.0	35.62	Peak	355.00	150	Horizontal	Pass
1**	1129.750	27.66	-15.62	54.0	26.34	AV	355.00	150	Horizontal	Pass
2	1560.250	39.24	-15.23	74.0	34.76	Peak	57.00	150	Horizontal	Pass
2**	1560.250	28.03	-15.23	54.0	25.97	AV	57.00	150	Horizontal	Pass
3	4260.500	49.53	-3.06	74.0	24.47	Peak	1.00	150	Horizontal	Pass
3**	4260.500	38.90	-3.06	54.0	15.10	AV	1.00	150	Horizontal	Pass
4	5579.000	100.69	-0.74	--	172.31	Peak	273.00	150	Horizontal	N/A
4**	5579.000	93.18	-0.74	--	-93.18	AV	273.00	150	Horizontal	N/A
5	12253.150	50.00	-1.36	74.0	24.00	Peak	106.00	150	Horizontal	Pass
5**	12253.150	39.44	-1.36	54.0	14.56	AV	106.00	150	Horizontal	Pass
6	15463.725	51.67	0.60	74.0	22.33	Peak	204.00	150	Horizontal	Pass
6**	15463.725	40.63	0.60	54.0	13.37	AV	204.00	150	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	1191.500	39.61	-15.26	74.0	34.39	Peak	0.00	150	Vertical	Pass
1**	1191.500	27.85	-15.26	54.0	26.15	AV	0.00	150	Vertical	Pass
2	1511.250	39.26	-15.23	74.0	34.74	Peak	99.00	150	Vertical	Pass
2**	1511.250	28.21	-15.23	54.0	25.79	AV	99.00	150	Vertical	Pass
3	5079.000	52.77	-1.08	74.0	21.23	Peak	317.00	150	Vertical	Pass
3**	5079.000	40.57	-1.08	54.0	13.43	AV	317.00	150	Vertical	Pass
4	5581.000	96.90	-0.71	--	-75.90	Peak	21.00	150	Vertical	N/A
4**	5581.000	89.00	-0.71	--	-89.00	AV	21.00	150	Vertical	N/A
5	11272.750	50.24	-1.51	74.0	23.76	Peak	360.00	150	Vertical	Pass
5**	11272.750	38.71	-1.51	54.0	15.29	AV	360.00	150	Vertical	Pass
6	15674.512	51.48	1.67	74.0	22.52	Peak	28.00	150	Vertical	Pass
6**	15674.512	41.87	1.67	54.0	12.13	AV	28.00	150	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	1110.750	38.63	-15.74	74.0	35.37	Peak	248.00	150	Horizontal	Pass
1**	1110.750	27.29	-15.74	54.0	26.71	AV	248.00	150	Horizontal	Pass
2	1540.250	39.58	-15.47	74.0	34.42	Peak	222.00	150	Horizontal	Pass
2**	1540.250	28.14	-15.47	54.0	25.86	AV	222.00	150	Horizontal	Pass
3	4242.500	49.82	-2.48	74.0	24.18	Peak	148.00	150	Horizontal	Pass
3**	4242.500	38.49	-2.48	54.0	15.51	AV	148.00	150	Horizontal	Pass
4	5581.000	102.69	-0.71	--	150.31	Peak	253.00	150	Horizontal	N/A
4**	5581.000	94.82	-0.71	--	-94.82	AV	253.00	150	Horizontal	N/A
5	11872.437	49.62	-0.73	74.0	24.38	Peak	360.00	150	Horizontal	Pass
5**	11872.437	38.75	-0.73	54.0	15.25	AV	360.00	150	Horizontal	Pass
6	15686.325	51.40	0.89	74.0	22.60	Peak	241.00	150	Horizontal	Pass
6**	15686.325	41.20	0.89	54.0	12.80	AV	241.00	150	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)	v	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1106.000	38.52	-15.64	74.0	35.48	Peak	268.00	150	Vertical	Pass
1**	1106.000	27.46	-15.64	54.0	26.54	AV	268.00	150	Vertical	Pass
2	1596.750	40.08	-15.29	74.0	33.92	Peak	0.00	150	Vertical	Pass
2**	1596.750	28.17	-15.29	54.0	25.83	AV	0.00	150	Vertical	Pass
3	4248.500	49.65	-2.67	74.0	24.35	Peak	233.00	150	Vertical	Pass
3**	4248.500	38.22	-2.67	54.0	15.78	AV	233.00	150	Vertical	Pass
4	5582.500	98.59	-0.68	--	261.41	Peak	360.00	150	Vertical	N/A
4**	5582.500	90.60	-0.68	--	-90.60	AV	360.00	150	Vertical	N/A
5	11520.463	49.78	-1.29	74.0	24.22	Peak	230.00	150	Vertical	Pass
5**	11520.463	39.27	-1.29	54.0	14.73	AV	230.00	150	Vertical	Pass
6	15716.250	51.67	1.26	74.0	22.33	Peak	0.00	150	Vertical	Pass
6**	15716.250	41.29	1.26	54.0	12.71	AV	0.00	150	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	1167.250	38.68	-15.47	74.0	35.32	Peak	42.00	150	Horizontal	Pass
1**	1167.250	27.82	-15.47	54.0	26.18	AV	42.00	150	Horizontal	Pass
2	1565.750	39.24	-15.16	74.0	34.76	Peak	164.00	150	Horizontal	Pass
2**	1565.750	28.61	-15.16	54.0	25.39	AV	164.00	150	Horizontal	Pass
3	4273.500	49.17	-2.34	74.0	24.83	Peak	360.00	150	Horizontal	Pass
3**	4273.500	38.87	-2.34	54.0	15.13	AV	360.00	150	Horizontal	Pass
4	5588.500	98.32	-0.57	--	165.68	Peak	264.00	150	Horizontal	N/A
4**	5588.500	90.76	-0.57	--	-90.76	AV	264.00	150	Horizontal	N/A
5	11819.475	49.97	-1.36	74.0	24.03	Peak	104.00	150	Horizontal	Pass
5**	11819.475	39.32	-1.36	54.0	14.68	AV	104.00	150	Horizontal	Pass
6	15933.338	51.68	1.31	74.0	22.32	Peak	360.00	150	Horizontal	Pass
6**	15933.338	40.88	1.31	54.0	13.12	AV	360.00	150	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	1191.000	38.89	-15.24	74.0	35.11	Peak	119.00	150	Vertical	Pass
1**	1191.000	27.93	-15.24	54.0	26.07	AV	119.00	150	Vertical	Pass
2	1570.000	39.29	-15.24	74.0	34.71	Peak	196.00	150	Vertical	Pass
2**	1570.000	28.66	-15.24	54.0	25.34	AV	196.00	150	Vertical	Pass
3	4287.500	49.69	-3.02	74.0	24.31	Peak	137.00	150	Vertical	Pass
3**	4287.500	38.41	-3.02	54.0	15.59	AV	137.00	150	Vertical	Pass
4	5591.500	96.44	-0.60	--	263.56	Peak	360.00	150	Vertical	N/A
4**	5591.500	88.50	-0.60	--	-88.50	AV	360.00	150	Vertical	N/A
5	11799.525	49.86	-1.38	74.0	24.14	Peak	0.00	150	Vertical	Pass
5**	11799.525	38.68	-1.38	54.0	15.32	AV	0.00	150	Vertical	Pass
6	16010.776	51.57	1.20	74.0	22.43	Peak	309.00	150	Vertical	Pass
6**	16010.776	40.68	1.20	54.0	13.32	AV	309.00	150	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	1180.250	38.62	-15.51	74.0	35.38	Peak	104.00	150	Horizontal	Pass
1**	1180.250	27.73	-15.51	54.0	26.27	AV	104.00	150	Horizontal	Pass
2	1592.250	39.14	-15.39	74.0	34.86	Peak	99.00	150	Horizontal	Pass
2**	1592.250	27.98	-15.39	54.0	26.02	AV	99.00	150	Horizontal	Pass
3	3833.500	48.49	-4.36	74.0	25.51	Peak	126.00	150	Horizontal	Pass
3**	3833.500	37.27	-4.36	54.0	16.73	AV	126.00	150	Horizontal	Pass
4	5523.500	96.07	-0.70	--	156.93	Peak	253.00	150	Horizontal	N/A
4**	5523.500	87.43	-0.70	--	-87.43	AV	253.00	150	Horizontal	N/A
5	11881.224	49.56	-1.18	74.0	24.44	Peak	327.00	150	Horizontal	Pass
5**	11881.224	38.26	-1.18	54.0	15.74	AV	327.00	150	Horizontal	Pass
6	16091.625	52.10	1.68	74.0	21.90	Peak	309.00	150	Horizontal	Pass
6**	16091.625	41.74	1.68	54.0	12.26	AV	309.00	150	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	1067.500	38.58	-15.58	74.0	35.42	Peak	100.00	150	Vertical	Pass
1**	1067.500	27.31	-15.58	54.0	26.69	AV	100.00	150	Vertical	Pass
2	1540.500	39.13	-15.46	74.0	34.87	Peak	65.00	150	Vertical	Pass
2**	1540.500	28.42	-15.46	54.0	25.58	AV	65.00	150	Vertical	Pass
3	4330.000	49.63	-2.65	74.0	24.37	Peak	282.00	150	Vertical	Pass
3**	4330.000	38.50	-2.65	54.0	15.50	AV	282.00	150	Vertical	Pass
4	5523.500	92.88	-0.70	--	267.12	Peak	360.00	150	Vertical	N/A
4**	5523.500	84.74	-0.70	--	-84.74	AV	360.00	150	Vertical	N/A
5	10820.550	49.67	-1.23	74.0	24.33	Peak	358.00	150	Vertical	Pass
5**	10820.550	38.57	-1.23	54.0	15.43	AV	358.00	150	Vertical	Pass
6	15661.650	52.06	1.52	74.0	21.94	Peak	0.00	150	Vertical	Pass
6**	15661.650	40.77	1.52	54.0	13.23	AV	0.00	150	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	1133.500	38.57	-15.55	74.0	35.43	Peak	98.00	150	Horizontal	Pass
1**	1133.500	27.68	-15.55	54.0	26.32	AV	98.00	150	Horizontal	Pass
2	1559.000	39.09	-15.24	74.0	34.91	Peak	121.00	150	Horizontal	Pass
2**	1559.000	28.35	-15.24	54.0	25.65	AV	121.00	150	Horizontal	Pass
3	4305.000	49.84		74.0	24.16	Peak	360.00	150	Horizontal	Pass
3**	4305.000	38.70	-2.70	54.0	15.30	AV	360.00	150	Horizontal	Pass
4	5783.500	101.49	0.33	--	12.51	Peak	114.00	150	Horizontal	N/A
4**	5783.500	93.37	0.33	--	-93.37	AV	114.00	150	Horizontal	N/A
5	12111.362	50.19	-1.04	74.0	23.81	Peak	202.00	150	Horizontal	Pass
5**	12111.362	39.49	-1.04	54.0	14.51	AV	202.00	150	Horizontal	Pass
6	15717.037	51.48	1.30	74.0	22.52	Peak	308.00	150	Horizontal	Pass
6**	15717.037	41.55	1.30	54.0	12.45	AV	308.00	150	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	1153.250	38.58	-15.40	74.0	35.42	Peak	98.00	150	Vertical	Pass
1**	1153.250	27.63	-15.40	54.0	26.37	AV	98.00	150	Vertical	Pass
2	1616.000	39.58	-15.21	74.0	34.42	Peak	0.00	150	Vertical	Pass
2**	1616.000	28.36	-15.21	54.0	25.64	AV	0.00	150	Vertical	Pass
3	4117.000	48.82	-3.08	74.0	25.18	Peak	356.00	150	Vertical	Pass
3**	4117.000	38.25	-3.08	54.0	15.75	AV	356.00	150	Vertical	Pass
4	5787.000	95.69	0.38	--	-94.69	Peak	1.00	150	Vertical	N/A
4**	5787.000	88.04	0.38	--	-88.04	AV	1.00	150	Vertical	N/A
5	11828.500	50.14	-1.19	74.0	23.86	Peak	151.00	150	Vertical	Pass
5**	11828.500	39.18	-1.19	54.0	14.82	AV	151.00	150	Vertical	Pass
6	15669.787	51.86	1.75	74.0	22.14	Peak	133.00	150	Vertical	Pass
6**	15669.787	41.77	1.75	54.0	12.23	AV	133.00	150	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	1065.000	38.45	-15.57	74.0	35.55	Peak	212.00	150	Horizontal	Pass
1**	1065.000	27.07	-15.57	54.0	26.93	AV	212.00	150	Horizontal	Pass
2	1537.250	39.48	-15.42	74.0	34.52	Peak	287.00	150	Horizontal	Pass
2**	1537.250	28.26	-15.42	54.0	25.74	AV	287.00	150	Horizontal	Pass
3	4191.500	49.50	-2.81	74.0	24.50	Peak	190.00	150	Horizontal	Pass
3**	4191.500	38.76	-2.81	54.0	15.24	AV	190.00	150	Horizontal	Pass
4	5787.000	103.20	0.38	--	13.80	Peak	117.00	150	Horizontal	N/A
4**	5787.000	95.84	0.38	--	-95.84	AV	117.00	150	Horizontal	N/A
5	11195.325	49.96	-1.35	74.0	24.04	Peak	259.00	150	Horizontal	Pass
5**	11195.325	38.27	-1.35	54.0	15.73	AV	259.00	150	Horizontal	Pass
6	15714.150	51.26	1.12	74.0	22.74	Peak	360.00	150	Horizontal	Pass
6**	15714.150	42.11	1.12	54.0	11.89	AV	360.00	150	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	1142.250	39.19	-15.35	74.0	34.81	Peak	92.00	150	Vertical	Pass
1**	1142.250	27.46	-15.35	54.0	26.54	AV	92.00	150	Vertical	Pass
2	1466.500	38.99	-15.49	74.0	35.01	Peak	274.00	150	Vertical	Pass
2**	1466.500	28.06	-15.49	54.0	25.94	AV	274.00	150	Vertical	Pass
3	4714.000	50.51	-2.02	74.0	23.49	Peak	127.00	150	Vertical	Pass
3**	4714.000	39.61	-2.02	54.0	14.39	AV	127.00	150	Vertical	Pass
4	5784.000	96.62	0.34	--	91.38	Peak	188.00	150	Vertical	N/A
4**	5784.000	89.26	0.34	--	-89.26	AV	188.00	150	Vertical	N/A
5	12498.725	50.21	0.08	74.0	23.79	Peak	7.00	150	Vertical	Pass
5**	12498.725	40.13	0.08	54.0	13.87	AV	7.00	150	Vertical	Pass
6	15722.812	51.81	1.37	74.0	22.19	Peak	344.00	150	Vertical	Pass
6**	15722.812	41.16	1.37	54.0	12.84	AV	344.00	150	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	1159.000	39.33	-15.47	74.0	34.67	Peak	102.00	150	Horizontal	Pass
1**	1159.000	27.72	-15.47	54.0	26.28	AV	102.00	150	Horizontal	Pass
2	1514.000	40.07	-15.23	74.0	33.93	Peak	242.00	150	Horizontal	Pass
2**	1514.000	27.92	-15.23	54.0	26.08	AV	242.00	150	Horizontal	Pass
3	4668.500	50.54	-2.22	74.0	23.46	Peak	286.00	150	Horizontal	Pass
3**	4668.500	39.47	-2.22	54.0	14.53	AV	286.00	150	Horizontal	Pass
4	5758.500	101.39	0.06	--	23.61	Peak	125.00	150	Horizontal	N/A
4**	5758.500	93.19	0.06	--	-93.19	AV	125.00	150	Horizontal	N/A
5	11278.213	49.76	-1.41	74.0	24.24	Peak	105.00	150	Horizontal	Pass
5**	11278.213	39.00	-1.41	54.0	15.00	AV	105.00	150	Horizontal	Pass
6	15732.525	51.82	0.93	74.0	22.18	Peak	277.00	150	Horizontal	Pass
6**	15732.525	41.62	0.93	54.0	12.38	AV	277.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1183.000	39.02	-15.47	74.0	34.98	Peak	354.00	150	Vertical	Pass
1**	1183.000	27.50	-15.47	54.0	26.50	AV	354.00	150	Vertical	Pass
2	1561.500	39.52	-15.20	74.0	34.48	Peak	185.00	150	Vertical	Pass
2**	1561.500	28.20	-15.20	54.0	25.80	AV	185.00	150	Vertical	Pass
3	4277.500	50.09	-2.44	74.0	23.91	Peak	329.00	150	Vertical	Pass
3**	4277.500	39.24	-2.44	54.0	14.76	AV	329.00	150	Vertical	Pass
4	5752.000	94.33	-0.02	--	243.67	Peak	338.00	150	Vertical	N/A
4**	5752.000	85.99	-0.02	--	-85.99	AV	338.00	150	Vertical	N/A
5	12526.276	51.18	-0.37	74.0	22.82	Peak	360.00	150	Vertical	Pass
5**	12526.276	39.99	-0.37	54.0	14.01	AV	360.00	150	Vertical	Pass
6	15716.250	51.43	1.26	74.0	22.57	Peak	5.00	150	Vertical	Pass
6**	15716.250	42.03	1.26	54.0	11.97	AV	5.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1067.250	38.71	-15.59	74.0	35.29	Peak	0.00	150	Horizontal	Pass
1**	1067.250	27.87	-15.59	54.0	26.13	AV	0.00	150	Horizontal	Pass
2	1596.750	39.50	-15.29	74.0	34.50	Peak	354.00	150	Horizontal	Pass
2**	1596.750	28.11	-15.29	54.0	25.89	AV	354.00	150	Horizontal	Pass
3	4952.000	51.94	-0.59	74.0	22.06	Peak	145.00	150	Horizontal	Pass
3**	4952.000	40.73	-0.59	54.0	13.27	AV	145.00	150	Horizontal	Pass
4	5768.500	98.88	0.41	--	35.12	Peak	134.00	150	Horizontal	N/A
4**	5768.500	89.31	0.41	--	-89.31	AV	134.00	150	Horizontal	N/A
5	11429.500	49.88	-1.30	74.0	24.12	Peak	127.00	150	Horizontal	Pass
5**	11429.500	38.40	-1.30	54.0	15.60	AV	127.00	150	Horizontal	Pass
6	15668.475	51.59	1.67	74.0	22.41	Peak	240.00	150	Horizontal	Pass
6**	15668.475	41.39	1.67	54.0	12.61	AV	240.00	150	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	1138.250	38.27	-15.41	74.0	35.73	Peak	0.00	150	Vertical	Pass
1**	1138.250	27.43	-15.41	54.0	26.57	AV	0.00	150	Vertical	Pass
2	1504.750	39.83	-15.23	74.0	34.17	Peak	0.00	150	Vertical	Pass
2**	1504.750	28.44	-15.23	54.0	25.56	AV	0.00	150	Vertical	Pass
3	4934.000	51.66	-0.78	74.0	22.34	Peak	222.00	150	Vertical	Pass
3**	4934.000	40.89	-0.78	54.0	13.11	AV	222.00	150	Vertical	Pass
4	5768.000	91.72	0.43	--	268.28	Peak	360.00	150	Vertical	N/A
4**	5768.000	83.30	0.43	--	-83.30	AV	360.00	150	Vertical	N/A
5	11491.013	50.30	-1.35	74.0	23.70	Peak	31.00	150	Vertical	Pass
5**	11491.013	38.58	-1.35	54.0	15.42	AV	31.00	150	Vertical	Pass
6	15936.750	52.25	1.54	74.0	21.75	Peak	168.00	150	Vertical	Pass
6**	15936.750	41.41	1.54	54.0	12.59	AV	168.00	150	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

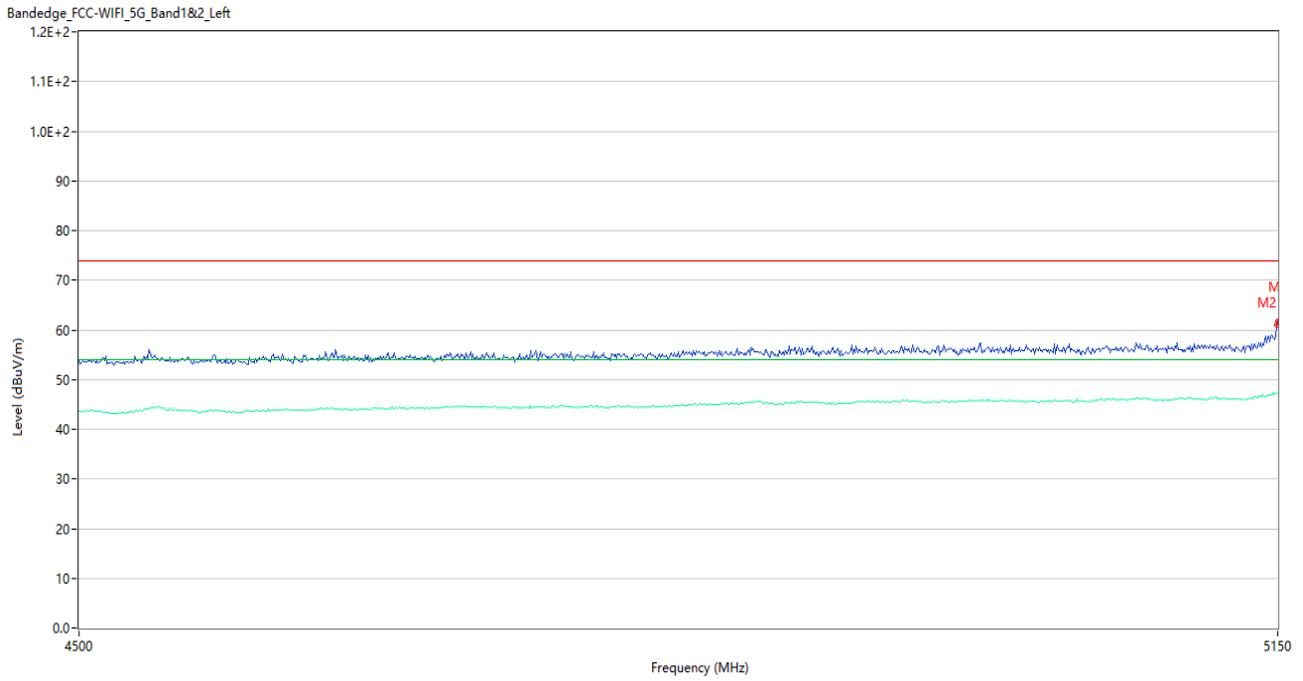
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
802.11ac(VHT80)	Middle	Pass	
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low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

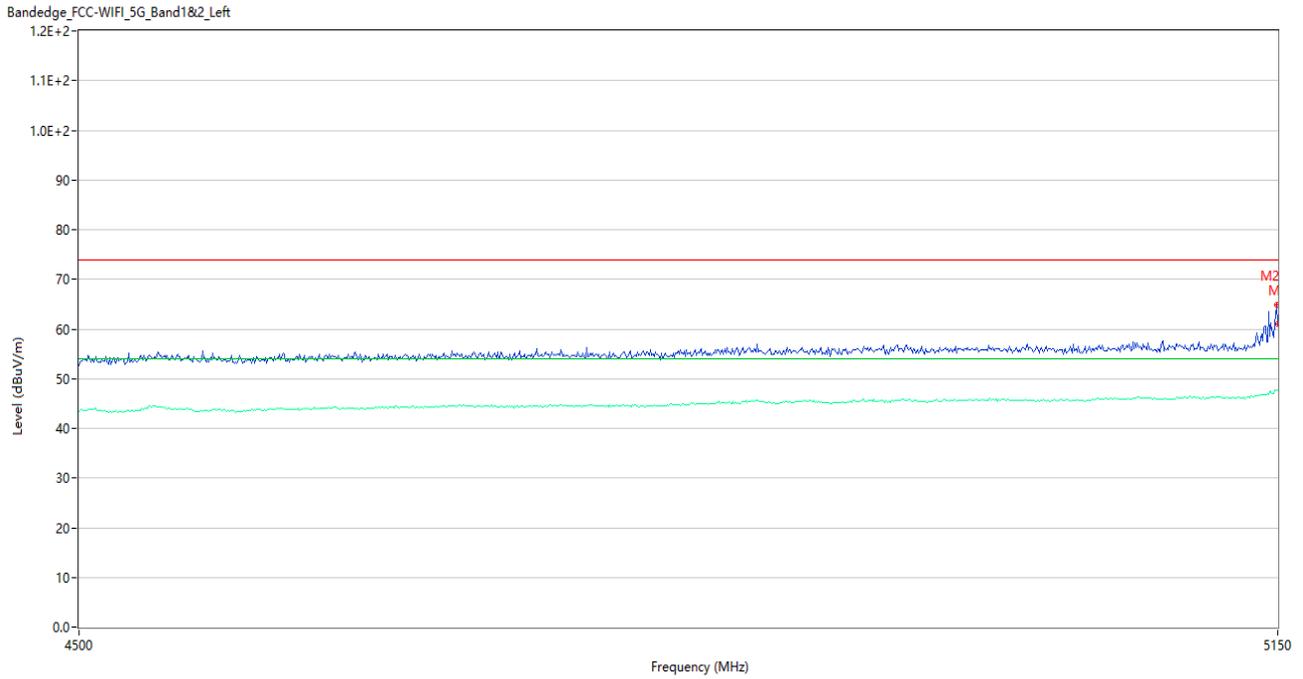
Antenna 0

U-NII-1 11a Low Channel ANT V



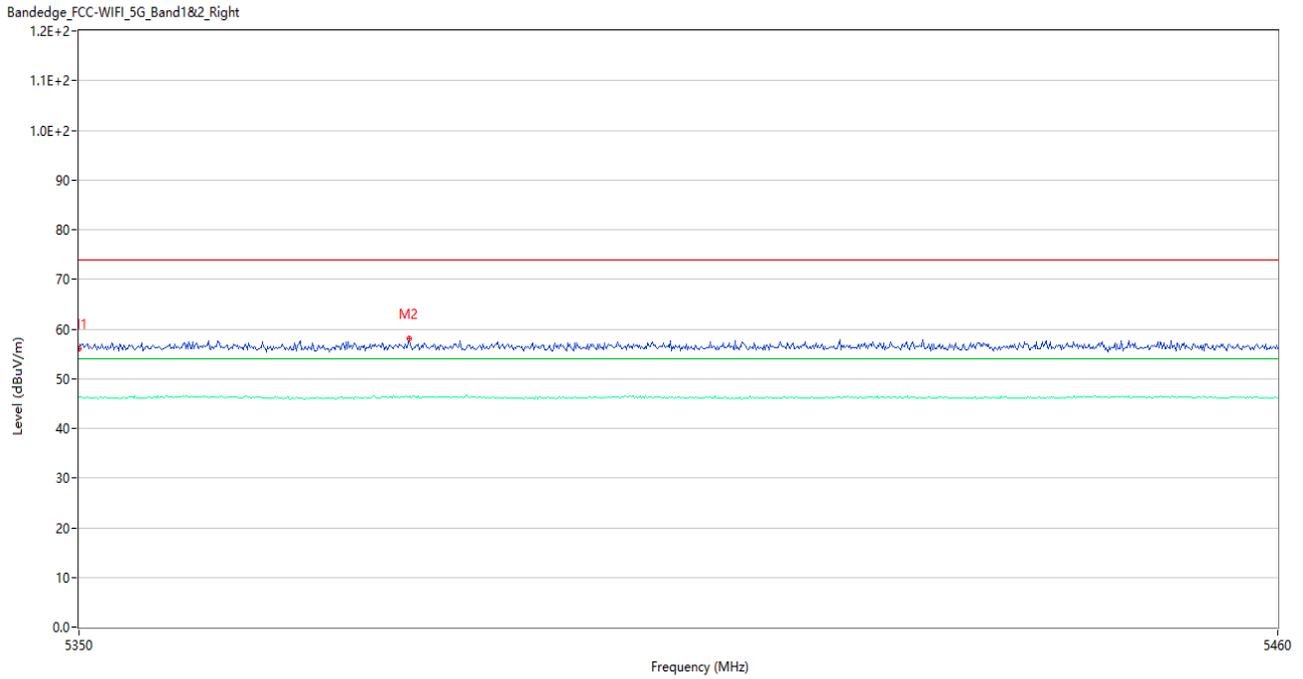
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	61.72	5.21	74.0	12.28	Peak	120.00	150	Vertical	Pass
1**	5150.000	47.16	5.21	54.0	6.84	AV	120.00	150	Vertical	Pass
2	5149.350	60.99	5.21	74.0	13.01	Peak	112.00	150	Vertical	Pass
2**	5149.350	47.24	5.21	54.0	6.76	AV	112.00	150	Vertical	Pass

U-NII-1 11a Low Channel ANT H



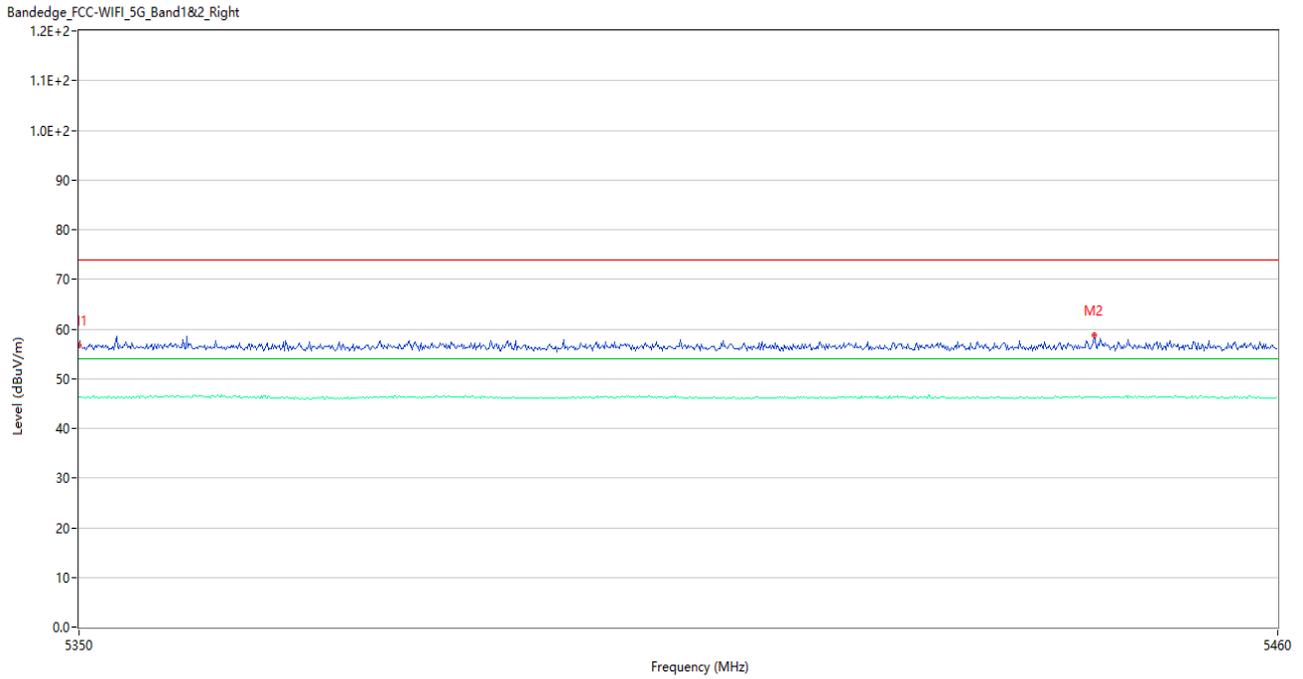
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	61.07	5.21	74.0	12.93	Peak	131.00	150	Horizontal	Pass
1**	5150.000	47.78	5.21	54.0	6.22	AV	131.00	150	Horizontal	Pass
2	5149.350	64.76	5.21	74.0	9.24	Peak	144.00	150	Horizontal	Pass
2**	5149.350	47.71	5.21	54.0	6.29	AV	144.00	150	Horizontal	Pass

U-NII-1 11a High Channel ANT V



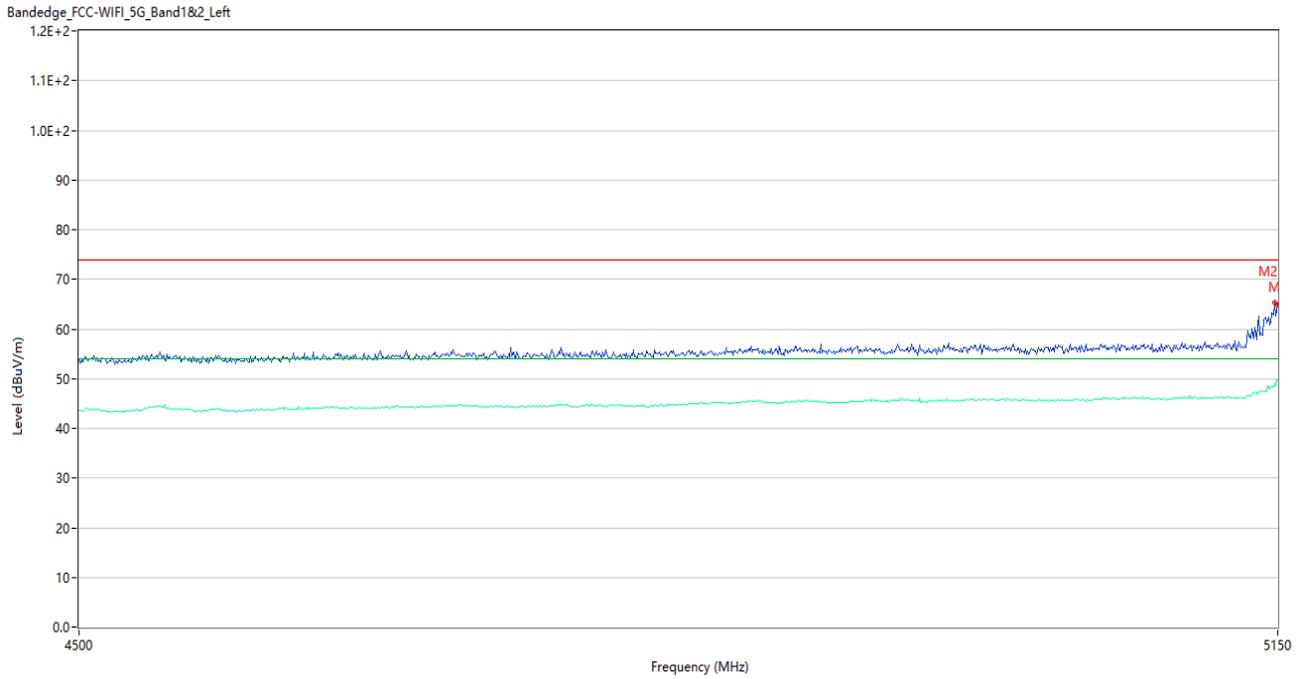
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.15	5.40	74.0	17.85	Peak	0.00	150	Vertical	Pass
1**	5350.000	46.27	5.40	54.0	7.73	AV	0.00	150	Vertical	Pass
2	5380.030	58.04	5.68	74.0	15.96	Peak	101.00	150	Vertical	Pass
2**	5380.030	46.22	5.68	54.0	7.78	AV	101.00	150	Vertical	Pass

U-NII-1 11a High Channel ANT H



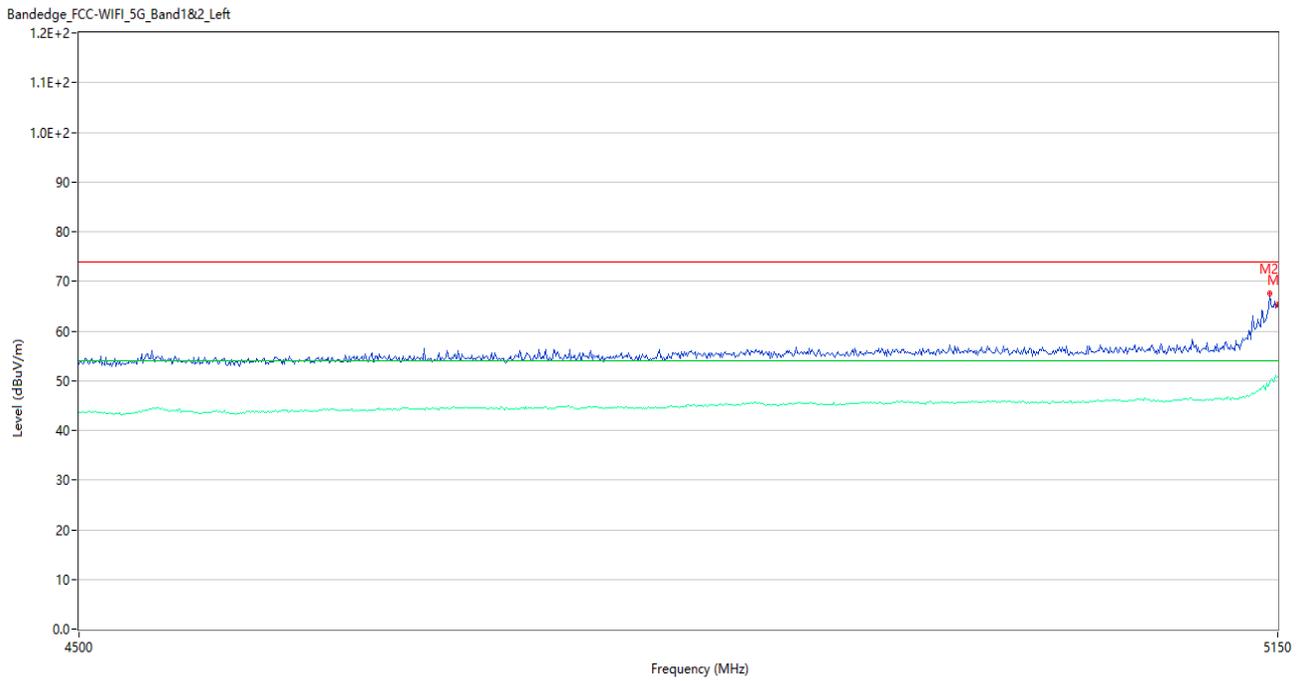
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.65	5.40	74.0	17.35	Peak	38.00	150	Horizontal	Pass
1**	5350.000	46.43	5.40	54.0	7.57	AV	38.00	150	Horizontal	Pass
2	5443.060	58.67	5.54	74.0	15.33	Peak	197.00	150	Horizontal	Pass
2**	5443.060	46.28	5.54	54.0	7.72	AV	197.00	150	Horizontal	Pass

U-NII-1 11ac20 Low Channel ANT V



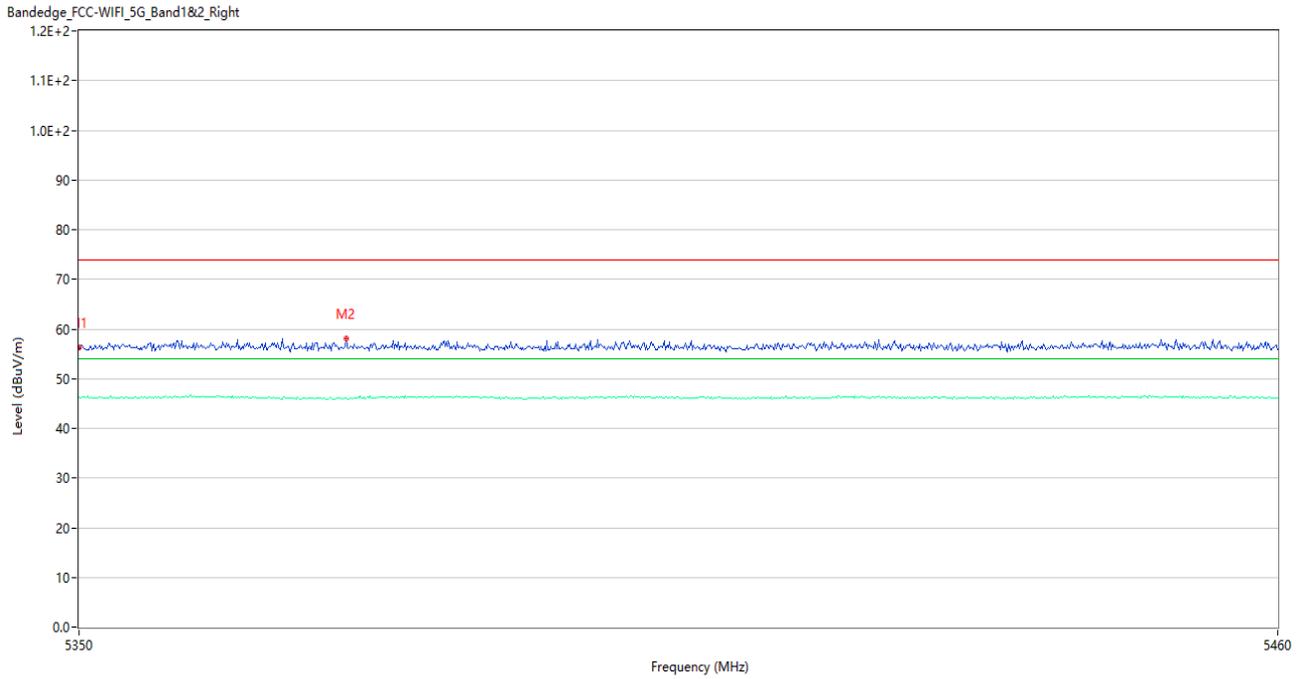
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	64.75	5.21	74.0	9.25	Peak	123.00	150	Vertical	Pass
1**	5150.000	49.64	5.21	54.0	4.36	AV	123.00	150	Vertical	Pass
2	5148.050	65.38	5.26	74.0	8.62	Peak	274.00	150	Vertical	Pass
2**	5148.050	48.97	5.26	54.0	5.03	AV	274.00	150	Vertical	Pass

U-NII-1 11ac20 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	5150.000	65.29	5.21	--	71.71	Peak	137.00	150	Horizontal	Pass
1**	5150.000	50.80	5.21	--	-50.80	AV	137.00	150	Horizontal	Pass
2	5145.450	67.46	5.41	74.0	6.54	Peak	127.00	150	Horizontal	Pass
2**	5145.450	49.82	5.41	54.0	4.18	AV	127.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel ANT V



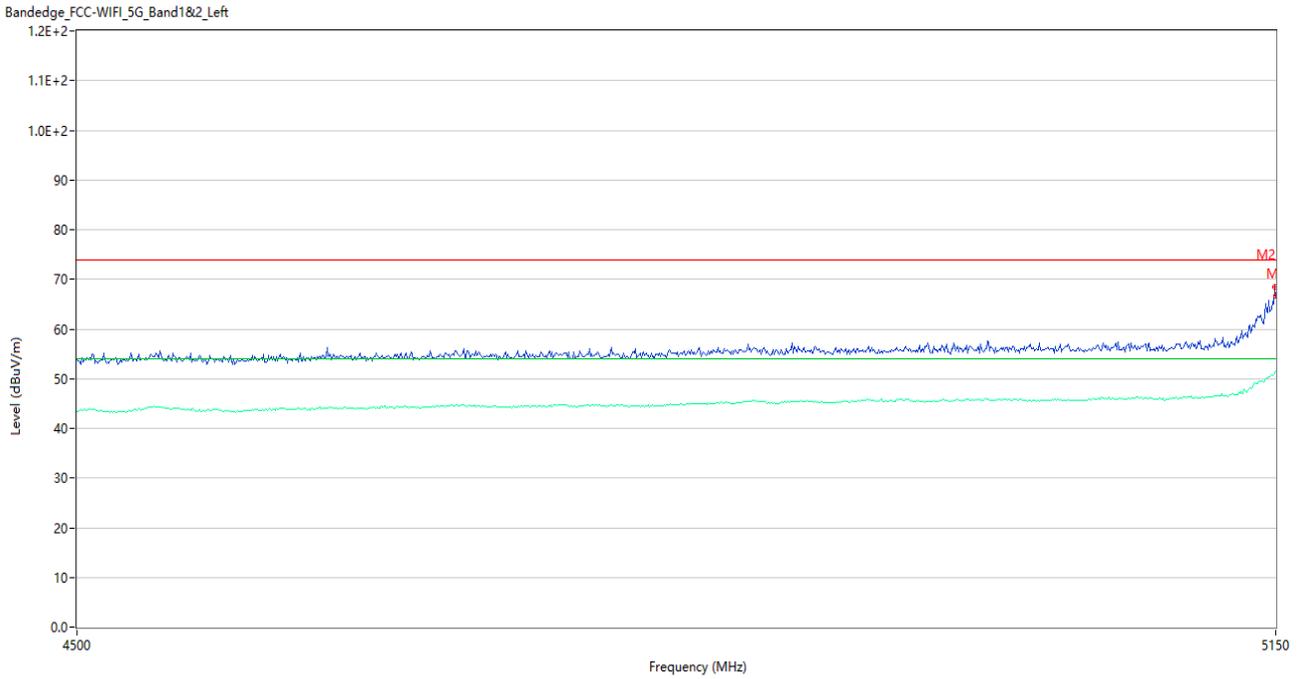
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.21	5.40	74.0	17.79	Peak	0.00	150	Vertical	Pass
1**	5350.000	46.22	5.40	54.0	7.78	AV	0.00	150	Vertical	Pass
2	5374.310	58.15	5.46	74.0	15.85	Peak	83.00	150	Vertical	Pass
2**	5374.310	46.11	5.46	54.0	7.89	AV	83.00	150	Vertical	Pass

U-NII-1 11ac20 High Channel ANT H



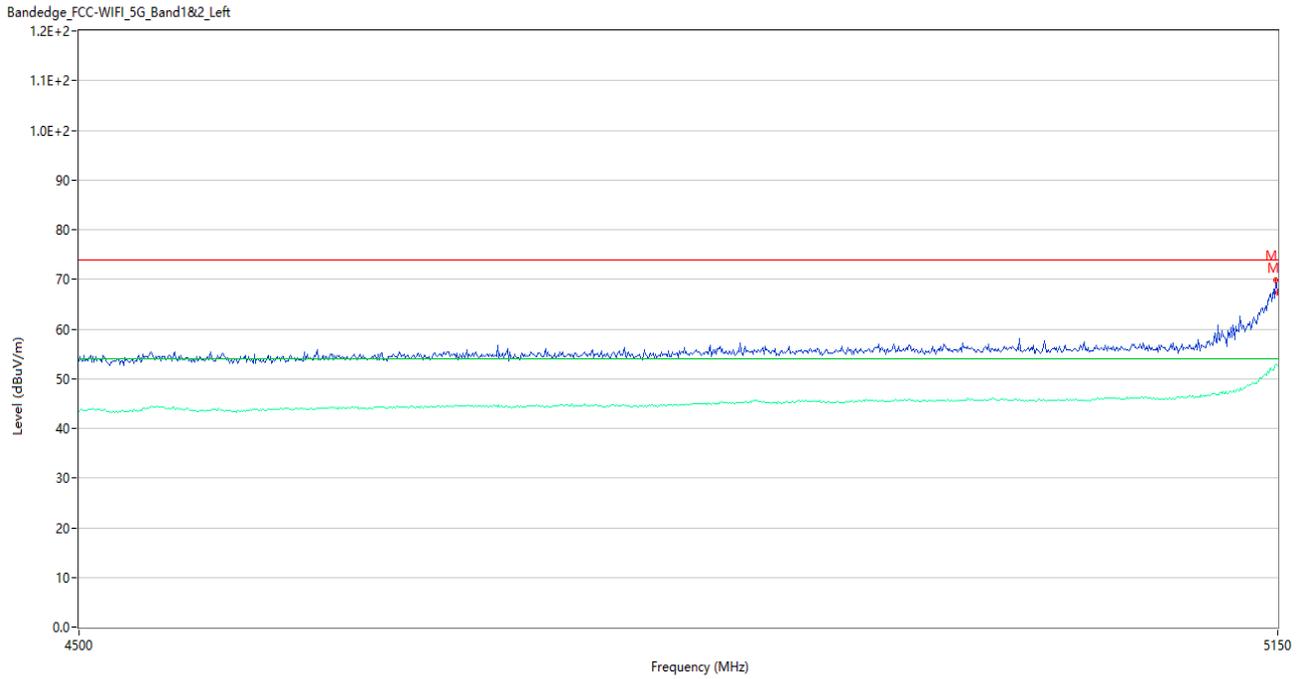
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.29	5.40	74.0	16.71	Peak	301.00	150	Horizontal	Pass
1**	5350.000	46.17	5.40	54.0	7.83	AV	301.00	150	Horizontal	Pass
2	5406.650	58.30	5.35	74.0	15.70	Peak	150.00	150	Horizontal	Pass
2**	5406.650	46.18	5.35	54.0	7.82	AV	150.00	150	Horizontal	Pass

