

TEST REPORT

Applicant: INFINIX MOBILITY LIMITED
Address: FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL
CENTRE 19-25 SHAN MEI STREET FOTAN NT
HONGKONG
Equipment Type: Mobile phone
Model Name: X6880
Brand Name: Infinix
FCC ID: 2AIZN-YY5-X6880
Test Standard: 47 CFR Part 15 Subpart E
(refer section 3.1)
Sample Arrival Date: Jun. 27, 2024
Test Date: Jul. 24, 2024 - Jul. 30, 2024
Date of Issue: Aug 13, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Yu Yingyuan**Checked by:** Ye Hongji**Approved by:** Sunny Zou
(Technical Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Aug. 13, 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. The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A.

2 PRODUCT INFORMATION

2.1 Applicant Information

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

2.2 Manufacturer Information

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

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile phone
Model Name Under Test	X6880
Series Model Name	N/A
Description of Model name differentiation	N/A
Serial Number	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EGPRS 850/1900 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/13/17/25/26/66 LTE TDD Band 38/41 LTE CA Uplink (UL): CA_2C, CA_5B, CA_7C, CA_38C, CA_41C, CA_66C Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) GPS, GLONASS, BDS, Galileo, FM Receiver, NFC
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz	
Product Type	☐ 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	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz,	
Maximum Output Power	U-NII-1: 15.38 dBm U-NII-2A: 14.53 dBm U-NII-2C: 17.66 dBm U-NII-3: 17.49 dBm	
Antenna System (eg., MIMO, Smart Antenna)	N/A	
Categorization as Correlated or Completely Uncorrelated	N/A	
Antenna Type	Main Antenna	PIFA Antenna
	Aux. Antenna	
Antenna Gain	Main Antenna	U-NII-1: 5150 MHz to 5250 MHz: -4.19 dBi U-NII-2A: 5250 MHz to 5350 MHz: -4.19 dBi U-NII-2C: 5470 MHz to 5725 MHz: -4.19 dBi U-NII-3: 5725 MHz to 5850 MHz: -4.19 dBi
	Aux. Antenna	U-NII-1: 5150 MHz to 5250 MHz: -3.19 dBi

		U-NII-2A: 5250 MHz to 5350 MHz: -3.19 dBi U-NII-2C: 5470 MHz to 5725 MHz: -3.19 dBi U-NII-3: 5725 MHz to 5850 MHz: -3.19 dBi
Total directional gain	For power spectral density(PSD) measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz: -0.67 dBi U-NII-2A: 5250 MHz to 5350 MHz: -0.67 dBi U-NII-2C: 5470 MHz to 5725 MHz: -0.67 dBi U-NII-3: 5725 MHz to 5850 MHz: -0.67 dBi Formulas: Directional gain = $GANT + 10 \log(NANT)$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: -3.66 dBi U-NII-2A: 5250 MHz to 5350 MHz: -3.66 dBi U-NII-2C: 5470 MHz to 5725 MHz: -3.66 dBi U-NII-3: 5725 MHz to 5850 MHz: -3.66 dBi Formulas: Directional gain = $GANT$
	For power measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz: -0.67 dBi U-NII-2A: 5250 MHz to 5350 MHz: -0.67 dBi U-NII-2C: 5470 MHz to 5725 MHz: -0.67 dBi U-NII-3: 5725 MHz to 5850 MHz: -0.67 dBi Formulas: Directional gain = $GANT + 10 \log(NANT)$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: -3.66 dBi U-NII-2A: 5250 MHz to 5350 MHz: -3.66 dBi U-NII-2C: 5470 MHz to 5725 MHz: -3.66 dBi U-NII-3: 5725 MHz to 5850 MHz: -3.66 dBi Formulas: Directional gain = $GANT$
About the Product		The equipment is Mobile Phone, intended for used with information technology equipment.

2.5 Channel List

20 MHz		40 MHz		80 MHz		160MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210	50	5250
40	5200	46	5230	58	5290	114	5570
44	5220	54	5270	106	5530		
48	5240	62	5310	122	5610		
52	5260	102	5510	138	5690		
56	5280	110	5550	155	5775		
60	5300	118	5590				
64	5320	126	5630				
100	5500	134	5670				
104	5520	142	5710				
108	5540	151	5755				
112	5560	159	5795				
116	5580						
120	5600						
124	5620						
128	5640						
132	5660						
136	5680						
140	5700						
144	5720						
149	5745						
153	5765						
157	5785						
161	5805						
165	5825						

Note: This report equipment will not transmit in the 5600-5650 MHz frequency band when used in Canada. This restriction is to protect weather radars operating in this frequency band.

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

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

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
4	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	RSS Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	RSS-247, 6.2	--	Pass ^{Note1}
2	RF Output Power	15.407(a)	RSS-247, 6.2	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	RSS-247, 6.2	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	RSS-247, 6.2	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	RSS-247, 6.2	ANNEX A.4	Pass
6	Conducted Emission	15.207	RSS-GEN, 8.8	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	RSS-247, 6.2	ANNEX A.6	Pass

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

Note ²: Only radio communication receivers operating in stand-alone mode within the U-NII-30-960 MHz, as well as scanner receivers, are subject to Industry Canada requirements, so this 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 59%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.0°C to +24.3°C
Working Voltage of the EUT	NV (Normal Voltage)	3.91 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2024.05.08	2025.05.07
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2023.09.05	2024.09.04
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2024.05.22	2025.05.21
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	2460	2024.05.16	2027.05.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2022.02.19	2024.08.15
Amplifier	COM-MV	ZT30-1000M	07210897	2023.09.05	2024.09.04
Amplifier	COM-MV	LSCX_LNA1-12G-01	7210214	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2023.09.05	2024.09.04
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.26	2026.03.03
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.08	2025.05.07
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	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%

