

TEST REPORT

Applicant: REOLINK INNOVATION LIMITED
Address: FLAT/RM 705 7/F FA YUEN COMMERCIAL
BUILDING 75-77 FA YUEN STREET MONG KOK
KL HONG KONG
Equipment Type: WiFi module
Model Name: WXT0HR1101
Brand Name: Reolink
FCC ID: 2AYHE-2406C
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: Aug. 07, 2024
Test Date: Aug. 20, 2024 - Aug. 29, 2024
Date of Issue: Oct. 09, 2024

ISSUED BY:

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Ye Hongji

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Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Oct. 09, 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	☒ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	REOLINK INNOVATION LIMITED
Address	FLAT/RM 705 7/F FA YUEN COMMERCIAL BUILDING 75-77 FA YUEN STREET MONG KOK KL HONG KONG

2.2 Manufacturer Information

Manufacturer	REOLINK INNOVATION LIMITED
Address	FLAT/RM 705 7/F FA YUEN COMMERCIAL BUILDING 75-77 FA YUEN STREET MONG KOK KL HONG KONG

2.3 General Description for Equipment under Test (EUT)

EUT Name	WiFi module
Model Name Under Test	WXT0HR1101
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40), VHT20/40, 802.11ac(VHT20/40/80) and 802.11ax(HE20/40/80)
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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	☒ Mobile ☐ Portable ☐ Fix Location
Modulation technology	OFDM, OFDMA
Modulation Type	1024QAM, 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 802.11ax up to 600 Mbps
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz 802.11ax: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 58.46 mW U-NII-2A: 57.69 mW U-NII-2C: 59.71 mW U-NII-3: 61.21mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	FPC Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 4.08 dBi U-NII-2A: 5250 MHz to 5350 MHz: 3.89 dBi U-NII-2C: 5470 MHz to 5725 MHz: 3.90 dBi U-NII-3: 5725 MHz to 5850 MHz: 3.90 dBi
About the Product	The equipment is WiFi module, intended for used with information technology equipment.

802.11ax RU configuration table							
Mode	Full RU (SU)	RU_26	RU_52	RU_106	RU_242	RU_484	RU_996
802.11ax20	√	--	--	--	--	--	--
802.11ax40	√	--	--	--	--	--	--
802.11ax80	√	--	--	--	--	--	--

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)/ax(HE20)

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)/ax(HE40)

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)/ax(HE80)

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
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		N/A	N/A	N/A	165/157/149
	11ax(40 MHz)	8		N/A	N/A	N/A	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		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
	11ax(20 MHz)	4		48/36	64/52	140/100	165/149
	11ax(40 MHz)	8		46/38	62/54	134/102	159/151
	11ax(80 MHz)	17		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	N/A ^{Note2}
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: The EUT only powered by battery, so the Conducted Emission test is not applicable.

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	53% to 61%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.6°C to +24.8°C
Working Voltage of the EUT	NV (Normal Voltage)	3.3 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2024.05.08	2025.05.07
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2024.07.04	2025.07.03
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	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2024.07.28	2026.07.27
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	2024.07.13	2027.07.12
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2024.07.06	2026.07.05
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*2.8m	112	2022.02.19	2025.02.18

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

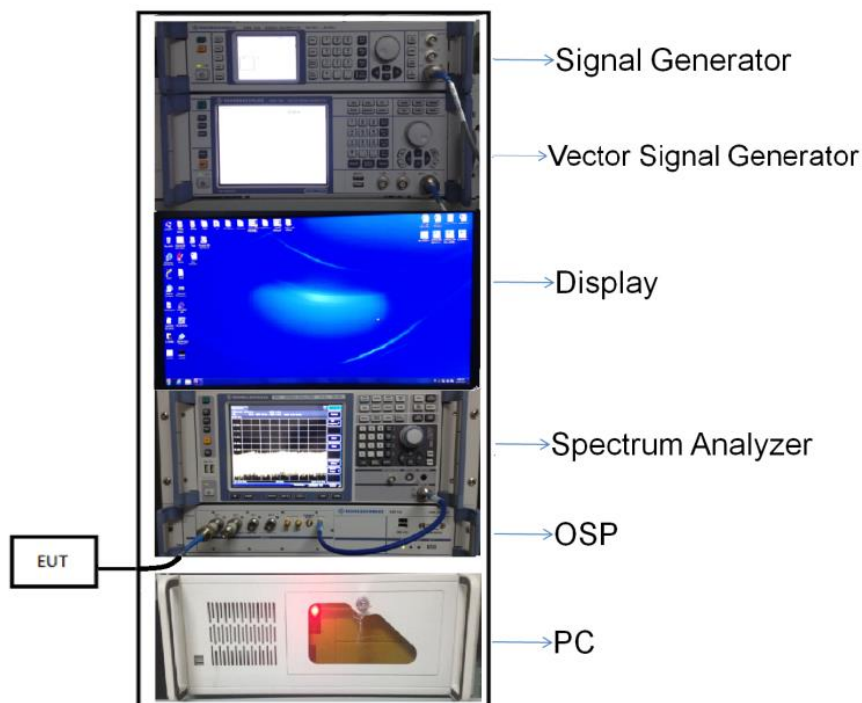
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

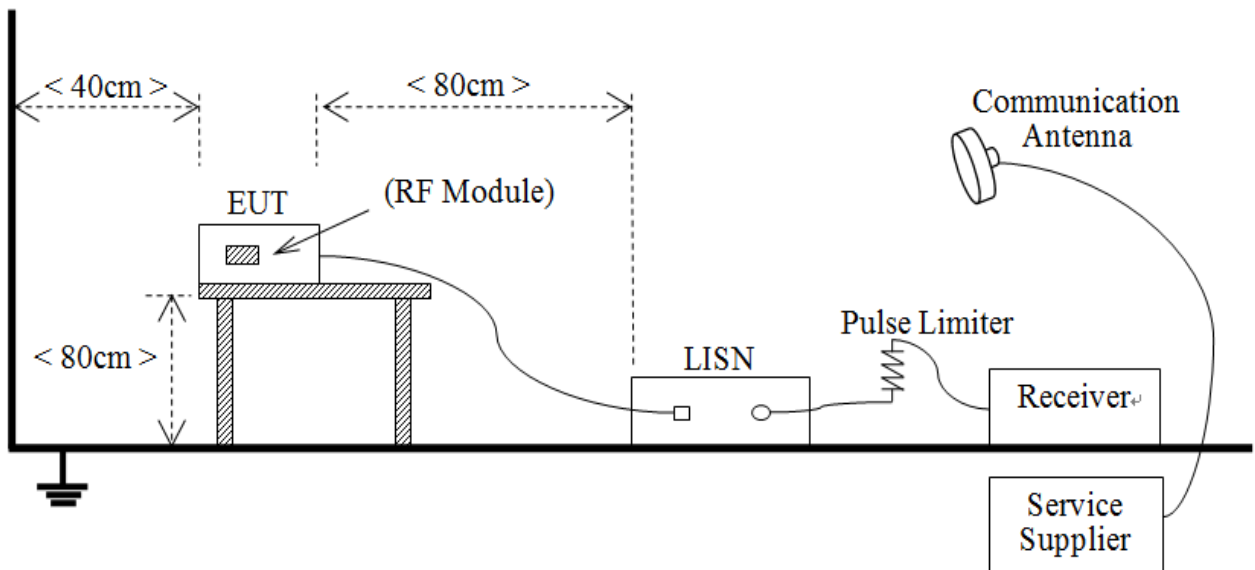
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



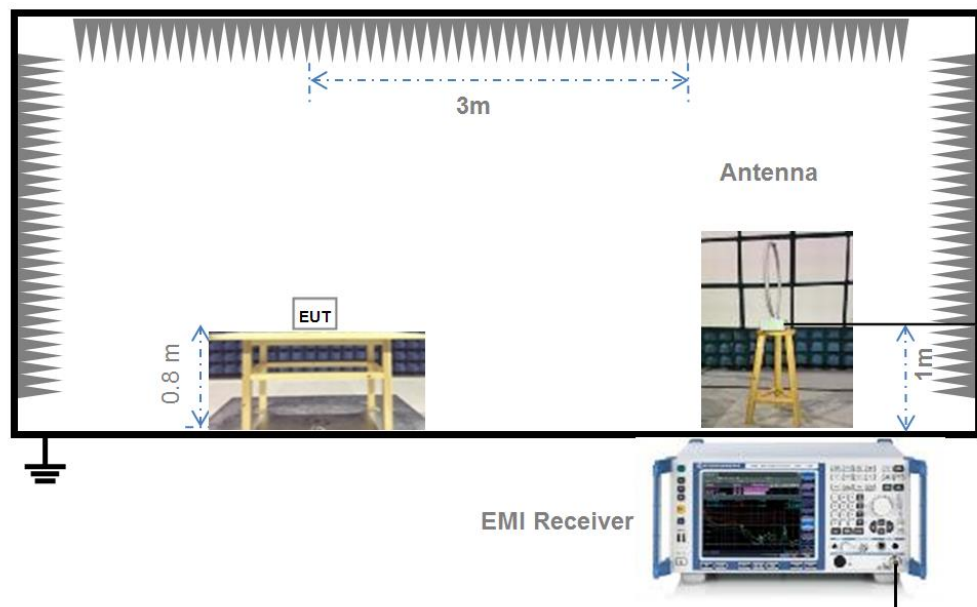
(Diagram 1)

4.5.2 For AC Power Supply Port Test



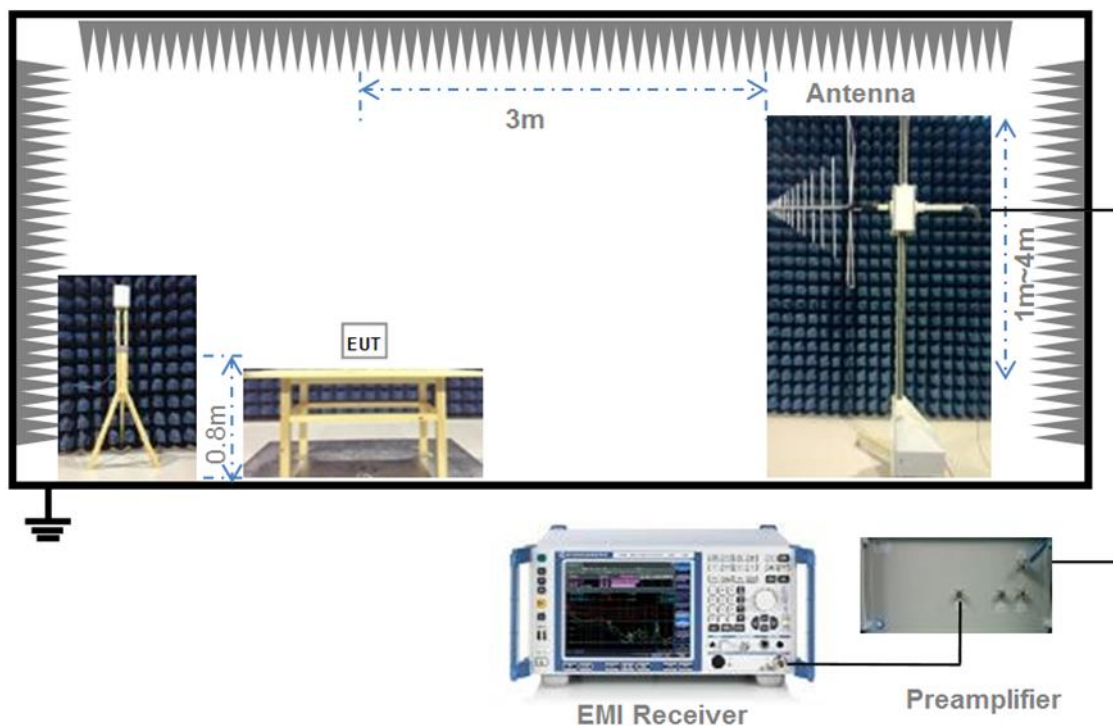
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



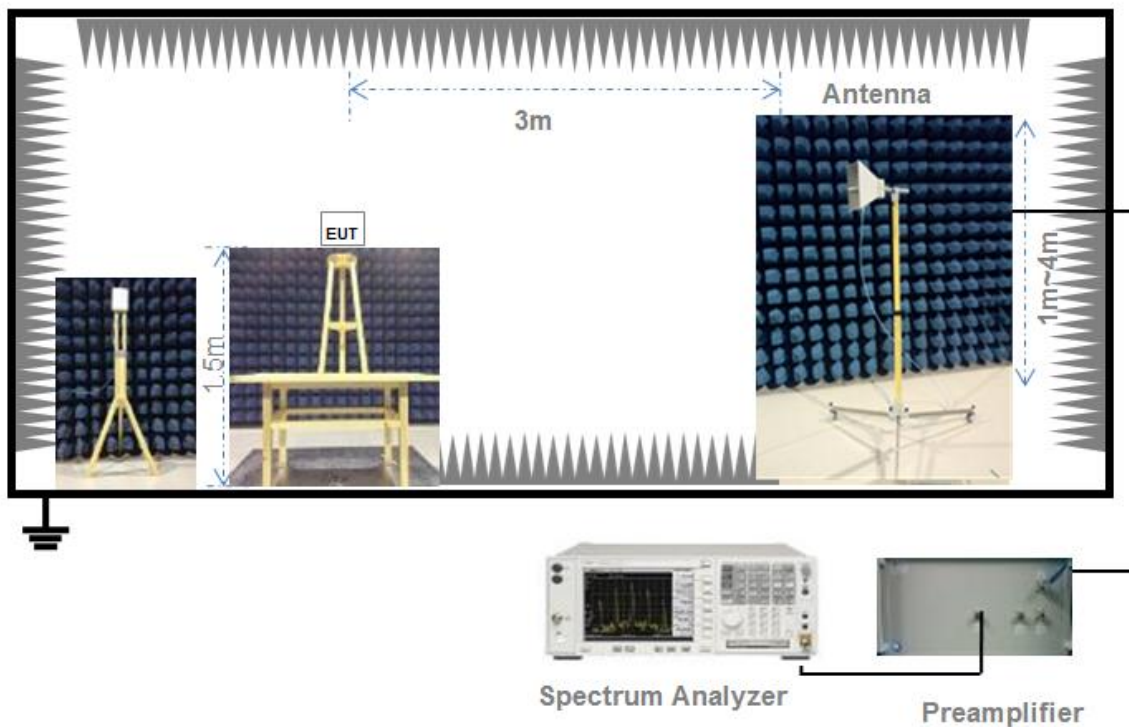
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

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

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

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

Measurements of duty cycle

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

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

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

Set VBW $\geq$ 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 $\geq 3 \times$ 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)

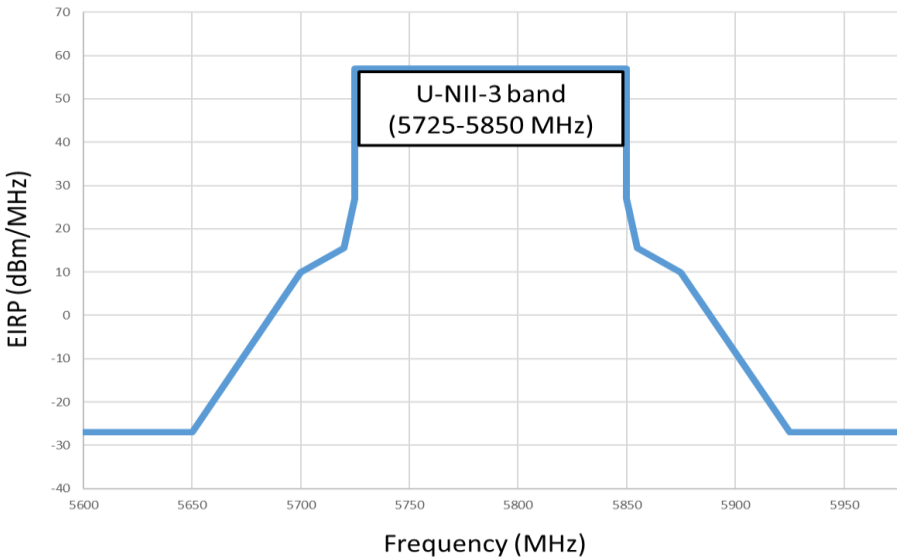
5.5.1 Limit

FCC §15.209 & 15.407(b)

Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

Note ¹: The Limit for radiated test was performed according to FCC Part 15C

Note ²: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.36	1.39	97.98%	0.09
11n (HT20)	1.15	1.18	97.70%	0.10
11n (HT40)	0.57	0.60	95.20%	0.21
11ac (VHT20)	1.15	1.18	97.54%	0.11
11ac (VHT40)	0.57	0.60	95.37%	0.21
11ac (VHT80)	0.29	0.32	90.96%	0.41
11ax (HE20) (SU)	0.98	1.01	97.08%	0.13
11ax (HE40) (SU)	0.57	0.60	95.20%	0.21
11ax (HE80) (SU)	0.29	0.32	91.10%	0.40

Test DataConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	17.32	53.93	250	Pass
11a	CH44	17.67	58.46	250	Pass
11a	CH48	17.48	55.96	250	Pass
11n (HT20)	CH36	17.24	52.98	250	Pass
11n (HT20)	CH44	17.54	56.76	250	Pass
11n (HT20)	CH48	17.59	57.42	250	Pass
11n (HT40)	CH38	16.73	47.13	250	Pass
11n (HT40)	CH46	16.56	45.33	250	Pass
11ac (VHT20)	CH36	16.38	43.43	250	Pass
11ac (VHT20)	CH44	16.36	43.23	250	Pass
11ac (VHT20)	CH48	16.29	42.54	250	Pass
11ac (VHT40)	CH38	16.44	44.01	250	Pass
11ac (VHT40)	CH46	16.45	44.11	250	Pass
11ac (VHT80)	CH42	14.49	28.13	250	Pass
11ax (HE20) (SU)	CH36	16.48	44.45	250	Pass
11ax (HE20) (SU)	CH44	16.49	44.55	250	Pass
11ax (HE20) (SU)	CH48	16.69	46.65	250	Pass
11ax (HE40) (SU)	CH38	16.44	44.09	250	Pass
11ax (HE40) (SU)	CH46	16.61	45.85	250	Pass
11ax (HE80) (SU)	CH42	14.46	27.96	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	17.51	56.34	225	Pass
11a	CH60	17.56	57.00	226	Pass
11a	CH64	17.47	55.83	226	Pass
11n (HT20)	CH52	17.21	52.61	241	Pass
11n (HT20)	CH60	17.26	53.22	242	Pass
11n (HT20)	CH64	17.61	57.69	242	Pass
11n (HT40)	CH54	16.36	43.29	250	Pass
11n (HT40)	CH62	16.51	44.81	250	Pass
11ac (VHT20)	CH52	16.25	42.15	240	Pass
11ac (VHT20)	CH60	16.52	44.85	241	Pass
11ac (VHT20)	CH64	16.38	43.43	242	Pass
11ac (VHT40)	CH54	16.63	45.98	250	Pass
11ac (VHT40)	CH62	16.42	43.81	250	Pass
11ac (VHT80)	CH58	14.53	28.39	250	Pass
11ax (HE20) (SU)	CH52	16.62	45.91	250	Pass
11ax (HE20) (SU)	CH60	16.35	43.14	250	Pass
11ax (HE20) (SU)	CH64	16.22	41.87	250	Pass
11ax (HE40) (SU)	CH54	16.68	46.60	250	Pass
11ax (HE40) (SU)	CH62	16.41	43.79	250	Pass
11ax (HE80) (SU)	CH58	14.71	29.61	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	17.22	52.70	225	Pass
11a	CH116	17.35	54.31	226	Pass
11a	CH140	17.65	58.19	226	Pass
11n (HT20)	CH100	17.76	59.71	243	Pass
11n (HT20)	CH116	17.47	55.86	250	Pass
11n (HT20)	CH140	16.61	45.82	242	Pass
11n (HT40)	CH102	15.76	37.70	250	Pass
11n (HT40)	CH118	16.47	44.40	250	Pass
11n (HT40)	CH134	16.43	43.99	250	Pass
11ac (VHT20)	CH100	16.88	48.73	242	Pass
11ac (VHT20)	CH116	16.23	41.96	243	Pass
11ac (VHT20)	CH140	16.38	43.43	244	Pass
11ac (VHT40)	CH102	16.79	47.71	250	Pass
11ac (VHT40)	CH118	16.51	44.73	250	Pass
11ac (VHT40)	CH134	16.43	43.91	250	Pass
11ac (VHT80)	CH106	14.58	28.72	250	Pass
11ac (VHT80)	CH122	14.39	27.49	250	Pass
11ax (HE20) (SU)	CH100	16.75	47.30	250	Pass
11ax (HE20) (SU)	CH116	16.51	44.76	250	Pass
11ax (HE20) (SU)	CH140	15.35	34.27	250	Pass
11ax (HE40) (SU)	CH102	15.64	36.68	250	Pass
11ax (HE40) (SU)	CH118	16.46	44.30	250	Pass
11ax (HE40) (SU)	CH134	16.43	43.99	250	Pass
11ax (HE80) (SU)	CH106	14.59	28.81	250	Pass
11ax (HE80) (SU)	CH122	14.70	29.55	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.63	57.92	1000	Pass
11a	CH157	17.87	61.21	1000	Pass
11a	CH165	17.61	57.66	1000	Pass
11n (HT20)	CH149	17.49	56.12	1000	Pass
11n (HT20)	CH157	17.61	57.69	1000	Pass
11n (HT20)	CH165	17.41	55.09	1000	Pass
11n (HT40)	CH151	16.62	45.96	1000	Pass
11n (HT40)	CH159	16.76	47.46	1000	Pass
11ac (VHT20)	CH149	16.90	48.96	1000	Pass
11ac (VHT20)	CH157	16.59	45.58	1000	Pass
11ac (VHT20)	CH165	16.59	45.58	1000	Pass
11ac (VHT40)	CH151	16.87	48.59	1000	Pass
11ac (VHT40)	CH159	16.59	45.56	1000	Pass
11ac (VHT80)	CH155	14.71	29.59	1000	Pass
11ax (HE20) (SU)	CH149	16.72	46.97	1000	Pass
11ax (HE20) (SU)	CH157	16.98	49.87	1000	Pass
11ax (HE20) (SU)	CH165	16.76	47.41	1000	Pass
11ax (HE40) (SU)	CH151	16.50	44.71	1000	Pass
11ax (HE40) (SU)	CH159	16.64	46.17	1000	Pass
11ax (HE80) (SU)	CH155	14.87	30.72	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2480082-603 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	17.96	16.07
11a	CH44	17.94	16.07
11a	CH48	17.91	16.07
11n (HT20)	CH36	19.26	17.26
11n (HT20)	CH44	19.21	17.24
11n (HT20)	CH48	19.17	17.21
11n (HT40)	CH38	38.01	35.56
11n (HT40)	CH46	38.00	35.55
11ac (VHT20)	CH36	19.28	17.20
11ac (VHT20)	CH44	19.18	17.19
11ac (VHT20)	CH48	19.13	17.18
11ac (VHT40)	CH38	38.27	35.47
11ac (VHT40)	CH46	38.24	35.48
11ac (VHT80)	CH42	78.75	74.24
11ax (HE20) (SU)	CH36	20.16	18.66
11ax (HE20) (SU)	CH44	20.12	18.66
11ax (HE20) (SU)	CH48	20.12	18.66
11ax (HE40) (SU)	CH38	39.52	37.02
11ax (HE40) (SU)	CH46	39.53	37.04
11ax (HE80) (SU)	CH42	80.08	76.00

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	17.91	16.06
11a	CH60	17.94	16.06
11a	CH64	17.97	16.07
11n (HT20)	CH52	19.18	17.21
11n (HT20)	CH60	19.19	17.21
11n (HT20)	CH64	19.25	17.25
11n (HT40)	CH54	38.02	35.55
11n (HT40)	CH62	38.01	35.55
11ac (VHT20)	CH52	19.09	17.17
11ac (VHT20)	CH60	19.15	17.18
11ac (VHT20)	CH64	19.26	17.20
11ac (VHT40)	CH54	38.26	35.48
11ac (VHT40)	CH62	38.27	35.46
11ac (VHT80)	CH58	78.82	74.34
11ax (HE20) (SU)	CH52	20.08	18.65
11ax (HE20) (SU)	CH60	20.09	18.65
11ax (HE20) (SU)	CH64	20.09	18.66
11ax (HE40) (SU)	CH54	39.52	37.03
11ax (HE40) (SU)	CH62	39.53	37.02
11ax (HE80) (SU)	CH58	80.08	76.00

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	17.90	16.06
11a	CH116	17.94	16.07
11a	CH140	17.94	16.06
11n (HT20)	CH100	19.31	17.27
11n (HT20)	CH116	20.71	17.35
11n (HT20)	CH140	19.20	17.24
11n (HT40)	CH102	38.04	35.56
11n (HT40)	CH118	38.16	35.59
11n (HT40)	CH134	38.05	35.57
11ac (VHT20)	CH100	19.21	17.20
11ac (VHT20)	CH116	19.33	17.22
11ac (VHT20)	CH140	19.35	17.22
11ac (VHT40)	CH102	38.34	35.49
11ac (VHT40)	CH118	38.37	35.52
11ac (VHT40)	CH134	38.33	35.50
11ac (VHT80)	CH106	83.43	74.57
11ac (VHT80)	CH122	78.93	74.40
11ax (HE20) (SU)	CH100	20.18	18.66
11ax (HE20) (SU)	CH116	20.22	18.67
11ax (HE20) (SU)	CH140	20.16	18.67
11ax (HE40) (SU)	CH102	39.53	37.03
11ax (HE40) (SU)	CH118	39.59	37.05
11ax (HE40) (SU)	CH134	39.62	37.07
11ax (HE80) (SU)	CH106	80.09	76.11
11ax (HE80) (SU)	CH122	80.12	76.02

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	17.93	16.07
11a	CH157	17.99	16.09
11a	CH165	17.99	16.07
11n (HT20)	CH149	20.72	17.33
11n (HT20)	CH157	22.87	17.44
11n (HT20)	CH165	22.83	17.42
11n (HT40)	CH151	38.42	35.64
11n (HT40)	CH159	38.95	35.67
11ac (VHT20)	CH149	20.73	17.33
11ac (VHT20)	CH157	21.01	17.39
11ac (VHT20)	CH165	20.93	17.37
11ac (VHT40)	CH151	42.63	35.62
11ac (VHT40)	CH159	40.24	35.63
11ac (VHT80)	CH155	78.89	74.35
11ax (HE20) (SU)	CH149	20.30	18.70
11ax (HE20) (SU)	CH157	20.54	18.73
11ax (HE20) (SU)	CH165	20.50	18.73
11ax (HE40) (SU)	CH151	39.68	37.11
11ax (HE40) (SU)	CH159	39.72	37.15
11ax (HE80) (SU)	CH155	80.09	76.10

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2480082-603 Data Part 2.pdf".

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.20	500.00	Pass
11a	CH157	15.30	500.00	Pass
11a	CH165	14.00	500.00	Pass
11n (HT20)	CH149	15.30	500.00	Pass
11n (HT20)	CH157	15.30	500.00	Pass
11n (HT20)	CH165	15.30	500.00	Pass
11n (HT40)	CH151	35.20	500.00	Pass
11n (HT40)	CH159	35.20	500.00	Pass
11ac (VHT20)	CH149	15.30	500.00	Pass
11ac (VHT20)	CH157	15.30	500.00	Pass
11ac (VHT20)	CH165	15.30	500.00	Pass
11ac (VHT40)	CH151	35.30	500.00	Pass
11ac (VHT40)	CH159	35.20	500.00	Pass
11ac (VHT80)	CH155	66.50	500.00	Pass
11ax (HE20) (SU)	CH149	15.30	500.00	Pass
11ax (HE20) (SU)	CH157	15.30	500.00	Pass
11ax (HE20) (SU)	CH165	15.30	500.00	Pass
11ax (HE40) (SU)	CH151	35.20	500.00	Pass
11ax (HE40) (SU)	CH159	35.20	500.00	Pass
11ax (HE80) (SU)	CH155	64.00	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ2480082-603 Data Part 3.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	5.75	11.00	Pass
11a	CH44	5.84	11.00	Pass
11a	CH48	5.08	11.00	Pass
11n (HT20)	CH36	5.95	11.00	Pass
11n (HT20)	CH44	5.89	11.00	Pass
11n (HT20)	CH48	5.14	11.00	Pass
11n (HT40)	CH38	1.44	11.00	Pass
11n (HT40)	CH46	0.48	11.00	Pass
11ac (VHT20)	CH36	4.08	11.00	Pass
11ac (VHT20)	CH44	4.12	11.00	Pass
11ac (VHT20)	CH48	3.86	11.00	Pass
11ac (VHT40)	CH38	1.63	11.00	Pass
11ac (VHT40)	CH46	1.27	11.00	Pass
11ac (VHT80)	CH42	-3.79	11.00	Pass
11ax (HE20) (SU)	CH36	5.49	11.00	Pass
11ax (HE20) (SU)	CH44	5.17	11.00	Pass
11ax (HE20) (SU)	CH48	5.08	11.00	Pass
11ax (HE40) (SU)	CH38	1.52	11.00	Pass
11ax (HE40) (SU)	CH46	1.29	11.00	Pass
11ax (HE80) (SU)	CH42	-2.91	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	4.86	11.00	Pass
11a	CH60	4.82	11.00	Pass
11a	CH64	6.33	11.00	Pass
11n (HT20)	CH52	5.47	11.00	Pass
11n (HT20)	CH60	5.06	11.00	Pass
11n (HT20)	CH64	5.78	11.00	Pass
11n (HT40)	CH54	0.70	11.00	Pass
11n (HT40)	CH62	1.34	11.00	Pass
11ac (VHT20)	CH52	3.52	11.00	Pass
11ac (VHT20)	CH60	4.20	11.00	Pass
11ac (VHT20)	CH64	4.23	11.00	Pass
11ac (VHT40)	CH54	1.37	11.00	Pass
11ac (VHT40)	CH62	0.93	11.00	Pass
11ac (VHT80)	CH58	-3.63	11.00	Pass
11ax (HE20) (SU)	CH52	4.34	11.00	Pass
11ax (HE20) (SU)	CH60	4.12	11.00	Pass
11ax (HE20) (SU)	CH64	4.09	11.00	Pass
11ax (HE40) (SU)	CH54	1.71	11.00	Pass
11ax (HE40) (SU)	CH62	1.45	11.00	Pass
11ax (HE80) (SU)	CH58	-3.21	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	5.45	11.00	Pass
11a	CH116	5.34	11.00	Pass
11a	CH140	5.73	11.00	Pass
11n (HT20)	CH100	5.63	11.00	Pass
11n (HT20)	CH116	5.71	11.00	Pass
11n (HT20)	CH140	4.70	11.00	Pass
11n (HT40)	CH102	0.54	11.00	Pass
11n (HT40)	CH118	1.50	11.00	Pass
11n (HT40)	CH134	1.05	11.00	Pass
11ac (VHT20)	CH100	4.03	11.00	Pass
11ac (VHT20)	CH116	3.87	11.00	Pass
11ac (VHT20)	CH140	3.95	11.00	Pass
11ac (VHT40)	CH102	1.52	11.00	Pass
11ac (VHT40)	CH118	1.41	11.00	Pass
11ac (VHT40)	CH134	1.29	11.00	Pass
11ac (VHT80)	CH106	-0.12	11.00	Pass
11ac (VHT80)	CH122	-1.35	11.00	Pass
11ax (HE20) (SU)	CH100	4.78	11.00	Pass
11ax (HE20) (SU)	CH116	4.55	11.00	Pass
11ax (HE20) (SU)	CH140	3.55	11.00	Pass
11ax (HE40) (SU)	CH102	0.78	11.00	Pass
11ax (HE40) (SU)	CH118	1.46	11.00	Pass
11ax (HE40) (SU)	CH134	1.26	11.00	Pass
11ax (HE80) (SU)	CH106	-3.74	11.00	Pass
11ax (HE80) (SU)	CH122	-3.61	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	3.35	30.00	Pass
11a	CH157	3.41	30.00	Pass
11a	CH165	3.01	30.00	Pass
11n (HT20)	CH149	2.51	30.00	Pass
11n (HT20)	CH157	2.49	30.00	Pass
11n (HT20)	CH165	2.45	30.00	Pass
11n (HT40)	CH151	-1.64	30.00	Pass
11n (HT40)	CH159	-1.19	30.00	Pass
11ac (VHT20)	CH149	2.41	30.00	Pass
11ac (VHT20)	CH157	2.18	30.00	Pass
11ac (VHT20)	CH165	1.93	30.00	Pass
11ac (VHT40)	CH151	-0.75	30.00	Pass
11ac (VHT40)	CH159	-1.04	30.00	Pass
11ac (VHT80)	CH155	-6.12	30.00	Pass
11ax (HE20) (SU)	CH149	2.24	30.00	Pass
11ax (HE20) (SU)	CH157	1.95	30.00	Pass
11ax (HE20) (SU)	CH165	2.14	30.00	Pass
11ax (HE40) (SU)	CH151	-1.29	30.00	Pass
11ax (HE40) (SU)	CH159	-1.10	30.00	Pass
11ax (HE80) (SU)	CH155	-5.82	30.00	Pass

A.5 Conducted Emissions

Note: Not applicable.

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

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

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

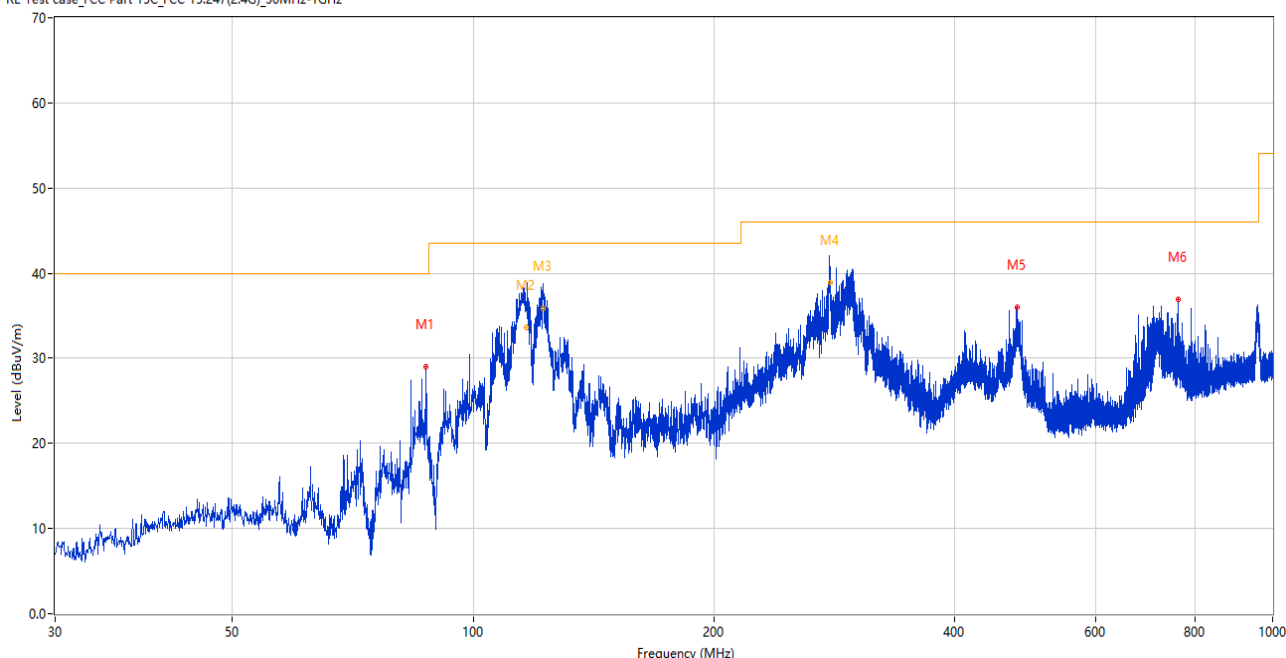
Note ³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

Test Data and Plots

30 MHz to 1 GHz, ANT H

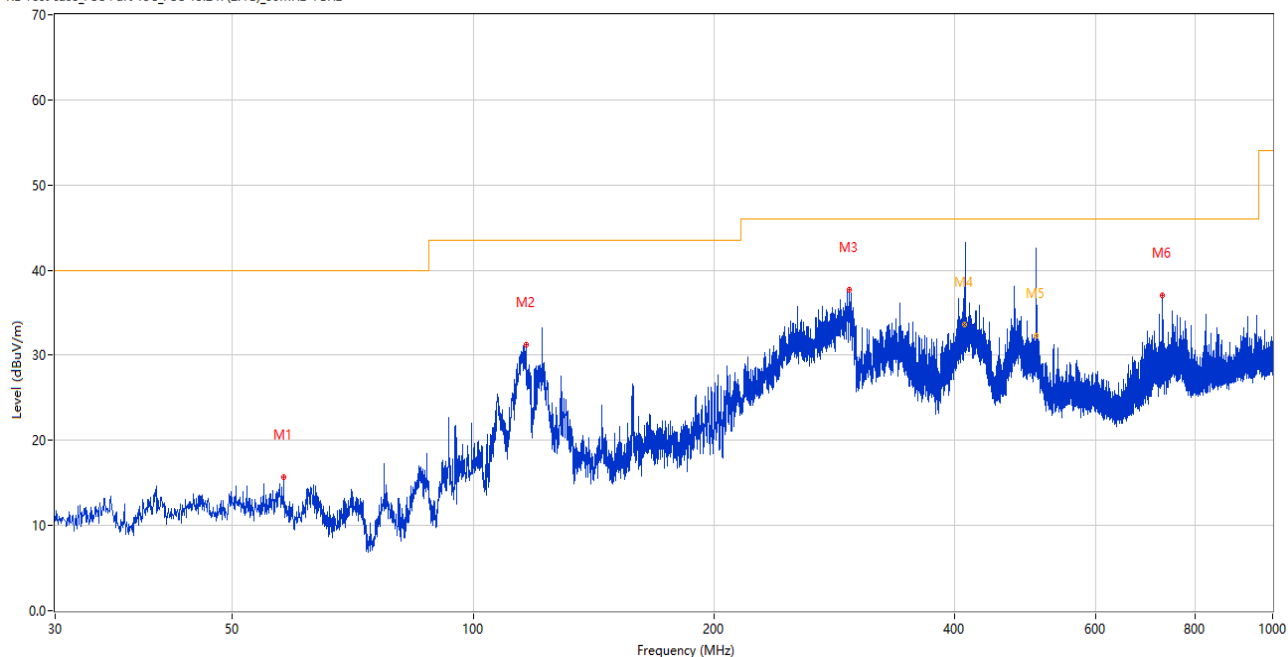
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	87.376	28.96	-28.95	40.0	11.04	Peak	72.00	200	Horizontal	Pass
2	116.440	40.59	-27.67	43.5	2.91	Peak	236.00	153	Horizontal	N/A
2*	116.440	33.56	-27.67	43.5	9.94	QP	236.00	153	Horizontal	Pass
3	122.378	45.02	-28.53	43.5	-1.52	Peak	101.00	168	Horizontal	N/A
3*	122.378	35.88	-28.53	43.5	7.62	QP	101.00	168	Horizontal	Pass
4	279.576	44.43	-23.75	46.0	1.57	Peak	179.00	100	Horizontal	N/A
4*	279.576	38.89	-23.75	46.0	7.11	QP	179.00	100	Horizontal	Pass
5	479.498	36.05	-18.75	46.0	9.95	Peak	94.00	200	Horizontal	Pass
6	761.719	36.93	-11.97	46.0	9.07	Peak	114.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	57.936	15.66	-25.64	40.0	24.34	Peak	231.00	100	Vertical	Pass
2	116.524	31.29	-27.61	43.5	12.21	Peak	350.00	200	Vertical	Pass
3	295.392	37.69	-23.19	46.0	8.31	Peak	230.00	200	Vertical	Pass
4	412.301	40.77	-20.15	46.0	5.23	Peak	167.00	102	Vertical	N/A
4*	412.301	33.67	-20.15	46.0	12.33	QP	167.00	102	Vertical	Pass
5	506.019	42.15	-17.85	46.0	3.85	Peak	237.00	102	Vertical	N/A
5*	506.019	32.35	-17.85	46.0	13.65	QP	237.00	102	Vertical	Pass
6	727.090	37.06	-12.87	46.0	8.94	Peak	143.00	100	Vertical	Pass

Note ¹: The spurious above 18G is noise only, do not show on the report.

Note ²: All the configurations were pre tested, only the worst configuration has been reported in this 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	1063.250	48.26	-15.58	74.0	25.74	Peak	238.00	150	Horizontal	Pass
1**	1063.250	40.10	-15.58	54.0	13.90	AV	238.00	150	Horizontal	Pass
2	1440.750	47.96	-15.39	74.0	26.04	Peak	360.00	150	Horizontal	Pass
2**	1440.750	30.91	-15.39	54.0	23.09	AV	360.00	150	Horizontal	Pass
3	3872.500	48.59	-4.19	74.0	25.41	Peak	105.00	150	Horizontal	Pass
3**	3872.500	38.29	-4.19	54.0	15.71	AV	105.00	150	Horizontal	Pass
4	5223.000	107.93	-0.82	--	155.07	Peak	263.00	150	Horizontal	N/A
4**	5223.000	100.11	-0.82	--	-100.11	AV	263.00	150	Horizontal	N/A
5	7749.000	56.38	3.62	74.0	17.62	Peak	356.00	150	Horizontal	Pass
5**	7749.000	45.61	3.62	54.0	8.39	AV	356.00	150	Horizontal	Pass
6	15720.974	51.72	1.40	74.0	22.28	Peak	227.00	150	Horizontal	Pass
6**	15720.974	41.29	1.40	54.0	12.71	AV	227.00	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	1061.750	50.54	-15.57	74.0	23.46	Peak	360.00	150	Vertical	Pass
1**	1061.750	36.42	-15.57	54.0	17.58	AV	360.00	150	Vertical	Pass
2	1327.250	47.37	-15.50	74.0	26.63	Peak	194.00	150	Vertical	Pass
2**	1327.250	34.71	-15.50	54.0	19.29	AV	194.00	150	Vertical	Pass
3	2254.000	45.44	-11.49	74.0	28.56	Peak	185.00	150	Vertical	Pass
3**	2254.000	33.11	-11.49	54.0	20.89	AV	185.00	150	Vertical	Pass
4	3933.500	48.50	-2.77	74.0	25.50	Peak	224.00	150	Vertical	Pass
4**	3933.500	37.78	-2.77	54.0	16.22	AV	224.00	150	Vertical	Pass
5	5219.500	105.08	-0.87	--	-105.08	Peak	0.00	150	Vertical	N/A
5**	5219.500	97.30	-0.87	--	-97.30	AV	0.00	150	Vertical	N/A
6	12526.276	50.91	-0.37	74.0	23.09	Peak	0.00	150	Vertical	Pass
6**	12526.276	40.00	-0.37	54.0	14.00	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.750	48.40	-15.57	74.0	25.60	Peak	151.00	150	Horizontal	Pass
1**	1061.750	34.44	-15.57	54.0	19.56	AV	151.00	150	Horizontal	Pass
2	1687.250	46.40	-15.46	74.0	27.60	Peak	321.00	150	Horizontal	Pass
2**	1687.250	31.47	-15.46	54.0	22.53	AV	321.00	150	Horizontal	Pass
3	4025.500	49.16	-3.01	74.0	24.84	Peak	77.00	150	Horizontal	Pass
3**	4025.500	37.79	-3.01	54.0	16.21	AV	77.00	150	Horizontal	Pass
4	5219.000	108.58	-0.89	--	155.42	Peak	264.00	150	Horizontal	N/A
4**	5219.000	100.38	-0.89	--	-100.38	AV	264.00	150	Horizontal	N/A
5	7626.500	55.54	2.88	74.0	18.46	Peak	0.00	150	Horizontal	Pass
5**	7626.500	44.62	2.88	54.0	9.38	AV	0.00	150	Horizontal	Pass
6	16088.212	52.17	1.27	74.0	21.83	Peak	51.00	150	Horizontal	Pass
6**	16088.212	40.97	1.27	54.0	13.03	AV	51.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.250	57.20	-15.58	74.0	16.80	Peak	182.00	150	Vertical	Pass
1**	1063.250	48.20	-15.58	54.0	5.80	AV	182.00	150	Vertical	Pass
2	1330.500	50.70	-15.52	74.0	23.30	Peak	188.00	150	Vertical	Pass
2**	1330.500	41.21	-15.52	54.0	12.79	AV	188.00	150	Vertical	Pass
3	4255.500	56.61	-3.05	74.0	17.39	Peak	149.00	150	Vertical	Pass
3**	4255.500	38.47	-3.05	54.0	15.53	AV	149.00	150	Vertical	Pass
4	5219.000	100.92	-0.89	--	244.08	Peak	345.00	150	Vertical	N/A
4**	5219.000	92.87	-0.89	--	-92.87	AV	345.00	150	Vertical	N/A
5	7345.000	55.27	3.16	74.0	18.73	Peak	360.00	150	Vertical	Pass
5**	7345.000	43.92	3.16	54.0	10.08	AV	360.00	150	Vertical	Pass
6	12507.513	51.47	-0.20	74.0	22.53	Peak	14.00	150	Vertical	Pass
6**	12507.513	40.48	-0.20	54.0	13.52	AV	14.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.500	50.50	-15.59	74.0	23.50	Peak	159.00	150	Horizontal	Pass
1**	1062.500	38.24	-15.59	54.0	15.76	AV	159.00	150	Horizontal	Pass
2	1684.500	47.56	-15.49	74.0	26.44	Peak	320.00	150	Horizontal	Pass
2**	1684.500	32.00	-15.49	54.0	22.00	AV	320.00	150	Horizontal	Pass
3	4214.500	48.99	-2.59	74.0	25.01	Peak	21.00	150	Horizontal	Pass
3**	4214.500	38.55	-2.59	54.0	15.45	AV	21.00	150	Horizontal	Pass
4	5192.000	104.98	-1.08	--	143.02	Peak	248.00	150	Horizontal	N/A
4**	5192.000	97.57	-1.08	--	-97.57	AV	248.00	150	Horizontal	N/A
5	7696.000	55.71	3.61	74.0	18.29	Peak	4.00	150	Horizontal	Pass
5**	7696.000	44.54	3.61	54.0	9.46	AV	4.00	150	Horizontal	Pass
6	15940.163	51.90	1.51	74.0	22.10	Peak	154.00	150	Horizontal	Pass
6**	15940.163	41.29	1.51	54.0	12.71	AV	154.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.000	48.93	-15.58	74.0	25.07	Peak	221.00	150	Vertical	Pass
1**	1062.000	38.06	-15.58	54.0	15.94	AV	221.00	150	Vertical	Pass
2	1329.500	49.10	-15.51	74.0	24.90	Peak	196.00	150	Vertical	Pass
2**	1329.500	39.90	-15.51	54.0	14.10	AV	196.00	150	Vertical	Pass
3	4301.000	50.10	-2.82	74.0	23.90	Peak	359.00	150	Vertical	Pass
3**	4301.000	38.50	-2.82	54.0	15.50	AV	359.00	150	Vertical	Pass
4	5192.500	98.68	-1.10	--	238.32	Peak	337.00	150	Vertical	N/A
4**	5192.500	89.83	-1.10	--	-89.83	AV	337.00	150	Vertical	N/A
5	7739.500	55.28	3.36	74.0	18.72	Peak	306.00	150	Vertical	Pass
5**	7739.500	45.25	3.36	54.0	8.75	AV	306.00	150	Vertical	Pass
6	12485.188	50.52	0.16	74.0	23.48	Peak	1.00	150	Vertical	Pass
6**	12485.188	39.66	0.16	54.0	14.34	AV	1.00	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	1065.000	49.75	-15.57	74.0	24.25	Peak	187.00	150	Horizontal	Pass
1**	1065.000	38.75	-15.57	54.0	15.25	AV	187.00	150	Horizontal	Pass
2	1683.750	48.26	-15.48	74.0	25.74	Peak	319.00	150	Horizontal	Pass
2**	1683.750	31.92	-15.48	54.0	22.08	AV	319.00	150	Horizontal	Pass
3	4249.500	49.29	-2.72	74.0	24.71	Peak	355.00	150	Horizontal	Pass
3**	4249.500	38.34	-2.72	54.0	15.66	AV	355.00	150	Horizontal	Pass
4	5206.500	101.60	-0.87	--	140.40	Peak	242.00	150	Horizontal	N/A
4**	5206.500	93.75	-0.87	--	-93.75	AV	242.00	150	Horizontal	N/A
5	7739.500	55.97	3.36	74.0	18.03	Peak	95.00	150	Horizontal	Pass
5**	7739.500	44.89	3.36	54.0	9.11	AV	95.00	150	Horizontal	Pass
6	12493.737	51.00	0.14	74.0	23.00	Peak	110.00	150	Horizontal	Pass
6**	12493.737	40.24	0.14	54.0	13.76	AV	110.00	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	1065.750	49.92	-15.57	74.0	24.08	Peak	224.00	150	Vertical	Pass
1**	1065.750	40.63	-15.57	54.0	13.37	AV	224.00	150	Vertical	Pass
2	1327.250	46.81	-15.50	74.0	27.19	Peak	182.00	150	Vertical	Pass
2**	1327.250	34.23	-15.50	54.0	19.77	AV	182.00	150	Vertical	Pass
3	3942.000	48.76	-3.50	74.0	25.24	Peak	191.00	150	Vertical	Pass
3**	3942.000	37.81	-3.50	54.0	16.19	AV	191.00	150	Vertical	Pass
4	5203.500	91.77	-0.94	--	224.23	Peak	316.00	150	Vertical	N/A
4**	5203.500	83.33	-0.94	--	-83.33	AV	316.00	150	Vertical	N/A
5	7743.000	55.83	3.42	74.0	18.17	Peak	346.00	150	Vertical	Pass
5**	7743.000	45.39	3.42	54.0	8.61	AV	346.00	150	Vertical	Pass
6	15480.263	51.65	0.75	74.0	22.35	Peak	86.00	150	Vertical	Pass
6**	15480.263	41.13	0.75	54.0	12.87	AV	86.00	150	Vertical	Pass

11ax20 (SU), 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	1063.250	50.28	-15.58	74.0	23.72	Peak	248.00	150	Horizontal	Pass
1**	1063.250	41.73	-15.58	54.0	12.27	AV	248.00	150	Horizontal	Pass
2	1685.750	47.52	-15.47	74.0	26.48	Peak	322.00	150	Horizontal	Pass
2**	1685.750	31.76	-15.47	54.0	22.24	AV	322.00	150	Horizontal	Pass
3	4310.500	50.35	-2.73	74.0	23.65	Peak	296.00	150	Horizontal	Pass
3**	4310.500	38.77	-2.73	54.0	15.23	AV	296.00	150	Horizontal	Pass
4	5208.000	110.04	-0.87	--	134.96	Peak	245.00	150	Horizontal	N/A
4**	5208.000	100.57	-0.87	--	-100.57	AV	245.00	150	Horizontal	N/A
5	11374.875	50.08	-1.63	74.0	23.92	Peak	64.00	150	Horizontal	Pass
5**	11374.875	38.07	-1.63	54.0	15.93	AV	64.00	150	Horizontal	Pass
6	15607.050	51.30	0.80	74.0	22.70	Peak	190.00	150	Horizontal	Pass
6**	15607.050	40.33	0.80	54.0	13.67	AV	190.00	150	Horizontal	Pass