U-NII-1 11ac40 Low Channel ANT V



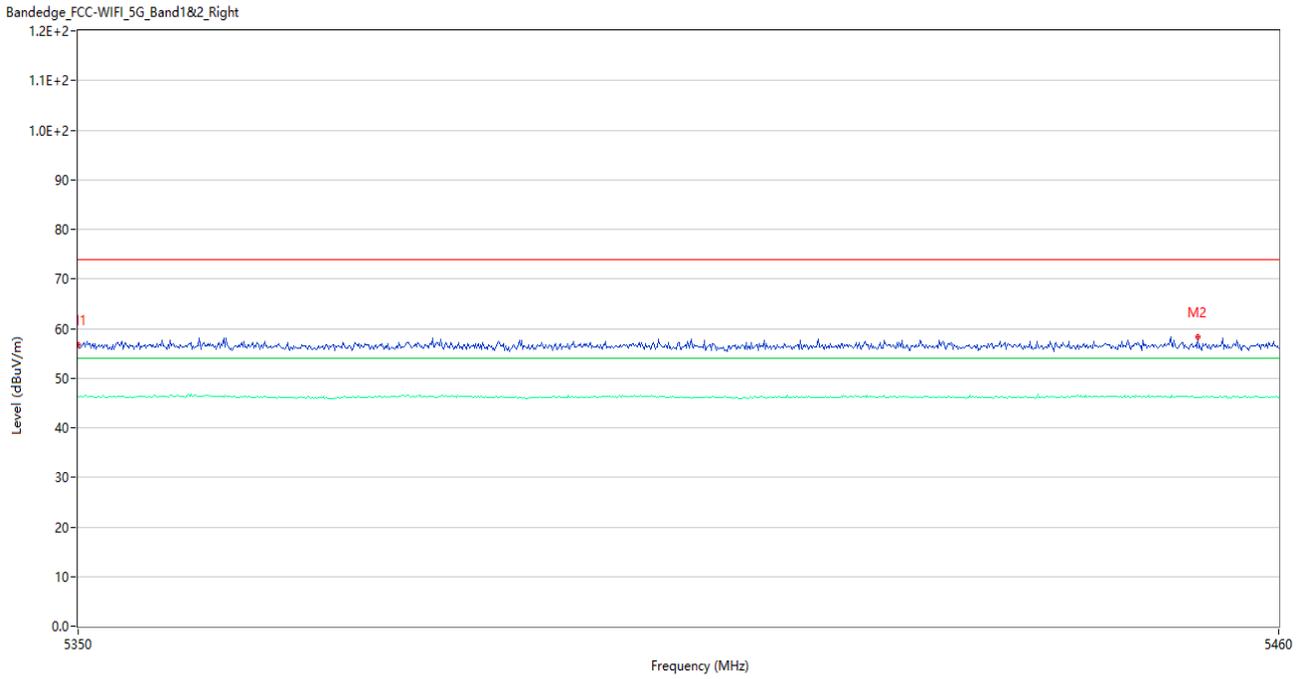
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	66.77	5.21	74.0	7.23	Peak	286.00	150	Vertical	Pass
1**	5150.000	51.49	5.21	54.0	2.51	AV	286.00	150	Vertical	Pass
2	5149.350	68.39	5.21	74.0	5.61	Peak	307.00	150	Vertical	Pass
2**	5149.350	51.06	5.21	54.0	2.94	AV	307.00	150	Vertical	Pass

U-NII-1 11ac40 Low Channel ANT H



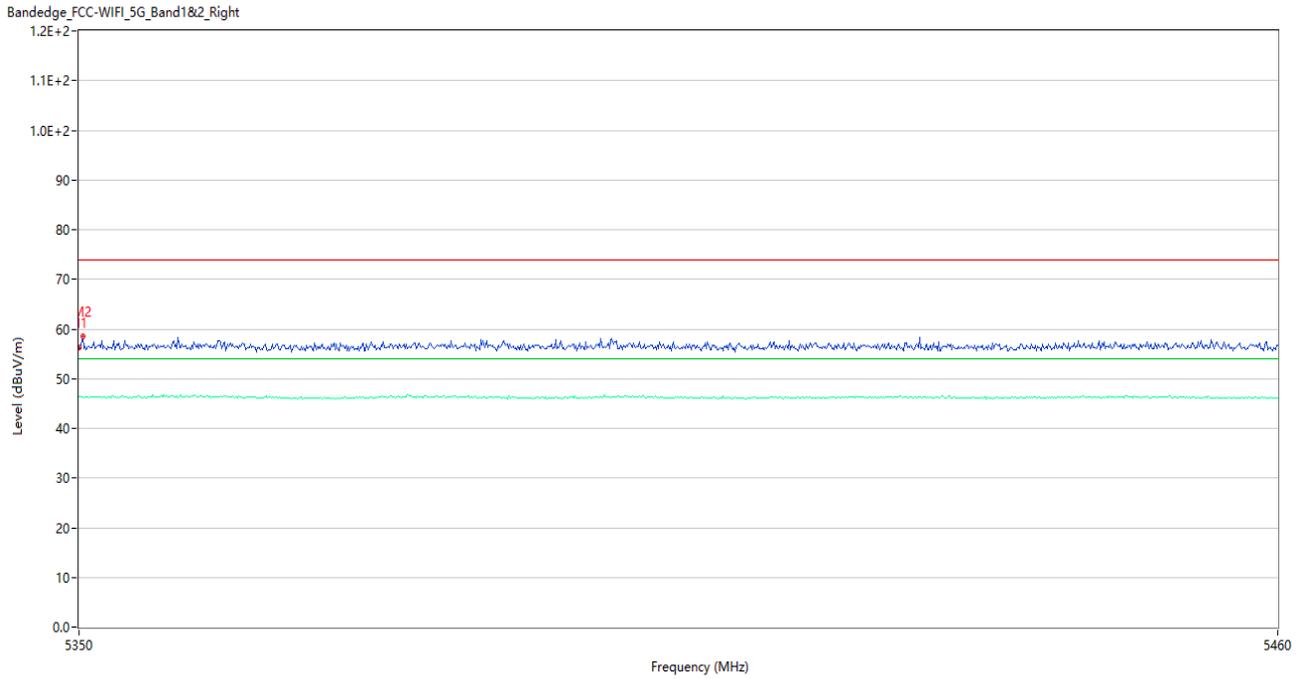
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	67.23	5.21	74.0	6.77	Peak	147.00	150	Horizontal	Pass
1**	5150.000	52.64	5.21	54.0	1.36	AV	147.00	150	Horizontal	Pass
2	5148.700	69.91	5.23	74.0	4.09	Peak	84.00	150	Horizontal	Pass
2**	5148.700	52.85	5.23	54.0	1.15	AV	84.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel ANT V



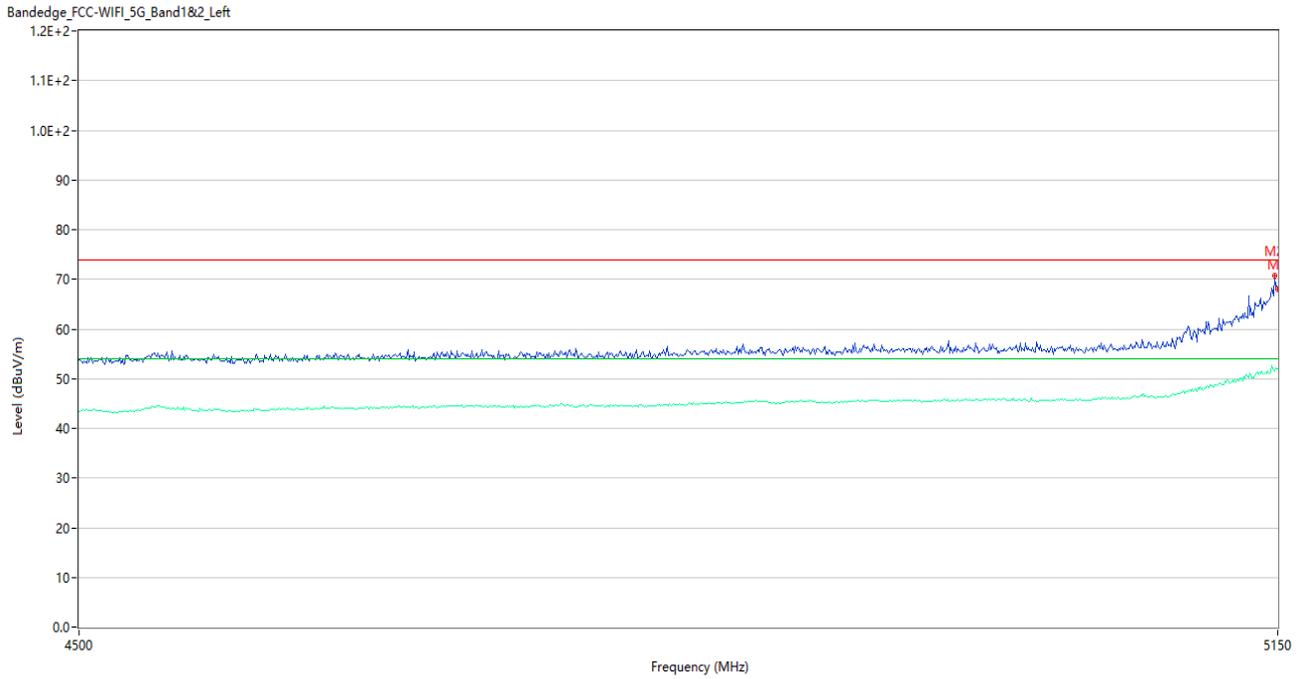
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.79	5.40	74.0	17.21	Peak	202.00	150	Vertical	Pass
1**	5350.000	46.26	5.40	54.0	7.74	AV	202.00	150	Vertical	Pass
2	5452.520	58.36	5.55	74.0	15.64	Peak	294.00	150	Vertical	Pass
2**	5452.520	46.12	5.55	54.0	7.88	AV	294.00	150	Vertical	Pass

U-NII-1 11ac40 High Channel ANT H



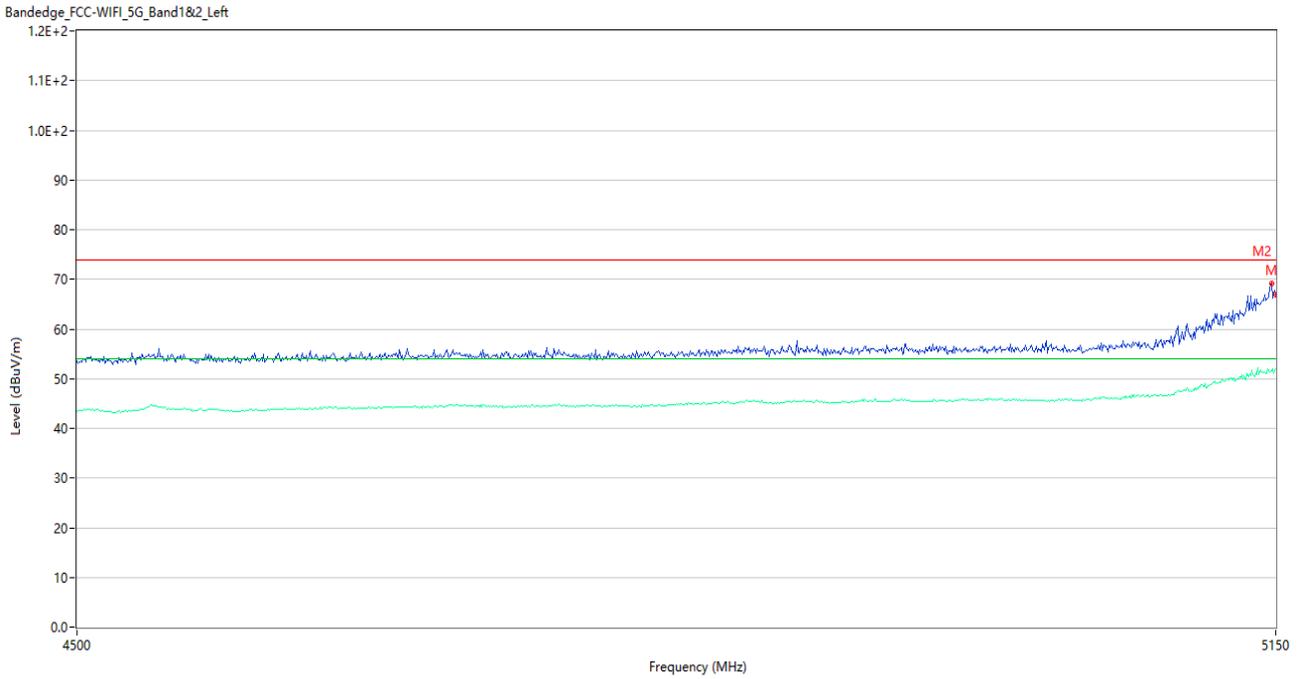
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.34	5.40	74.0	17.66	Peak	313.00	150	Horizontal	Pass
1**	5350.000	46.26	5.40	54.0	7.74	AV	313.00	150	Horizontal	Pass
2	5350.330	58.54	5.41	74.0	15.46	Peak	58.00	150	Horizontal	Pass
2**	5350.330	46.38	5.41	54.0	7.62	AV	58.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel ANT V



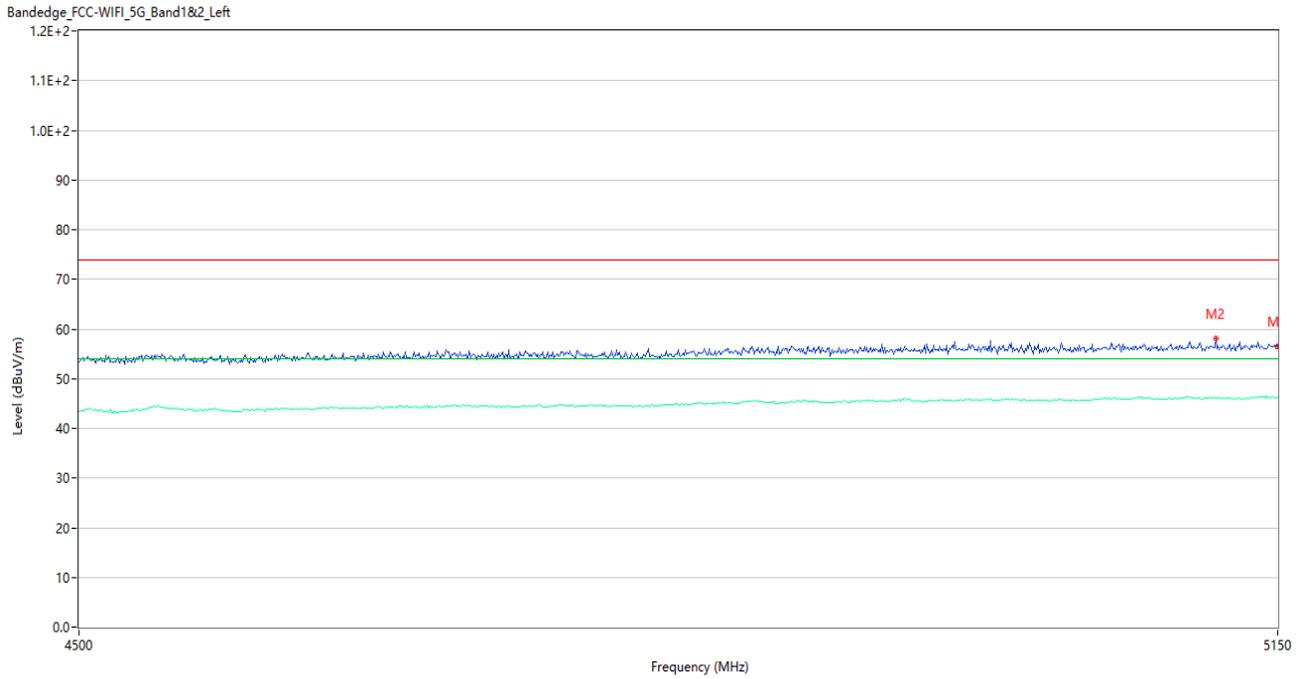
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	68.01	5.21	74.0	5.99	Peak	120.00	150	Vertical	Pass
1**	5150.000	51.95	5.21	54.0	2.05	AV	120.00	150	Vertical	Pass
2	5148.050	70.70	5.26	74.0	3.30	Peak	115.00	150	Vertical	Pass
2**	5148.050	51.59	5.26	54.0	2.41	AV	115.00	150	Vertical	Pass

U-NII-1 11ac80 Middle Channel ANT H



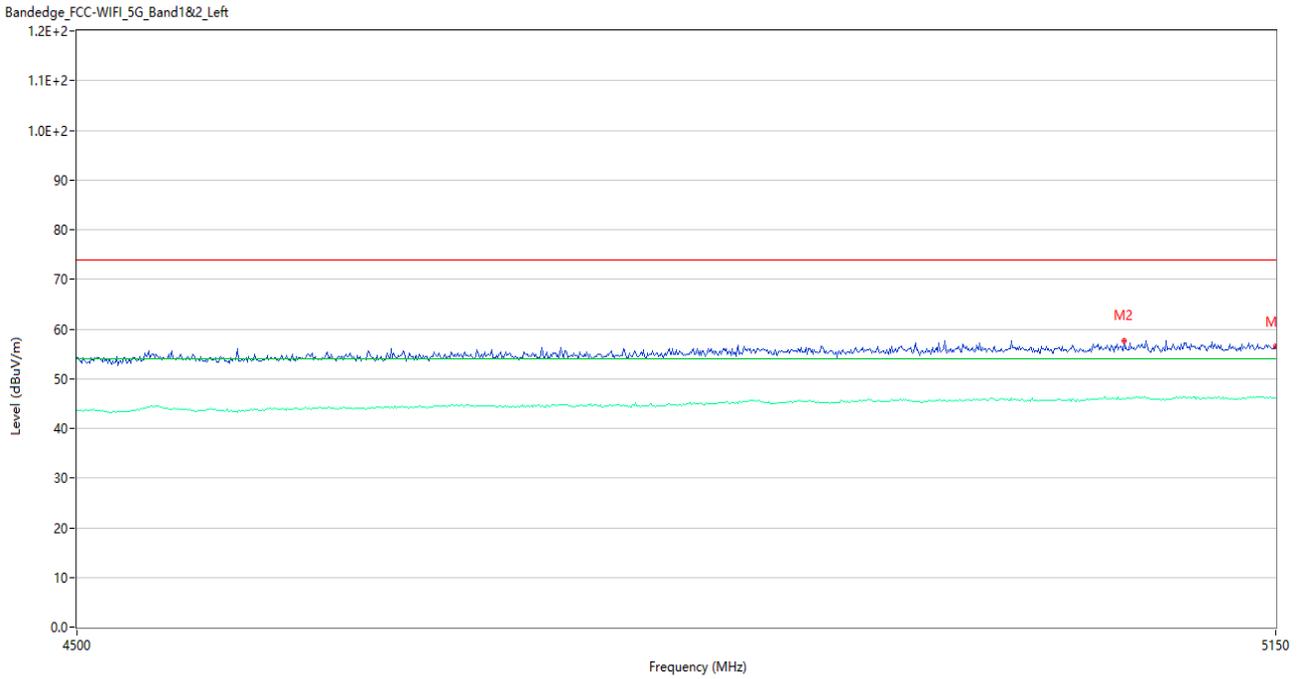
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	66.82	5.21	74.0	7.18	Peak	147.00	150	Horizontal	Pass
1**	5150.000	51.94	5.21	54.0	2.06	AV	147.00	150	Horizontal	Pass
2	5147.400	69.05	5.29	74.0	4.95	Peak	151.00	150	Horizontal	Pass
2**	5147.400	51.63	5.29	54.0	2.37	AV	151.00	150	Horizontal	Pass

U-NII-2A 11a Low Channel ANT V



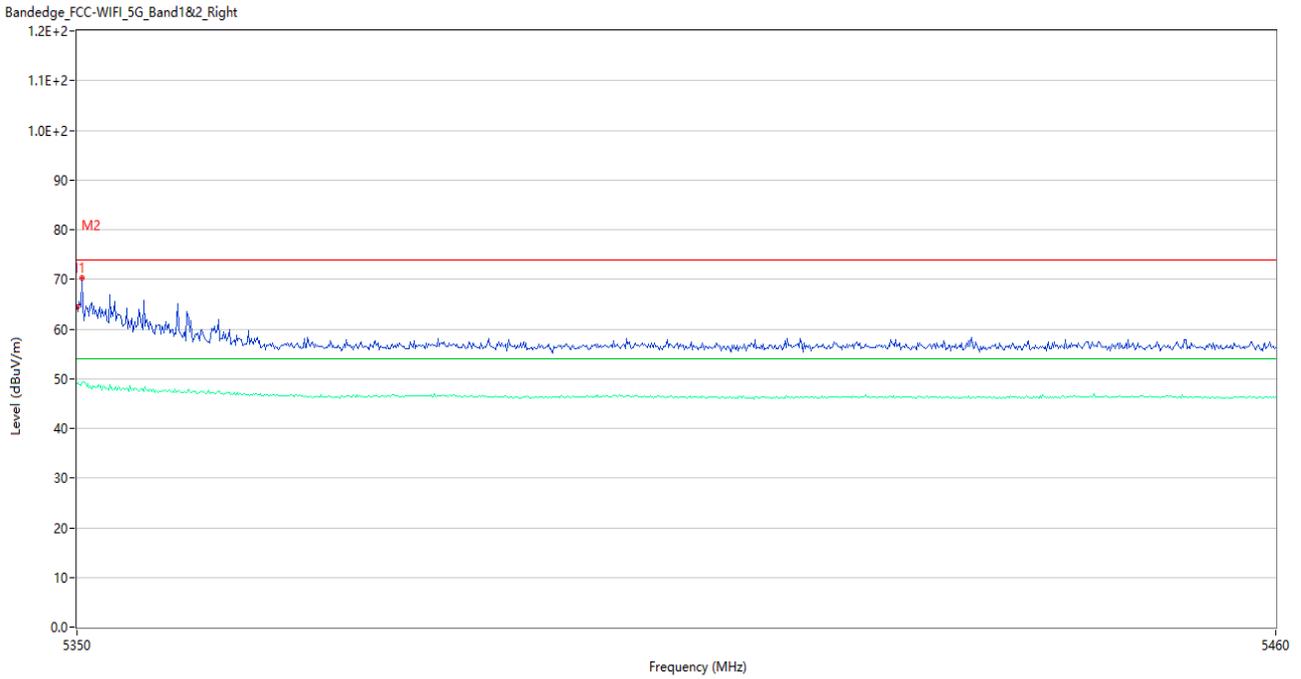
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.44	5.21	74.0	17.56	Peak	51.04	150	Vertical	Pass
1**	5150.000	46.34	5.21	54.0	7.66	AV	51.04	150	Vertical	Pass
2	5114.250	58.13	5.19	74.0	15.87	Peak	344.00	150	Vertical	Pass
2**	5114.250	46.14	5.19	54.0	7.86	AV	344.00	150	Vertical	Pass

U-NII-2A 11a Low Channel ANT H



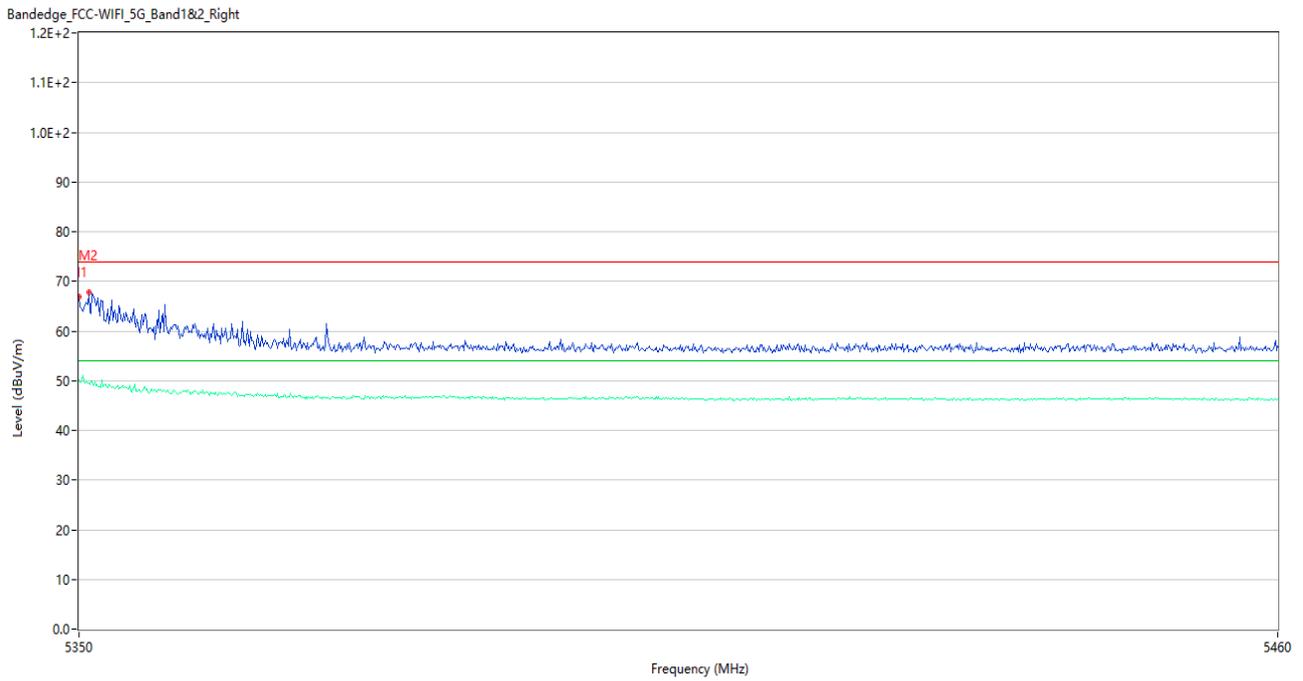
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.40	5.21	74.0	17.60	Peak	247.02	150	Horizontal	Pass
1**	5150.000	46.19	5.21	54.0	7.81	AV	247.02	150	Horizontal	Pass
2	5062.900	57.74	5.16	74.0	16.26	Peak	70.00	150	Horizontal	Pass
2**	5062.900	45.85	5.16	54.0	8.15	AV	70.00	150	Horizontal	Pass

U-NII-2A 11a High Channel ANT V



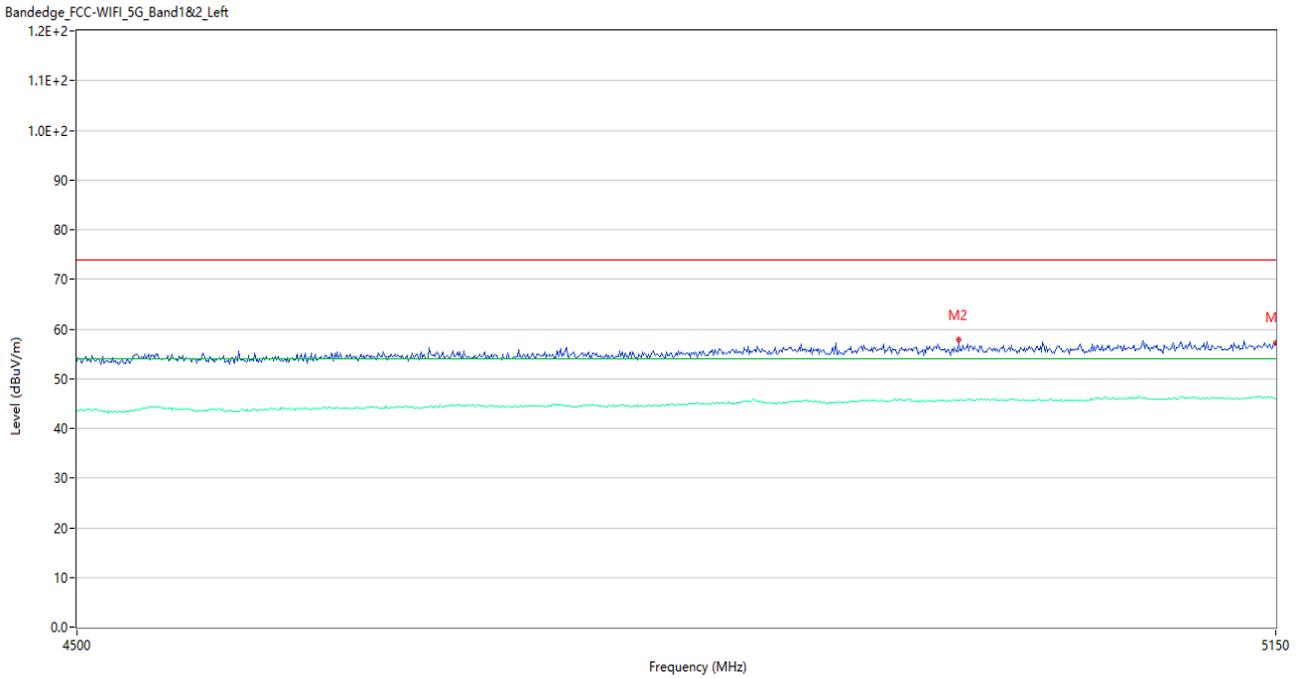
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.34	5.40	74.0	9.66	Peak	120.00	150	Vertical	Pass
1**	5350.000	48.98	5.40	54.0	5.02	AV	120.00	150	Vertical	Pass
2	5350.440	70.20	5.41	74.0	3.80	Peak	100.00	150	Vertical	Pass
2**	5350.440	49.30	5.41	54.0	4.70	AV	100.00	150	Vertical	Pass

U-NII-2A 11a High Channel ANT H



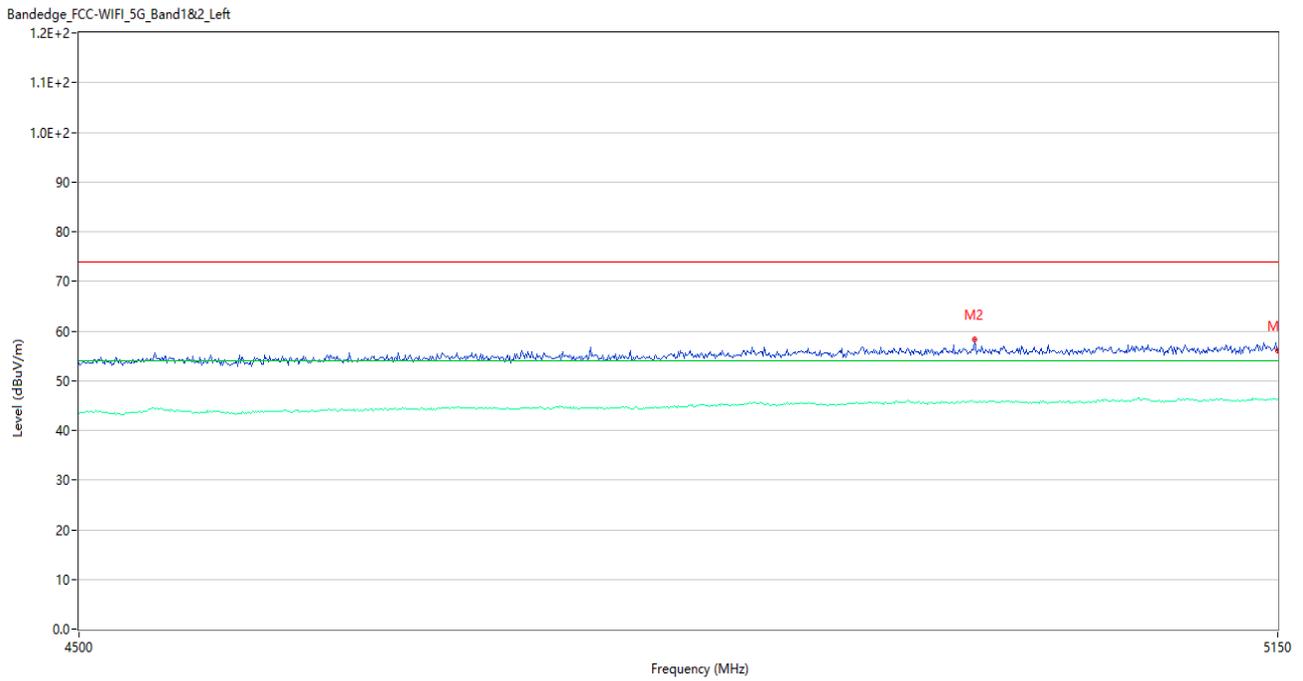
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	66.90	5.40	74.0	7.10	Peak	78.00	150	Horizontal	Pass
1**	5350.000	50.07	5.40	54.0	3.93	AV	78.00	150	Horizontal	Pass
2	5350.880	67.85	5.42	74.0	6.15	Peak	92.00	150	Horizontal	Pass
2**	5350.880	49.56	5.42	54.0	4.44	AV	92.00	150	Horizontal	Pass

U-NII-2A 11ac20 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	5150.000	57.27	5.21	74.0	16.73	Peak	271.00	150	Vertical	Pass
1**	5150.000	45.98	5.21	54.0	8.02	AV	271.00	150	Vertical	Pass
2	4969.300	57.79	5.11	74.0	16.21	Peak	131.00	150	Vertical	Pass
2**	4969.300	45.64	5.11	54.0	8.36	AV	131.00	150	Vertical	Pass

U-NII-2A 11ac20 Low Channel ANT H



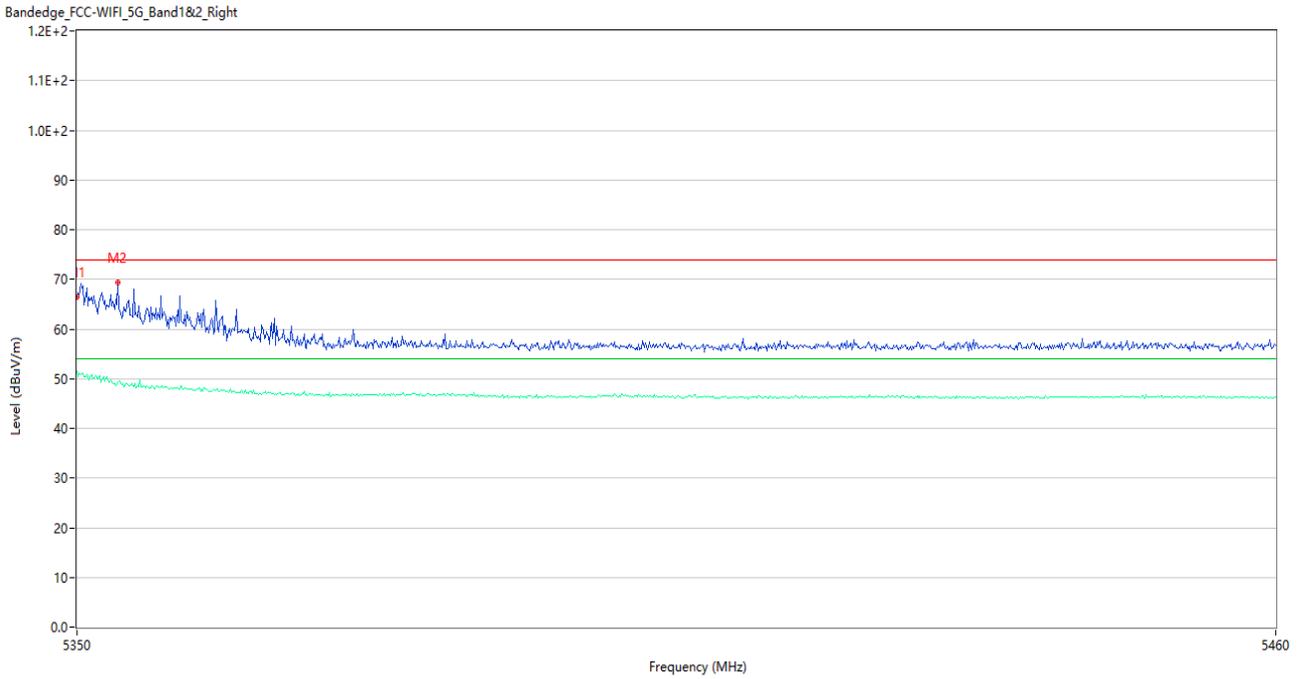
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.11	5.21	74.0	17.89	Peak	337.95	150	Horizontal	Pass
1**	5150.000	46.27	5.21	54.0	7.73	AV	337.95	150	Horizontal	Pass
2	4977.100	58.27	4.82	74.0	15.73	Peak	358.00	150	Horizontal	Pass
2**	4977.100	45.93	4.82	54.0	8.07	AV	358.00	150	Horizontal	Pass

U-NII-2A 11ac20 High Channel ANT V



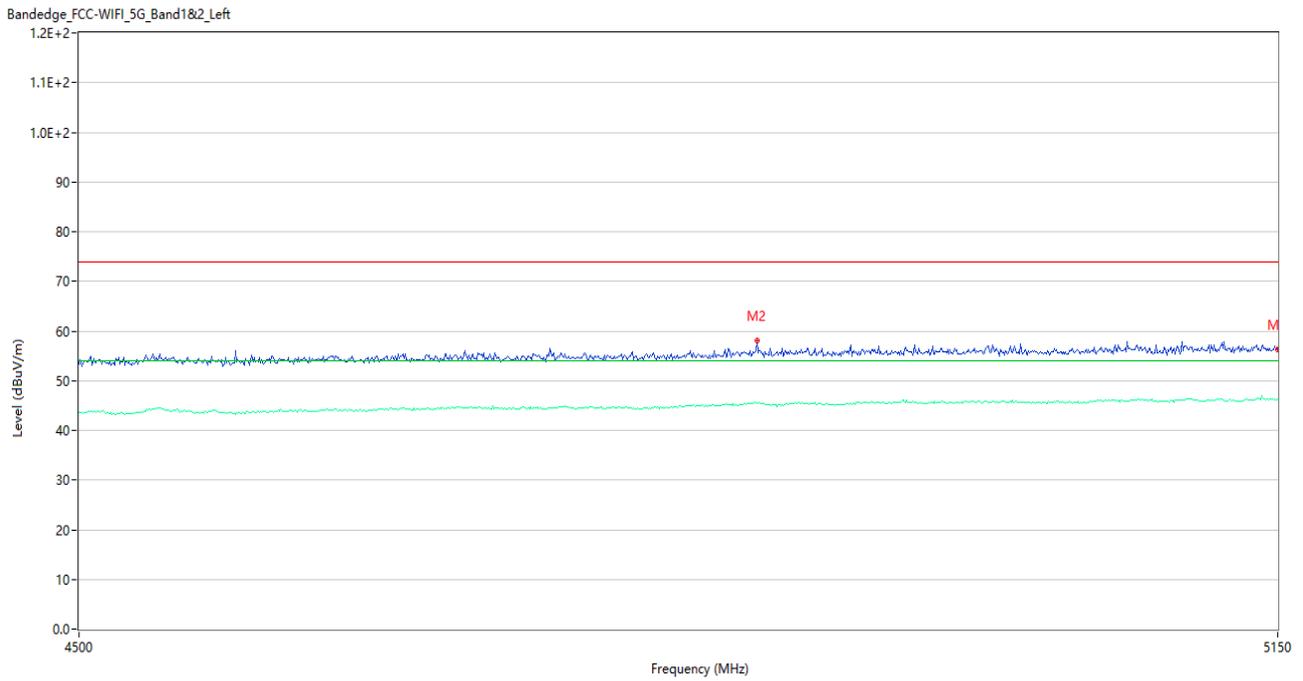
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	65.89	5.40	74.0	8.11	Peak	111.00	150	Vertical	Pass
1**	5350.000	51.06	5.40	54.0	2.94	AV	111.00	150	Vertical	Pass
2	5350.110	69.85	5.40	74.0	4.15	Peak	104.00	150	Vertical	Pass
2**	5350.110	51.53	5.40	54.0	2.47	AV	104.00	150	Vertical	Pass

U-NII-2A 11ac20 High Channel ANT H



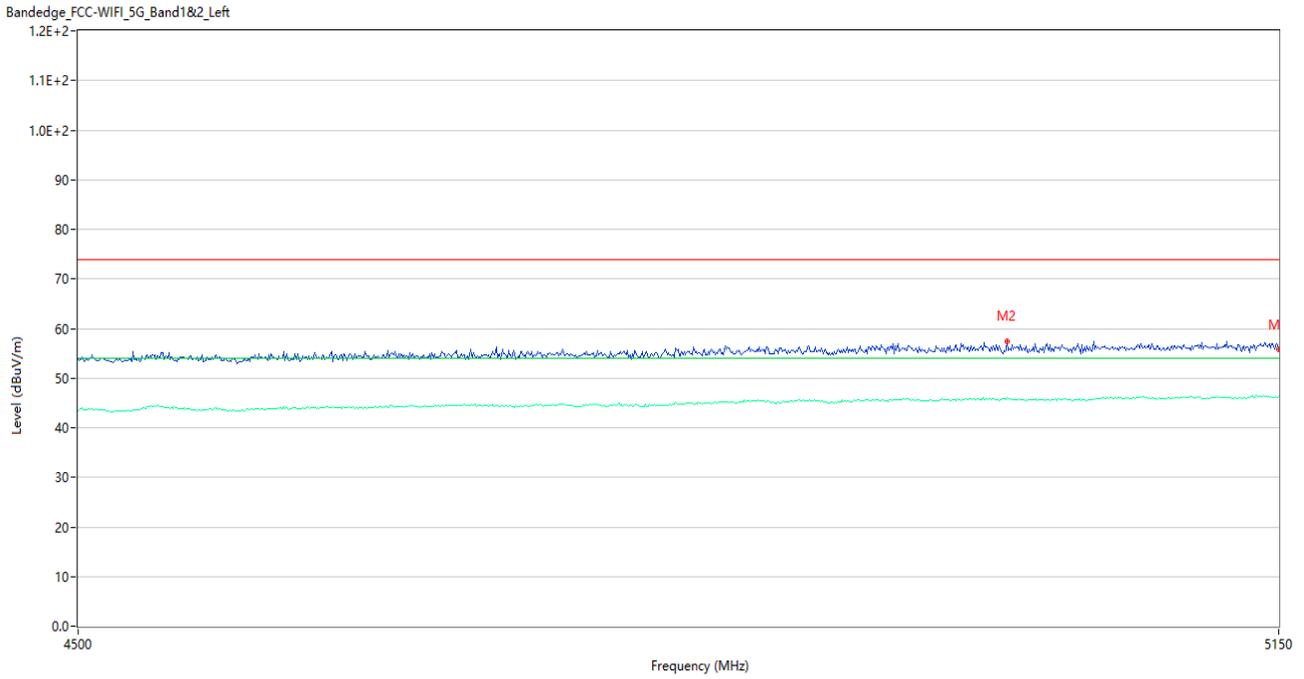
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	66.48	5.40	74.0	7.52	Peak	97.00	150	Horizontal	Pass
1**	5350.000	51.64	5.40	54.0	2.36	AV	97.00	150	Horizontal	Pass
2	5353.740	69.42	5.49	74.0	4.58	Peak	135.00	150	Horizontal	Pass
2**	5353.740	49.20	5.49	54.0	4.80	AV	135.00	150	Horizontal	Pass

U-NII-2A 11ac40 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	5150.000	56.20	5.21	74.0	17.80	Peak	359.95	150	Vertical	Pass
1**	5150.000	46.38	5.21	54.0	7.62	AV	359.95	150	Vertical	Pass
2	4856.850	58.04	5.04	74.0	15.96	Peak	360.00	150	Vertical	Pass
2**	4856.850	45.62	5.04	54.0	8.38	AV	360.00	150	Vertical	Pass

U-NII-2A 11ac40 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	5150.000	55.78	5.21	74.0	18.22	Peak	139.99	150	Horizontal	Pass
1**	5150.000	46.29	5.21	54.0	7.71	AV	139.99	150	Horizontal	Pass
2	4995.300	57.51	5.08	74.0	16.49	Peak	171.00	150	Horizontal	Pass
2**	4995.300	46.02	5.08	54.0	7.98	AV	171.00	150	Horizontal	Pass

U-NII-2A 11ac40 High Channel ANT V



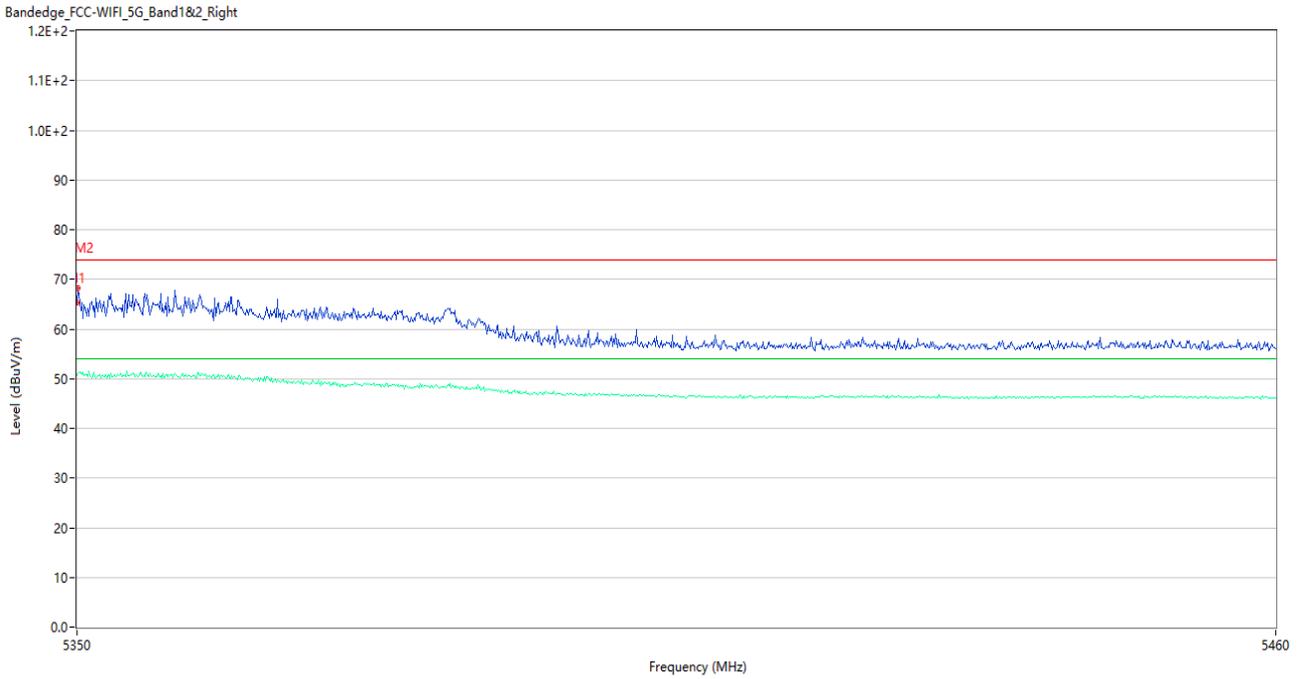
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	65.64	5.40	74.0	8.36	Peak	106.00	150	Vertical	Pass
1**	5350.000	51.71	5.40	54.0	2.29	AV	106.00	150	Vertical	Pass
2	5350.880	68.57	5.42	74.0	5.43	Peak	110.00	150	Vertical	Pass
2**	5350.880	51.15	5.42	54.0	2.85	AV	110.00	150	Vertical	Pass