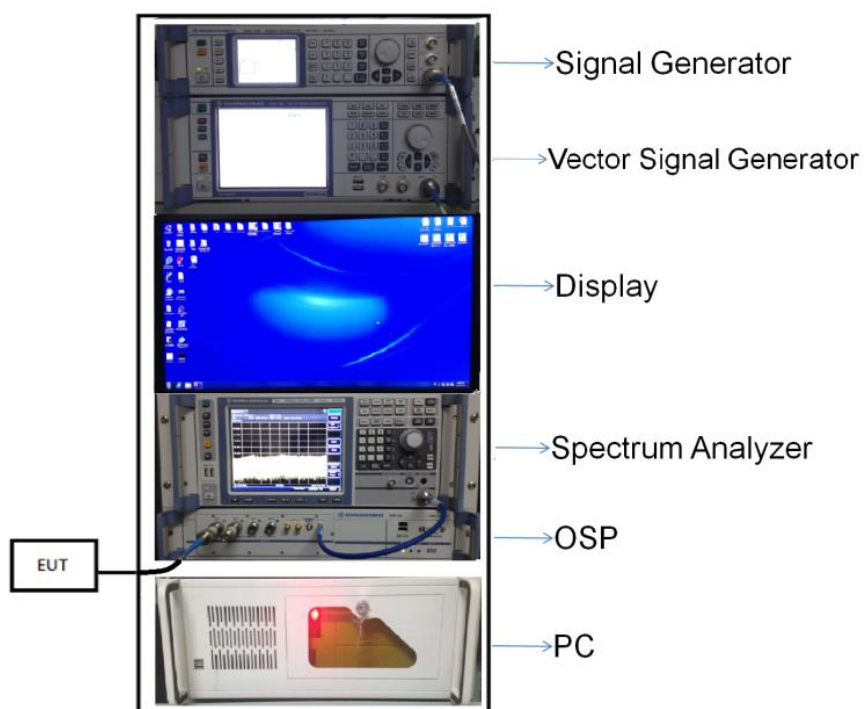
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

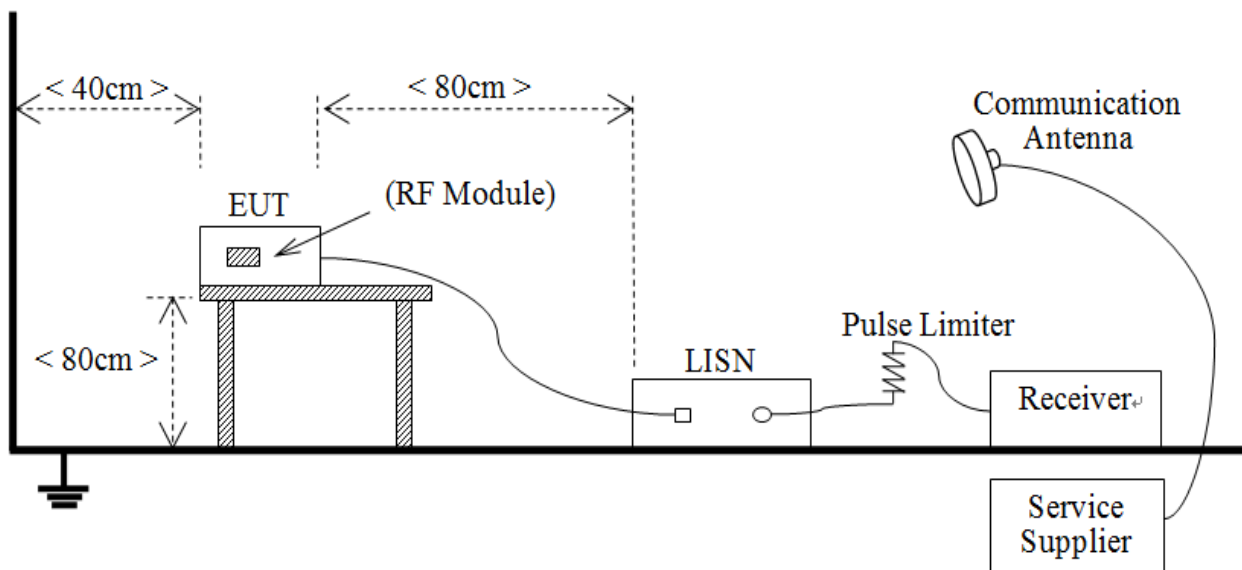
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



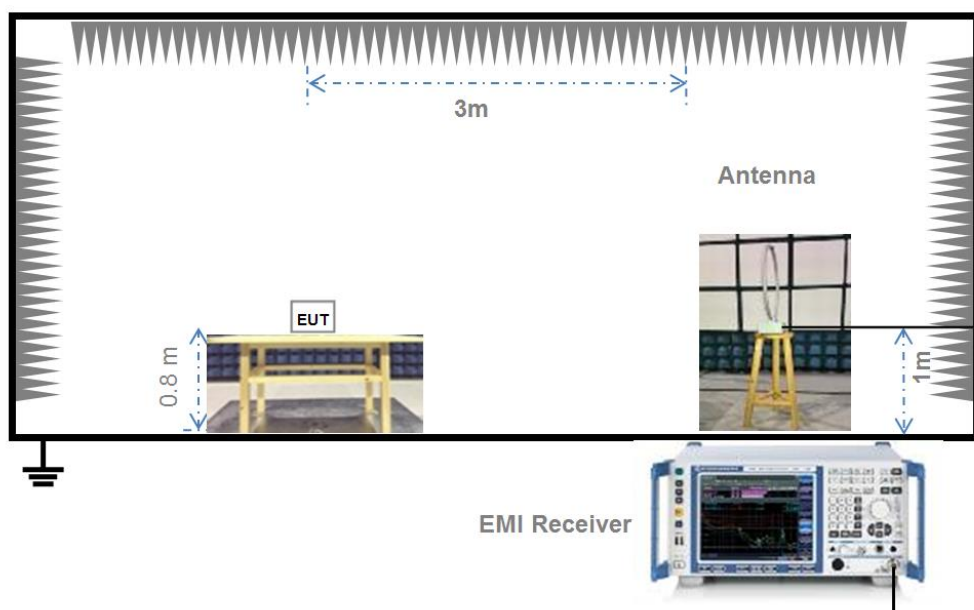
(Diagram 1)