11ax20 (SU), 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	1063.750	47.64	-15.57	74.0	26.36	Peak	222.00	150	Vertical	Pass
1**	1063.750	36.73	-15.57	54.0	17.27	AV	222.00	150	Vertical	Pass
2	1327.250	47.03	-15.50	74.0	26.97	Peak	187.00	150	Vertical	Pass
2**	1327.250	34.73	-15.50	54.0	19.27	AV	187.00	150	Vertical	Pass
3	3934.000	49.41	-2.82	74.0	24.59	Peak	0.00	150	Vertical	Pass
3**	3934.000	37.91	-2.82	54.0	16.09	AV	0.00	150	Vertical	Pass
4	5207.500	102.41	-0.86	--	217.59	Peak	320.00	150	Vertical	N/A
4**	5207.500	91.30	-0.86	--	-91.30	AV	320.00	150	Vertical	N/A
5	11040.000	49.82	-1.24	74.0	24.18	Peak	360.00	150	Vertical	Pass
5**	11040.000	38.71	-1.24	54.0	15.29	AV	360.00	150	Vertical	Pass
6	15711.787	52.05	1.41	74.0	21.95	Peak	16.00	150	Vertical	Pass
6**	15711.787	42.14	1.41	54.0	11.86	AV	16.00	150	Vertical	Pass

11ax40 (SU), 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	1063.750	50.29	-15.57	74.0	23.71	Peak	245.00	150	Horizontal	Pass
1**	1063.750	40.71	-15.57	54.0	13.29	AV	245.00	150	Horizontal	Pass
2	1684.250	48.13	-15.48	74.0	25.87	Peak	320.00	150	Horizontal	Pass
2**	1684.250	32.62	-15.48	54.0	21.38	AV	320.00	150	Horizontal	Pass
3	3842.500	48.61	-4.54	74.0	25.39	Peak	0.00	150	Horizontal	Pass
3**	3842.500	37.61	-4.54	54.0	16.39	AV	0.00	150	Horizontal	Pass
4	5189.000	105.59	-1.01	--	146.41	Peak	252.00	150	Horizontal	N/A
4**	5189.000	96.87	-1.01	--	-96.87	AV	252.00	150	Horizontal	N/A
5	7696.000	55.39	3.61	74.0	18.61	Peak	252.00	150	Horizontal	Pass
5**	7696.000	44.72	3.61	54.0	9.28	AV	252.00	150	Horizontal	Pass
6	15719.137	51.79	1.32	74.0	22.21	Peak	295.00	150	Horizontal	Pass
6**	15719.137	41.26	1.32	54.0	12.74	AV	295.00	150	Horizontal	Pass

11ax40 (SU), 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	1062.000	48.94	-15.58	74.0	25.06	Peak	216.00	150	Vertical	Pass
1**	1062.000	38.46	-15.58	54.0	15.54	AV	216.00	150	Vertical	Pass
2	1327.250	47.84	-15.50	74.0	26.16	Peak	200.00	150	Vertical	Pass
2**	1327.250	35.46	-15.50	54.0	18.54	AV	200.00	150	Vertical	Pass
3	3909.500	48.85	-3.49	74.0	25.15	Peak	223.00	150	Vertical	Pass
3**	3909.500	37.49	-3.49	54.0	16.51	AV	223.00	150	Vertical	Pass
4	5187.500	99.28	-1.00	--	228.72	Peak	328.00	150	Vertical	N/A
4**	5187.500	88.24	-1.00	--	-88.24	AV	328.00	150	Vertical	N/A
5	11971.000	50.42	-1.09	74.0	23.58	Peak	360.00	150	Vertical	Pass
5**	11971.000	39.13	-1.09	54.0	14.87	AV	360.00	150	Vertical	Pass
6	15713.625	51.45	1.20	74.0	22.55	Peak	354.00	150	Vertical	Pass
6**	15713.625	41.65	1.20	54.0	12.35	AV	354.00	150	Vertical	Pass

11ax80 (SU), 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	1066.750	45.82	-15.59	74.0	28.18	Peak	230.00	150	Horizontal	Pass
1**	1066.750	34.67	-15.59	54.0	19.33	AV	230.00	150	Horizontal	Pass
2	1684.250	48.03	-15.48	74.0	25.97	Peak	321.00	150	Horizontal	Pass
2**	1684.250	32.35	-15.48	54.0	21.65	AV	321.00	150	Horizontal	Pass
3	3881.000	48.79	-3.75	74.0	25.21	Peak	13.00	150	Horizontal	Pass
3**	3881.000	37.69	-3.75	54.0	16.31	AV	13.00	150	Horizontal	Pass
4	5205.500	102.91	-0.87	--	150.09	Peak	253.00	150	Horizontal	N/A
4**	5205.500	93.23	-0.87	--	-93.23	AV	253.00	150	Horizontal	N/A
5	7718.000	56.07	3.15	74.0	17.93	Peak	0.00	150	Horizontal	Pass
5**	7718.000	44.55	3.15	54.0	9.45	AV	0.00	150	Horizontal	Pass
6	16057.238	52.07	1.84	74.0	21.93	Peak	119.00	150	Horizontal	Pass
6**	16057.238	41.03	1.84	54.0	12.97	AV	119.00	150	Horizontal	Pass

11ax80 (SU), 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	1063.250	48.75	-15.58	74.0	25.25	Peak	215.00	150	Vertical	Pass
1**	1063.250	40.49	-15.58	54.0	13.51	AV	215.00	150	Vertical	Pass
2	1333.000	48.76	-15.55	74.0	25.24	Peak	194.00	150	Vertical	Pass
2**	1333.000	38.69	-15.55	54.0	15.31	AV	194.00	150	Vertical	Pass
3	4277.000	49.10	-2.42	74.0	24.90	Peak	351.00	150	Vertical	Pass
3**	4277.000	38.61	-2.42	54.0	15.39	AV	351.00	150	Vertical	Pass
4	5212.000	93.67	-0.96	--	43.33	Peak	137.00	150	Vertical	N/A
4**	5212.000	84.38	-0.96	--	-84.38	AV	137.00	150	Vertical	N/A
5	12421.063	50.28	-0.53	74.0	23.72	Peak	182.00	150	Vertical	Pass
5**	12421.063	40.63	-0.53	54.0	13.37	AV	182.00	150	Vertical	Pass
6	15715.200	51.71	1.18	74.0	22.29	Peak	333.00	150	Vertical	Pass
6**	15715.200	41.99	1.18	54.0	12.01	AV	333.00	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	1063.000	47.69	-15.58	74.0	26.31	Peak	166.00	150	Horizontal	Pass
1**	1063.000	38.56	-15.58	54.0	15.44	AV	166.00	150	Horizontal	Pass
2	1684.750	47.71	-15.49	74.0	26.29	Peak	318.00	150	Horizontal	Pass
2**	1684.750	32.47	-15.49	54.0	21.53	AV	318.00	150	Horizontal	Pass
3	4660.500	50.77	-2.06	74.0	23.23	Peak	0.00	150	Horizontal	Pass
3**	4660.500	39.56	-2.06	54.0	14.44	AV	0.00	150	Horizontal	Pass
4	5299.500	107.57	-0.54	--	157.43	Peak	265.00	150	Horizontal	N/A
4**	5299.500	100.44	-0.54	--	-100.44	AV	265.00	150	Horizontal	N/A
5	11429.026	49.93	-1.25	74.0	24.07	Peak	1.00	150	Horizontal	Pass
5**	11429.026	39.01	-1.25	54.0	14.99	AV	1.00	150	Horizontal	Pass
6	15697.875	52.05	1.03	74.0	21.95	Peak	15.00	150	Horizontal	Pass
6**	15697.875	41.29	1.03	54.0	12.71	AV	15.00	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	1063.000	48.06	-15.58	74.0	25.94	Peak	212.00	150	Vertical	Pass
1**	1063.000	39.96	-15.58	54.0	14.04	AV	212.00	150	Vertical	Pass
2	1327.750	47.12	-15.50	74.0	26.88	Peak	203.00	150	Vertical	Pass
2**	1327.750	37.23	-15.50	54.0	16.77	AV	203.00	150	Vertical	Pass
3	4618.500	50.57	-1.86	74.0	23.43	Peak	119.00	150	Vertical	Pass
3**	4618.500	40.21	-1.86	54.0	13.79	AV	119.00	150	Vertical	Pass
4	5298.000	99.80	-0.54	--	39.20	Peak	139.00	150	Vertical	N/A
4**	5298.000	91.95	-0.54	--	-91.95	AV	139.00	150	Vertical	N/A
5	7631.000	55.72	2.99	74.0	18.28	Peak	202.00	150	Vertical	Pass
5**	7631.000	44.60	2.99	54.0	9.40	AV	202.00	150	Vertical	Pass
6	15720.450	51.87	1.39	74.0	22.13	Peak	120.00	150	Vertical	Pass
6**	15720.450	41.83	1.39	54.0	12.17	AV	120.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.000	48.06	-15.57	74.0	25.94	Peak	240.00	150	Horizontal	Pass
1**	1065.000	39.62	-15.57	54.0	14.38	AV	240.00	150	Horizontal	Pass
2	1685.500	47.76	-15.48	74.0	26.24	Peak	320.00	150	Horizontal	Pass
2**	1685.500	31.51	-15.48	54.0	22.49	AV	320.00	150	Horizontal	Pass
3	2761.500	45.13	-8.50	74.0	28.87	Peak	219.00	150	Horizontal	Pass
3**	2761.500	33.81	-8.50	54.0	20.19	AV	219.00	150	Horizontal	Pass
4	3884.500	48.28	-3.85	74.0	25.72	Peak	54.00	150	Horizontal	Pass
4**	3884.500	37.43	-3.85	54.0	16.57	AV	54.00	150	Horizontal	Pass
5	5298.500	108.00	-0.53	--	148.00	Peak	256.00	150	Horizontal	N/A
5**	5298.500	99.85	-0.53	--	-99.85	AV	256.00	150	Horizontal	N/A
6	12486.612	50.12	0.14	74.0	23.88	Peak	0.00	150	Horizontal	Pass
6**	12486.612	39.91	0.14	54.0	14.09	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.500	50.32	-15.56	74.0	23.68	Peak	219.00	150	Vertical	Pass
1**	1064.500	39.77	-15.56	54.0	14.23	AV	219.00	150	Vertical	Pass
2	1327.500	46.63	-15.50	74.0	27.37	Peak	194.00	150	Vertical	Pass
2**	1327.500	36.47	-15.50	54.0	17.53	AV	194.00	150	Vertical	Pass
3	3962.000	48.72	-3.24	74.0	25.28	Peak	86.00	150	Vertical	Pass
3**	3962.000	37.37	-3.24	54.0	16.63	AV	86.00	150	Vertical	Pass
4	5299.500	100.56	-0.54	--	245.44	Peak	346.00	150	Vertical	N/A
4**	5299.500	92.54	-0.54	--	-92.54	AV	346.00	150	Vertical	N/A
5	11432.825	50.52	-1.22	74.0	23.48	Peak	15.00	150	Vertical	Pass
5**	11432.825	38.80	-1.22	54.0	15.20	AV	15.00	150	Vertical	Pass
6	15720.188	51.71	1.39	74.0	22.29	Peak	227.00	150	Vertical	Pass
6**	15720.188	42.08	1.39	54.0	11.92	AV	227.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.000	46.96	-15.57	74.0	27.04	Peak	157.00	150	Horizontal	Pass
1**	1065.000	38.48	-15.57	54.0	15.52	AV	157.00	150	Horizontal	Pass
2	1684.250	47.76	-15.48	74.0	26.24	Peak	319.00	150	Horizontal	Pass
2**	1684.250	32.36	-15.48	54.0	21.64	AV	319.00	150	Horizontal	Pass
3	4227.500	50.46	-3.01	74.0	23.54	Peak	160.00	150	Horizontal	Pass
3**	4227.500	38.40	-3.01	54.0	15.60	AV	160.00	150	Horizontal	Pass
4	5273.500	104.75	-0.85	--	138.25	Peak	243.00	150	Horizontal	N/A
4**	5273.500	97.01	-0.85	--	-97.01	AV	243.00	150	Horizontal	N/A
5	7299.500	55.85	2.79	74.0	18.15	Peak	0.00	150	Horizontal	Pass
5**	7299.500	44.73	2.79	54.0	9.27	AV	0.00	150	Horizontal	Pass
6	12489.224	50.55	0.05	74.0	23.45	Peak	3.00	150	Horizontal	Pass
6**	12489.224	40.27	0.05	54.0	13.73	AV	3.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.750	50.74	-15.57	74.0	23.26	Peak	219.00	150	Vertical	Pass
1**	1061.750	38.33	-15.57	54.0	15.67	AV	219.00	150	Vertical	Pass
2	1327.000	47.10	-15.50	74.0	26.90	Peak	199.00	150	Vertical	Pass
2**	1327.000	32.57	-15.50	54.0	21.43	AV	199.00	150	Vertical	Pass
3	4629.500	51.58	-1.52	74.0	22.42	Peak	13.00	150	Vertical	Pass
3**	4629.500	40.25	-1.52	54.0	13.75	AV	13.00	150	Vertical	Pass
4	5268.000	95.93	-0.84	--	54.07	Peak	150.00	150	Vertical	N/A
4**	5268.000	88.24	-0.84	--	-88.24	AV	150.00	150	Vertical	N/A
5	12634.100	51.13	-0.38	74.0	22.87	Peak	230.00	150	Vertical	Pass
5**	12634.100	39.77	-0.38	54.0	14.23	AV	230.00	150	Vertical	Pass
6	16097.925	52.40	1.85	74.0	21.60	Peak	301.00	150	Vertical	Pass
6**	16097.925	41.13	1.85	54.0	12.87	AV	301.00	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	1066.250	47.62	-15.57	74.0	26.38	Peak	239.00	150	Horizontal	Pass
1**	1066.250	39.04	-15.57	54.0	14.96	AV	239.00	150	Horizontal	Pass
2	1685.250	47.90	-15.48	74.0	26.10	Peak	317.00	150	Horizontal	Pass
2**	1685.250	32.27	-15.48	54.0	21.73	AV	317.00	150	Horizontal	Pass
3	4206.000	48.96	-2.25	74.0	25.04	Peak	173.00	150	Horizontal	Pass
3**	4206.000	38.40	-2.25	54.0	15.60	AV	173.00	150	Horizontal	Pass
4	5291.500	101.40	-0.52	--	154.60	Peak	256.00	150	Horizontal	N/A
4**	5291.500	93.27	-0.52	--	-93.27	AV	256.00	150	Horizontal	N/A
5	7283.500	55.55	2.49	74.0	18.45	Peak	267.00	150	Horizontal	Pass
5**	7283.500	44.21	2.49	54.0	9.79	AV	267.00	150	Horizontal	Pass
6	16053.826	52.06	1.74	74.0	21.94	Peak	0.00	150	Horizontal	Pass
6**	16053.826	40.95	1.74	54.0	13.05	AV	0.00	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	1062.750	50.16	-15.58	74.0	23.84	Peak	223.00	150	Vertical	Pass
1**	1062.750	41.72	-15.58	54.0	12.28	AV	223.00	150	Vertical	Pass
2	1327.500	46.89	-15.50	74.0	27.11	Peak	197.00	150	Vertical	Pass
2**	1327.500	36.22	-15.50	54.0	17.78	AV	197.00	150	Vertical	Pass
3	4611.500	50.57	-2.35	74.0	23.43	Peak	74.00	150	Vertical	Pass
3**	4611.500	39.74	-2.35	54.0	14.26	AV	74.00	150	Vertical	Pass
4	5292.000	92.56	-0.51	--	43.44	Peak	136.00	150	Vertical	N/A
4**	5292.000	85.75	-0.51	--	-85.75	AV	136.00	150	Vertical	N/A
5	11708.800	49.64	-1.31	74.0	24.36	Peak	209.00	150	Vertical	Pass
5**	11708.800	39.12	-1.31	54.0	14.88	AV	209.00	150	Vertical	Pass
6	15684.487	51.70	0.78	74.0	22.30	Peak	360.00	150	Vertical	Pass
6**	15684.487	40.96	0.78	54.0	13.04	AV	360.00	150	Vertical	Pass

11x20 (SU), 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	1066.500	46.62	-15.58	74.0	27.38	Peak	249.00	150	Horizontal	Pass
1**	1066.500	36.30	-15.58	54.0	17.70	AV	249.00	150	Horizontal	Pass
2	1685.750	47.31	-15.47	74.0	26.69	Peak	316.00	150	Horizontal	Pass
2**	1685.750	31.75	-15.47	54.0	22.25	AV	316.00	150	Horizontal	Pass
3	2848.000	45.37	-7.55	74.0	28.63	Peak	174.00	150	Horizontal	Pass
3**	2848.000	34.40	-7.55	54.0	19.60	AV	174.00	150	Horizontal	Pass
4	4614.500	50.39	-2.13	74.0	23.61	Peak	316.00	150	Horizontal	Pass
4**	4614.500	40.16	-2.13	54.0	13.84	AV	316.00	150	Horizontal	Pass
5	5303.000	108.09	-0.57	--	133.91	Peak	242.00	150	Horizontal	N/A
5**	5303.000	98.93	-0.57	--	-98.93	AV	242.00	150	Horizontal	N/A
6	15699.713	51.92	1.27	74.0	22.08	Peak	169.00	150	Horizontal	Pass
6**	15699.713	41.56	1.27	54.0	12.44	AV	169.00	150	Horizontal	Pass

11x20 (SU), 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	1064.500	49.16	-15.56	74.0	24.84	Peak	214.00	150	Vertical	Pass
1**	1064.500	41.07	-15.56	54.0	12.93	AV	214.00	150	Vertical	Pass
2	1328.250	47.00	-15.50	74.0	27.00	Peak	151.00	150	Vertical	Pass
2**	1328.250	38.08	-15.50	54.0	15.92	AV	151.00	150	Vertical	Pass
3	3964.500	48.61	-3.22	74.0	25.39	Peak	338.00	150	Vertical	Pass
3**	3964.500	37.87	-3.22	54.0	16.13	AV	338.00	150	Vertical	Pass
4	5303.000	99.33	-0.57	--	39.67	Peak	139.00	150	Vertical	N/A
4**	5303.000	90.06	-0.57	--	-90.06	AV	139.00	150	Vertical	N/A
5	12490.412	50.86	0.11	74.0	23.14	Peak	359.00	150	Vertical	Pass
5**	12490.412	40.73	0.11	54.0	13.27	AV	359.00	150	Vertical	Pass
6	15940.950	51.89	1.56	74.0	22.11	Peak	205.00	150	Vertical	Pass
6**	15940.950	41.41	1.56	54.0	12.59	AV	205.00	150	Vertical	Pass

11ax40 (SU), 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	1026.250	44.84	-15.93	74.0	29.16	Peak	251.00	150	Horizontal	Pass
1**	1026.250	29.68	-15.93	54.0	24.32	AV	251.00	150	Horizontal	Pass
2	1683.000	47.43	-15.47	74.0	26.57	Peak	320.00	150	Horizontal	Pass
2**	1683.000	31.55	-15.47	54.0	22.45	AV	320.00	150	Horizontal	Pass
3	4363.500	49.58	-2.67	74.0	24.42	Peak	360.00	150	Horizontal	Pass
3**	4363.500	38.40	-2.67	54.0	15.60	AV	360.00	150	Horizontal	Pass
4	5275.000	106.25	-0.86	--	135.75	Peak	242.00	150	Horizontal	N/A
4**	5275.000	97.31	-0.86	--	-97.31	AV	242.00	150	Horizontal	N/A
5	9042.625	48.83	-2.22	74.0	25.17	Peak	178.00	150	Horizontal	Pass
5**	9042.625	38.22	-2.22	54.0	15.78	AV	178.00	150	Horizontal	Pass
6	15936.224	51.90	1.54	74.0	22.10	Peak	64.00	150	Horizontal	Pass
6**	15936.224	41.51	1.54	54.0	12.49	AV	64.00	150	Horizontal	Pass

11ax40 (SU), 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	1061.750	47.94	-15.57	74.0	26.06	Peak	211.00	150	Vertical	Pass
1**	1061.750	36.11	-15.57	54.0	17.89	AV	211.00	150	Vertical	Pass
2	1328.750	46.99	-15.50	74.0	27.01	Peak	197.00	150	Vertical	Pass
2**	1328.750	37.54	-15.50	54.0	16.46	AV	197.00	150	Vertical	Pass
3	4630.500	50.85	-1.55	74.0	23.15	Peak	167.00	150	Vertical	Pass
3**	4630.500	40.30	-1.55	54.0	13.70	AV	167.00	150	Vertical	Pass
4	5273.500	97.81	-0.85	--	240.19	Peak	338.00	150	Vertical	N/A
4**	5273.500	89.30	-0.85	--	-89.30	AV	338.00	150	Vertical	N/A
5	12386.150	50.57	-0.82	74.0	23.43	Peak	273.00	150	Vertical	Pass
5**	12386.150	39.78	-0.82	54.0	14.22	AV	273.00	150	Vertical	Pass
6	15669.787	51.73	1.75	74.0	22.27	Peak	5.00	150	Vertical	Pass
6**	15669.787	41.83	1.75	54.0	12.17	AV	5.00	150	Vertical	Pass

11ax80 (SU), 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	1066.000	52.96	-15.57	74.0	21.04	Peak	200.00	150	Horizontal	Pass
1**	1066.000	44.16	-15.57	54.0	9.84	AV	200.00	150	Horizontal	Pass
2	1684.750	47.15	-15.49	74.0	26.85	Peak	117.00	150	Horizontal	Pass
2**	1684.750	31.05	-15.49	54.0	22.95	AV	117.00	150	Horizontal	Pass
3	3878.500	48.78	-3.79	74.0	25.22	Peak	157.00	150	Horizontal	Pass
3**	3878.500	37.85	-3.79	54.0	16.15	AV	157.00	150	Horizontal	Pass
4	5287.000	106.39	-0.63	--	-86.39	Peak	20.00	150	Horizontal	N/A
4**	5287.000	97.27	-0.63	--	-97.27	AV	20.00	150	Horizontal	N/A
5	9056.638	48.30	-2.43	74.0	25.70	Peak	346.00	150	Horizontal	Pass
5**	9056.638	38.57	-2.43	54.0	15.43	AV	346.00	150	Horizontal	Pass
6	15869.287	51.41	1.22	74.0	22.59	Peak	308.00	150	Horizontal	Pass
6**	15869.287	40.89	1.22	54.0	13.11	AV	308.00	150	Horizontal	Pass

11ax80 (SU), 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	1062.750	49.87	-15.58	74.0	24.13	Peak	335.00	150	Vertical	Pass
1**	1062.750	41.12	-15.58	54.0	12.88	AV	335.00	150	Vertical	Pass
2	1332.750	43.73	-15.55	74.0	30.27	Peak	273.00	150	Vertical	Pass
2**	1332.750	34.06	-15.55	54.0	19.94	AV	273.00	150	Vertical	Pass
3	4302.000	49.11	-2.77	74.0	24.89	Peak	1.00	150	Vertical	Pass
3**	4302.000	38.63	-2.77	54.0	15.37	AV	1.00	150	Vertical	Pass
4	5287.500	98.59	-0.62	--	16.41	Peak	115.00	150	Vertical	N/A
4**	5287.500	89.33	-0.62	--	-89.33	AV	115.00	150	Vertical	N/A
5	7299.000	56.58	2.78	74.0	17.42	Peak	8.00	150	Vertical	Pass
5**	7299.000	44.58	2.78	54.0	9.42	AV	8.00	150	Vertical	Pass
6	12498.250	50.53	0.13	74.0	23.47	Peak	29.00	150	Vertical	Pass
6**	12498.250	40.71	0.13	54.0	13.29	AV	29.00	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	1066.000	50.81	-15.57	74.0	23.19	Peak	239.00	150	Horizontal	Pass
1**	1066.000	42.23	-15.57	54.0	11.77	AV	239.00	150	Horizontal	Pass
2	1682.000	47.37	-15.46	74.0	26.63	Peak	111.00	150	Horizontal	Pass
2**	1682.000	31.34	-15.46	54.0	23.26	AV	111.00	150	Horizontal	Pass
3	4625.500	50.84	-1.59	74.0	23.16	Peak	117.00	150	Horizontal	Pass
3**	4625.500	40.39	-1.59	54.0	13.61	AV	117.00	150	Horizontal	Pass
4	5582.500	109.70	-0.68	--	133.30	Peak	243.00	150	Horizontal	N/A
4**	5582.500	102.57	-0.68	--	-102.57	AV	243.00	150	Horizontal	N/A
5	11118.850	49.39	-1.55	74.0	24.61	Peak	178.00	150	Horizontal	Pass
5**	11118.850	38.67	-1.55	54.0	15.33	AV	178.00	150	Horizontal	Pass
6	15711.000	51.57	1.36	74.0	22.43	Peak	133.00	150	Horizontal	Pass
6**	15711.000	41.61	1.36	54.0	12.39	AV	133.00	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	1063.750	49.41	-15.57	74.0	24.59	Peak	254.00	150	Vertical	Pass
1**	1063.750	41.42	-15.57	54.0	12.58	AV	254.00	150	Vertical	Pass
2	1332.750	44.60	-15.55	74.0	29.40	Peak	168.00	150	Vertical	Pass
2**	1332.750	34.71	-15.55	54.0	19.29	AV	168.00	150	Vertical	Pass
3	3918.500	48.46	-3.16	74.0	25.54	Peak	295.00	150	Vertical	Pass
3**	3918.500	37.60	-3.16	54.0	16.40	AV	295.00	150	Vertical	Pass
4	5578.000	101.57	-0.75	--	35.43	Peak	137.00	150	Vertical	N/A
4**	5578.000	93.24	-0.75	--	-93.24	AV	137.00	150	Vertical	N/A
5	7636.500	55.66	2.94	74.0	18.34	Peak	95.00	150	Vertical	Pass
5**	7636.500	44.72	2.94	54.0	9.28	AV	95.00	150	Vertical	Pass
6	12497.299	50.13	0.22	74.0	23.87	Peak	77.00	150	Vertical	Pass
6**	12497.299	40.66	0.22	54.0	13.34	AV	77.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.750	54.64	-15.57	74.0	19.36	Peak	245.00	150	Horizontal	Pass
1**	1065.750	46.05	-15.57	54.0	7.95	AV	245.00	150	Horizontal	Pass
2	1678.750	46.81	-15.41	74.0	27.19	Peak	114.00	150	Horizontal	Pass
2**	1678.750	31.35	-15.41	54.0	23.25	AV	114.00	150	Horizontal	Pass
3	3936.000	49.00	-3.01	74.0	25.00	Peak	360.00	150	Horizontal	Pass
3**	3936.000	37.94	-3.01	54.0	16.06	AV	360.00	150	Horizontal	Pass
4	5578.000	109.74	-0.75	--	168.26	Peak	278.00	150	Horizontal	N/A
4**	5578.000	101.61	-0.75	--	-101.61	AV	278.00	150	Horizontal	N/A
5	12601.326	50.89	-0.21	74.0	23.11	Peak	101.00	150	Horizontal	Pass
5**	12601.326	39.35	-0.21	54.0	14.65	AV	101.00	150	Horizontal	Pass
6	15673.987	52.34	1.79	74.0	21.66	Peak	133.00	150	Horizontal	Pass
6**	15673.987	41.82	1.79	54.0	12.18	AV	133.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.750	49.95	-15.58	74.0	24.05	Peak	166.00	150	Vertical	Pass
1**	1062.750	40.85	-15.58	54.0	13.15	AV	166.00	150	Vertical	Pass
2	1332.500	44.64	-15.55	74.0	29.36	Peak	211.00	150	Vertical	Pass
2**	1332.500	35.65	-15.55	54.0	18.35	AV	211.00	150	Vertical	Pass
3	4197.500	49.88	-2.52	74.0	24.12	Peak	316.00	150	Vertical	Pass
3**	4197.500	38.12	-2.52	54.0	15.88	AV	316.00	150	Vertical	Pass
4	5581.500	103.04	-0.71	--	-83.04	Peak	20.00	150	Vertical	N/A
4**	5581.500	95.16	-0.71	--	-95.16	AV	20.00	150	Vertical	N/A
5	7748.500	55.82	3.59	74.0	18.18	Peak	180.00	150	Vertical	Pass
5**	7748.500	45.35	3.59	54.0	8.65	AV	180.00	150	Vertical	Pass
6	15727.799	52.11	1.10	74.0	21.89	Peak	204.00	150	Vertical	Pass
6**	15727.799	41.23	1.10	54.0	12.77	AV	204.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.250	51.93	-15.58	74.0	22.07	Peak	255.00	150	Horizontal	Pass
1**	1062.250	42.29	-15.58	54.0	11.71	AV	255.00	150	Horizontal	Pass
2	1678.250	46.96	-15.42	74.0	27.04	Peak	115.00	150	Horizontal	Pass
2**	1678.250	31.93	-15.42	54.0	22.07	AV	115.00	150	Horizontal	Pass
3	4014.500	48.70	-3.38	74.0	25.30	Peak	64.00	150	Horizontal	Pass
3**	4014.500	37.53	-3.38	54.0	16.47	AV	64.00	150	Horizontal	Pass
4	5591.500	108.56	-0.60	--	144.44	Peak	253.00	150	Horizontal	N/A
4**	5591.500	100.35	-0.60	--	-100.35	AV	253.00	150	Horizontal	N/A
5	7738.000	55.31	3.36	74.0	18.69	Peak	306.00	150	Horizontal	Pass
5**	7738.000	44.98	3.36	54.0	9.02	AV	306.00	150	Horizontal	Pass
6	12486.612	50.20	0.14	74.0	23.80	Peak	326.00	150	Horizontal	Pass
6**	12486.612	39.83	0.14	54.0	14.17	AV	326.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.500	49.99	-15.59	74.0	24.01	Peak	248.00	150	Vertical	Pass
1**	1062.500	41.75	-15.59	54.0	12.25	AV	248.00	150	Vertical	Pass
2	1333.000	43.84	-15.55	74.0	30.16	Peak	338.00	150	Vertical	Pass
2**	1333.000	34.01	-15.55	54.0	19.99	AV	338.00	150	Vertical	Pass
3	4633.500	50.96	-1.65	74.0	23.04	Peak	355.00	150	Vertical	Pass
3**	4633.500	40.26	-1.65	54.0	13.74	AV	355.00	150	Vertical	Pass
4	5588.500	99.57	-0.57	--	37.43	Peak	137.00	150	Vertical	N/A
4**	5588.500	91.82	-0.57	--	-91.82	AV	137.00	150	Vertical	N/A
5	12075.500	50.03	-1.35	74.0	23.97	Peak	3.00	150	Vertical	Pass
5**	12075.500	38.97	-1.35	54.0	15.03	AV	3.00	150	Vertical	Pass
6	15715.200	51.76	1.18	74.0	22.24	Peak	360.00	150	Vertical	Pass
6**	15715.200	41.98	1.18	54.0	12.02	AV	360.00	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	1062.000	54.41	-15.58	74.0	19.59	Peak	203.00	150	Horizontal	Pass
1**	1062.000	44.57	-15.58	54.0	9.43	AV	203.00	150	Horizontal	Pass
2	1680.500	47.77	-15.46	74.0	26.23	Peak	117.00	150	Horizontal	Pass
2**	1680.500	31.15	-15.46	54.0	22.85	AV	117.00	150	Horizontal	Pass
3	3941.500	48.55	-3.46	74.0	25.45	Peak	211.00	150	Horizontal	Pass
3**	3941.500	37.57	-3.46	54.0	16.43	AV	211.00	150	Horizontal	Pass
4	5532.500	103.41	-0.64	--	149.59	Peak	253.00	150	Horizontal	N/A
4**	5532.500	95.75	-0.64	--	-95.75	AV	253.00	150	Horizontal	N/A
5	7702.000	55.67	3.82	74.0	18.33	Peak	115.00	150	Horizontal	Pass
5**	7702.000	44.73	3.82	54.0	9.27	AV	115.00	150	Horizontal	Pass
6	15625.162	51.82	1.47	74.0	22.18	Peak	120.00	150	Horizontal	Pass
6**	15625.162	41.58	1.47	54.0	12.42	AV	120.00	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	1061.750	49.61	-15.57	74.0	24.39	Peak	223.00	150	Vertical	Pass
1**	1061.750	37.58	-15.57	54.0	16.42	AV	223.00	150	Vertical	Pass
2	1333.250	45.20	-15.55	74.0	28.80	Peak	187.00	150	Vertical	Pass
2**	1333.250	34.87	-15.55	54.0	19.13	AV	187.00	150	Vertical	Pass
3	3928.000	49.08	-2.58	74.0	24.92	Peak	233.00	150	Vertical	Pass
3**	3928.000	37.55	-2.58	54.0	16.45	AV	233.00	150	Vertical	Pass
4	5543.000	93.89	-0.70	--	241.11	Peak	335.00	150	Vertical	N/A
4**	5543.000	85.72	-0.70	--	-85.72	AV	335.00	150	Vertical	N/A
5	11057.338	49.77	-1.32	74.0	24.23	Peak	13.00	150	Vertical	Pass
5**	11057.338	38.83	-1.32	54.0	15.17	AV	13.00	150	Vertical	Pass
6	15712.838	52.37	1.34	74.0	21.63	Peak	329.00	150	Vertical	Pass
6**	15712.838	41.22	1.34	54.0	12.78	AV	329.00	150	Vertical	Pass

11ax20 (SU), 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	1066.500	53.16	-15.58	74.0	20.84	Peak	243.00	150	Horizontal	Pass
1**	1066.500	44.08	-15.58	54.0	9.92	AV	243.00	150	Horizontal	Pass
2	1683.000	47.45	-15.47	74.0	26.55	Peak	114.00	150	Horizontal	Pass
2**	1683.000	31.51	-15.47	54.0	22.49	AV	114.00	150	Horizontal	Pass
3	5092.000	52.20	-0.80	74.0	21.80	Peak	87.00	150	Horizontal	Pass
3**	5092.000	41.20	-0.80	54.0	12.80	AV	87.00	150	Horizontal	Pass
4	5582.000	109.68	-0.70	--	135.32	Peak	245.00	150	Horizontal	N/A
4**	5582.000	102.04	-0.70	--	-102.04	AV	245.00	150	Horizontal	N/A
5	7407.500	55.30	2.40	74.0	18.70	Peak	172.00	150	Horizontal	Pass
5**	7407.500	44.32	2.40	54.0	9.68	AV	172.00	150	Horizontal	Pass
6	12489.938	51.02	0.09	74.0	22.98	Peak	360.00	150	Horizontal	Pass
6**	12489.938	40.22	0.09	54.0	13.78	AV	360.00	150	Horizontal	Pass

11ax20 (SU), 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	1061.750	49.71	-15.57	74.0	24.29	Peak	216.00	150	Vertical	Pass
1**	1061.750	37.58	-15.57	54.0	16.42	AV	216.00	150	Vertical	Pass
2	1327.500	46.91	-15.50	74.0	27.09	Peak	190.00	150	Vertical	Pass
2**	1327.500	36.48	-15.50	54.0	17.52	AV	190.00	150	Vertical	Pass
3	3838.000	48.91	-4.43	74.0	25.09	Peak	193.00	150	Vertical	Pass
3**	3838.000	37.23	-4.43	54.0	16.77	AV	193.00	150	Vertical	Pass
4	5581.000	101.37	-0.71	--	39.63	Peak	141.00	150	Vertical	N/A
4**	5581.000	92.90	-0.71	--	-92.90	AV	141.00	150	Vertical	N/A
5	12497.299	52.06	0.22	74.0	21.94	Peak	280.00	150	Vertical	Pass
5**	12497.299	40.29	0.22	54.0	13.71	AV	280.00	150	Vertical	Pass
6	15927.562	52.42	1.02	74.0	21.58	Peak	355.00	150	Vertical	Pass
6**	15927.562	40.43	1.02	54.0	13.57	AV	355.00	150	Vertical	Pass

11ax40 (SU), 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	1063.500	55.77	-15.58	74.0	18.23	Peak	246.00	150	Horizontal	Pass
1**	1063.500	47.44	-15.58	54.0	6.56	AV	246.00	150	Horizontal	Pass
2	1675.750	47.99	-15.43	74.0	26.01	Peak	53.00	150	Horizontal	Pass
2**	1675.750	30.90	-15.43	54.0	23.10	AV	53.00	150	Horizontal	Pass
3	3785.500	48.32	-5.01	74.0	25.68	Peak	346.00	150	Horizontal	Pass
3**	3785.500	37.02	-5.01	54.0	16.98	AV	346.00	150	Horizontal	Pass
4	5018.500	52.08	-0.90	74.0	21.92	Peak	33.00	150	Horizontal	Pass
4**	5018.500	40.70	-0.90	54.0	13.30	AV	33.00	150	Horizontal	Pass
5	5589.000	109.34	-0.58	--	144.66	Peak	254.00	150	Horizontal	N/A
5**	5589.000	100.51	-0.58	--	-100.51	AV	254.00	150	Horizontal	N/A
6	12260.037	50.41	-1.08	74.0	23.59	Peak	360.00	150	Horizontal	Pass
6**	12260.037	39.84	-1.08	54.0	14.16	AV	360.00	150	Horizontal	Pass

11ax40 (SU), 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	1065.000	49.52	-15.57	74.0	24.48	Peak	205.00	150	Vertical	Pass
1**	1065.000	41.54	-15.57	54.0	12.46	AV	205.00	150	Vertical	Pass
2	1330.000	47.13	-15.52	74.0	26.87	Peak	194.00	150	Vertical	Pass
2**	1330.000	34.29	-15.52	54.0	19.71	AV	194.00	150	Vertical	Pass
3	4912.000	51.46	-1.16	74.0	22.54	Peak	161.00	150	Vertical	Pass
3**	4912.000	40.15	-1.16	54.0	13.85	AV	161.00	150	Vertical	Pass
4	5588.000	100.40	-0.60	--	38.60	Peak	139.00	150	Vertical	N/A
4**	5588.000	90.53	-0.60	--	-90.53	AV	139.00	150	Vertical	N/A
5	7283.000	55.68	2.51	74.0	18.32	Peak	44.00	150	Vertical	Pass
5**	7283.000	44.32	2.51	54.0	9.68	AV	44.00	150	Vertical	Pass
6	12483.763	50.23	0.02	74.0	23.77	Peak	360.00	150	Vertical	Pass
6**	12483.763	39.86	0.02	54.0	14.14	AV	360.00	150	Vertical	Pass

11ax80 (SU), 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	1061.750	48.97	-15.57	74.0	25.03	Peak	148.00	150	Horizontal	Pass
1**	1061.750	36.77	-15.57	54.0	17.23	AV	148.00	150	Horizontal	Pass
2	1683.000	46.84	-15.47	74.0	27.16	Peak	112.00	150	Horizontal	Pass
2**	1683.000	31.93	-15.47	54.0	22.07	AV	112.00	150	Horizontal	Pass
3	3799.000	48.41	-4.22	74.0	25.59	Peak	129.00	150	Horizontal	Pass
3**	3799.000	37.36	-4.22	54.0	16.64	AV	129.00	150	Horizontal	Pass
4	5527.500	104.60	-0.62	--	137.40	Peak	242.00	150	Horizontal	N/A
4**	5527.500	95.57	-0.62	--	-95.57	AV	242.00	150	Horizontal	N/A
5	12492.787	50.75	0.15	74.0	23.25	Peak	0.00	150	Horizontal	Pass
5**	12492.787	40.40	0.15	54.0	13.60	AV	0.00	150	Horizontal	Pass
6	15613.088	51.87	1.05	74.0	22.13	Peak	29.00	150	Horizontal	Pass
6**	15613.088	41.62	1.05	54.0	12.38	AV	29.00	150	Horizontal	Pass

11ax80 (SU), 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	1065.500	52.64	-15.57	74.0	21.36	Peak	214.00	150	Vertical	Pass
1**	1065.500	44.90	-15.57	54.0	9.10	AV	214.00	150	Vertical	Pass
2	1332.000	46.19	-15.53	74.0	27.81	Peak	182.00	150	Vertical	Pass
2**	1332.000	35.61	-15.53	54.0	18.39	AV	182.00	150	Vertical	Pass
3	4607.000	50.36	-2.55	74.0	23.64	Peak	234.00	150	Vertical	Pass
3**	4607.000	39.63	-2.55	54.0	14.37	AV	234.00	150	Vertical	Pass
4	5549.000	94.63	-0.66	--	253.37	Peak	348.00	150	Vertical	N/A
4**	5549.000	83.93	-0.66	--	-83.93	AV	348.00	150	Vertical	N/A
5	11737.538	50.16	-1.21	74.0	23.84	Peak	359.00	150	Vertical	Pass
5**	11737.538	39.04	-1.21	54.0	14.96	AV	359.00	150	Vertical	Pass
6	15845.137	51.73	1.61	74.0	22.27	Peak	360.00	150	Vertical	Pass
6**	15845.137	41.61	1.61	54.0	12.39	AV	360.00	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	1062.250	54.01	-15.58	74.0	19.99	Peak	243.00	150	Horizontal	Pass
1**	1062.250	44.02	-15.58	54.0	9.98	AV	243.00	150	Horizontal	Pass
2	1681.250	46.69	-15.45	74.0	27.31	Peak	111.00	150	Horizontal	Pass
2**	1681.250	30.89	-15.45	54.0	23.11	AV	111.00	150	Horizontal	Pass
3	3915.500	49.11	-3.31	74.0	24.89	Peak	211.00	150	Horizontal	Pass
3**	3915.500	37.47	-3.31	54.0	16.53	AV	211.00	150	Horizontal	Pass
4	5786.500	110.41	0.39	--	143.59	Peak	254.00	150	Horizontal	N/A
4**	5786.500	103.13	0.39	--	-103.13	AV	254.00	150	Horizontal	N/A
5	7680.500	55.51	3.28	74.0	18.49	Peak	347.00	150	Horizontal	Pass
5**	7680.500	44.15	3.28	54.0	9.85	AV	347.00	150	Horizontal	Pass
6	12430.088	50.77	-0.64	74.0	23.23	Peak	53.00	150	Horizontal	Pass
6**	12430.088	39.33	-0.64	54.0	14.67	AV	53.00	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	1066.000	49.68	-15.57	74.0	24.32	Peak	31.00	150	Vertical	Pass
1**	1066.000	41.87	-15.57	54.0	12.13	AV	31.00	150	Vertical	Pass
2	1329.500	47.32	-15.51	74.0	26.68	Peak	196.00	150	Vertical	Pass
2**	1329.500	36.37	-15.51	54.0	17.63	AV	196.00	150	Vertical	Pass
3	4304.500	49.42	-2.69	74.0	24.58	Peak	203.00	150	Vertical	Pass
3**	4304.500	38.83	-2.69	54.0	15.17	AV	203.00	150	Vertical	Pass
4	5786.000	103.96	0.38	--	26.04	Peak	130.00	150	Vertical	N/A
4**	5786.000	95.79	0.38	--	-95.79	AV	130.00	150	Vertical	N/A
5	7423.500	55.68	2.55	74.0	18.32	Peak	15.00	150	Vertical	Pass
5**	7423.500	44.18	2.55	54.0	9.82	AV	15.00	150	Vertical	Pass
6	12493.737	50.39	0.14	74.0	23.61	Peak	357.00	150	Vertical	Pass
6**	12493.737	40.35	0.14	54.0	13.65	AV	357.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.750	51.96	-15.57	74.0	22.04	Peak	246.00	150	Horizontal	Pass
1**	1061.750	39.81	-15.57	54.0	14.19	AV	246.00	150	Horizontal	Pass
2	1678.750	46.94	-15.41	74.0	27.06	Peak	109.00	150	Horizontal	Pass
2**	1678.750	31.18	-15.41	54.0	22.82	AV	109.00	150	Horizontal	Pass
3	3879.000	48.75	-3.78	74.0	25.25	Peak	45.00	150	Horizontal	Pass
3**	3879.000	37.76	-3.78	54.0	16.24	AV	45.00	150	Horizontal	Pass
4	5783.000	110.88	0.32	--	134.12	Peak	245.00	150	Horizontal	N/A
4**	5783.000	102.17	0.32	--	-102.17	AV	245.00	150	Horizontal	N/A
5	7288.500	56.11	2.55	74.0	17.89	Peak	360.00	150	Horizontal	Pass
5**	7288.500	44.49	2.55	54.0	9.51	AV	360.00	150	Horizontal	Pass
6	12462.387	50.56	0.00	74.0	23.44	Peak	102.00	150	Horizontal	Pass
6**	12462.387	39.64	0.00	54.0	14.36	AV	102.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.750	52.69	-15.57	74.0	21.31	Peak	209.00	150	Vertical	Pass
1**	1065.750	44.66	-15.57	54.0	9.34	AV	209.00	150	Vertical	Pass
2	1327.250	46.44	-15.50	74.0	27.56	Peak	199.00	150	Vertical	Pass
2**	1327.250	33.11	-15.50	54.0	20.89	AV	199.00	150	Vertical	Pass
3	3928.000	48.52	-2.58	74.0	25.48	Peak	360.00	150	Vertical	Pass
3**	3928.000	37.46	-2.58	54.0	16.54	AV	360.00	150	Vertical	Pass
4	5786.500	104.53	0.39	--	22.47	Peak	127.00	150	Vertical	N/A
4**	5786.500	96.77	0.39	--	-96.77	AV	127.00	150	Vertical	N/A
5	12391.850	50.24	-0.94	74.0	23.76	Peak	105.00	150	Vertical	Pass
5**	12391.850	39.41	-0.94	54.0	14.59	AV	105.00	150	Vertical	Pass
6	17901.302	52.85	4.43	74.0	21.15	Peak	0.00	150	Vertical	Pass
6**	17901.302	42.41	4.43	54.0	11.59	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.000	52.94	-15.57	74.0	21.06	Peak	243.00	150	Horizontal	Pass
1**	1065.000	45.33	-15.57	54.0	8.67	AV	243.00	150	Horizontal	Pass
2	1681.750	46.95	-15.45	74.0	27.05	Peak	110.00	150	Horizontal	Pass
2**	1681.750	31.44	-15.45	54.0	22.56	AV	110.00	150	Horizontal	Pass
3	3934.000	48.31	-2.82	74.0	25.69	Peak	307.00	150	Horizontal	Pass
3**	3934.000	38.03	-2.82	54.0	15.97	AV	307.00	150	Horizontal	Pass
4	5752.000	107.87	-0.02	--	147.13	Peak	255.00	150	Horizontal	N/A
4**	5752.000	100.59	-0.02	--	-100.59	AV	255.00	150	Horizontal	N/A
5	11390.788	50.09	-1.47	74.0	23.91	Peak	359.00	150	Horizontal	Pass
5**	11390.788	39.38	-1.47	54.0	14.62	AV	359.00	150	Horizontal	Pass
6	15713.887	51.37	1.16	74.0	23.23	Peak	345.00	150	Horizontal	Pass
6**	15713.887	41.35	1.16	54.0	12.65	AV	345.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1066.000	52.45	-15.57	74.0	21.55	Peak	221.00	150	Vertical	Pass
1**	1066.000	44.86	-15.57	54.0	9.14	AV	221.00	150	Vertical	Pass
2	1333.000	45.53	-15.55	74.0	28.47	Peak	180.00	150	Vertical	Pass
2**	1333.000	35.56	-15.55	54.0	18.44	AV	180.00	150	Vertical	Pass
3	3870.500	48.25	-4.34	74.0	25.75	Peak	1.00	150	Vertical	Pass
3**	3870.500	38.05	-4.34	54.0	15.95	AV	1.00	150	Vertical	Pass
4	5093.500	52.03	-0.80	74.0	21.97	Peak	223.00	150	Vertical	Pass
4**	5093.500	41.11	-0.80	54.0	12.89	AV	223.00	150	Vertical	Pass
5	5753.500	100.95	0.01	--	6.05	Peak	107.00	150	Vertical	N/A
5**	5753.500	92.82	0.01	--	-92.82	AV	107.00	150	Vertical	N/A
6	12495.638	50.61	0.15	74.0	23.39	Peak	77.00	150	Vertical	Pass
6**	12495.638	40.18	0.15	54.0	13.82	AV	77.00	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	1062.000	53.50	-15.58	74.0	20.50	Peak	242.00	150	Horizontal	Pass
1**	1062.000	42.73	-15.58	54.0	11.27	AV	242.00	150	Horizontal	Pass
2	1681.750	47.22	-15.45	74.0	26.78	Peak	113.00	150	Horizontal	Pass
2**	1681.750	31.66	-15.45	54.0	22.34	AV	113.00	150	Horizontal	Pass
3	3880.500	48.84	-3.76	74.0	25.16	Peak	355.00	150	Horizontal	Pass
3**	3880.500	38.20	-3.76	54.0	15.80	AV	355.00	150	Horizontal	Pass
4	5773.000	105.39	0.43	--	146.61	Peak	252.00	150	Horizontal	N/A
4**	5773.000	97.19	0.43	--	-97.19	AV	252.00	150	Horizontal	N/A
5	12484.475	50.42	0.09	74.0	23.58	Peak	359.00	150	Horizontal	Pass
5**	12484.475	39.96	0.09	54.0	14.04	AV	359.00	150	Horizontal	Pass
6	16012.613	52.79	1.22	74.0	21.21	Peak	205.00	150	Horizontal	Pass
6**	16012.613	41.30	1.22	54.0	12.70	AV	205.00	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	1066.500	52.74	-15.58	74.0	21.26	Peak	218.00	150	Vertical	Pass
1**	1066.500	44.21	-15.58	54.0	9.79	AV	218.00	150	Vertical	Pass
2	1329.000	47.58	-15.51	74.0	26.42	Peak	176.00	150	Vertical	Pass
2**	1329.000	36.71	-15.51	54.0	17.29	AV	176.00	150	Vertical	Pass
3	4145.500	48.74	-3.51	74.0	25.26	Peak	105.00	150	Vertical	Pass
3**	4145.500	37.52	-3.51	54.0	16.48	AV	105.00	150	Vertical	Pass
4	5779.500	95.63	0.34	--	30.37	Peak	126.00	150	Vertical	N/A
4**	5779.500	87.52	0.34	--	-87.52	AV	126.00	150	Vertical	N/A
5	7637.500	56.08	2.92	74.0	17.92	Peak	231.00	150	Vertical	Pass
5**	7637.500	44.82	2.92	54.0	9.18	AV	231.00	150	Vertical	Pass
6	12262.887	50.52	-1.21	74.0	23.48	Peak	360.00	150	Vertical	Pass
6**	12262.887	39.49	-1.21	54.0	14.51	AV	360.00	150	Vertical	Pass