U-NII-2A 11ac40 High Channel ANT H



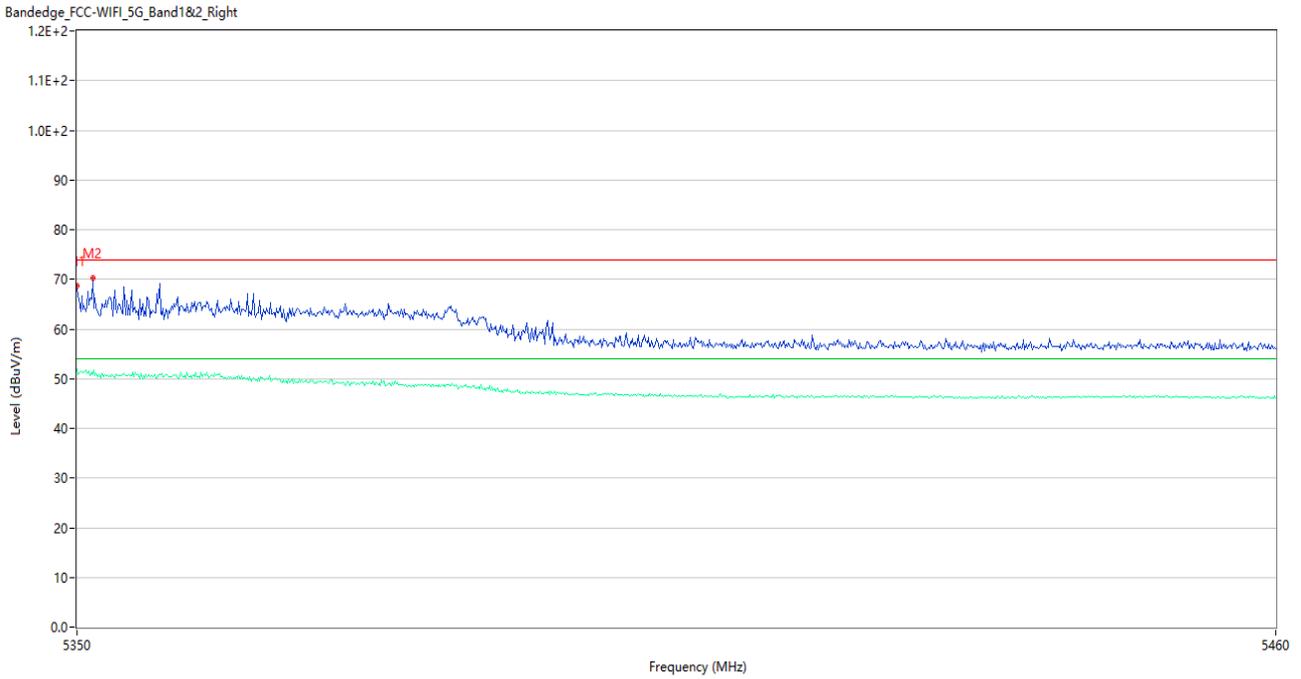
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	66.65	5.40	74.0	7.35	Peak	90.00	150	Horizontal	Pass
1**	5350.000	51.12	5.40	54.0	2.88	AV	90.00	150	Horizontal	Pass
2	5352.970	69.13	5.48	74.0	4.87	Peak	214.00	150	Horizontal	Pass
2**	5352.970	50.59	5.48	54.0	3.41	AV	214.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel ANT V



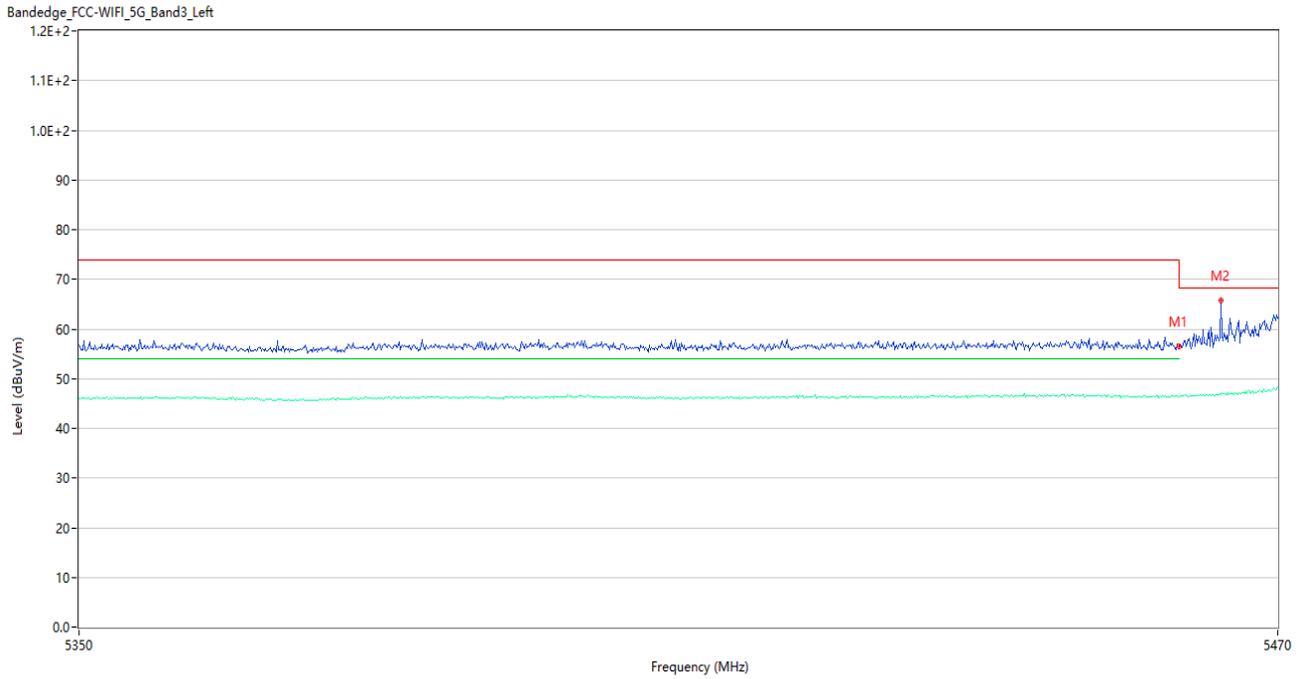
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	65.40	5.40	74.0	8.60	Peak	290.00	150	Vertical	Pass
1**	5350.000	50.55	5.40	54.0	3.45	AV	290.00	150	Vertical	Pass
2	5350.110	68.30	5.40	74.0	5.70	Peak	101.00	150	Vertical	Pass
2**	5350.110	51.05	5.40	54.0	2.95	AV	101.00	150	Vertical	Pass

U-NII-2A 11ac80 Middle Channel ANT H



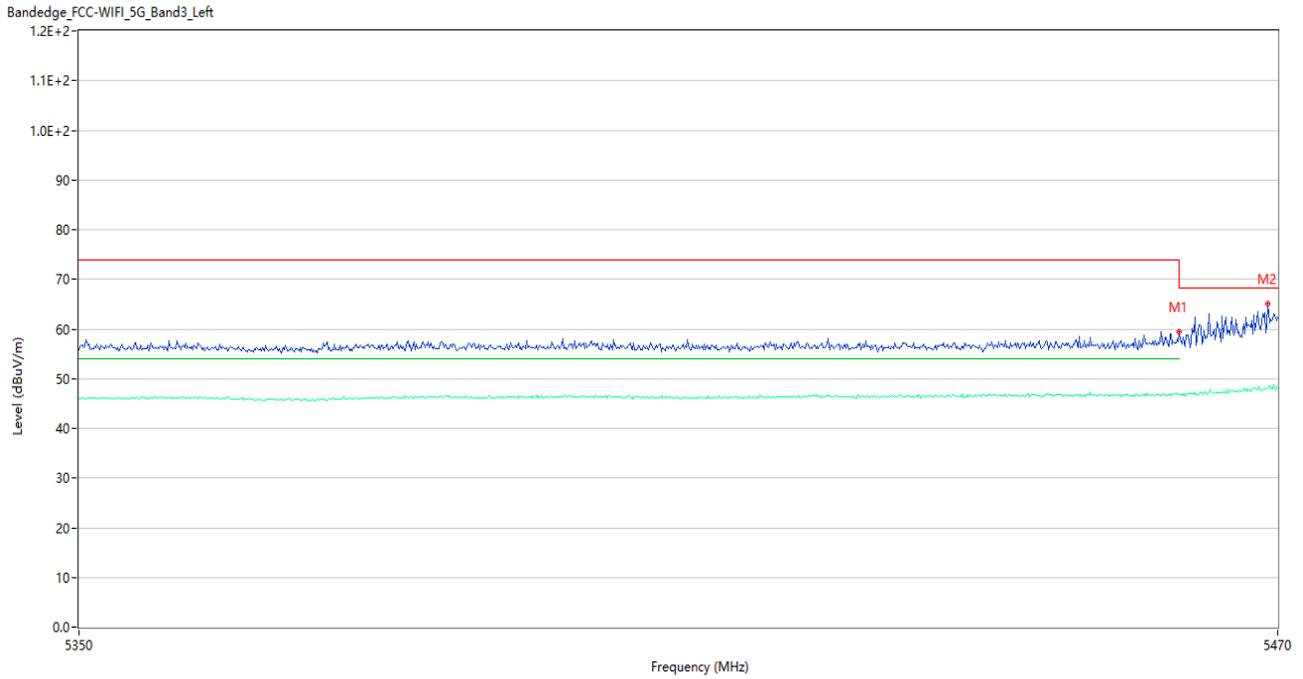
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	68.67	5.40	74.0	5.33	Peak	78.00	150	Horizontal	Pass
1**	5350.000	52.03	5.40	54.0	1.97	AV	78.00	150	Horizontal	Pass
2	5351.430	70.23	5.44	74.0	3.77	Peak	144.00	150	Horizontal	Pass
2**	5351.430	50.92	5.44	54.0	3.08	AV	144.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel ANT V



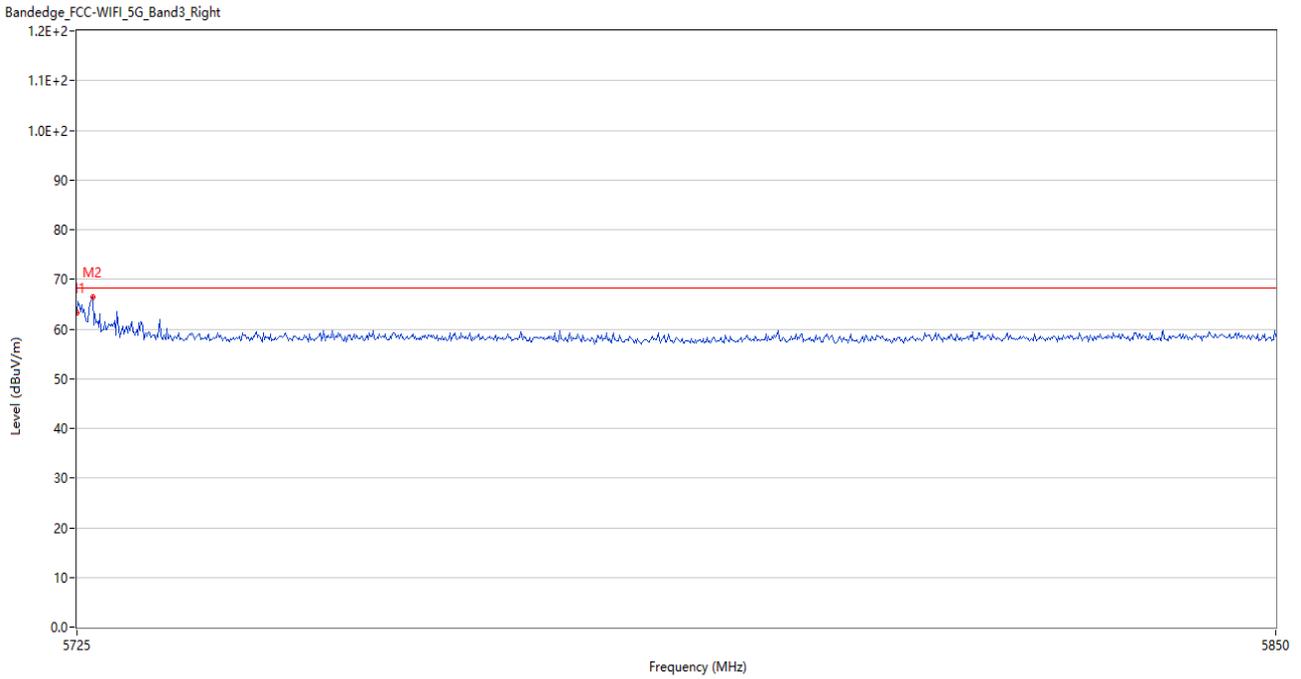
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.58	5.38	68.2	11.62	Peak	226.87	150	Vertical	Pass
1**	5460.000	46.38	5.38	54.0	7.62	AV	226.87	150	Vertical	Pass
2	5464.240	65.65	5.56	68.2	2.55	Peak	105.00	150	Vertical	Pass
2**	5464.240	46.69	5.56	--	-46.69	AV	105.00	150	Vertical	N/A

U-NII-2C 11a Low Channel ANT H



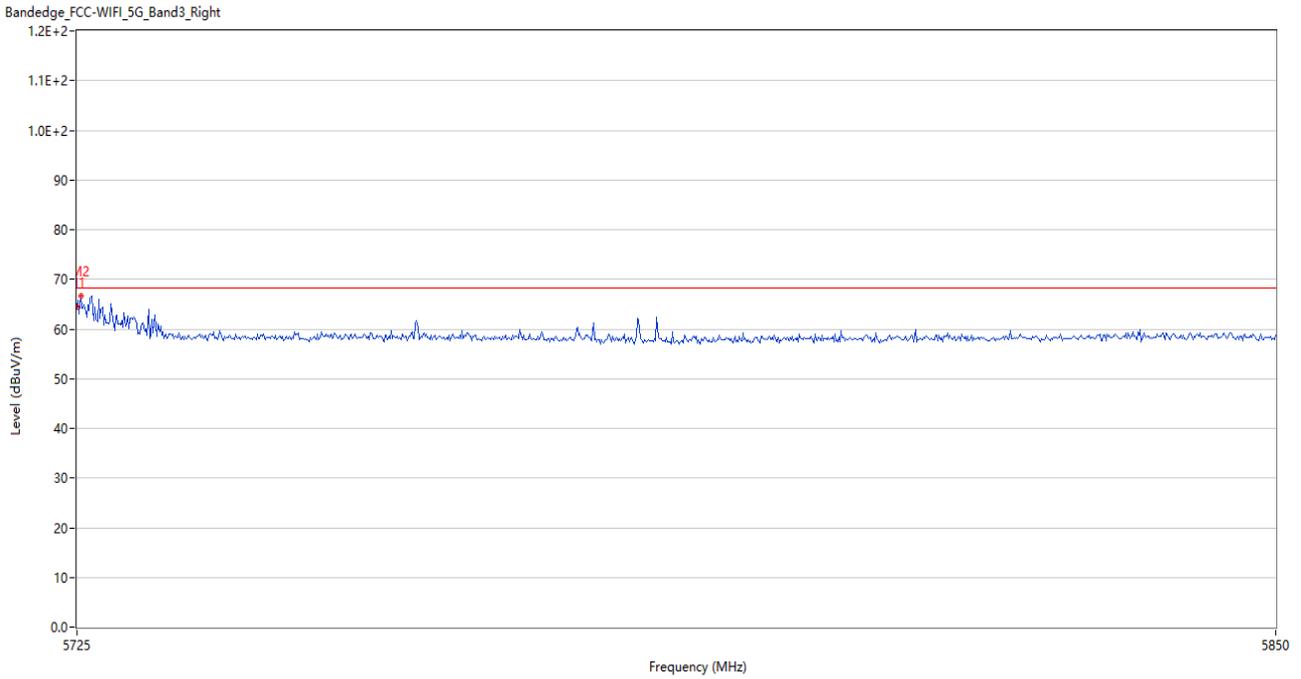
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	58.77	5.38	68.2	9.43	Peak	198.94	150	Horizontal	Pass
1**	5460.000	46.96	5.38	54.0	7.04	AV	198.94	150	Horizontal	Pass
2	5469.040	65.14	5.80	68.2	3.06	Peak	143.00	150	Horizontal	Pass
2**	5469.040	48.08	5.80	--	-48.08	AV	143.00	150	Horizontal	N/A

U-NII-2C 11a High Channel ANT V



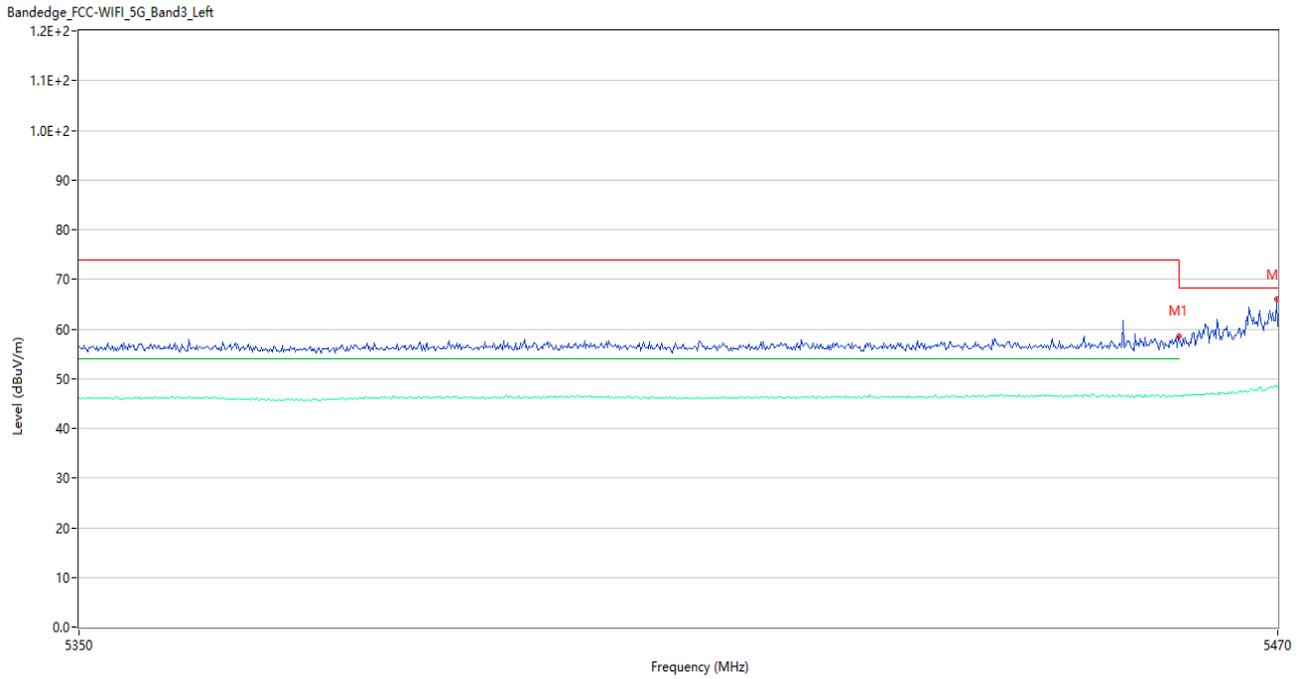
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.38	6.57	68.2	4.82	Peak	106.00	150	Vertical	Pass
2	5726.625	66.46	6.53	68.2	1.74	Peak	108.00	150	Vertical	Pass

U-NII-2C 11a High Channel ANT H



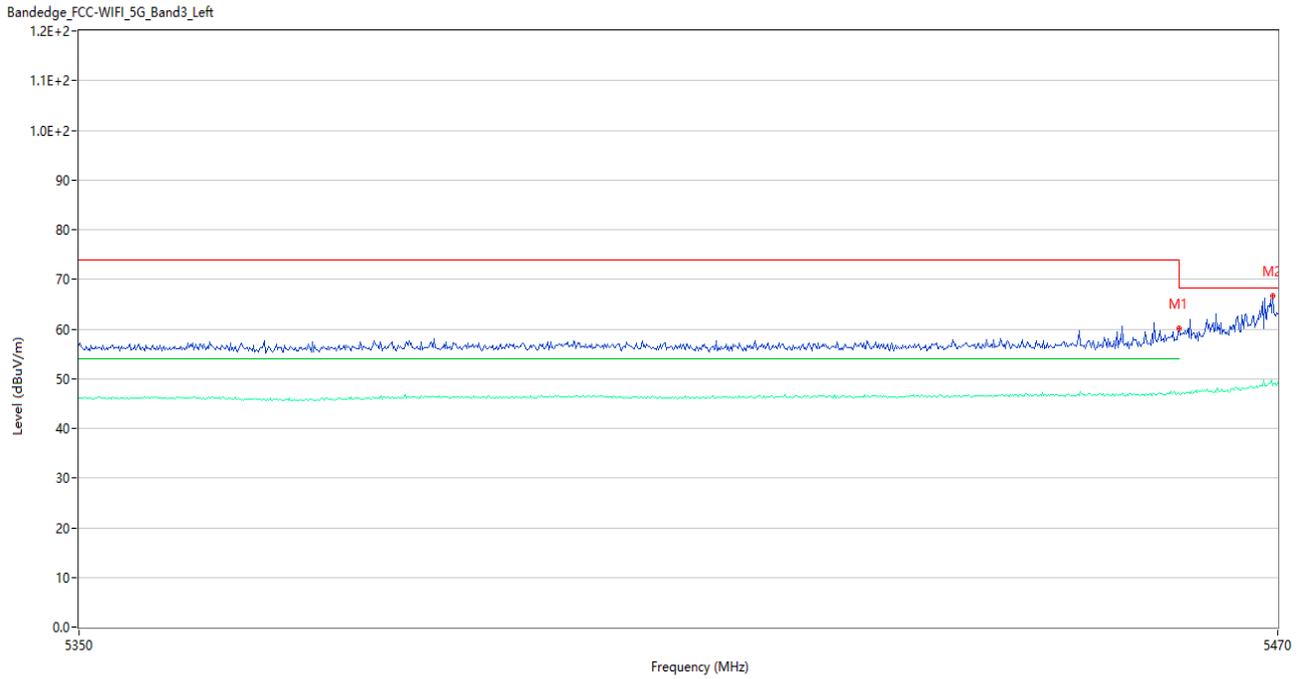
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	64.31	6.57	68.2	3.89	Peak	174.00	150	Horizontal	Pass
2	5725.375	66.69	6.56	68.2	1.51	Peak	210.00	150	Horizontal	Pass

U-NII-2C 11ac20 Low Channel ANT V



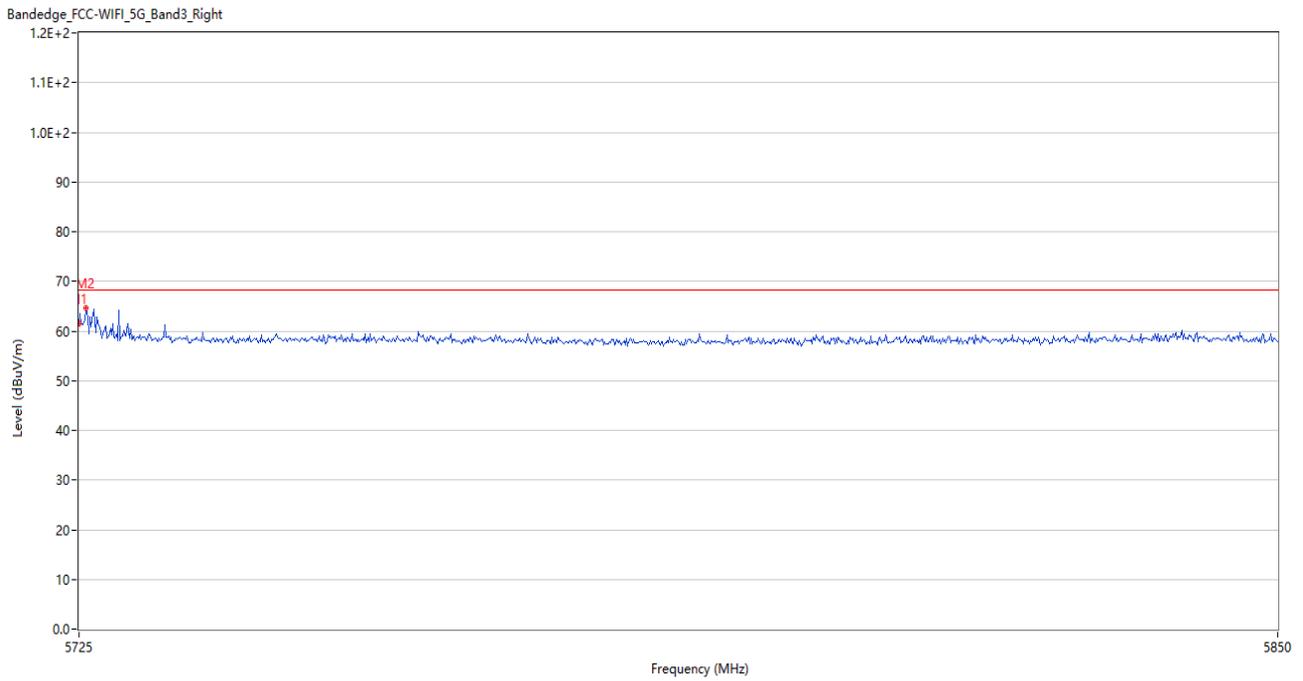
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	58.40	5.38	68.2	9.80	Peak	240.87	150	Vertical	Pass
1**	5460.000	46.55	5.38	54.0	7.45	AV	240.87	150	Vertical	Pass
2	5469.880	65.89	5.80	68.2	2.31	Peak	108.00	150	Vertical	Pass
2**	5469.880	48.65	5.80	--	-48.65	AV	108.00	150	Vertical	N/A

U-NII-2C 11ac20 Low Channel ANT H



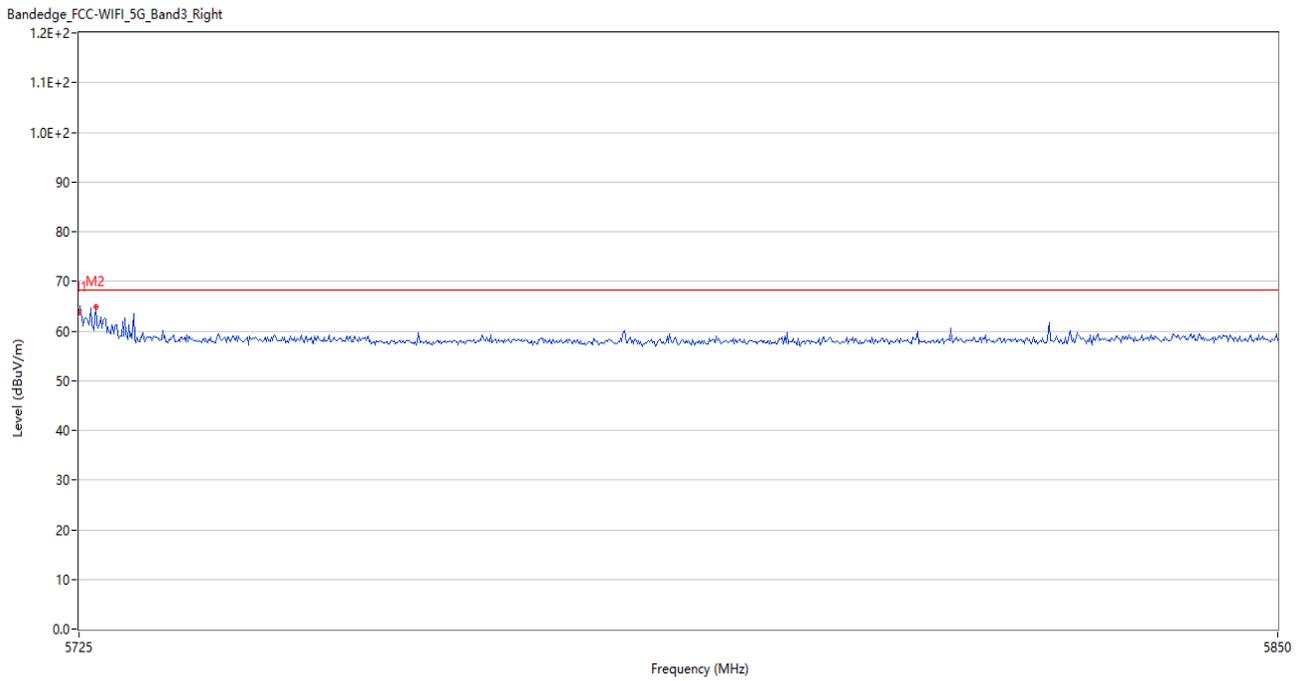
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	59.88	5.38	68.2	8.32	Peak	137.00	150	Horizontal	Pass
1**	5460.000	47.11	5.38	54.0	6.89	AV	137.00	150	Horizontal	Pass
2	5469.520	66.60	5.80	68.2	1.60	Peak	136.00	150	Horizontal	Pass
2**	5469.520	48.57	5.80	--	-48.57	AV	136.00	150	Horizontal	N/A

U-NII-2C 11ac20 High Channel ANT V



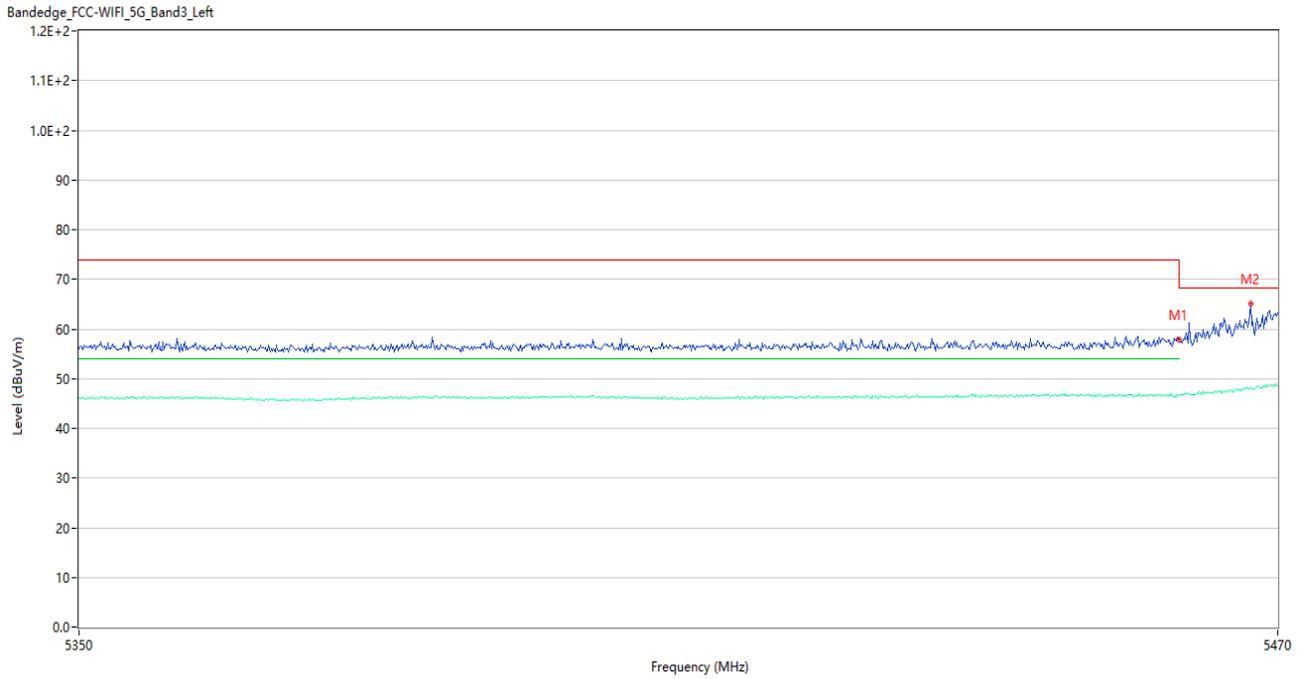
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.49	6.57	68.2	6.71	Peak	113.00	150	Vertical	Pass
2	5725.750	64.71	6.55	68.2	3.49	Peak	99.00	150	Vertical	Pass

U-NII-2C 11ac20 High Channel ANT H



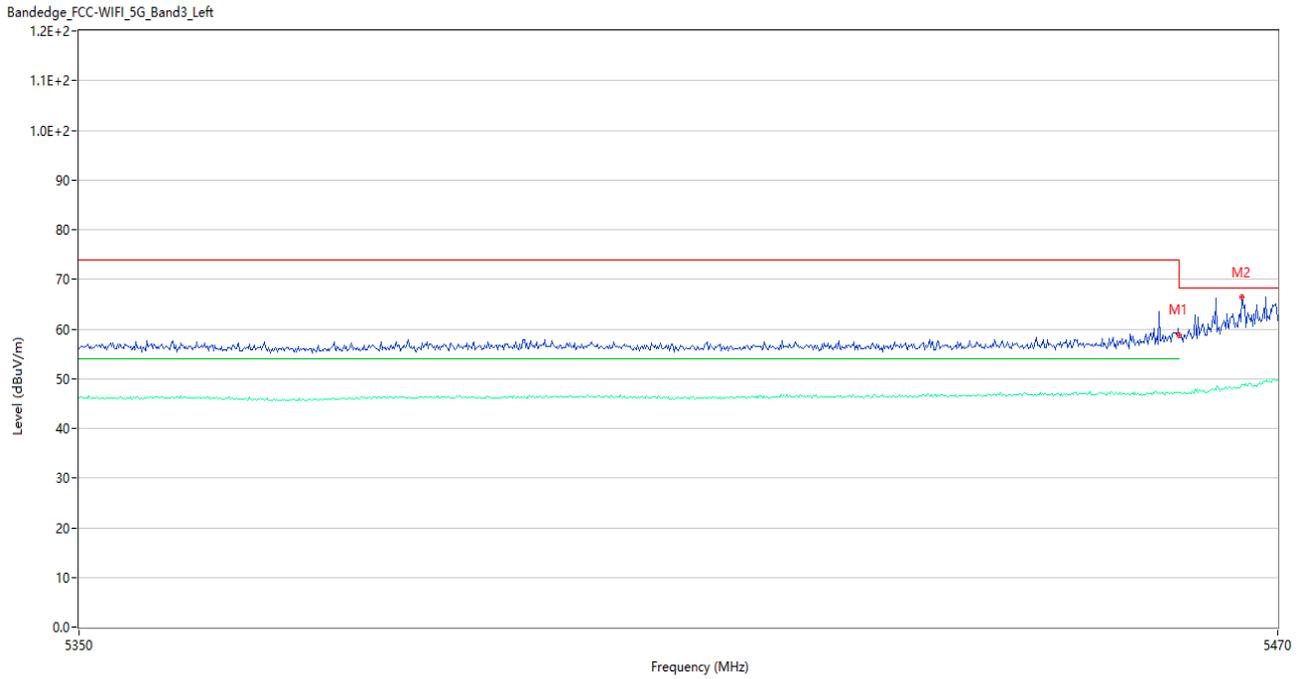
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.67	6.57	68.2	4.53	Peak	182.00	150	Horizontal	Pass
2	5726.750	64.76	6.53	68.2	3.44	Peak	174.00	150	Horizontal	Pass

U-NII-2C 11ac40 Low Channel ANT V



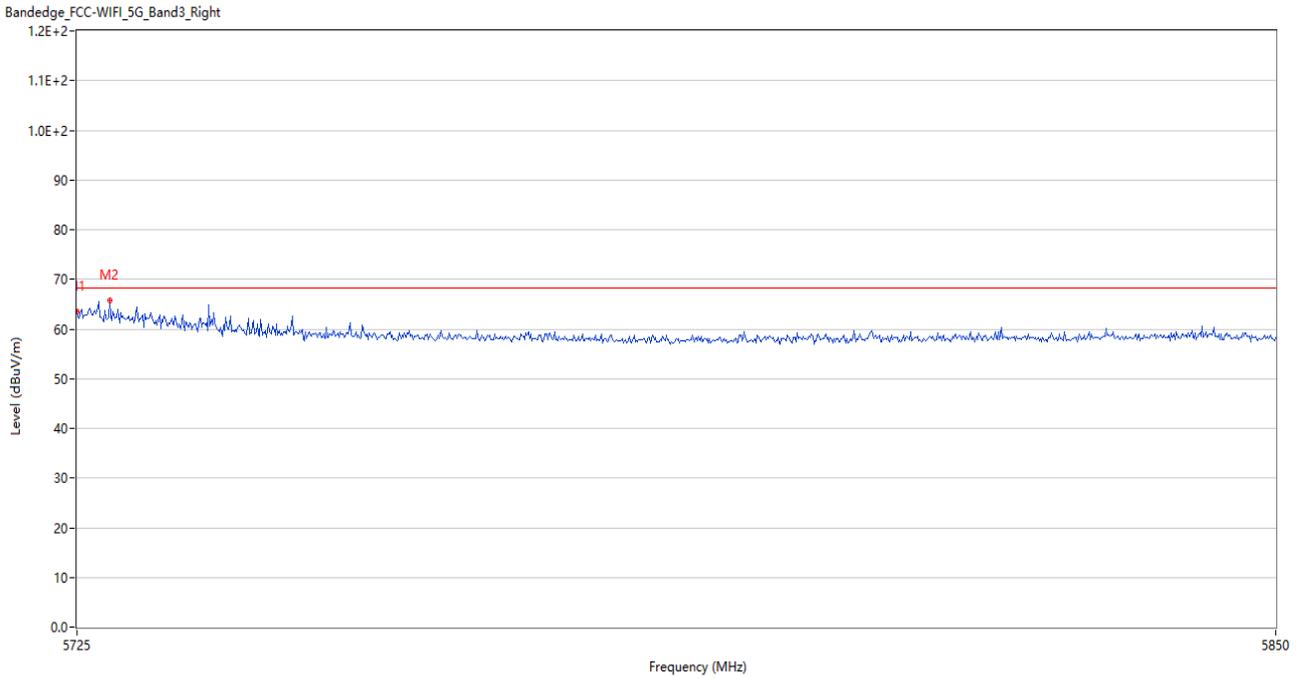
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	57.92	5.38	68.2	10.28	Peak	110.00	150	Vertical	Pass
1**	5460.000	46.67	5.38	54.0	7.33	AV	110.00	150	Vertical	Pass
2	5467.240	65.01	5.66	68.2	3.19	Peak	112.00	150	Vertical	Pass
2**	5467.240	48.15	5.66	--	-48.15	AV	112.00	150	Vertical	N/A

U-NII-2C 11ac40 Low Channel ANT H



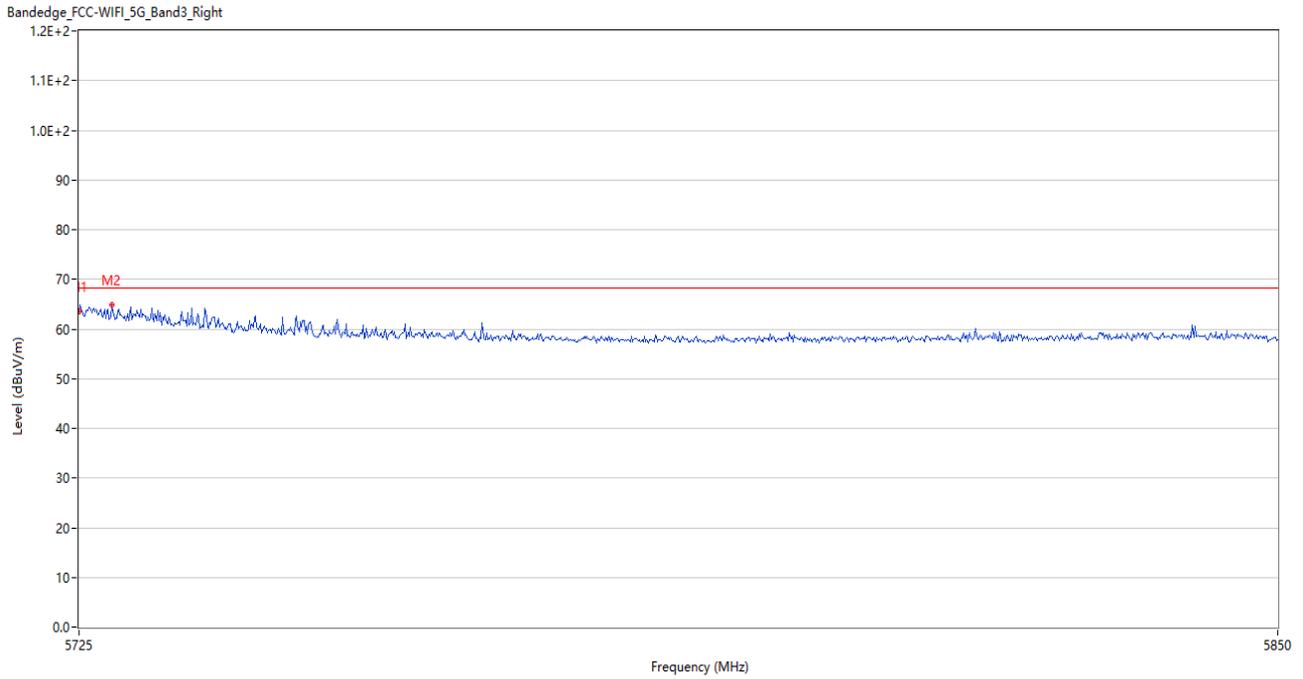
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	59.31	5.38	68.2	8.89	Peak	136.00	150	Horizontal	Pass
1**	5460.000	47.27	5.38	54.0	6.73	AV	136.00	150	Horizontal	Pass
2	5466.400	66.36	5.62	68.2	1.84	Peak	136.00	150	Horizontal	Pass
2**	5466.400	48.82	5.62	--	-48.82	AV	136.00	150	Horizontal	N/A

U-NII-2C 11ac40 High Channel ANT V



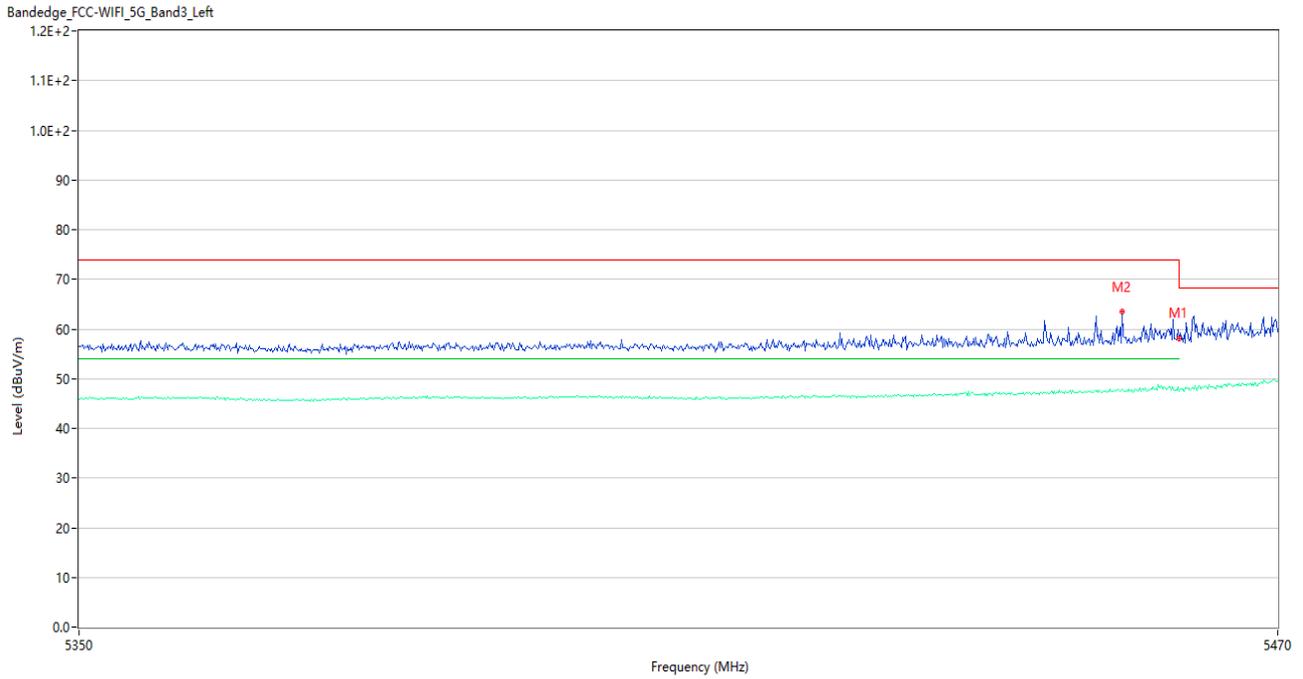
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.51	6.57	68.2	4.69	Peak	113.00	150	Vertical	Pass
2	5728.375	65.86	6.46	68.2	2.34	Peak	107.00	150	Vertical	Pass

U-NII-2C 11ac40 High Channel ANT H



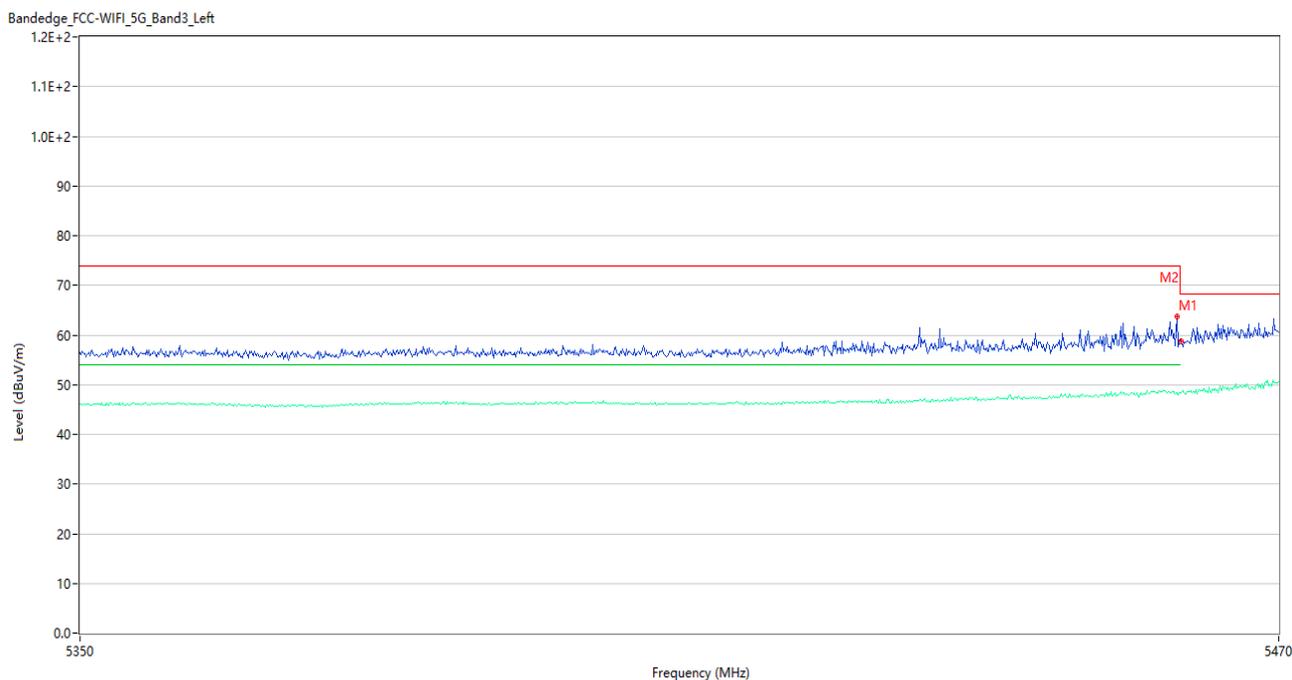
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.53	6.57	68.2	4.67	Peak	139.00	150	Horizontal	Pass
2	5728.375	64.92	6.46	68.2	3.28	Peak	132.00	150	Horizontal	Pass