4.5.2 For AC Power Supply Port Test



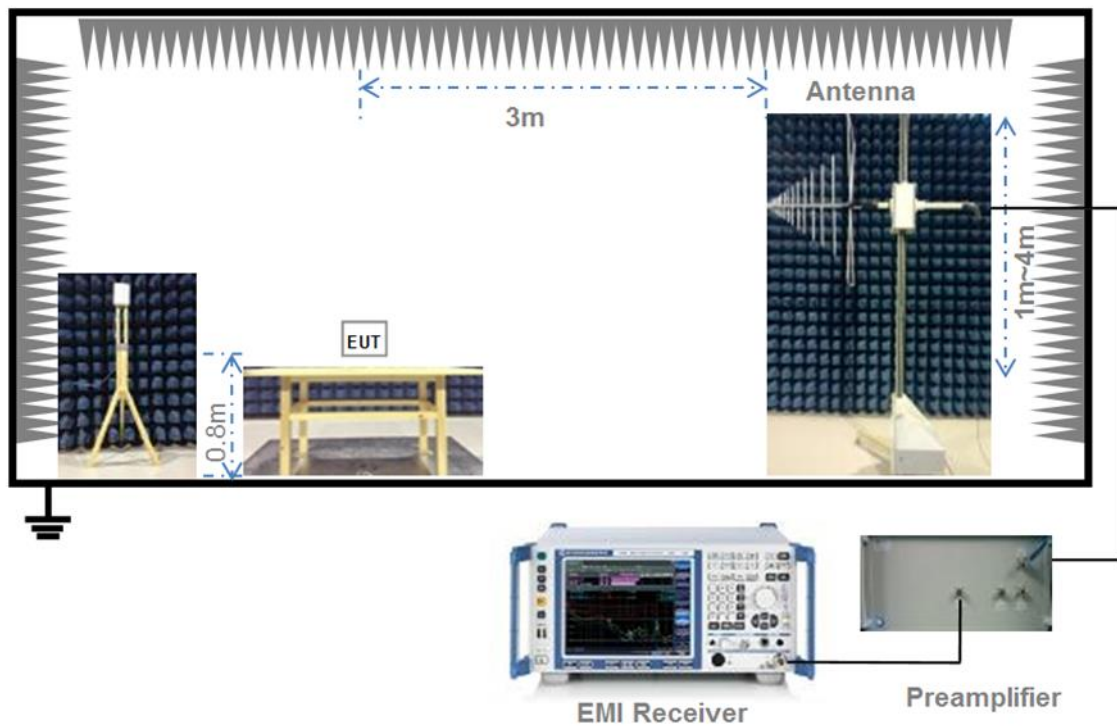
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



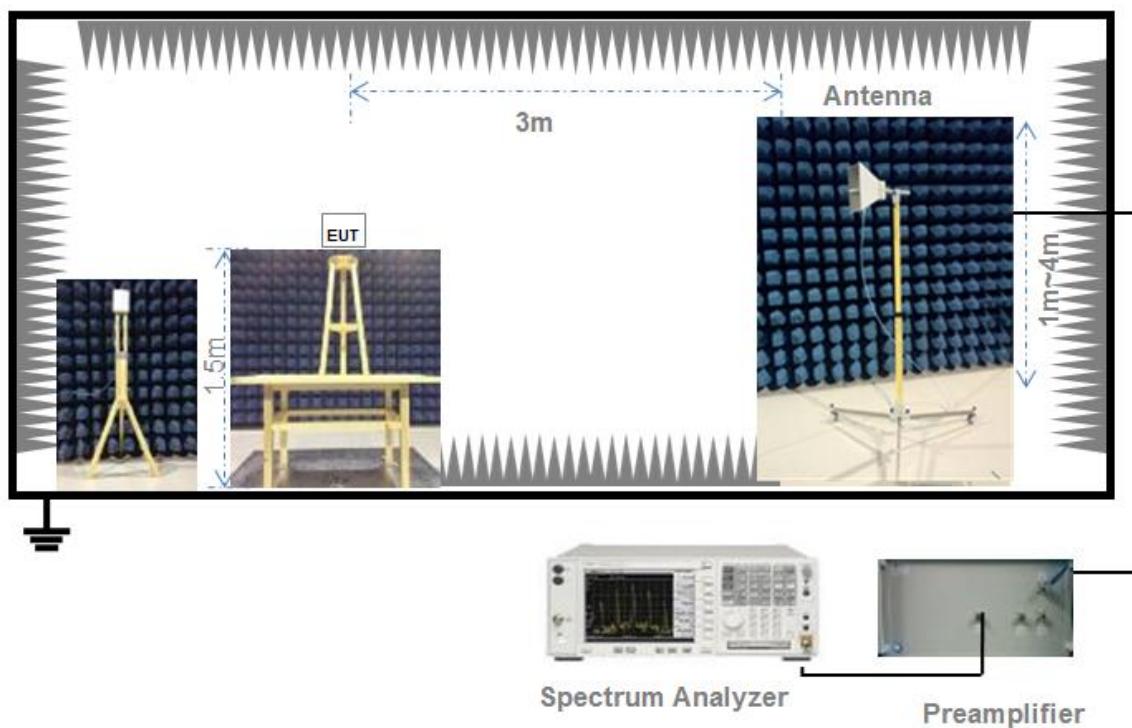
(Diagram 3)

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.	

RSS-247, 6.2

The maximum conducted output power shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	N/A
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 99% emissions bandwidth in MHz.	

The maximum e.i.r.p. shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	200 mW or 10 dBm + 10log B, whichever is less.
5250-5350	1W or 17 dBm + 10log B, whichever is less.
5470-5725	1W or 17 dBm + 10log B, whichever is less.
5725-5850	N/A
Note1: Where “B” is the 99% emissions bandwidth in MHz.	
Note2: EIRP= maximum conducted output power+ Antenna Gain.	

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

at least a factor of five.

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

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

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

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

The e.i.r.p. spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	10 dBm/MHz
5250-5350	N/A
5470-5725	N/A
5725-5850	N/A
e.i.r.p. spectral density= maximum power spectral density+ Antenna Gain.	

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, RSS-GEN, 8.8

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)

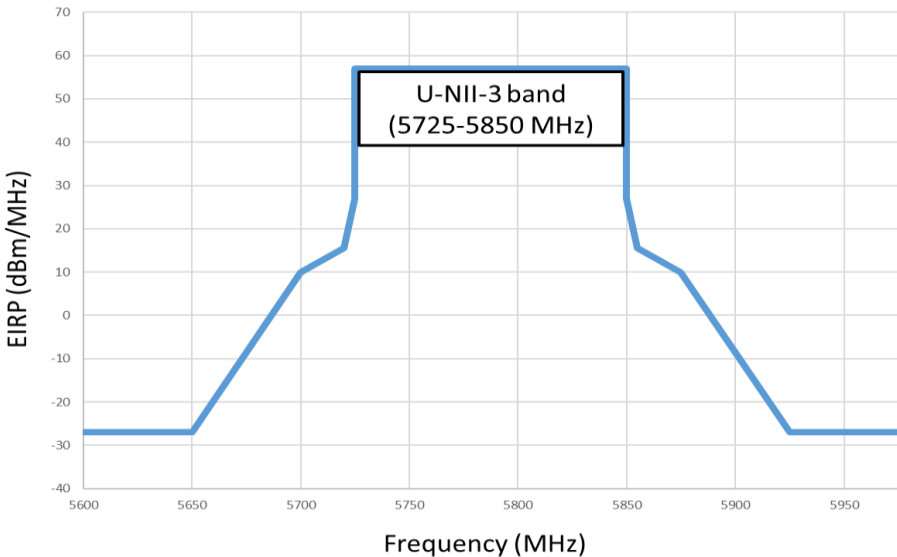
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

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

Note²: The tighter limit applies at the band edge.