11ax20 (SU), 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	1061.500	52.27	-15.57	74.0	21.73	Peak	239.00	150	Horizontal	Pass
1**	1061.500	37.60	-15.57	54.0	16.40	AV	239.00	150	Horizontal	Pass
2	1683.000	47.25	-15.47	74.0	26.75	Peak	113.00	150	Horizontal	Pass
2**	1683.000	31.28	-15.47	54.0	22.72	AV	113.00	150	Horizontal	Pass
3	5057.000	51.44	-0.95	74.0	22.56	Peak	231.00	150	Horizontal	Pass
3**	5057.000	41.27	-0.95	54.0	12.73	AV	231.00	150	Horizontal	Pass
4	5782.000	110.14	0.34	--	131.86	Peak	242.00	150	Horizontal	N/A
4**	5782.000	100.65	0.34	--	-100.65	AV	242.00	150	Horizontal	N/A
5	7741.000	56.17	3.36	74.0	17.83	Peak	4.00	150	Horizontal	Pass
5**	7741.000	45.04	3.36	54.0	8.96	AV	4.00	150	Horizontal	Pass
6	15674.512	52.08	1.67	74.0	21.92	Peak	22.00	150	Horizontal	Pass
6**	15674.512	41.50	1.67	54.0	12.50	AV	22.00	150	Horizontal	Pass

11ax20 (SU), 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	1066.250	52.75	-15.57	74.0	21.25	Peak	216.00	150	Vertical	Pass
1**	1066.250	45.24	-15.57	54.0	8.76	AV	216.00	150	Vertical	Pass
2	3937.500	49.44	-3.13	74.0	24.56	Peak	356.00	150	Vertical	Pass
2**	3937.500	38.05	-3.13	54.0	15.95	AV	356.00	150	Vertical	Pass
3	4902.000	51.88	-1.12	74.0	22.12	Peak	284.00	150	Vertical	Pass
3**	4902.000	40.29	-1.12	54.0	13.71	AV	284.00	150	Vertical	Pass
4	5785.500	103.33	0.37	--	23.67	Peak	127.00	150	Vertical	N/A
4**	5785.500	94.78	0.37	--	-94.78	AV	127.00	150	Vertical	N/A
5	7748.000	56.08	3.55	74.0	17.92	Peak	115.00	150	Vertical	Pass
5**	7748.000	45.49	3.55	54.0	8.51	AV	115.00	150	Vertical	Pass
6	11828.263	50.46	-1.21	74.0	23.54	Peak	298.00	150	Vertical	Pass
6**	11828.263	39.39	-1.21	54.0	14.61	AV	298.00	150	Vertical	Pass

11ax40 (SU), 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	1061.750	52.18	-15.57	74.0	21.82	Peak	243.00	150	Horizontal	Pass
1**	1061.750	40.31	-15.57	54.0	13.69	AV	243.00	150	Horizontal	Pass
2	1683.500	47.27	-15.48	74.0	26.73	Peak	110.00	150	Horizontal	Pass
2**	1683.500	31.86	-15.48	54.0	22.14	AV	110.00	150	Horizontal	Pass
3	3877.500	48.37	-3.83	74.0	25.63	Peak	1.00	150	Horizontal	Pass
3**	3877.500	37.62	-3.83	54.0	16.38	AV	1.00	150	Horizontal	Pass
4	5754.500	109.55	0.03	--	135.45	Peak	245.00	150	Horizontal	N/A
4**	5754.500	100.46	0.03	--	-100.46	AV	245.00	150	Horizontal	N/A
5	7749.000	56.35	3.62	74.0	17.65	Peak	360.00	150	Horizontal	Pass
5**	7749.000	45.26	3.62	54.0	8.74	AV	360.00	150	Horizontal	Pass
6	12485.425	50.90	0.19	74.0	23.10	Peak	357.00	150	Horizontal	Pass
6**	12485.425	40.19	0.19	54.0	13.81	AV	357.00	150	Horizontal	Pass

11ax40 (SU), 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	1062.250	52.78	-15.58	74.0	21.22	Peak	231.00	150	Vertical	Pass
1**	1062.250	43.65	-15.58	54.0	10.35	AV	231.00	150	Vertical	Pass
2	1331.250	46.54	-15.52	74.0	27.46	Peak	196.00	150	Vertical	Pass
2**	1331.250	35.46	-15.52	54.0	18.54	AV	196.00	150	Vertical	Pass
3	5001.000	51.67	-0.85	74.0	22.33	Peak	160.00	150	Vertical	Pass
3**	5001.000	40.47	-0.85	54.0	13.53	AV	160.00	150	Vertical	Pass
4	5758.500	101.77	0.06	--	58.23	Peak	160.00	150	Vertical	N/A
4**	5758.500	92.82	0.06	--	-92.82	AV	160.00	150	Vertical	N/A
5	7747.000	56.38	3.57	74.0	17.62	Peak	109.00	150	Vertical	Pass
5**	7747.000	45.94	3.57	54.0	8.06	AV	109.00	150	Vertical	Pass
6	15722.550	52.18	1.38	74.0	21.82	Peak	135.00	150	Vertical	Pass
6**	15722.550	41.69	1.38	54.0	12.31	AV	135.00	150	Vertical	Pass

11ax80 (SU), 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	1064.000	52.04	-15.57	74.0	21.96	Peak	255.00	150	Horizontal	Pass
1**	1064.000	43.02	-15.57	54.0	10.98	AV	255.00	150	Horizontal	Pass
2	1681.500	47.25	-15.45	74.0	26.75	Peak	114.00	150	Horizontal	Pass
2**	1681.500	31.68	-15.45	54.0	22.32	AV	114.00	150	Horizontal	Pass
3	4252.500	49.32	-2.91	74.0	24.68	Peak	32.00	150	Horizontal	Pass
3**	4252.500	38.35	-2.91	54.0	15.65	AV	32.00	150	Horizontal	Pass
4	5031.000	51.36	-0.80	74.0	23.24	Peak	117.00	150	Horizontal	Pass
4**	5031.000	40.79	-0.80	54.0	13.21	AV	117.00	150	Horizontal	Pass
5	5772.500	106.77	0.44	--	135.23	Peak	242.00	150	Horizontal	N/A
5**	5772.500	97.33	0.44	--	-97.33	AV	242.00	150	Horizontal	N/A
6	12496.349	50.56	0.20	74.0	23.44	Peak	203.00	150	Horizontal	Pass
6**	12496.349	40.83	0.20	54.0	13.17	AV	203.00	150	Horizontal	Pass

11ax80 (SU), 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	1064.500	52.06	-15.56	74.0	21.94	Peak	239.00	150	Vertical	Pass
1**	1064.500	43.54	-15.56	54.0	10.46	AV	239.00	150	Vertical	Pass
2	1330.500	44.12	-15.52	74.0	29.88	Peak	209.00	150	Vertical	Pass
2**	1330.500	34.56	-15.52	54.0	19.44	AV	209.00	150	Vertical	Pass
3	4284.500	49.73	-2.92	74.0	24.27	Peak	234.00	150	Vertical	Pass
3**	4284.500	37.98	-2.92	54.0	16.02	AV	234.00	150	Vertical	Pass
4	5772.500	96.57	0.44	--	63.43	Peak	160.00	150	Vertical	N/A
4**	5772.500	87.29	0.44	--	-87.29	AV	160.00	150	Vertical	N/A
5	7650.500	55.74	2.85	74.0	18.26	Peak	44.00	150	Vertical	Pass
5**	7650.500	44.43	2.85	54.0	9.57	AV	44.00	150	Vertical	Pass
6	15554.550	52.20	0.49	74.0	21.80	Peak	65.00	150	Vertical	Pass
6**	15554.550	40.79	0.49	54.0	13.21	AV	65.00	150	Vertical	Pass

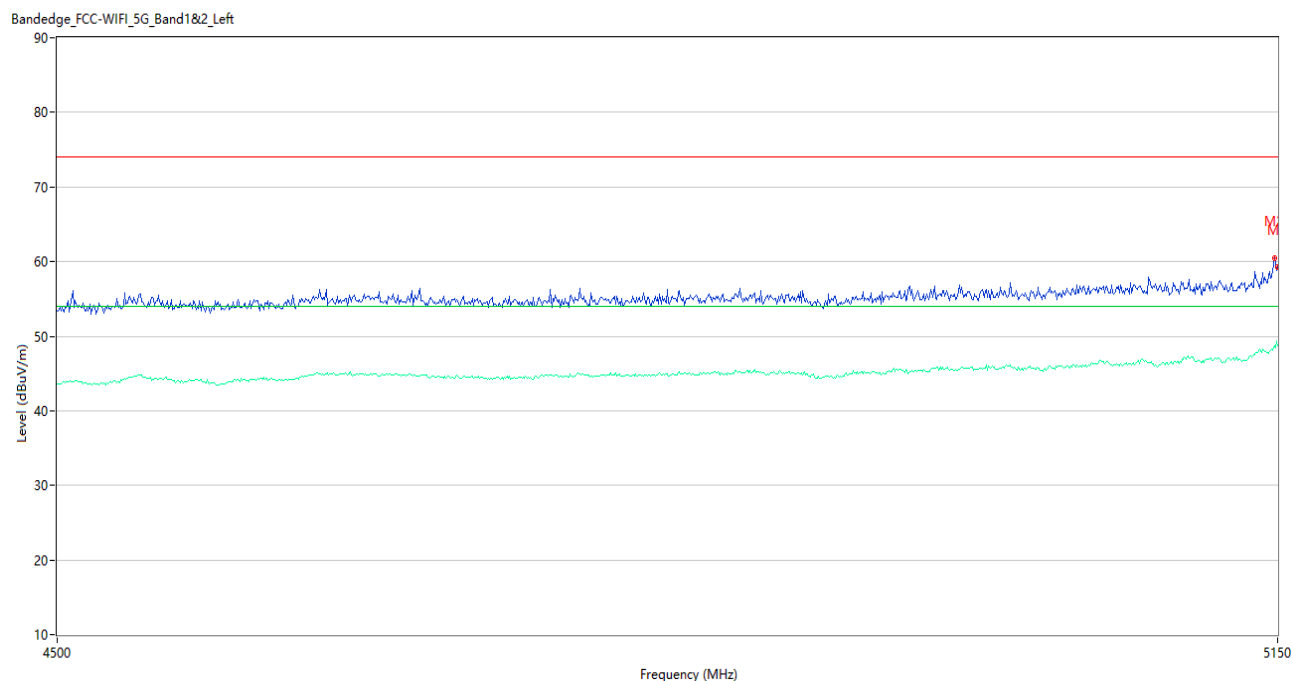
A.6.2 Band Edge (Restricted-band)

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
	802.11ax(HE20) (SU)	Low	Pass
		High	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
	802.11ax(HE20) (SU)	Low	Pass
		High	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
	802.11ax(HE20) (SU)	Low	Pass
		High	Pass
	802.11ax(HE40) (SU)	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
	802.11ax(HE20) (SU)	Low	Pass
		High	Pass
	802.11ax(HE40) (SU)	Low	Pass
		High	Pass
	802.11ax(HE80) (SU)	Middle	Pass

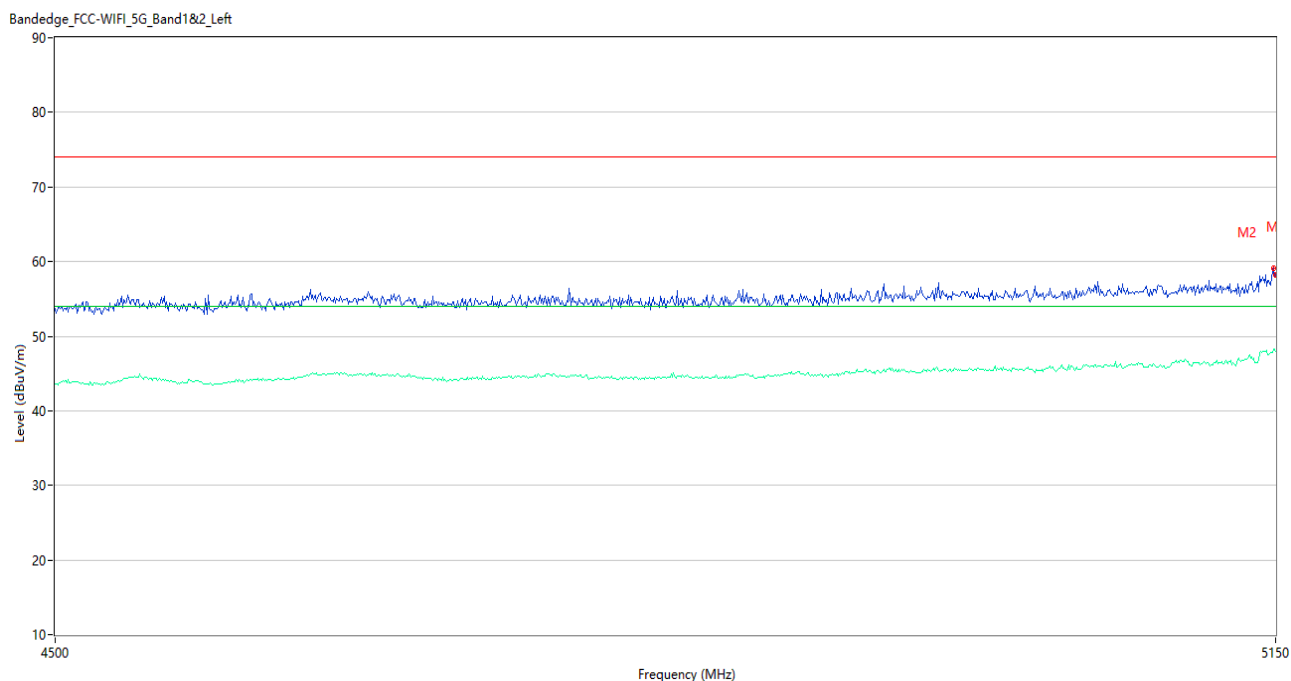
Test Data and Plots

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	59.23	5.21	74.0	14.77	Peak	124.03	150	Horizontal	Pass
1**	5150.000	48.76	5.21	54.0	5.24	AV	124.03	150	Horizontal	Pass
2	5148.050	60.45	5.26	74.0	13.55	Peak	268.00	150	Horizontal	Pass
2**	5148.050	48.72	5.26	54.0	5.28	AV	268.00	150	Horizontal	Pass

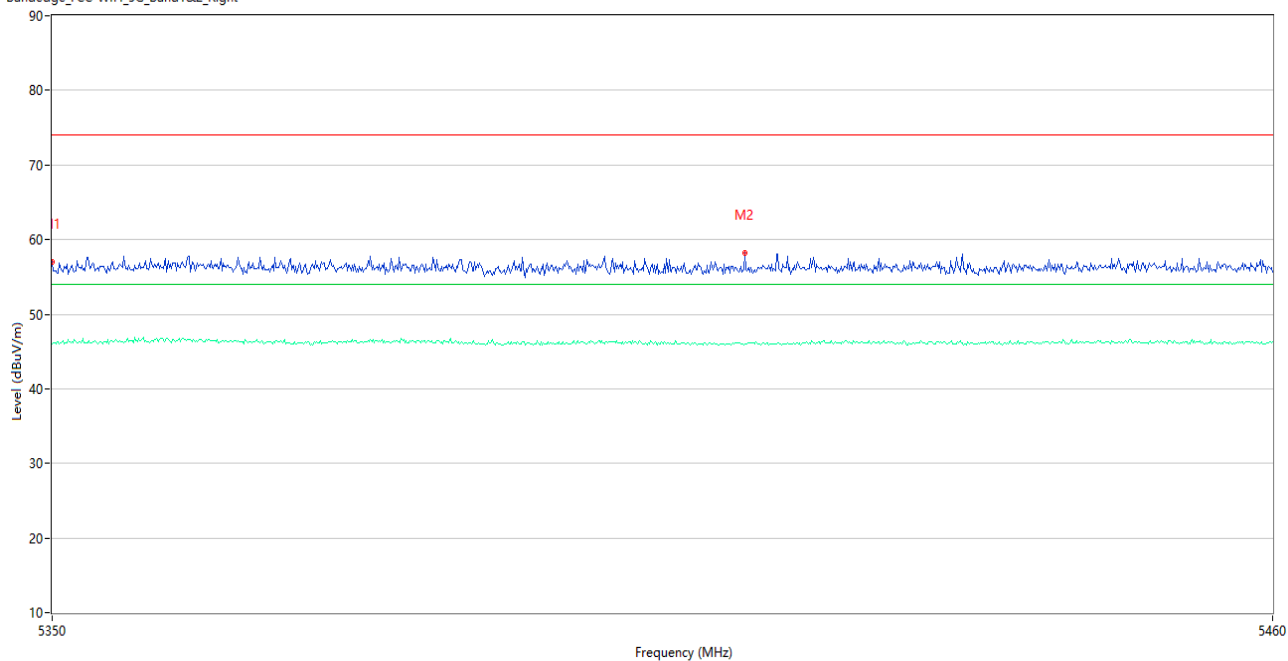
U-NII-1 11a Low Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.19	5.21	74.0	15.81	Peak	243.00	150	Vertical	Pass
1**	5150.000	47.93	5.21	54.0	6.07	AV	243.00	150	Vertical	Pass
2	5148.700	59.10	5.23	74.0	14.90	Peak	271.00	150	Vertical	Pass
2**	5148.700	48.29	5.23	54.0	5.71	AV	271.00	150	Vertical	Pass

U-NII-1 11a High Channel, ANT H

Bandedge_FCC-WIFI_5G_Band1&2_Right



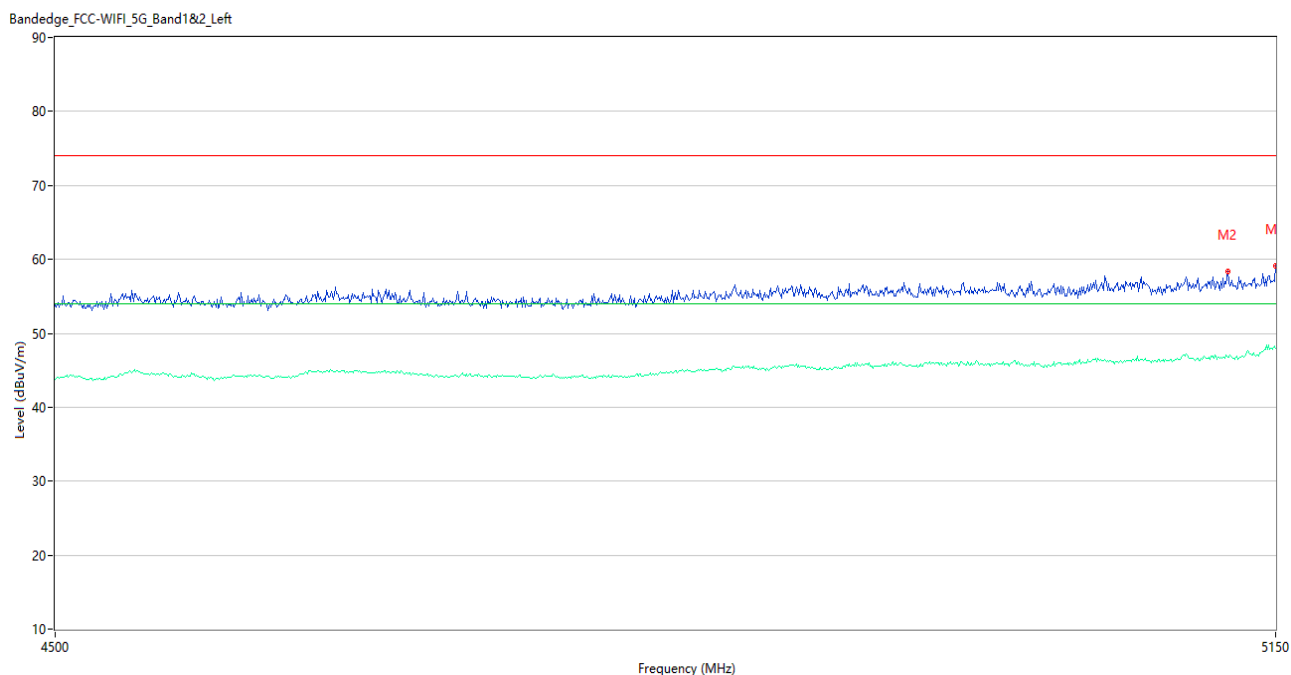
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.04	5.40	74.0	16.96	Peak	0.00	150	Horizontal	Pass
1**	5350.000	46.05	5.40	54.0	7.95	AV	0.00	150	Horizontal	Pass
2	5412.150	58.28	5.17	74.0	15.72	Peak	157.00	150	Horizontal	Pass
2**	5412.150	45.95	5.17	54.0	8.05	AV	157.00	150	Horizontal	Pass

U-NII-1 11a High Channel, ANT V



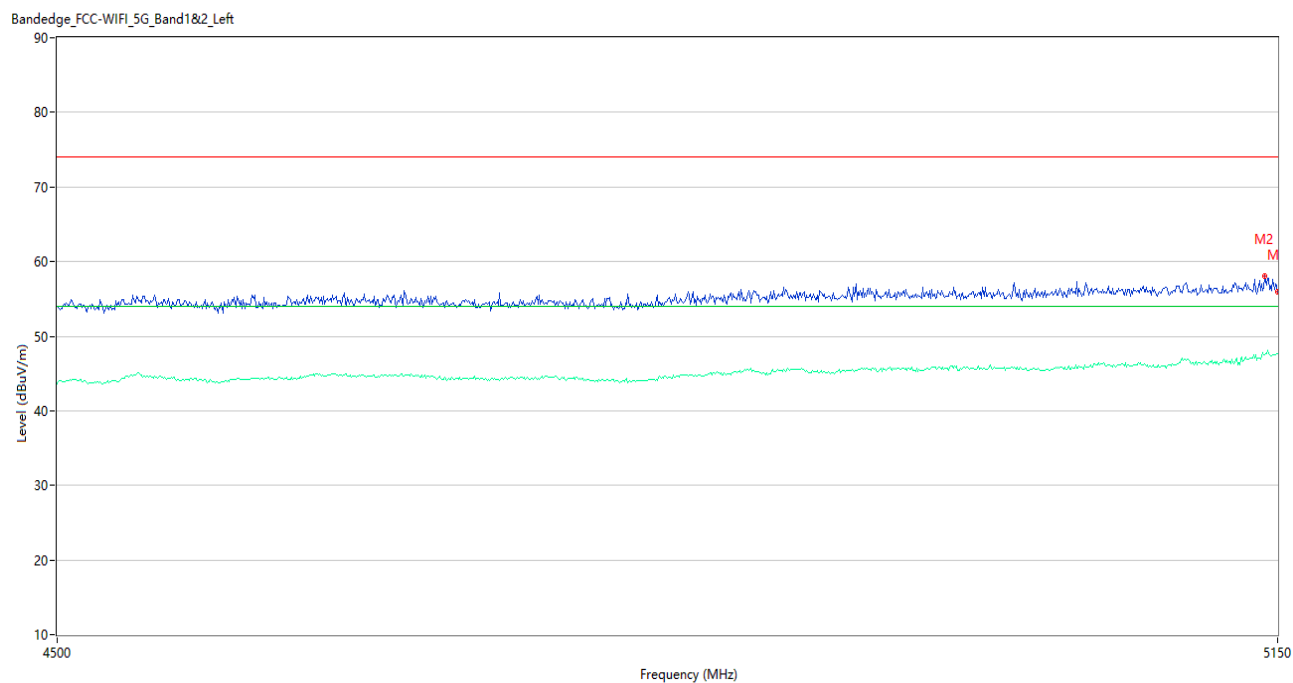
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.66	5.40	74.0	18.34	Peak	156.00	150	Vertical	Pass
1**	5350.000	46.38	5.40	54.0	7.62	AV	156.00	150	Vertical	Pass
2	5454.830	58.59	5.47	74.0	15.41	Peak	302.00	150	Vertical	Pass
2**	5454.830	46.37	5.47	54.0	7.63	AV	302.00	150	Vertical	Pass

U-NII-1 11n20 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	59.13	5.21	74.0	14.87	Peak	162.02	150	Horizontal	Pass
1**	5150.000	47.90	5.21	54.0	6.10	AV	162.02	150	Horizontal	Pass
2	5122.700	58.33	5.17	74.0	15.67	Peak	145.00	150	Horizontal	Pass
2**	5122.700	46.84	5.17	54.0	7.16	AV	145.00	150	Horizontal	Pass

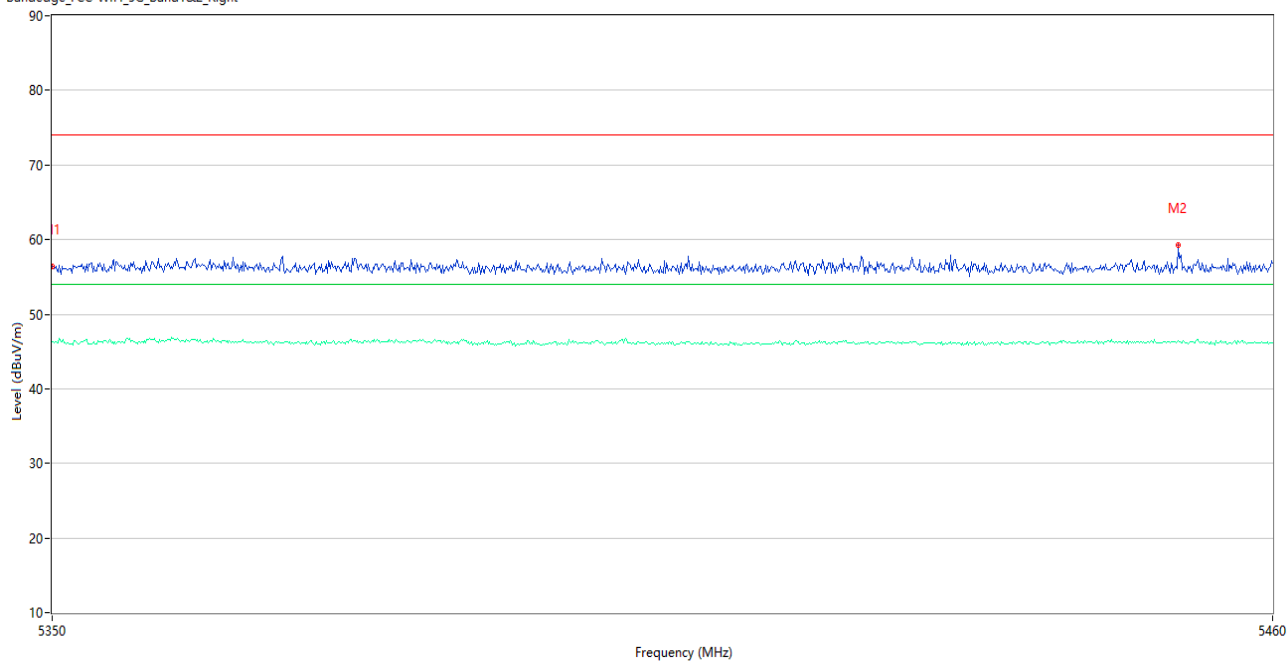
U-NII-1 11n20 Low Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	55.99	5.21	74.0	18.01	Peak	302.97	150	Vertical	Pass
1**	5150.000	47.66	5.21	54.0	6.34	AV	302.97	150	Vertical	Pass
2	5142.850	58.01	5.47	74.0	15.99	Peak	230.00	150	Vertical	Pass
2**	5142.850	47.46	5.47	54.0	6.54	AV	230.00	150	Vertical	Pass

U-NII-1 11n20 High Channel, ANT H

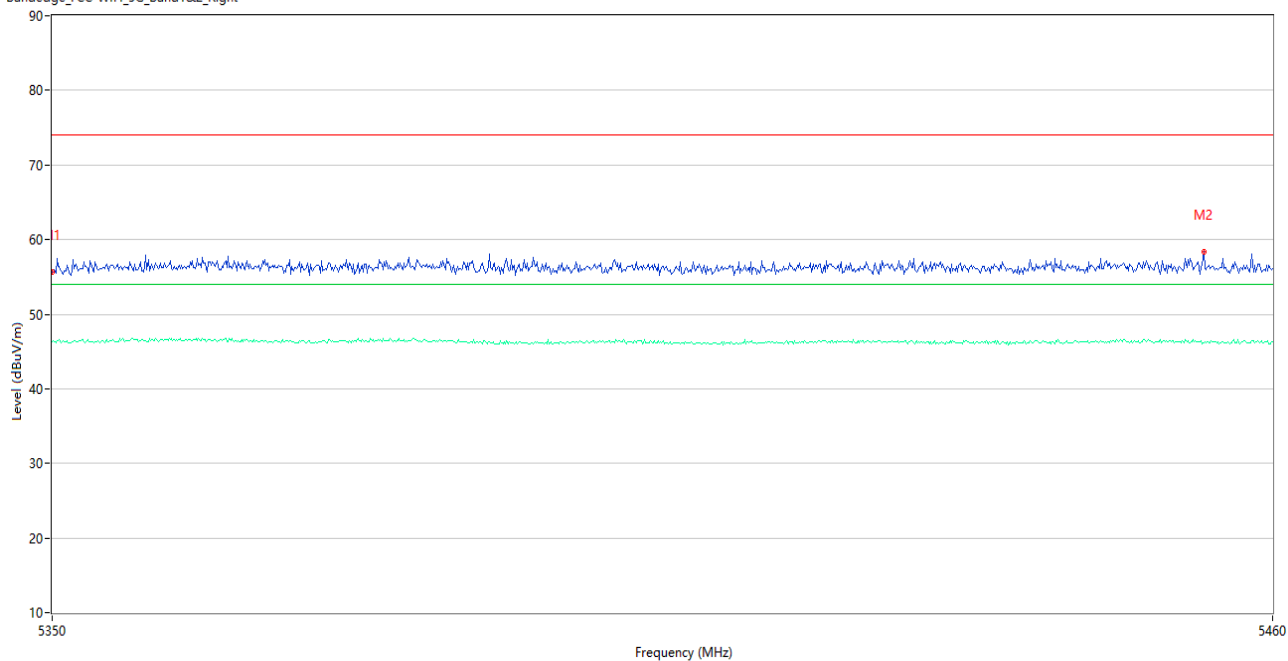
Bandedge_FCC-WIFI_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.36	5.40	74.0	17.64	Peak	78.00	150	Horizontal	Pass
1**	5350.000	46.31	5.40	54.0	7.69	AV	78.00	150	Horizontal	Pass
2	5451.420	59.23	5.58	74.0	14.77	Peak	246.00	150	Horizontal	Pass
2**	5451.420	46.43	5.58	54.0	7.57	AV	246.00	150	Horizontal	Pass

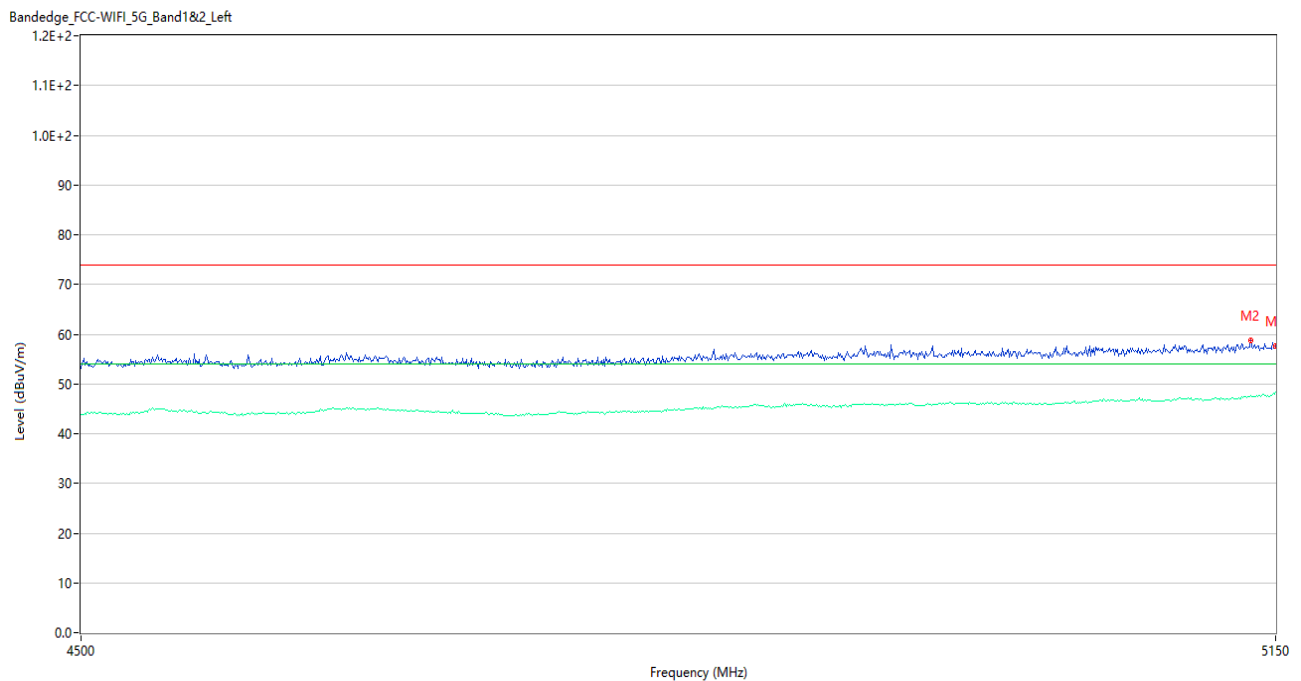
U-NII-1 11n20 High Channel, ANT V

Bandedge_FCC-WIFI_5G_Band1&2_Right



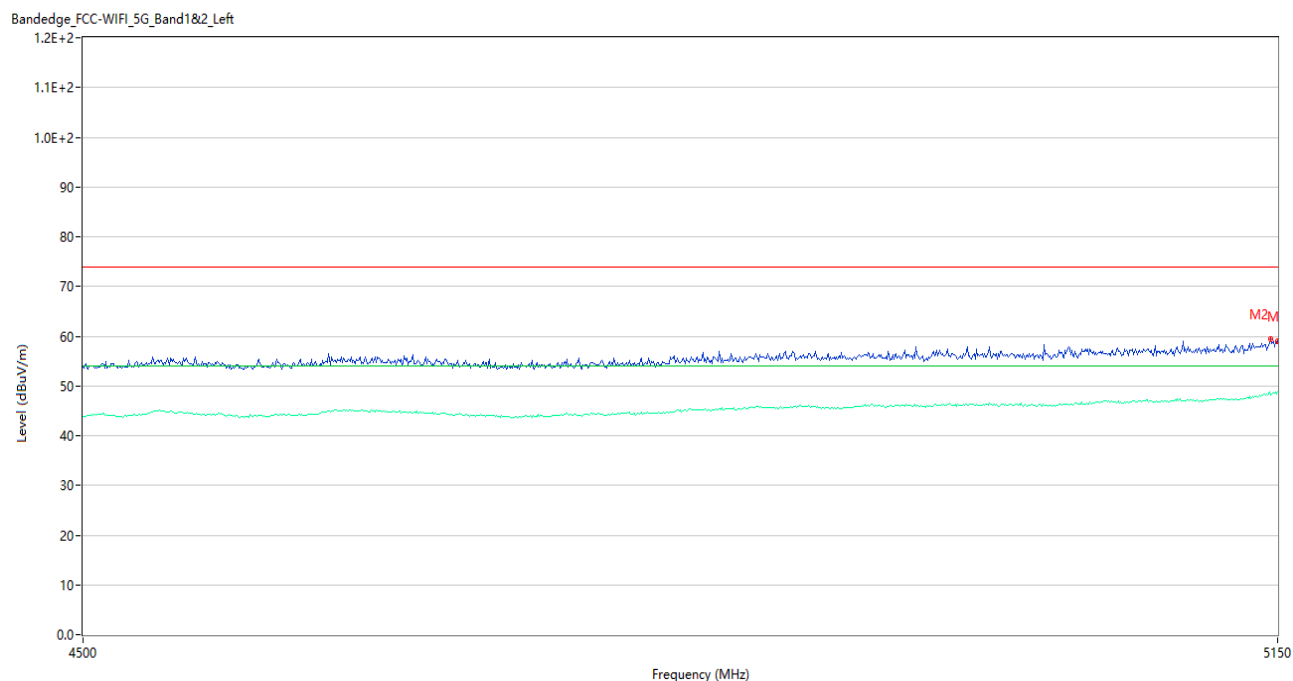
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.65	5.40	74.0	18.35	Peak	259.00	150	Vertical	Pass
1**	5350.000	46.24	5.40	54.0	7.76	AV	259.00	150	Vertical	Pass
2	5453.730	58.29	5.51	74.0	15.71	Peak	288.00	150	Vertical	Pass
2**	5453.730	46.18	5.51	54.0	7.82	AV	288.00	150	Vertical	Pass

U-NII-1 11n40 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	57.66	5.21	74.0	16.34	Peak	320.00	150	Horizontal	Pass
1**	5150.000	48.40	5.21	54.0	5.60	AV	320.00	150	Horizontal	Pass
2	5135.700	58.76	5.49	74.0	15.24	Peak	271.00	150	Horizontal	Pass
2**	5135.700	47.60	5.49	54.0	6.40	AV	271.00	150	Horizontal	Pass

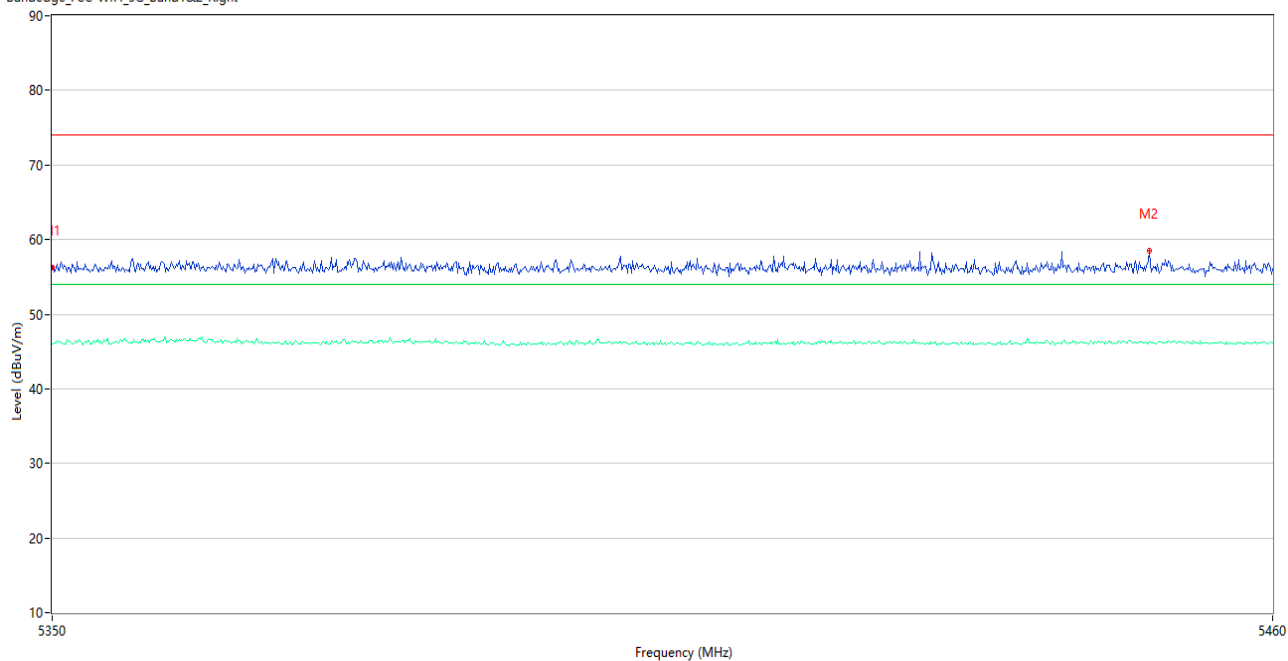
U-NII-1 11n40 Low Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.87	5.21	74.0	15.13	Peak	269.95	150	Vertical	Pass
1**	5150.000	48.75	5.21	54.0	5.25	AV	269.95	150	Vertical	Pass
2	5146.100	59.54	5.37	74.0	14.46	Peak	270.00	150	Vertical	Pass
2**	5146.100	48.17	5.37	54.0	5.83	AV	270.00	150	Vertical	Pass

U-NII-1 11n40 High Channel, ANT H

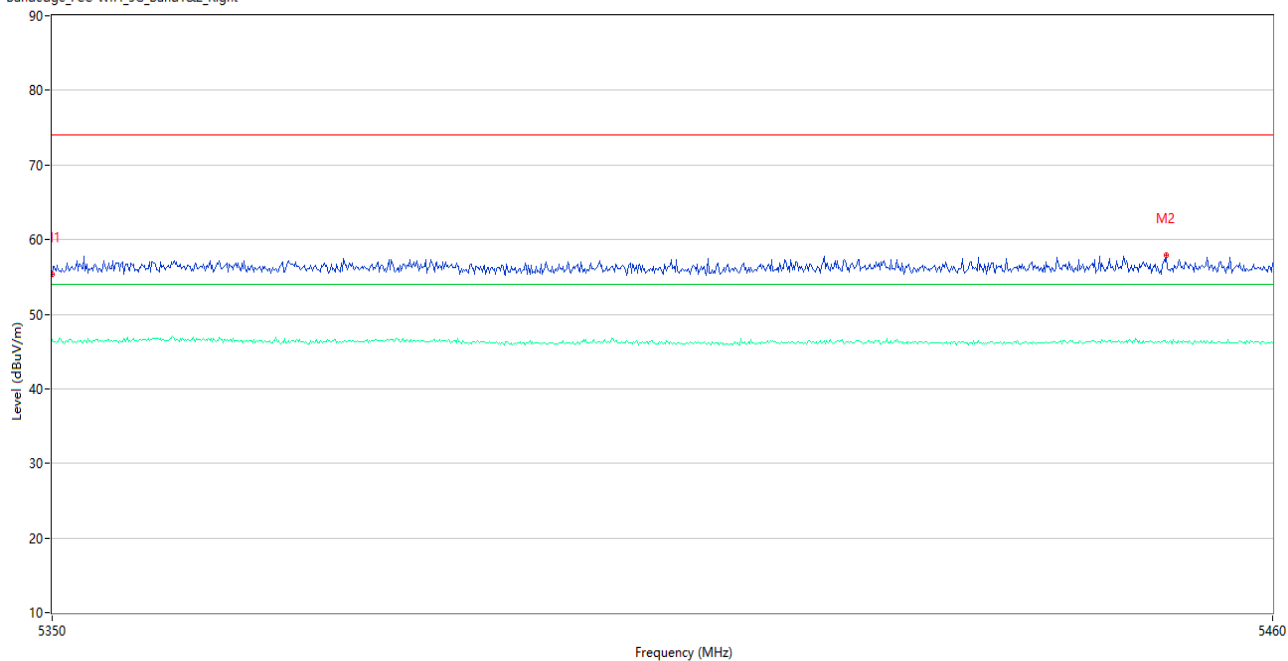
Bandedge_FCC-WIFI_5G_Band1&2_Right



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	154.00	150	Horizontal	Pass
1**	5350.000	45.98	5.40	54.0	8.02	AV	154.00	150	Horizontal	Pass
2	5448.780	58.48	5.60	74.0	15.52	Peak	319.00	150	Horizontal	Pass
2**	5448.780	46.28	5.60	54.0	7.72	AV	319.00	150	Horizontal	Pass

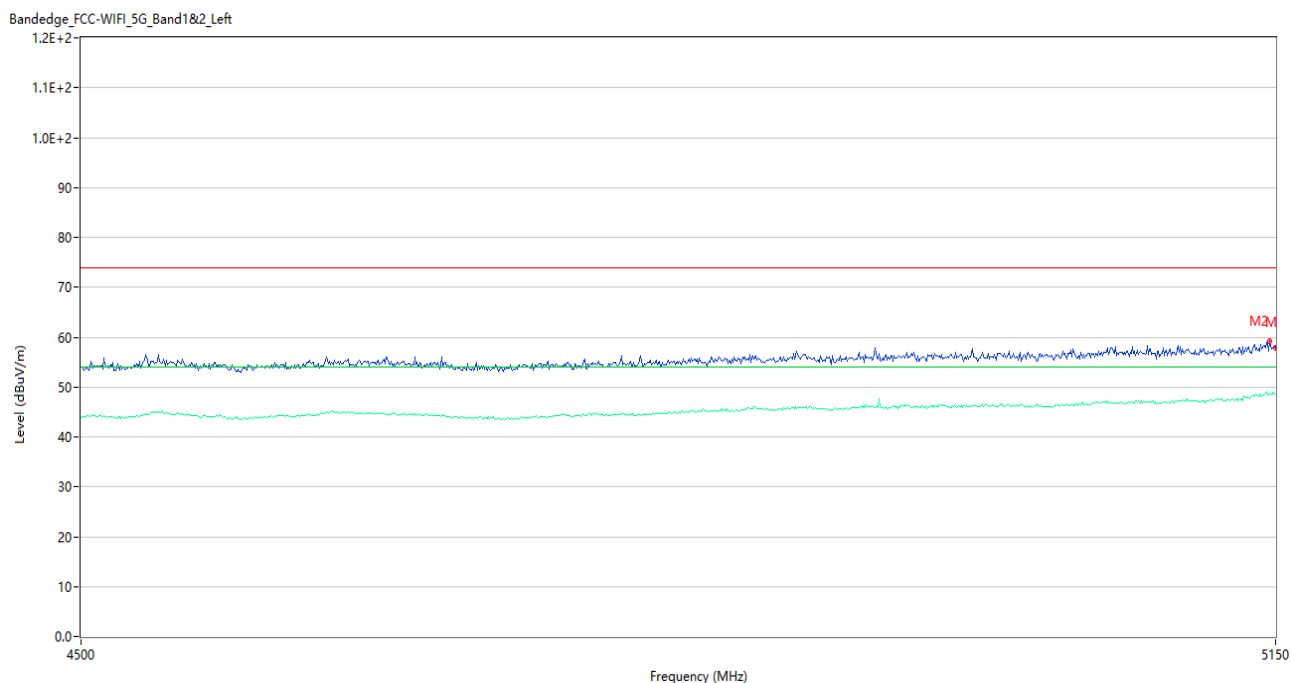
U-NII-1 11n40 High Channel, ANT V

Bandedge_FCC-WIFI_5G_Band1&2_Right



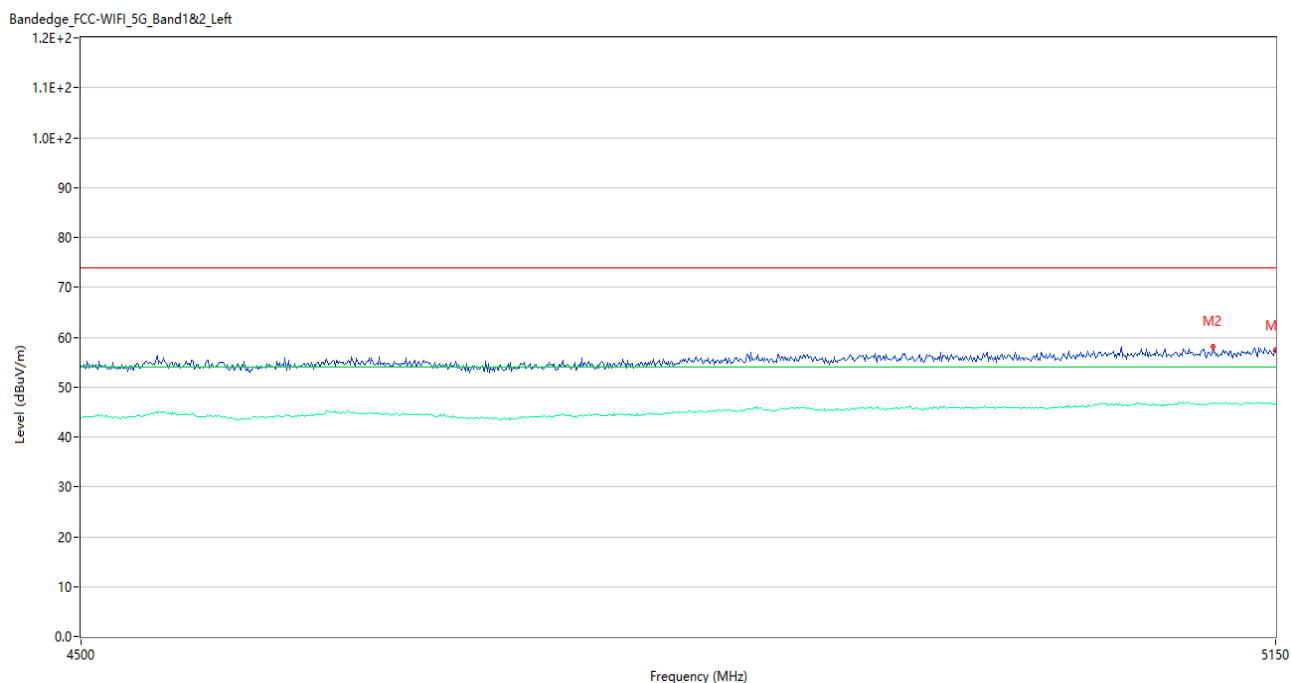
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.30	5.40	74.0	18.70	Peak	360.00	150	Vertical	Pass
1**	5350.000	46.61	5.40	54.0	7.39	AV	360.00	150	Vertical	Pass
2	5450.320	57.94	5.59	74.0	16.06	Peak	59.00	150	Vertical	Pass
2**	5450.320	46.12	5.59	54.0	7.88	AV	59.00	150	Vertical	Pass

U-NII-1 11ac80 Middle Channel, ANT H



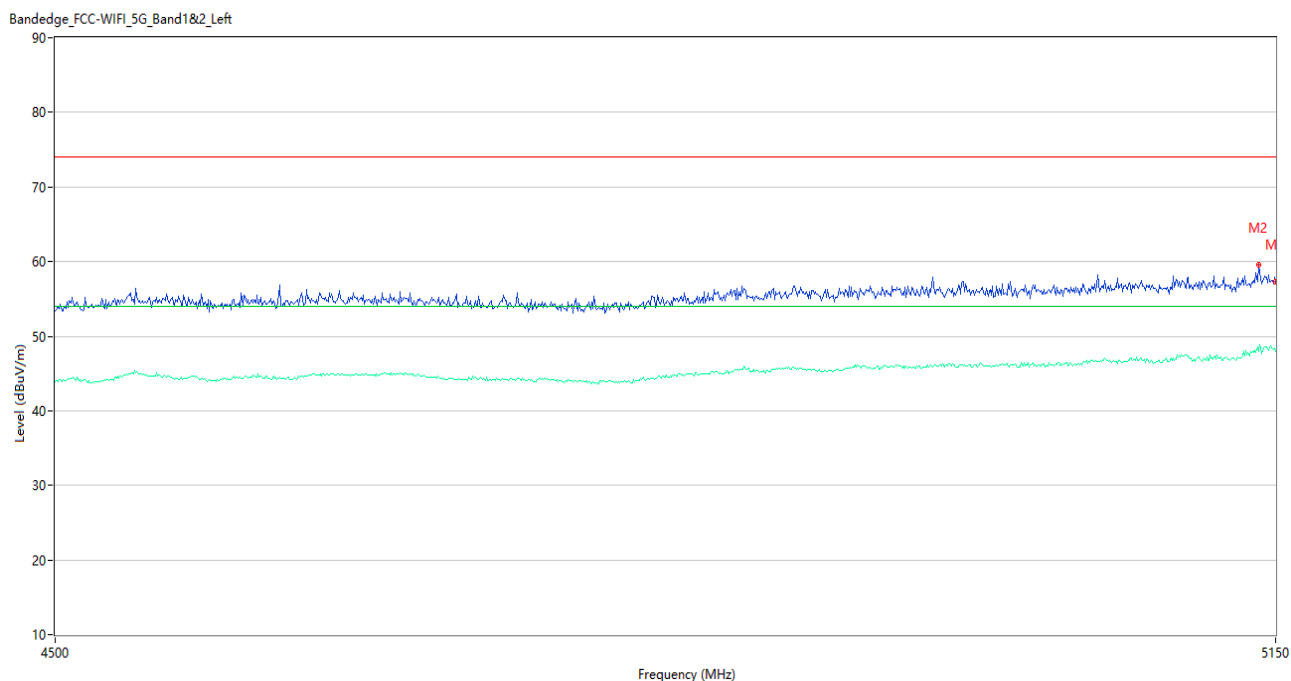
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.96	5.21	74.0	16.04	Peak	223.00	150	Horizontal	Pass
1**	5150.000	48.68	5.21	54.0	5.32	AV	223.00	150	Horizontal	Pass
2	5146.750	59.18	5.33	74.0	14.82	Peak	223.00	150	Horizontal	Pass
2**	5146.750	48.65	5.33	54.0	5.35	AV	223.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel, ANT V