U-NII-2C 11ac80 Low Channel ANT V



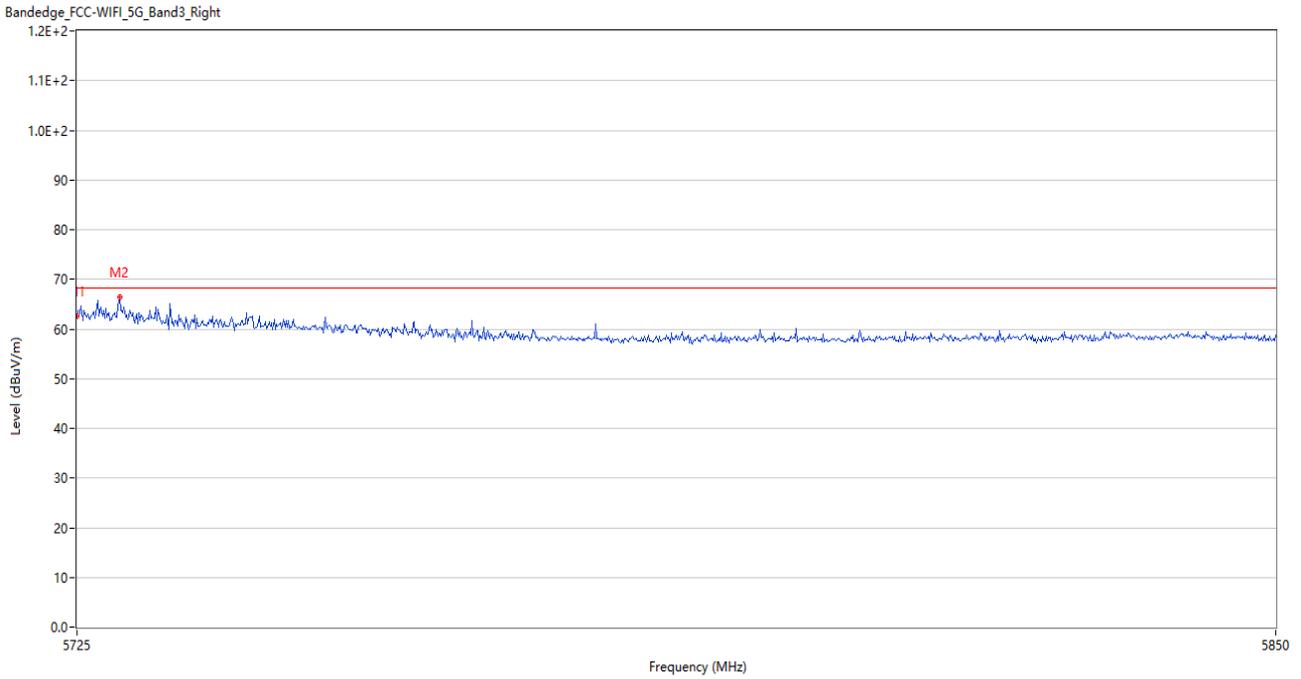
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	58.62	5.38	68.2	9.58	Peak	285.35	150	Vertical	Pass
1**	5460.000	47.83	5.38	54.0	6.17	AV	285.35	150	Vertical	Pass
2	5454.280	63.43	5.49	74.0	10.57	Peak	107.00	150	Vertical	Pass
2**	5454.280	47.85	5.49	54.0	6.15	AV	107.00	150	Vertical	Pass

U-NII-2C 11ac80 Low Channel ANT H



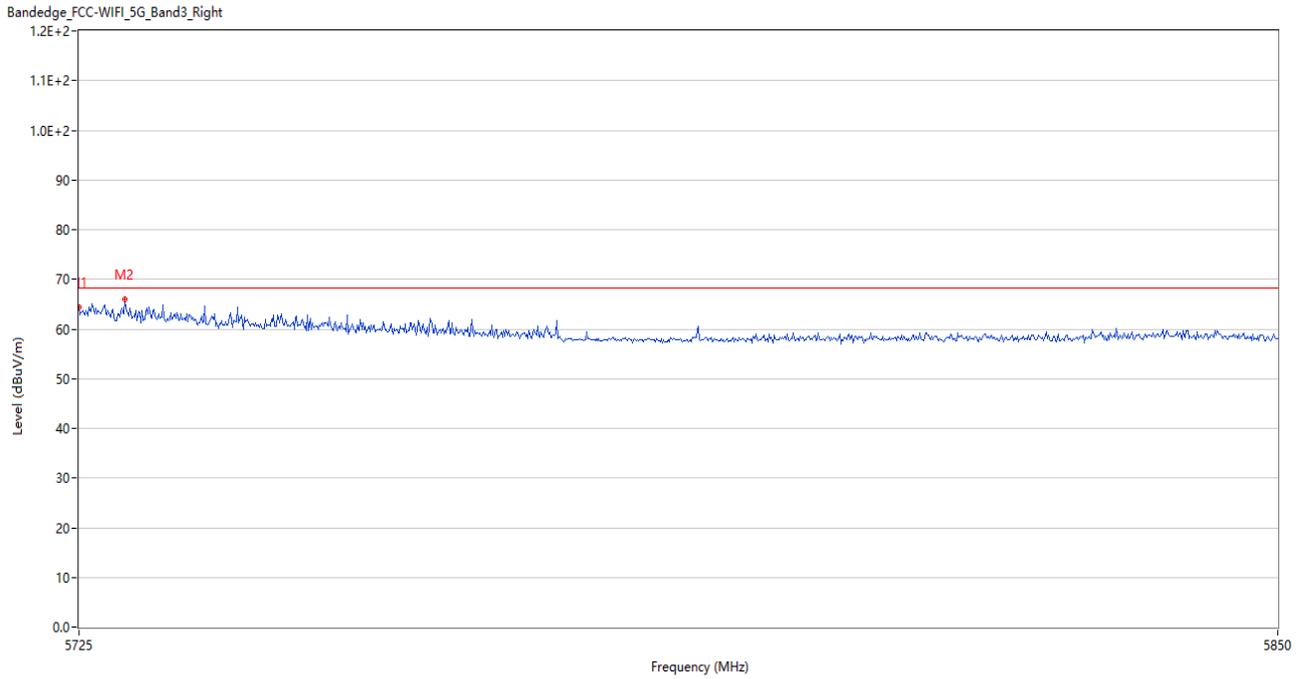
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	58.62	5.38	68.2	9.58	Peak	161.38	150	Horizontal	Pass
1**	5460.000	48.34	5.38	54.0	5.66	AV	161.38	150	Horizontal	Pass
2	5459.680	63.73	5.39	74.0	10.27	Peak	216.00	150	Horizontal	Pass
2**	5459.680	48.38	5.39	54.0	5.62	AV	216.00	150	Horizontal	Pass

U-NII-2C 11ac80 High Channel ANT V



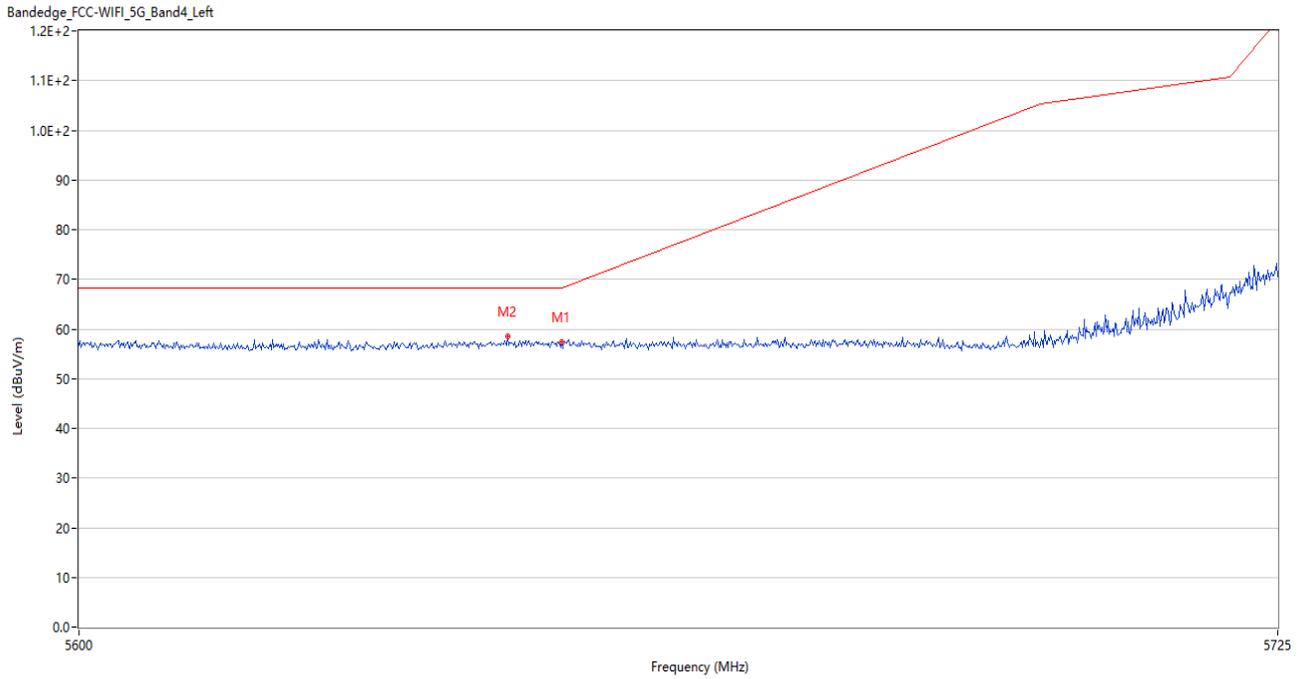
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.69	6.57	68.2	5.51	Peak	119.00	150	Vertical	Pass
2	5729.375	66.47	6.40	68.2	1.73	Peak	121.00	150	Vertical	Pass

U-NII-2C 11ac80 High Channel ANT H



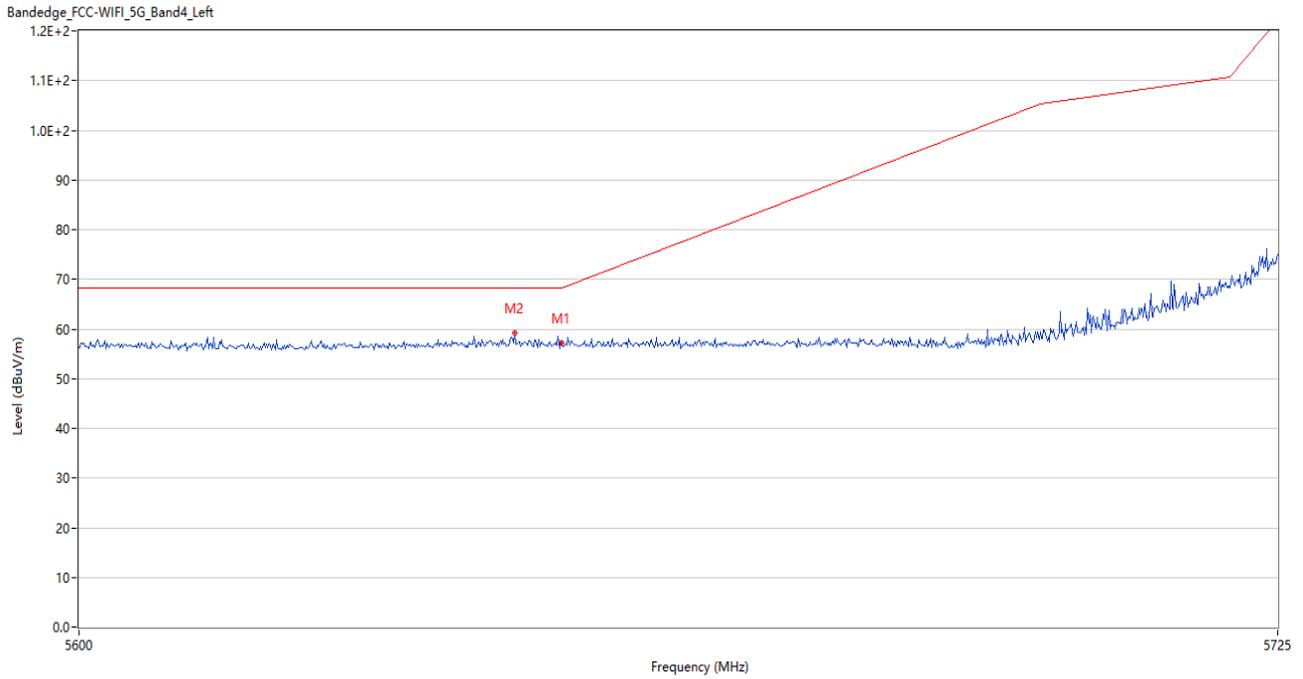
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	64.37	6.57	68.2	3.83	Peak	217.00	150	Horizontal	Pass
2	5729.750	66.02	6.38	68.2	2.18	Peak	144.00	150	Horizontal	Pass

U-NII-3 11a Low Channel ANT V



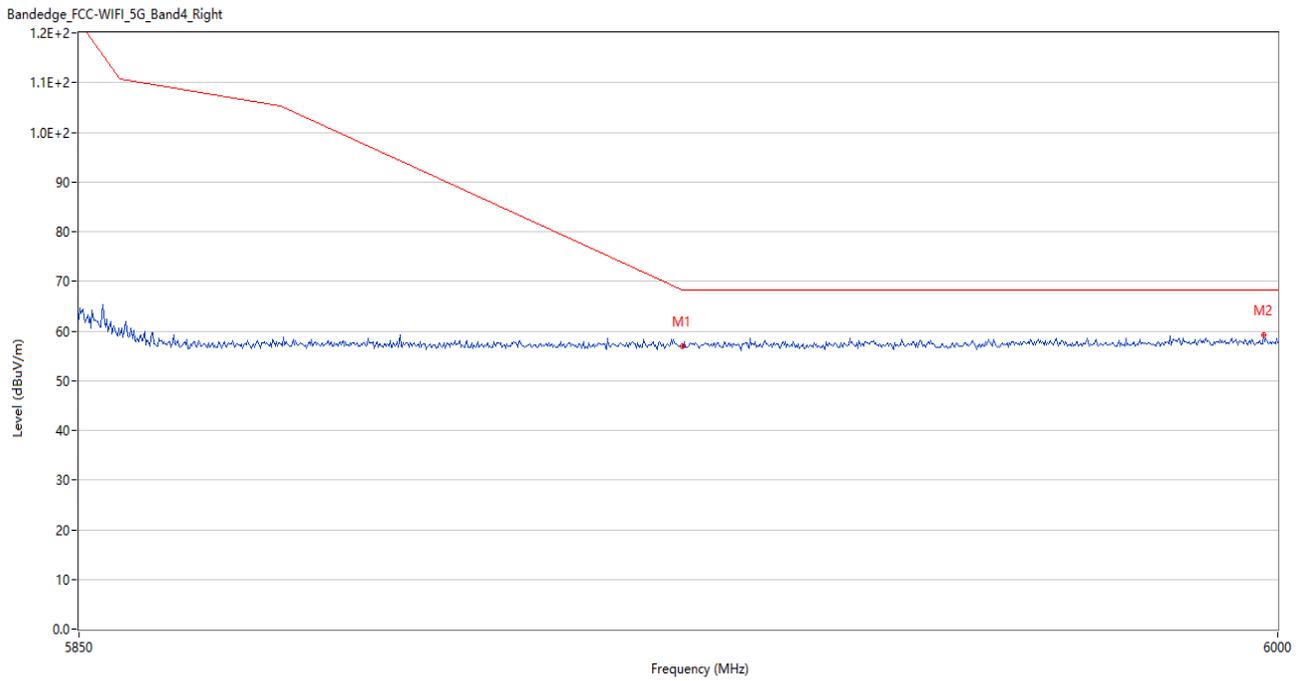
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.45	5.94	68.2	10.75	Peak	102.97	150	Vertical	Pass
2	5644.375	58.45	6.02	68.2	9.75	Peak	244.00	150	Vertical	Pass

U-NII-3 11a Low Channel ANT H



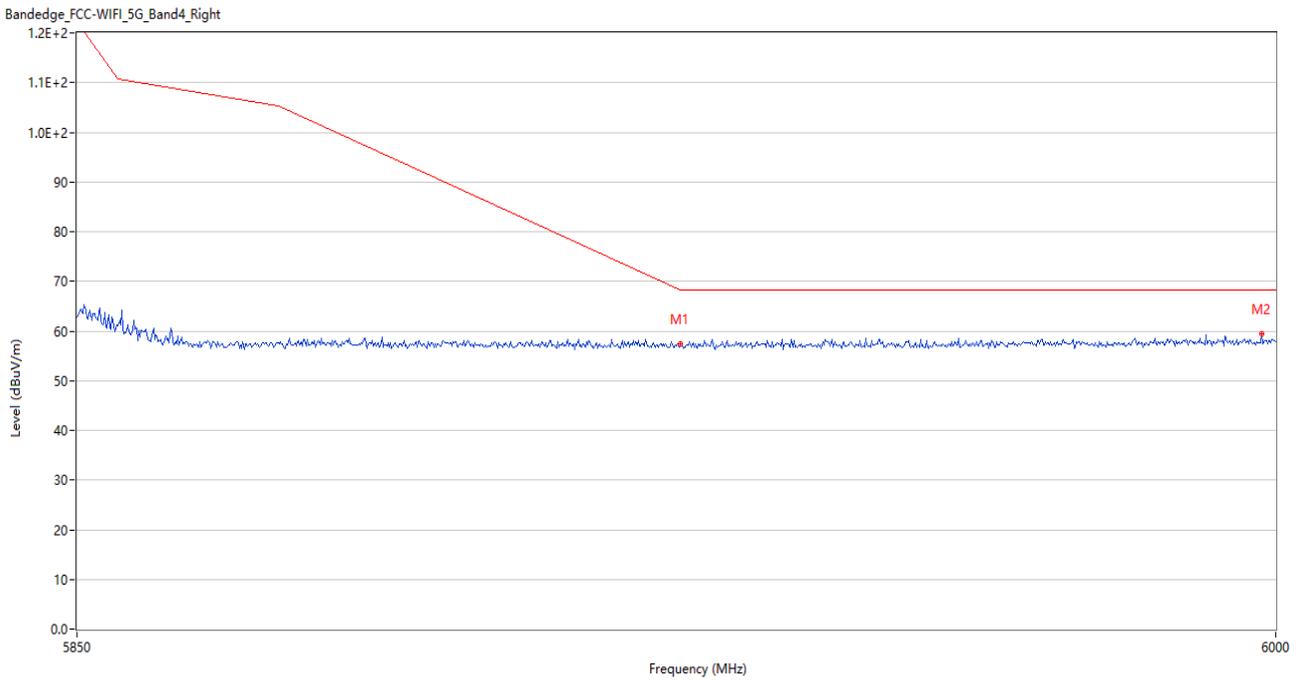
No.	Frequency (MHz)		Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.06	5.94	68.2	11.14	Peak	2.17	150	Horizontal	Pass
2	5645.125	59.20	6.03	68.2	9.00	Peak	288.00	150	Horizontal	Pass

U-NII-3 11a High Channel ANT V



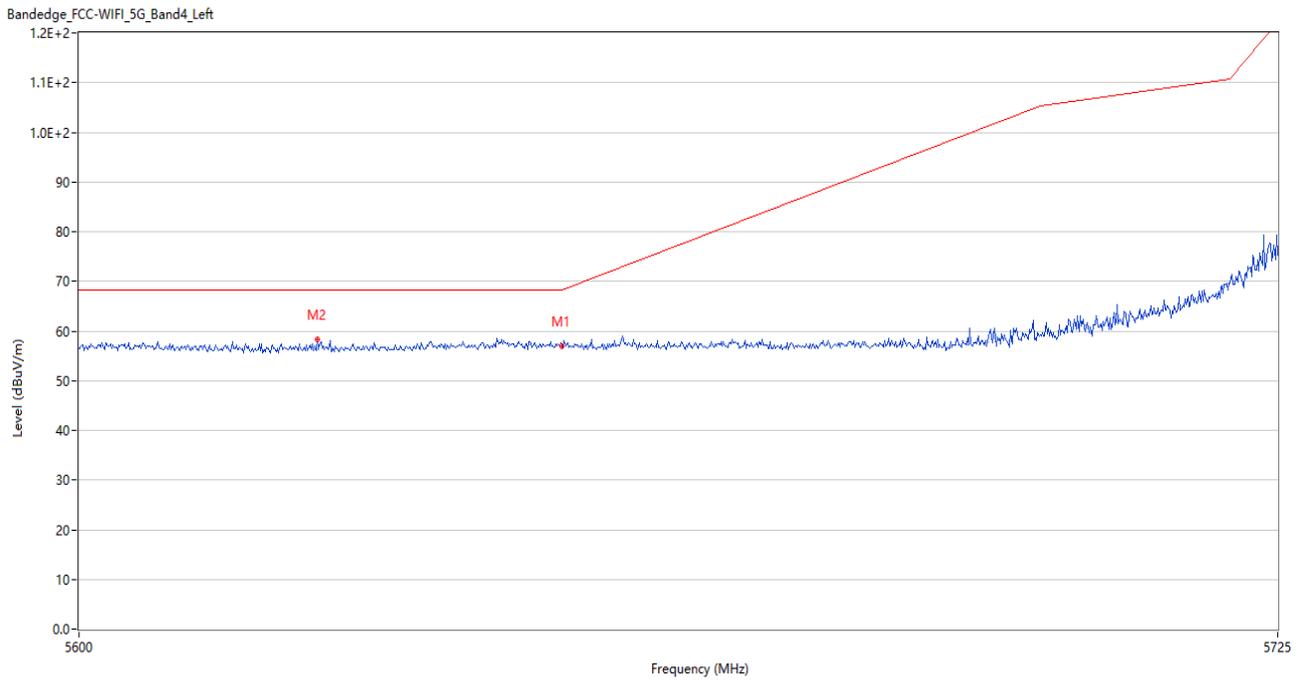
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.95	7.83	68.2	11.25	Peak	167.80	150	Vertical	Pass
2	5998.200	59.20	7.97	68.2	9.00	Peak	343.00	150	Vertical	Pass

U-NII-3 11a High Channel ANT H



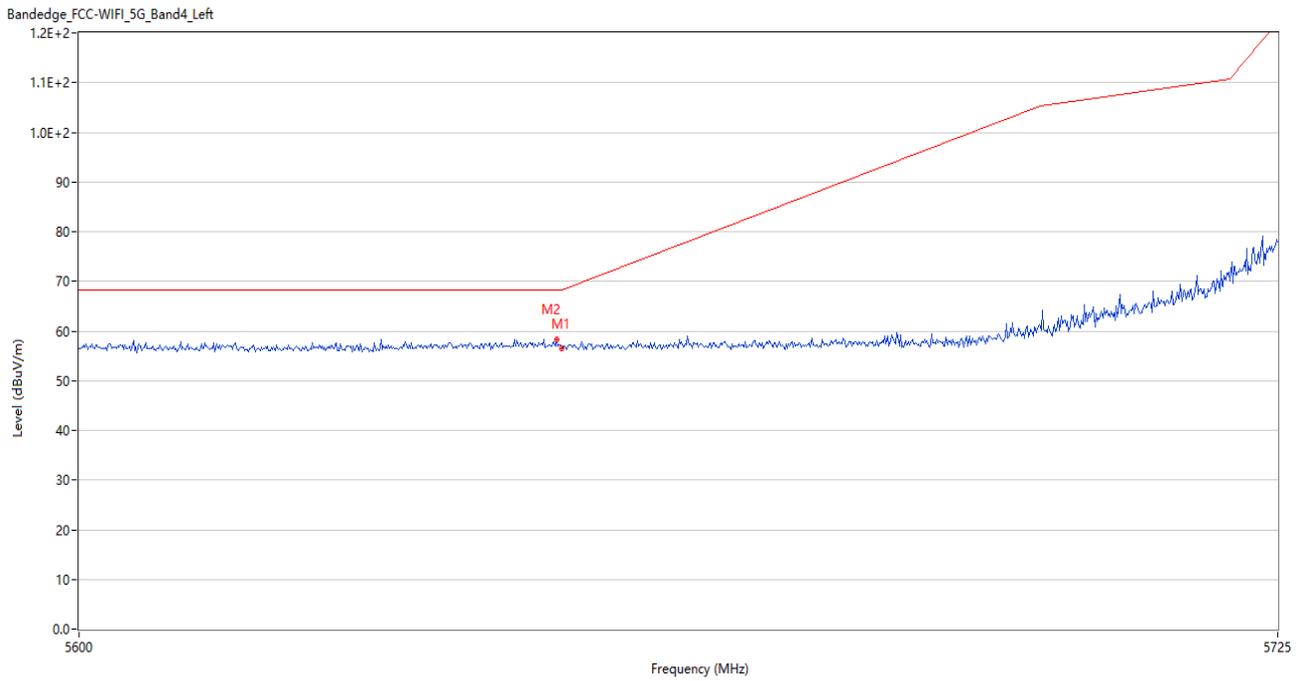
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.37	7.83	68.2	10.83	Peak	295.05	150	Horizontal	Pass
2	5998.200	59.43	7.97	68.2	8.77	Peak	133.00	150	Horizontal	Pass

U-NII-3 11ac20 Low Channel ANT V



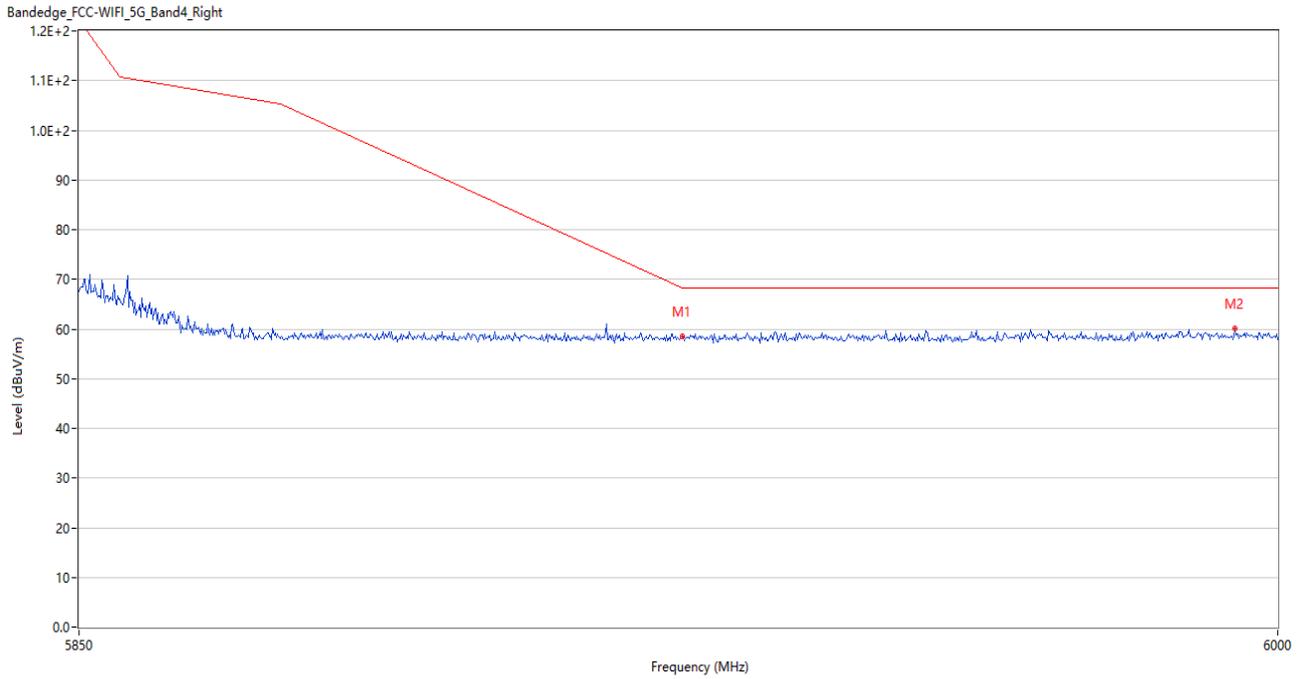
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	56.89	5.94	68.2	11.31	Peak	106.16	150	Vertical	Pass
2	5624.625	58.21	5.88	68.2	9.99	Peak	161.00	150	Vertical	Pass

U-NII-3 11ac20 Low Channel ANT H



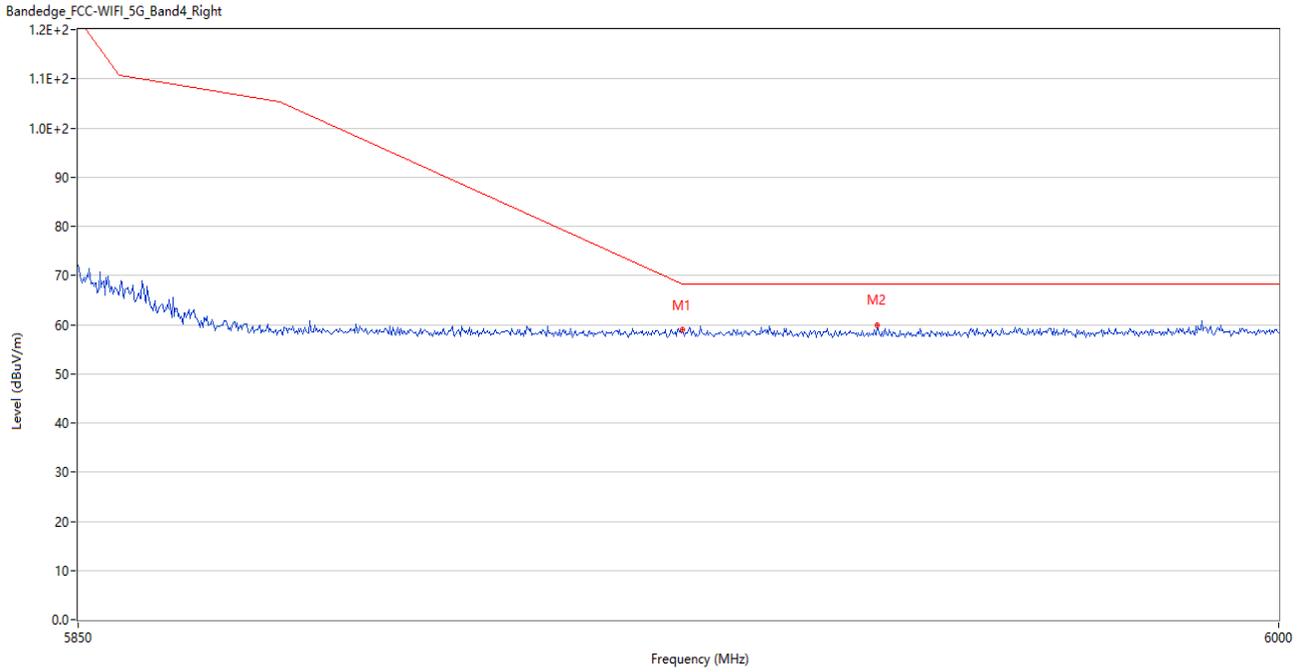
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	56.49	5.94	68.2	11.71	Peak	179.92	150	Horizontal	Pass
2	5649.500	58.36	5.95	68.2	9.84	Peak	245.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel ANT V



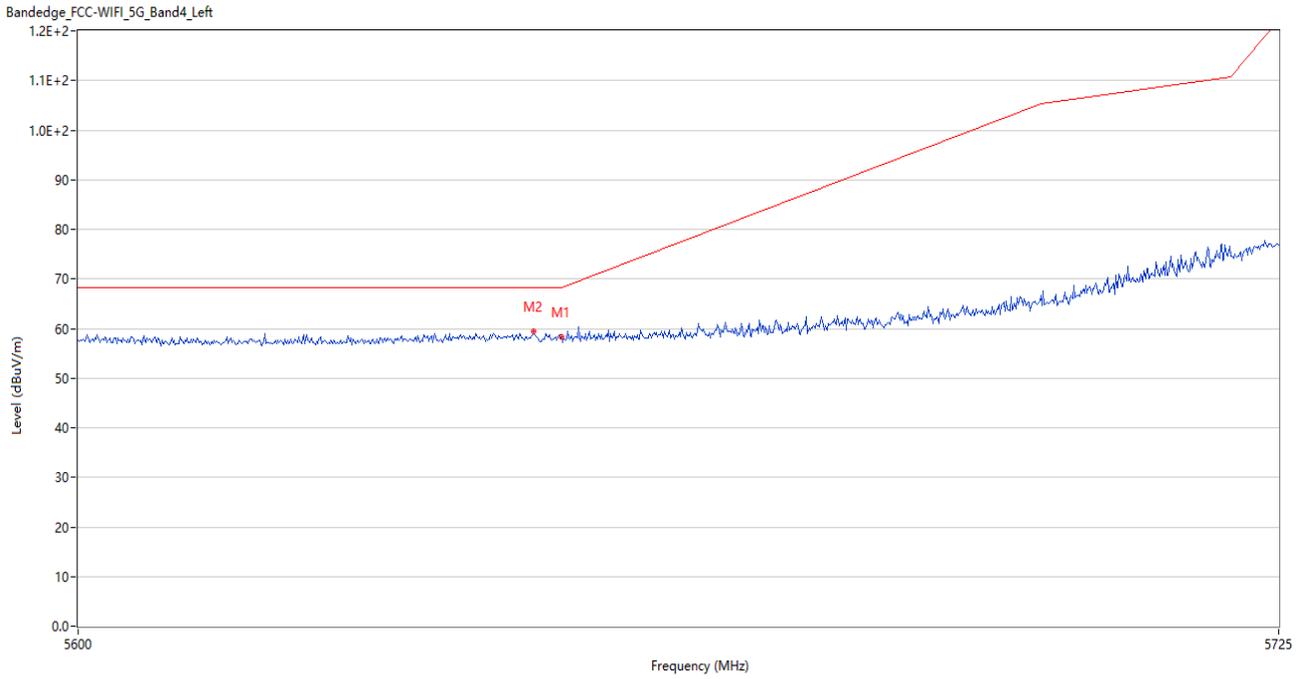
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.52	7.83	68.2	9.68	Peak	0.13	150	Vertical	Pass
2	5994.600	60.17	8.00	68.2	8.03	Peak	0.00	150	Vertical	Pass

U-NII-3 11ac20 High Channel ANT H



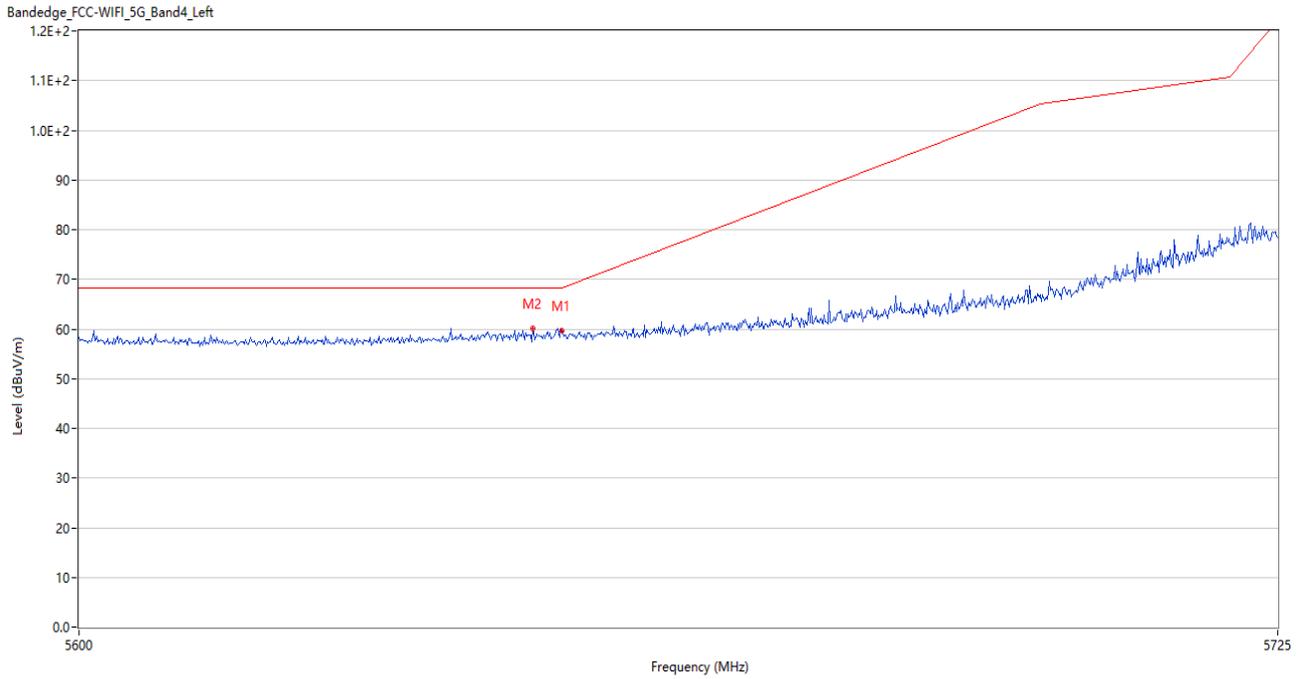
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.87	7.83	68.2	9.33	Peak	359.72	150	Horizontal	Pass
2	5949.450	59.81	7.55	68.2	8.39	Peak	230.00	150	Horizontal	Pass

U-NII-3 11ac40 Low Channel ANT V



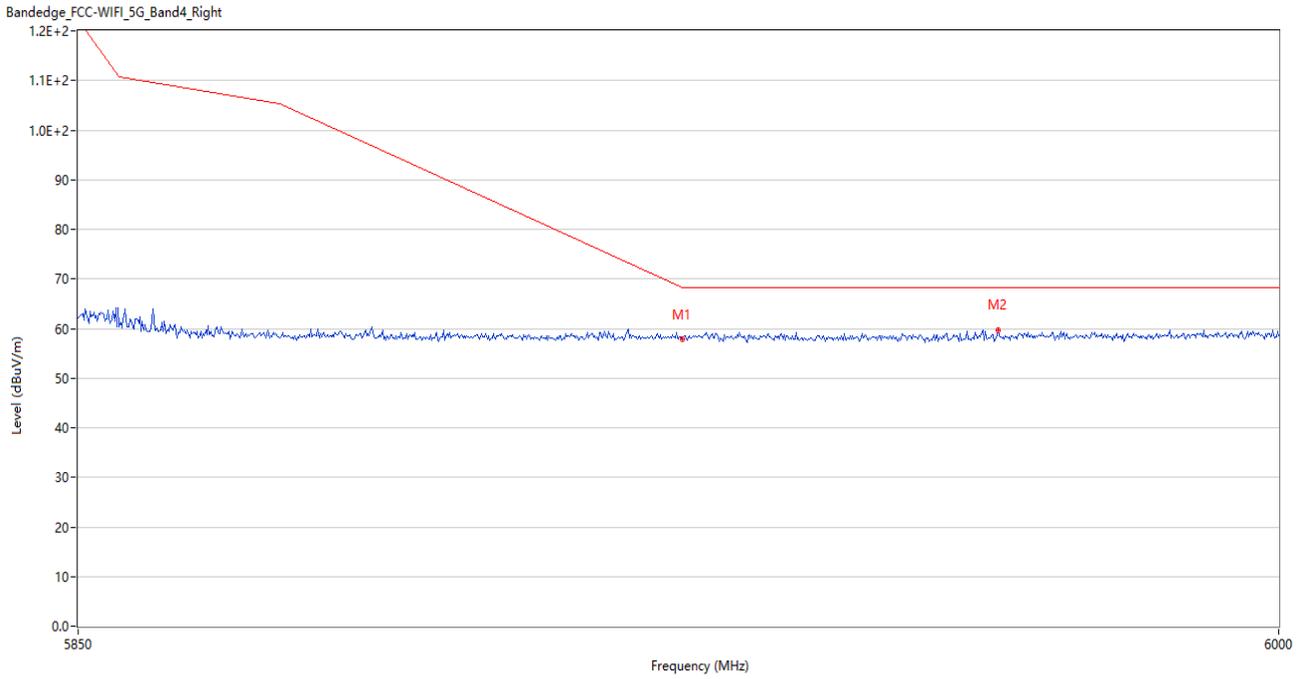
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	58.23	5.94	68.2	9.97	Peak	360.00	150	Vertical	Pass
2	5647.125	59.41	5.95	68.2	8.79	Peak	108.00	150	Vertical	Pass

U-NII-3 11ac40 Low Channel ANT H



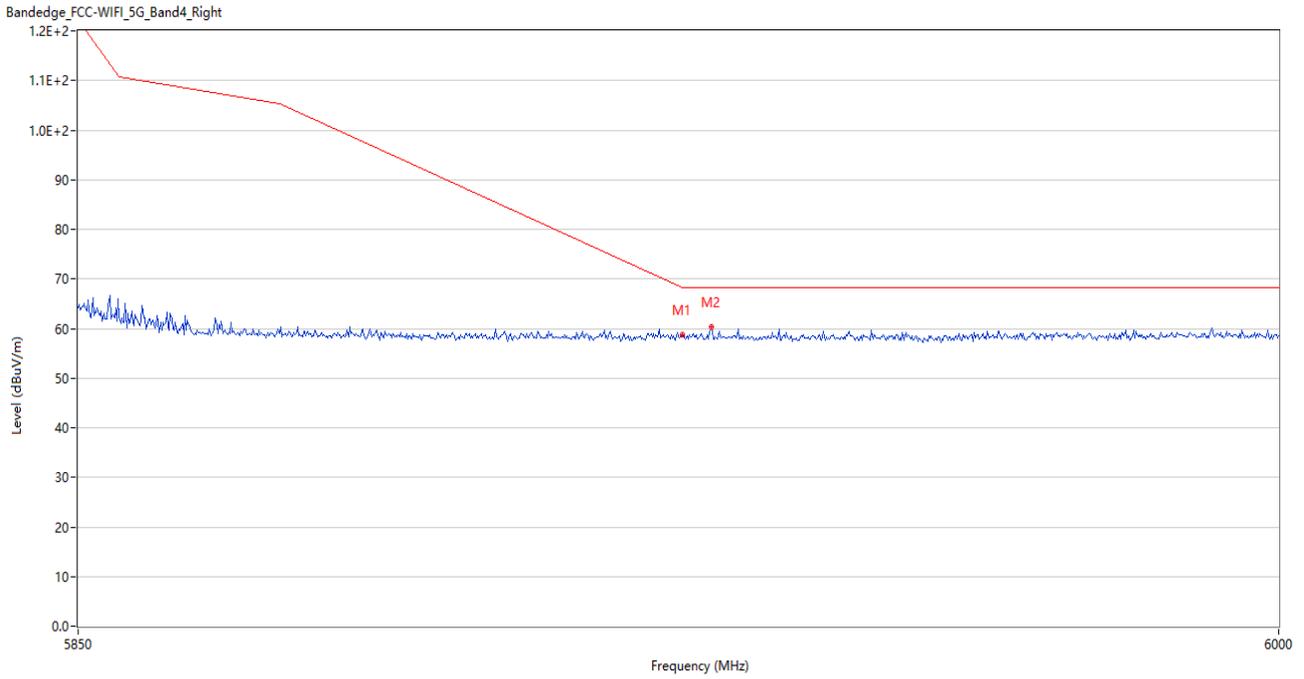
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	59.73	5.94	68.2	8.47	Peak	158.00	150	Horizontal	Pass
2	5647.000	60.15	5.95	68.2	8.05	Peak	87.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel ANT V



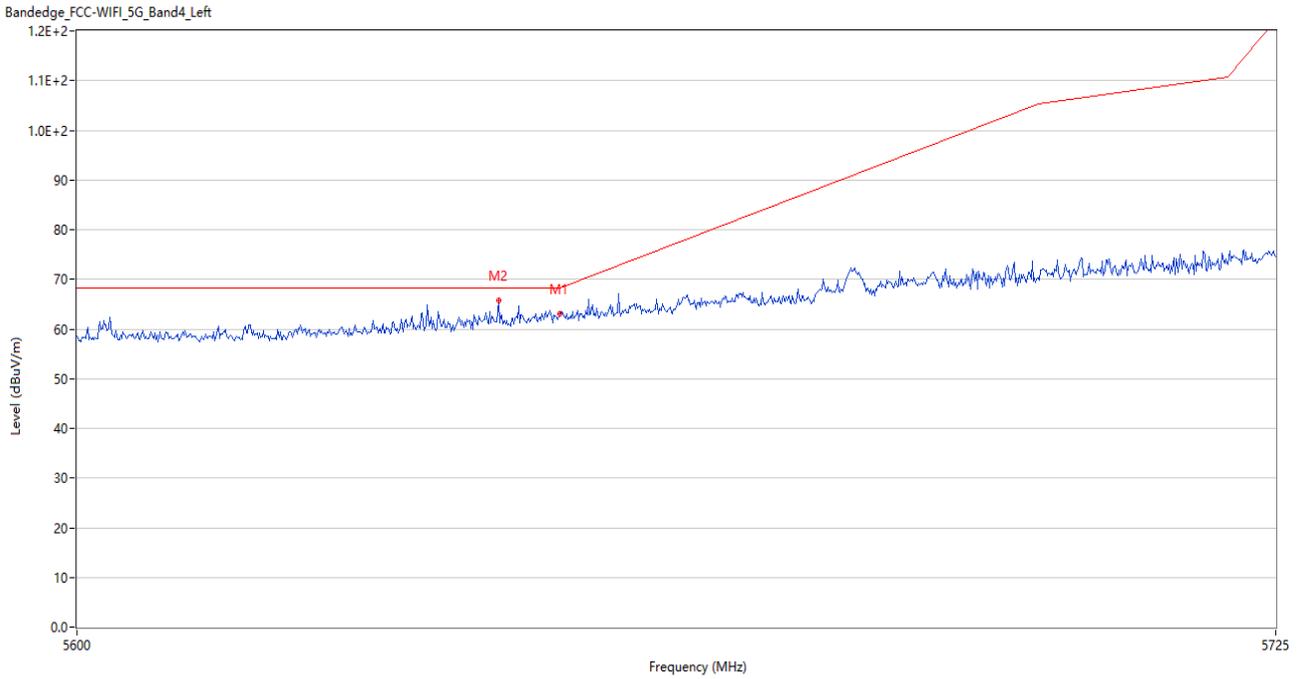
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.83	7.83	68.2	10.37	Peak	0.09	150	Vertical	Pass
2	5964.600	59.58	7.39	68.2	8.62	Peak	225.00	150	Vertical	Pass