Un-restricted band emissions	
Out Operating Band (MHz)	Limit
5150 - 5250	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5250 - 5350	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5470 - 5725	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5725 - 5850	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 ¹: For FCC standard, if transmitting antennas of directional gain greater than 6 dBi are used, all band maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note ²: For IC standard, the U-NII-3 (5725 - 5850 MHz) maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note ³: All the configurations were tested, but only the worst data was shown in this report.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	1.39	1.43	97.69%
11n (HT20)	1.30	1.34	97.15%
11ac (VHT20)	0.65	0.68	94.86%
11n (HT40)	1.31	1.35	97.33%
1ac (VHT40)	0.65	0.69	94.50%
11ac (VHT80)	0.32	0.36	90.38%

Test DataConducted PowerMain Antenna

U-NII-1 (5150 - 5250 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH36	13.68	23.33	250	N/A	Pass
11a	CH44	13.40	21.88	250	N/A	Pass
11a	CH48	13.24	21.09	250	N/A	Pass
11n (HT20)	CH36	15.27	33.65	250	N/A	Pass
11n (HT20)	CH44	14.69	29.44	250	N/A	Pass
11n (HT20)	CH48	14.34	27.16	250	N/A	Pass
11n (HT40)	CH38	15.08	32.21	250	N/A	Pass
11n (HT40)	CH46	14.87	30.69	250	N/A	Pass
11ac (VHT20)	CH36	15.38	34.51	250	N/A	Pass
11ac (VHT20)	CH44	14.71	29.58	250	N/A	Pass
11ac (VHT20)	CH48	14.42	27.67	250	N/A	Pass
11ac (VHT40)	CH38	14.76	29.92	250	N/A	Pass
11ac (VHT40)	CH46	14.05	25.41	250	N/A	Pass
11ac (VHT80)	CH42	14.05	25.41	250	N/A	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH52	13.37	21.73	250	N/A	Pass
11a	CH60	13.21	20.94	250	N/A	Pass
11a	CH64	12.88	19.41	250	N/A	Pass
11n (HT20)	CH52	14.25	26.61	250	N/A	Pass
11n (HT20)	CH60	14.12	25.82	250	N/A	Pass
11n (HT20)	CH64	13.86	24.32	250	N/A	Pass
11n (HT40)	CH54	13.76	23.77	250	N/A	Pass
11n (HT40)	CH62	13.55	22.65	250	N/A	Pass
11ac (VHT20)	CH52	14.35	27.23	250	N/A	Pass
11ac (VHT20)	CH60	13.74	23.66	250	N/A	Pass
11ac (VHT20)	CH64	13.56	22.70	250	N/A	Pass
11ac (VHT40)	CH54	13.49	22.34	250	N/A	Pass
11ac (VHT40)	CH62	13.06	20.23	250	N/A	Pass
11ac (VHT80)	CH58	13.29	21.33	250	N/A	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	13.13	20.56	250	N/A	Pass
11a	CH116	13.19	20.84	250	N/A	Pass
11a	CH140	13.94	24.77	250	N/A	Pass
11n (HT20)	CH100	14.37	27.35	250	N/A	Pass
11n (HT20)	CH116	14.77	29.99	250	N/A	Pass
11n (HT20)	CH140	15.83	38.28	250	N/A	Pass
11n (HT40)	CH102	14.39	27.48	250	N/A	Pass
11n (HT40)	CH118	14.78	30.06	250	N/A	Pass
11n (HT40)	CH134	15.14	32.66	250	N/A	Pass
11ac (VHT20)	CH100	14.68	29.38	250	N/A	Pass
11ac (VHT20)	CH116	14.70	29.51	250	N/A	Pass
11ac (VHT20)	CH140	15.27	33.65	250	N/A	Pass
11ac (VHT40)	CH102	14.31	26.98	250	N/A	Pass
11ac (VHT40)	CH118	14.00	25.12	250	N/A	Pass
11ac (VHT40)	CH134	14.63	29.04	250	N/A	Pass
11ac (VHT80)	CH106	13.40	21.88	250	N/A	Pass
11ac (VHT80)	CH122	13.93	24.72	250	N/A	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.20	26.30	1000	Pass
11a	CH157	14.43	27.73	1000	Pass
11a	CH165	14.40	27.54	1000	Pass
11n (HT20)	CH149	15.39	34.59	1000	Pass
11n (HT20)	CH157	15.59	36.22	1000	Pass
11n (HT20)	CH165	15.56	35.97	1000	Pass
11n (HT40)	CH151	15.18	32.96	1000	Pass
11n (HT40)	CH159	15.34	34.20	1000	Pass
11ac (VHT20)	CH149	15.44	34.99	1000	Pass
11ac (VHT20)	CH157	15.56	35.97	1000	Pass
11ac (VHT20)	CH165	15.54	35.81	1000	Pass
11ac (VHT40)	CH151	14.82	30.34	1000	Pass
11ac (VHT40)	CH159	14.98	31.48	1000	Pass
11ac (VHT80)	CH155	14.60	28.84	1000	Pass