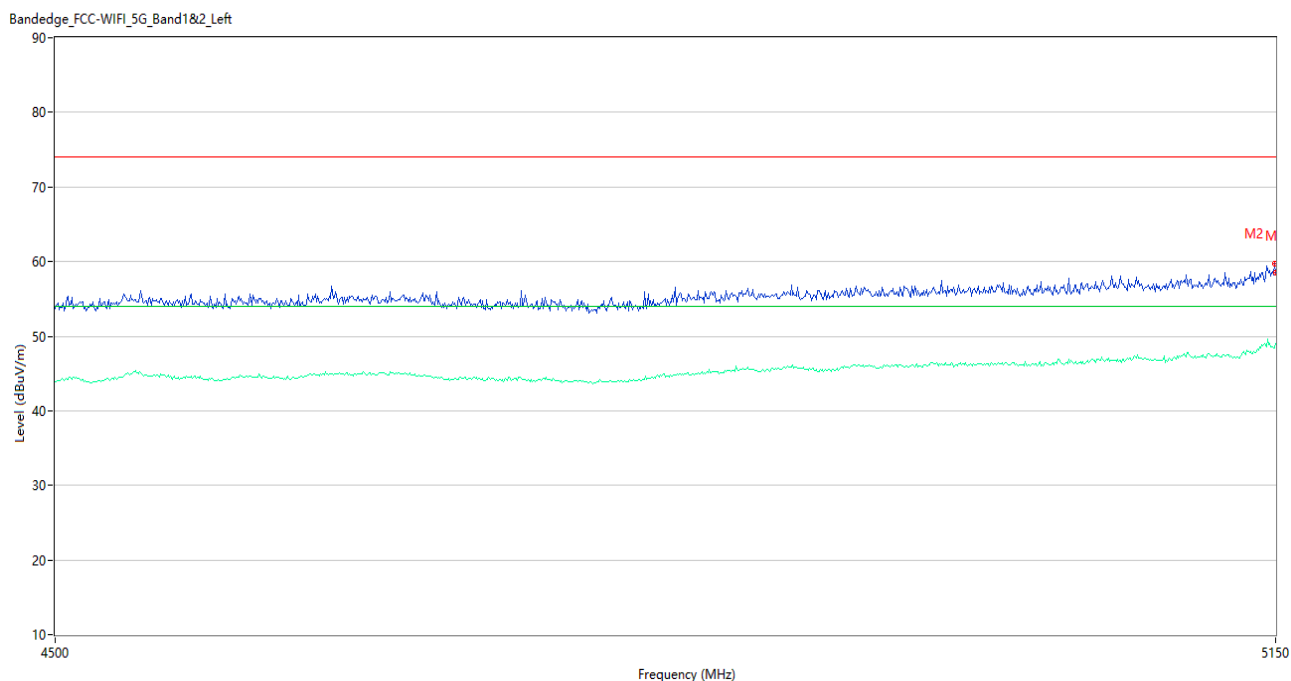
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.40	5.21	74.0	16.60	Peak	251.02	150	Vertical	Pass
1**	5150.000	46.59	5.21	54.0	7.41	AV	251.02	150	Vertical	Pass
2	5113.600	58.17	5.16	74.0	15.83	Peak	258.00	150	Vertical	Pass
2**	5113.600	46.77	5.16	54.0	7.23	AV	258.00	150	Vertical	Pass

U-NII-1 11ax20 (SU) 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	57.35	5.21	74.0	16.65	Peak	245.01	150	Horizontal	Pass
1**	5150.000	48.04	5.21	54.0	5.96	AV	245.01	150	Horizontal	Pass
2	5140.250	59.50	5.60	74.0	14.50	Peak	268.00	150	Horizontal	Pass
2**	5140.250	47.99	5.60	54.0	6.01	AV	268.00	150	Horizontal	Pass

U-NII-1 11ax20 (SU) 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	58.55	5.21	74.0	15.45	Peak	320.00	150	Vertical	Pass
1**	5150.000	49.07	5.21	54.0	4.93	AV	320.00	150	Vertical	Pass
2	5149.350	59.69	5.21	74.0	14.31	Peak	303.00	150	Vertical	Pass
2**	5149.350	48.44	5.21	54.0	5.56	AV	303.00	150	Vertical	Pass

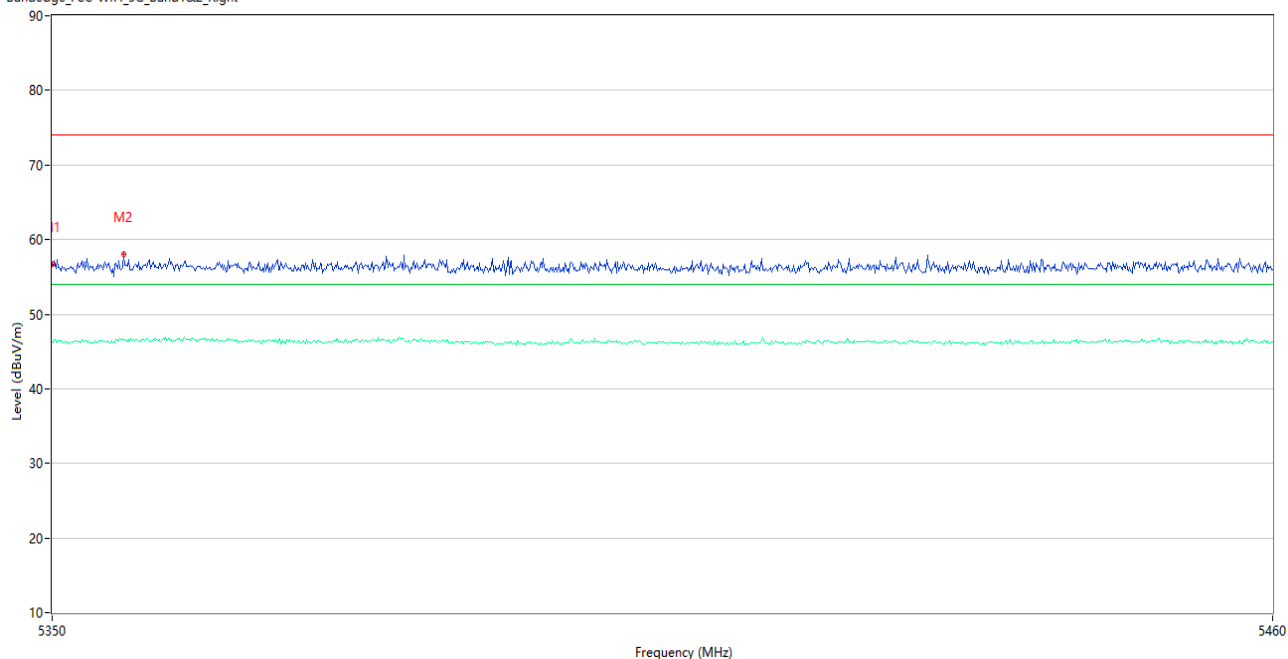
U-NII-1 11ax20 (SU) High Channel, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.54	5.40	74.0	18.46	Peak	325.00	150	Horizontal	Pass
1**	5350.000	46.17	5.40	54.0	7.83	AV	325.00	150	Horizontal	Pass
2	5431.400	57.95	5.25	74.0	16.05	Peak	152.00	150	Horizontal	Pass
2**	5431.400	46.03	5.25	54.0	7.97	AV	152.00	150	Horizontal	Pass

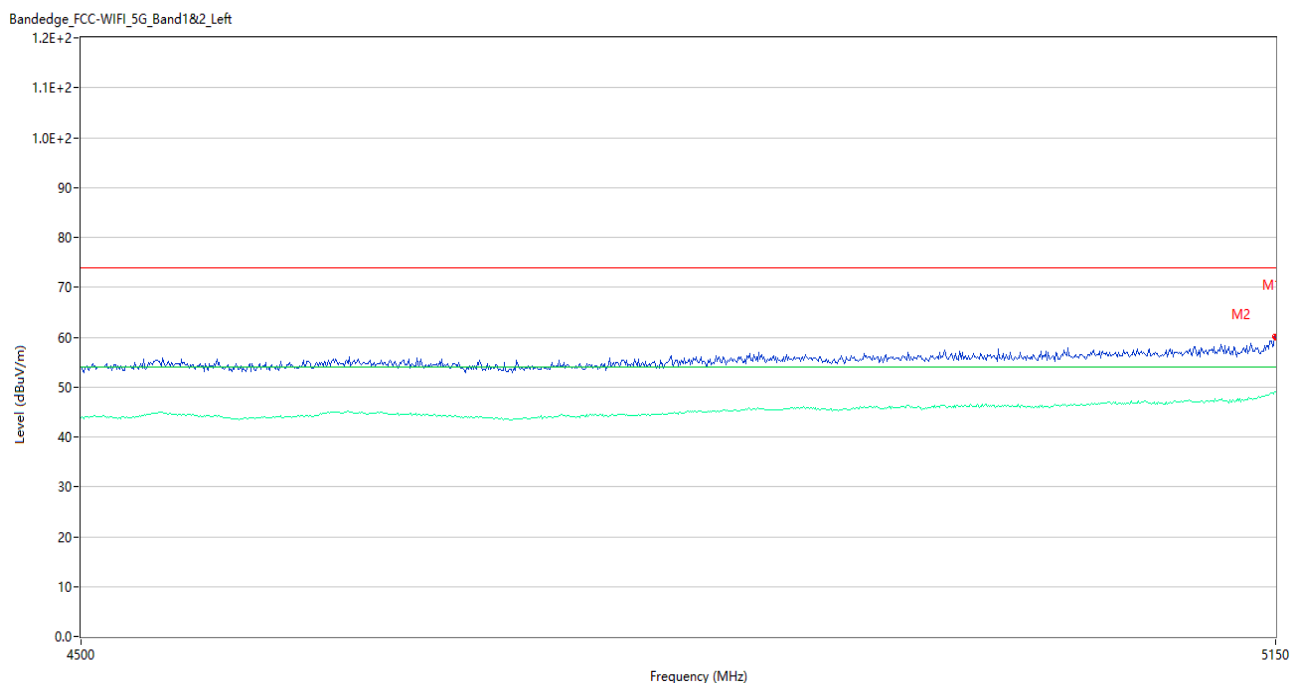
U-NII-1 11ax20 (SU) High Channel, ANT V

Bandedge_FCC-WIFI_5G_Band1&2_Right



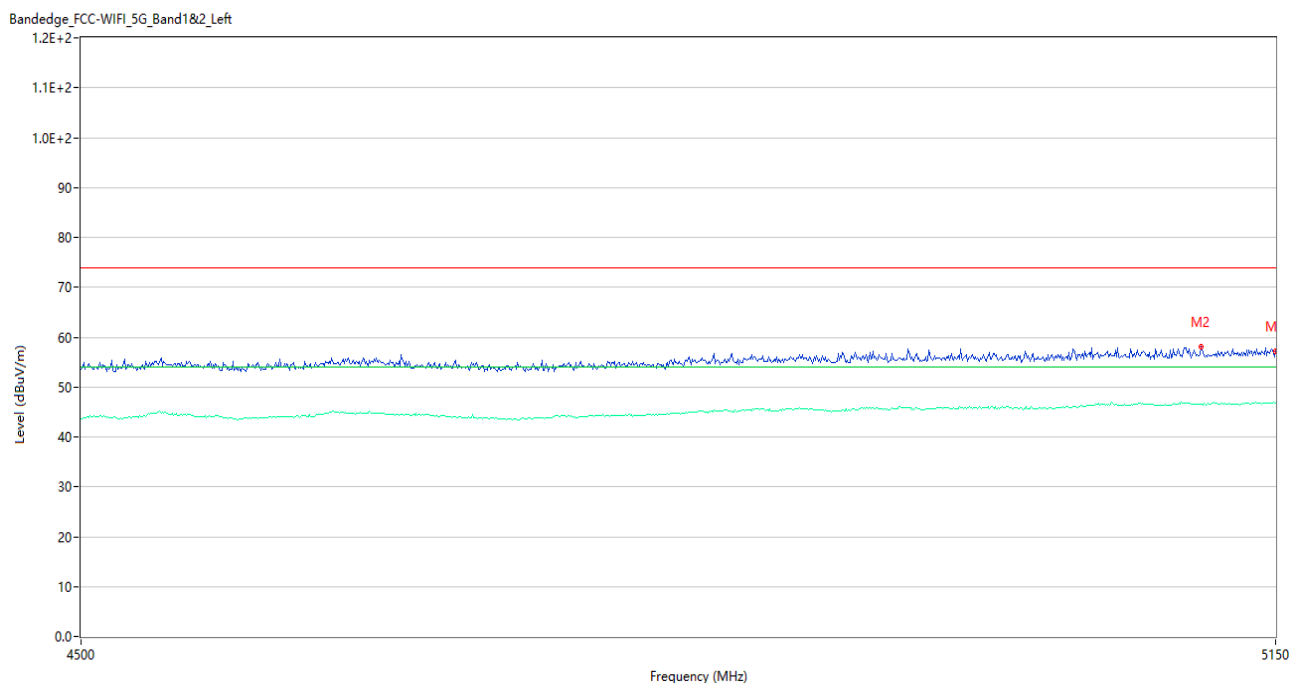
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.77	5.40	74.0	17.23	Peak	154.00	150	Vertical	Pass
1**	5350.000	46.30	5.40	54.0	7.70	AV	154.00	150	Vertical	Pass
2	5356.380	58.10	5.59	74.0	15.90	Peak	111.00	150	Vertical	Pass
2**	5356.380	46.56	5.59	54.0	7.44	AV	111.00	150	Vertical	Pass

U-NII-1 11ax40 (SU) 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	59.95	5.21	74.0	14.05	Peak	260.00	150	Horizontal	Pass
1**	5150.000	49.09	5.21	54.0	4.91	AV	260.00	150	Horizontal	Pass
2	5149.350	60.04	5.21	74.0	13.96	Peak	253.00	150	Horizontal	Pass
2**	5149.350	48.98	5.21	54.0	5.02	AV	253.00	150	Horizontal	Pass

U-NII-1 11ax40 (SU) 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	57.23	5.21	74.0	16.77	Peak	174.02	150	Vertical	Pass
1**	5150.000	46.69	5.21	54.0	7.31	AV	174.02	150	Vertical	Pass
2	5107.100	58.02	5.06	74.0	15.98	Peak	273.00	150	Vertical	Pass
2**	5107.100	46.60	5.06	54.0	7.40	AV	273.00	150	Vertical	Pass

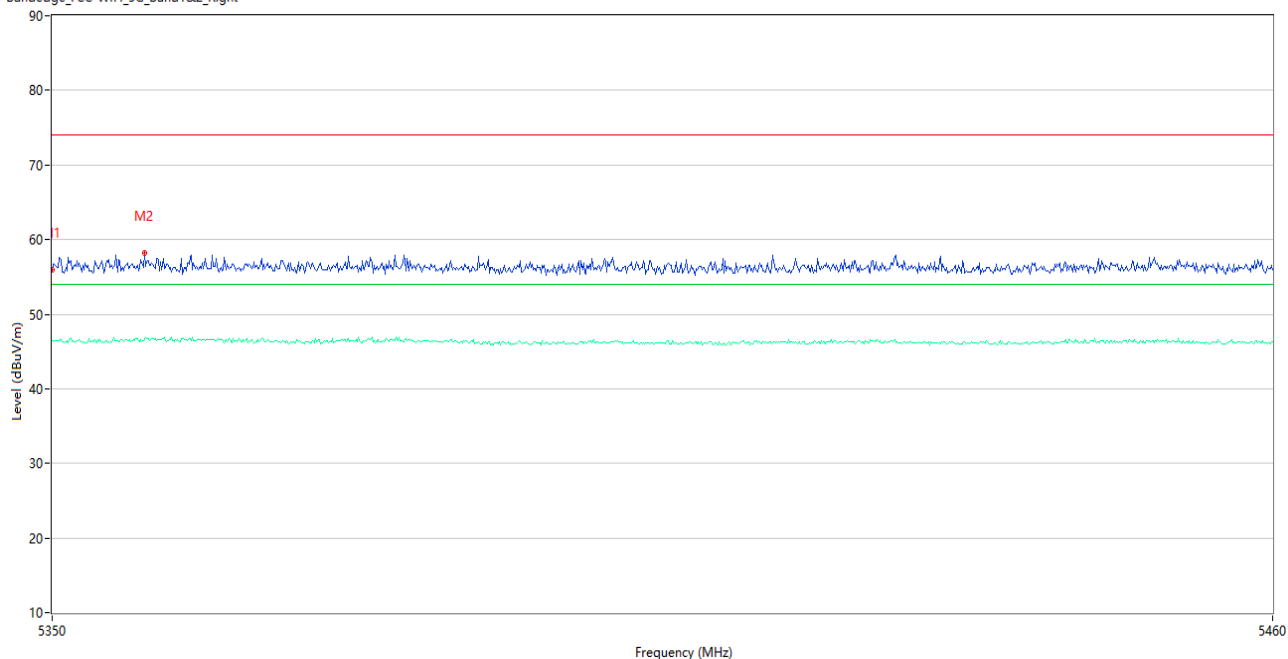
U-NII-1 11ax40 (SU) High Channel, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.90	5.40	74.0	18.10	Peak	0.00	150	Horizontal	Pass
1**	5350.000	46.15	5.40	54.0	7.85	AV	0.00	150	Horizontal	Pass
2	5433.050	58.55	5.26	74.0	15.45	Peak	239.00	150	Horizontal	Pass
2**	5433.050	45.91	5.26	54.0	8.09	AV	239.00	150	Horizontal	Pass

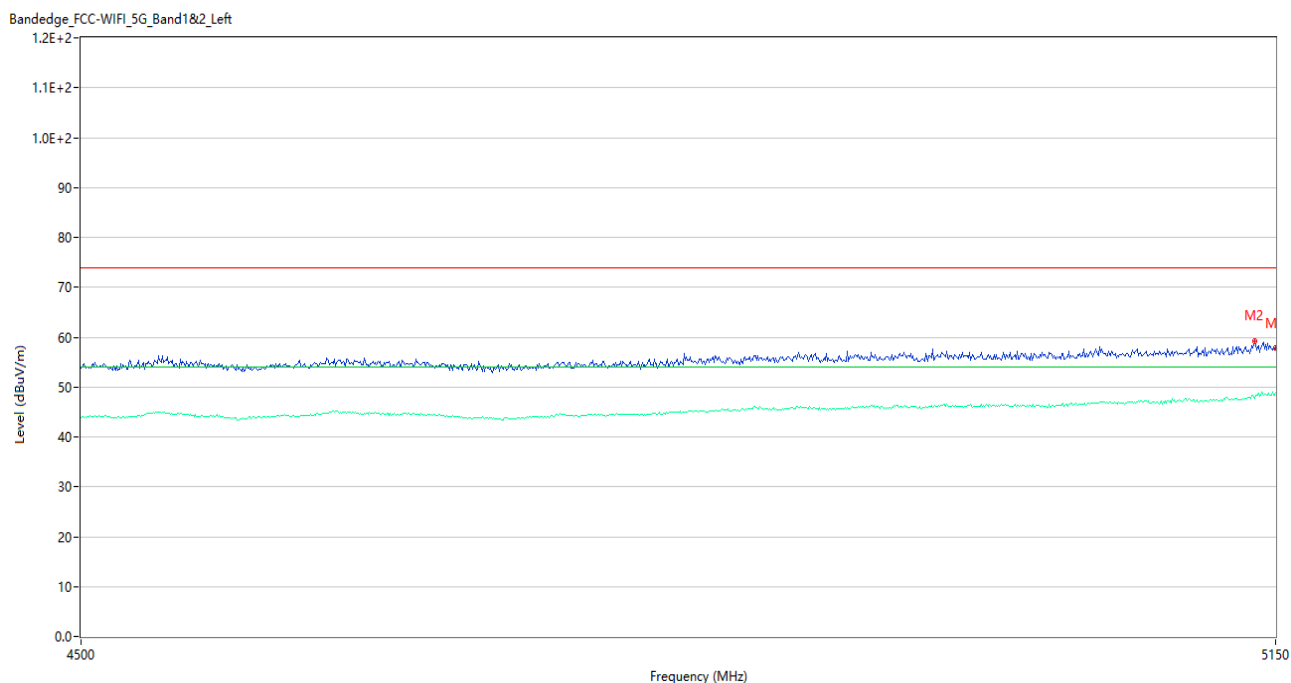
U-NII-1 11ax40 (SU) High Channel, ANT V

Bandedge_FCC-WIFI_5G_Band1&2_Right



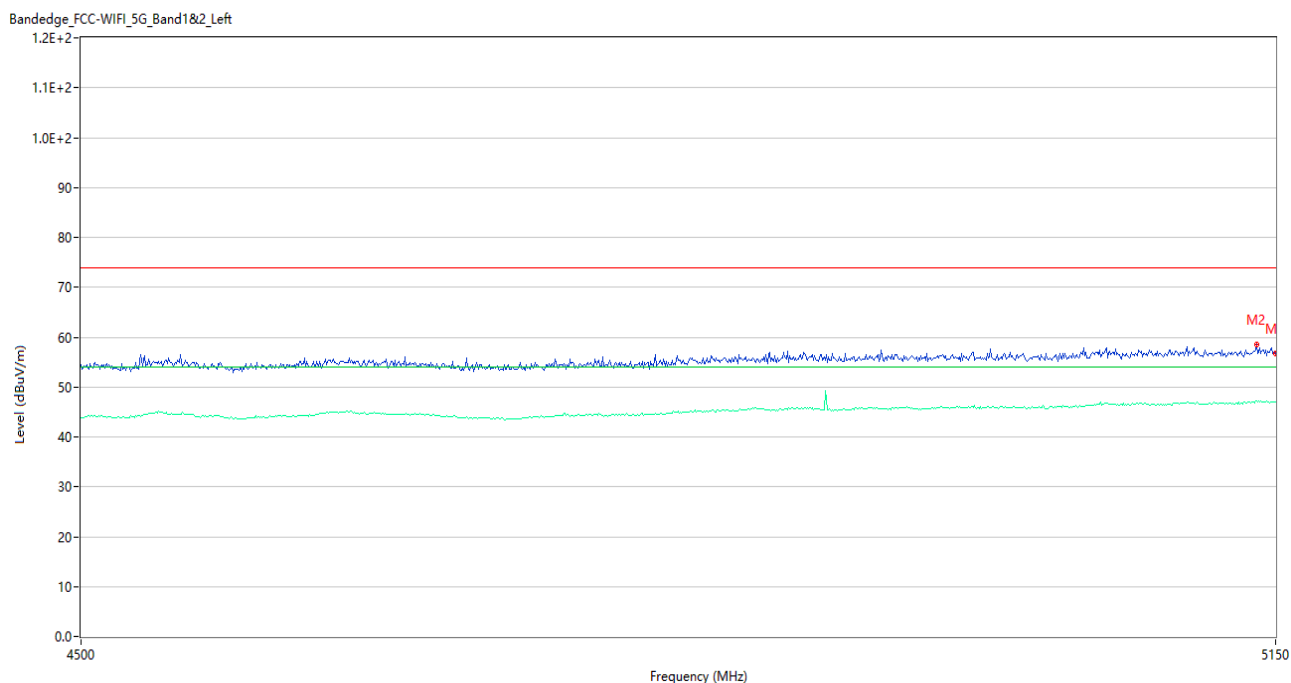
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.93	5.40	74.0	18.07	Peak	32.00	150	Vertical	Pass
1**	5350.000	46.44	5.40	54.0	7.56	AV	32.00	150	Vertical	Pass
2	5358.250	58.15	5.65	74.0	15.85	Peak	10.00	150	Vertical	Pass
2**	5358.250	46.56	5.65	54.0	7.44	AV	10.00	150	Vertical	Pass

U-NII-1 11ax80 (SU) Middle Channel, ANT H



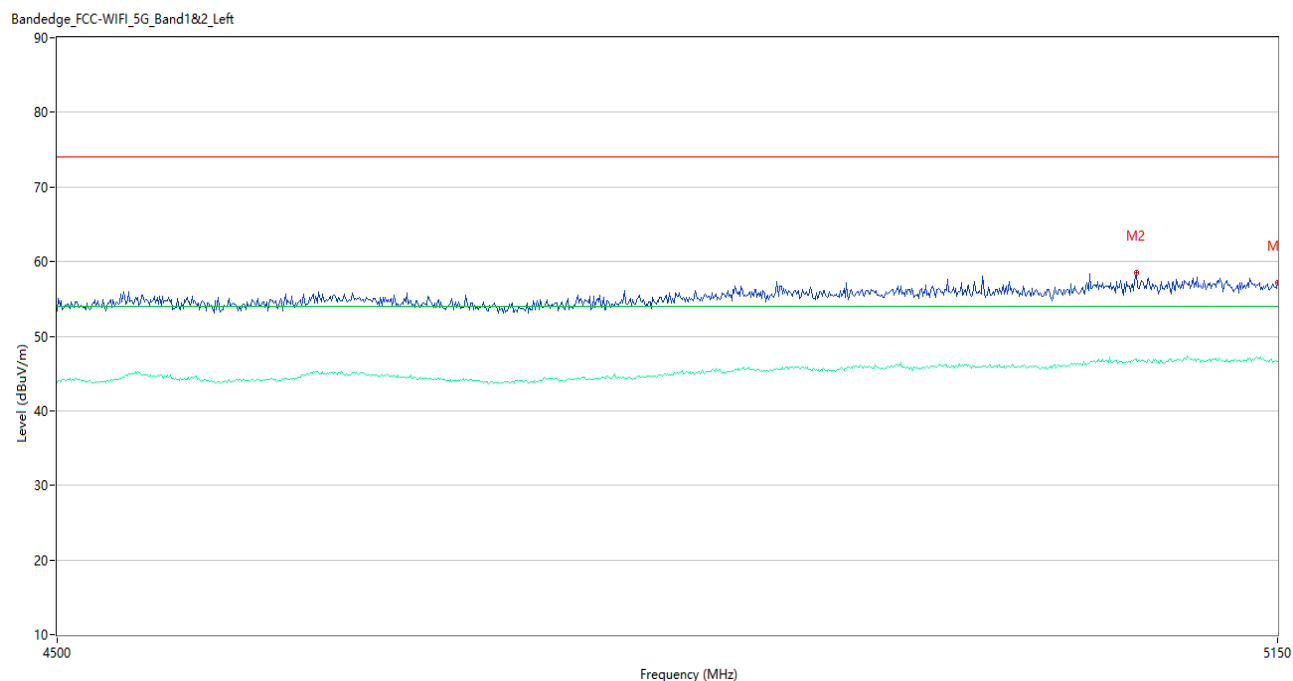
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.90	5.21	74.0	16.10	Peak	303.98	150	Horizontal	Pass
1**	5150.000	48.86	5.21	54.0	5.14	AV	303.98	150	Horizontal	Pass
2	5137.650	59.31	5.53	74.0	14.69	Peak	240.00	150	Horizontal	Pass
2**	5137.650	47.75	5.53	54.0	6.25	AV	240.00	150	Horizontal	Pass

U-NII-1 11ax80 (SU) Middle Channel, ANT V



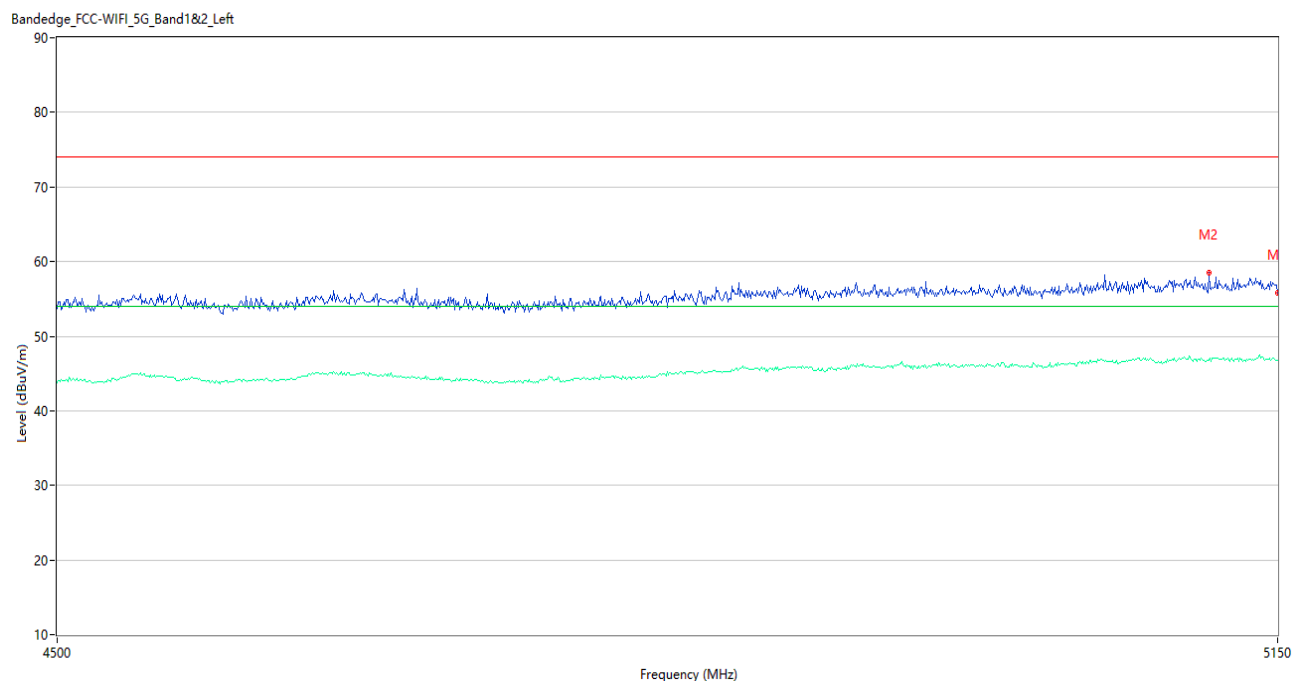
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.77	5.21	74.0	17.23	Peak	134.98	150	Vertical	Pass
1**	5150.000	46.83	5.21	54.0	7.17	AV	134.98	150	Vertical	Pass
2	5138.950	58.60	5.58	74.0	15.40	Peak	161.00	150	Vertical	Pass
2**	5138.950	47.13	5.58	54.0	6.87	AV	161.00	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	57.18	5.21	74.0	16.82	Peak	290.99	150	Horizontal	Pass
1**	5150.000	46.63	5.21	54.0	7.37	AV	290.99	150	Horizontal	Pass
2	5070.050	58.53	5.23	74.0	15.47	Peak	19.00	150	Horizontal	Pass
2**	5070.050	46.92	5.23	54.0	7.08	AV	19.00	150	Horizontal	Pass

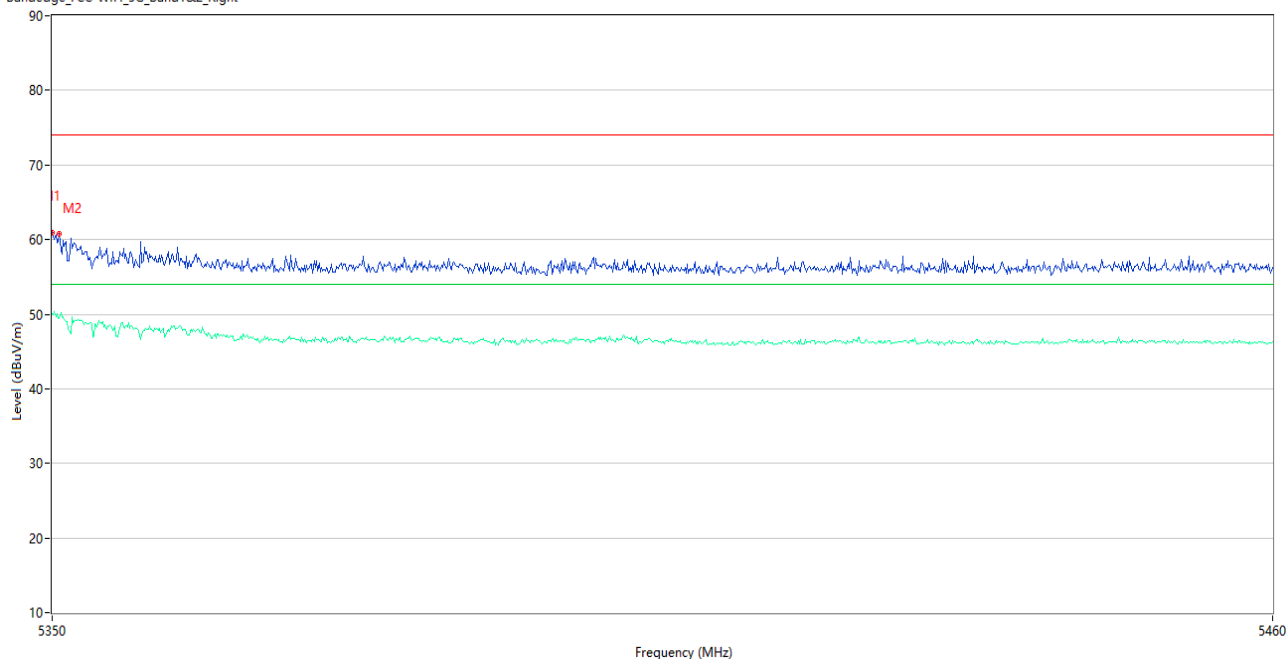
U-NII-2A 11a Low Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	55.87	5.21	74.0	18.13	Peak	191.97	150	Vertical	Pass
1**	5150.000	46.71	5.21	54.0	7.29	AV	191.97	150	Vertical	Pass
2	5111.000	58.56	5.10	74.0	15.44	Peak	276.00	150	Vertical	Pass
2**	5111.000	46.73	5.10	54.0	7.27	AV	276.00	150	Vertical	Pass

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

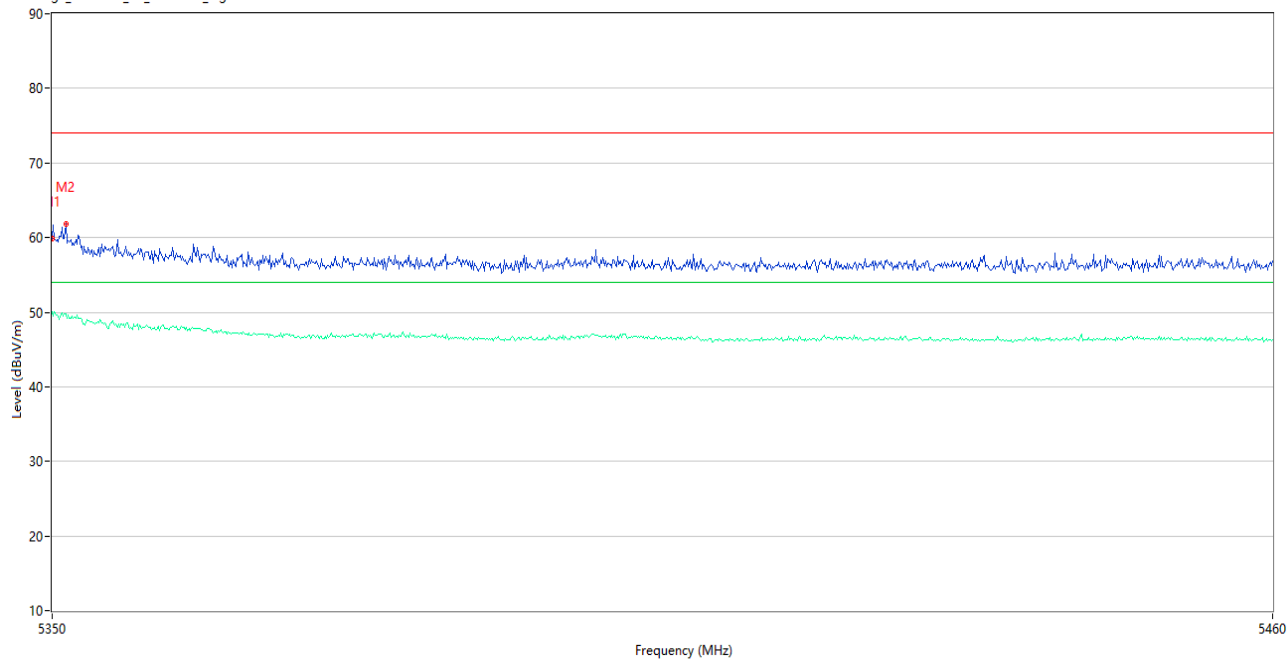
Bandedge_FCC-WIFI_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.90	5.40	74.0	13.10	Peak	265.00	150	Horizontal	Pass
1**	5350.000	50.10	5.40	54.0	3.90	AV	265.00	150	Horizontal	Pass
2	5350.660	60.84	5.42	74.0	13.16	Peak	259.00	150	Horizontal	Pass
2**	5350.660	49.49	5.42	54.0	4.51	AV	259.00	150	Horizontal	Pass

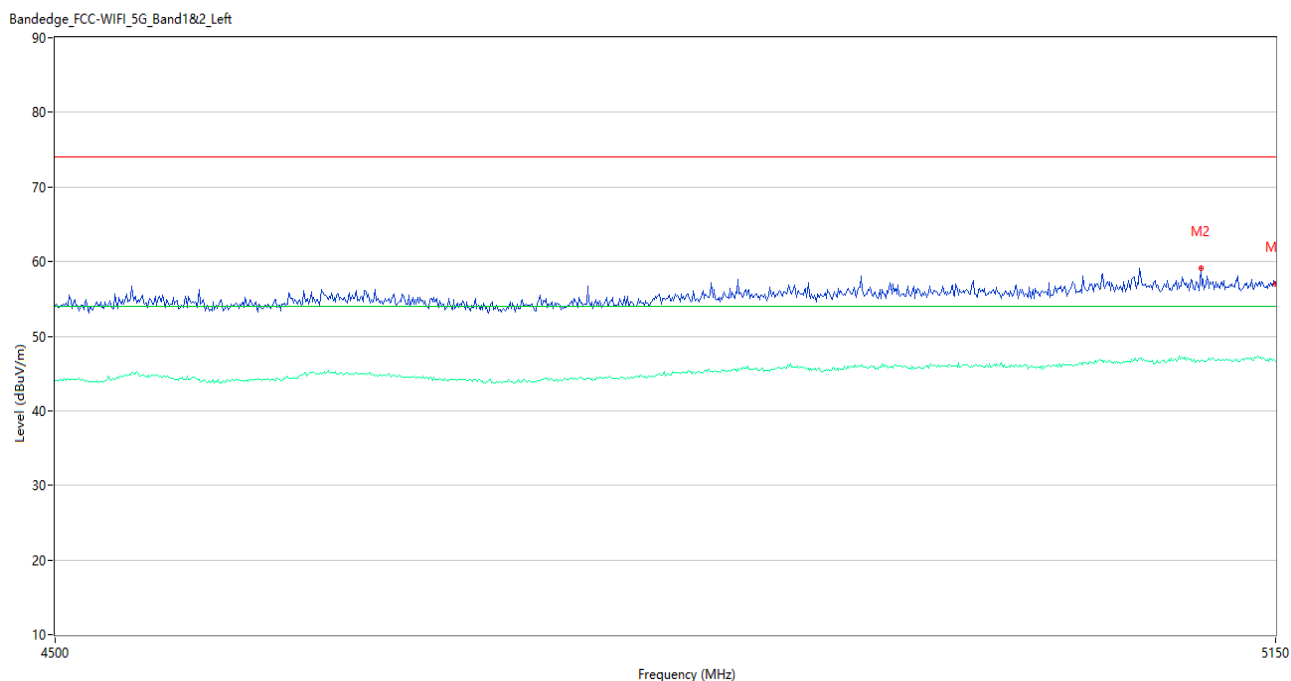
U-NII-2A 11a High Channel, ANT V

Bandedge_FCC-WIFI_5G_Band1&2_Right



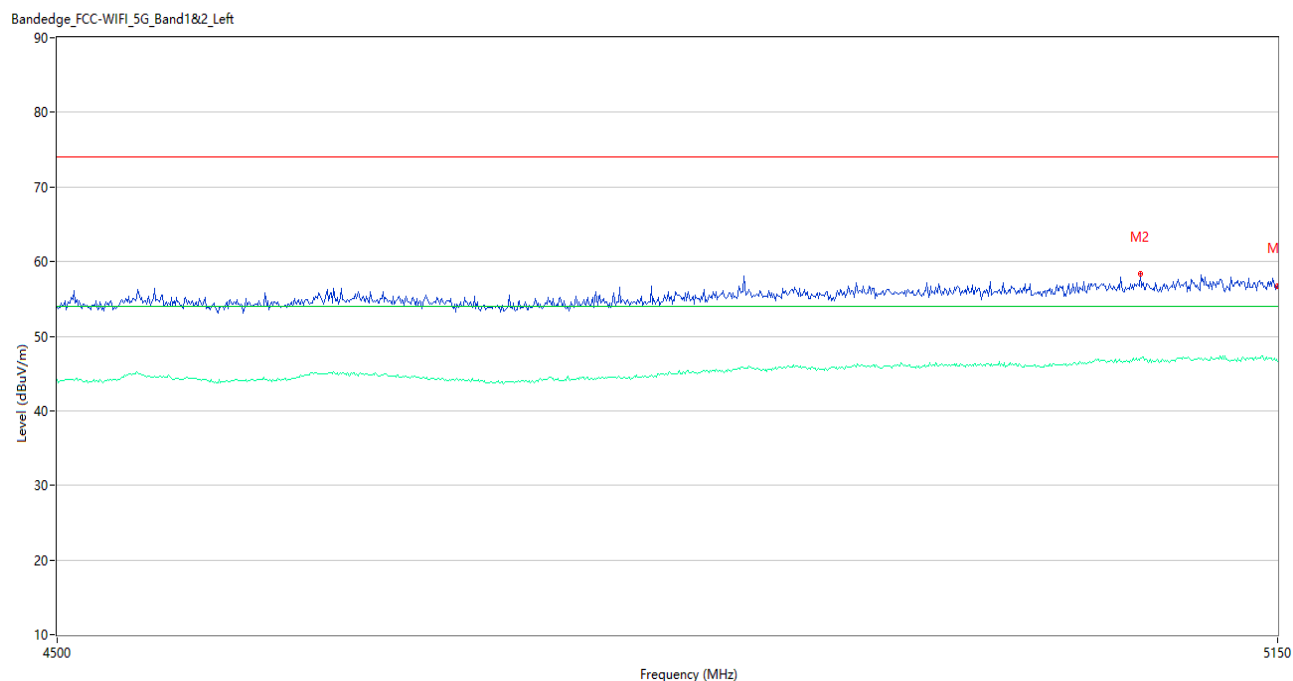
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.88	5.40	74.0	14.12	Peak	265.00	150	Vertical	Pass
1**	5350.000	50.13	5.40	54.0	3.87	AV	265.00	150	Vertical	Pass
2	5351.210	61.77	5.43	74.0	12.23	Peak	261.00	150	Vertical	Pass
2**	5351.210	49.76	5.43	54.0	4.24	AV	261.00	150	Vertical	Pass

U-NII-2A 11n20 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	56.94	5.21	74.0	17.06	Peak	297.00	150	Horizontal	Pass
1**	5150.000	46.55	5.21	54.0	7.45	AV	297.00	150	Horizontal	Pass
2	5107.750	59.15	5.06	74.0	14.85	Peak	47.00	150	Horizontal	Pass
2**	5107.750	46.74	5.06	54.0	7.26	AV	47.00	150	Horizontal	Pass

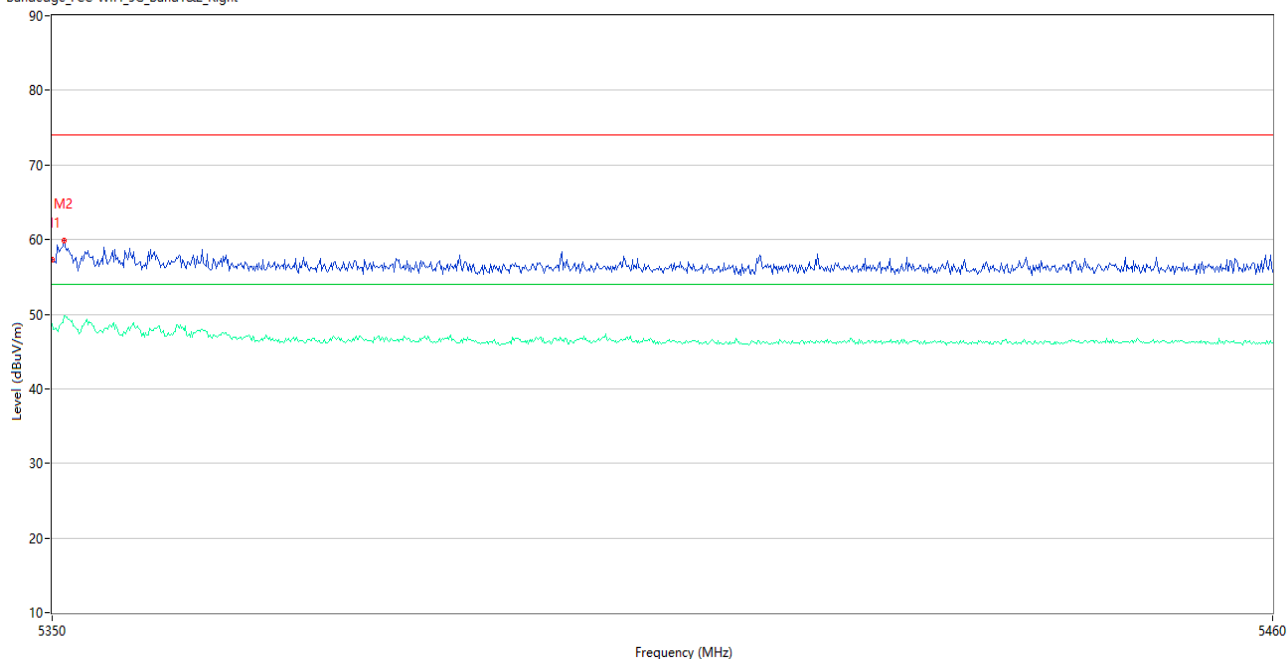
U-NII-2A 11n20 Low Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.77	5.21	74.0	17.23	Peak	39.01	150	Vertical	Pass
1**	5150.000	46.57	5.21	54.0	7.43	AV	39.01	150	Vertical	Pass
2	5072.650	58.31	5.15	74.0	15.69	Peak	351.00	150	Vertical	Pass
2**	5072.650	47.02	5.15	54.0	6.98	AV	351.00	150	Vertical	Pass

U-NII-2A 11n20 High Channel, ANT H

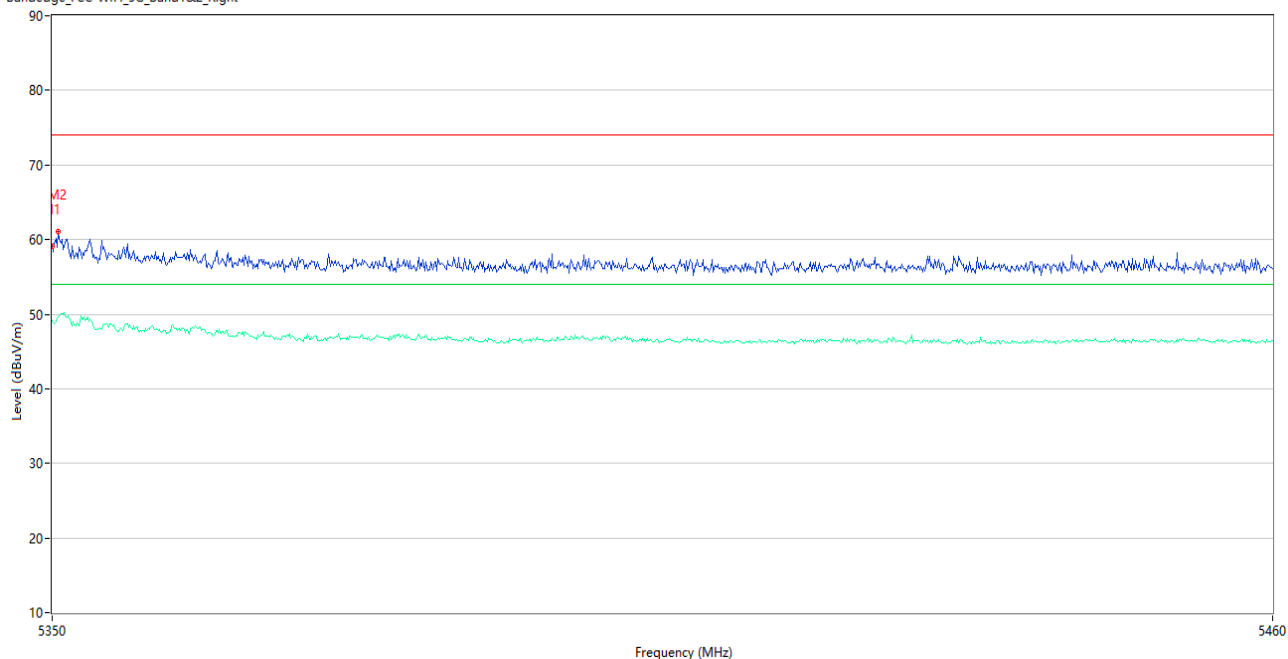
Bandedge_FCC-WIFI_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.37	5.40	74.0	16.63	Peak	234.00	150	Horizontal	Pass
1**	5350.000	48.78	5.40	54.0	5.22	AV	234.00	150	Horizontal	Pass
2	5351.100	59.87	5.43	74.0	14.13	Peak	260.00	150	Horizontal	Pass
2**	5351.100	49.71	5.43	54.0	4.29	AV	260.00	150	Horizontal	Pass