U-NII-3 11ac40 High Channel ANT H



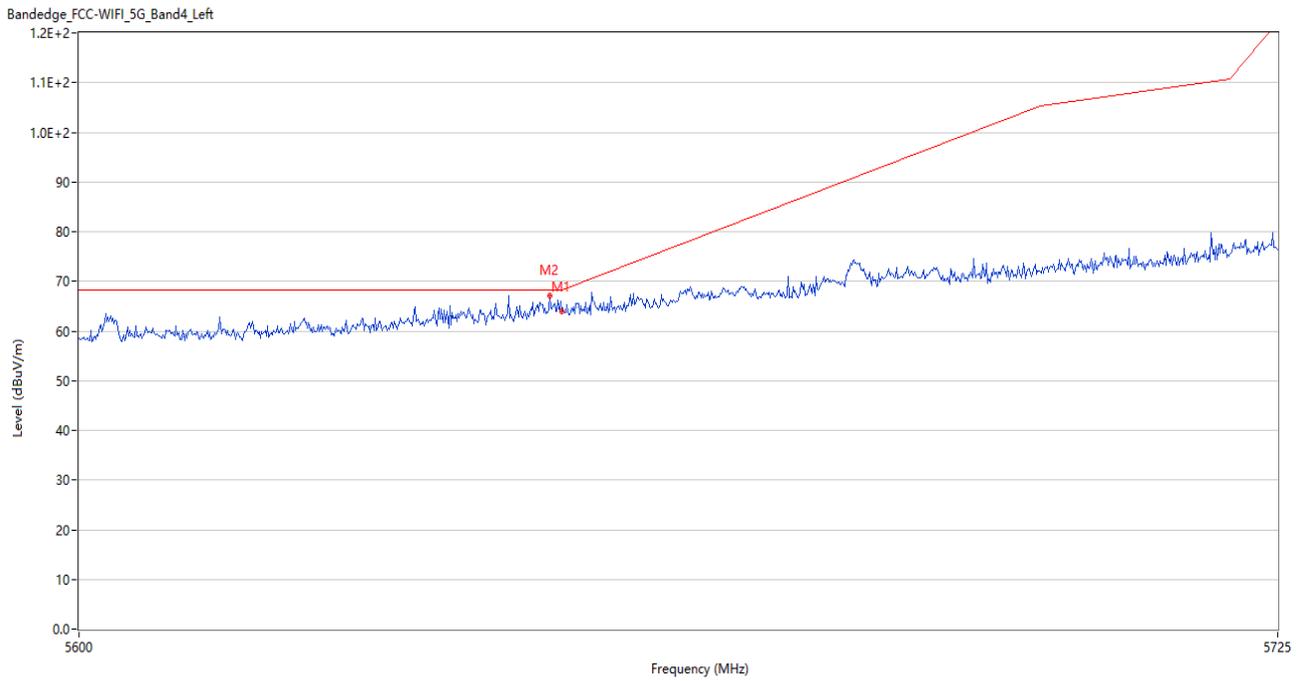
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.77	7.83	68.2	9.43	Peak	88.21	150	Horizontal	Pass
2	5928.600	60.29	7.70	68.2	7.91	Peak	320.00	150	Horizontal	Pass

U-NII-3 11ac80 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	5650.000	62.94	5.94	68.2	5.26	Peak	113.00	150	Vertical	Pass
2	5643.625	65.70	6.01	68.2	2.50	Peak	120.00	150	Vertical	Pass

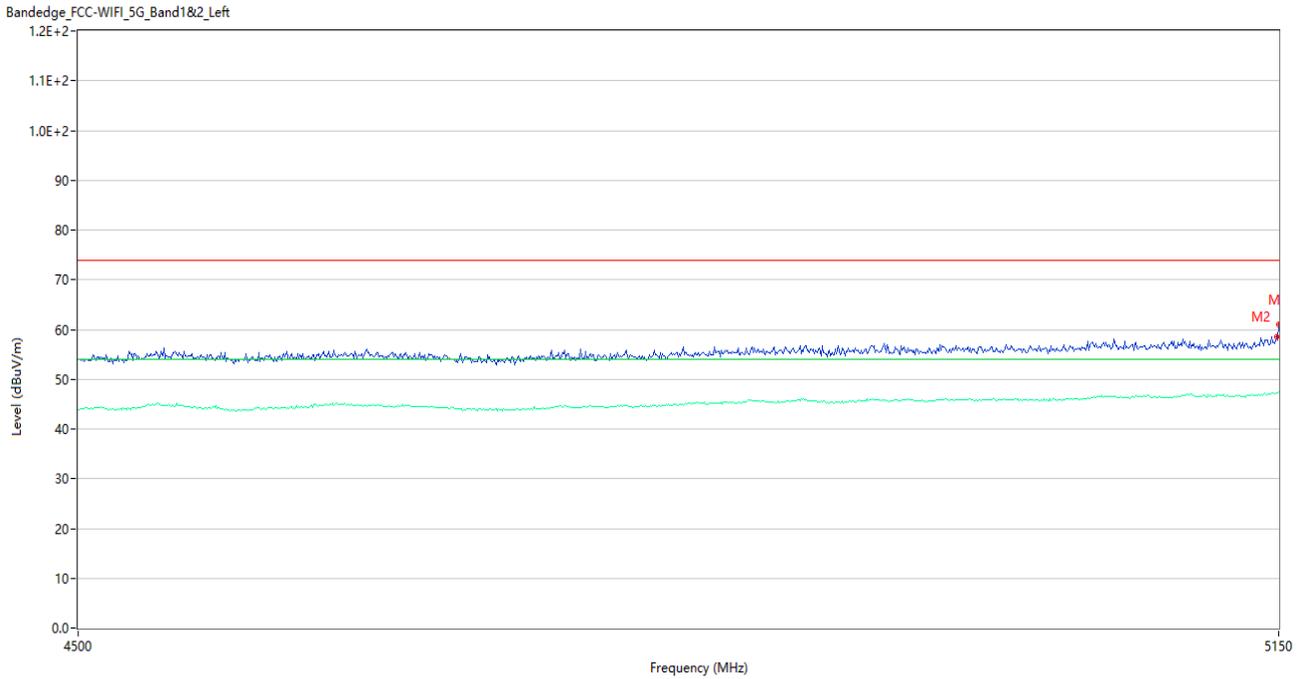
U-NII-3 11ac80 Middle Channel ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	63.88	5.94	68.2	4.32	Peak	84.06	150	Horizontal	Pass
2	5648.750	67.18	5.96	68.2	1.02	Peak	132.00	150	Horizontal	Pass

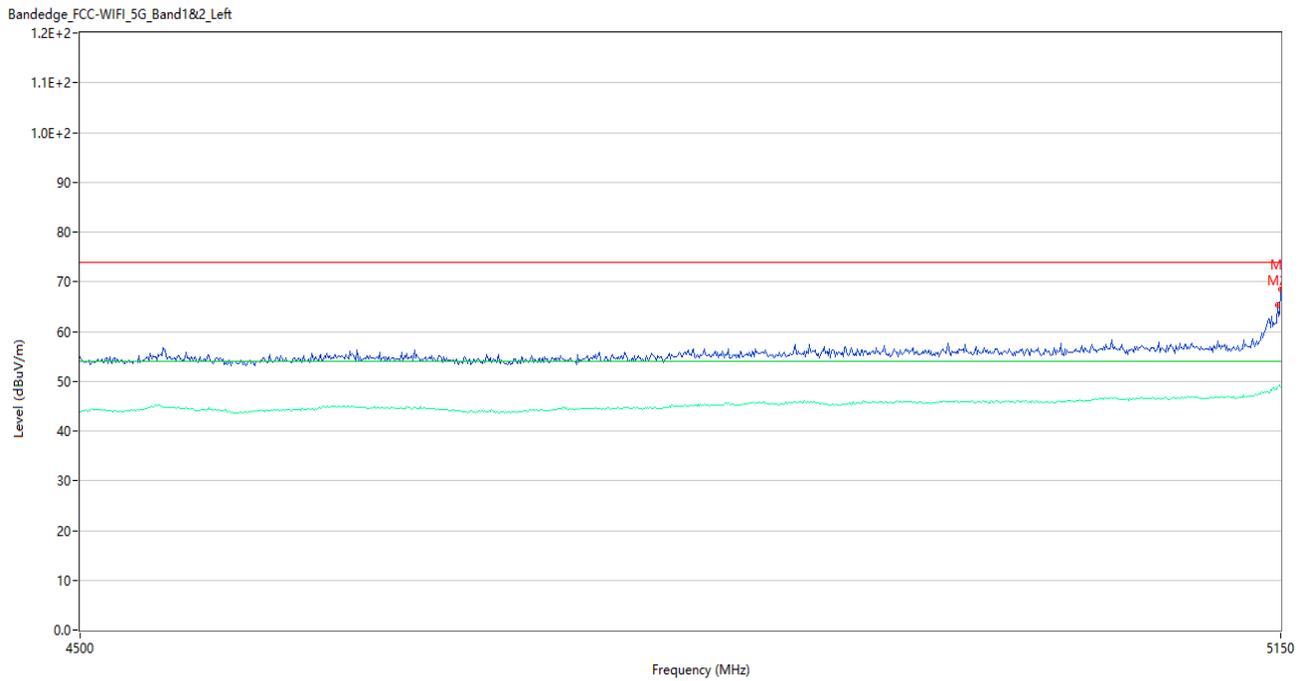
Antenna 1

U-NII-1 11a Low Channel ANT V



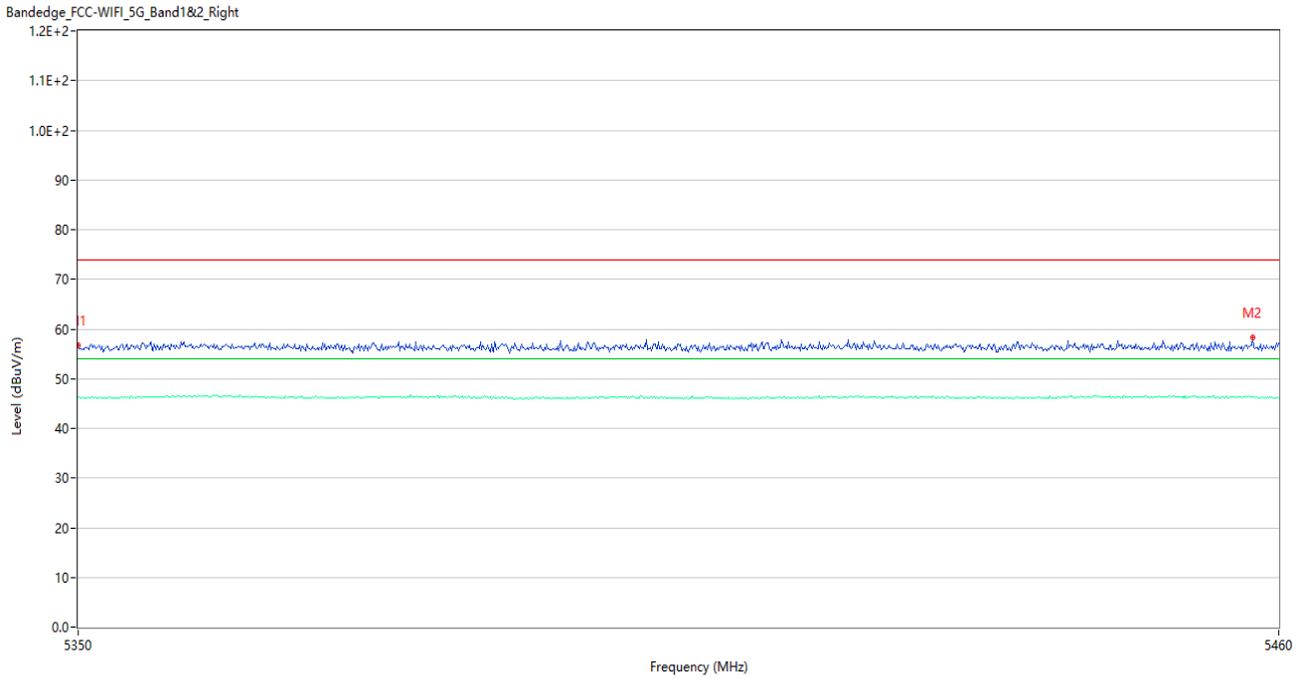
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	61.06	5.21	74.0	12.94	Peak	26.06	150	Vertical	Pass
1**	5150.000	47.36	5.21	54.0	6.64	AV	26.06	150	Vertical	Pass
2	5148.700	58.57	5.23	74.0	15.43	Peak	96.00	150	Vertical	Pass
2**	5148.700	47.22	5.23	54.0	6.78	AV	96.00	150	Vertical	Pass

U-NII-1 11a Low Channel ANT H



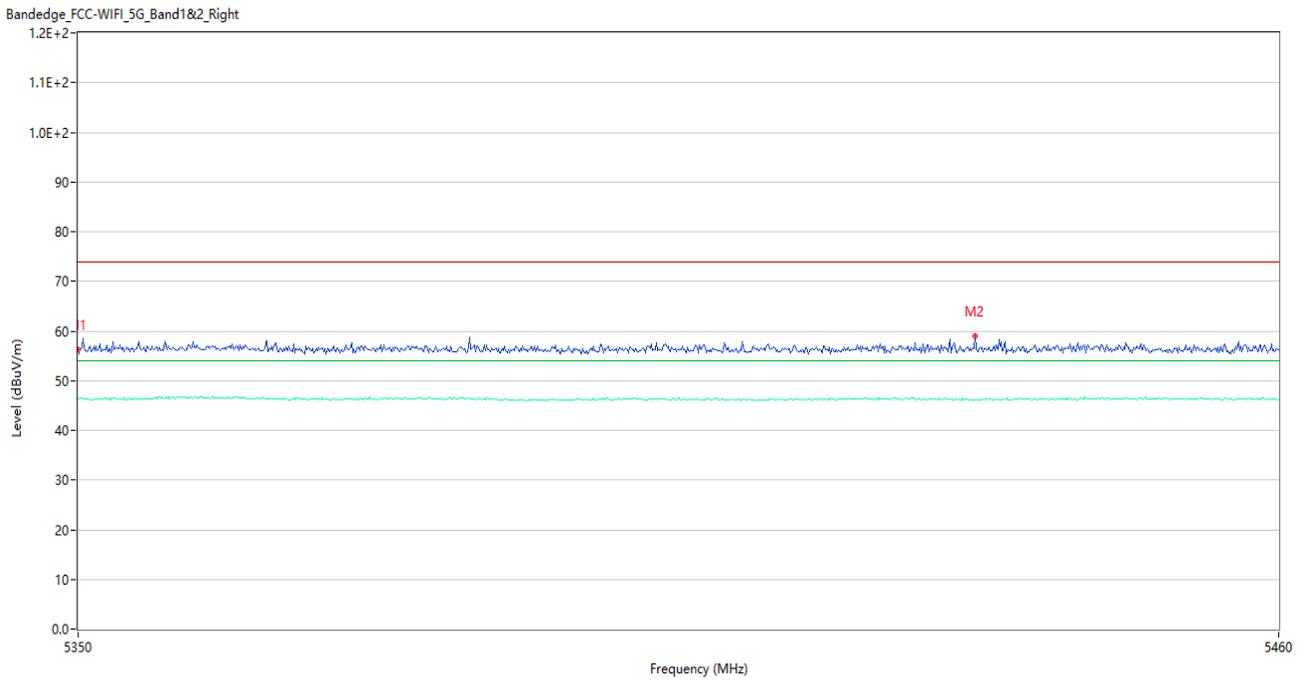
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	68.38	5.21	74.0	5.62	Peak	279.00	150	Horizontal	Pass
1**	5150.000	48.88	5.21	54.0	5.12	AV	279.00	150	Horizontal	Pass
2	5148.050	65.30	5.26	74.0	8.70	Peak	265.00	150	Horizontal	Pass
2**	5148.050	48.86	5.26	54.0	5.14	AV	265.00	150	Horizontal	Pass

U-NII-1 11a High Channel ANT V



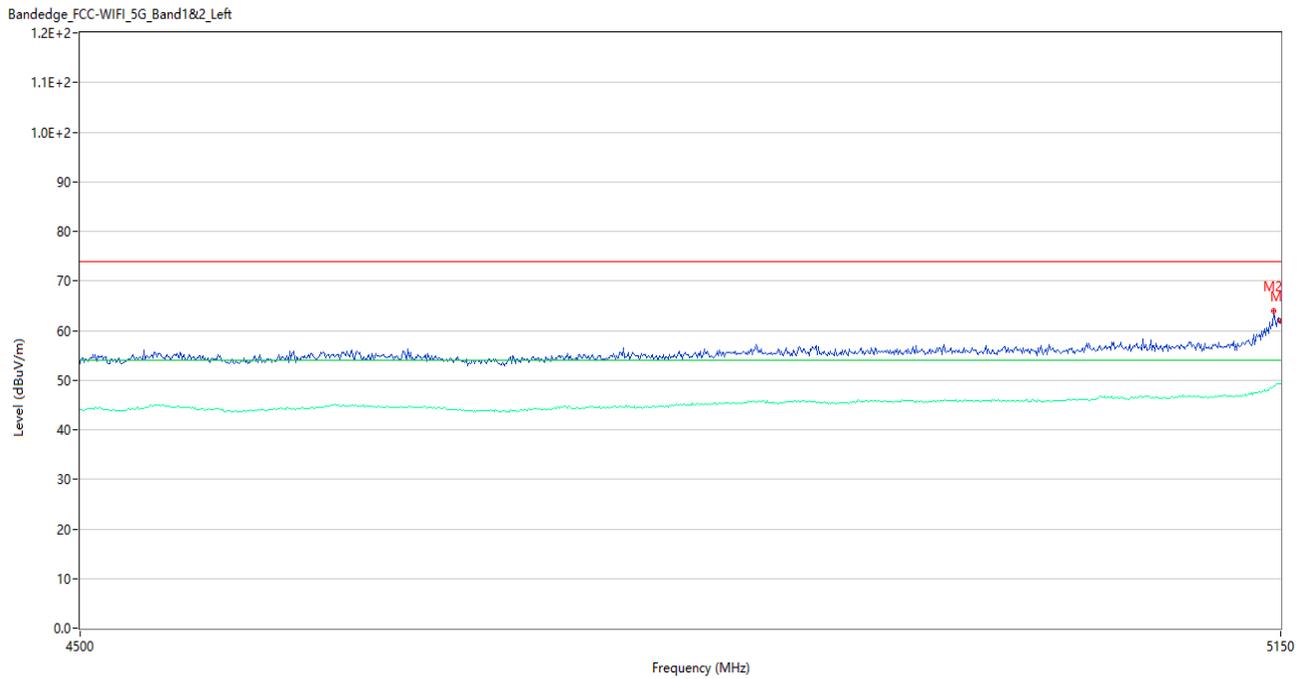
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.72	5.40	74.0	17.28	Peak	360.00	150	Vertical	Pass
1**	5350.000	46.33	5.40	54.0	7.67	AV	360.00	150	Vertical	Pass
2	5457.580	58.31	5.47	74.0	15.69	Peak	150.00	150	Vertical	Pass
2**	5457.580	46.36	5.47	54.0	7.64	AV	150.00	150	Vertical	Pass

U-NII-1 11a High Channel ANT H



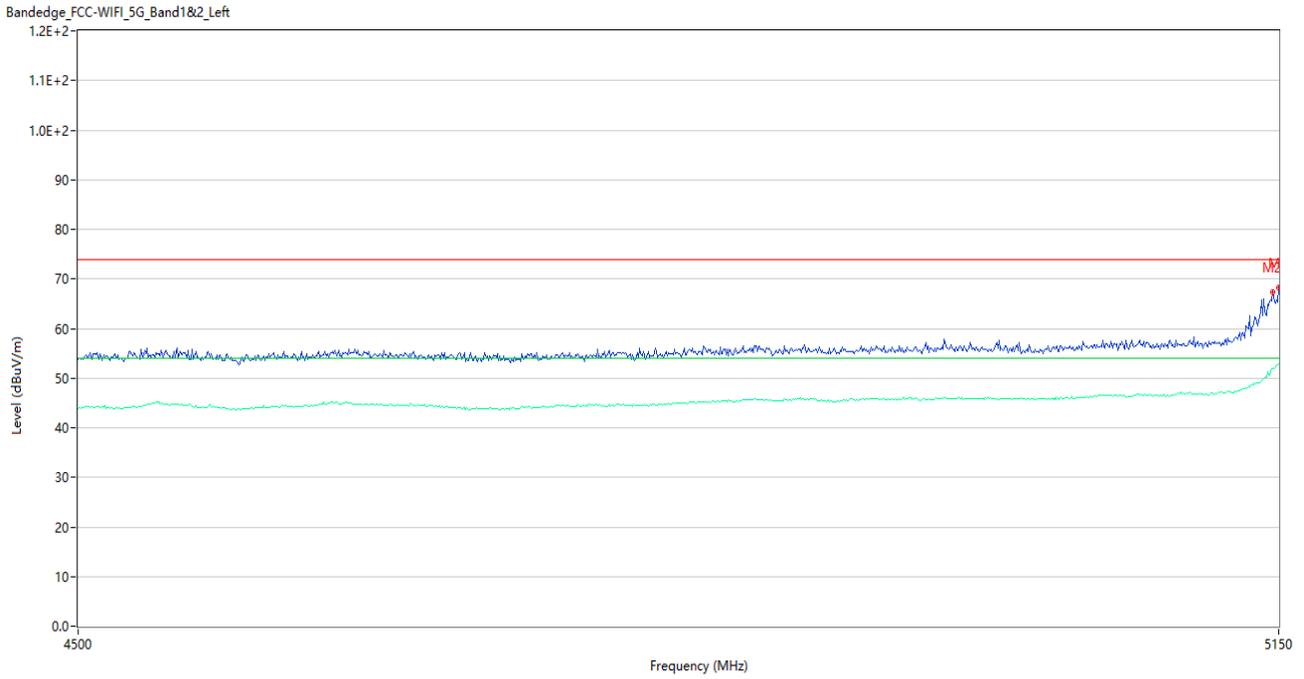
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.22	5.40	74.0	17.78	Peak	116.00	150	Horizontal	Pass
1**	5350.000	46.24	5.40	54.0	7.76	AV	116.00	150	Horizontal	Pass
2	5431.950	58.98	5.25	74.0	15.02	Peak	287.00	150	Horizontal	Pass
2**	5431.950	46.12	5.25	54.0	7.88	AV	287.00	150	Horizontal	Pass

U-NII-1 11ac20 Low Channel ANT V



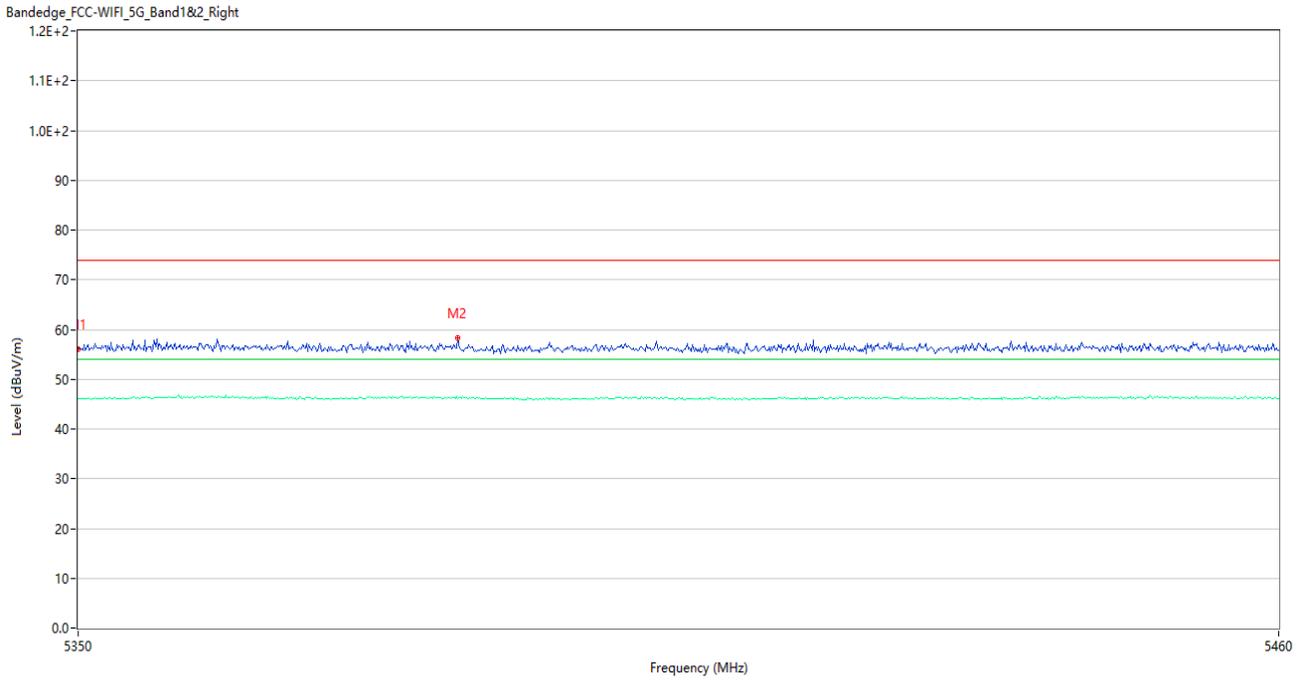
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	61.93	5.21	74.0	12.07	Peak	21.07	150	Vertical	Pass
1**	5150.000	49.28	5.21	54.0	4.72	AV	21.07	150	Vertical	Pass
2	5146.100	63.86	5.37	74.0	10.14	Peak	360.00	150	Vertical	Pass
2**	5146.100	48.75	5.37	54.0	5.25	AV	360.00	150	Vertical	Pass

U-NII-1 11ac20 Low Channel ANT H



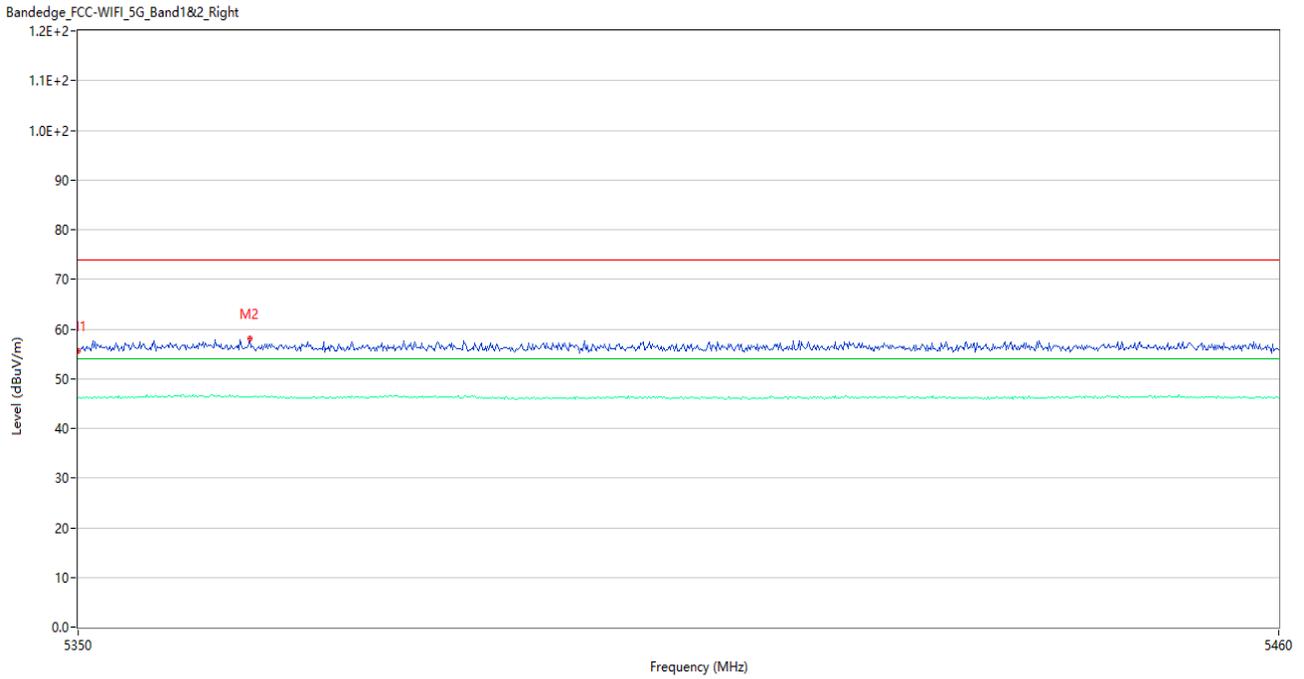
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1	5150.000	68.33	5.21	74.0	5.67	Peak	248.00	150	Horizontal	Pass
1**	5150.000	52.97	5.21	54.0	1.03	AV	248.00	150	Horizontal	Pass
2	5146.750	67.32	5.33	74.0	6.68	Peak	181.00	150	Horizontal	Pass
2**	5146.750	51.89	5.33	54.0	2.11	AV	181.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel ANT V



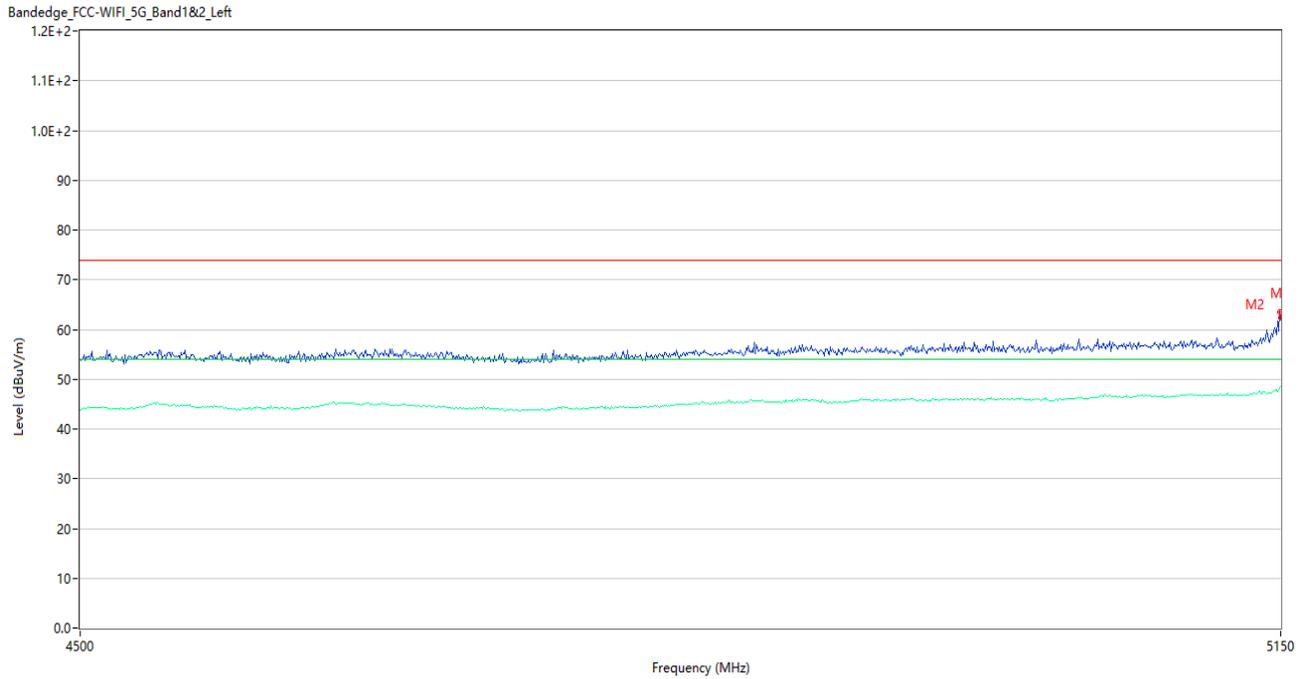
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.16	5.40	74.0	17.84	Peak	302.00	150	Vertical	Pass
1**	5350.000	46.07	5.40	54.0	7.93	AV	302.00	150	Vertical	Pass
2	5384.540	58.33	5.71	74.0	15.67	Peak	35.00	150	Vertical	Pass
2**	5384.540	46.20	5.71	54.0	7.80	AV	35.00	150	Vertical	Pass

U-NII-1 11ac20 High Channel ANT H



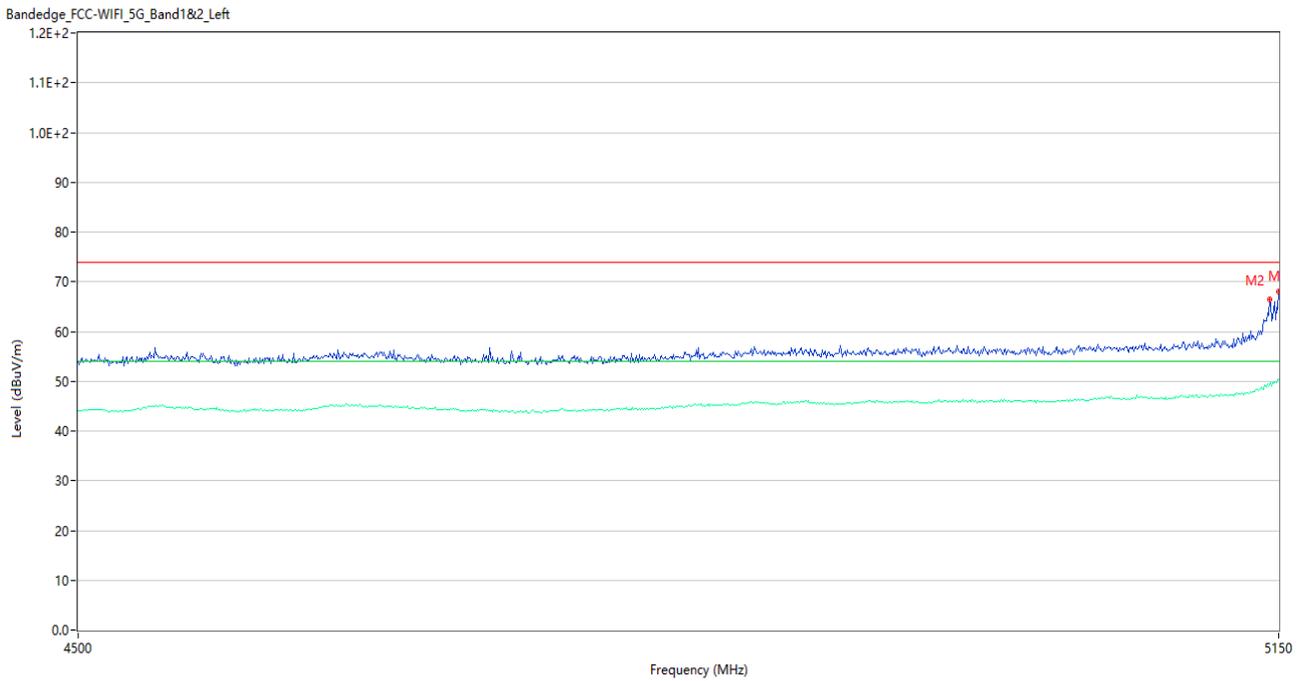
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.67	5.40	74.0	18.33	Peak	5.00	150	Horizontal	Pass
1**	5350.000	46.10	5.40	54.0	7.90	AV	5.00	150	Horizontal	Pass
2	5365.620	58.05	5.53	74.0	15.95	Peak	9.00	150	Horizontal	Pass
2**	5365.620	46.34	5.53	54.0	7.66	AV	9.00	150	Horizontal	Pass

U-NII-1 11ac40 Low Channel ANT V



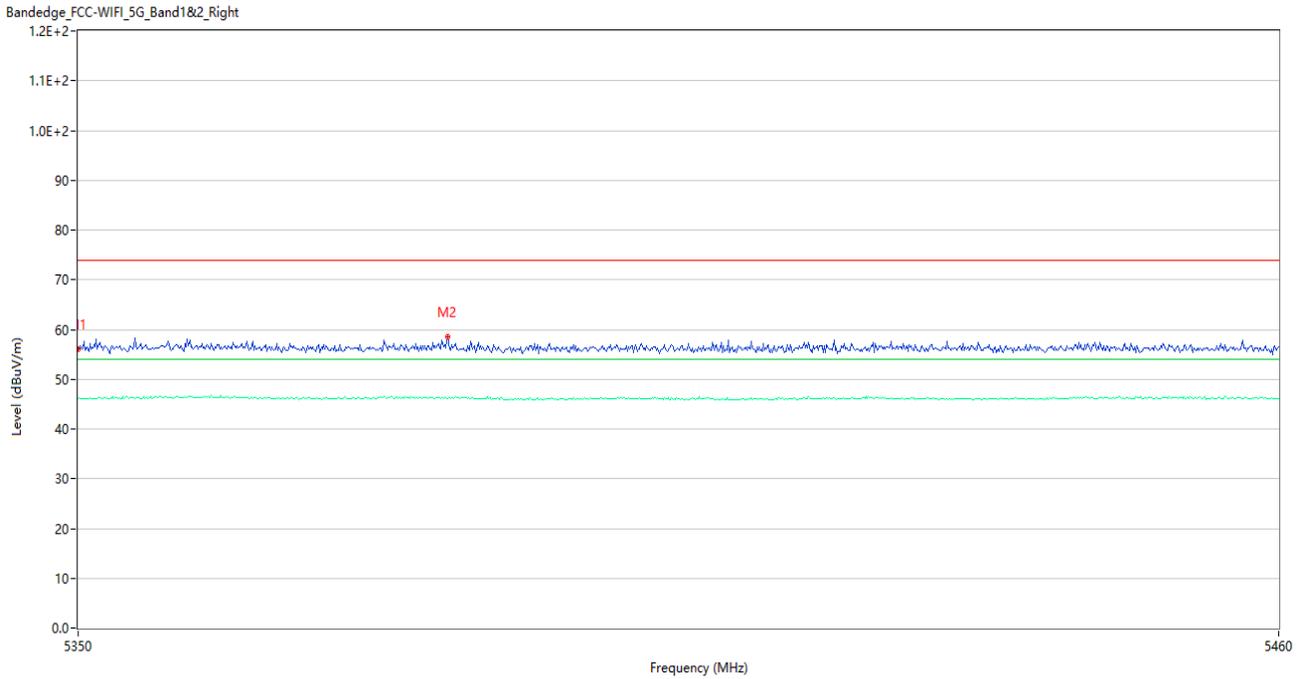
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1	5150.000	62.29	5.21	74.0	11.71	Peak	359.93	150	Vertical	Pass
1**	5150.000	48.50	5.21	54.0	5.50	AV	359.93	150	Vertical	Pass
2	5149.350	63.41	5.21	74.0	10.59	Peak	17.00	150	Vertical	Pass
2**	5149.350	48.12	5.21	54.0	5.88	AV	17.00	150	Vertical	Pass

U-NII-1 11ac40 Low Channel ANT H



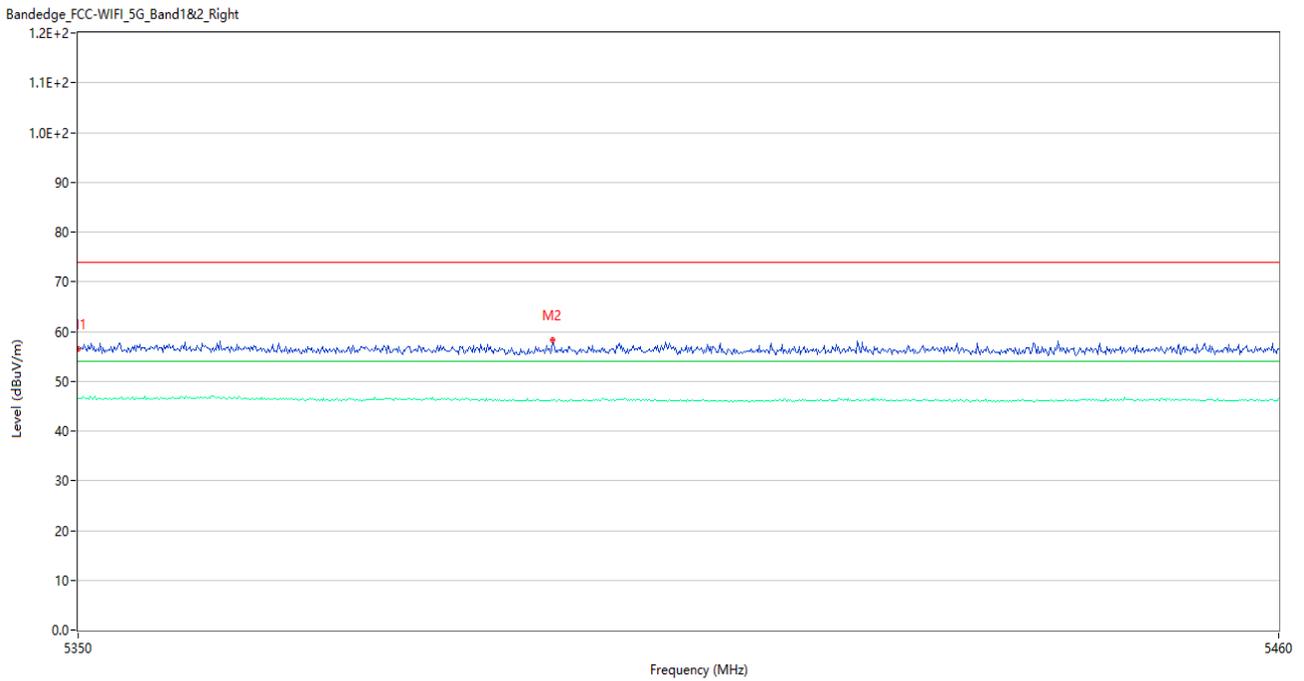
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	68.09	5.21	74.0	5.91	Peak	242.00	150	Horizontal	Pass
1**	5150.000	50.38	5.21	54.0	3.62	AV	242.00	150	Horizontal	Pass
2	5144.800	66.39	5.42	74.0	7.61	Peak	136.00	150	Horizontal	Pass
2**	5144.800	49.25	5.42	54.0	4.75	AV	136.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel ANT V



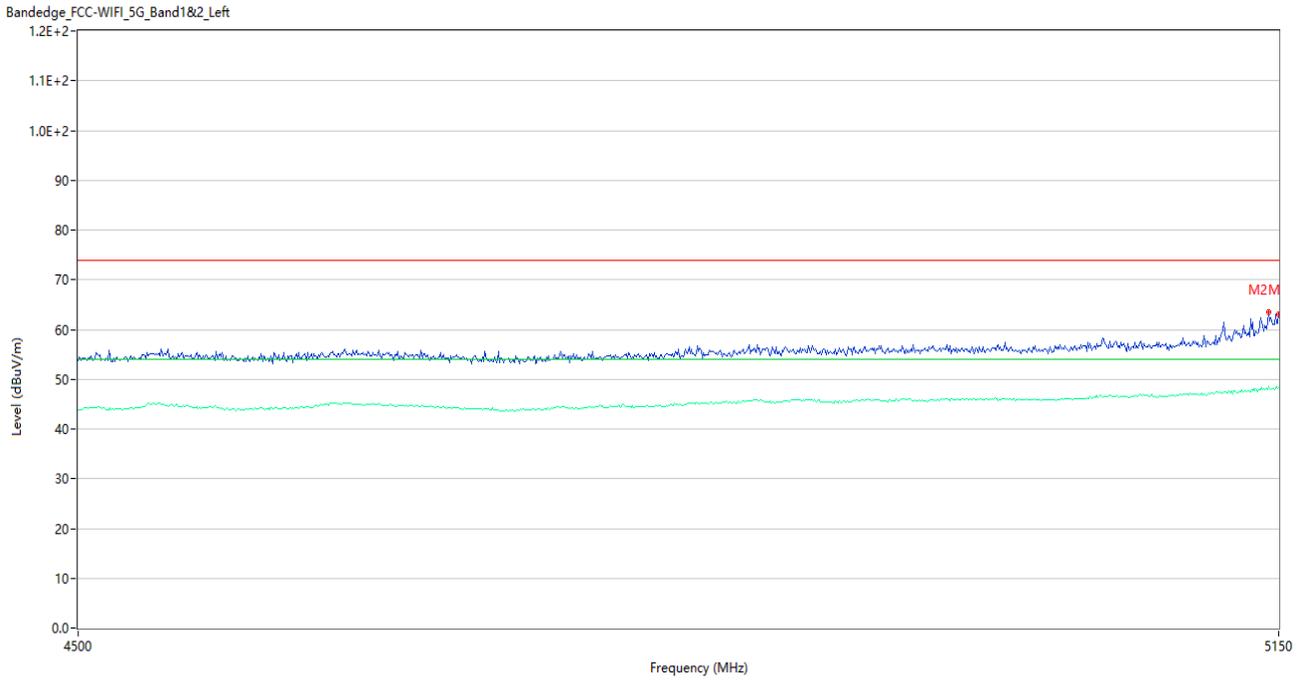
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.15	5.40	74.0	17.85	Peak	268.00	150	Vertical	Pass
1**	5350.000	46.12	5.40	54.0	7.88	AV	268.00	150	Vertical	Pass
2	5383.660	58.50	5.71	74.0	15.50	Peak	54.00	150	Vertical	Pass
2**	5383.660	46.20	5.71	54.0	7.80	AV	54.00	150	Vertical	Pass