Aux Antenna

U-NII-1 (5150 - 5250 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH36	13.56	22.70	250	N/A	Pass
11a	CH44	13.46	22.18	250	N/A	Pass
11a	CH48	13.07	20.28	250	N/A	Pass
11n (HT20)	CH36	14.88	30.76	250	N/A	Pass
11n (HT20)	CH44	14.73	29.72	250	N/A	Pass
11n (HT20)	CH48	14.39	27.48	250	N/A	Pass
11n (HT40)	CH38	14.78	30.06	250	N/A	Pass
11n (HT40)	CH46	14.53	28.38	250	N/A	Pass
11ac (VHT20)	CH36	15.01	31.70	250	N/A	Pass
11ac (VHT20)	CH44	14.77	29.99	250	N/A	Pass
11ac (VHT20)	CH48	14.41	27.61	250	N/A	Pass
11ac (VHT40)	CH38	14.32	27.04	250	N/A	Pass
11ac (VHT40)	CH46	13.66	23.23	250	N/A	Pass
11ac (VHT80)	CH42	12.81	19.10	250	N/A	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH52	13.17	20.75	250	N/A	Pass
11a	CH60	13.61	22.96	250	N/A	Pass
11a	CH64	13.21	20.94	250	N/A	Pass
11n (HT20)	CH52	14.23	26.49	250	N/A	Pass
11n (HT20)	CH60	14.53	28.38	250	N/A	Pass
11n (HT20)	CH64	14.45	27.86	250	N/A	Pass
11n (HT40)	CH54	13.98	25.00	250	N/A	Pass
11n (HT40)	CH62	14.27	26.73	250	N/A	Pass
11ac (VHT20)	CH52	14.30	26.92	250	N/A	Pass
11ac (VHT20)	CH60	14.51	28.25	250	N/A	Pass
11ac (VHT20)	CH64	14.51	28.25	250	N/A	Pass
11ac (VHT40)	CH54	13.58	22.80	250	N/A	Pass
11ac (VHT40)	CH62	13.19	20.84	250	N/A	Pass
11ac (VHT80)	CH58	12.41	17.42	250	N/A	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	14.87	30.69	250	N/A	Pass
11a	CH116	15.37	34.43	250	N/A	Pass
11a	CH140	16.18	41.50	250	N/A	Pass
11n (HT20)	CH100	16.12	40.93	250	N/A	Pass
11n (HT20)	CH116	16.61	45.81	250	N/A	Pass
11n (HT20)	CH140	17.66	58.34	250	N/A	Pass
11n (HT40)	CH102	10.54	11.32	250	N/A	Pass
11n (HT40)	CH118	16.36	43.25	250	N/A	Pass
11n (HT40)	CH134	16.94	49.43	250	N/A	Pass
11ac (VHT20)	CH100	12.26	16.83	250	N/A	Pass
11ac (VHT20)	CH116	16.50	44.67	250	N/A	Pass
11ac (VHT20)	CH140	8.73	7.46	250	N/A	Pass
11ac (VHT40)	CH102	15.42	34.83	250	N/A	Pass
11ac (VHT40)	CH118	15.90	38.90	250	N/A	Pass
11ac (VHT40)	CH134	16.61	45.81	250	N/A	Pass
11ac (VHT80)	CH106	9.34	8.59	250	N/A	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	15.90	38.90	1000	Pass
11a	CH157	16.20	41.69	1000	Pass
11a	CH165	16.25	42.17	1000	Pass
11n (HT20)	CH149	17.27	53.33	1000	Pass
11n (HT20)	CH157	17.49	56.10	1000	Pass
11n (HT20)	CH165	17.46	55.72	1000	Pass
11n (HT40)	CH151	17.06	50.82	1000	Pass
11n (HT40)	CH159	17.30	53.70	1000	Pass
11ac (VHT20)	CH149	17.27	53.33	1000	Pass
11ac (VHT20)	CH157	17.51	56.36	1000	Pass
11ac (VHT20)	CH165	17.48	55.98	1000	Pass
11ac (VHT40)	CH151	16.59	45.60	1000	Pass
11ac (VHT40)	CH159	16.74	47.21	1000	Pass
11ac (VHT80)	CH155	16.38	43.45	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2461152-604 Data Part 1.pdf".

Test Data

Main Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	24.09	16.70
11a	CH44	24.83	16.64
11a	CH48	24.09	16.65
11n (HT20)	CH36	28.78	17.72
11n (HT20)	CH44	28.10	17.93
11n (HT20)	CH48	29.62	17.93
11n (HT40)	CH38	65.57	36.42
11n (HT40)	CH46	63.70	36.40
11ac (VHT20)	CH36	28.46	17.95
11ac (VHT20)	CH44	28.52	17.75
11ac (VHT20)	CH48	26.14	17.90
11ac (VHT40)	CH38	53.47	36.30
11ac (VHT40)	CH46	54.51	36.24
11ac (VHT80)	CH42	157.48	76.31

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	25.13	16.68
11a	CH60	24.47	16.57
11a	CH64	22.86	16.65
11n (HT20)	CH52	31.90	17.90
11n (HT20)	CH60	25.62	17.95
11n (HT20)	CH64	30.24	17.82
11n (HT40)	CH54	59.23	36.40
11n (HT40)	CH62	55.59	36.40
11ac (VHT20)	CH52	27.48	17.89
11ac (VHT20)	CH60	27.89	17.75
11ac (VHT20)	CH64	28.13	17.87
11ac (VHT40)	CH54	52.78	36.29
11ac (VHT40)	CH62	57.14	36.29
11ac (VHT80)	CH58	126.13	75.88

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	24.56	16.68
11a	CH116	24.59	16.64
11a	CH140	28.09	16.56
11n (HT20)	CH100	33.13	18.01
11n (HT20)	CH116	32.57	17.86
11n (HT20)	CH140	30.82	17.99
11n (HT40)	CH102	63.80	36.45
11n (HT40)	CH118	60.27	36.51
11n (HT40)	CH134	63.79	36.49
11ac (VHT20)	CH100	31.14	17.94
11ac (VHT20)	CH116	30.50	17.91
11ac (VHT20)	CH140	30.41	17.87
11ac (VHT40)	CH102	48.03	36.43
11ac (VHT40)	CH118	58.70	36.33
11ac (VHT40)	CH134	64.98	36.36
11ac (VHT80)	CH106	129.33	76.40
11ac (VHT80)	CH122	131.68	76.02

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	25.10	16.69
11a	CH157	27.81	16.78
11a	CH165	19.79	16.84
11n (HT20)	CH149	29.42	17.93
11n (HT20)	CH157	32.34	17.93
11n (HT20)	CH165	30.57	17.95
11n (HT40)	CH151	65.39	36.45
11n (HT40)	CH159	66.70	36.49
11ac (VHT20)	CH149	31.86	18.08
11ac (VHT20)	CH157	33.01	18.03
11ac (VHT20)	CH165	34.18	18.01
11ac (VHT40)	CH151	65.99	36.32
11ac (VHT40)	CH159	58.29	36.41
11ac (VHT80)	CH155	153.32	76.25