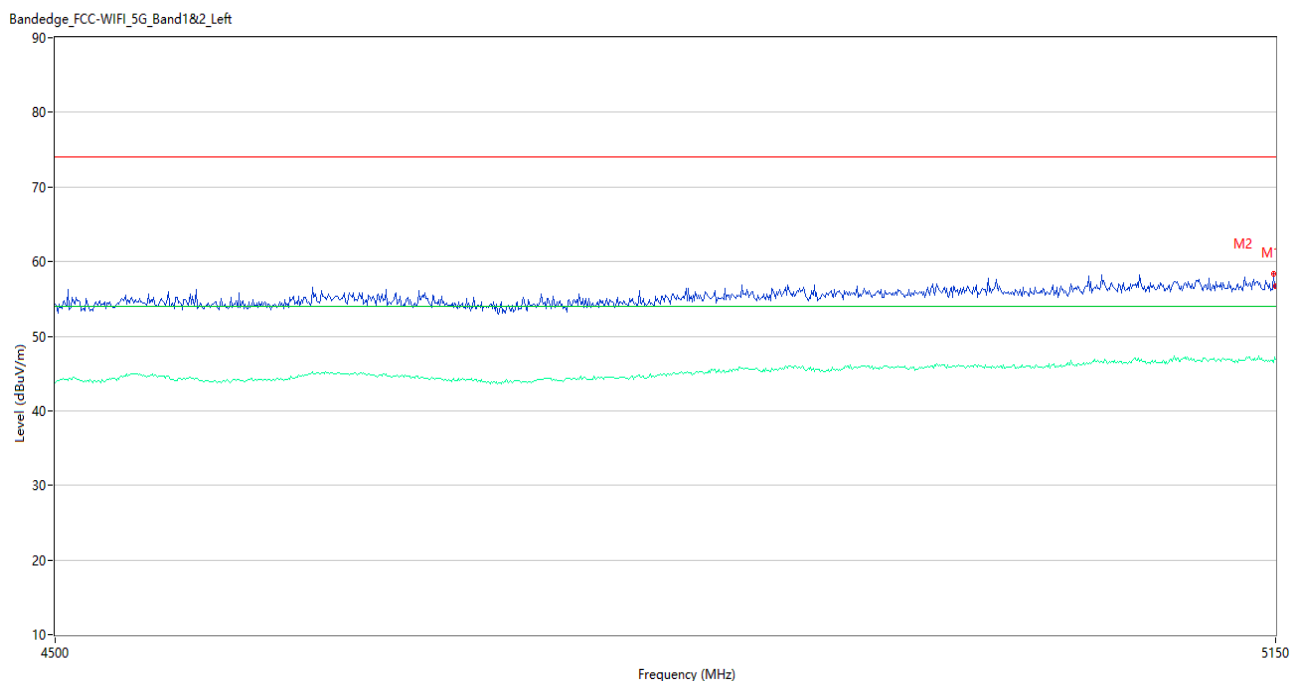
U-NII-2A 11n20 High Channel, ANT V

Bandedge_FCC-WIFI_5G_Band1&2_Right



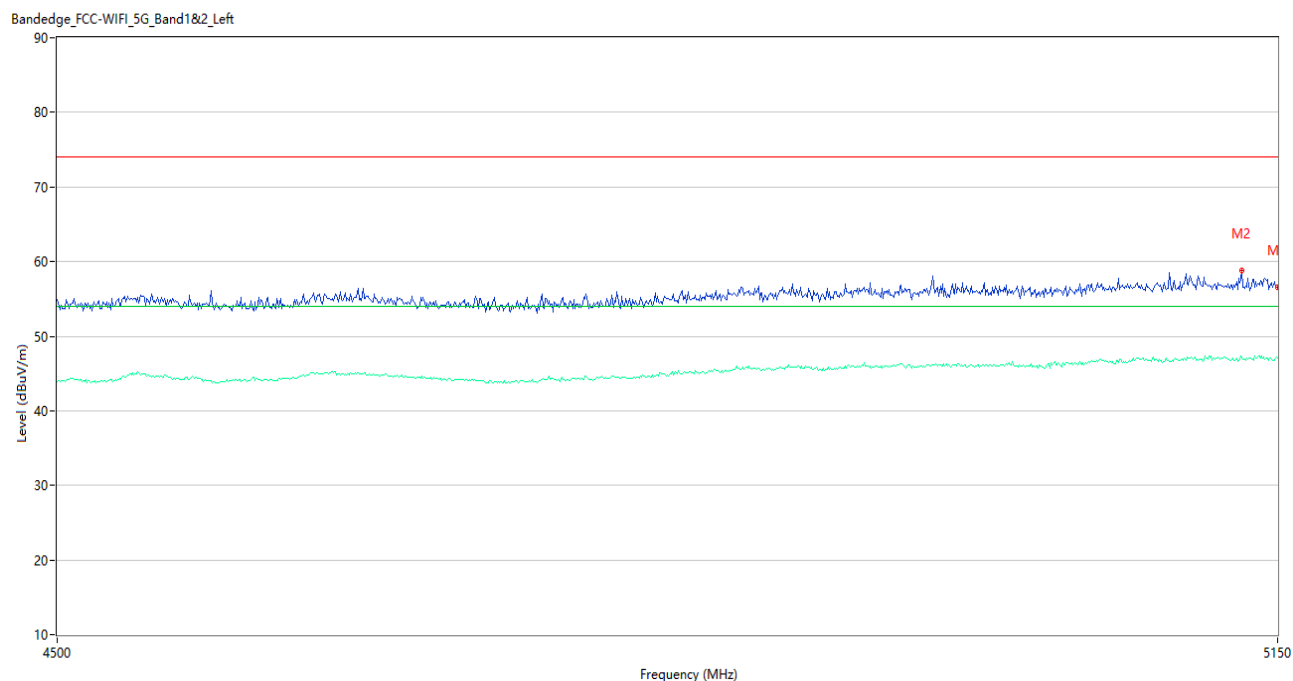
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.04	5.40	74.0	14.96	Peak	328.00	150	Vertical	Pass
1**	5350.000	49.17	5.40	54.0	4.83	AV	328.00	150	Vertical	Pass
2	5350.550	61.02	5.42	74.0	12.98	Peak	310.00	150	Vertical	Pass
2**	5350.550	49.64	5.42	54.0	4.36	AV	310.00	150	Vertical	Pass

U-NII-2A 11n40 Low Channel, ANT H



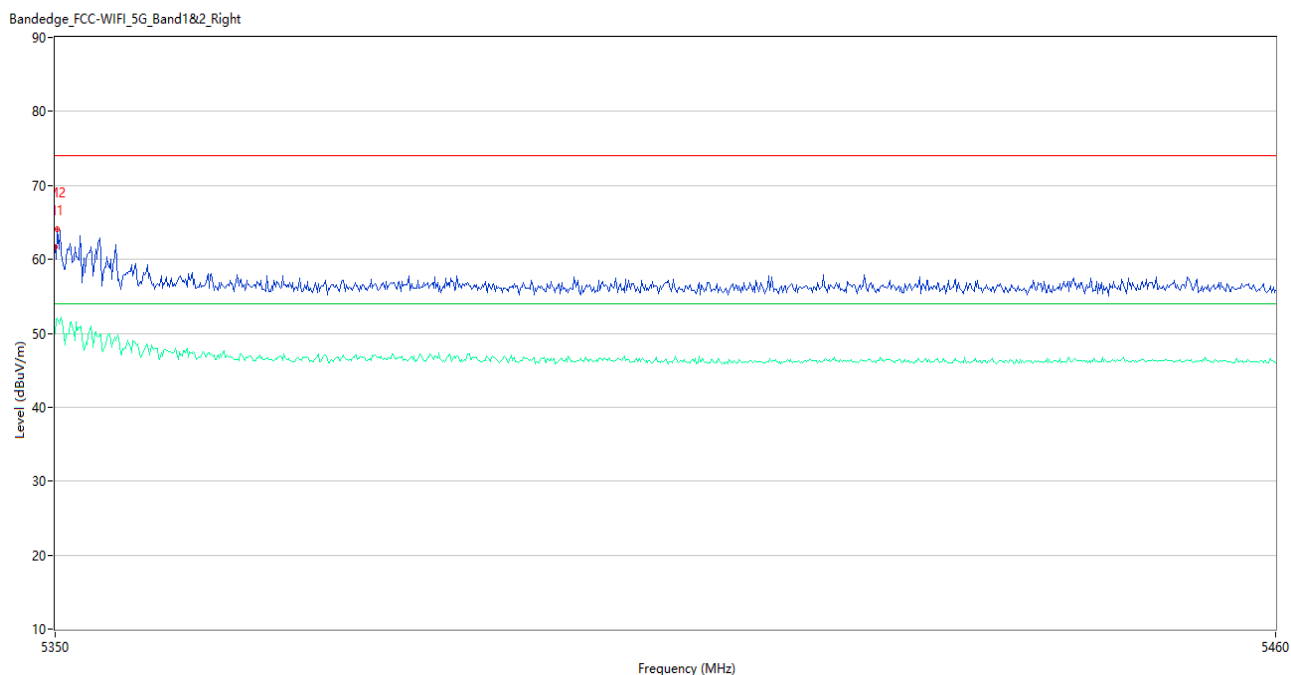
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.73	5.21	74.0	17.27	Peak	74.06	150	Horizontal	Pass
1**	5150.000	46.97	5.21	54.0	7.03	AV	74.06	150	Horizontal	Pass
2	5148.700	58.32	5.23	74.0	15.68	Peak	286.00	150	Horizontal	Pass
2**	5148.700	46.53	5.23	54.0	7.47	AV	286.00	150	Horizontal	Pass

U-NII-2A 11n40 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	56.50	5.21	74.0	17.50	Peak	57.99	150	Vertical	Pass
1**	5150.000	47.02	5.21	54.0	6.98	AV	57.99	150	Vertical	Pass
2	5129.850	58.74	5.25	74.0	15.26	Peak	88.00	150	Vertical	Pass
2**	5129.850	47.27	5.25	54.0	6.73	AV	88.00	150	Vertical	Pass

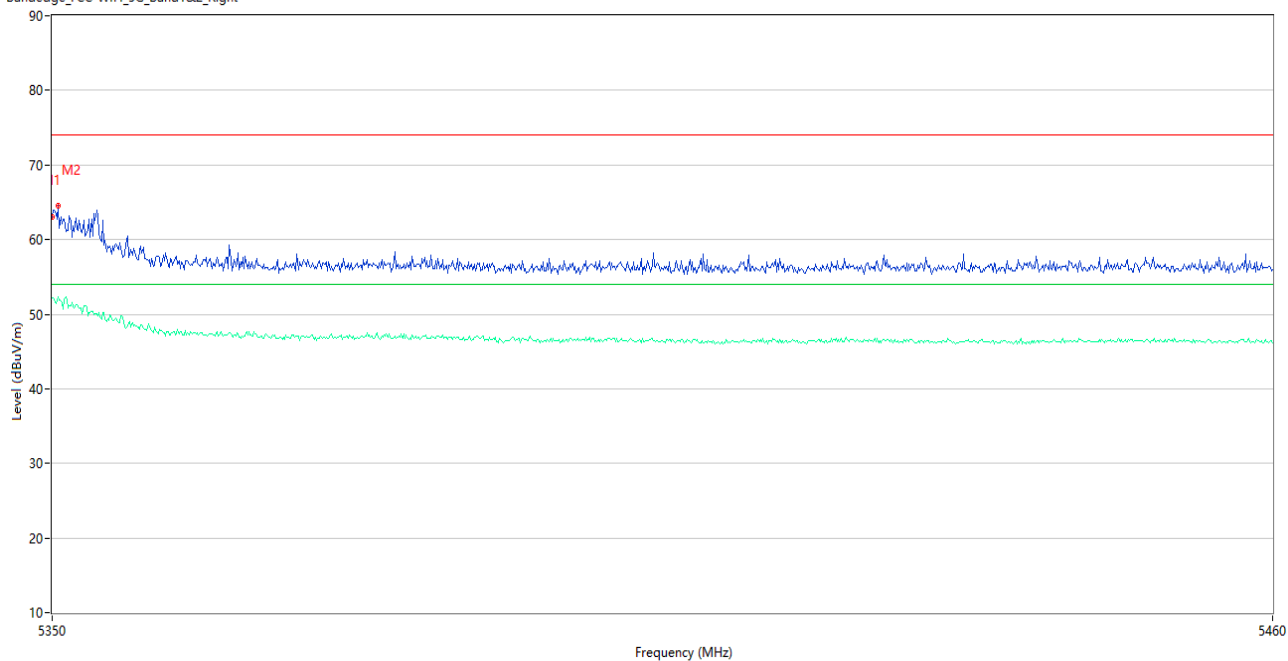
U-NII-2A 11n40 High Channel, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.71	5.40	74.0	12.29	Peak	277.00	150	Horizontal	Pass
1**	5350.000	49.98	5.40	54.0	4.02	AV	277.00	150	Horizontal	Pass
2	5350.220	64.08	5.41	74.0	9.92	Peak	277.00	150	Horizontal	Pass
2**	5350.220	52.05	5.41	54.0	1.95	AV	277.00	150	Horizontal	Pass

U-NII-2A 11n40 High Channel, ANT V

Bandedge_FCC-WIFI_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	63.00	5.40	74.0	11.00	Peak	130.00	150	Vertical	Pass
1**	5350.000	52.18	5.40	54.0	1.82	AV	130.00	150	Vertical	Pass
2	5350.550	64.54	5.42	74.0	9.46	Peak	265.00	150	Vertical	Pass
2**	5350.550	52.31	5.42	54.0	1.69	AV	265.00	150	Vertical	Pass

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

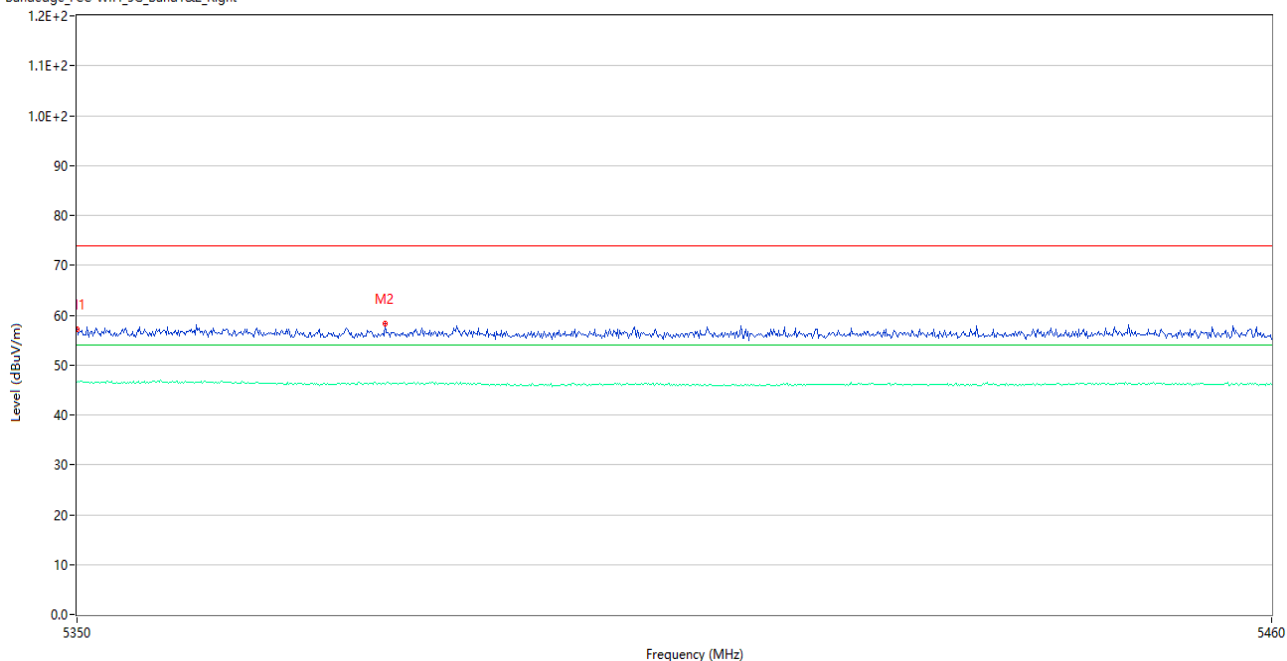
Bandedge_FCC-WIFI_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.01	5.40	74.0	12.99	Peak	223.00	150	Horizontal	Pass
1**	5350.000	50.38	5.40	54.0	3.62	AV	223.00	150	Horizontal	Pass
2	5355.610	62.14	5.56	74.0	11.86	Peak	219.00	150	Horizontal	Pass
2**	5355.610	49.74	5.56	54.0	4.26	AV	219.00	150	Horizontal	Pass

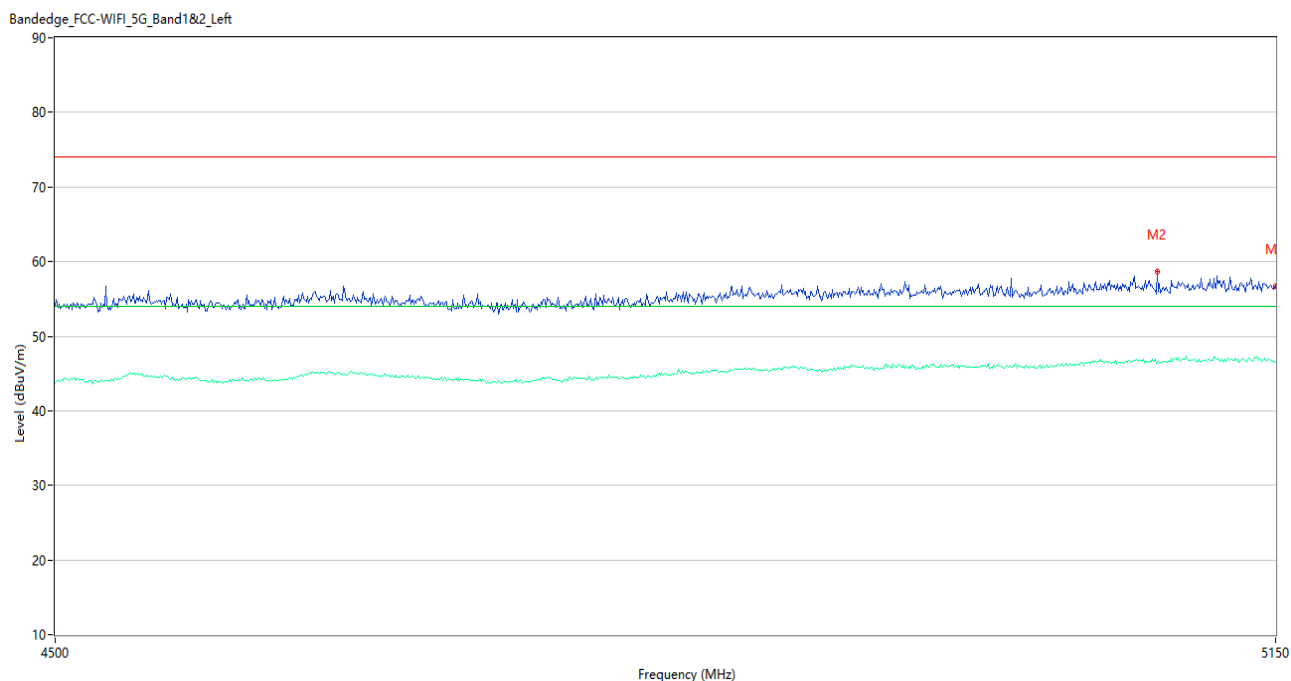
U-NII-2A 11ac80 Middle Channel, ANT V

Bandedge_FCC-WIFI_5G_Band1&2_Right



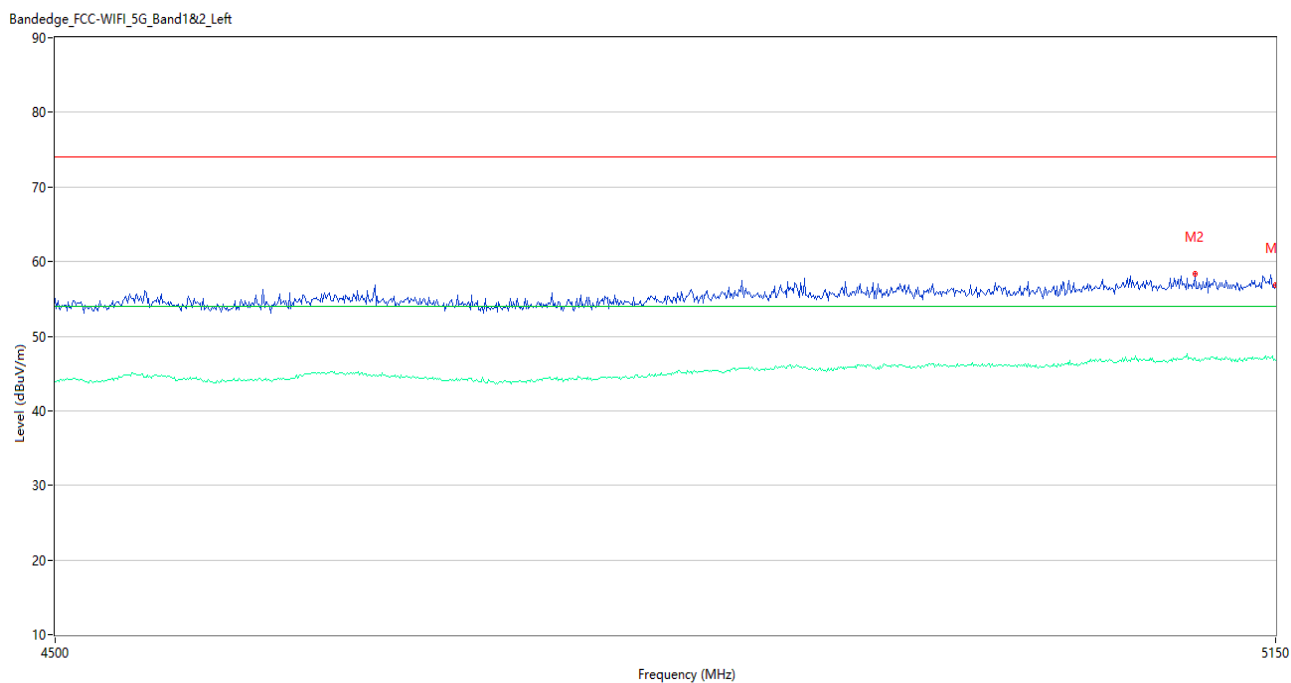
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.22	5.40	74.0	16.78	Peak	237.00	150	Vertical	Pass
1**	5350.000	46.49	5.40	54.0	7.51	AV	237.00	150	Vertical	Pass
2	5378.160	58.32	5.63	74.0	15.68	Peak	306.00	150	Vertical	Pass
2**	5378.160	46.19	5.63	54.0	7.81	AV	306.00	150	Vertical	Pass

U-NII-2A 11ax20 (SU) 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	56.64	5.21	74.0	17.36	Peak	0.02	150	Horizontal	Pass
1**	5150.000	46.62	5.21	54.0	7.38	AV	0.02	150	Horizontal	Pass
2	5083.050	58.67	4.87	74.0	15.33	Peak	83.00	150	Horizontal	Pass
2**	5083.050	46.63	4.87	54.0	7.37	AV	83.00	150	Horizontal	Pass

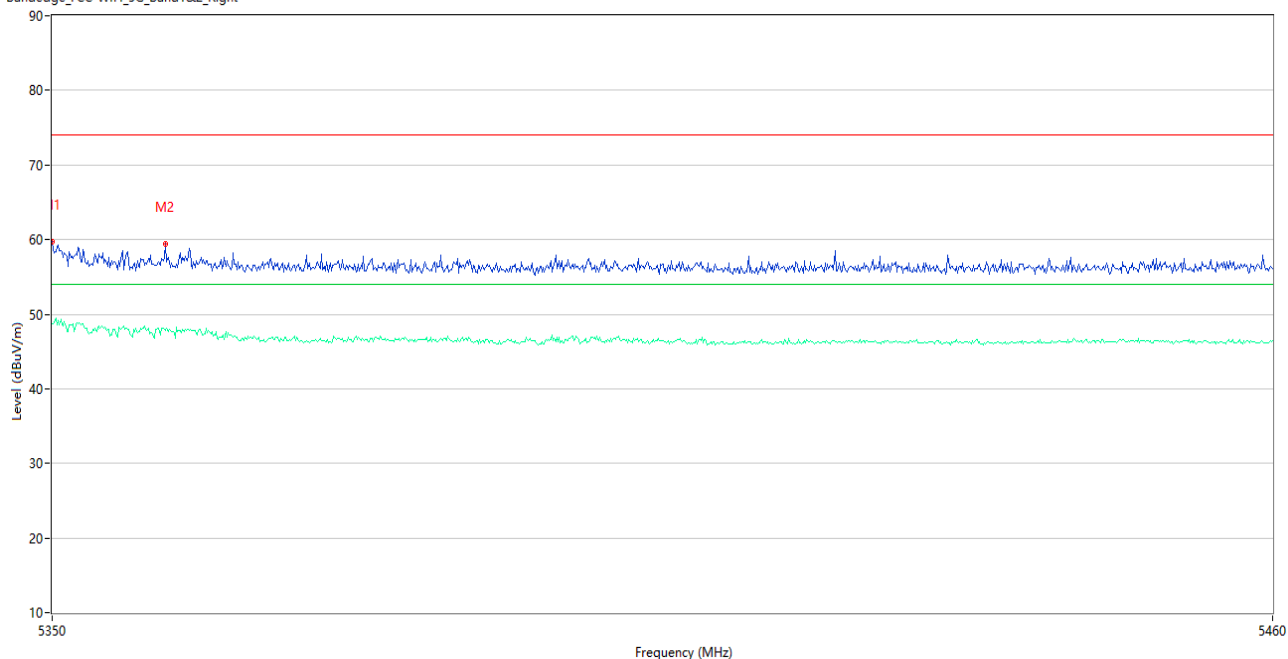
U-NII-2A 11ax20 (SU) Low Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.79	5.21	74.0	17.21	Peak	51.05	150	Vertical	Pass
1**	5150.000	46.75	5.21	54.0	7.25	AV	51.05	150	Vertical	Pass
2	5104.500	58.35	5.16	74.0	15.65	Peak	294.00	150	Vertical	Pass
2**	5104.500	47.08	5.16	54.0	6.92	AV	294.00	150	Vertical	Pass

U-NII-2A 11ax20 (SU) High Channel, ANT H

Bandedge_FCC-WIFI_5G_Band1&2_Right



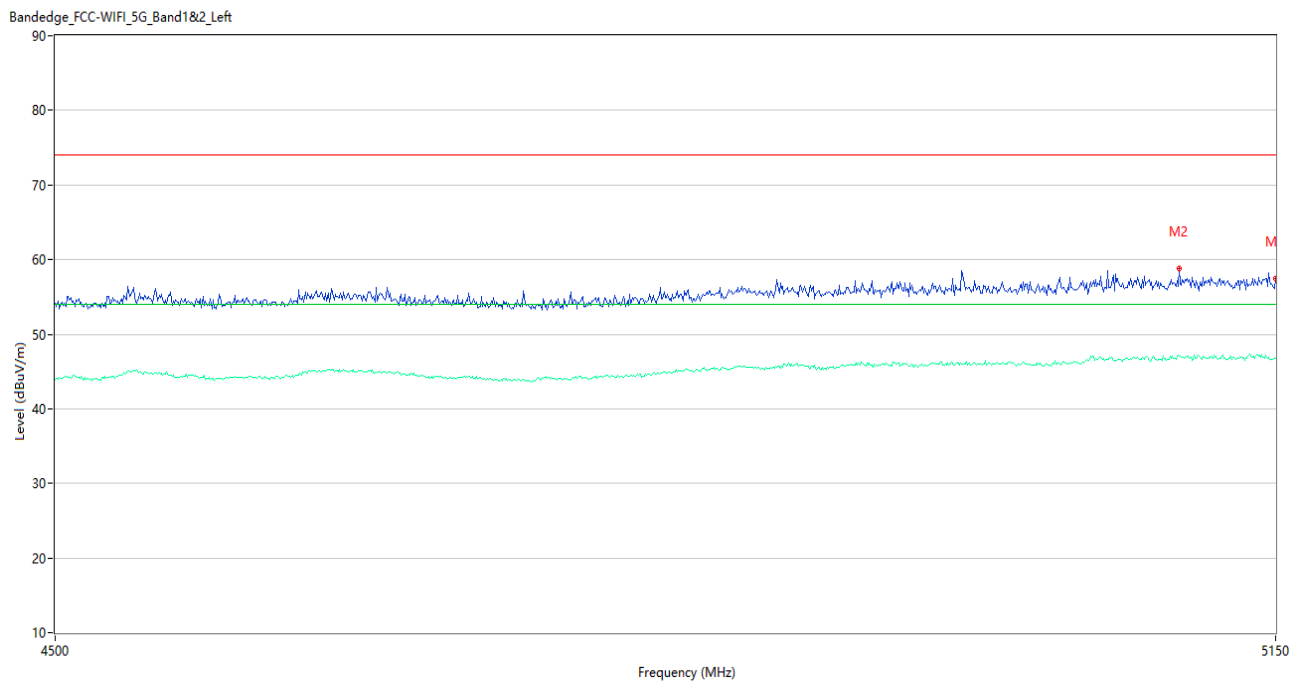
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.70	5.40	74.0	14.30	Peak	268.00	150	Horizontal	Pass
1**	5350.000	48.79	5.40	54.0	5.21	AV	268.00	150	Horizontal	Pass
2	5360.120	59.38	5.70	74.0	14.62	Peak	265.00	150	Horizontal	Pass
2**	5360.120	47.89	5.70	54.0	6.11	AV	265.00	150	Horizontal	Pass

U-NII-2A 11ax20 (SU) High Channel, ANT V



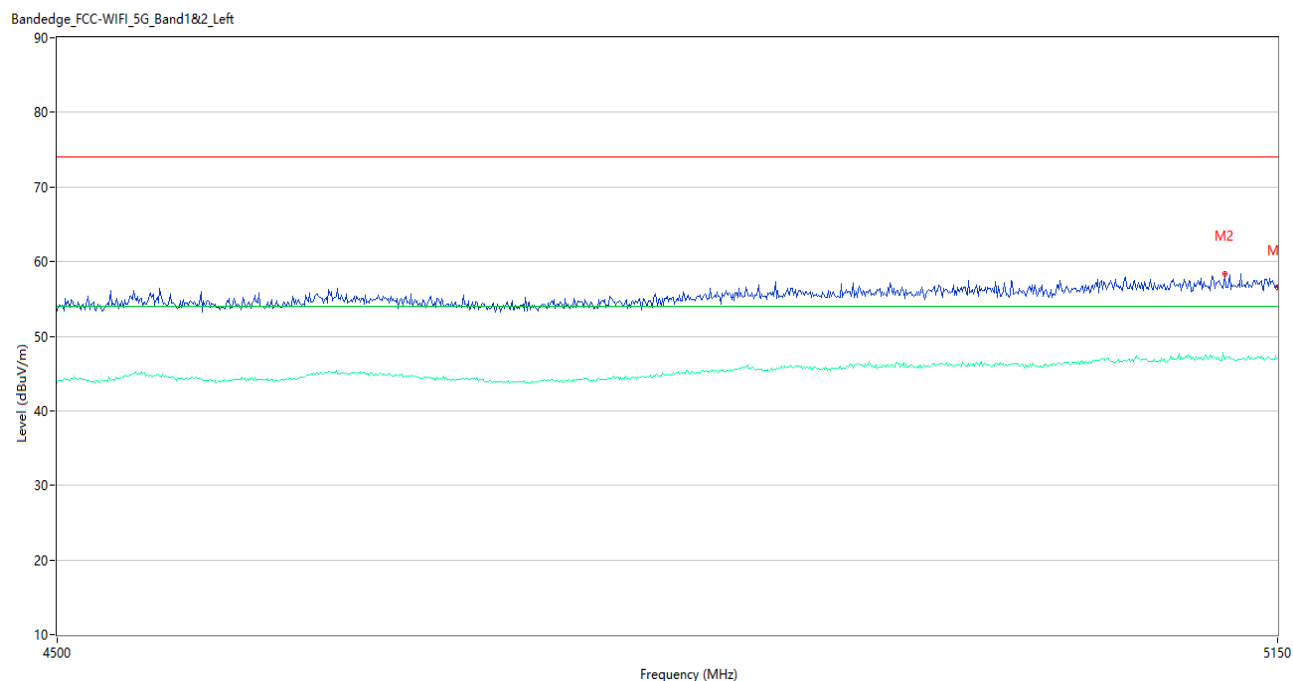
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.64	5.40	74.0	15.36	Peak	265.00	150	Vertical	Pass
1**	5350.000	48.73	5.40	54.0	5.27	AV	265.00	150	Vertical	Pass
2	5352.970	60.22	5.48	74.0	13.78	Peak	278.00	150	Vertical	Pass
2**	5352.970	48.10	5.48	54.0	5.90	AV	278.00	150	Vertical	Pass

U-NII-2A 11ax40 (SU) 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	57.46	5.21	74.0	16.54	Peak	359.94	150	Horizontal	Pass
1**	5150.000	46.72	5.21	54.0	7.28	AV	359.94	150	Horizontal	Pass
2	5095.400	58.75	5.26	74.0	15.25	Peak	158.00	150	Horizontal	Pass
2**	5095.400	47.01	5.26	54.0	6.99	AV	158.00	150	Horizontal	Pass

U-NII-2A 11ax40 (SU) 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	56.55	5.21	74.0	17.45	Peak	314.98	150	Vertical	Pass
1**	5150.000	47.02	5.21	54.0	6.98	AV	314.98	150	Vertical	Pass
2	5120.100	58.41	5.17	74.0	15.59	Peak	0.00	150	Vertical	Pass
2**	5120.100	46.96	5.17	54.0	7.04	AV	0.00	150	Vertical	Pass

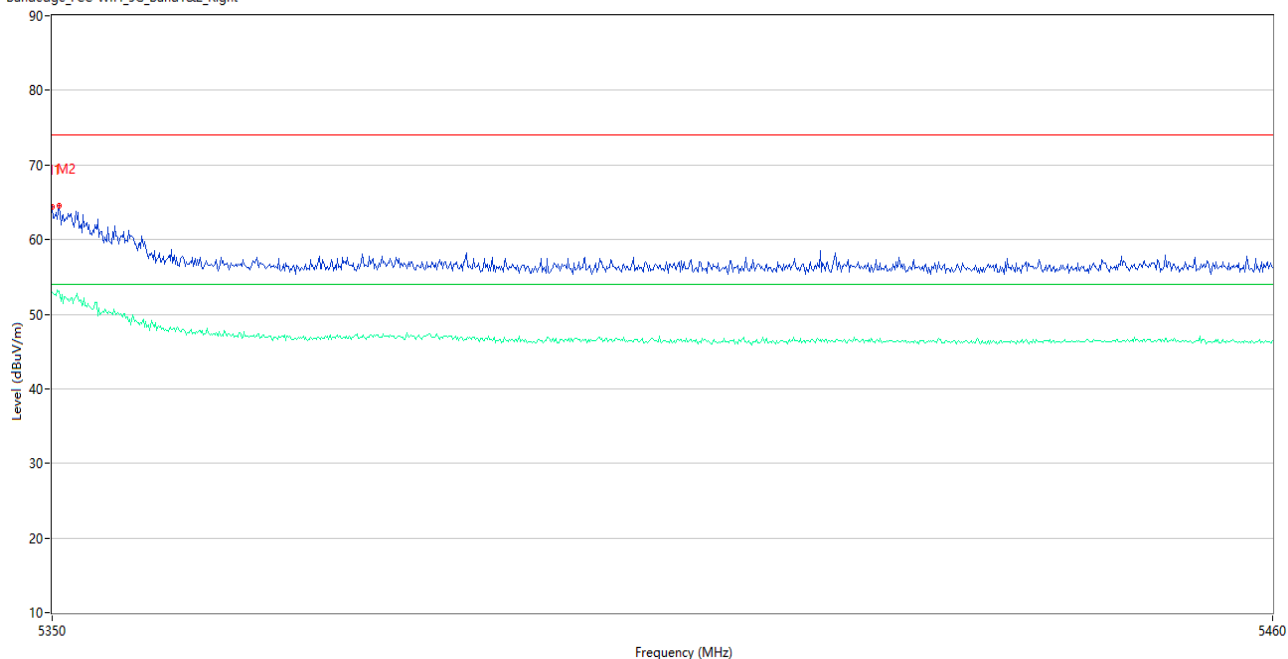
U-NII-2A 11ax40 (SU) High Channel, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.74	5.40	74.0	13.26	Peak	233.00	150	Horizontal	Pass
1**	5350.000	49.67	5.40	54.0	4.33	AV	233.00	150	Horizontal	Pass
2	5351.980	63.18	5.45	74.0	10.82	Peak	268.00	150	Horizontal	Pass
2**	5351.980	52.00	5.45	54.0	2.00	AV	268.00	150	Horizontal	Pass

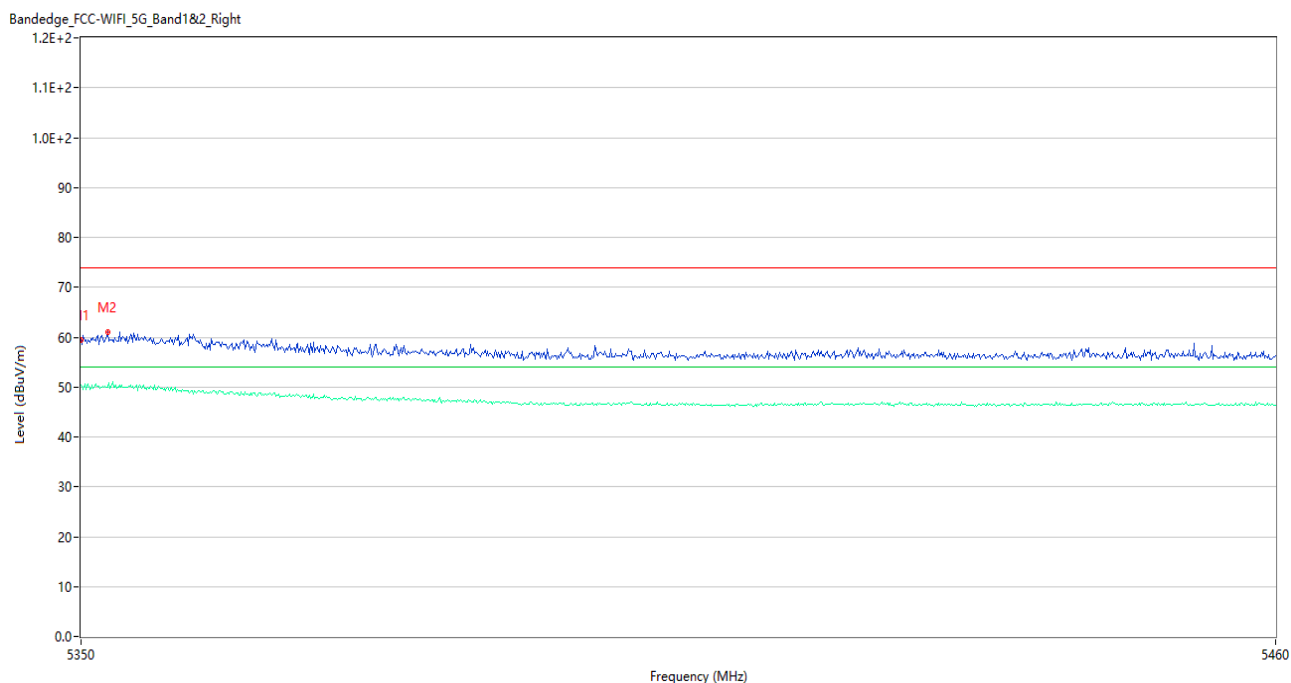
U-NII-2A 11ax40 (SU) High Channel, ANT V

Bandedge_FCC-WIFI_5G_Band1&2_Right



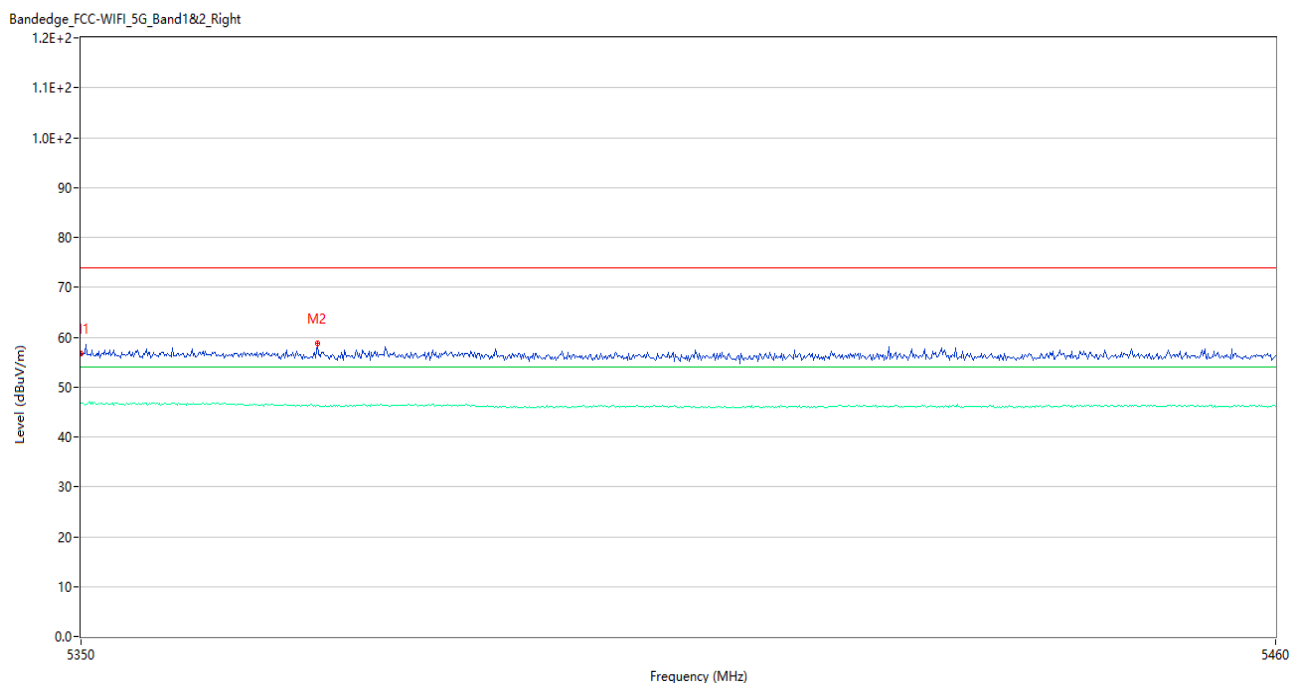
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.44	5.40	74.0	9.56	Peak	253.00	150	Vertical	Pass
1**	5350.000	53.00	5.40	54.0	1.00	AV	253.00	150	Vertical	Pass
2	5350.660	64.51	5.42	74.0	9.49	Peak	277.00	150	Vertical	Pass
2**	5350.660	53.02	5.42	54.0	0.98	AV	277.00	150	Vertical	Pass

U-NII-2A 11ax80 (SU) Middle Channel, ANT H



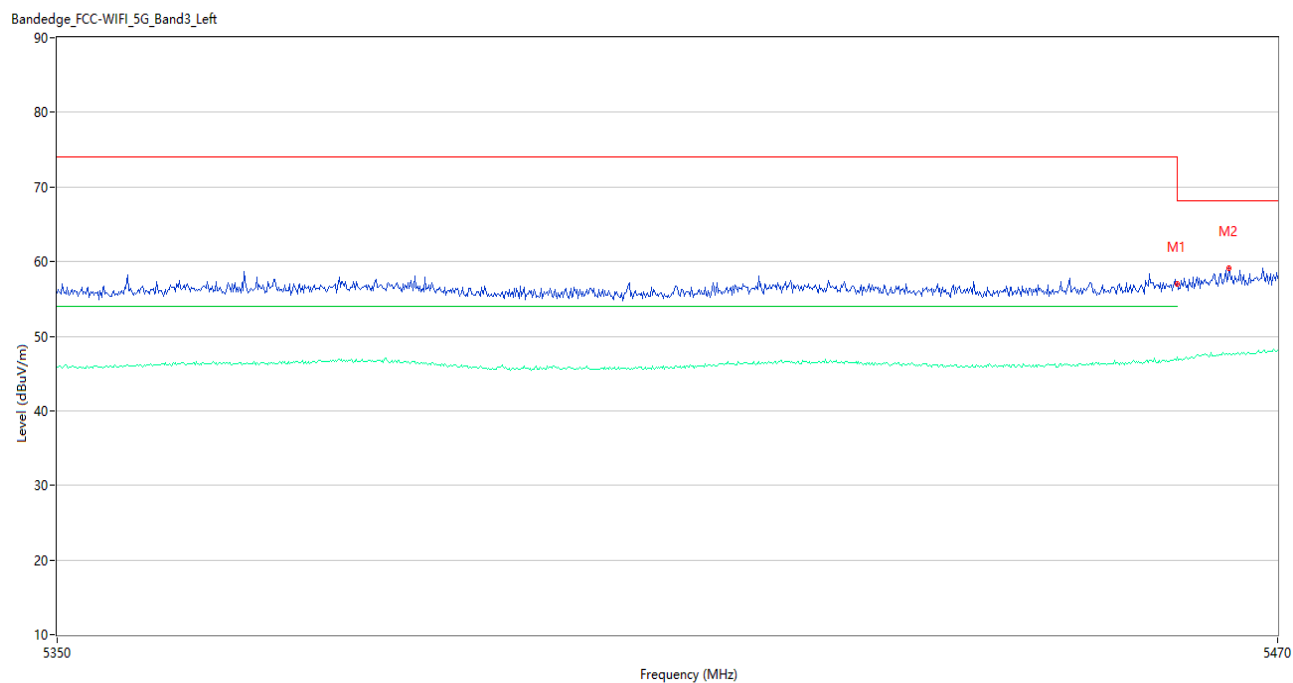
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.45	5.40	74.0	14.55	Peak	231.00	150	Horizontal	Pass
1**	5350.000	50.47	5.40	54.0	3.53	AV	231.00	150	Horizontal	Pass
2	5352.420	61.00	5.46	74.0	13.00	Peak	231.00	150	Horizontal	Pass
2**	5352.420	49.85	5.46	54.0	4.15	AV	231.00	150	Horizontal	Pass

U-NII-2A 11ax80 (SU) Middle Channel, ANT V



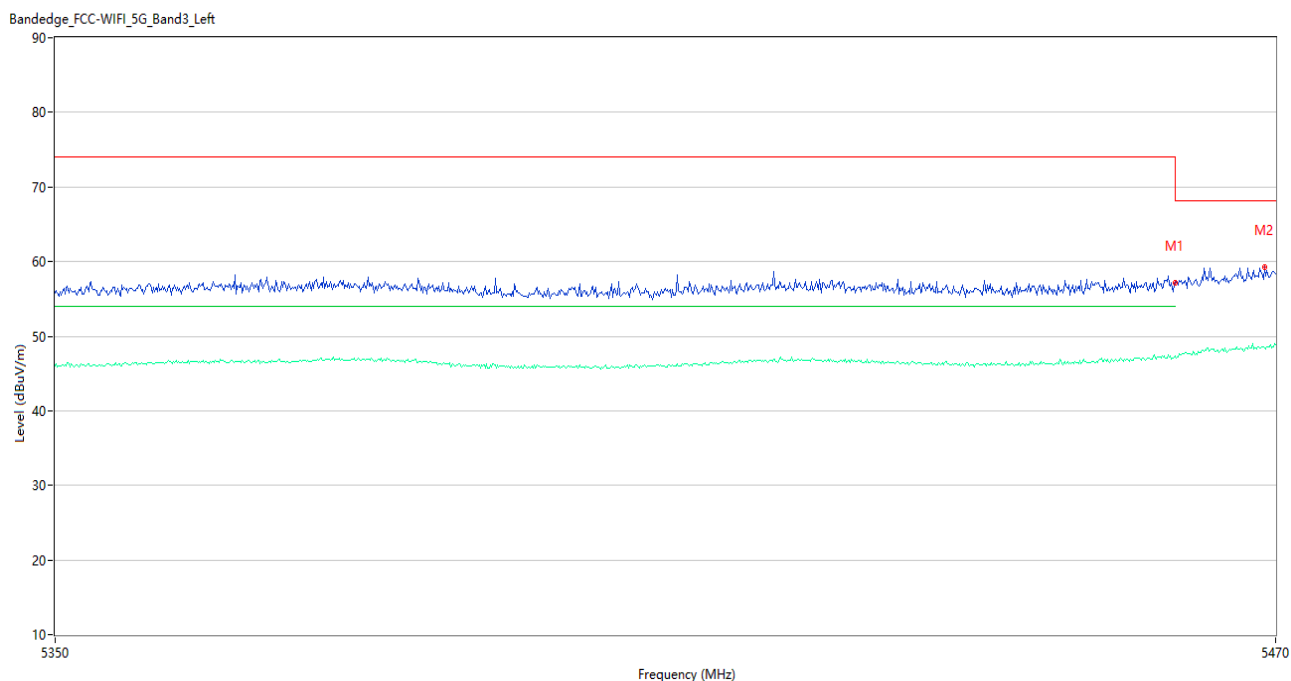
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.73	5.40	74.0	17.27	Peak	291.00	150	Vertical	Pass
1**	5350.000	46.82	5.40	54.0	7.18	AV	291.00	150	Vertical	Pass
2	5371.560	58.75	5.41	74.0	15.25	Peak	68.00	150	Vertical	Pass
2**	5371.560	46.24	5.41	54.0	7.76	AV	68.00	150	Vertical	Pass