U-NII-1 11ac40 High Channel ANT H



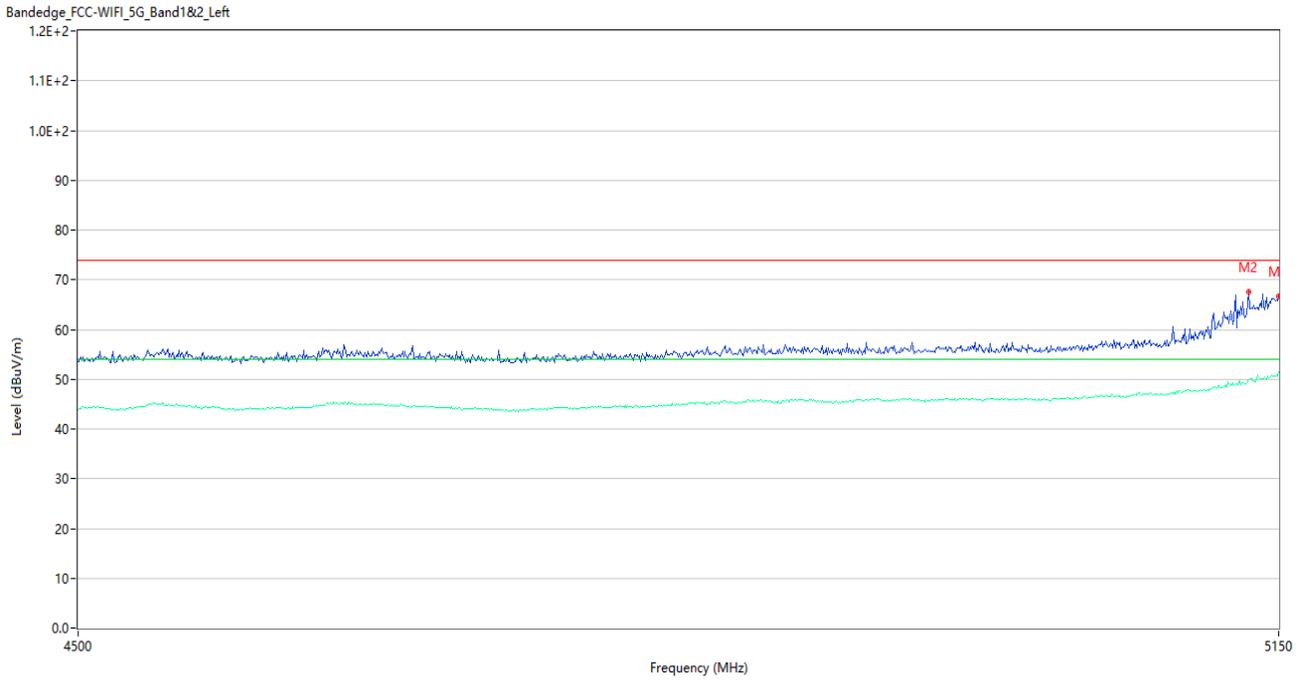
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.47	5.40	74.0	17.53	Peak	119.00	150	Horizontal	Pass
1**	5350.000	46.47	5.40	54.0	7.53	AV	119.00	150	Horizontal	Pass
2	5393.230	58.23	5.61	74.0	15.77	Peak	346.00	150	Horizontal	Pass
2**	5393.230	46.18	5.61	54.0	7.82	AV	346.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel ANT V



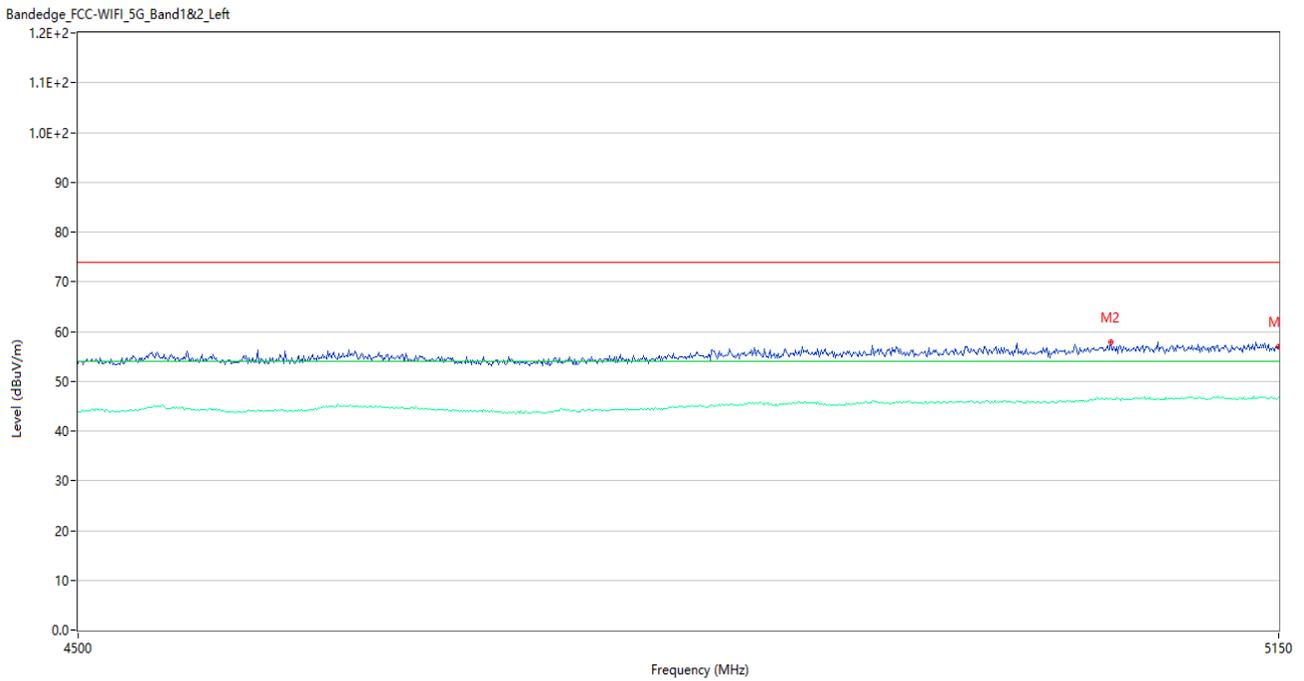
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	63.07	5.21	74.0	10.93	Peak	360.00	150	Vertical	Pass
1**	5150.000	48.41	5.21	54.0	5.59	AV	360.00	150	Vertical	Pass
2	5144.150	63.48	5.42	74.0	10.52	Peak	360.00	150	Vertical	Pass
2**	5144.150	48.50	5.42	54.0	5.50	AV	360.00	150	Vertical	Pass

U-NII-1 11ac80 Middle Channel ANT H



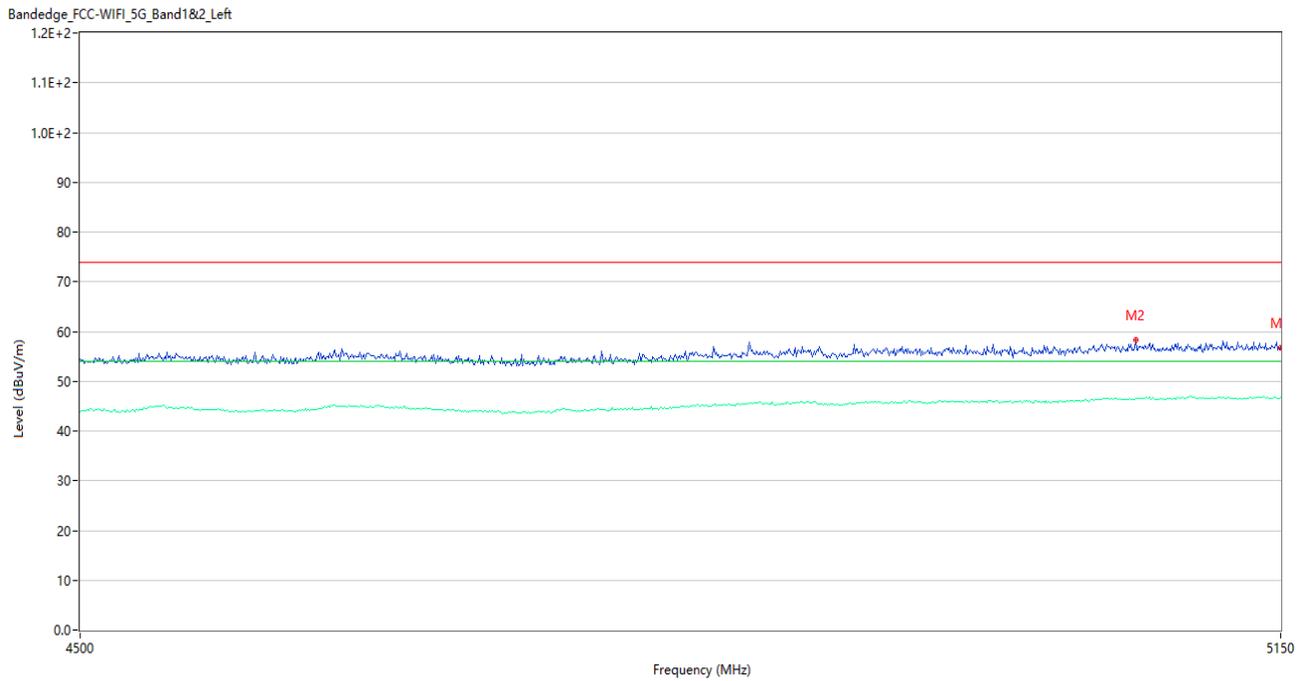
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	66.64	5.21	74.0	7.36	Peak	129.00	150	Horizontal	Pass
1**	5150.000	51.46	5.21	54.0	2.54	AV	129.00	150	Horizontal	Pass
2	5132.450	67.62	5.30	74.0	6.38	Peak	273.00	150	Horizontal	Pass
2**	5132.450	49.90	5.30	54.0	4.10	AV	273.00	150	Horizontal	Pass

U-NII-2A 11a Low Channel ANT V



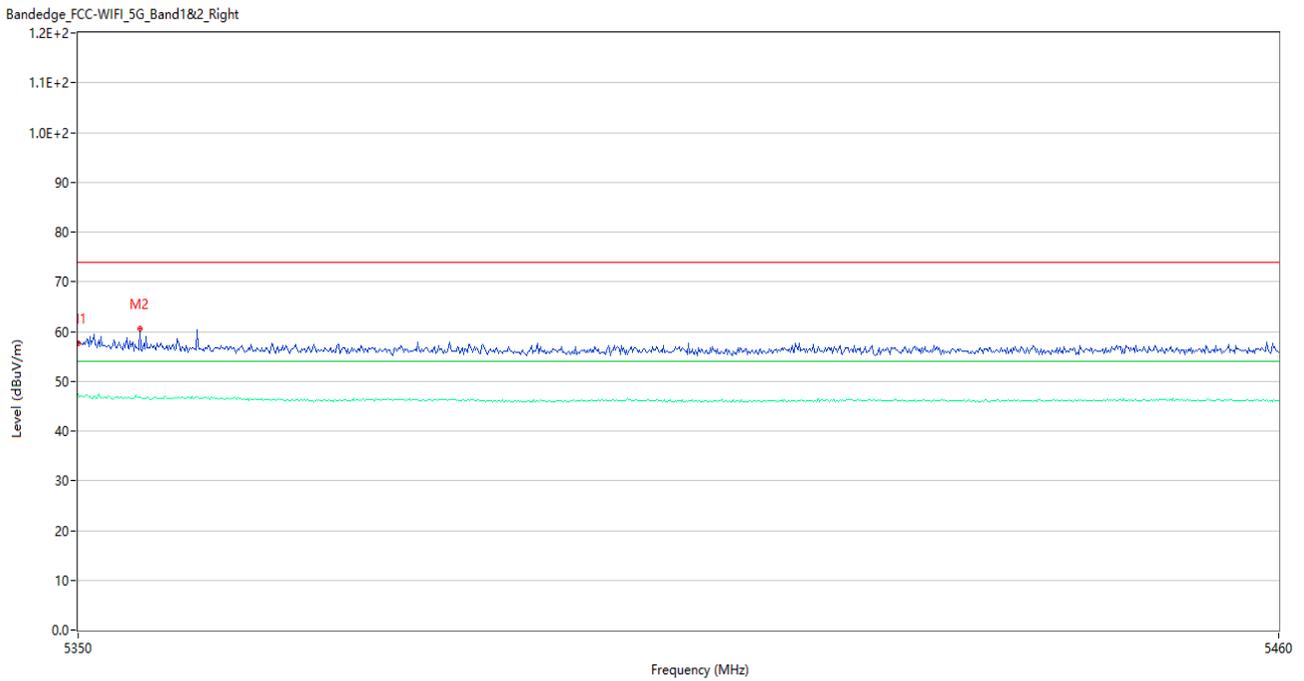
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.00	5.21	74.0	17.00	Peak	221.99	150	Vertical	Pass
1**	5150.000	46.77	5.21	54.0	7.23	AV	221.99	150	Vertical	Pass
2	5053.800	57.86	5.11	74.0	16.14	Peak	360.00	150	Vertical	Pass
2**	5053.800	46.47	5.11	54.0	7.53	AV	360.00	150	Vertical	Pass

U-NII-2A 11a Low Channel ANT H



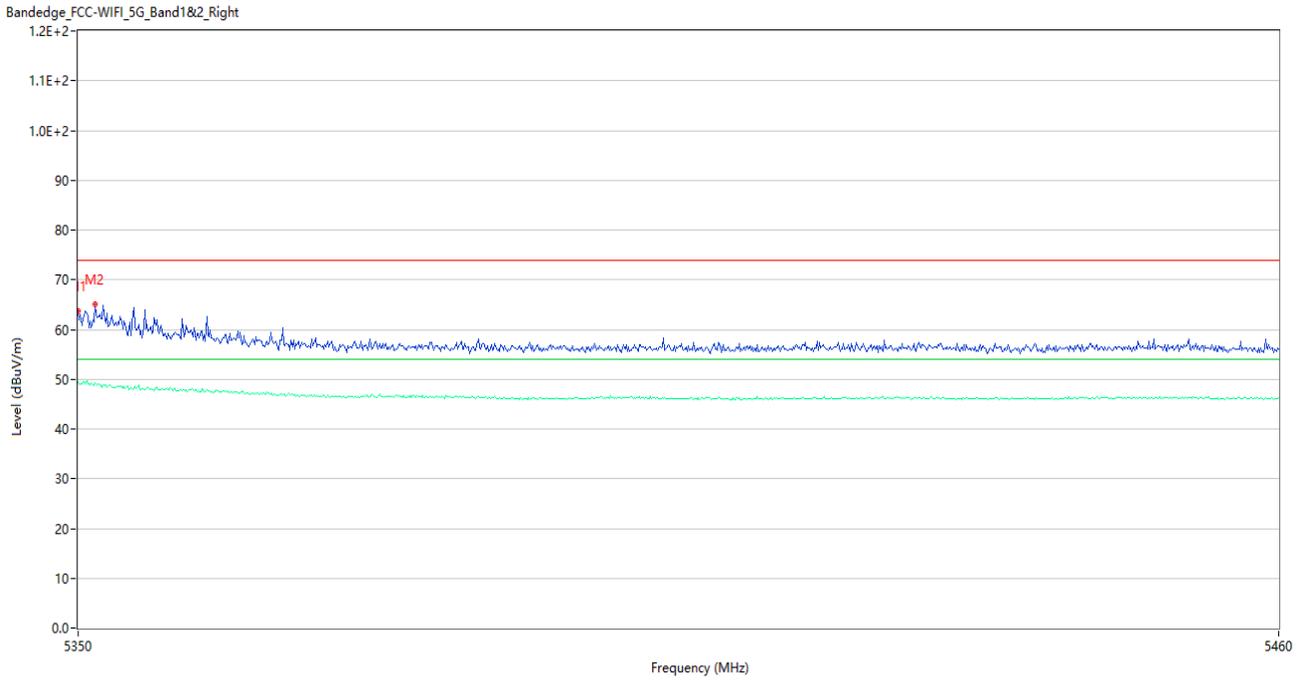
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.73	5.21	74.0	17.27	Peak	357.97	150	Horizontal	Pass
1**	5150.000	46.71	5.21	54.0	7.29	AV	357.97	150	Horizontal	Pass
2	5066.800	58.34	5.17	74.0	15.66	Peak	124.00	150	Horizontal	Pass
2**	5066.800	46.63	5.17	54.0	7.37	AV	124.00	150	Horizontal	Pass

U-NII-2A 11a High Channel ANT V



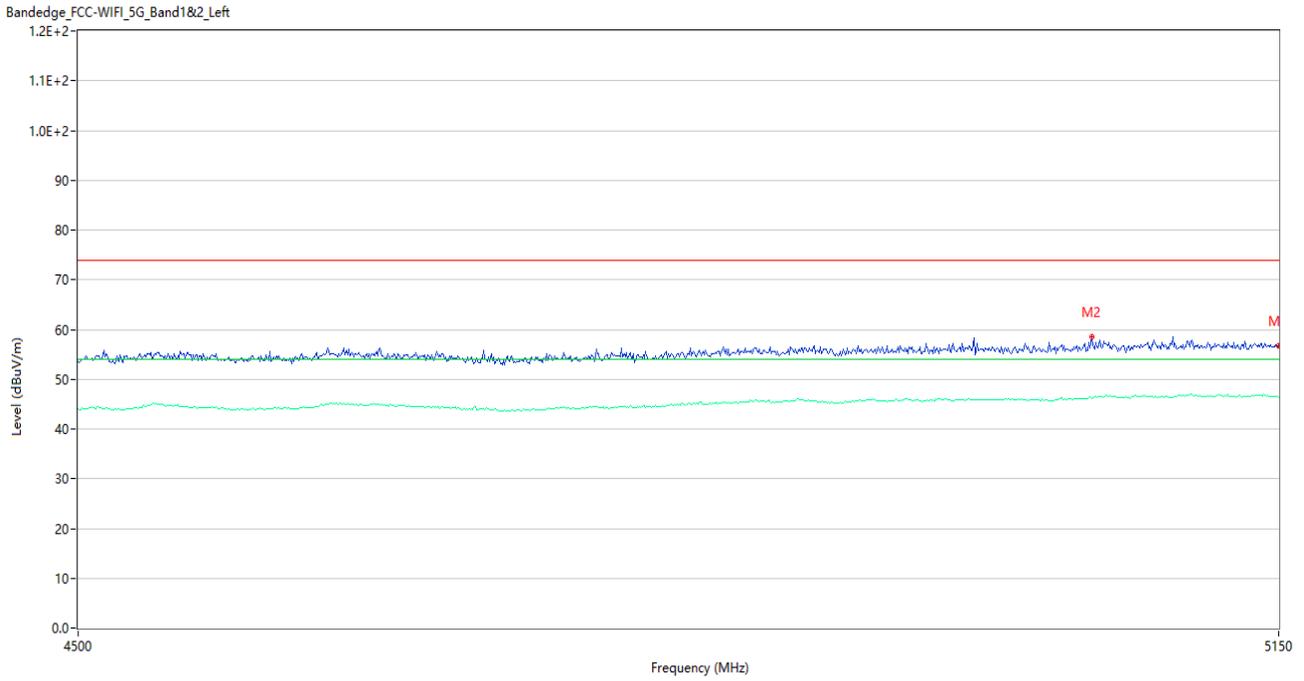
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.57	5.40	74.0	16.43	Peak	0.00	150	Vertical	Pass
1**	5350.000	47.45	5.40	54.0	6.55	AV	0.00	150	Vertical	Pass
2	5355.610	60.48	5.56	74.0	13.52	Peak	81.00	150	Vertical	Pass
2**	5355.610	46.77	5.56	54.0	7.23	AV	81.00	150	Vertical	Pass

U-NII-2A 11a High Channel ANT H



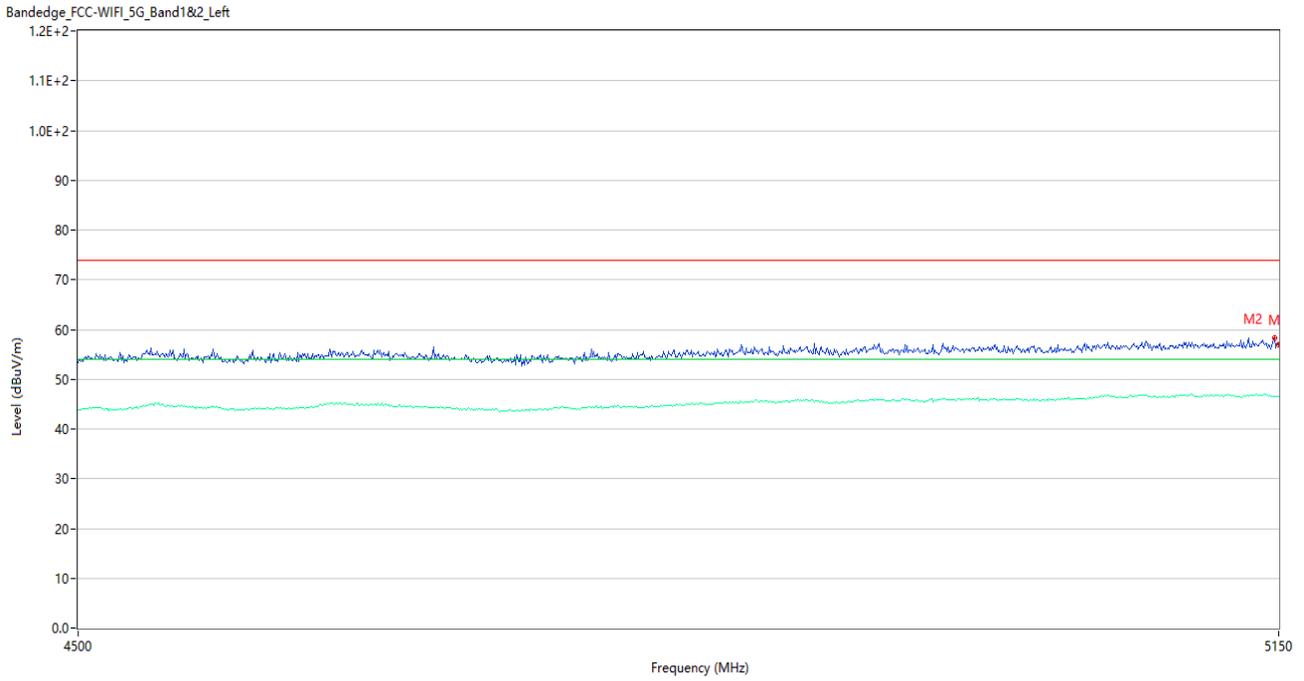
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	63.73	5.40	74.0	10.27	Peak	256.00	150	Horizontal	Pass
1**	5350.000	49.45	5.40	54.0	4.55	AV	256.00	150	Horizontal	Pass
2	5351.540	65.10	5.44	74.0	8.90	Peak	232.00	150	Horizontal	Pass
2**	5351.540	49.30	5.44	54.0	4.70	AV	232.00	150	Horizontal	Pass

U-NII-2A 11ac20 Low Channel ANT V



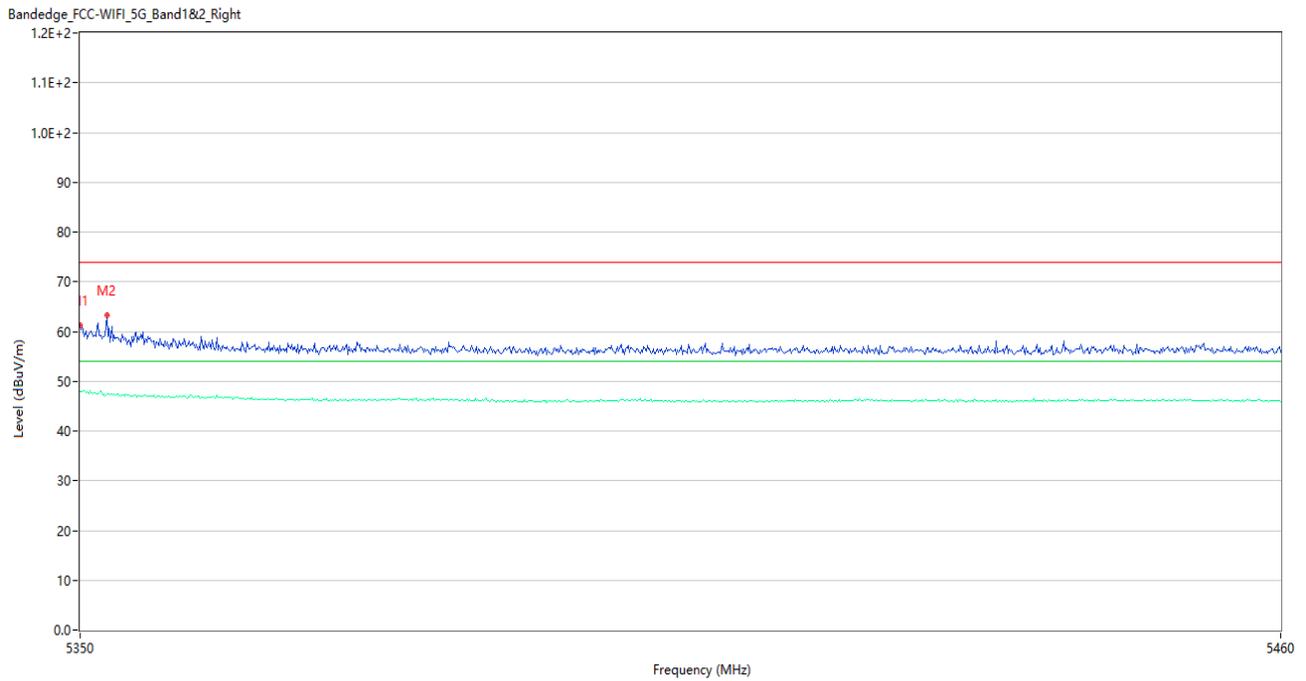
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.63	5.21	74.0	17.37	Peak	144.01	150	Vertical	Pass
1**	5150.000	46.38	5.21	54.0	7.62	AV	144.01	150	Vertical	Pass
2	5042.750	58.51	5.03	74.0	15.49	Peak	360.00	150	Vertical	Pass
2**	5042.750	46.21	5.03	54.0	7.79	AV	360.00	150	Vertical	Pass

U-NII-2A 11ac20 Low Channel ANT H



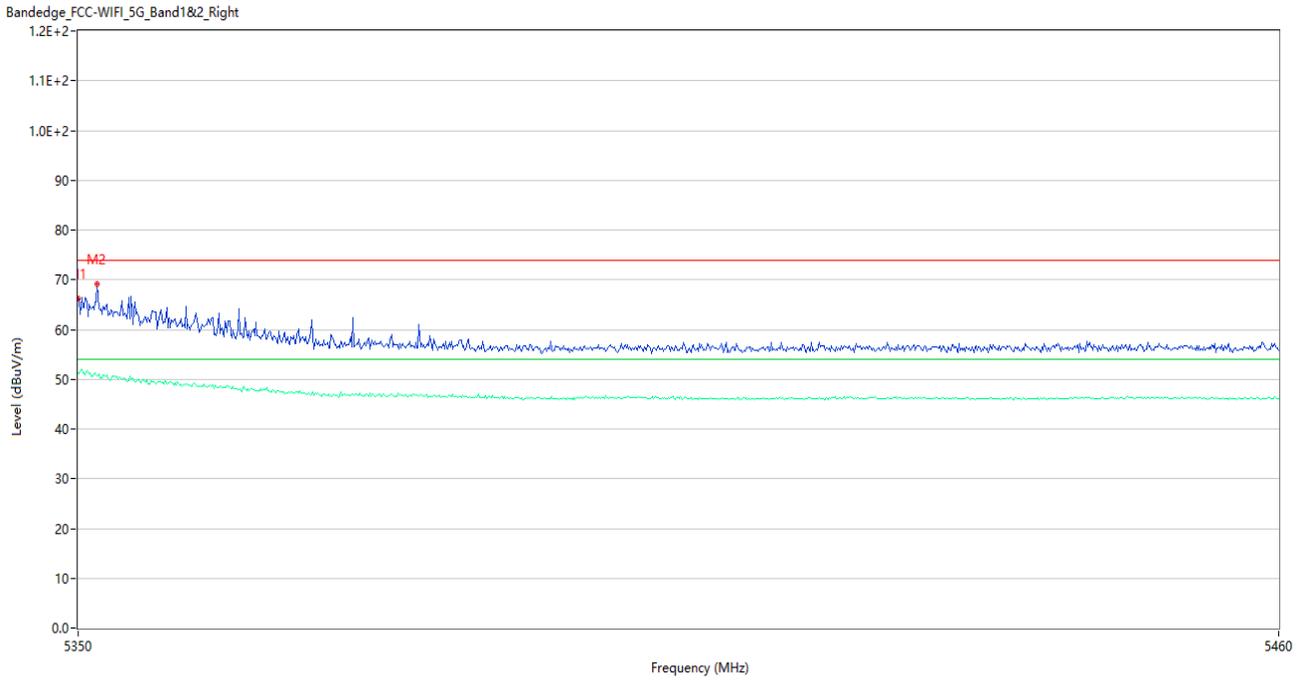
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.95	5.21	74.0	17.05	Peak	62.00	150	Horizontal	Pass
1**	5150.000	46.47	5.21	54.0	7.53	AV	62.00	150	Horizontal	Pass
2	5147.400	58.33	5.29	74.0	15.67	Peak	93.00	150	Horizontal	Pass
2**	5147.400	46.59	5.29	54.0	7.41	AV	93.00	150	Horizontal	Pass

U-NII-2A 11ac20 High Channel ANT V



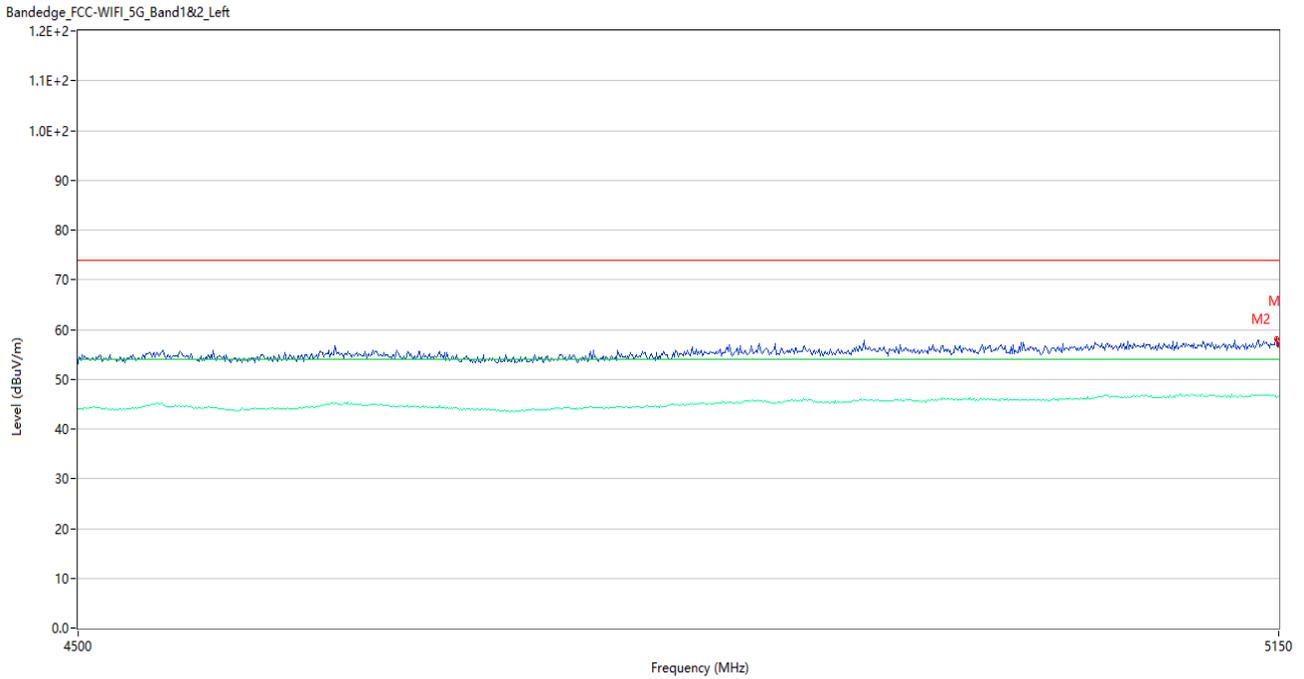
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.16	5.40	74.0	12.84	Peak	360.00	150	Vertical	Pass
1**	5350.000	47.88	5.40	54.0	6.12	AV	360.00	150	Vertical	Pass
2	5352.420	63.19	5.46	74.0	10.81	Peak	4.00	150	Vertical	Pass
2**	5352.420	47.39	5.46	54.0	6.61	AV	4.00	150	Vertical	Pass

U-NII-2A 11ac20 High Channel ANT H



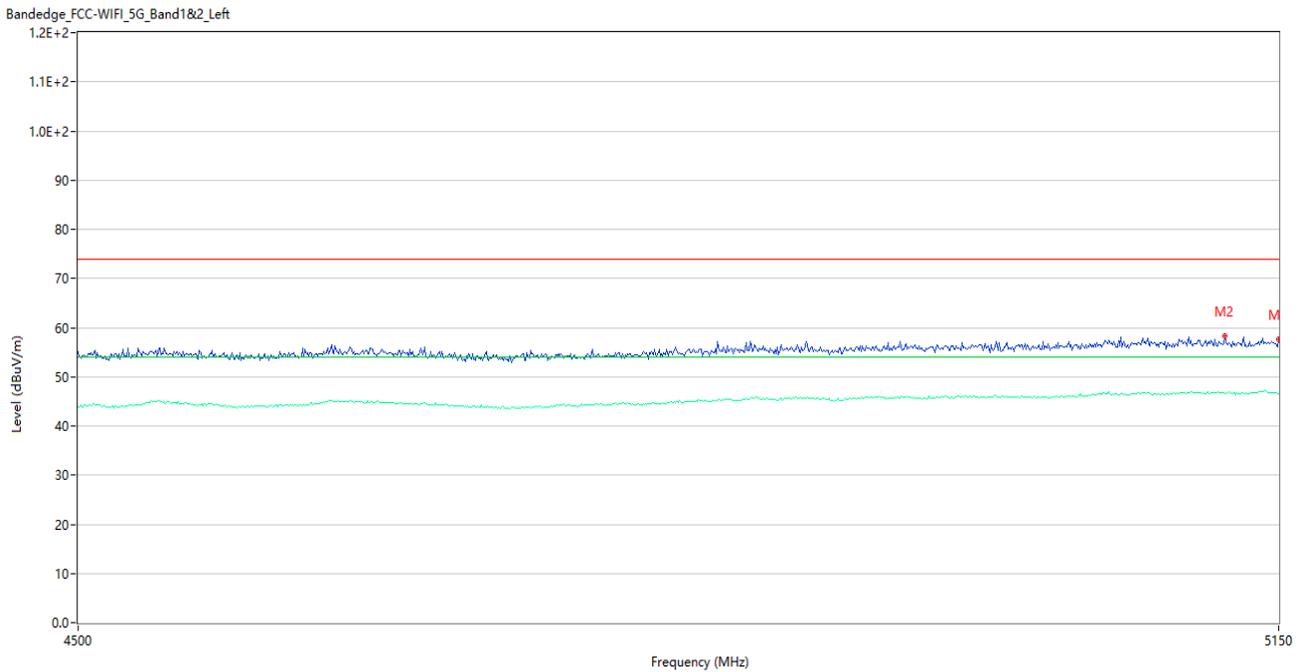
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	66.21	5.40	74.0	7.79	Peak	264.00	150	Horizontal	Pass
1**	5350.000	51.27	5.40	54.0	2.73	AV	264.00	150	Horizontal	Pass
2	5351.760	69.18	5.45	74.0	4.82	Peak	261.00	150	Horizontal	Pass
2**	5351.760	50.71	5.45	54.0	3.29	AV	261.00	150	Horizontal	Pass

U-NII-2A 11ac40 Low Channel ANT V



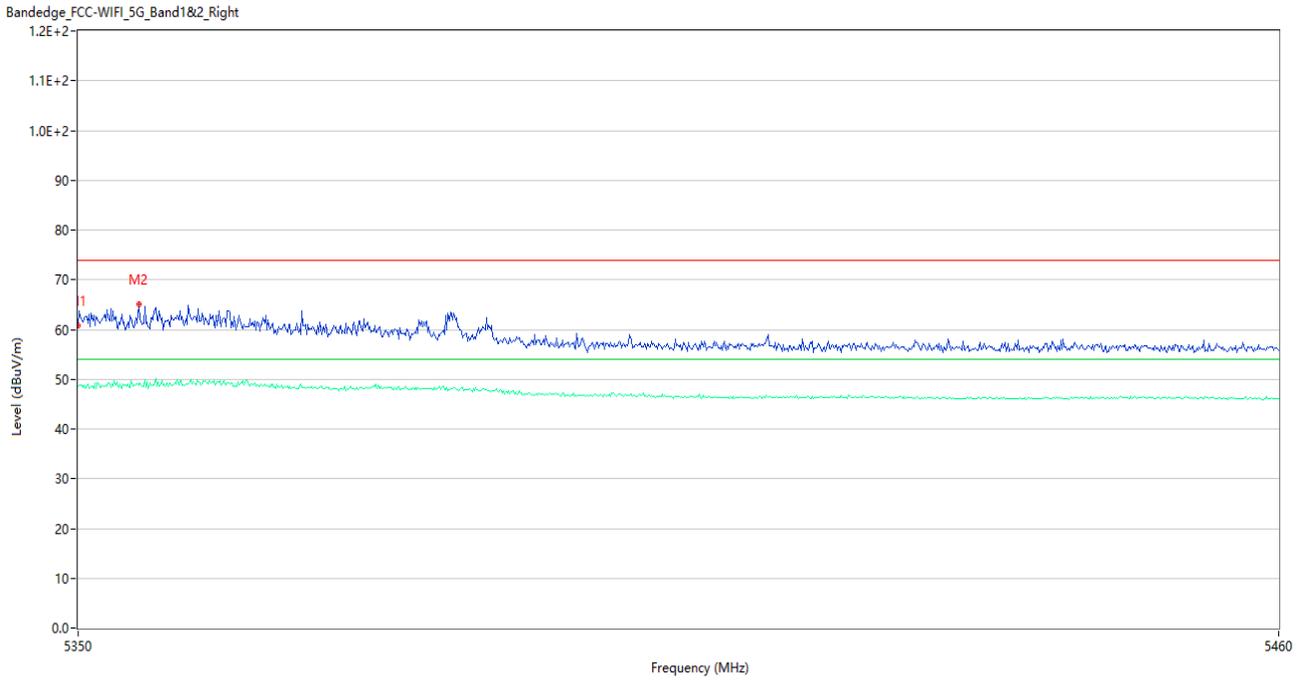
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.92	5.21	74.0	17.08	Peak	188.96	150	Vertical	Pass
1**	5150.000	46.50	5.21	54.0	7.50	AV	188.96	150	Vertical	Pass
2	5148.700	58.16	5.23	74.0	15.84	Peak	260.00	150	Vertical	Pass
2**	5148.700	46.43	5.23	54.0	7.57	AV	260.00	150	Vertical	Pass

U-NII-2A 11ac40 Low Channel ANT H



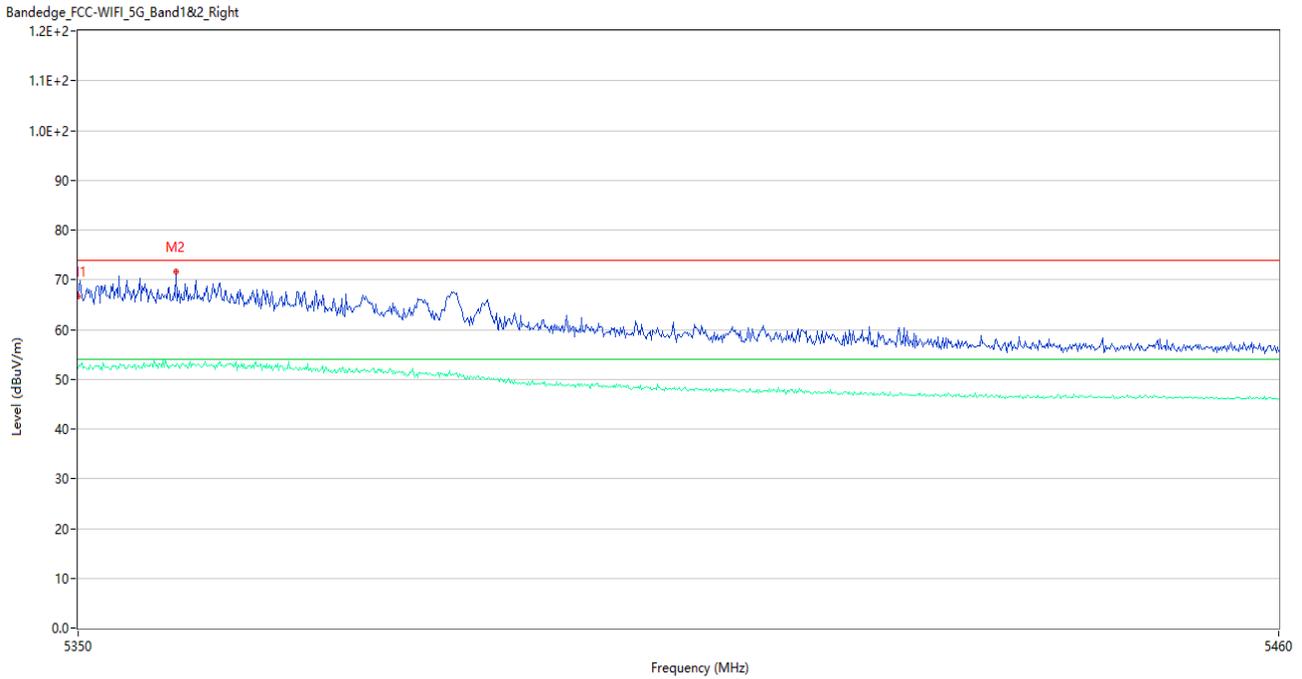
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.59	5.21	74.0	16.41	Peak	253.00	150	Horizontal	Pass
1**	5150.000	46.56	5.21	54.0	7.44	AV	253.00	150	Horizontal	Pass
2	5118.800	58.23	5.15	74.0	15.77	Peak	139.00	150	Horizontal	Pass
2**	5118.800	46.58	5.15	54.0	7.42	AV	139.00	150	Horizontal	Pass

U-NII-2A 11ac40 High Channel ANT V



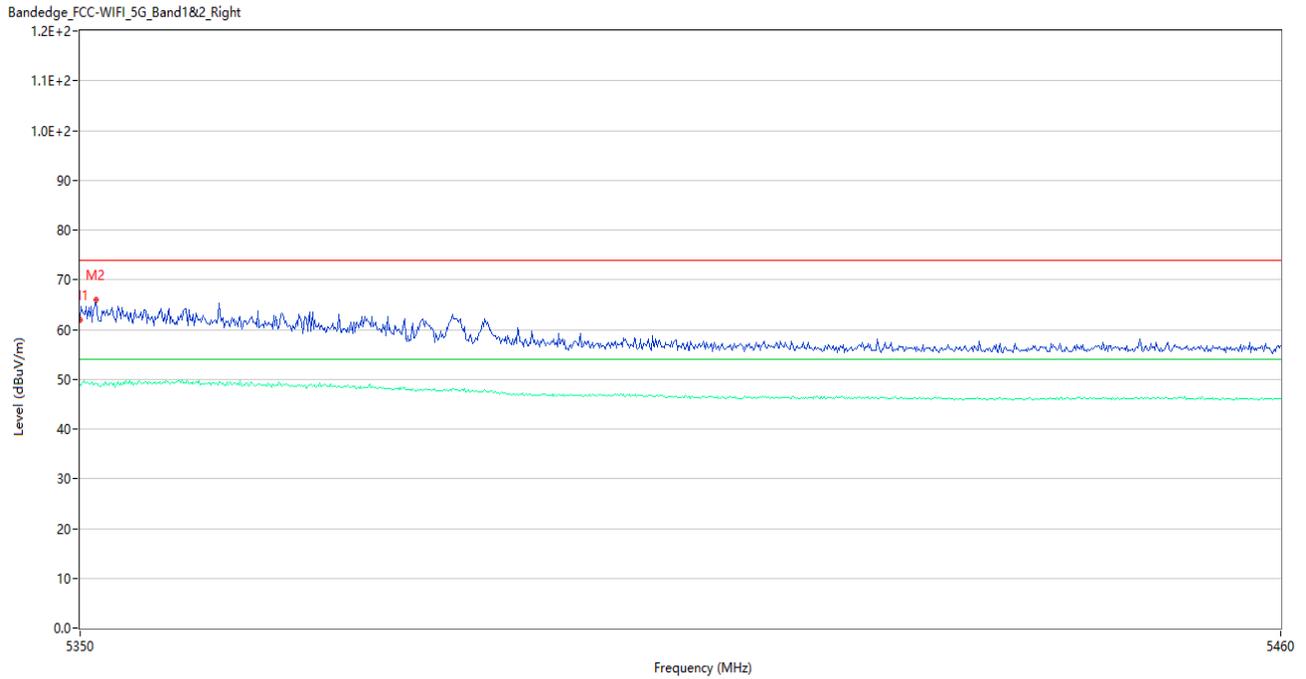
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.76	5.40	74.0	13.24	Peak	68.00	150	Vertical	Pass
1**	5350.000	48.64	5.40	54.0	5.36	AV	68.00	150	Vertical	Pass
2	5355.500	65.11	5.56	74.0	8.89	Peak	68.00	150	Vertical	Pass
2**	5355.500	48.89	5.56	54.0	5.11	AV	68.00	150	Vertical	Pass

U-NII-2A 11ac40 High Channel ANT H



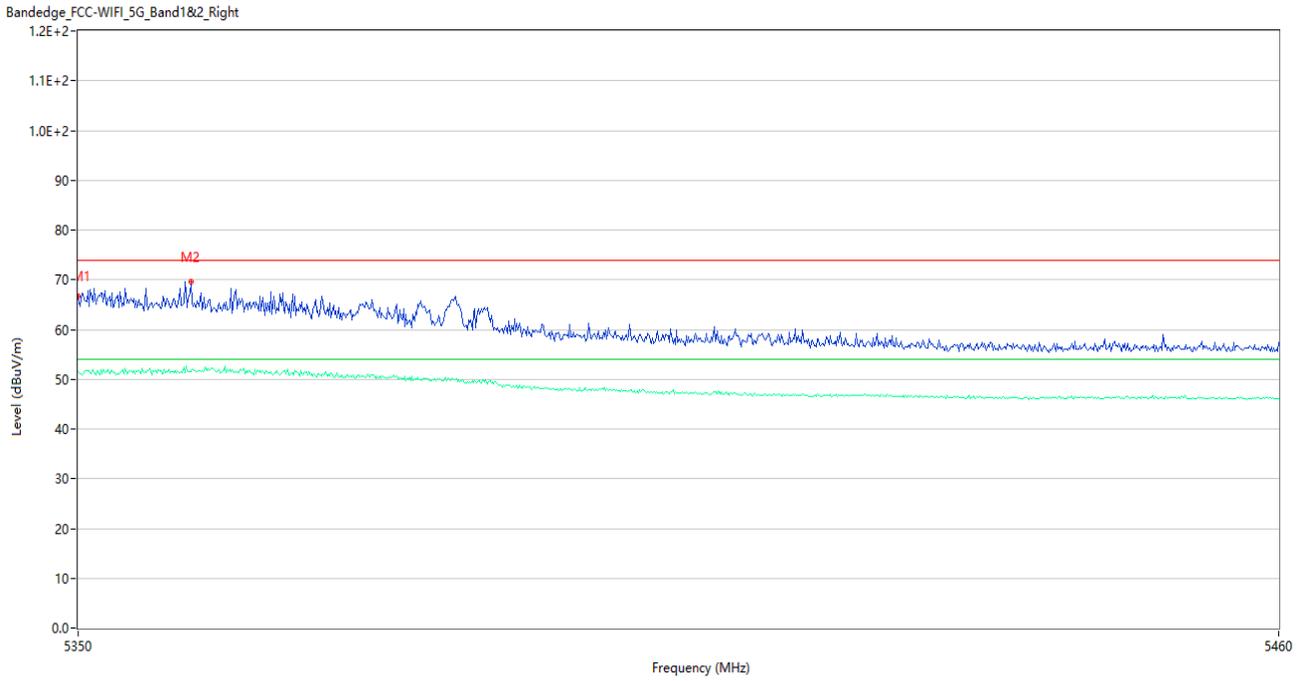
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	66.66	5.40	74.0	7.34	Peak	224.00	150	Horizontal	Pass
1**	5350.000	52.12	5.40	54.0	1.88	AV	224.00	150	Horizontal	Pass
2	5358.910	71.53	5.67	74.0	2.47	Peak	268.00	150	Horizontal	Pass
2**	5358.910	52.69	5.67	54.0	1.31	AV	268.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel ANT V