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	24.65	16.64
11a	CH44	25.30	16.60
11a	CH48	24.42	16.60
11n (HT20)	CH36	25.33	17.85
11n (HT20)	CH44	31.42	17.83
11n (HT20)	CH48	28.78	17.86
11n (HT40)	CH38	62.44	36.38
11n (HT40)	CH46	62.41	36.38
11ac (VHT20)	CH36	31.48	17.81
11ac (VHT20)	CH44	27.57	17.81
11ac (VHT20)	CH48	29.64	17.90
11ac (VHT40)	CH38	56.21	36.30
11ac (VHT40)	CH46	54.71	36.26
11ac (VHT80)	CH42	142.28	76.11

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	24.74	16.60
11a	CH60	21.49	16.61
11a	CH64	25.66	16.61
11n (HT20)	CH52	28.97	17.82
11n (HT20)	CH60	31.26	17.86
11n (HT20)	CH64	27.57	17.88
11n (HT40)	CH54	65.02	36.36
11n (HT40)	CH62	63.13	36.43
11ac (VHT20)	CH52	30.51	17.79
11ac (VHT20)	CH60	27.92	17.83
11ac (VHT20)	CH64	29.55	17.86
11ac (VHT40)	CH54	52.01	36.25
11ac (VHT40)	CH62	58.04	36.23
11ac (VHT80)	CH58	129.99	75.72

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	24.85	16.66
11a	CH116	23.69	16.63
11a	CH140	19.99	16.72
11n (HT20)	CH100	33.11	17.90
11n (HT20)	CH116	27.63	18.00
11n (HT20)	CH140	31.20	17.89
11n (HT40)	CH102	64.61	36.47
11n (HT40)	CH118	68.20	36.47
11n (HT40)	CH134	64.86	36.41
11ac (VHT20)	CH100	33.17	17.84
11ac (VHT20)	CH116	29.26	17.81
11ac (VHT20)	CH140	30.62	17.87
11ac (VHT40)	CH102	61.25	36.36
11ac (VHT40)	CH118	59.72	36.27
11ac (VHT40)	CH134	63.70	36.28
11ac (VHT80)	CH106	146.57	76.25
11ac (VHT80)	CH122	149.47	76.01

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	25.33	16.59
11a	CH157	26.66	16.73
11a	CH165	29.37	16.75
11n (HT20)	CH149	30.31	17.89
11n (HT20)	CH157	30.98	17.97
11n (HT20)	CH165	30.69	17.91
11n (HT40)	CH151	64.55	36.40
11n (HT40)	CH159	65.89	36.42
11ac (VHT20)	CH149	31.77	17.94
11ac (VHT20)	CH157	31.62	17.92
11ac (VHT20)	CH165	32.17	17.88
11ac (VHT40)	CH151	55.64	36.27
11ac (VHT40)	CH159	61.61	36.33
11ac (VHT80)	CH155	142.65	75.95

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2461152-604 Data Part 2.pdf”.

Test Data

Main Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.30	500.00	Pass
11a	CH157	15.20	500.00	Pass
11a	CH165	15.30	500.00	Pass
11n (HT20)	CH149	15.20	500.00	Pass
11n (HT20)	CH157	15.30	500.00	Pass
11n (HT20)	CH165	15.30	500.00	Pass
11n (HT40)	CH151	35.30	500.00	Pass
11n (HT40)	CH159	35.30	500.00	Pass
11ac (VHT20)	CH149	15.30	500.00	Pass
11ac (VHT20)	CH157	14.20	500.00	Pass
11ac (VHT20)	CH165	15.30	500.00	Pass
11ac (VHT40)	CH151	35.30	500.00	Pass
11ac (VHT40)	CH159	35.30	500.00	Pass
11ac (VHT80)	CH155	75.30	500.00	Pass

Aux. Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.30	500.00	Pass
11a	CH157	15.20	500.00	Pass
11a	CH165	15.30	500.00	Pass
11n (HT20)	CH149	15.20	500.00	Pass
11n (HT20)	CH157	15.30	500.00	Pass
11n (HT20)	CH165	15.30	500.00	Pass
11n (HT40)	CH151	35.30	500.00	Pass
11n (HT40)	CH159	35.30	500.00	Pass
11ac (VHT20)	CH149	15.30	500.00	Pass
11ac (VHT20)	CH157	14.20	500.00	Pass
11ac (VHT20)	CH165	15.30	500.00	Pass
11ac (VHT40)	CH151	35.30	500.00	Pass
11ac (VHT40)	CH159	35.30	500.00	Pass
11ac (VHT80)	CH155	75.30	500.00	Pass

A.4 Power Spectral Density

Note¹: Test plots please refer to the document “Annex No.: BL-SZ2461152-604 Data Part 3.pdf”.

Note²: For FCC standard, if transmitting antennas of directional gain greater than 6 dBi are used, all band of the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. For IC standard, if transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density of U-NII-3 (5725 - 5850 MHz) shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test Data

Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.97	11.00	Pass
11a	CH44	2.83	11.00	Pass
11a	CH48	3.06	11.00	Pass
11n (HT20)	CH36	3.96	11.00	Pass
11n (HT20)	CH44	4.01	11.00	Pass
11n (HT20)	CH48	4.27	11.00	Pass
11n (HT40)	CH38	1.41	11.00	Pass
11n (HT40)	CH46	1.74	11.00	Pass
11ac (VHT20)	CH36	4.50	11.00	Pass
11ac (VHT20)	CH44	4.53	11.00	Pass
11ac (VHT20)	CH48	4.73	11.00	Pass
11ac (VHT40)	CH38	0.89	11.00	Pass
11ac (VHT40)	CH46	1.12	11.00	Pass
11ac (VHT80)	CH42	-2.29	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	3.25	11.00	Pass
11a	CH60	3.17	11.00	Pass
11a	CH64	3.13	11.00	Pass
11n (HT20)	CH52	4.89	11.00	Pass
11n (HT20)	CH60	4.73	11.00	Pass
11n (HT20)	CH64	4.64	11.00	Pass
11n (HT40)	CH54	1.73	11.00	Pass
11n (HT40)	CH62	1.65	11.00	Pass
11ac (VHT20)	CH52	4.91	11.00	Pass
11ac (VHT20)	CH60	4.82	11.00	Pass
11ac (VHT20)	CH64	4.62	11.00	Pass
11ac (VHT40)	CH54	1.40	11.00	Pass
11ac (VHT40)	CH62	-3.27	11.00	Pass
11ac (VHT80)	CH58	-6.16	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	3.27	11.00	Pass
11a	CH116	3.37	11.00	Pass
11a	CH140	3.56	11.00	Pass
11n (HT20)	CH100	4.68	11.00	Pass
11n (HT20)	CH116	4.54	11.00	Pass
11n (HT20)	CH140	4.85	11.00	Pass
11n (HT40)	CH102	1.49	11.00	Pass
11n (HT40)	CH118	1.26	11.00	Pass
11n (HT40)	CH134	1.38	11.00	Pass
11ac (VHT20)	CH100	4.62	11.00	Pass
11ac (VHT20)	CH116	4.51	11.00	Pass
11ac (VHT20)	CH140	4.86	11.00	Pass
11ac (VHT40)	CH102	1.16	11.00	Pass
11ac (VHT40)	CH118	1.13	11.00	Pass
11ac (VHT40)	CH134	1.05	11.00	Pass
11ac (VHT80)	CH106	-2.55	11.00	Pass
11ac (VHT80)	CH122	-2.50	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
AMode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	1.07	30.00	Pass
11a	CH157	0.90	30.00	Pass
11a	CH165	0.64	30.00	Pass
11n (HT20)	CH149	2.06	30.00	Pass
11n (HT20)	CH157	1.96	30.00	Pass
11n (HT20)	CH165	1.90	30.00	Pass
11n (HT40)	CH151	-1.51	30.00	Pass
11n (HT40)	CH159	-1.33	30.00	Pass
11ac (VHT20)	CH149	2.15	30.00	Pass
11ac (VHT20)	CH157	2.00	30.00	Pass
11ac (VHT20)	CH165	1.82	30.00	Pass
11ac (VHT40)	CH151	-1.53	30.00	Pass
11ac (VHT40)	CH159	-1.63	30.00	Pass
11ac (VHT80)	CH155	-5.10	30.00	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	4.22	11.00	Pass
11a	CH44	4.27	11.00	Pass
11a	CH48	4.36	11.00	Pass
11n (HT20)	CH36	5.45	11.00	Pass
11n (HT20)	CH44	5.59	11.00	Pass
11n (HT20)	CH48	5.73	11.00	Pass
11n (HT40)	CH38	2.37	11.00	Pass
11n (HT40)	CH46	2.67	11.00	Pass
11ac (VHT20)	CH36	5.37	11.00	Pass
11ac (VHT20)	CH44	5.76	11.00	Pass
11ac (VHT20)	CH48	6.25	11.00	Pass
11ac (VHT40)	CH38	-2.87	11.00	Pass
11ac (VHT40)	CH46	2.33	11.00	Pass
11ac (VHT80)	CH42	-6.65	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	4.51	11.00	Pass
11a	CH60	4.10	11.00	Pass
11a	CH64	3.78	11.00	Pass
11n (HT20)	CH52	5.65	11.00	Pass
11n (HT20)	CH60	5.44	11.00	Pass
11n (HT20)	CH64	5.25	11.00	Pass
11n (HT40)	CH54	2.71	11.00	Pass
11n (HT40)	CH62	2.41	11.00	Pass
11ac (VHT20)	CH52	5.80	11.00	Pass
11ac (VHT20)	CH60	5.58	11.00	Pass
11ac (VHT20)	CH64	5.20	11.00	Pass
11ac (VHT40)	CH54	2.32	11.00	Pass
11ac (VHT40)	CH62	-3.23	11.00	Pass
11ac (VHT80)	CH58	-6.96	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.78	11.00	Pass
11a	CH116	2.58	11.00	Pass
11a	CH140	2.67	11.00	Pass
11n (HT20)	CH100	4.41	11.00	Pass
11n (HT20)	CH116	4.02	11.00	Pass
11n (HT20)	CH140	3.86	11.00	Pass
11n (HT40)	CH102	1.41	11.00	Pass
11n (HT40)	CH118	1.61	11.00	Pass
11n (HT40)	CH134	1.84	11.00	Pass
11ac (VHT20)	CH100	-1.16	11.00	Pass
11ac (VHT20)	CH116	2.32	11.00	Pass
11ac (VHT20)	CH140	-4.77	11.00	Pass
11ac (VHT40)	CH102	-5.94	11.00	Pass
11ac (VHT40)	CH118	-1.21	11.00	Pass
11ac (VHT40)	CH134	-1.84	11.00	Pass
11ac (VHT80)	CH106	-10.11	11.00	Pass
11ac (VHT80)	CH122	-4.47	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	0.17	30.00	Pass
11a	CH157	0.74	30.00	Pass
11a	CH165	1.03	30.00	Pass
11n (HT20)	CH149	1.42	30.00	Pass
11n (HT20)	CH157	1.79	30.00	Pass
11n (HT20)	CH165	1.99	30.00	Pass
11n (HT40)	CH151	-1.84	30.00	Pass
11n (HT40)	CH159	-1.41	30.00	Pass
11ac (VHT20)	CH149	1.38	30.00	Pass
11ac (VHT20)	CH157	1.56	30.00	Pass
11ac (VHT20)	CH165	1.75	30.00	Pass
11ac (VHT40)	CH151	-2.37	30.00	Pass
11ac (VHT40)	CH159	-2.19	30.00	Pass
11ac (VHT80)	CH155	-5.61	30.00	Pass