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



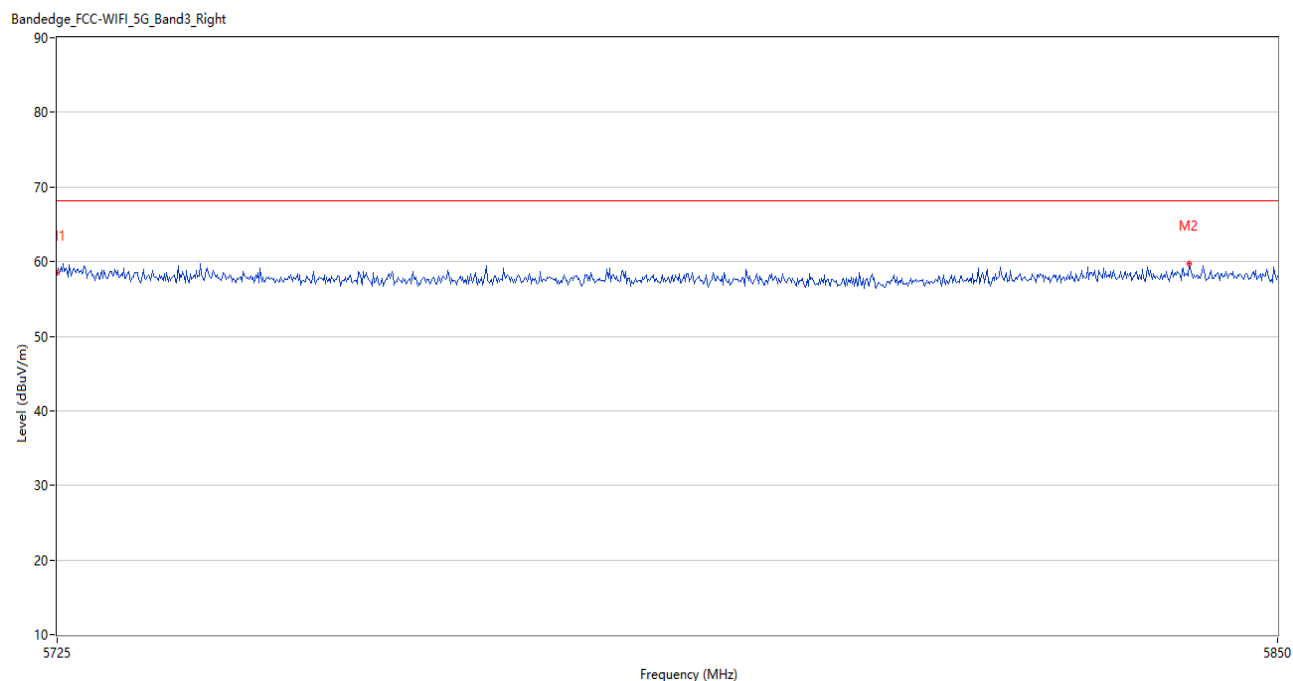
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.85	5.38	68.2	11.35	Peak	237.75	150	Horizontal	Pass
1**	5460.000	47.02	5.38	54.0	6.98	AV	237.75	150	Horizontal	Pass
2	5465.200	59.15	5.59	68.2	9.05	Peak	278.00	150	Horizontal	Pass
2**	5465.200	47.61	5.59	--	-47.61	AV	278.00	150	Horizontal	N/A

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



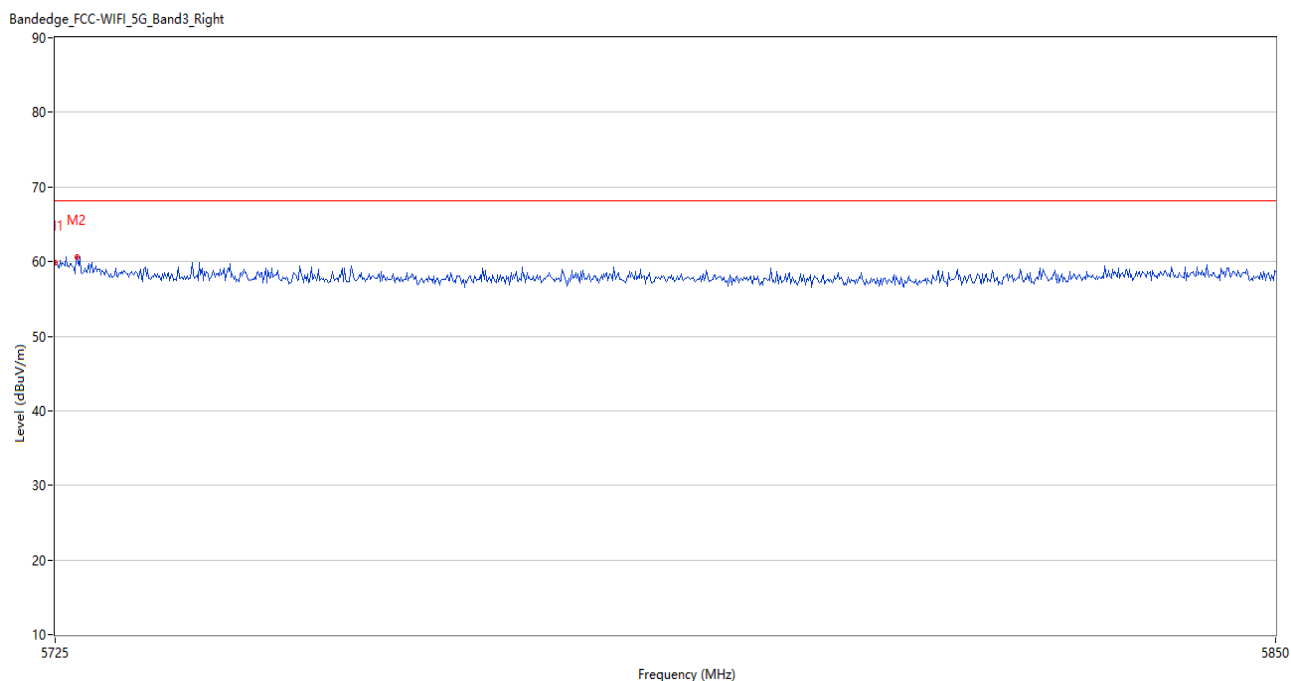
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	57.13	5.38	68.2	11.07	Peak	328.60	150	Vertical	Pass
1**	5460.000	47.32	5.38	54.0	6.68	AV	328.60	150	Vertical	Pass
2	5468.920	59.30	5.80	68.2	8.90	Peak	276.00	150	Vertical	Pass
2**	5468.920	48.35	5.80	--	-48.35	AV	276.00	150	Vertical	N/A

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



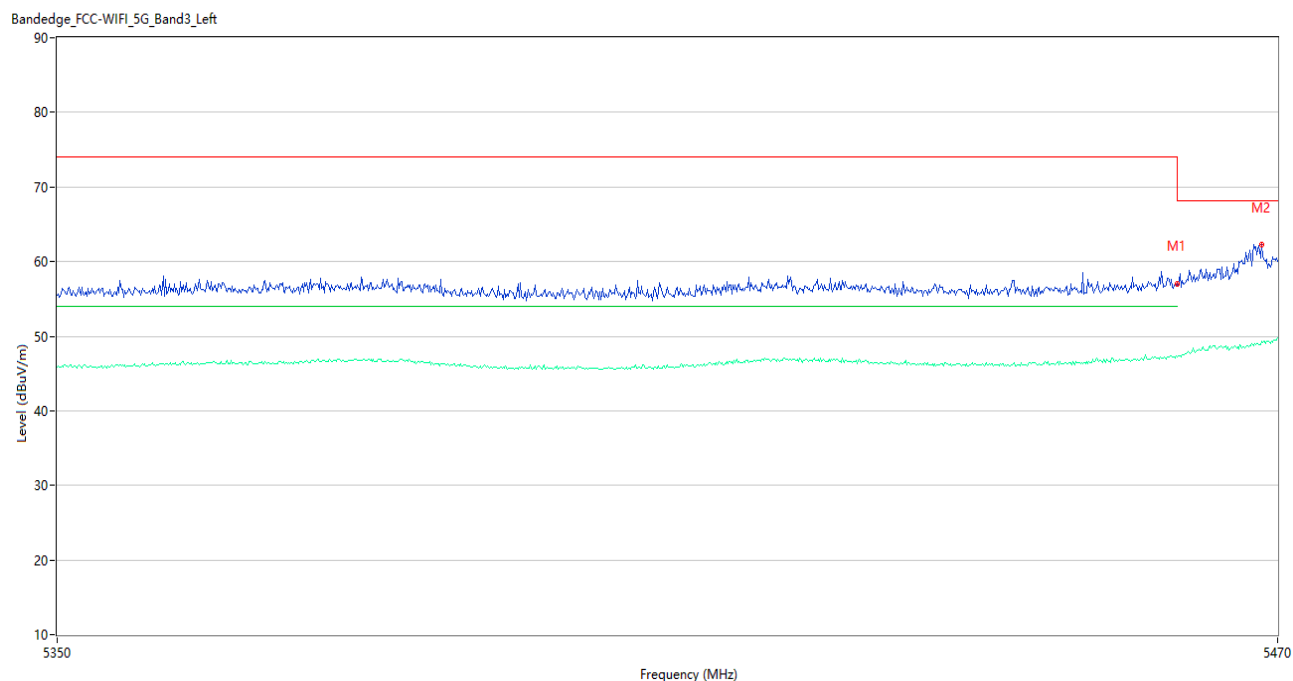
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.54	6.57	68.2	9.66	Peak	360.00	150	Horizontal	Pass
2	5840.875	59.77	7.20	68.2	8.43	Peak	105.00	150	Horizontal	Pass

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



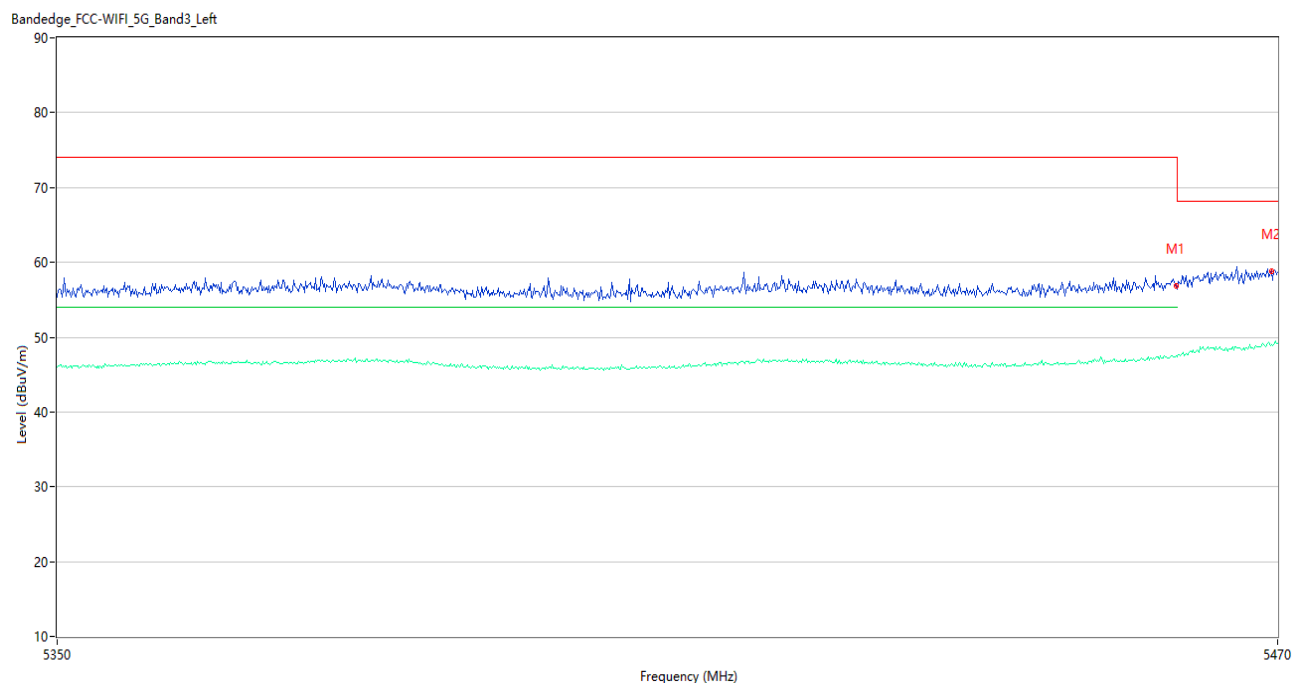
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.94	6.57	68.2	8.26	Peak	273.00	150	Vertical	Pass
2	5727.250	60.60	6.51	68.2	7.60	Peak	262.00	150	Vertical	Pass

U-NII-2C 11n20 Low Channel, ANT H



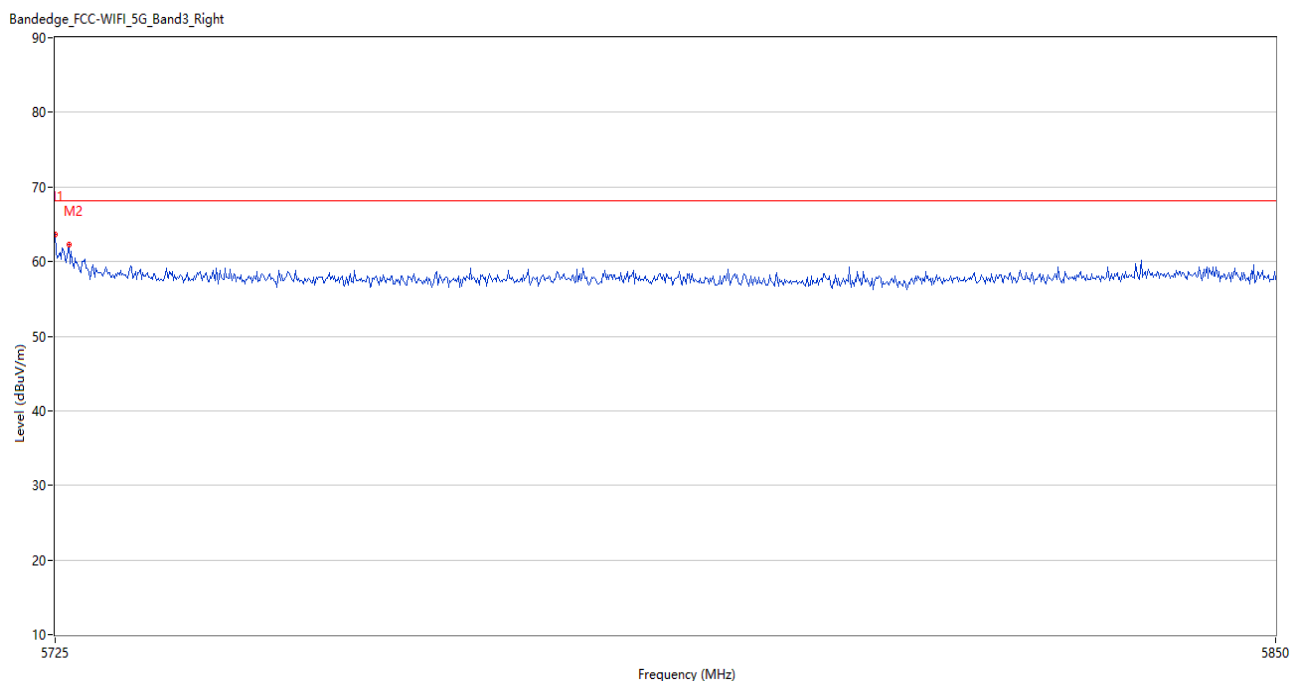
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.92	5.38	68.2	11.28	Peak	289.39	150	Horizontal	Pass
1**	5460.000	47.28	5.38	54.0	6.72	AV	289.39	150	Horizontal	Pass
2	5468.440	62.27	5.76	68.2	5.93	Peak	360.00	150	Horizontal	Pass
2**	5468.440	49.31	5.76	--	-49.31	AV	360.00	150	Horizontal	N/A

U-NII-2C 11n20 Low Channel, ANT V



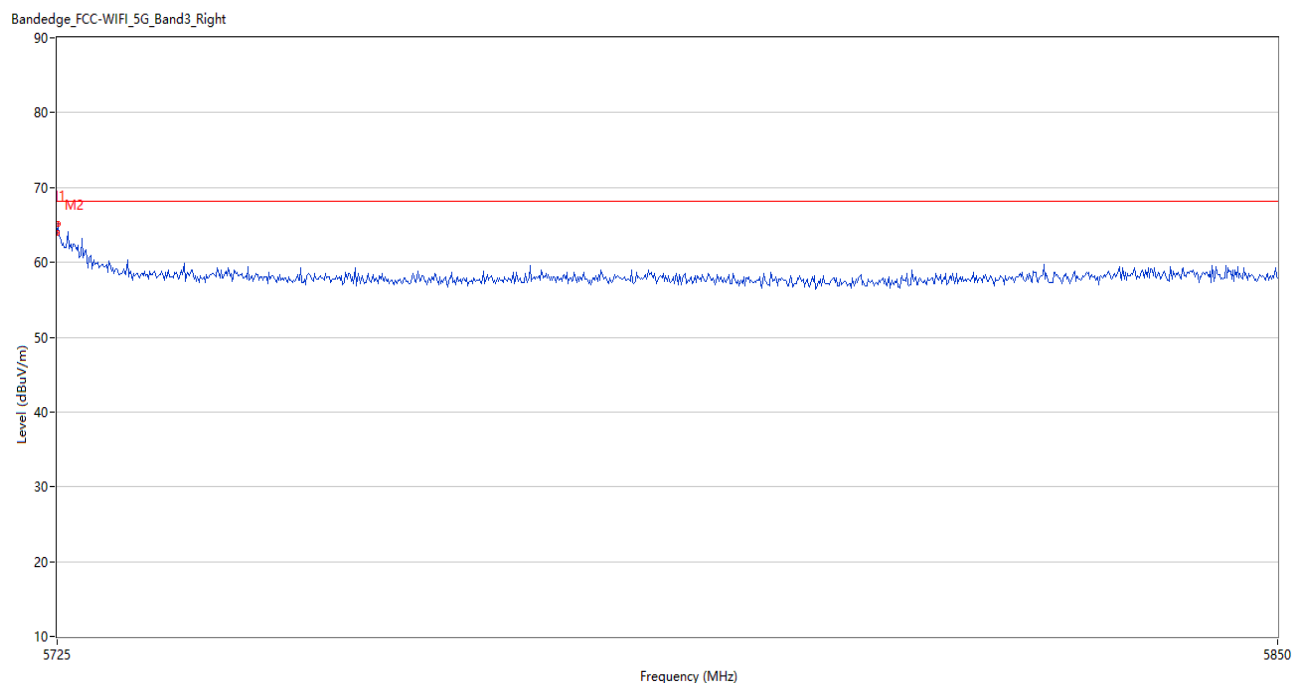
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.30	5.38	68.2	11.90	Peak	4.00	150	Vertical	Pass
1**	5460.000	46.79	5.38	54.0	7.21	AV	4.00	150	Vertical	Pass
2	5469.400	58.77	5.80	68.2	9.43	Peak	0.00	150	Vertical	Pass
2**	5469.400	48.10	5.80	--	-48.10	AV	0.00	150	Vertical	N/A

U-NII-2C 11n20 High Channel, ANT H



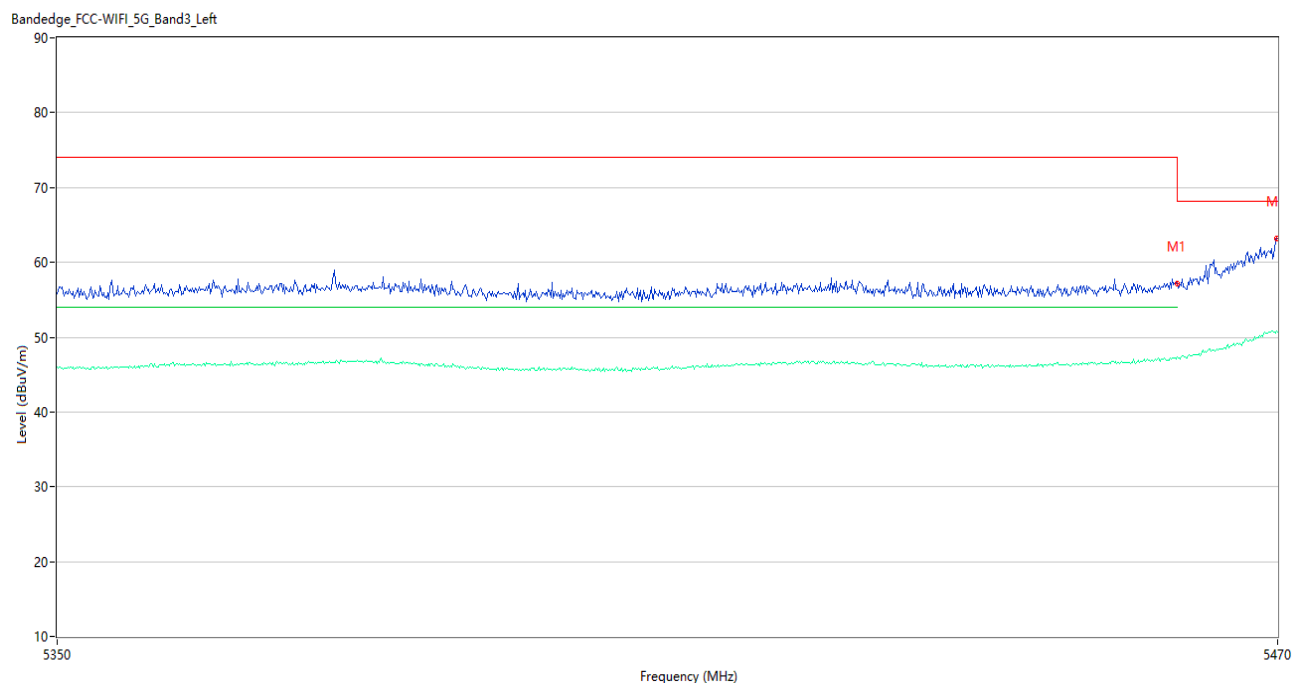
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.70	6.57	68.2	4.50	Peak	316.00	150	Horizontal	Pass
2	5726.375	62.27	6.54	68.2	5.93	Peak	328.00	150	Horizontal	Pass

U-NII-2C 11n20 High Channel, ANT V



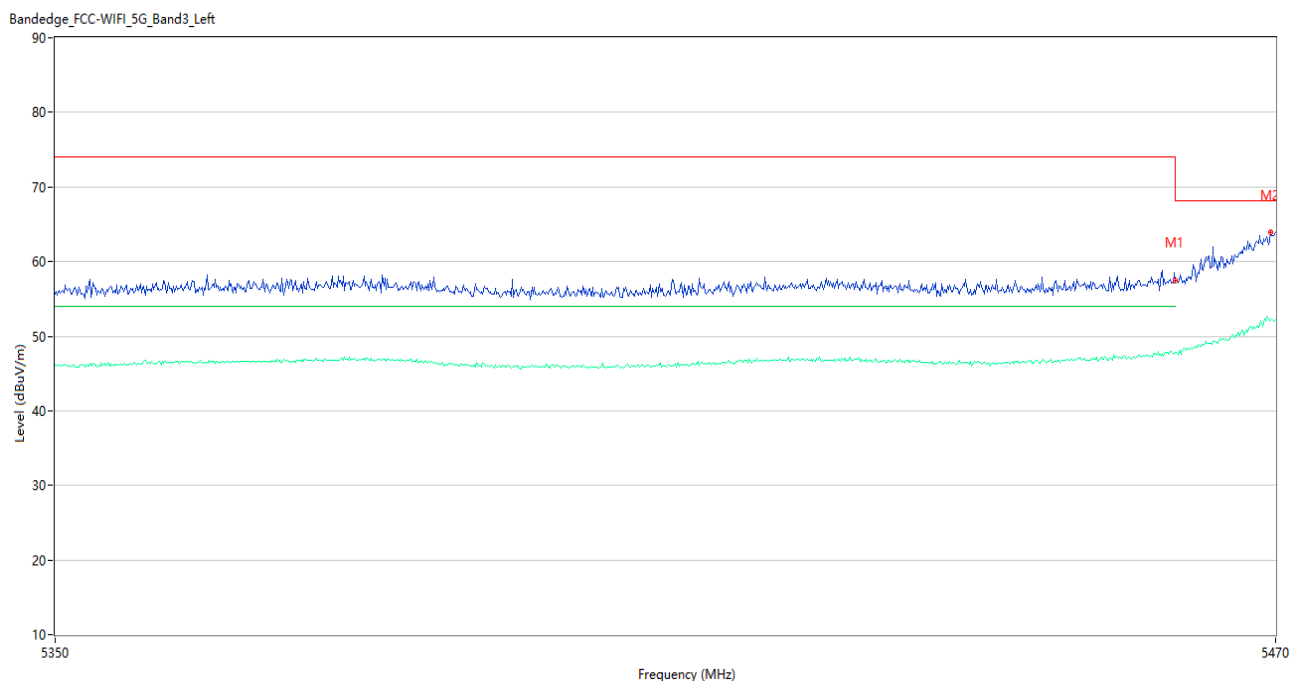
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	64.00	6.57	68.2	4.20	Peak	261.00	150	Vertical	Pass
2	5725.125	65.13	6.57	68.2	3.07	Peak	325.00	150	Vertical	Pass

U-NII-2C 11n40 Low Channel, ANT H



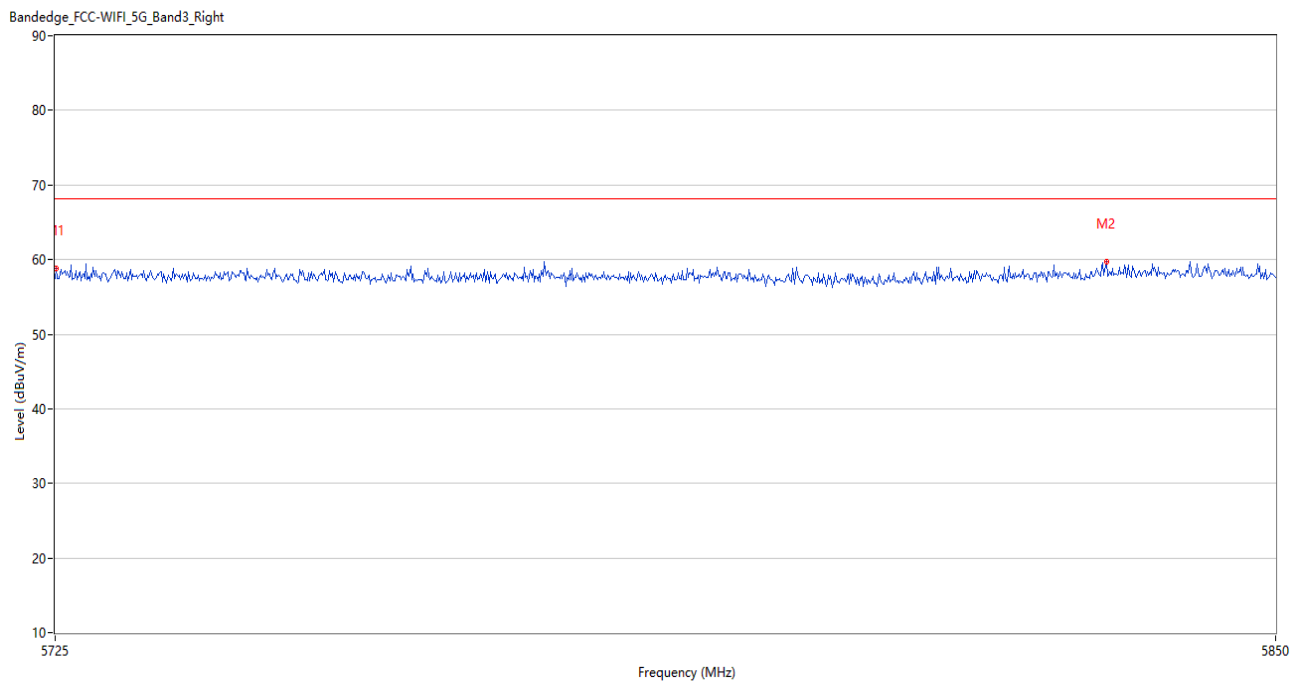
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	57.25	5.38	68.2	10.95	Peak	220.43	150	Horizontal	Pass
1**	5460.000	47.25	5.38	54.0	6.75	AV	220.43	150	Horizontal	Pass
2	5469.880	63.20	5.80	68.2	5.00	Peak	346.00	150	Horizontal	Pass
2**	5469.880	50.79	5.80	--	-50.79	AV	346.00	150	Horizontal	N/A

U-NII-2C 11n40 Low Channel, ANT V



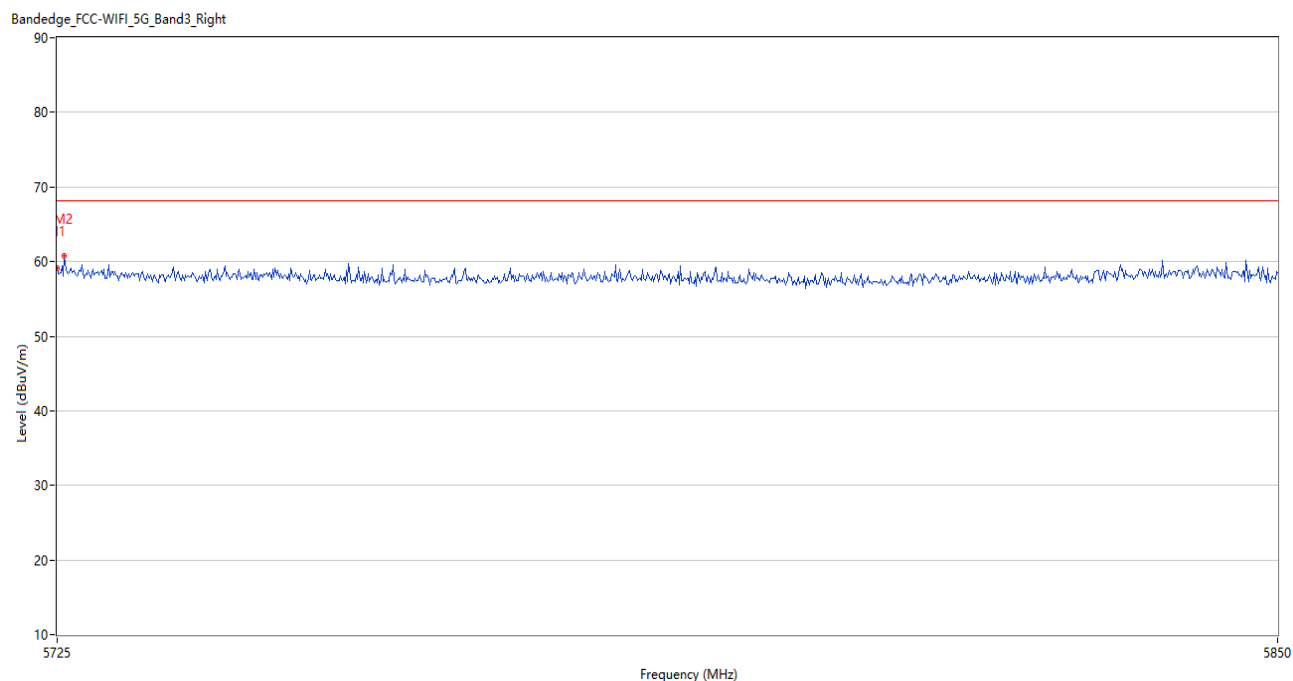
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	57.82	5.38	68.2	10.38	Peak	333.95	150	Vertical	Pass
1**	5460.000	47.80	5.38	54.0	6.20	AV	333.95	150	Vertical	Pass
2	5469.520	63.88	5.80	68.2	4.32	Peak	279.00	150	Vertical	Pass
2**	5469.520	52.26	5.80	--	-52.26	AV	279.00	150	Vertical	N/A

U-NII-2C 11n40 High Channel, ANT H



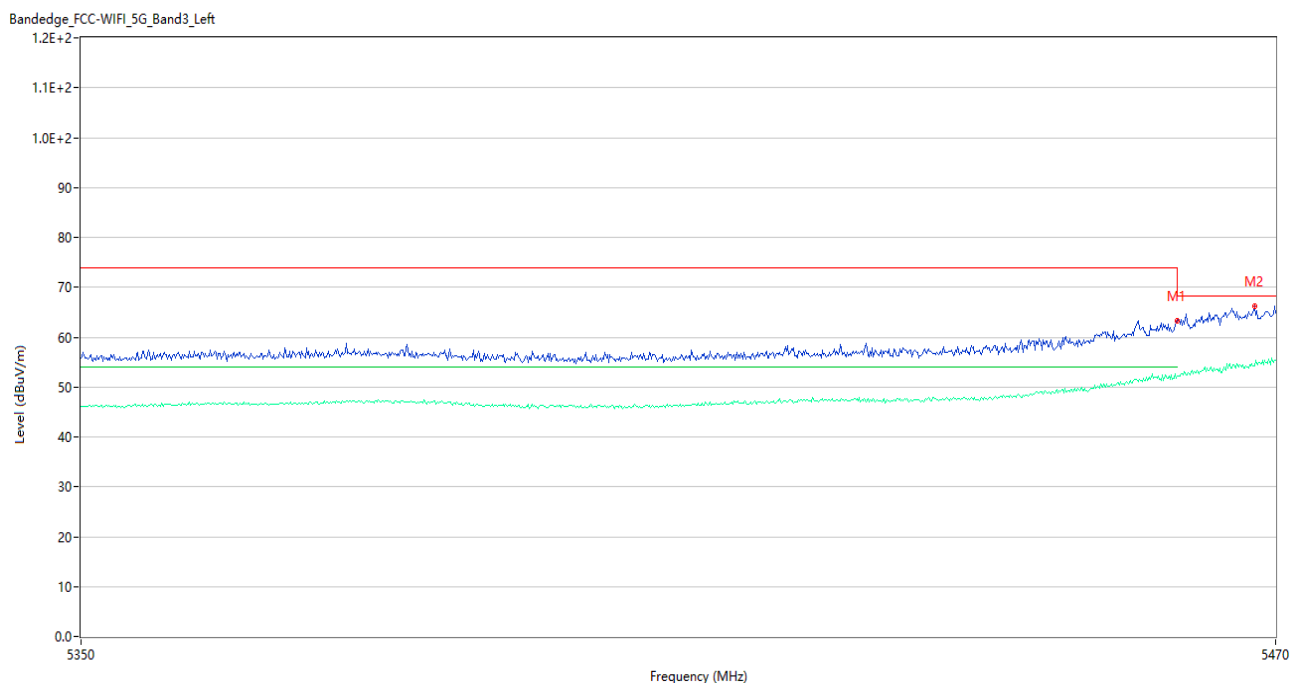
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.125	58.85	6.57	68.2	9.35	Peak	337.00	150	Horizontal	Pass
2	5832.500	59.78	7.16	68.2	8.42	Peak	303.00	150	Horizontal	Pass

U-NII-2C 11n40 High Channel, ANT V



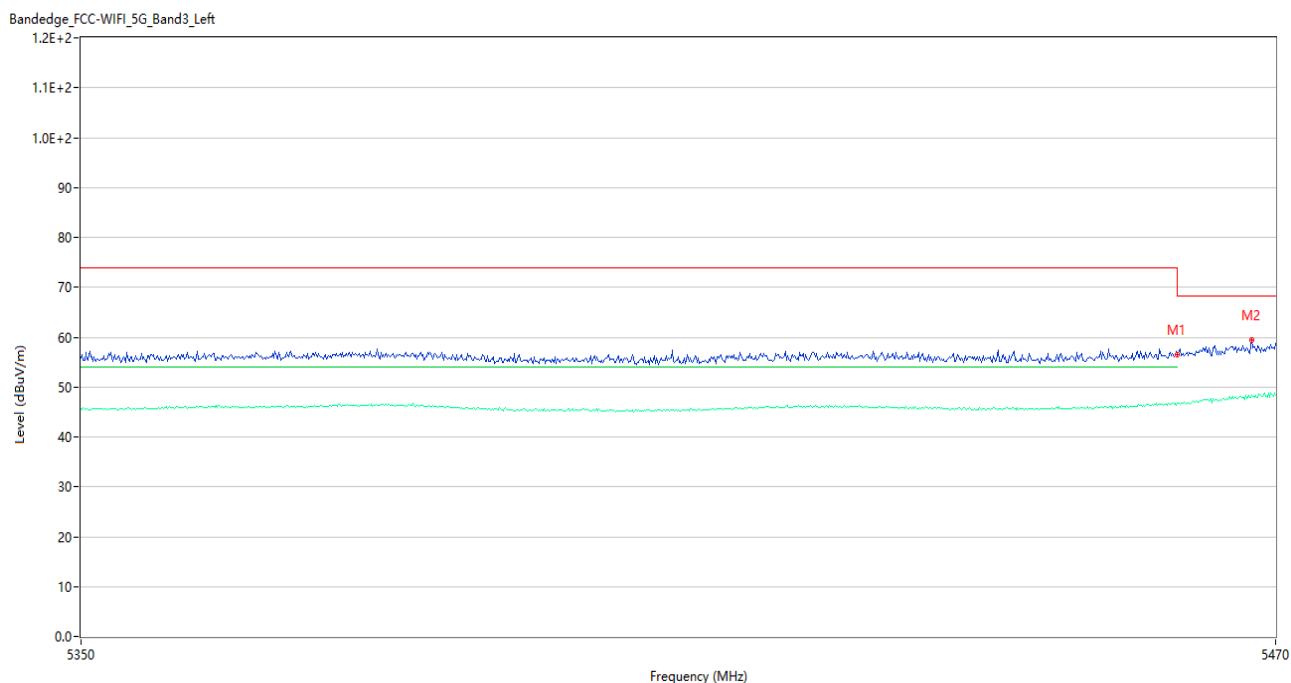
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.17	6.57	68.2	9.03	Peak	344.00	150	Vertical	Pass
2	5725.750	60.71	6.55	68.2	7.49	Peak	338.00	150	Vertical	Pass

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



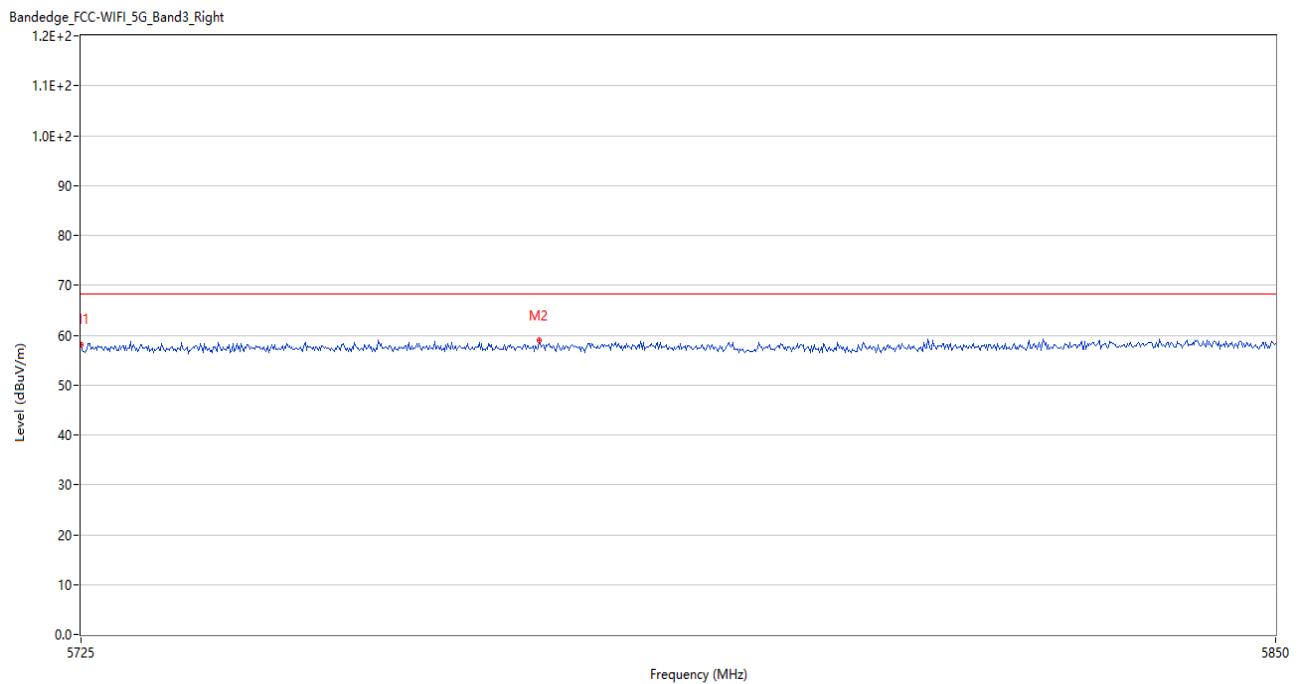
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	63.19	5.38	68.2	5.01	Peak	227.66	150	Horizontal	Pass
1**	5460.000	52.02	5.38	54.0	1.98	AV	227.66	150	Horizontal	Pass
2	5467.840	66.25	5.71	68.2	1.95	Peak	225.00	150	Horizontal	Pass
2**	5467.840	54.27	5.71	--	-54.27	AV	225.00	150	Horizontal	N/A

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



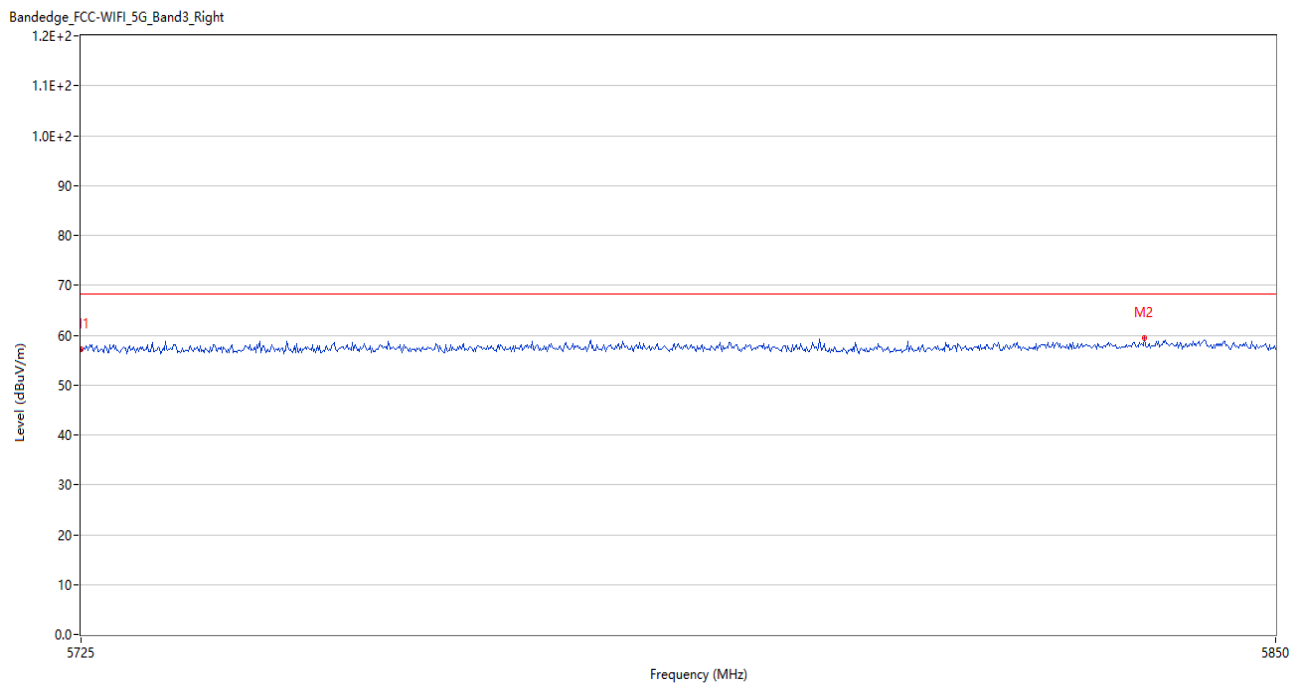
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.71	5.38	68.2	11.49	Peak	176.68	150	Vertical	Pass
1**	5460.000	46.61	5.38	54.0	7.39	AV	176.68	150	Vertical	Pass
2	5467.600	59.40	5.69	68.2	8.80	Peak	186.00	150	Vertical	Pass
2**	5467.600	48.36	5.69	--	-48.36	AV	186.00	150	Vertical	N/A

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	58.08	6.57	68.2	10.12	Peak	207.00	150	Horizontal	Pass
2	5772.625	58.97	6.84	68.2	9.23	Peak	357.00	150	Horizontal	Pass

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



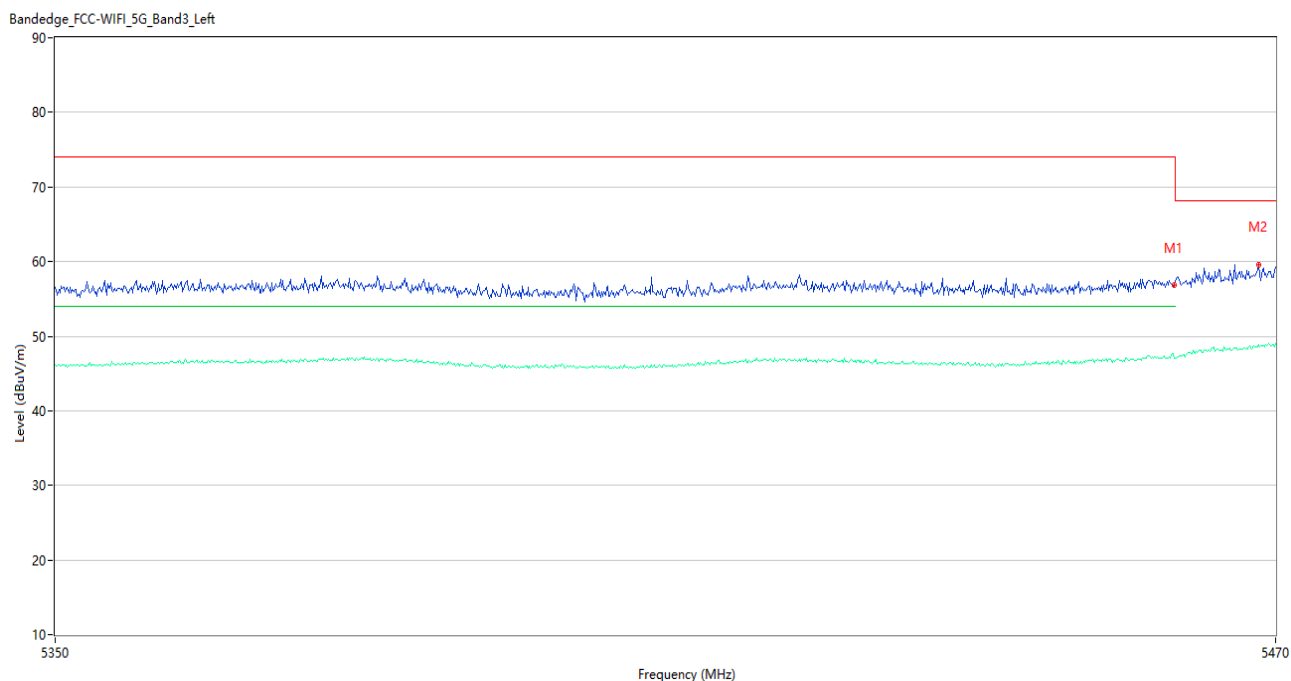
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.21	6.57	68.2	10.99	Peak	204.00	150	Vertical	Pass
2	5836.125	59.53	7.16	68.2	8.67	Peak	28.00	150	Vertical	Pass

U-NII-2C 11ax20 (SU) Low Channel, ANT H



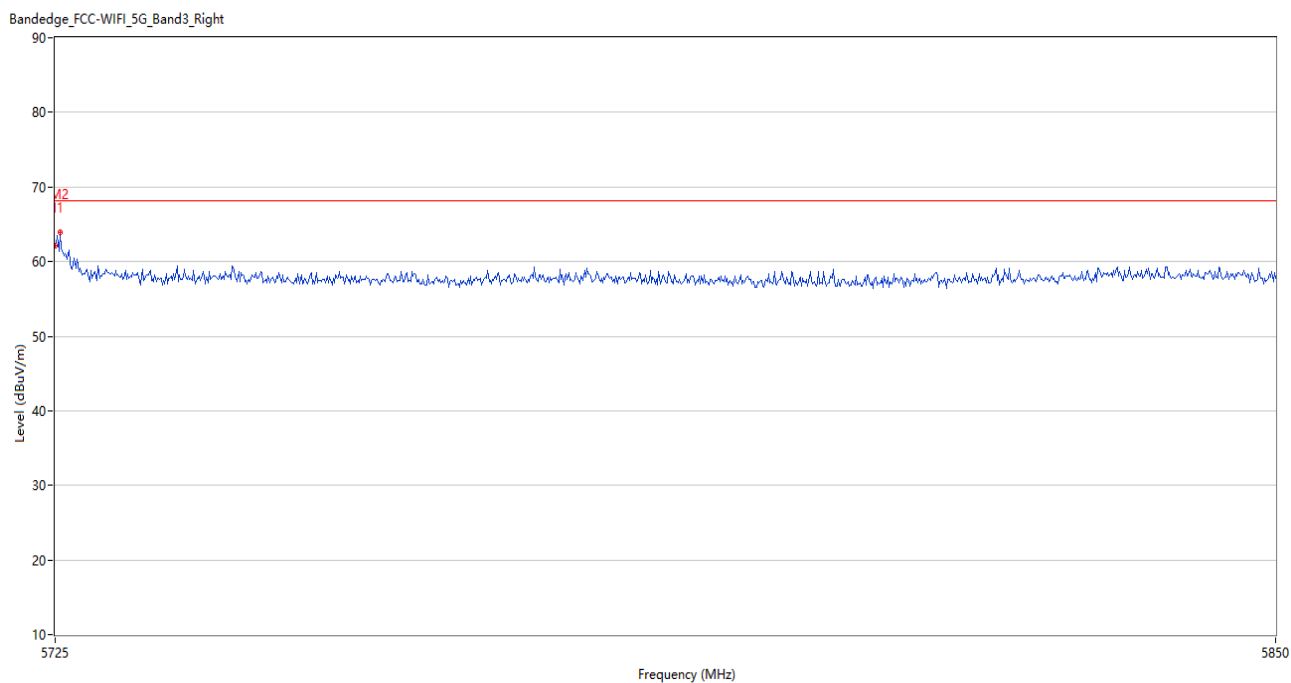
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.56	5.38	68.2	11.64	Peak	263.04	150	Horizontal	Pass
1**	5460.000	47.08	5.38	54.0	6.92	AV	263.04	150	Horizontal	Pass
2	5464.720	59.05	5.58	68.2	9.15	Peak	360.00	150	Horizontal	Pass
2**	5464.720	48.07	5.58	--	-48.07	AV	360.00	150	Horizontal	N/A