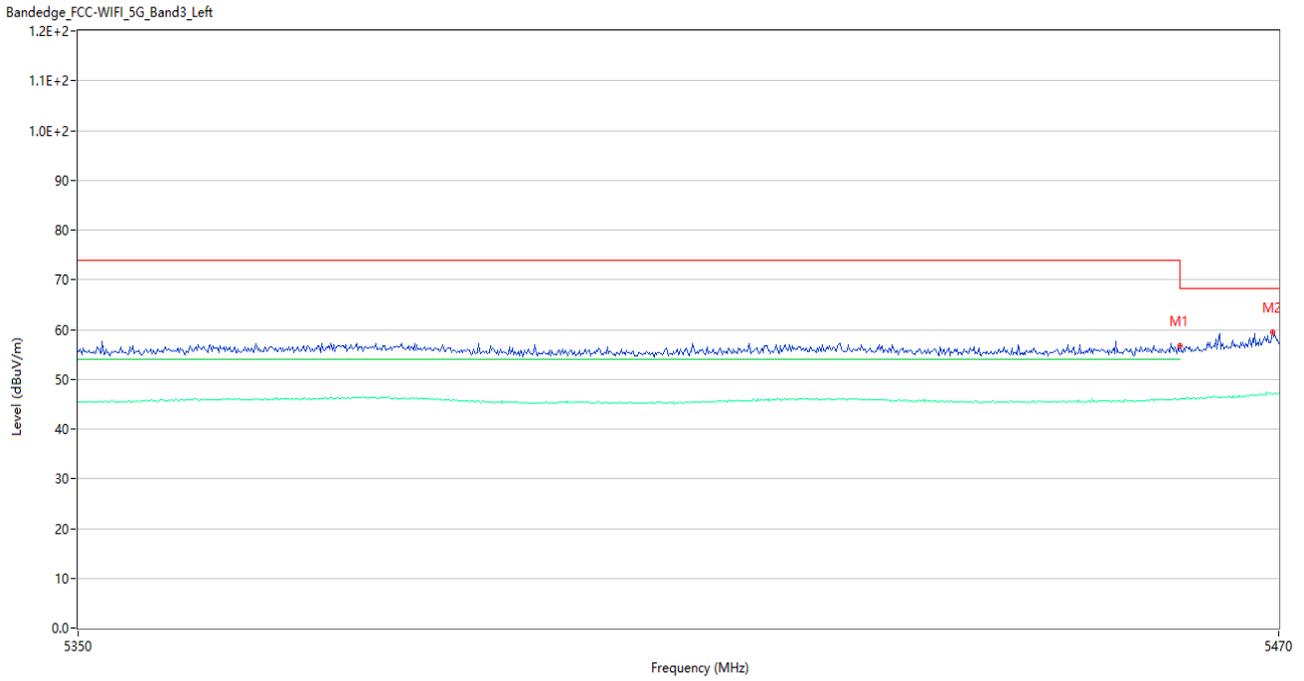
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.85	5.40	74.0	12.15	Peak	360.00	150	Vertical	Pass
1**	5350.000	48.89	5.40	54.0	5.11	AV	360.00	150	Vertical	Pass
2	5351.430	66.00	5.44	74.0	8.00	Peak	360.00	150	Vertical	Pass
2**	5351.430	49.27	5.44	54.0	4.73	AV	360.00	150	Vertical	Pass

U-NII-2A 11ac80 Middle Channel ANT H



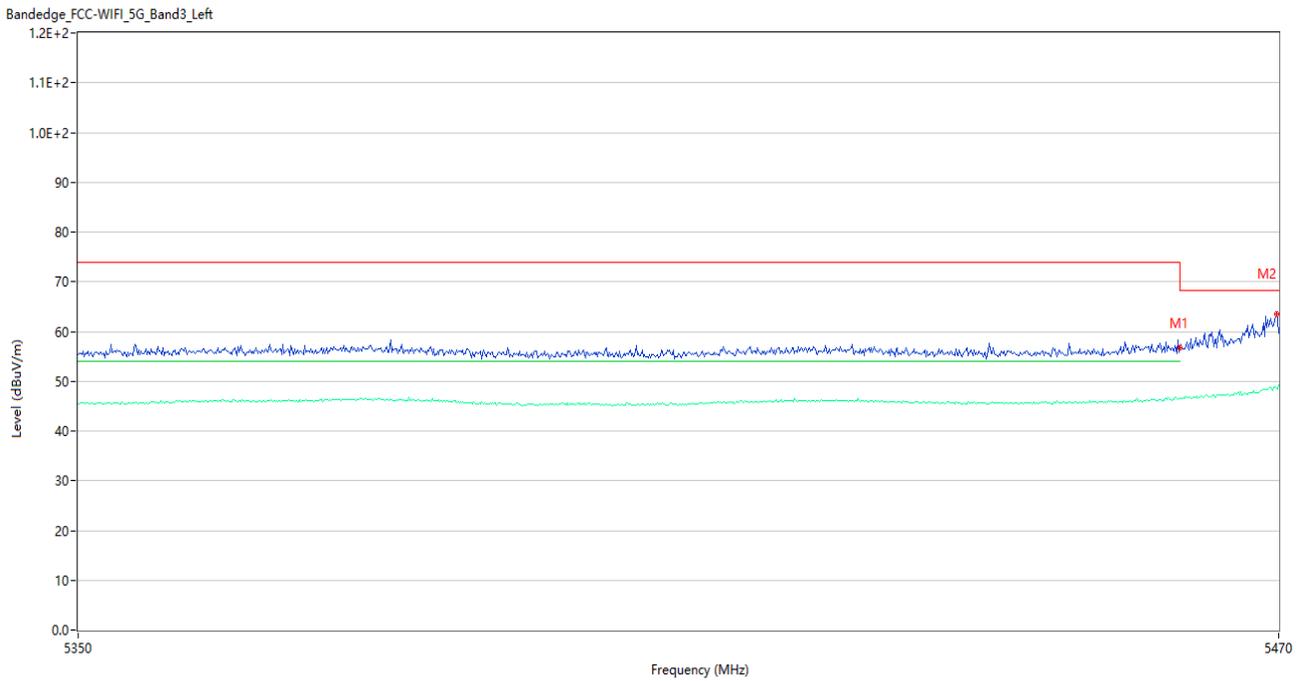
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	66.62	5.40	74.0	7.38	Peak	224.00	150	Horizontal	Pass
1**	5350.000	51.56	5.40	54.0	2.44	AV	224.00	150	Horizontal	Pass
2	5360.230	69.65	5.70	74.0	4.35	Peak	231.00	150	Horizontal	Pass
2**	5360.230	51.51	5.70	54.0	2.49	AV	231.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel ANT V



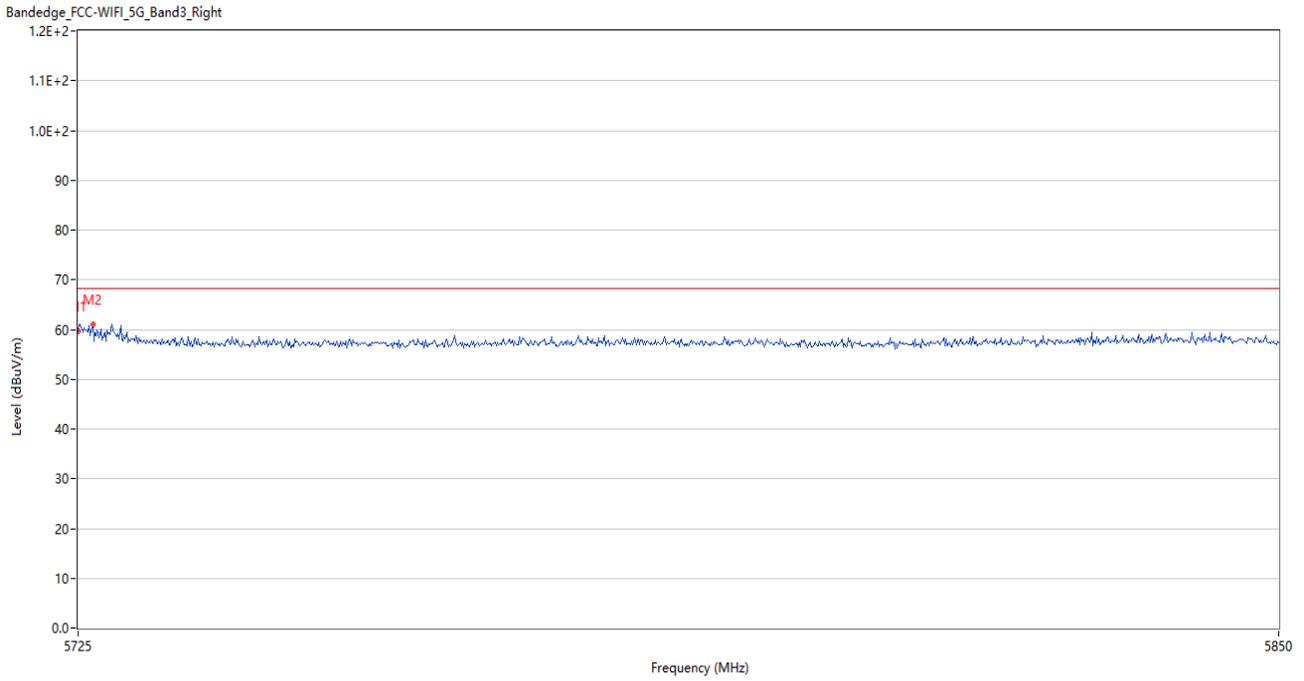
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.39	5.38	68.2	11.81	Peak	294.07	150	Vertical	Pass
1**	5460.000	46.02	5.38	54.0	7.98	AV	294.07	150	Vertical	Pass
2	5469.400	59.49	5.80	68.2	8.71	Peak	5.00	150	Vertical	Pass
2**	5469.400	46.98	5.80	--	-46.98	AV	5.00	150	Vertical	N/A

U-NII-2C 11a Low Channel ANT H



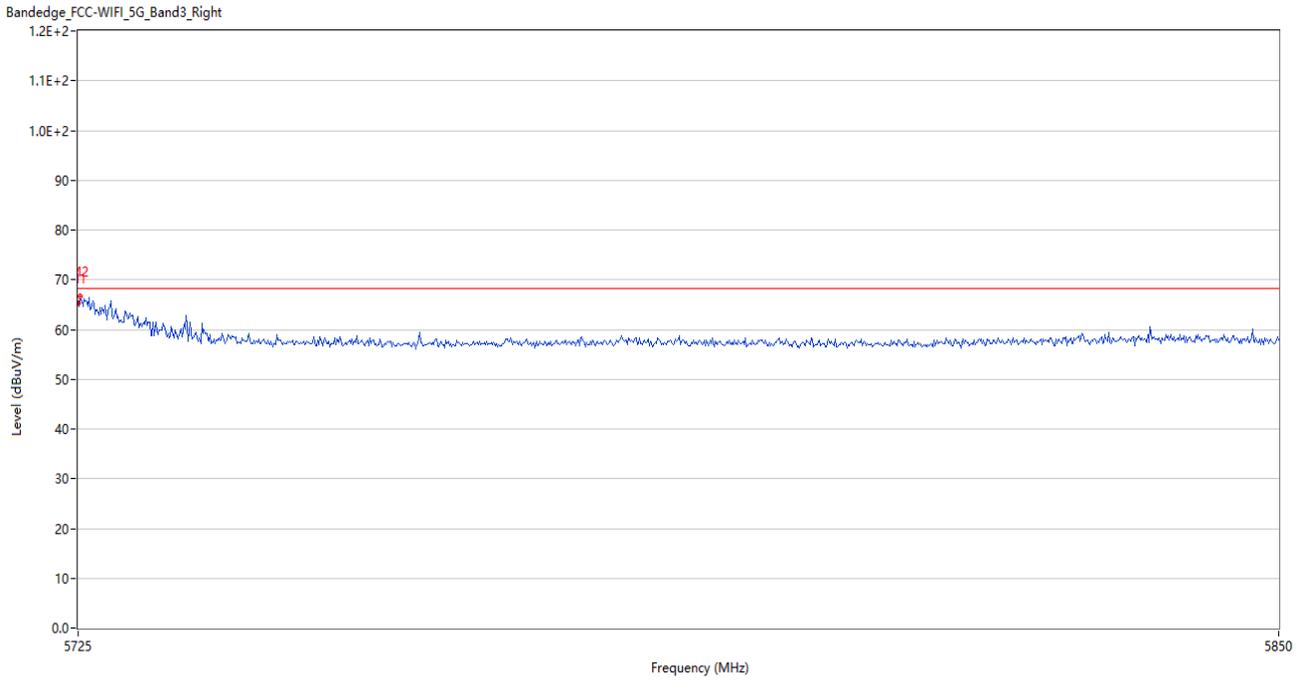
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.50	5.38	68.2	11.70	Peak	279.28	150	Horizontal	Pass
1**	5460.000	46.54	5.38	54.0	7.46	AV	279.28	150	Horizontal	Pass
2	5469.760	63.51	5.80	68.2	4.69	Peak	230.00	150	Horizontal	Pass
2**	5469.760	48.48	5.80	--	-48.48	AV	230.00	150	Horizontal	N/A

U-NII-2C 11a High Channel ANT V



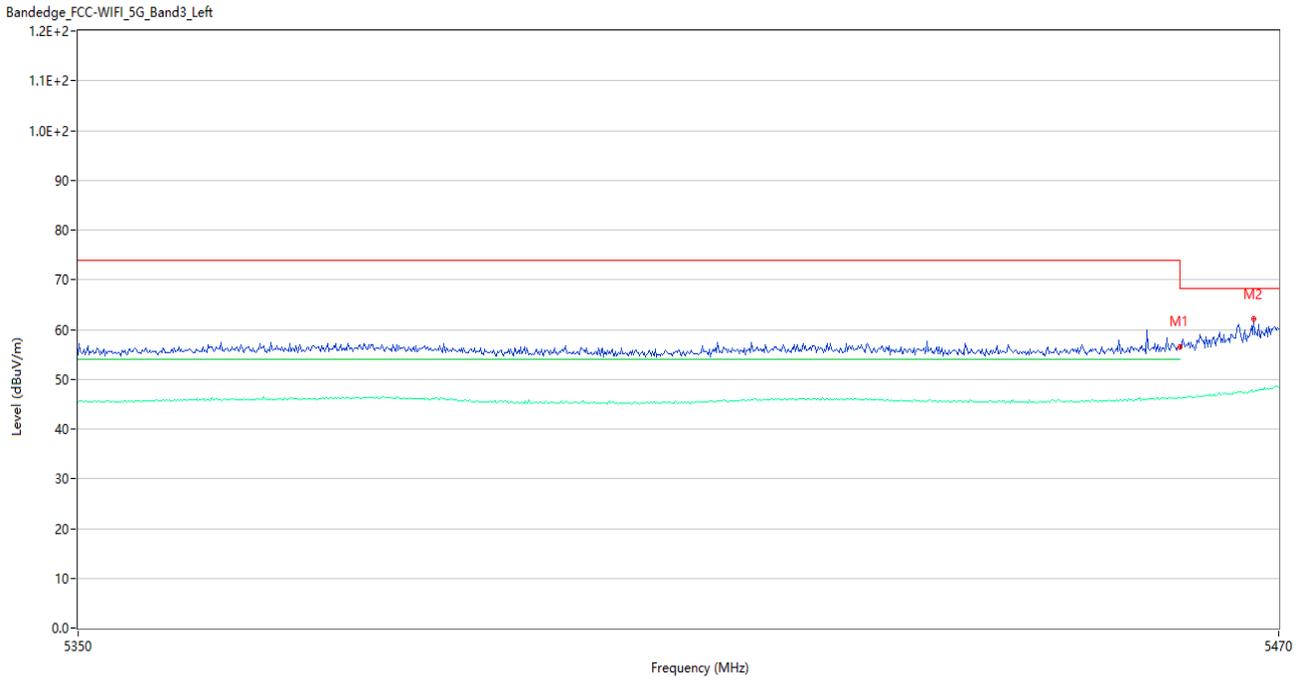
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.69	6.57	68.2	8.51	Peak	205.00	150	Vertical	Pass
2	5726.500	61.09	6.53	68.2	7.11	Peak	210.00	150	Vertical	Pass

U-NII-2C 11a High Channel ANT H



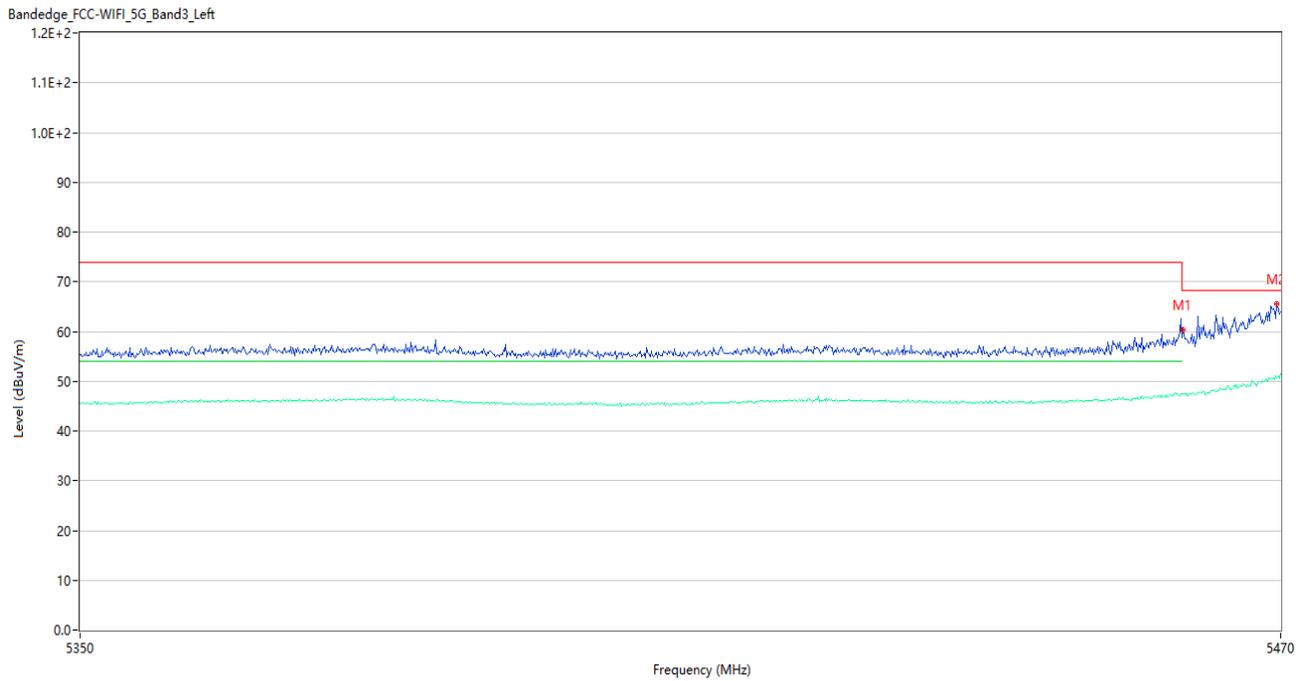
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	65.35	6.57	68.2	2.85	Peak	131.00	150	Horizontal	Pass
2	5725.250	66.74	6.56	68.2	1.46	Peak	28.00	150	Horizontal	Pass

U-NII-2C 11ac20 Low Channel ANT V



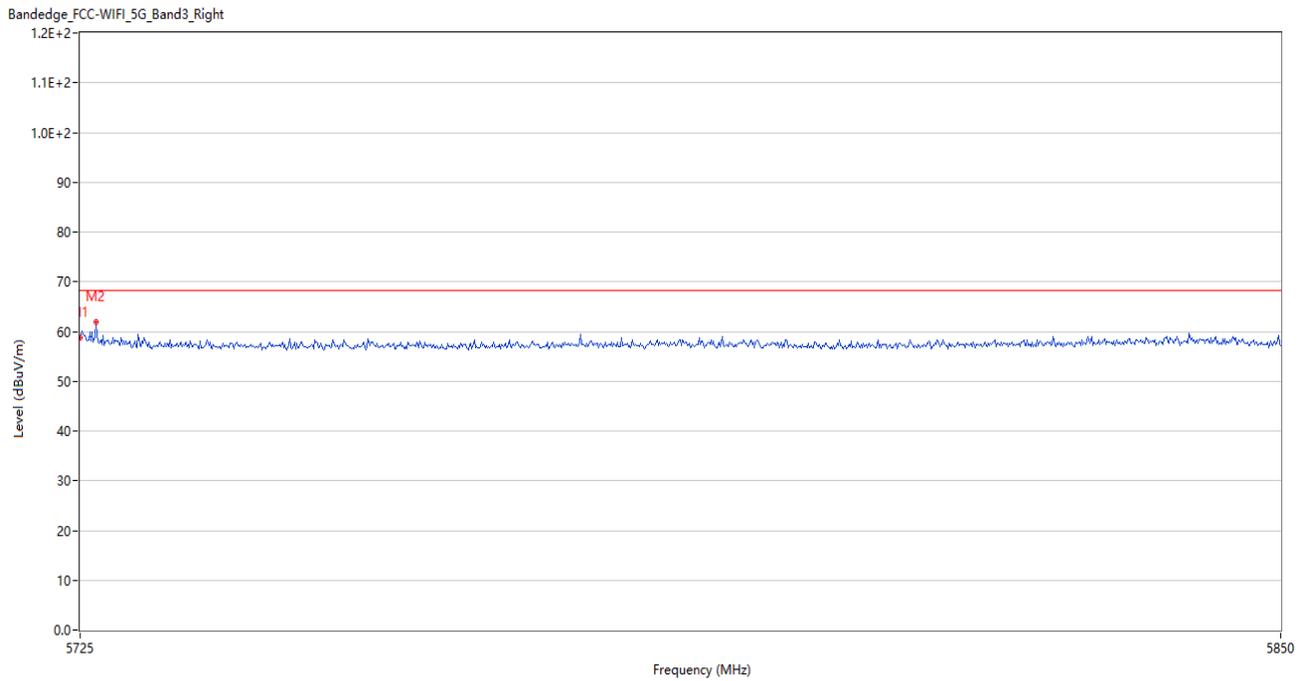
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.59	5.38	68.2	11.61	Peak	360.00	150	Vertical	Pass
1**	5460.000	46.29	5.38	54.0	7.71	AV	360.00	150	Vertical	Pass
2	5467.480	62.18	5.68	68.2	6.02	Peak	360.00	150	Vertical	Pass
2**	5467.480	47.54	5.68	--	-47.54	AV	360.00	150	Vertical	N/A

U-NII-2C 11ac20 Low Channel ANT H



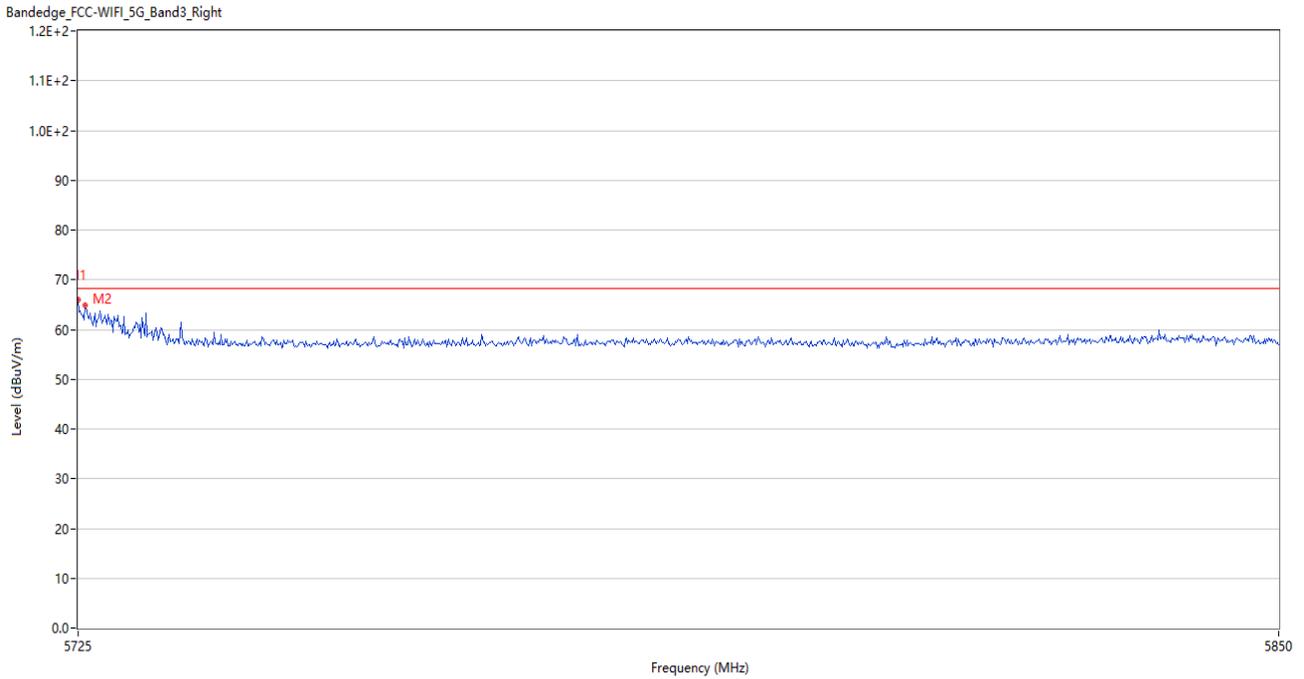
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	60.08	5.38	68.2	8.12	Peak	245.37	150	Horizontal	Pass
1**	5460.000	47.47	5.38	54.0	6.53	AV	245.37	150	Horizontal	Pass
2	5469.640	65.48	5.80	68.2	2.72	Peak	278.00	150	Horizontal	Pass
2**	5469.640	50.70	5.80	--	-50.70	AV	278.00	150	Horizontal	N/A

U-NII-2C 11ac20 High Channel ANT V



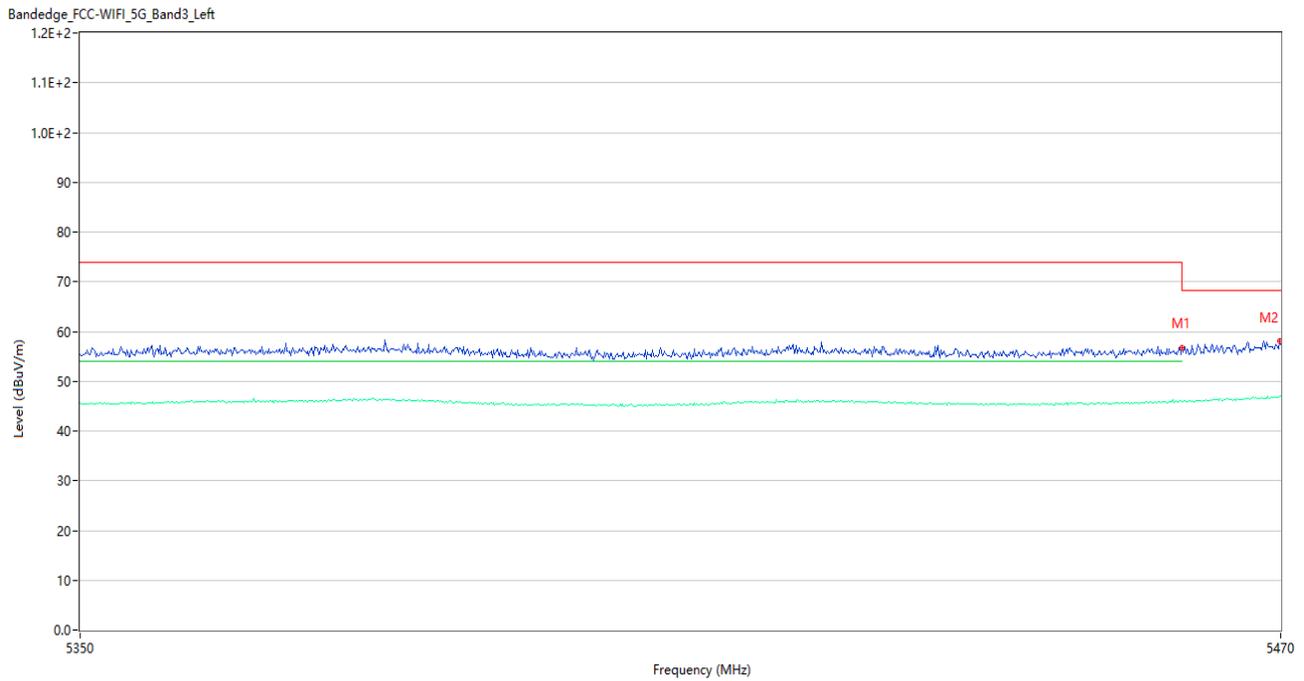
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.73	6.57	68.2	9.47	Peak	0.00	150	Vertical	Pass
2	5726.625	62.03	6.53	68.2	6.17	Peak	0.00	150	Vertical	Pass

U-NII-2C 11ac20 High Channel ANT H



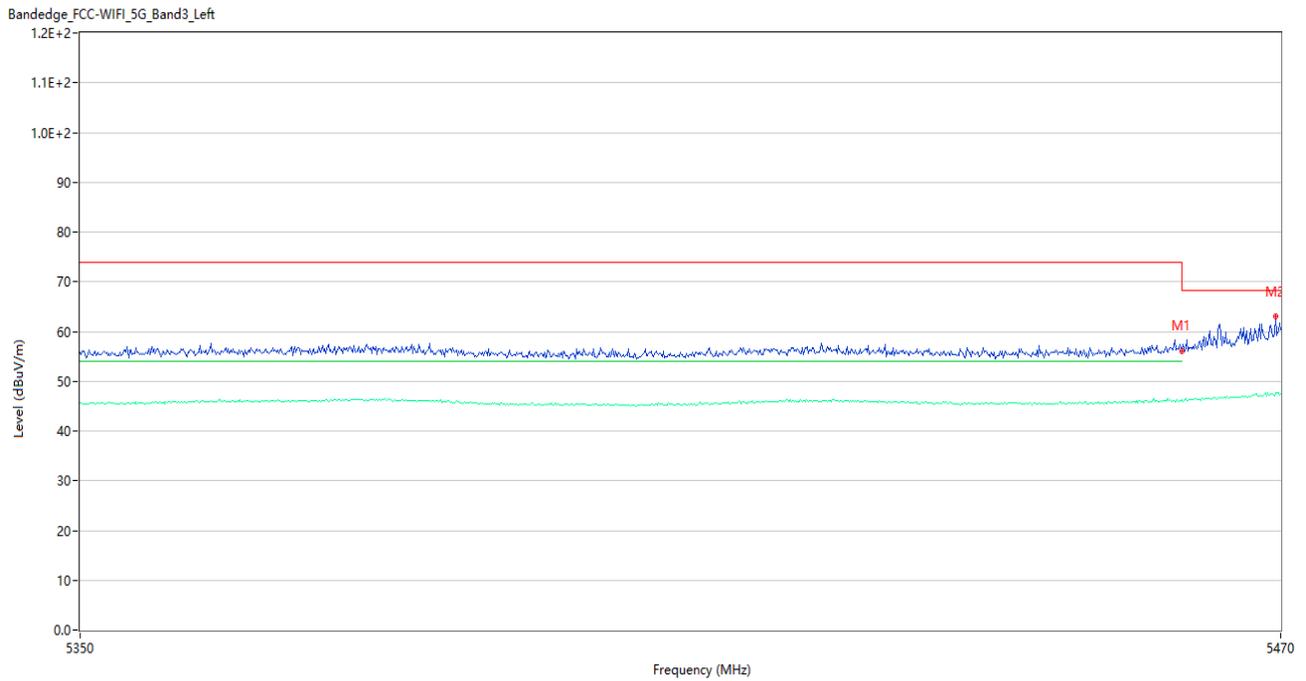
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	66.07	6.57	68.2	2.13	Peak	45.00	150	Horizontal	Pass
2	5725.750	64.87	6.55	68.2	3.33	Peak	124.00	150	Horizontal	Pass

U-NII-2C 11ac40 Low Channel ANT V



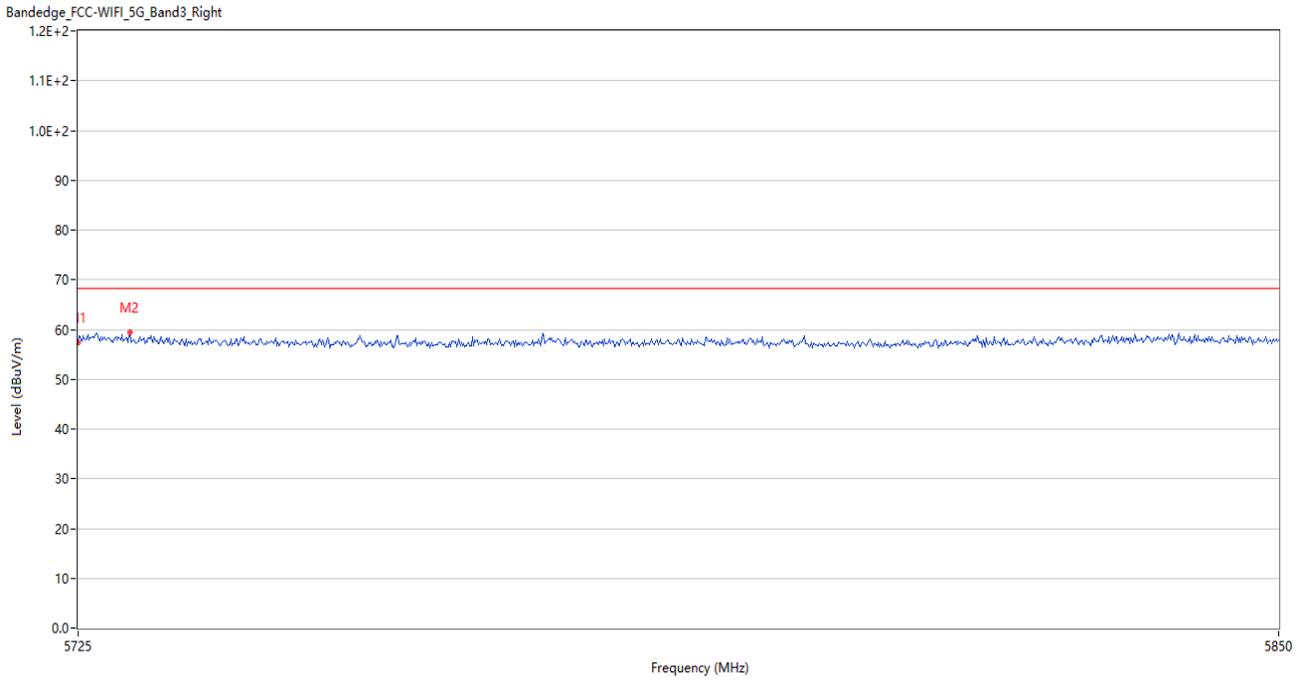
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.30	5.38	68.2	11.90	Peak	127.65	150	Vertical	Pass
1**	5460.000	45.87	5.38	54.0	8.13	AV	127.65	150	Vertical	Pass
2	5469.880	58.13	5.80	68.2	10.07	Peak	4.00	150	Vertical	Pass
2**	5469.880	46.91	5.80	--	-46.91	AV	4.00	150	Vertical	N/A

U-NII-2C 11ac40 Low Channel ANT H



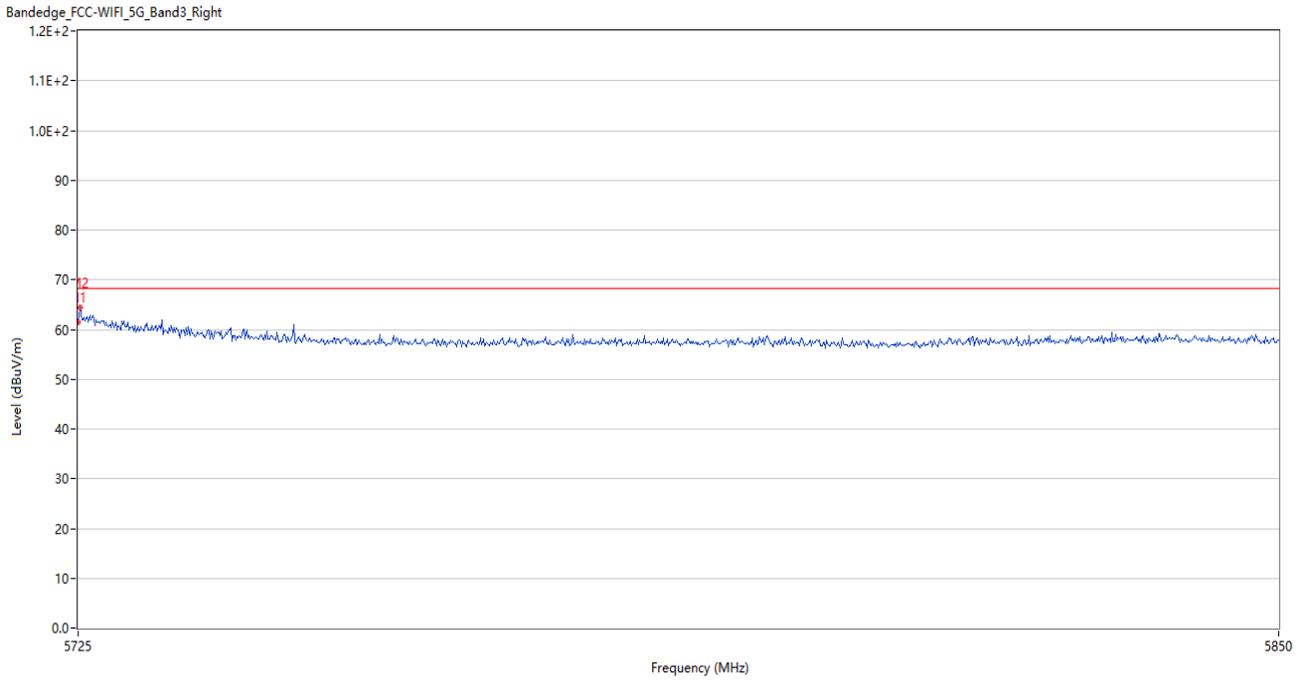
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.38	5.38	68.2	11.82	Peak	264.34	150	Horizontal	Pass
1**	5460.000	46.32	5.38	54.0	7.68	AV	264.34	150	Horizontal	Pass
2	5469.520	63.12	5.80	68.2	5.08	Peak	279.00	150	Horizontal	Pass
2**	5469.520	47.64	5.80	--	-47.64	AV	279.00	150	Horizontal	N/A

U-NII-2C 11ac40 High Channel ANT V



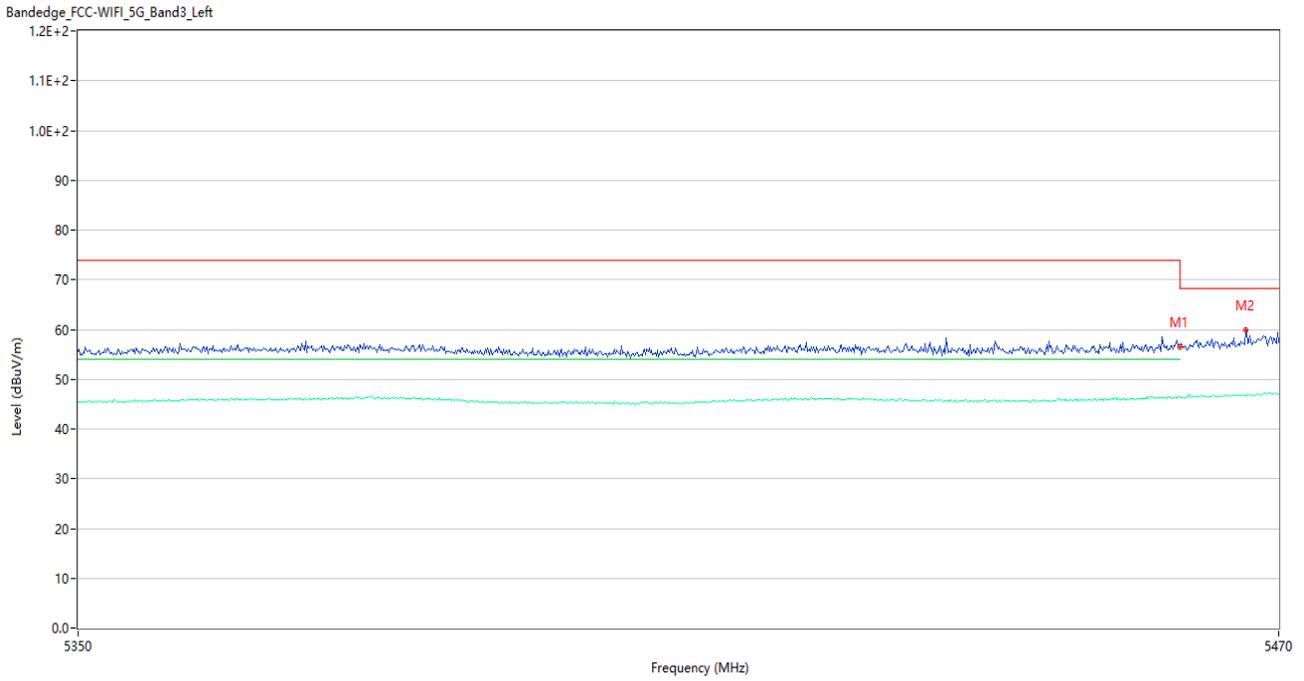
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.49	6.57	68.2	10.71	Peak	286.00	150	Vertical	Pass
2	5730.375	59.40	6.36	68.2	8.80	Peak	360.00	150	Vertical	Pass

U-NII-2C 11ac40 High Channel ANT H



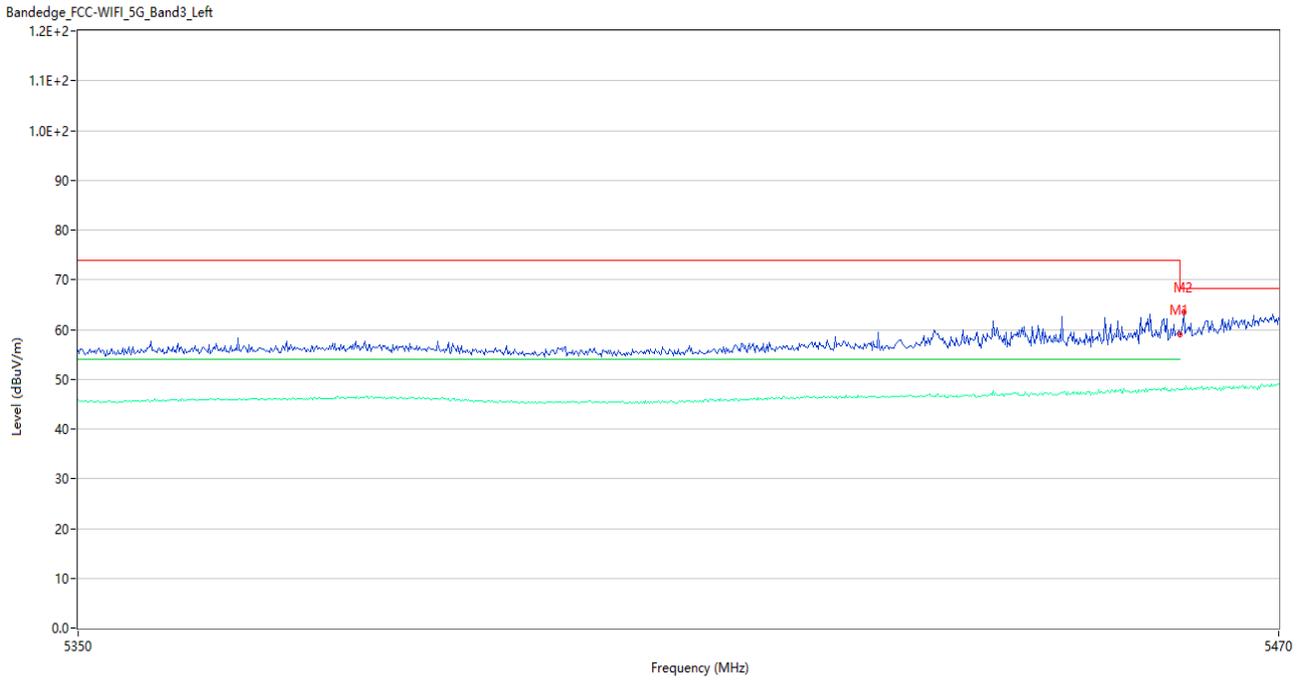
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.44	6.57	68.2	6.76	Peak	48.00	150	Horizontal	Pass
2	5725.250	64.31	6.56	68.2	3.89	Peak	282.00	150	Horizontal	Pass

U-NII-2C 11ac80 Low Channel ANT V



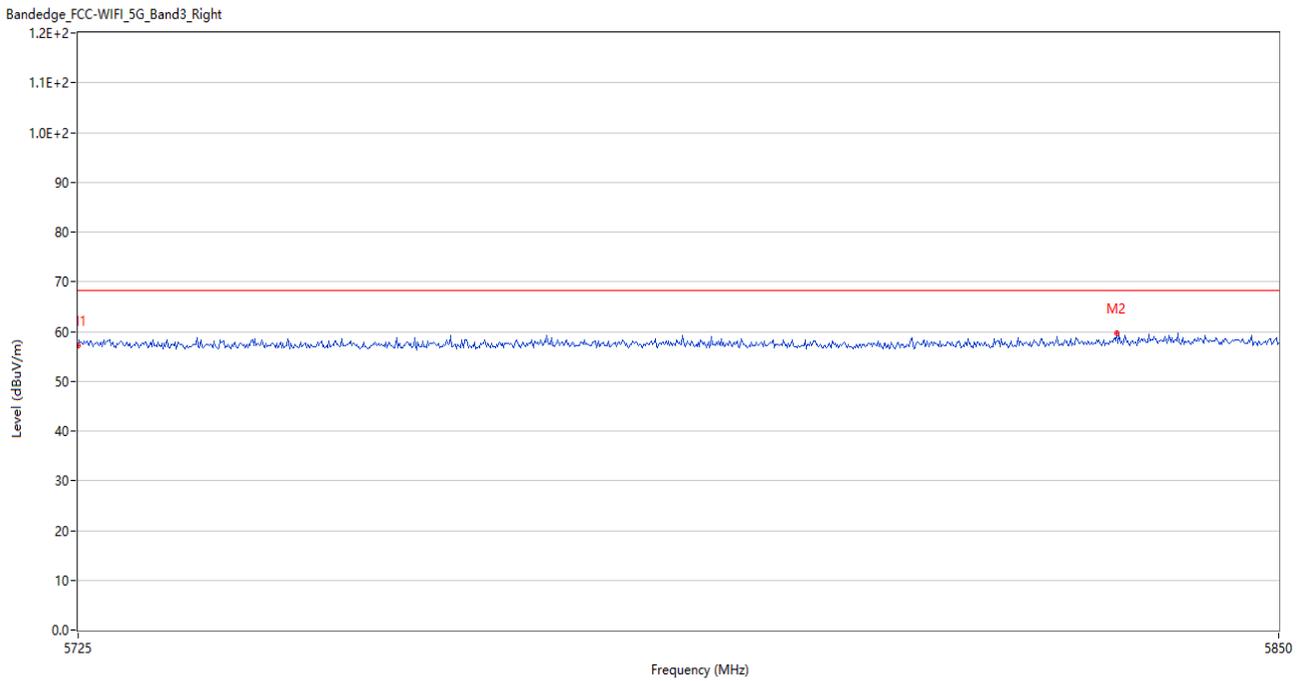
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.48	5.38	68.2	11.72	Peak	360.00	150	Vertical	Pass
1**	5460.000	46.42	5.38	54.0	7.58	AV	360.00	150	Vertical	Pass
2	5466.640	59.85	5.63	68.2	8.35	Peak	5.00	150	Vertical	Pass
2**	5466.640	46.73	5.63	--	-46.73	AV	5.00	150	Vertical	N/A