U-NII-2C 11ax20 (SU) Low Channel, ANT V



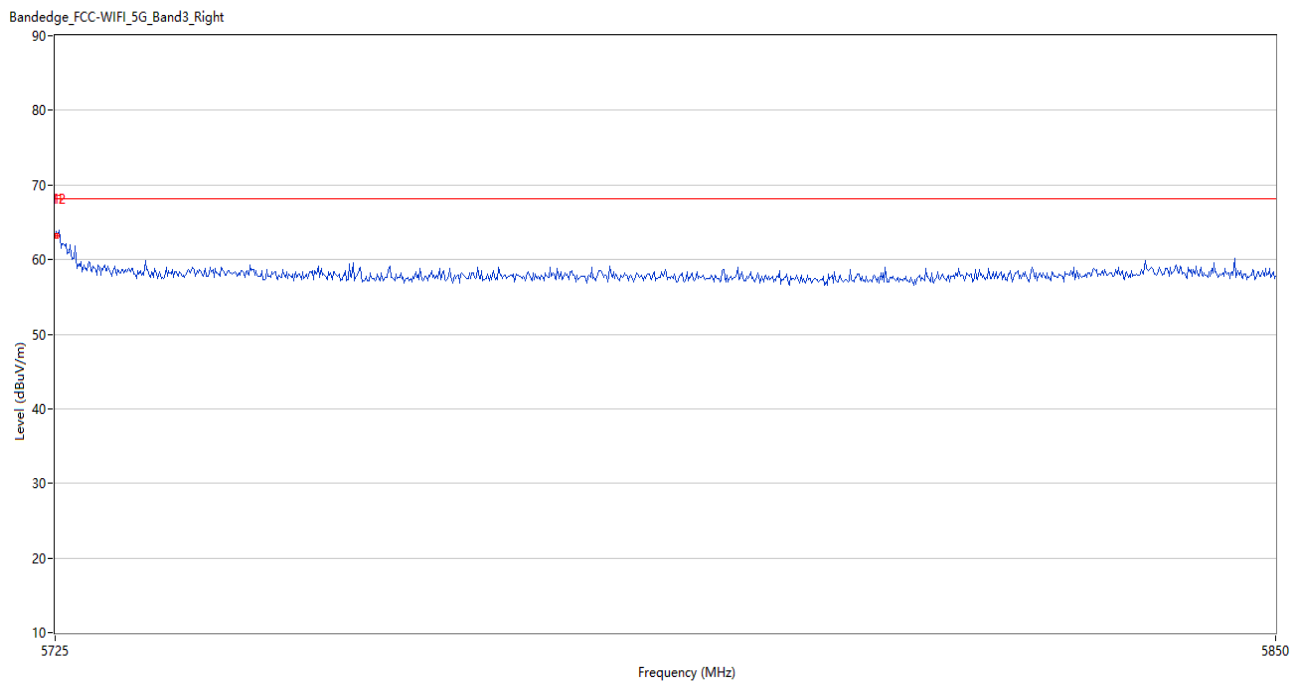
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.34	5.38	68.2	11.86	Peak	134.70	150	Vertical	Pass
1**	5460.000	47.02	5.38	54.0	6.98	AV	134.70	150	Vertical	Pass
2	5468.320	59.64	5.75	68.2	8.56	Peak	253.00	150	Vertical	Pass
2**	5468.320	48.89	5.75	--	-48.89	AV	253.00	150	Vertical	N/A

U-NII-2C 11ax20 (SU) High Channel, ANT H



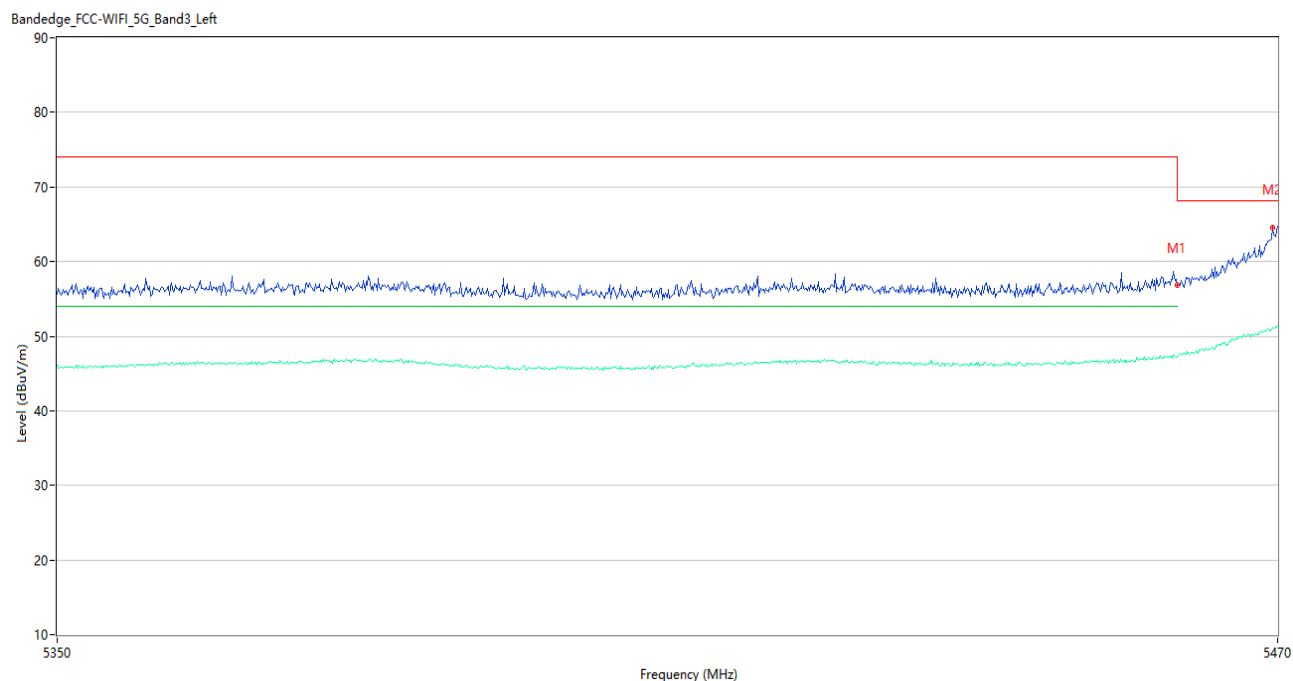
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.10	6.57	68.2	6.10	Peak	3.00	150	Horizontal	Pass
2	5725.500	64.00	6.56	68.2	4.20	Peak	279.00	150	Horizontal	Pass

U-NII-2C 11ax20 (SU) High Channel, ANT V



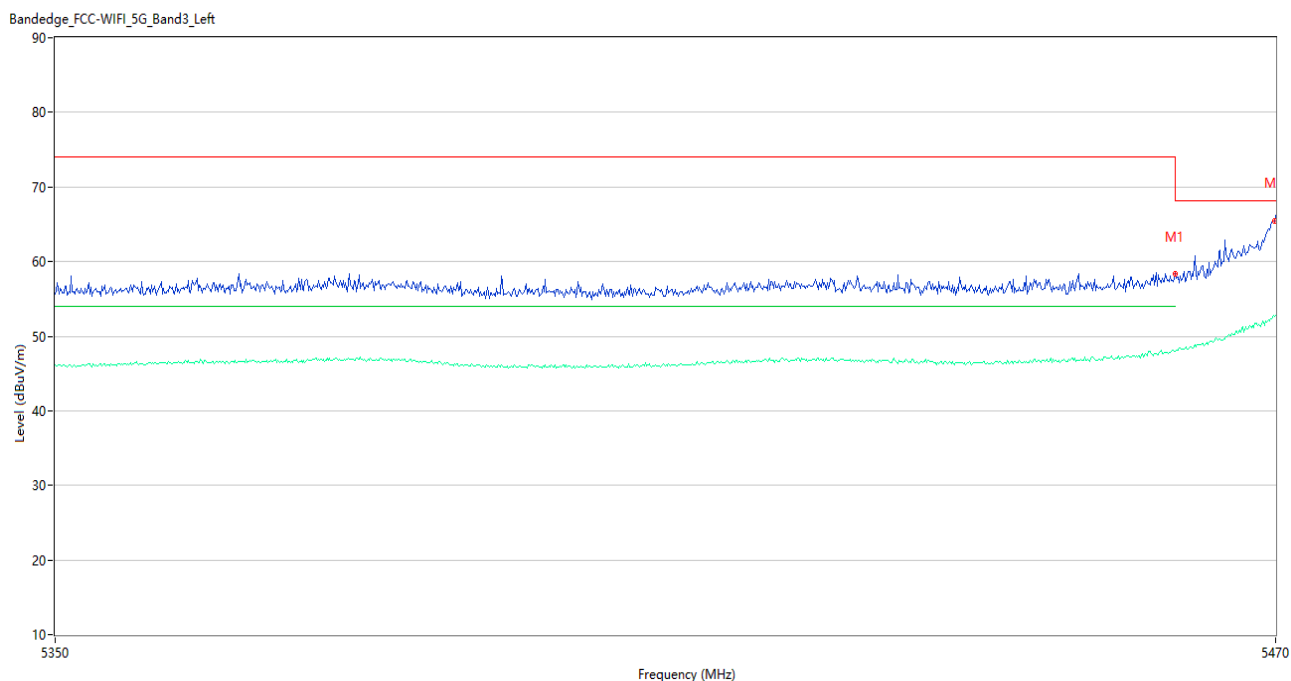
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.53	6.57	68.2	6.67	Peak	0.00	150	Vertical	Pass
2	5725.250	63.01	6.56	68.2	5.19	Peak	0.00	150	Vertical	Pass

U-NII-2C 11ax40 (SU) Low Channel, ANT H



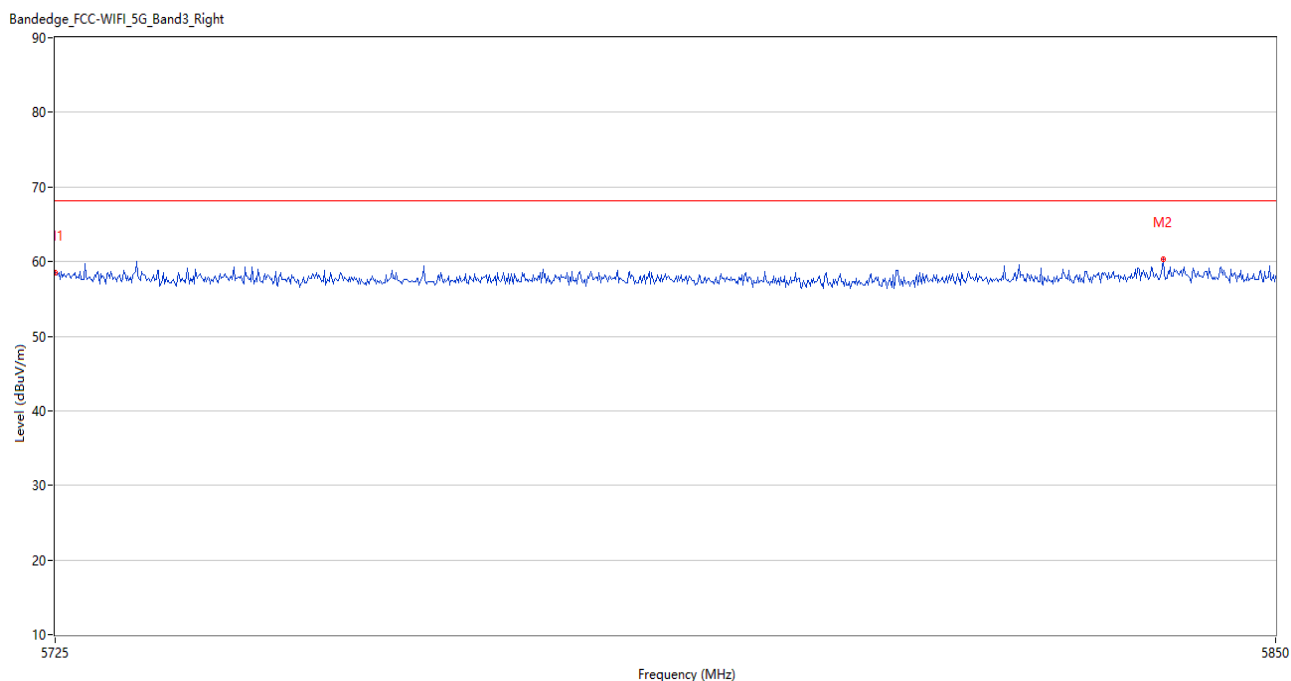
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	57.16	5.38	68.2	11.04	Peak	291.35	150	Horizontal	Pass
1**	5460.000	47.20	5.38	54.0	6.80	AV	291.35	150	Horizontal	Pass
2	5469.520	64.59	5.80	68.2	3.61	Peak	333.00	150	Horizontal	Pass
2**	5469.520	51.06	5.80	--	-51.06	AV	333.00	150	Horizontal	N/A

U-NII-2C 11ax40 (SU) Low Channel, ANT V



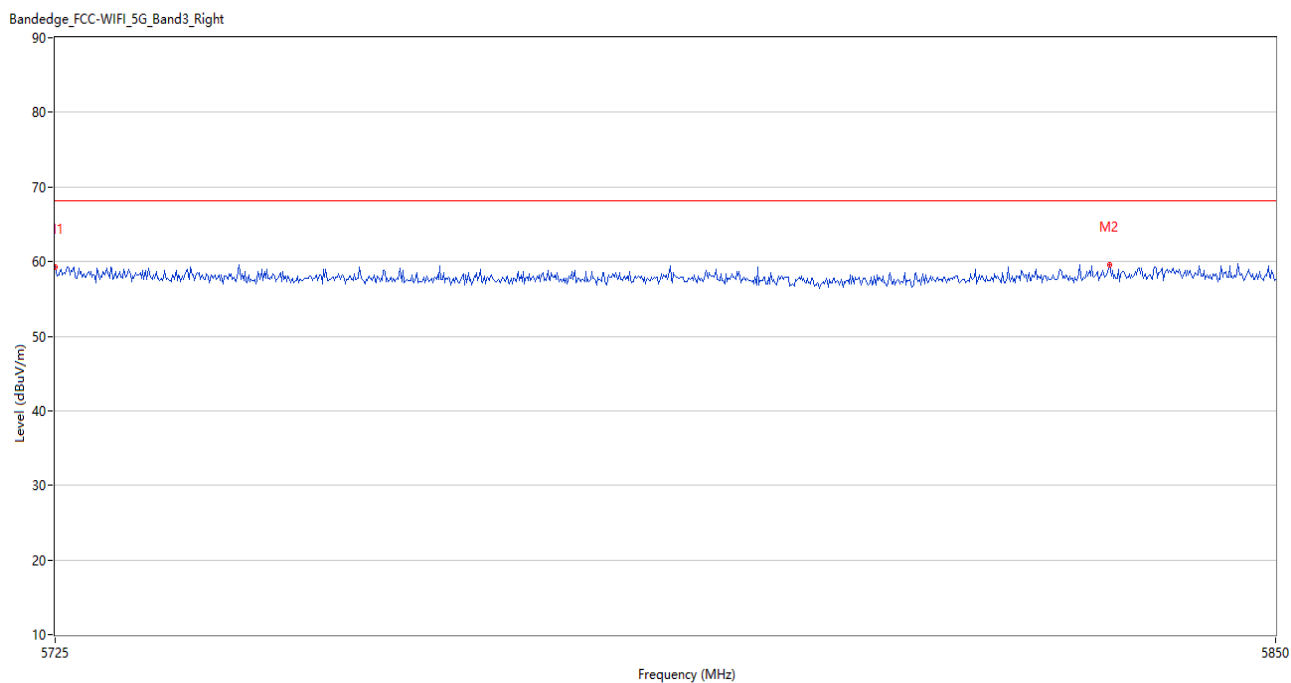
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	58.08	5.38	68.2	10.12	Peak	273.98	150	Vertical	Pass
1**	5460.000	47.93	5.38	54.0	6.07	AV	273.98	150	Vertical	Pass
2	5469.880	65.50	5.80	68.2	2.70	Peak	321.00	150	Vertical	Pass
2**	5469.880	52.67	5.80	--	-52.67	AV	321.00	150	Vertical	N/A

U-NII-2C 11ax40 (SU) High Channel, ANT H



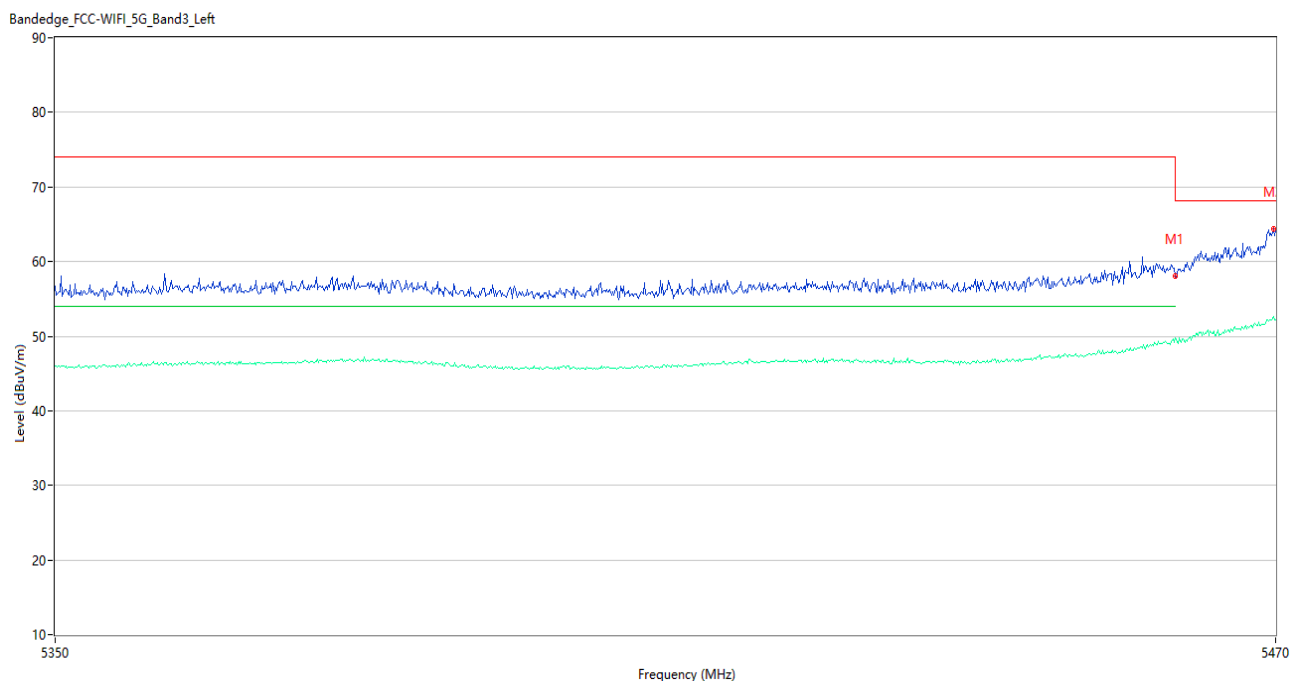
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.58	6.57	68.2	9.62	Peak	360.00	150	Horizontal	Pass
2	5838.375	60.30	7.16	68.2	7.90	Peak	271.00	150	Horizontal	Pass

U-NII-2C 11ax40 (SU) High Channel, ANT V



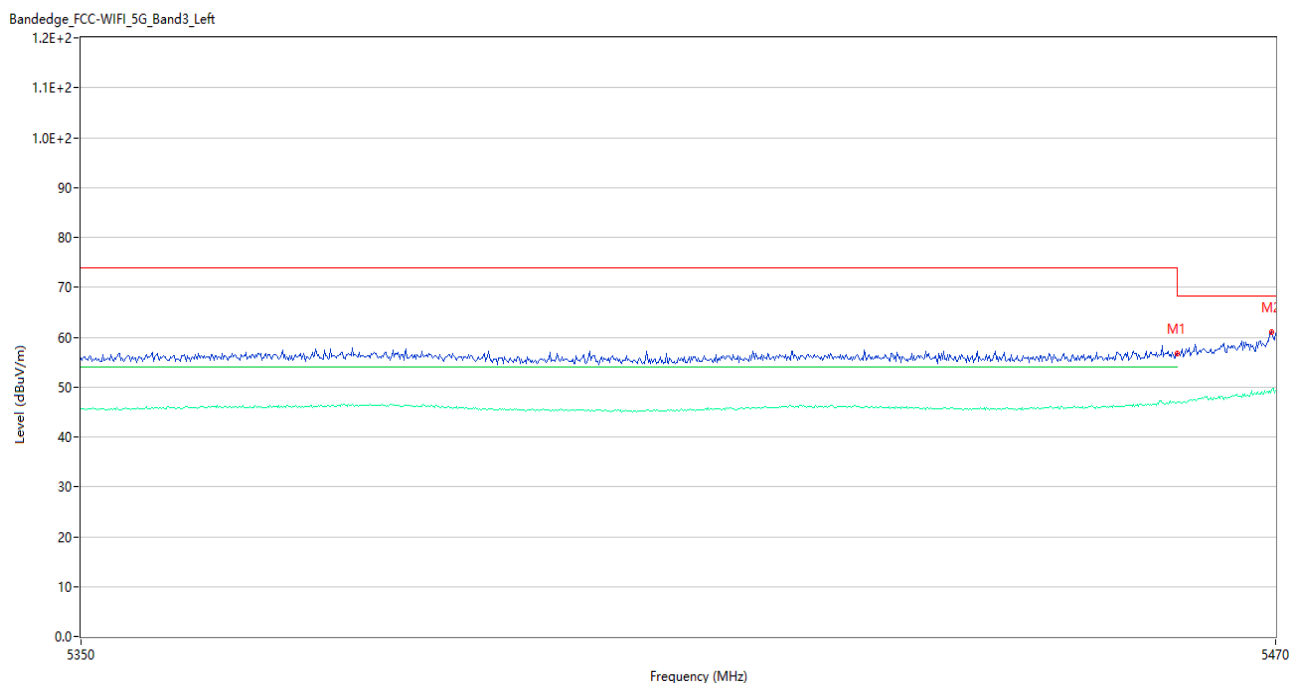
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.25	6.57	68.2	8.95	Peak	0.00	150	Vertical	Pass
2	5832.875	59.63	7.17	68.2	8.57	Peak	0.00	150	Vertical	Pass

U-NII-2C 11ax80 (SU) Low Channel, ANT H



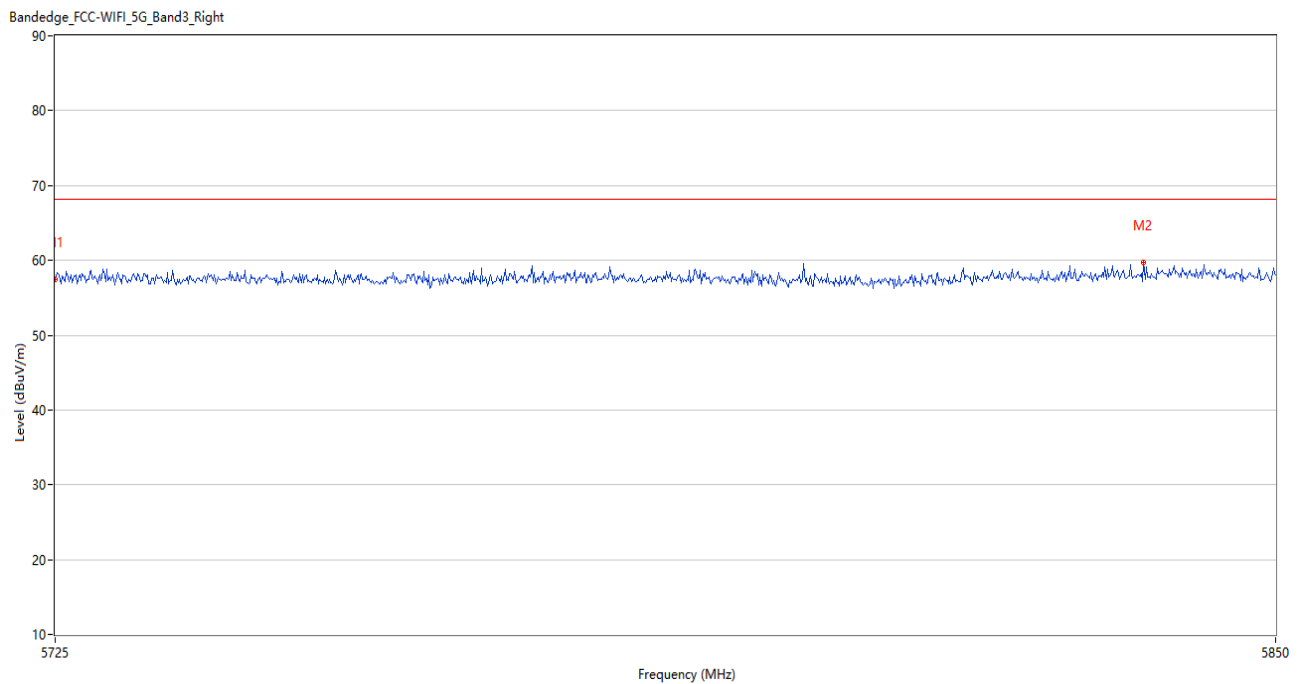
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	58.40	5.38	68.2	9.80	Peak	335.01	150	Horizontal	Pass
1**	5460.000	49.57	5.38	54.0	4.43	AV	335.01	150	Horizontal	Pass
2	5469.760	64.34	5.80	68.2	3.86	Peak	0.00	150	Horizontal	Pass
2**	5469.760	52.71	5.80	--	-52.71	AV	0.00	150	Horizontal	N/A

U-NII-2C 11ax80 (SU) Low Channel, ANT V



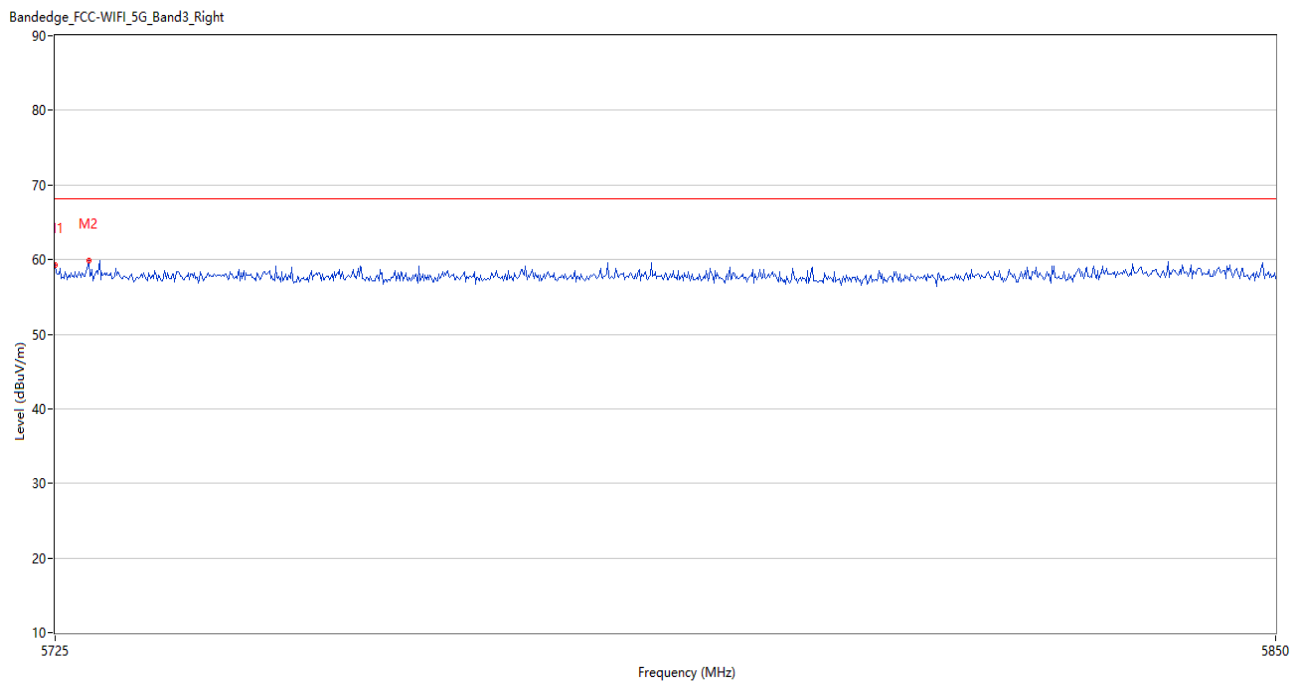
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.73	5.38	68.2	11.47	Peak	39.08	150	Vertical	Pass
1**	5460.000	46.96	5.38	54.0	7.04	AV	39.08	150	Vertical	Pass
2	5469.640	61.01	5.80	68.2	7.19	Peak	212.00	150	Vertical	Pass
2**	5469.640	49.54	5.80	--	-49.54	AV	212.00	150	Vertical	N/A

U-NII-2C 11ax80 (SU) High Channel, ANT H



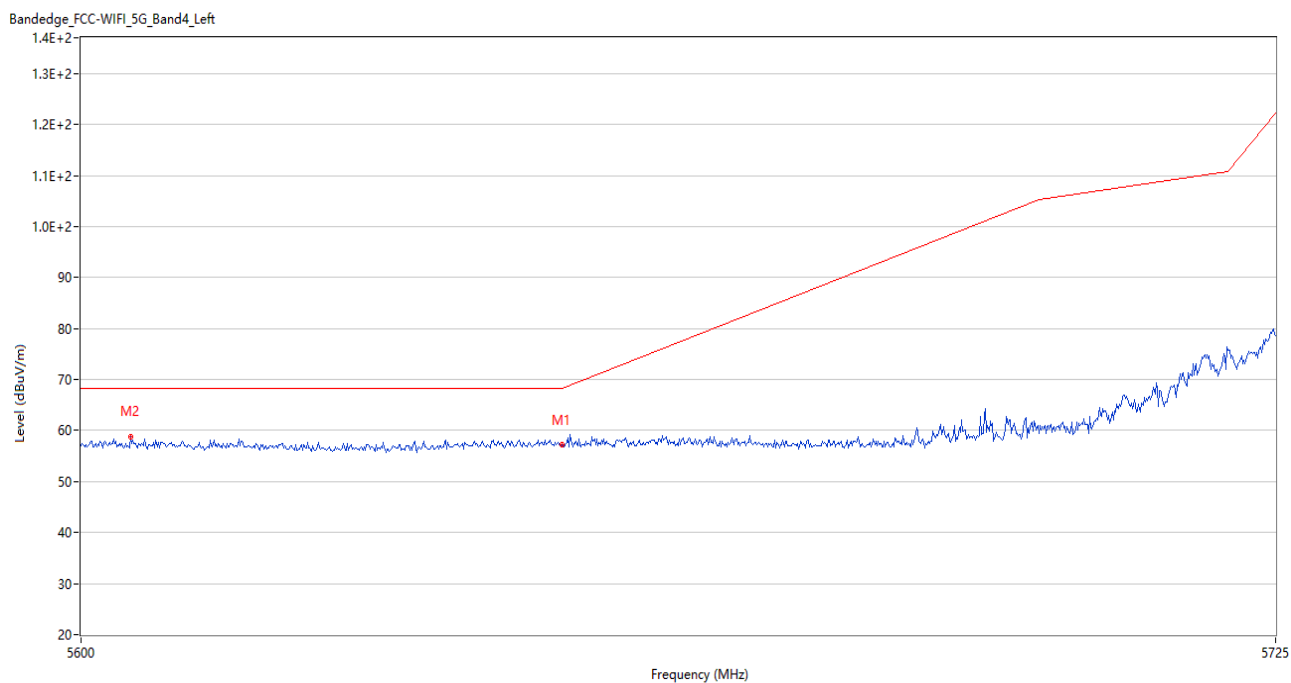
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.39	6.57	68.2	10.81	Peak	72.00	150	Horizontal	Pass
2	5836.375	59.65	7.16	68.2	8.55	Peak	169.00	150	Horizontal	Pass

U-NII-2C 11ax80 (SU) High Channel, ANT V



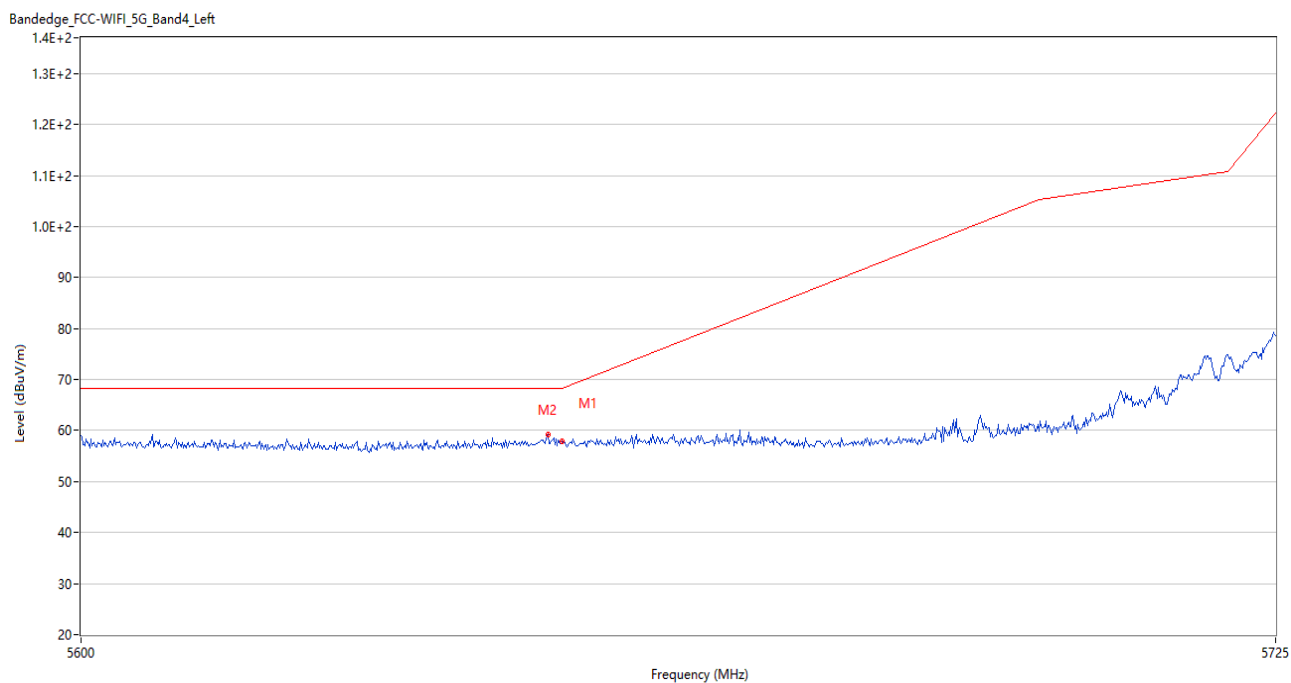
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.21	6.57	68.2	8.99	Peak	279.00	150	Vertical	Pass
2	5728.375	59.90	6.46	68.2	8.30	Peak	320.00	150	Vertical	Pass

U-NII-3 11a Low Channel, ANT H



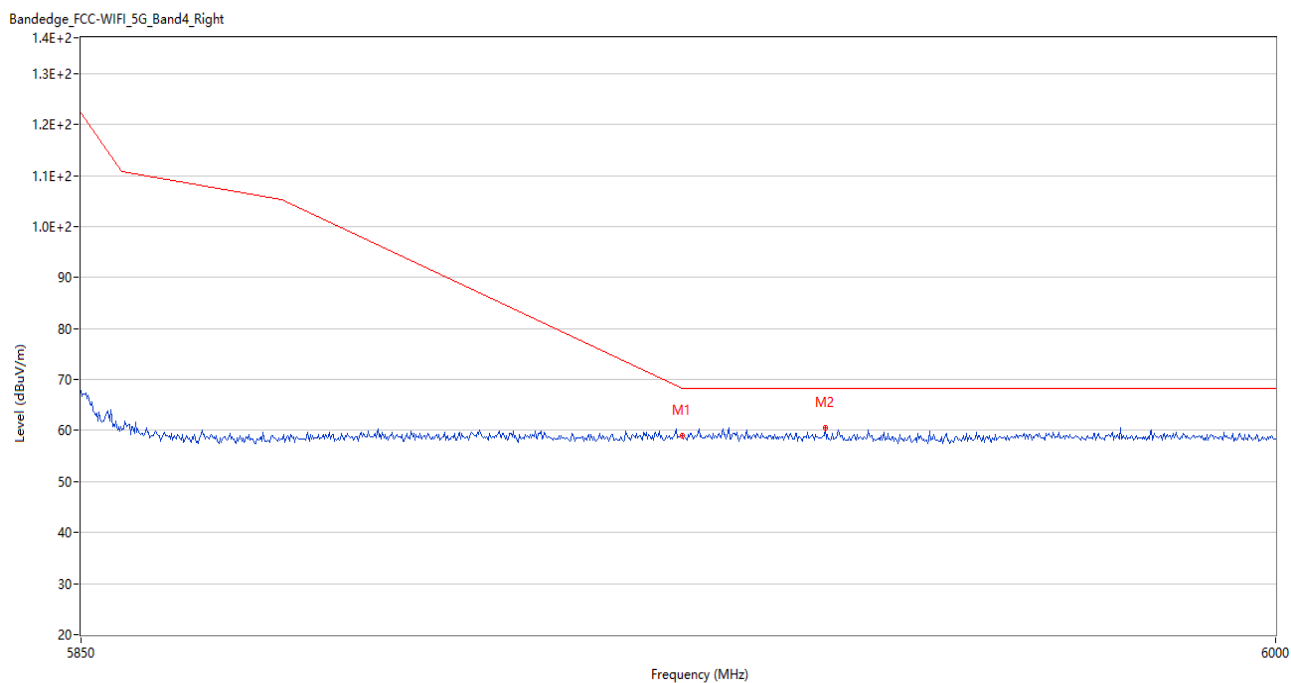
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.13	5.94	68.2	11.07	Peak	11.01	150	Horizontal	Pass
2	5605.125	58.77	5.89	68.2	9.43	Peak	260.00	150	Horizontal	Pass

U-NII-3 11a Low Channel, ANT V



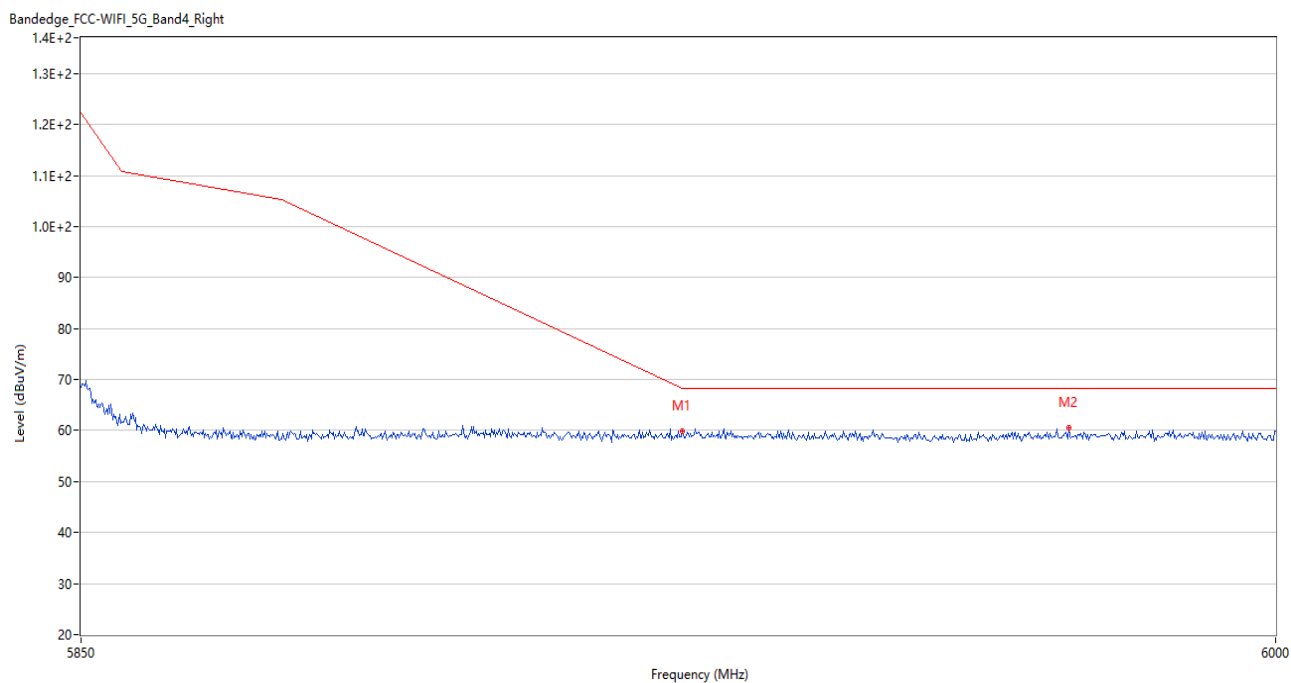
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.94	5.94	68.2	10.26	Peak	131.15	150	Vertical	Pass
2	5648.500	59.22	5.96	68.2	8.98	Peak	360.00	150	Vertical	Pass

U-NII-3 11a High Channel, ANT H



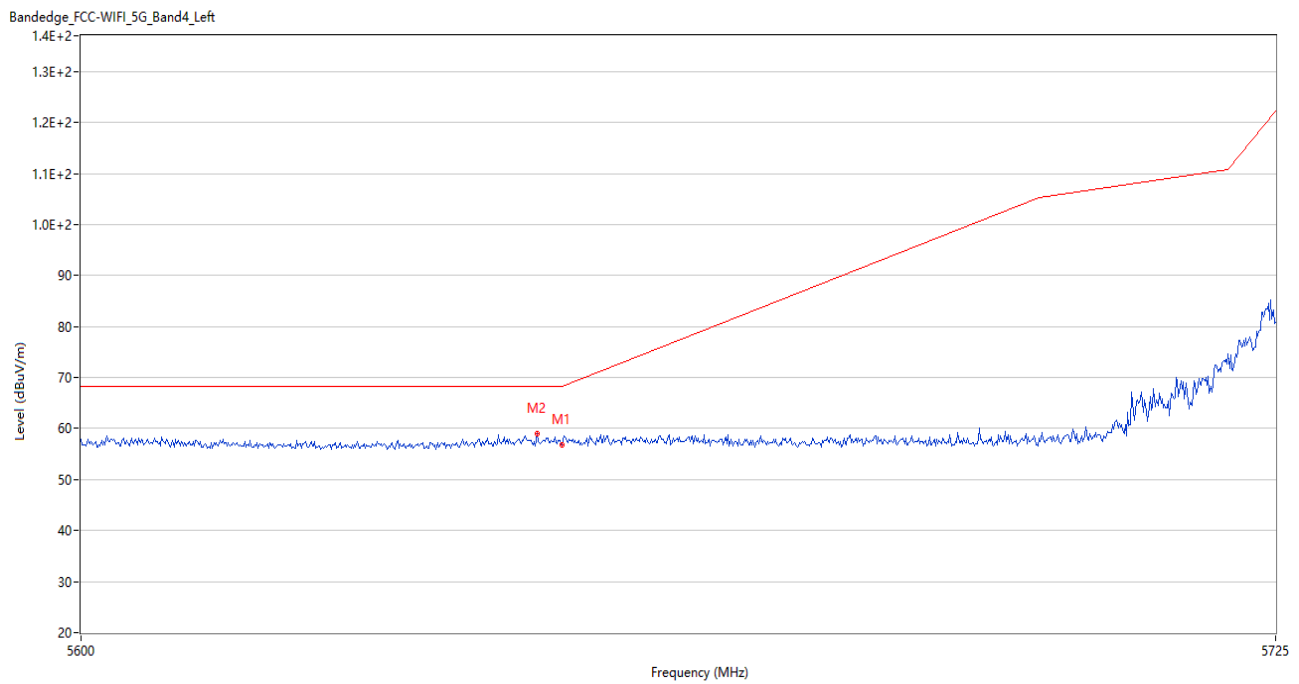
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.19	7.83	68.2	10.01	Peak	48.25	150	Horizontal	Pass
2	5943.000	60.50	7.40	68.2	7.70	Peak	0.00	150	Horizontal	Pass

U-NII-3 11a High Channel, ANT V



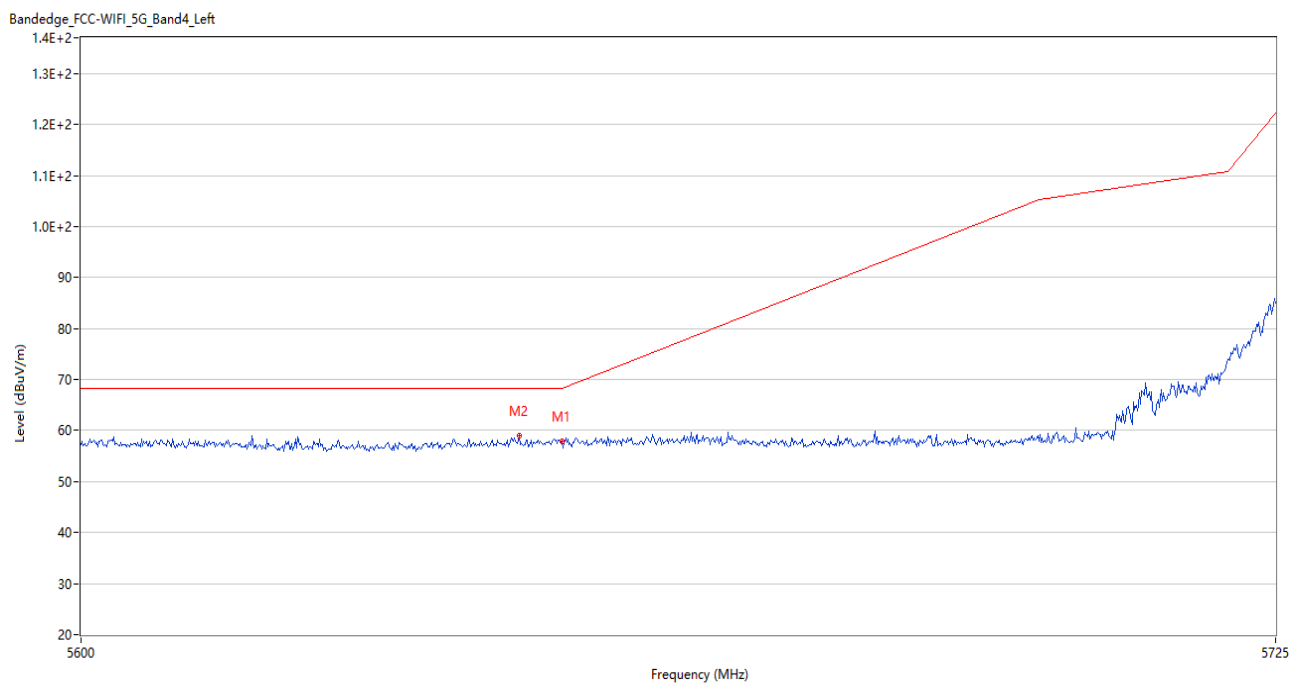
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	59.96	7.83	68.2	8.24	Peak	360.00	150	Vertical	Pass
2	5973.750	60.52	7.48	68.2	7.68	Peak	148.00	150	Vertical	Pass

U-NII-3 11n20 Low Channel, ANT H



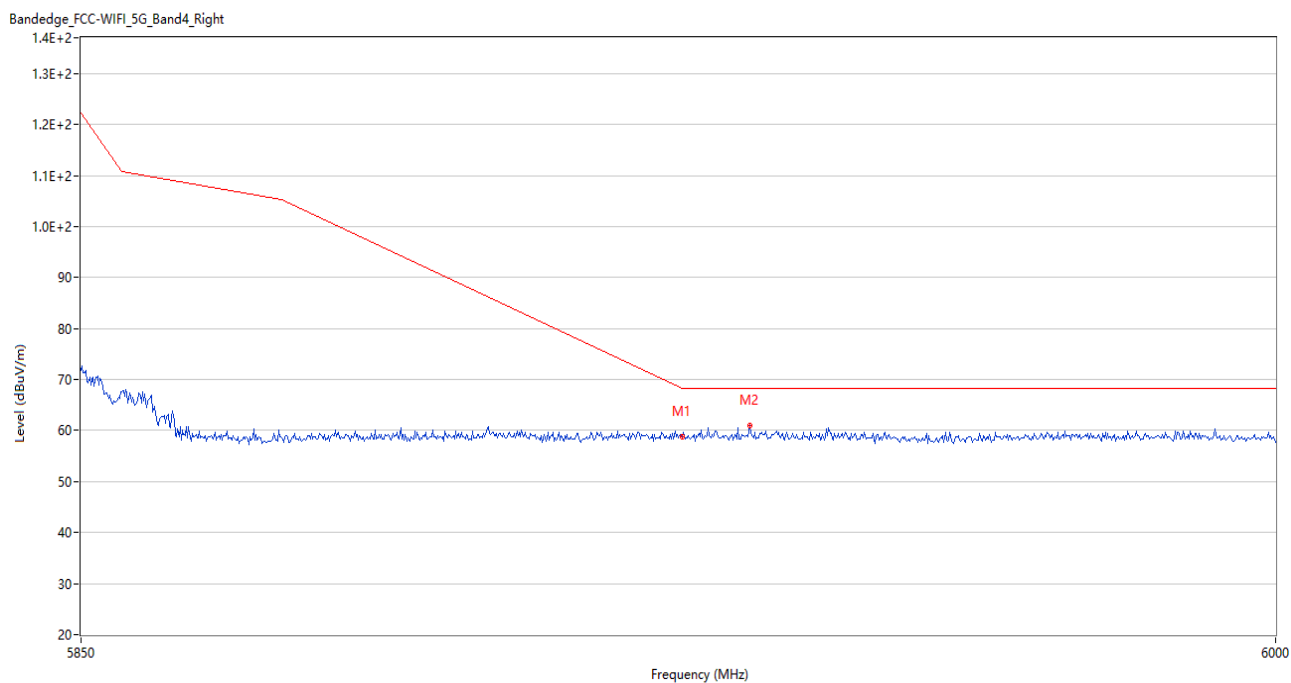
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	56.77	5.94	68.2	11.43	Peak	187.08	150	Horizontal	Pass
2	5647.375	59.03	5.95	68.2	9.17	Peak	335.00	150	Horizontal	Pass

U-NII-3 11n20 Low Channel, ANT V



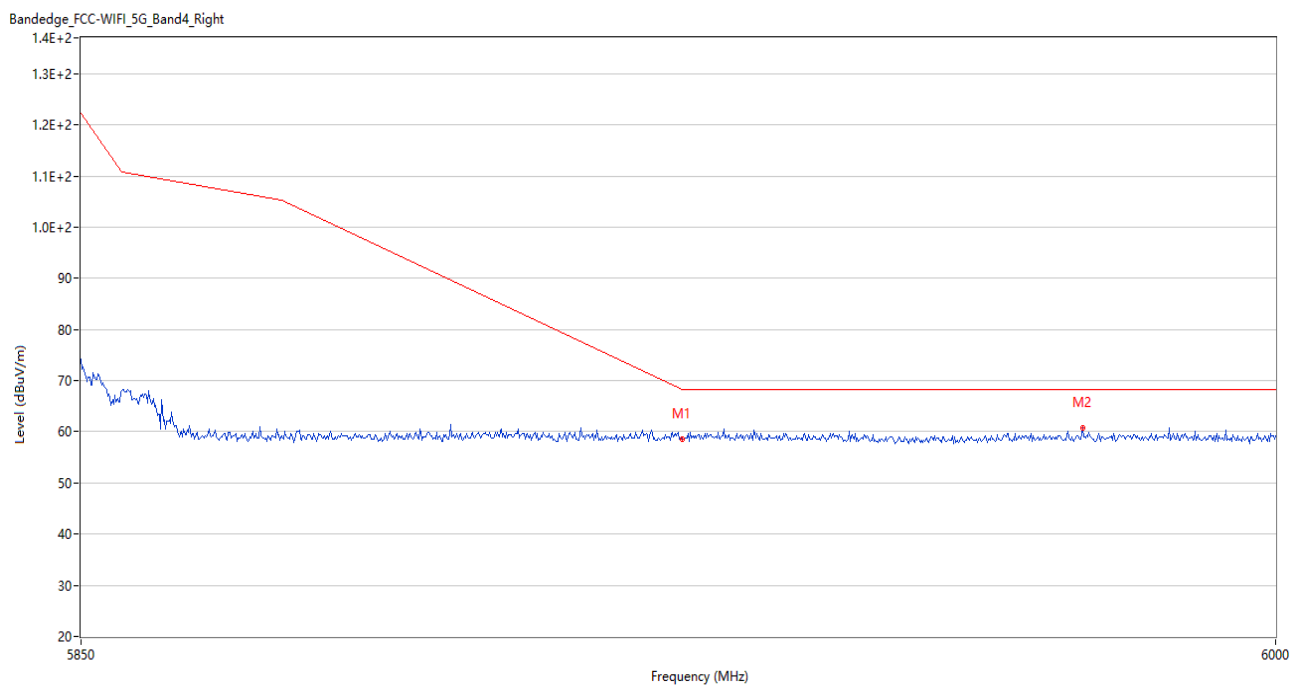
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.84	5.94	68.2	10.36	Peak	145.11	150	Vertical	Pass
2	5645.500	59.04	6.01	68.2	9.16	Peak	173.00	150	Vertical	Pass

U-NII-3 11n20 High Channel, ANT H



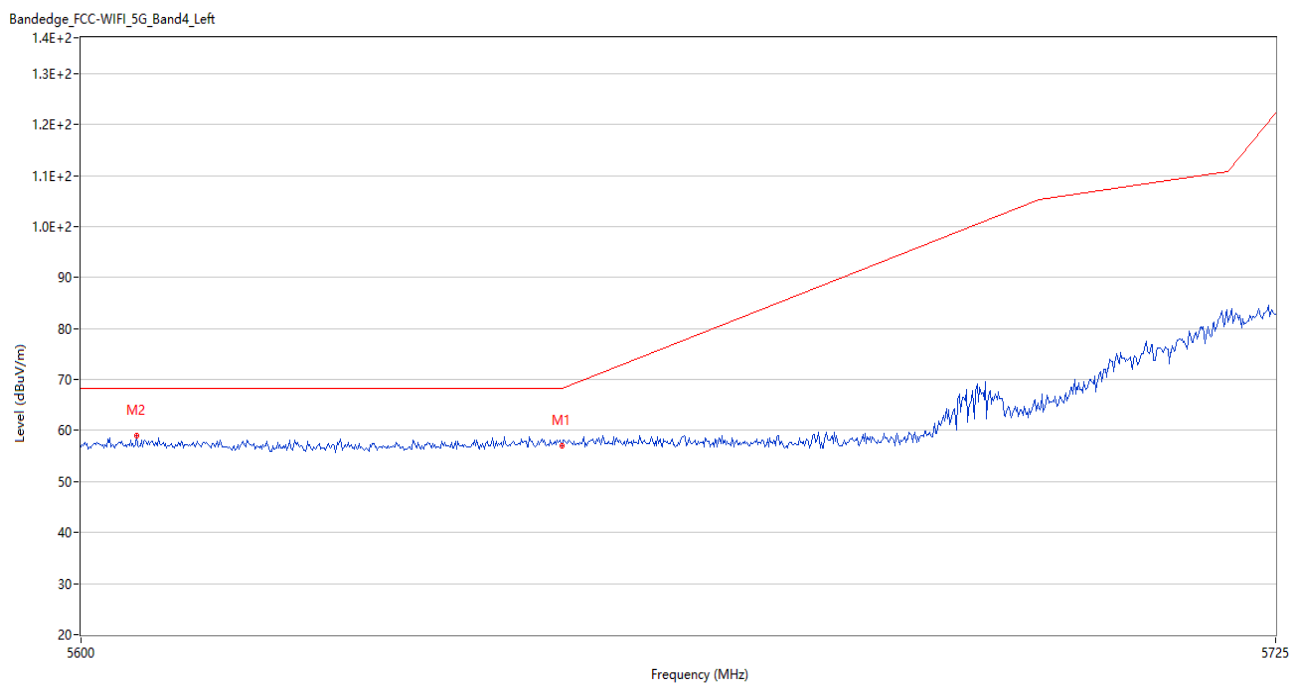
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.77	7.83	68.2	9.43	Peak	277.76	150	Horizontal	Pass
2	5933.550	60.96	7.55	68.2	7.24	Peak	93.00	150	Horizontal	Pass

U-NII-3 11n20 High Channel, ANT V



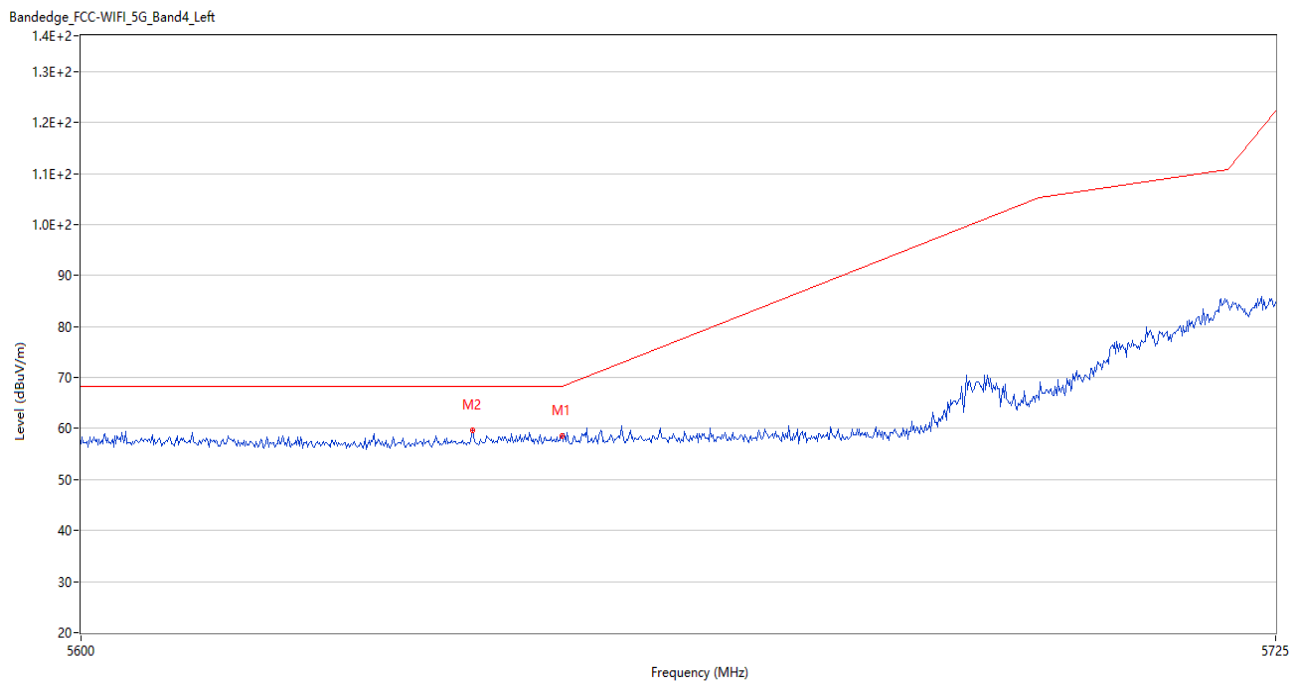
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.64	7.83	68.2	9.56	Peak	268.07	150	Vertical	Pass
2	5975.550	60.82	7.45	68.2	7.38	Peak	210.00	150	Vertical	Pass

U-NII-3 11n40 Low Channel, ANT H



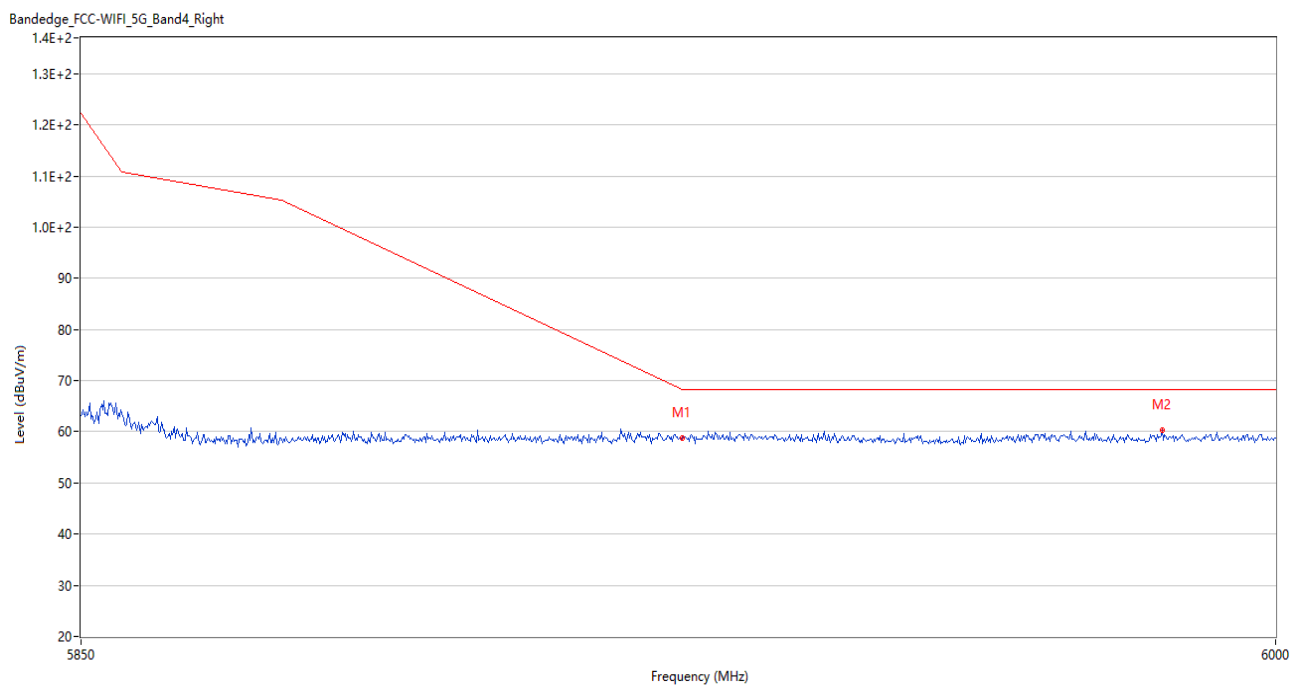
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.10	5.94	68.2	11.10	Peak	133.13	150	Horizontal	Pass
2	5605.750	58.90	5.89	68.2	9.30	Peak	340.00	150	Horizontal	Pass

U-NII-3 11n40 Low Channel, ANT V



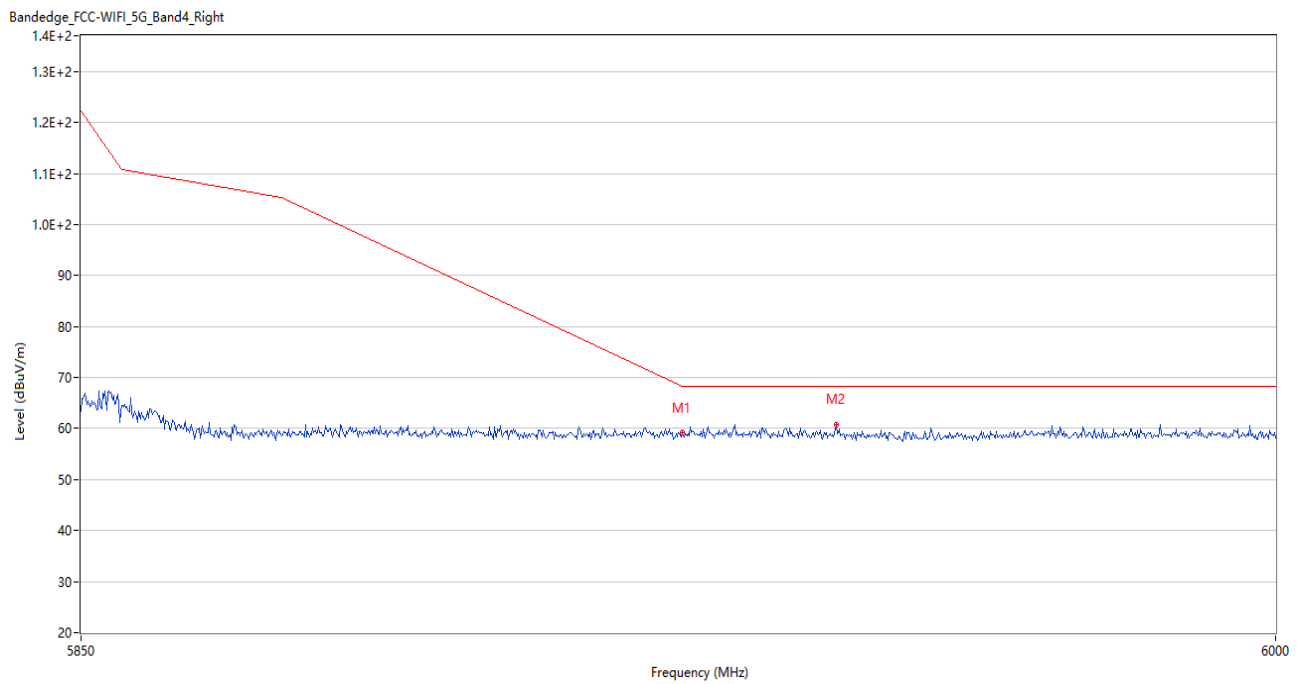
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	58.58	5.94	68.2	9.62	Peak	265.10	150	Vertical	Pass
2	5640.625	59.77	5.92	68.2	8.43	Peak	360.00	150	Vertical	Pass

U-NII-3 11n40 High Channel, ANT H



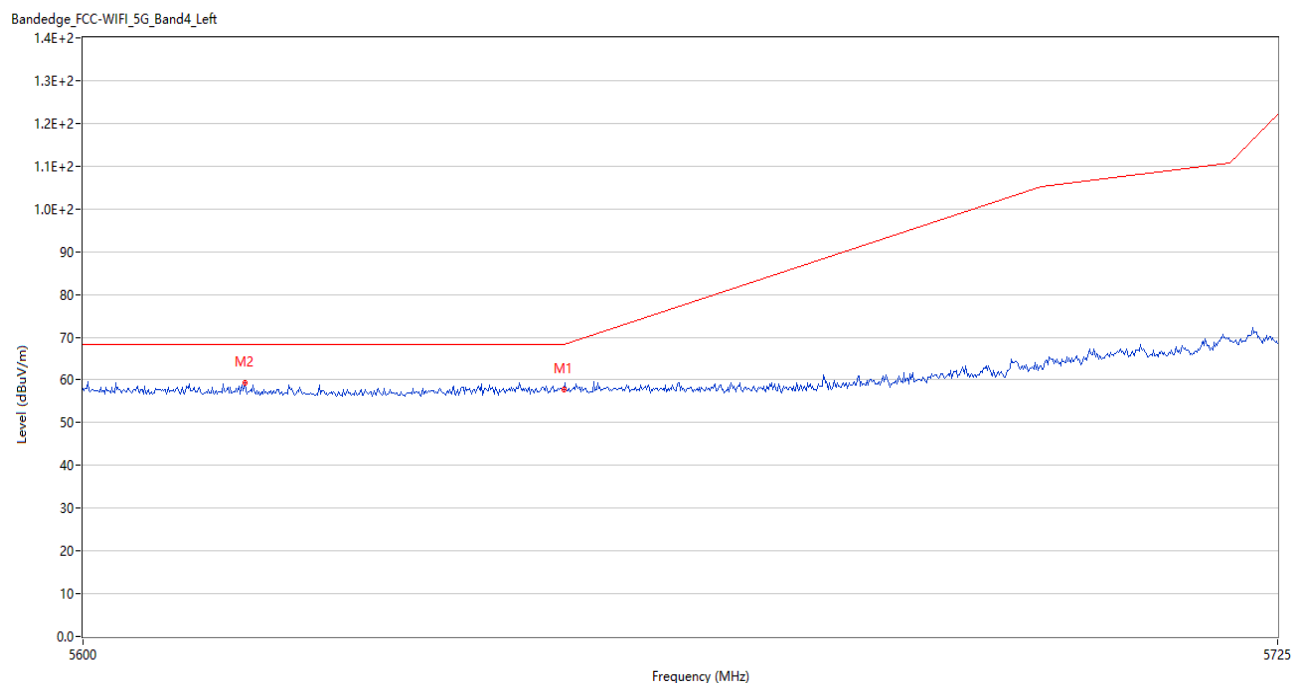
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.86	7.83	68.2	9.34	Peak	235.70	150	Horizontal	Pass
2	5985.600	60.41	7.61	68.2	7.79	Peak	343.00	150	Horizontal	Pass

U-NII-3 11n40 High Channel, ANT V



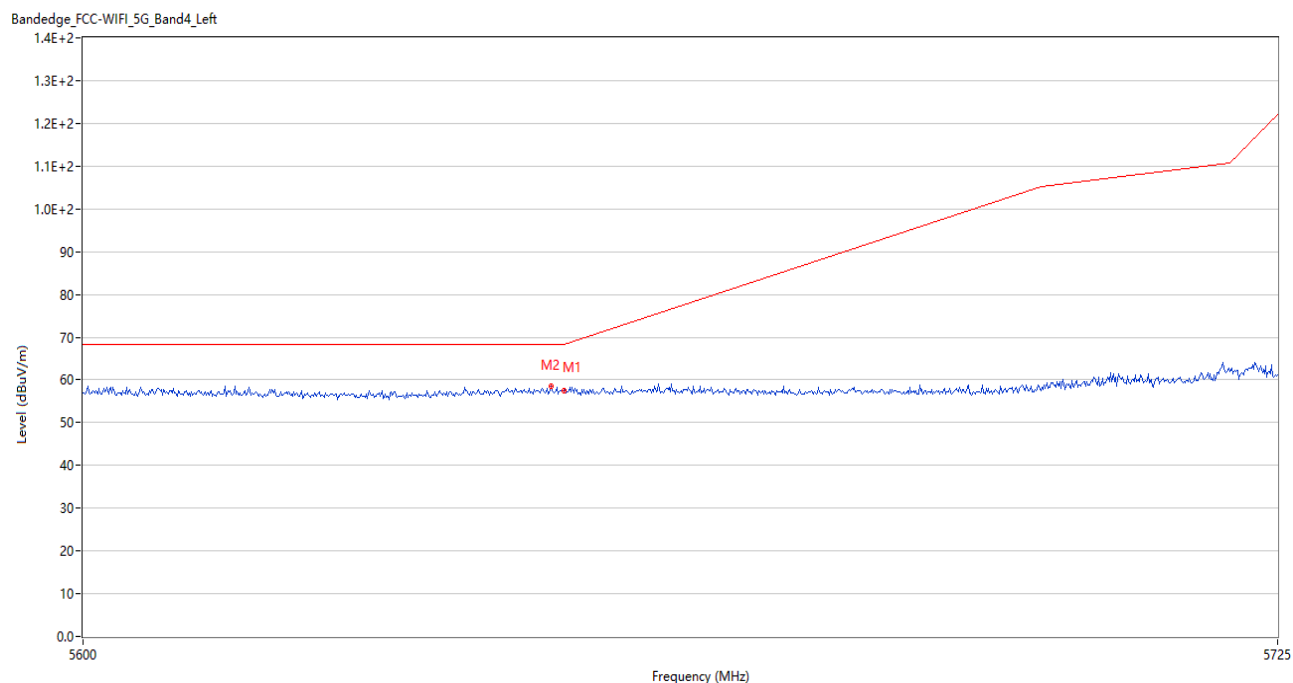
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	59.15	7.83	68.2	9.05	Peak	28.42	150	Vertical	Pass
2	5944.350	60.74	7.39	68.2	7.46	Peak	360.00	150	Vertical	Pass

U-NII-3 11ac80 Middle Channel, ANT H



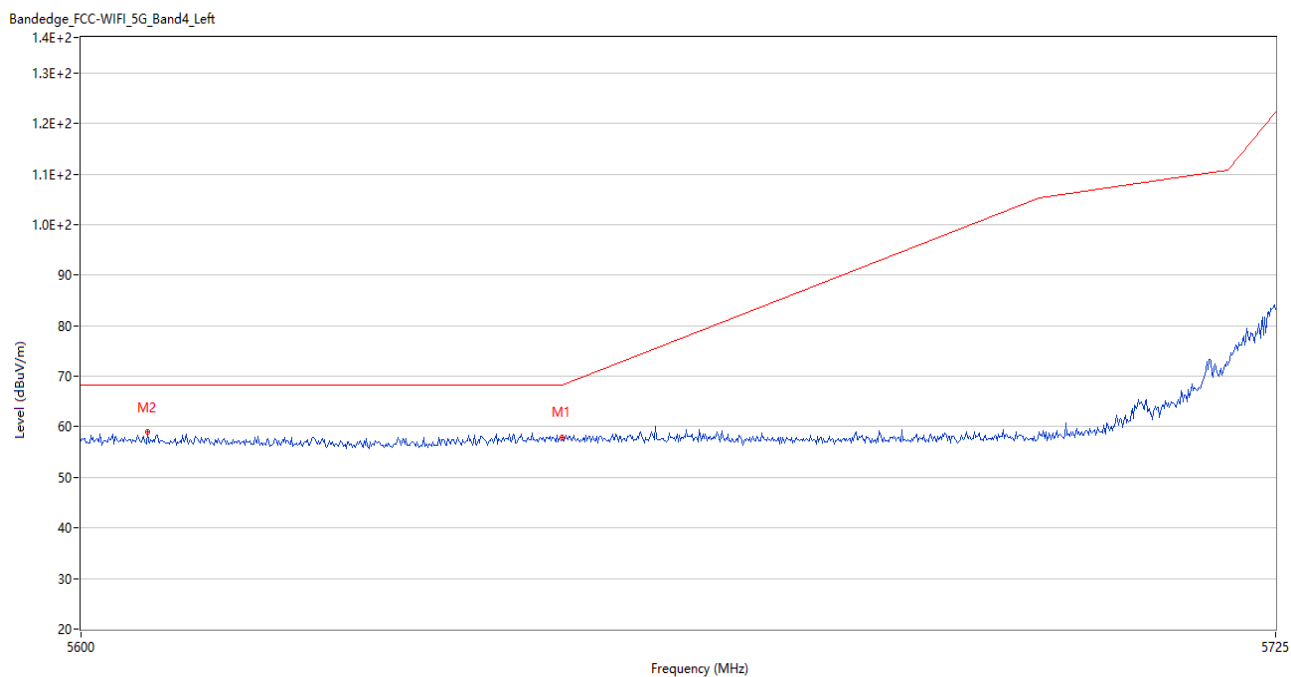
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.69	5.94	68.2	10.51	Peak	233.01	150	Horizontal	Pass
2	5616.750	59.43	5.94	68.2	8.77	Peak	0.00	150	Horizontal	Pass

U-NII-3 11ac80 Middle Channel, ANT V



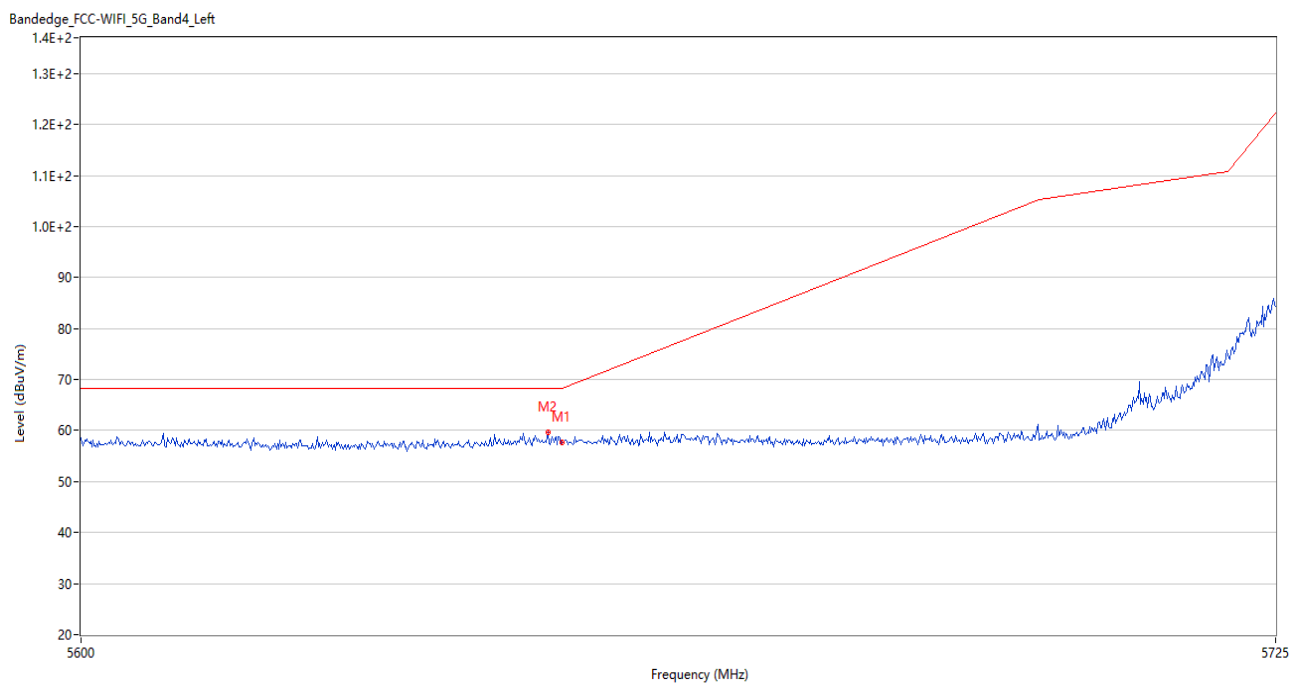
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.39	5.94	68.2	10.81	Peak	160.11	150	Vertical	Pass
2	5648.625	58.57	5.96	68.2	9.63	Peak	155.00	150	Vertical	Pass

U-NII-3 11ax20 (SU) Low Channel, ANT H



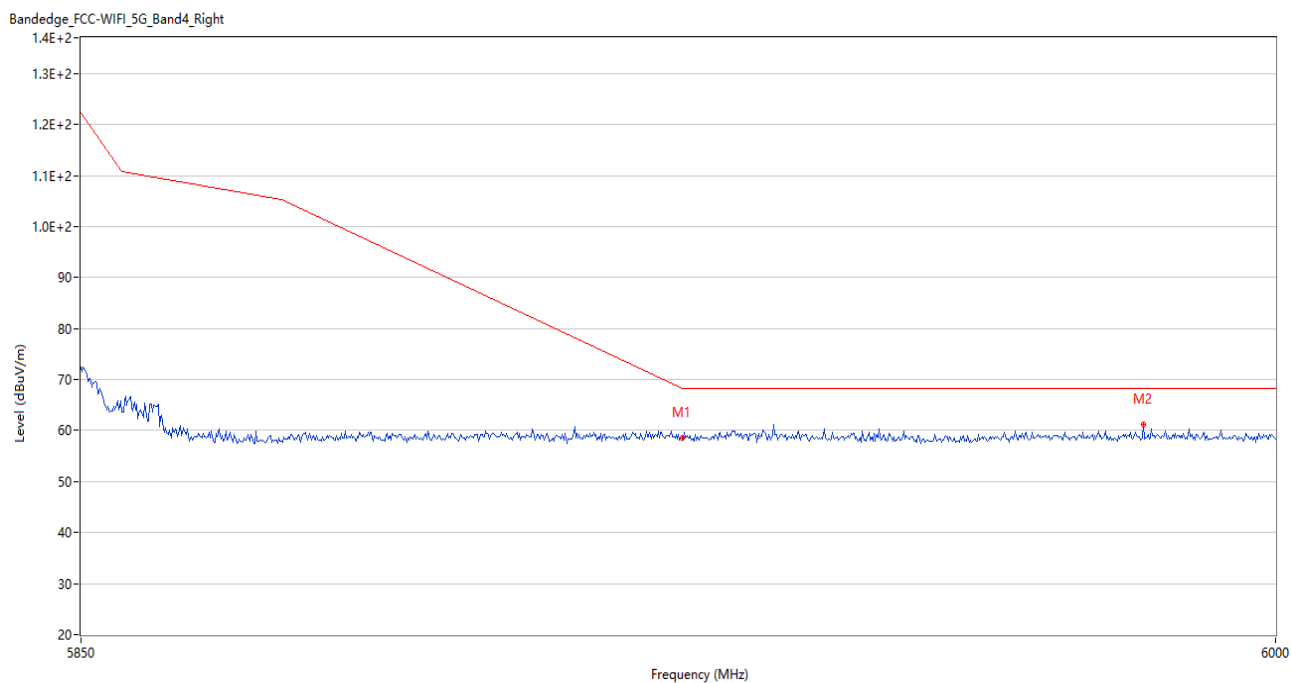
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.90	5.94	68.2	10.30	Peak	255.04	150	Horizontal	Pass
2	5606.875	58.95	5.89	68.2	9.25	Peak	264.00	150	Horizontal	Pass

U-NII-3 11ax20 (SU) Low Channel, ANT V



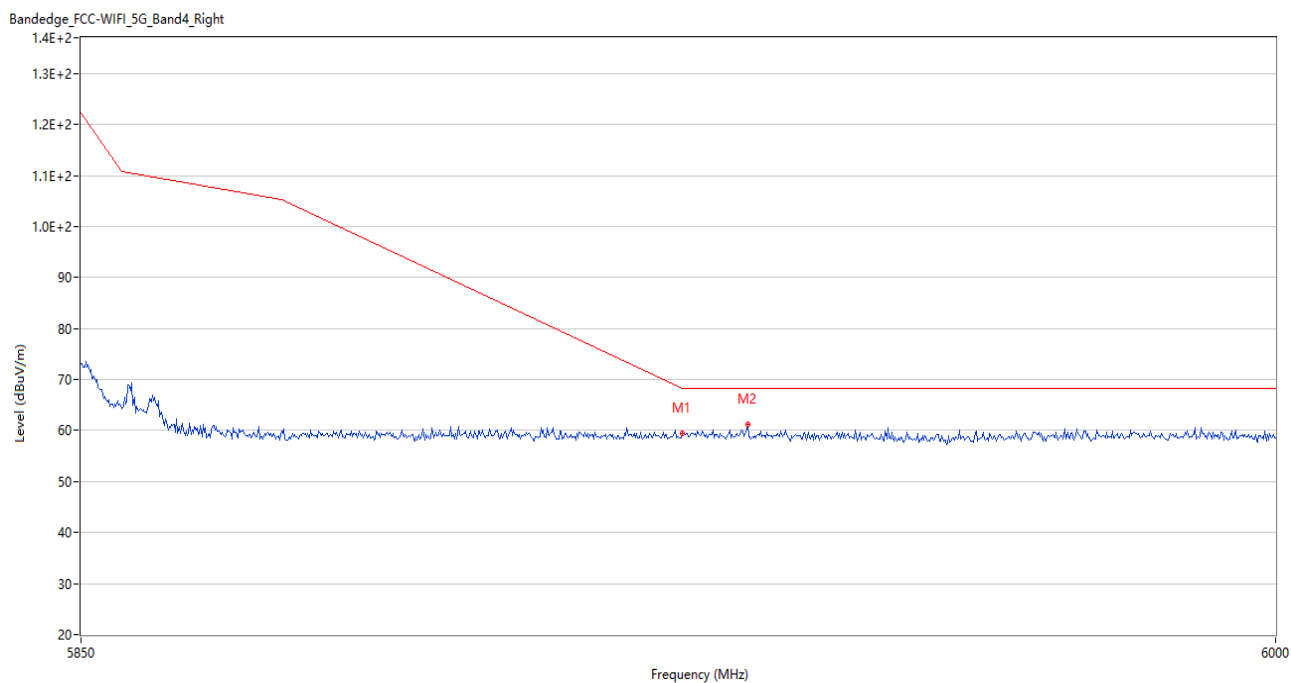
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.72	5.94	68.2	10.48	Peak	272.72	150	Vertical	Pass
2	5648.500	59.63	5.96	68.2	8.57	Peak	255.00	150	Vertical	Pass

U-NII-3 11ax20 (SU) High Channel, ANT H



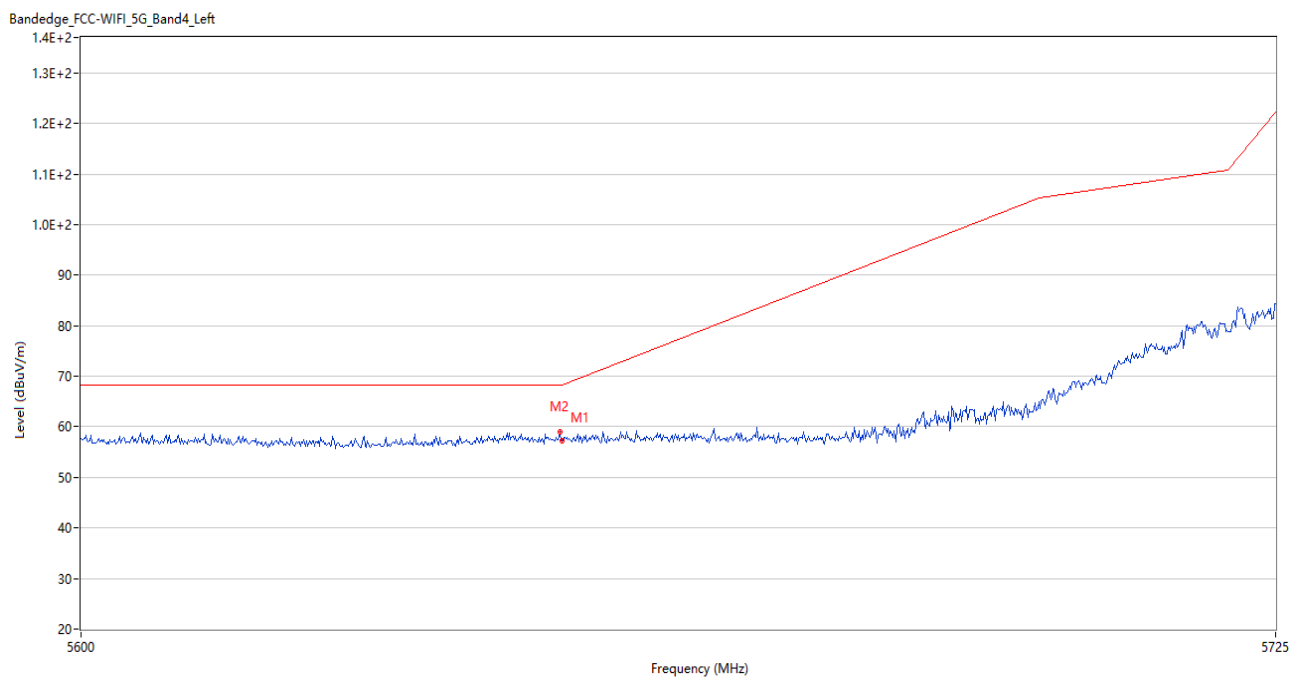
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.58	7.83	68.2	9.62	Peak	6.21	150	Horizontal	Pass
2	5983.200	61.21	7.54	68.2	6.99	Peak	239.00	150	Horizontal	Pass

U-NII-3 11ax20 (SU) High Channel, ANT V



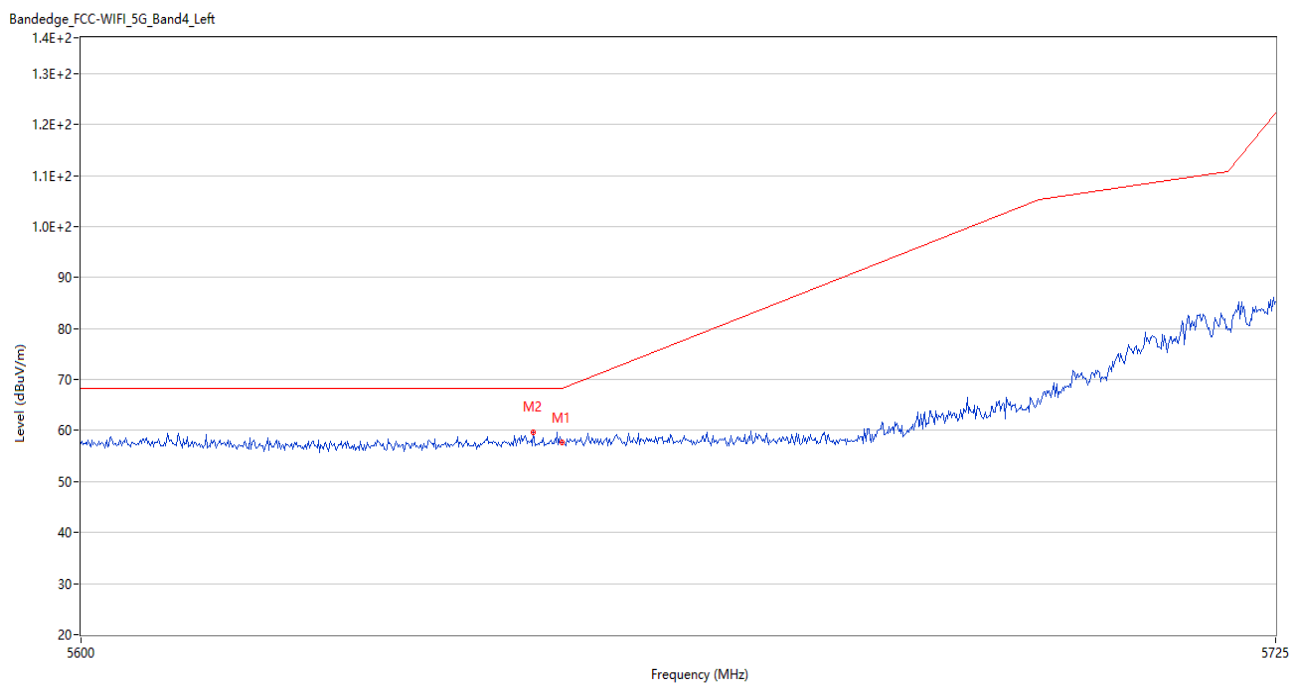
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	59.41	7.83	68.2	8.79	Peak	20.97	150	Vertical	Pass
2	5933.250	61.14	7.57	68.2	7.06	Peak	0.00	150	Vertical	Pass

U-NII-3 11ax40 (SU) Low Channel, ANT H



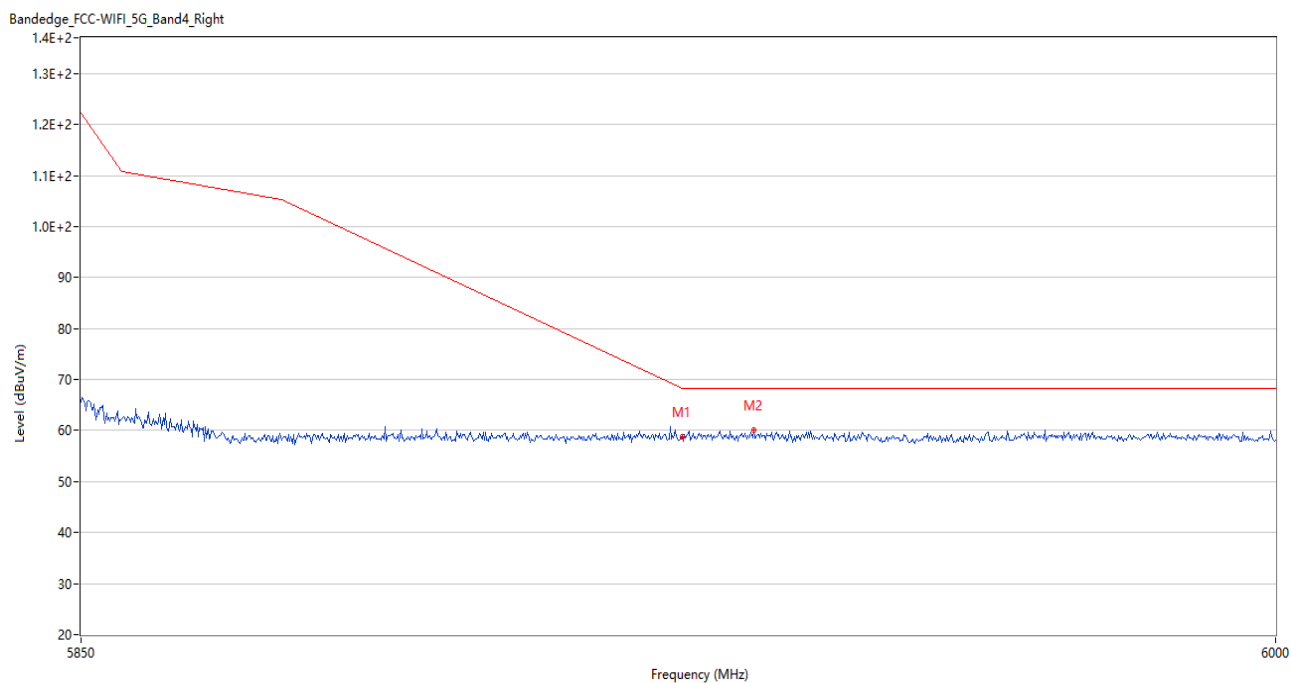
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.24	5.94	68.2	10.96	Peak	258.73	150	Horizontal	Pass
2	5649.750	59.06	5.94	68.2	9.14	Peak	323.00	150	Horizontal	Pass

U-NII-3 11ax40 (SU) Low Channel, ANT V



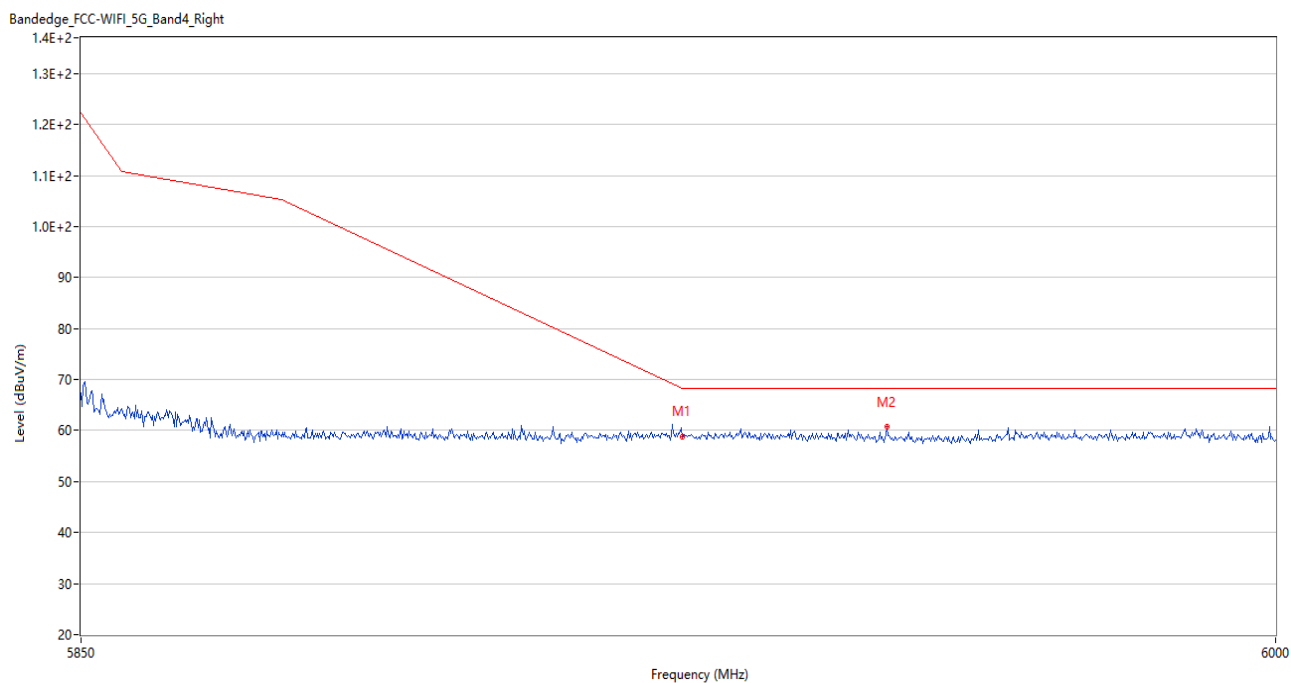
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.59	5.94	68.2	10.61	Peak	359.90	150	Vertical	Pass
2	5647.000	59.56	5.95	68.2	8.64	Peak	264.00	150	Vertical	Pass

U-NII-3 11ax40 (SU) High Channel, ANT H



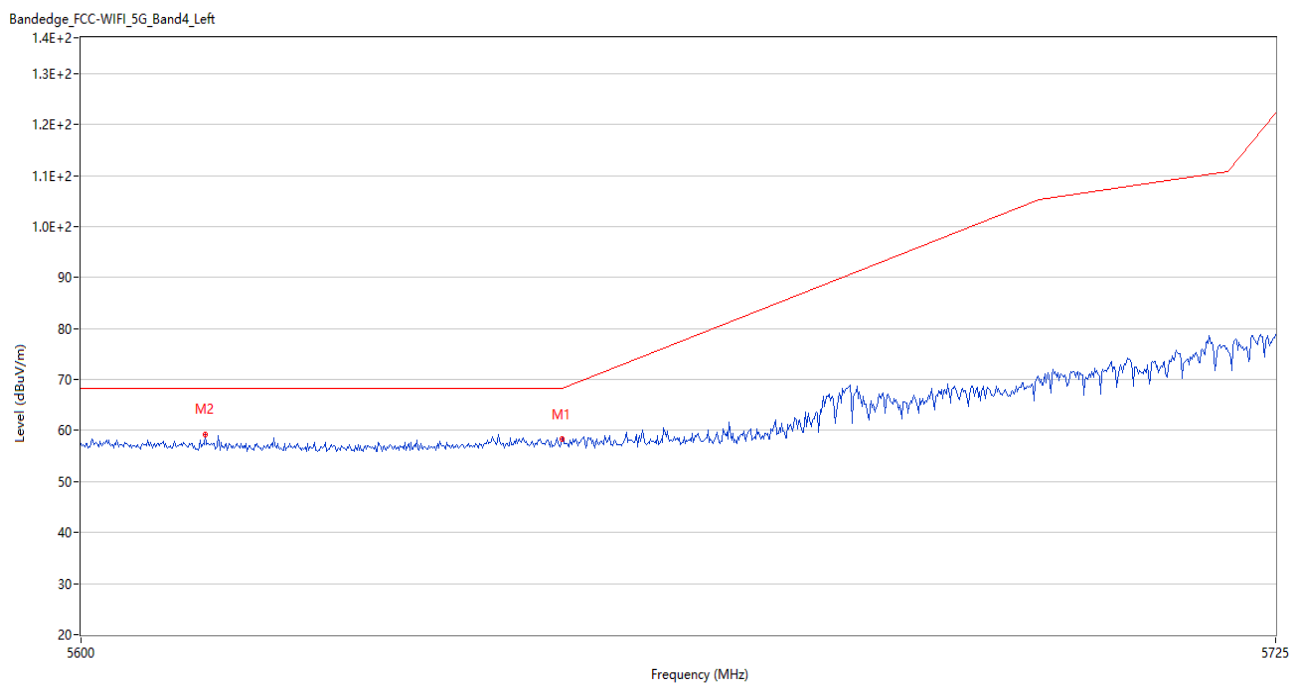
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.71	7.83	68.2	9.49	Peak	4.14	150	Horizontal	Pass
2	5934.000	60.13	7.53	68.2	8.07	Peak	317.00	150	Horizontal	Pass

U-NII-3 11ax40 (SU) High Channel, ANT V



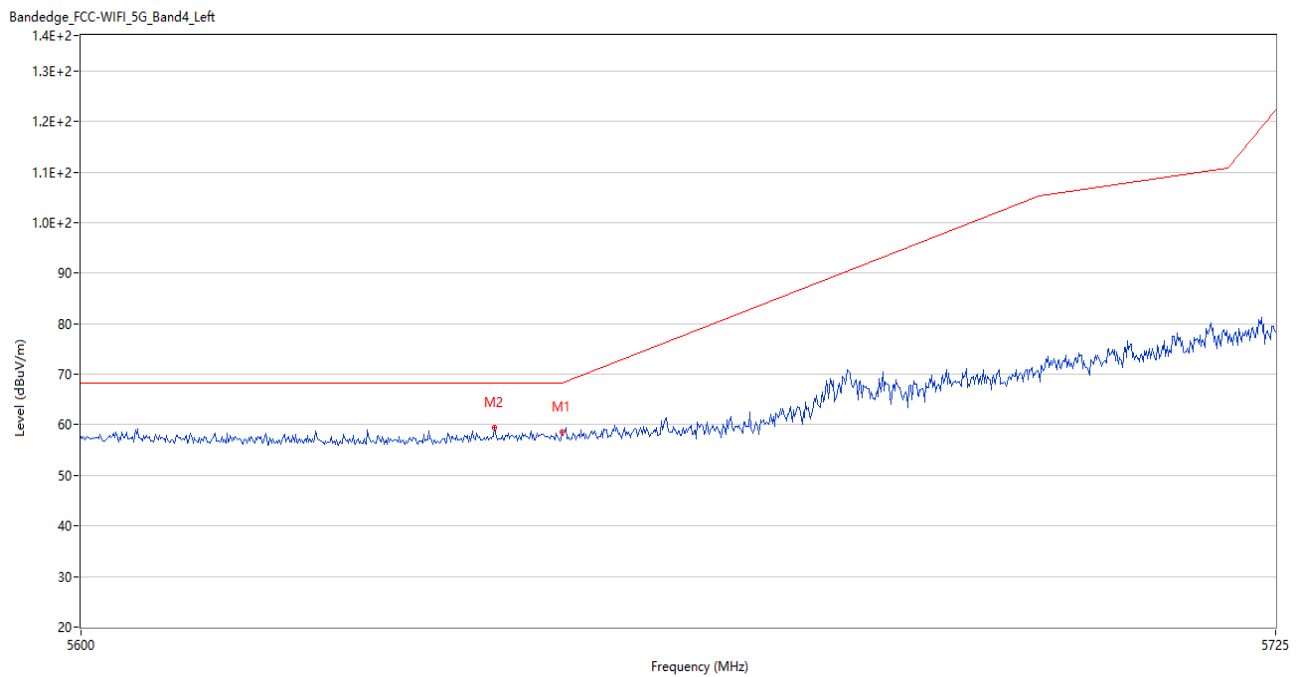
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.85	7.83	68.2	9.35	Peak	294.98	150	Vertical	Pass
2	5950.800	60.82	7.50	68.2	7.38	Peak	254.00	150	Vertical	Pass

U-NII-3 11ax80 (SU) 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	57.18	5.94	68.2	11.02	Peak	359.98	150	Horizontal	Pass
2	5612.875	59.30	5.87	68.2	8.90	Peak	320.00	150	Horizontal	Pass

U-NII-3 11ax80 (SU) 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	58.56	5.94	68.2	9.64	Peak	274.07	150	Vertical	Pass
2	5643.000	59.45	6.00	68.2	8.75	Peak	272.00	150	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2480082-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2480082-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2480082-AI.PDF”.

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--END OF REPORT--