U-NII-2C 11ac80 Low Channel ANT H



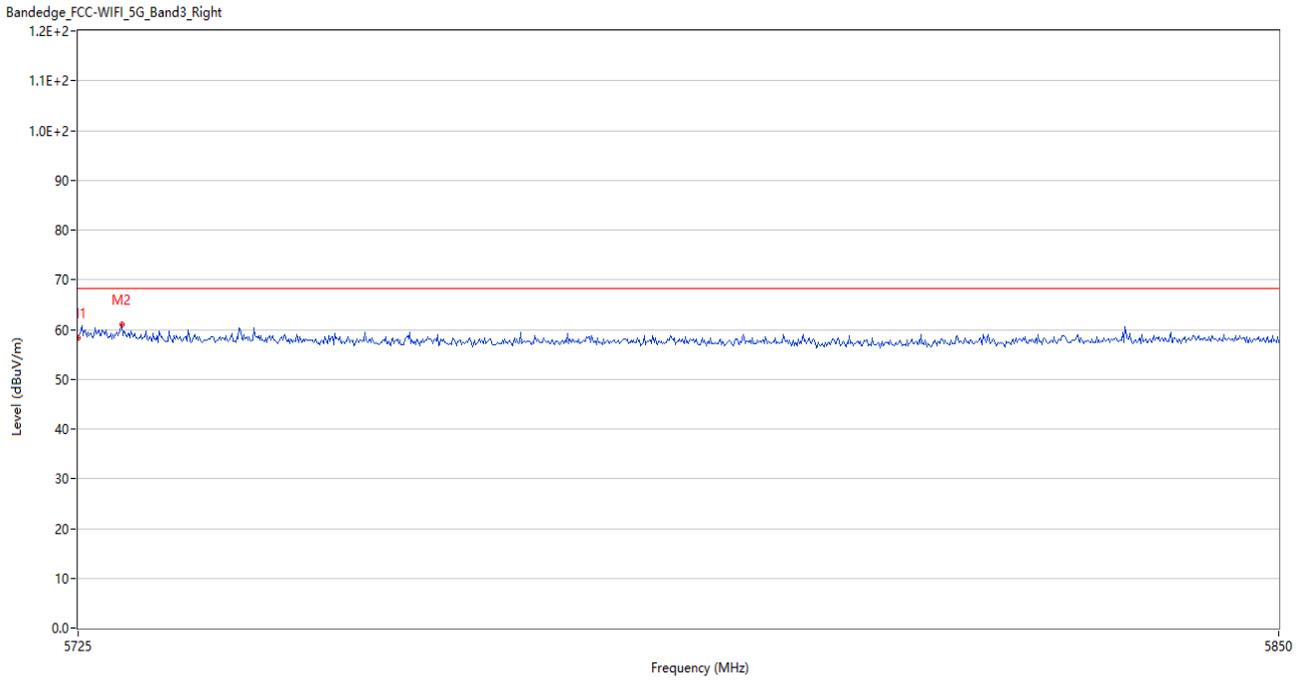
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	59.22	5.38	68.2	8.98	Peak	290.67	150	Horizontal	Pass
1**	5460.000	47.85	5.38	54.0	6.15	AV	290.67	150	Horizontal	Pass
2	5460.400	63.44	5.40	68.2	4.76	Peak	277.00	150	Horizontal	Pass
2**	5460.400	48.13	5.40	--	-48.13	AV	277.00	150	Horizontal	N/A

U-NII-2C 11ac80 High Channel ANT V



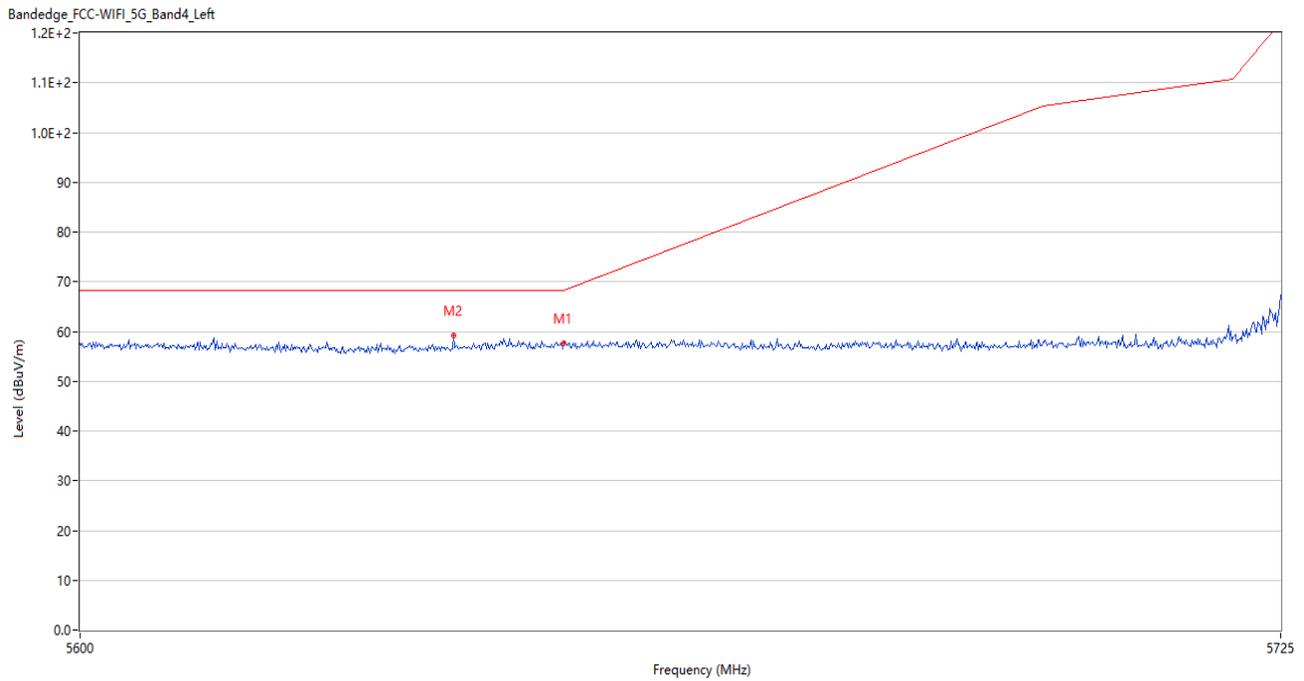
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.21	6.57	68.2	10.99	Peak	310.00	150	Vertical	Pass
2	5833.000	59.57	7.17	68.2	8.63	Peak	4.00	150	Vertical	Pass

U-NII-2C 11ac80 High Channel ANT H



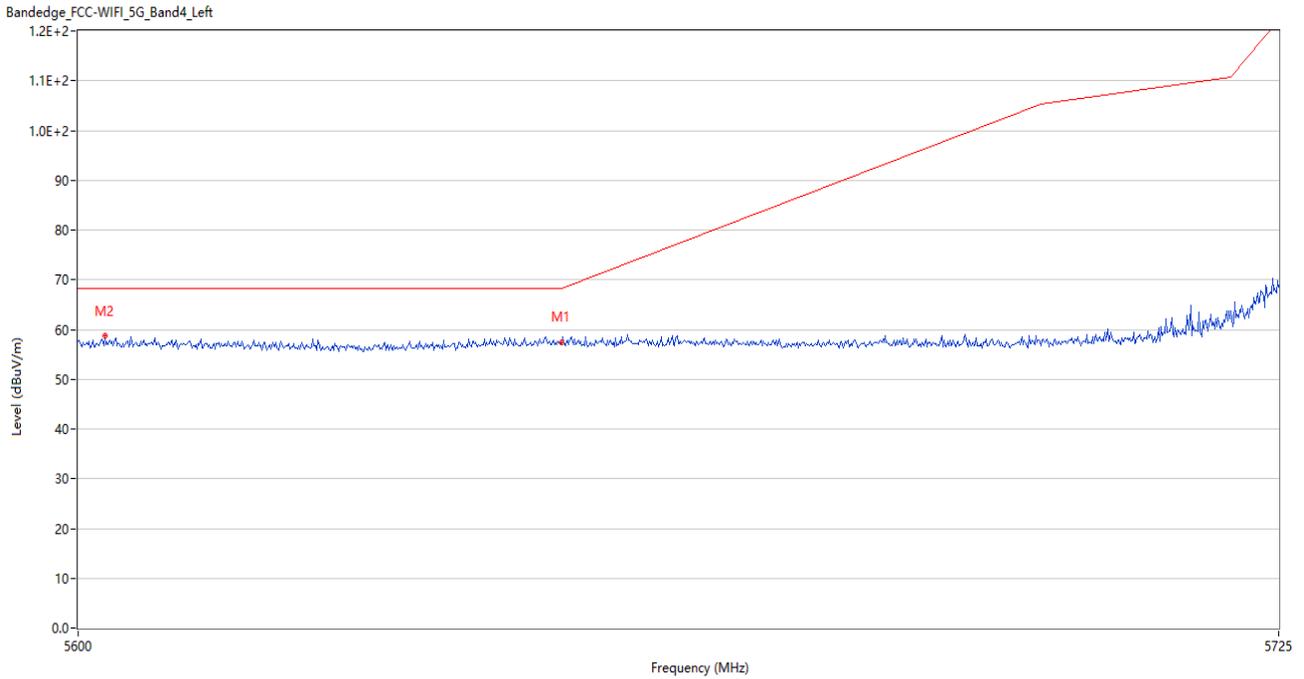
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.22	6.57	68.2	9.98	Peak	237.00	150	Horizontal	Pass
2	5729.500	60.96	6.40	68.2	7.24	Peak	280.00	150	Horizontal	Pass

U-NII-3 11a Low Channel ANT V



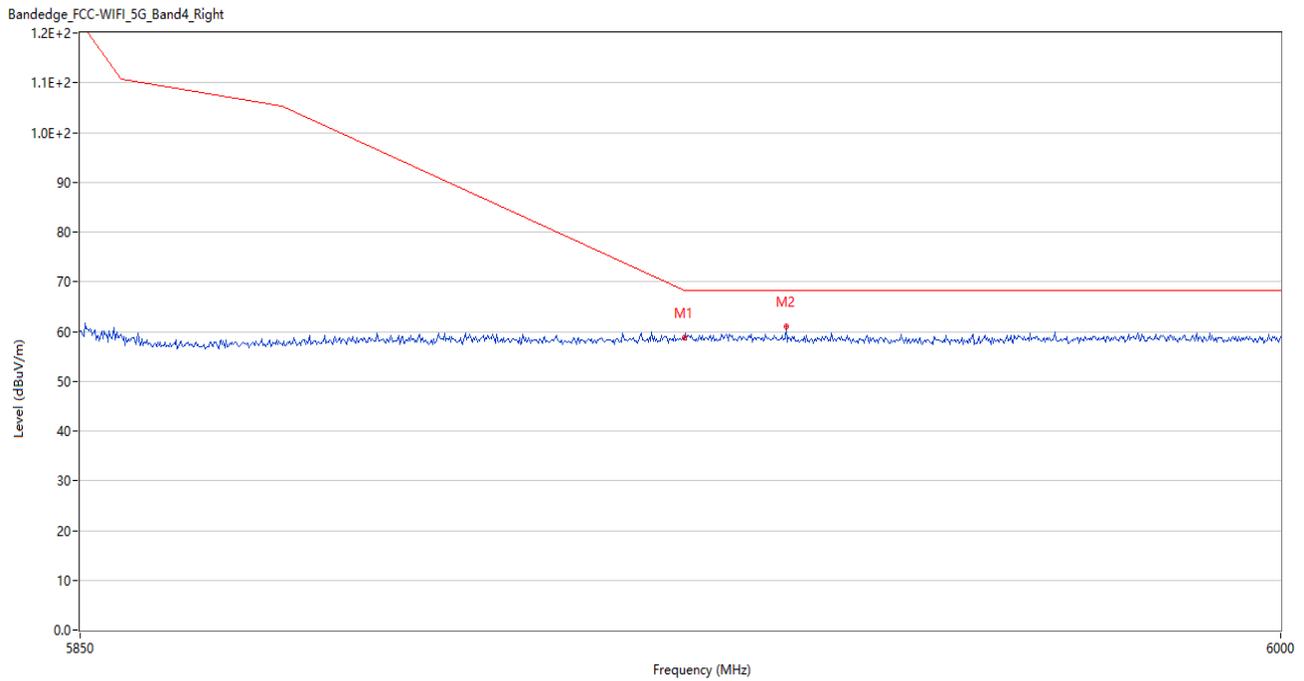
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.53	5.94	68.2	10.67	Peak	277.77	150	Vertical	Pass
2	5638.625	59.25	5.90	68.2	8.95	Peak	240.00	150	Vertical	Pass

U-NII-3 11a Low Channel ANT H



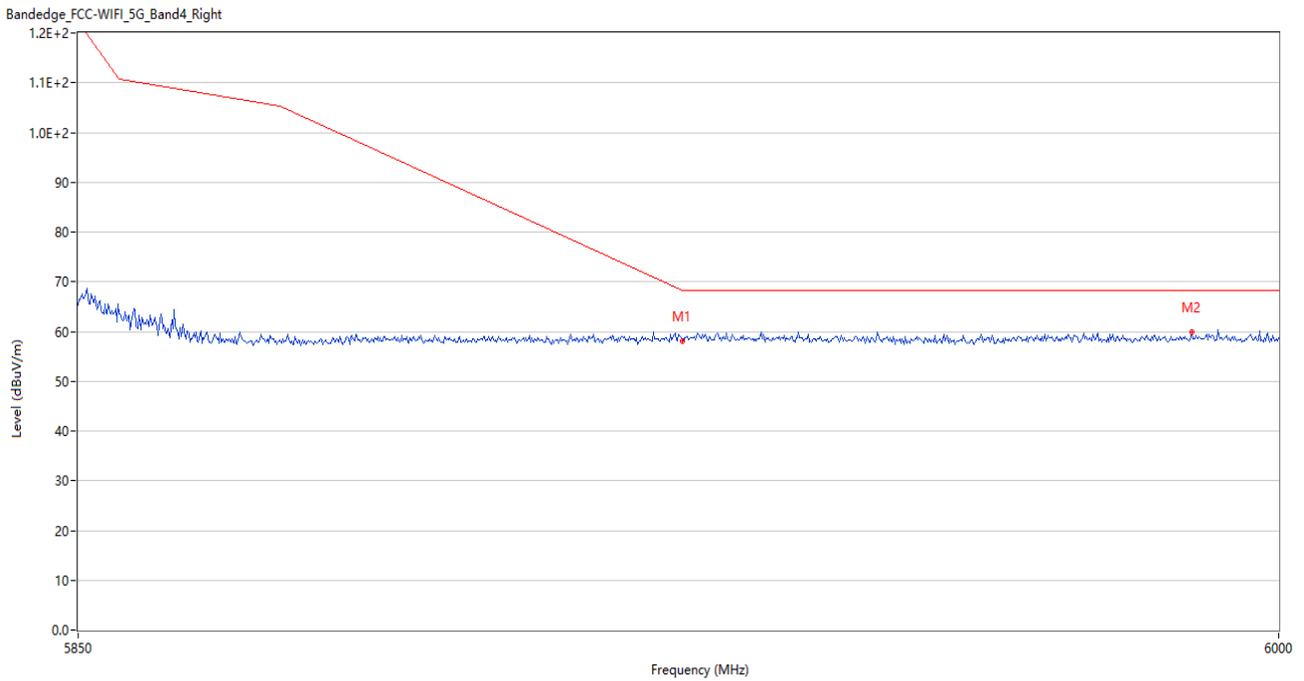
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.49	5.94	68.2	10.71	Peak	25.26	150	Horizontal	Pass
2	5602.750	58.73	5.98	68.2	9.47	Peak	320.00	150	Horizontal	Pass

U-NII-3 11a High Channel ANT V



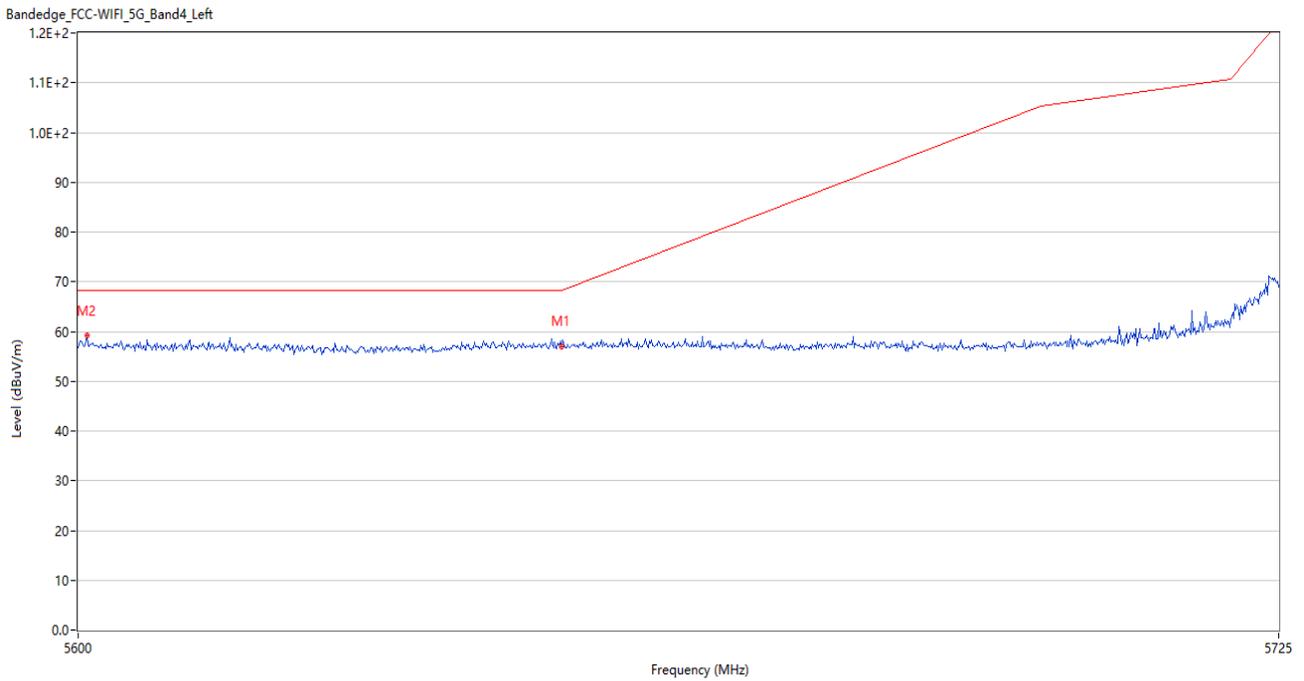
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.68	7.83	68.2	9.52	Peak	118.31	150	Vertical	Pass
2	5937.750	61.08	7.41	68.2	7.12	Peak	295.00	150	Vertical	Pass

U-NII-3 11a High Channel ANT H



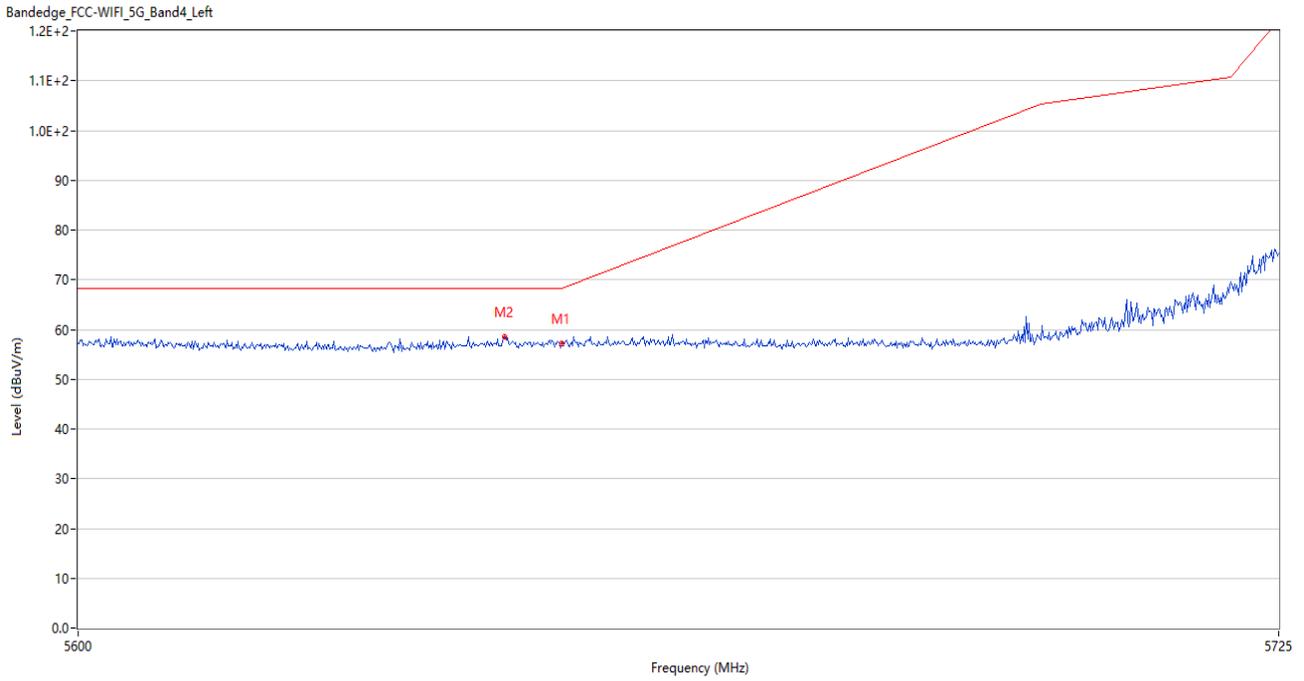
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.05	7.83	68.2	10.15	Peak	117.25	150	Horizontal	Pass
2	5989.050	59.88	7.89	68.2	8.32	Peak	0.00	150	Horizontal	Pass

U-NII-3 11ac20 Low Channel ANT V



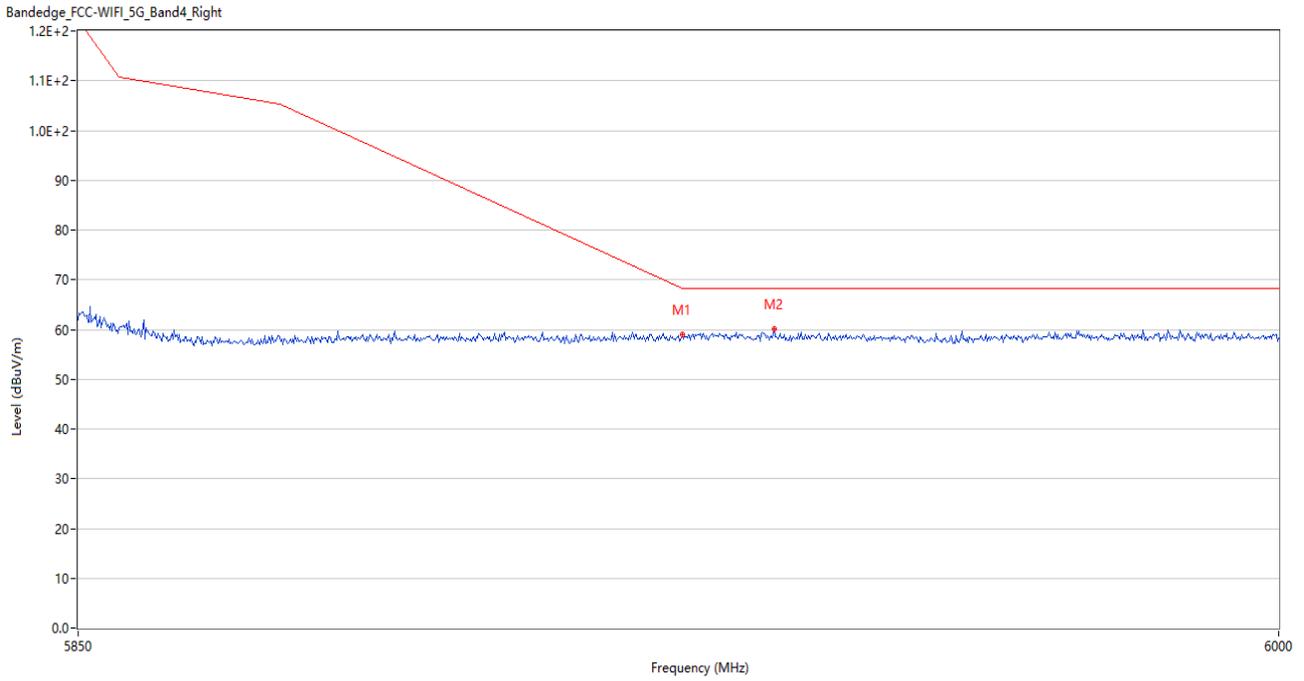
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.06	5.94	68.2	11.14	Peak	343.78	150	Vertical	Pass
2	5600.875	59.18	6.00	68.2	9.02	Peak	108.00	150	Vertical	Pass

U-NII-3 11ac20 Low Channel ANT H



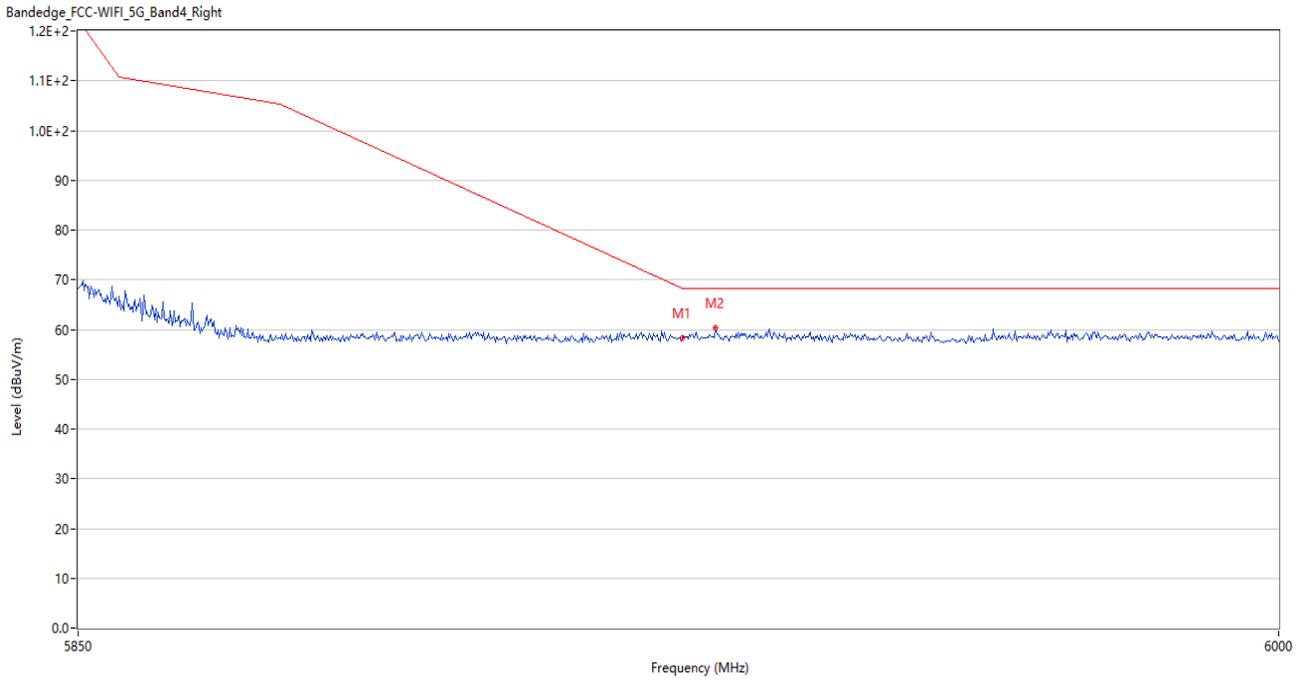
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.20	5.94	68.2	11.00	Peak	232.80	150	Horizontal	Pass
2	5644.125	58.46	6.02	68.2	9.74	Peak	268.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel ANT V



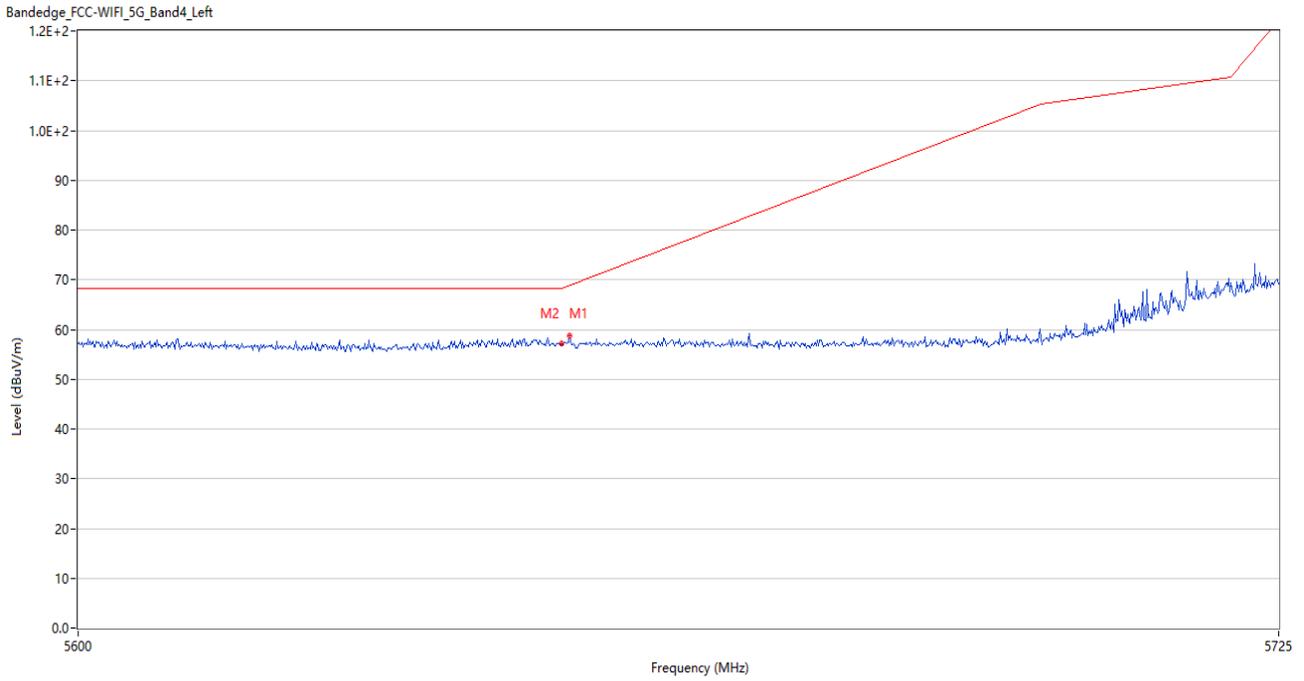
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.74	7.83	68.2	9.46	Peak	38.41	150	Vertical	Pass
2	5936.550	60.17	7.47	68.2	8.03	Peak	360.00	150	Vertical	Pass

U-NII-3 11ac20 High Channel ANT H



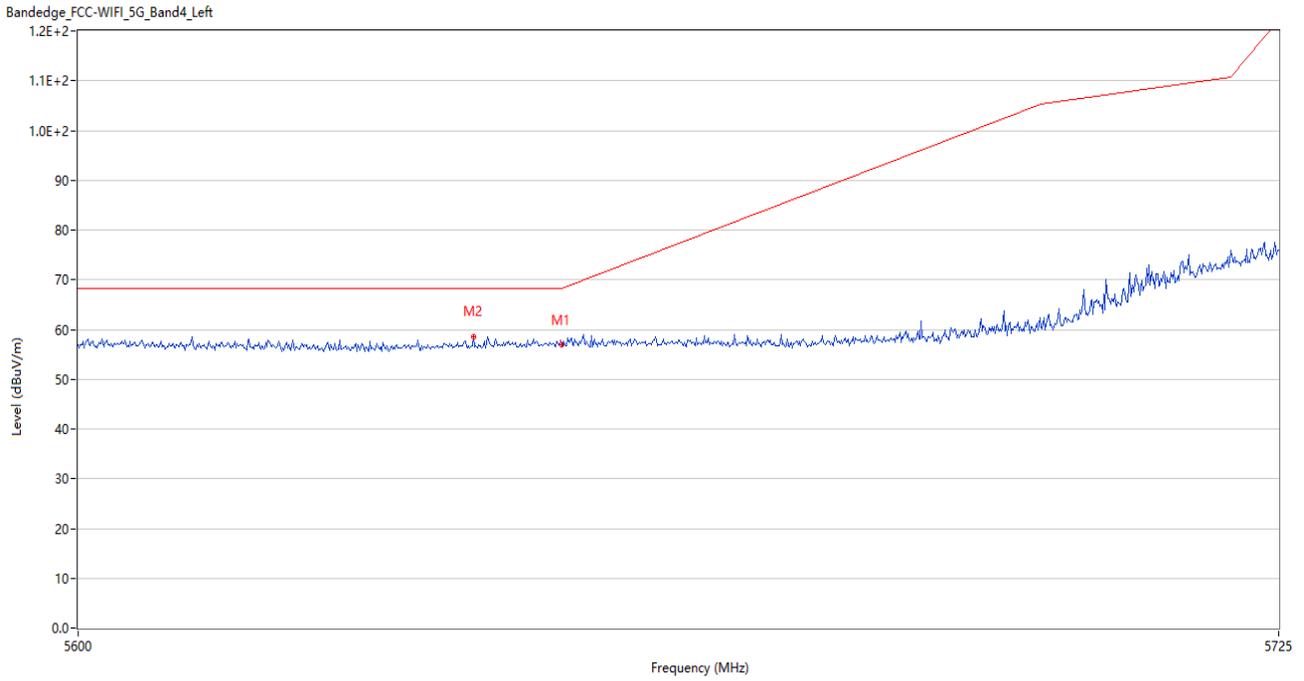
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.35	7.83	68.2	9.85	Peak	147.86	150	Horizontal	Pass
2	5929.200	60.26	7.70	68.2	7.94	Peak	69.00	150	Horizontal	Pass

U-NII-3 11ac40 Low Channel ANT V



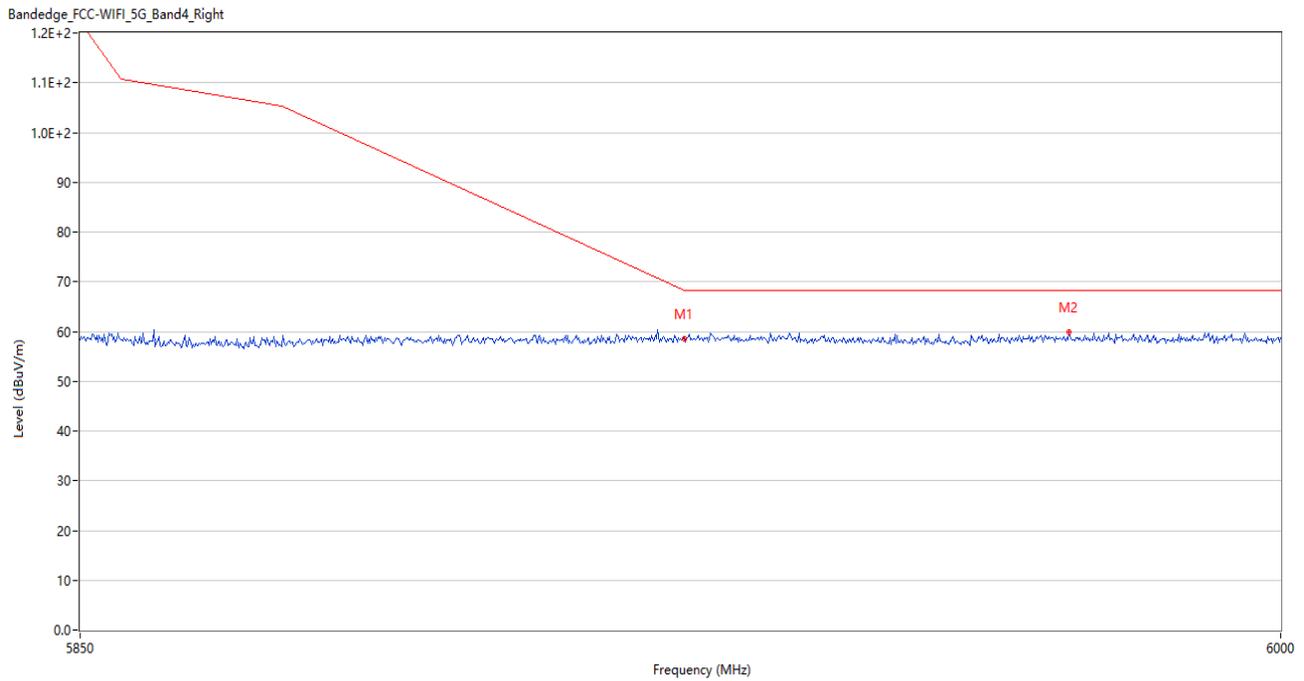
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.18	5.94	68.2	11.02	Peak	257.08	150	Vertical	Pass
2	5650.875	58.69	5.93	68.9	10.21	Peak	6.00	150	Vertical	Pass

U-NII-3 11ac40 Low Channel ANT H



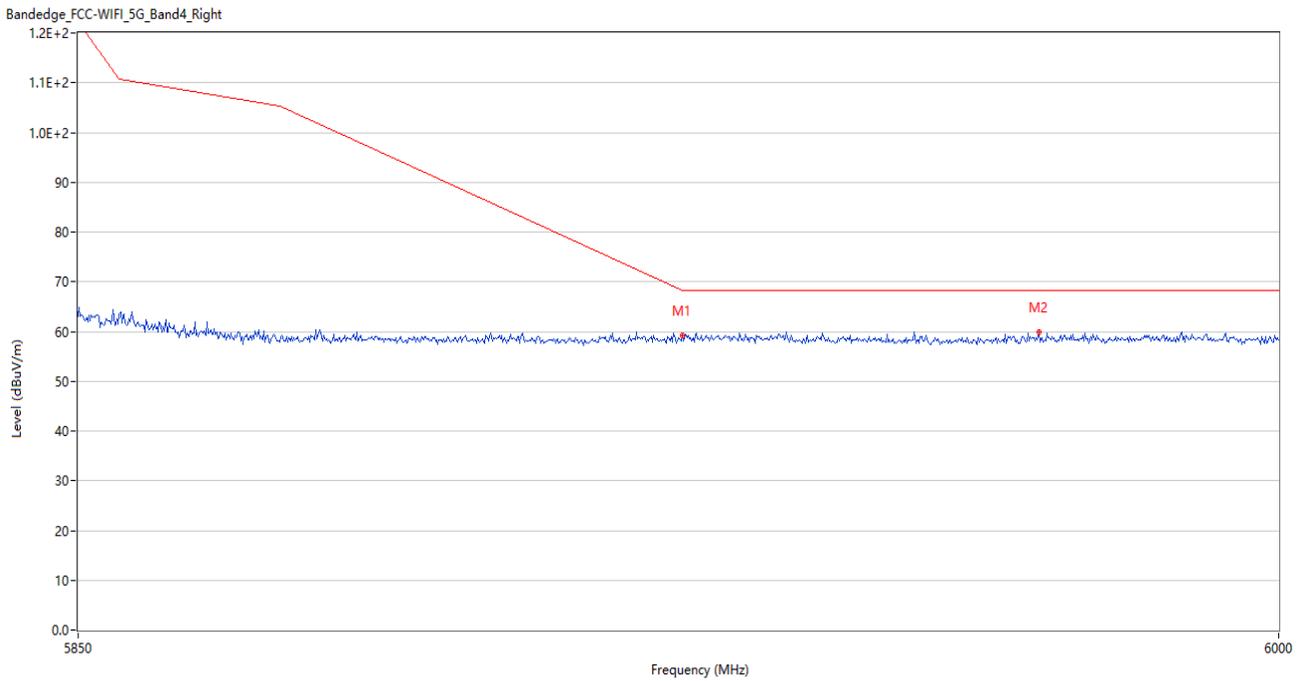
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	56.88	5.94	68.2	11.32	Peak	65.00	150	Horizontal	Pass
2	5640.875	58.56	5.92	68.2	9.64	Peak	343.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel ANT V



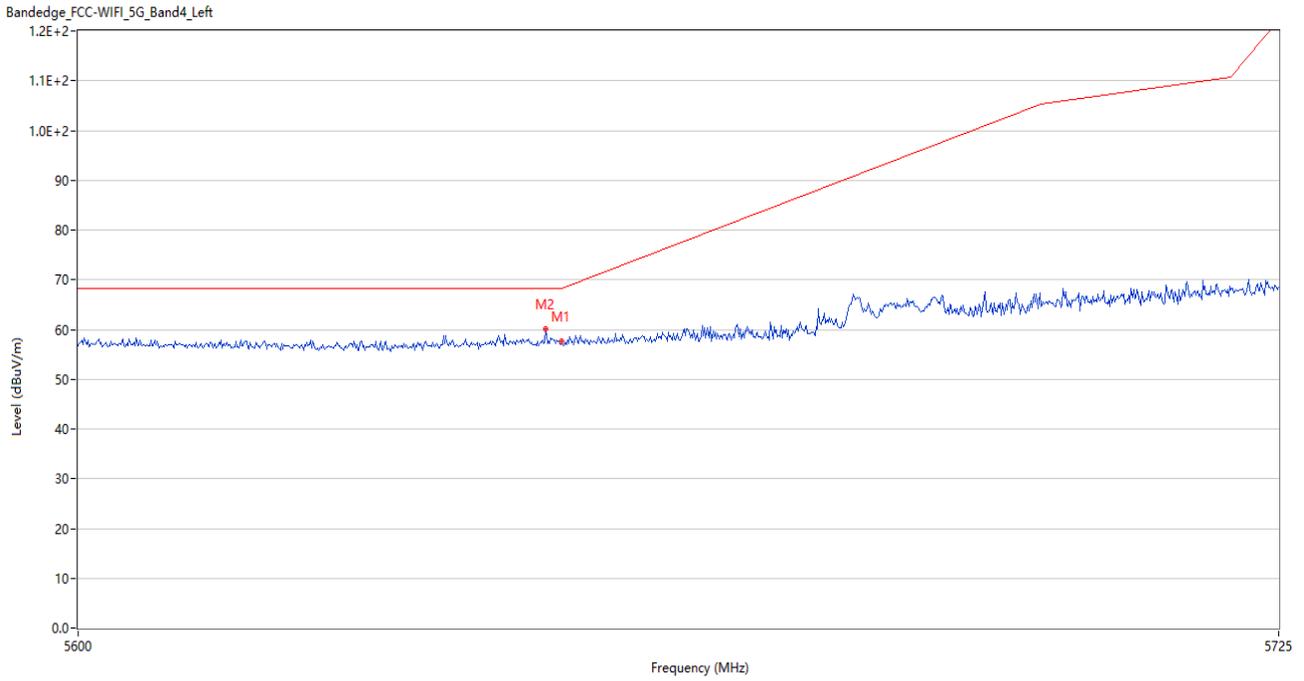
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.55	7.83	68.2	9.65	Peak	152.08	150	Vertical	Pass
2	5973.300	59.95	7.49	68.2	8.25	Peak	162.00	150	Vertical	Pass

U-NII-3 11ac40 High Channel ANT H



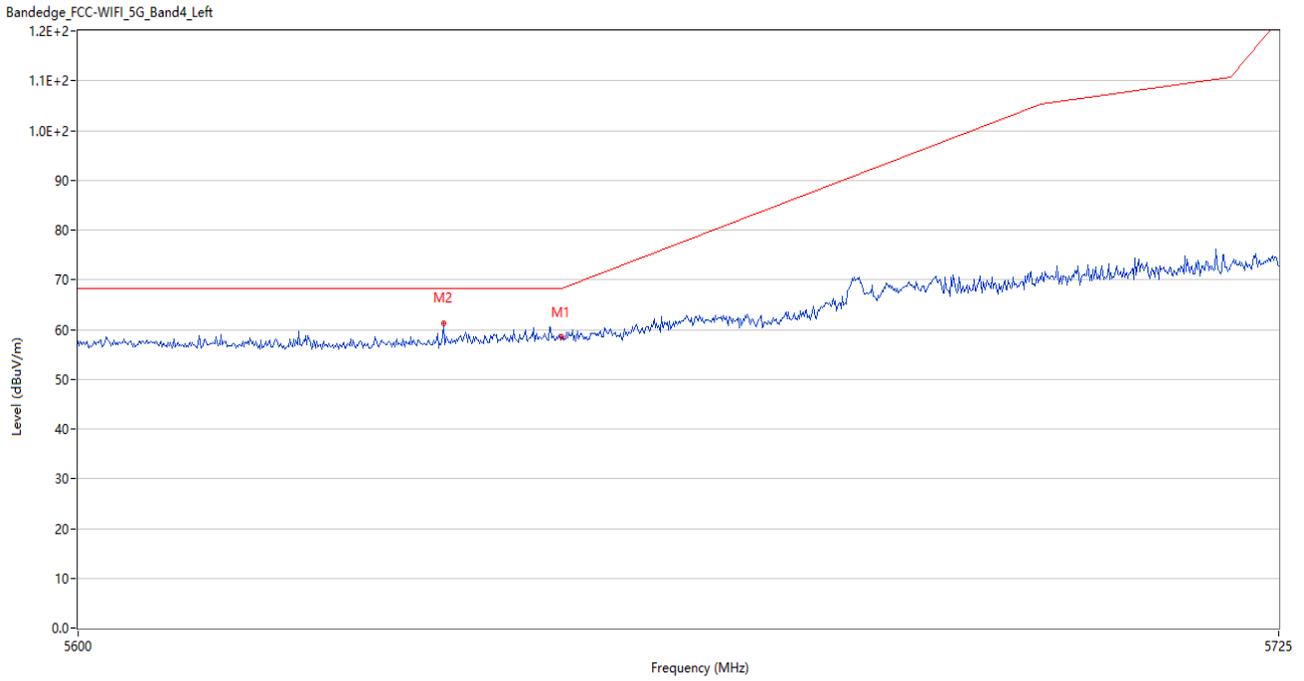
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	59.25	7.83	68.2	8.95	Peak	257.80	150	Horizontal	Pass
2	5969.700	59.99	7.60	68.2	8.21	Peak	304.00	150	Horizontal	Pass

U-NII-3 11ac80 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	5650.000	57.02	5.94	68.2	11.18	Peak	210.15	150	Vertical	Pass
2	5648.375	60.07	5.95	68.2	8.13	Peak	360.00	150	Vertical	Pass

U-NII-3 11ac80 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	5650.000	58.55	5.94	68.2	9.65	Peak	324.80	150	Horizontal	Pass
2	5637.750	61.18	5.90	68.2	7.02	Peak	268.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2470699-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2470699-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2470699-AI.PDF”.

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--END OF REPORT--