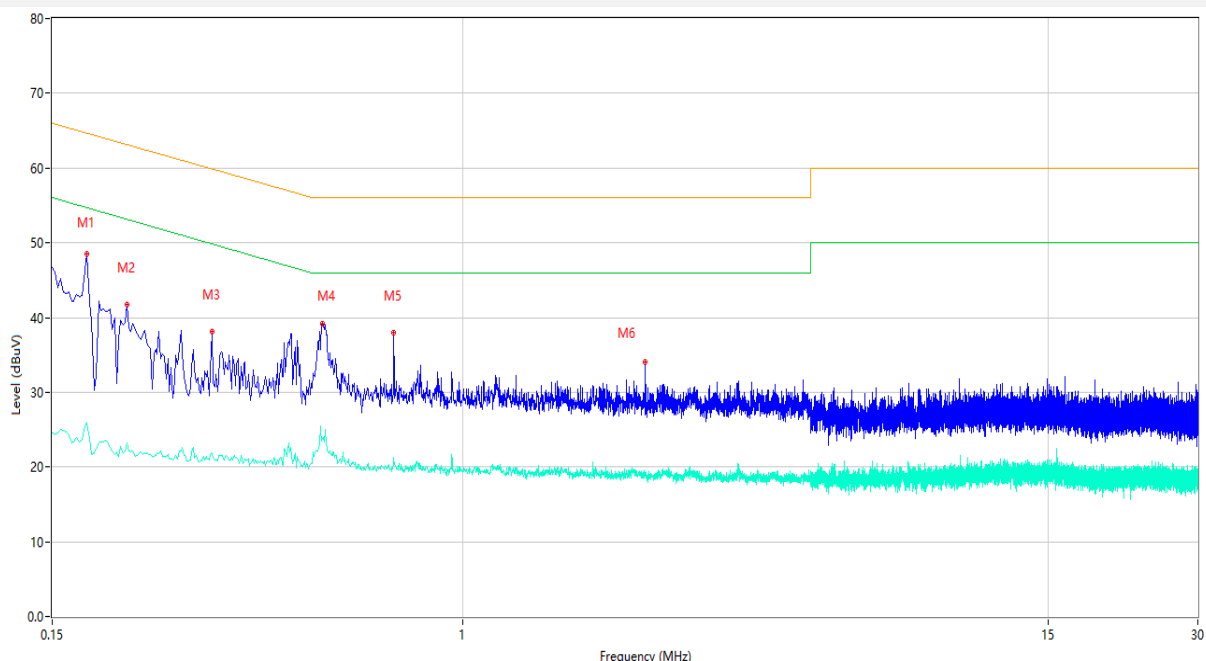
A.5 Conducted Emissions

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

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

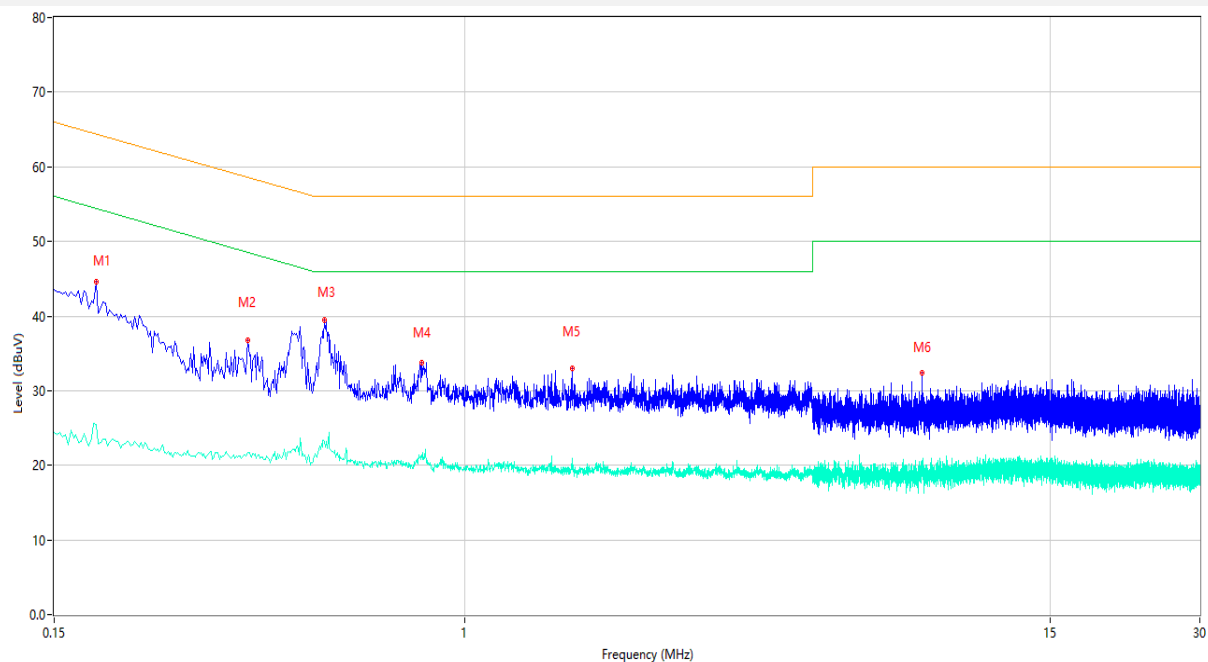
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.176	48.48	9.75	64.67	16.19	Peak	L	Pass
1**	0.176	25.91	9.75	54.67	28.76	AV	L	Pass
2	0.212	41.71	9.74	63.13	21.42	Peak	L	Pass
2**	0.212	23.18	9.74	53.13	29.95	AV	L	Pass
3	0.314	38.10	9.74	59.86	21.76	Peak	L	Pass
3**	0.314	21.83	9.74	49.86	28.03	AV	L	Pass
4	0.524	39.14	9.74	56.00	16.86	Peak	L	Pass
4**	0.524	23.82	9.74	46.00	22.18	AV	L	Pass
5	0.728	38.00	9.72	56.00	18.00	Peak	L	Pass
5**	0.728	21.29	9.72	46.00	24.71	AV	L	Pass
6	2.332	33.98	9.68	56.00	22.02	Peak	L	Pass
6**	2.332	18.87	9.68	46.00	27.13	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.182	44.52	9.73	64.39	19.87	Peak	N	Pass
1**	0.182	25.44	9.73	54.39	28.95	AV	N	Pass
2	0.368	36.82	9.78	58.55	21.73	Peak	N	Pass
2**	0.368	21.75	9.78	48.55	26.80	AV	N	Pass
3	0.524	39.48	9.81	56.00	16.52	Peak	N	Pass
3**	0.524	23.23	9.81	46.00	22.77	AV	N	Pass
4	0.822	33.80	9.87	56.00	22.20	Peak	N	Pass
4**	0.822	21.15	9.87	46.00	24.85	AV	N	Pass
5	1.644	32.94	9.86	56.00	23.06	Peak	N	Pass
5**	1.644	20.89	9.86	46.00	25.11	AV	N	Pass
6	8.292	32.46	9.78	60.00	27.54	Peak	N	Pass
6**	8.292	20.25	9.78	50.00	29.75	AV	N	Pass

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

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

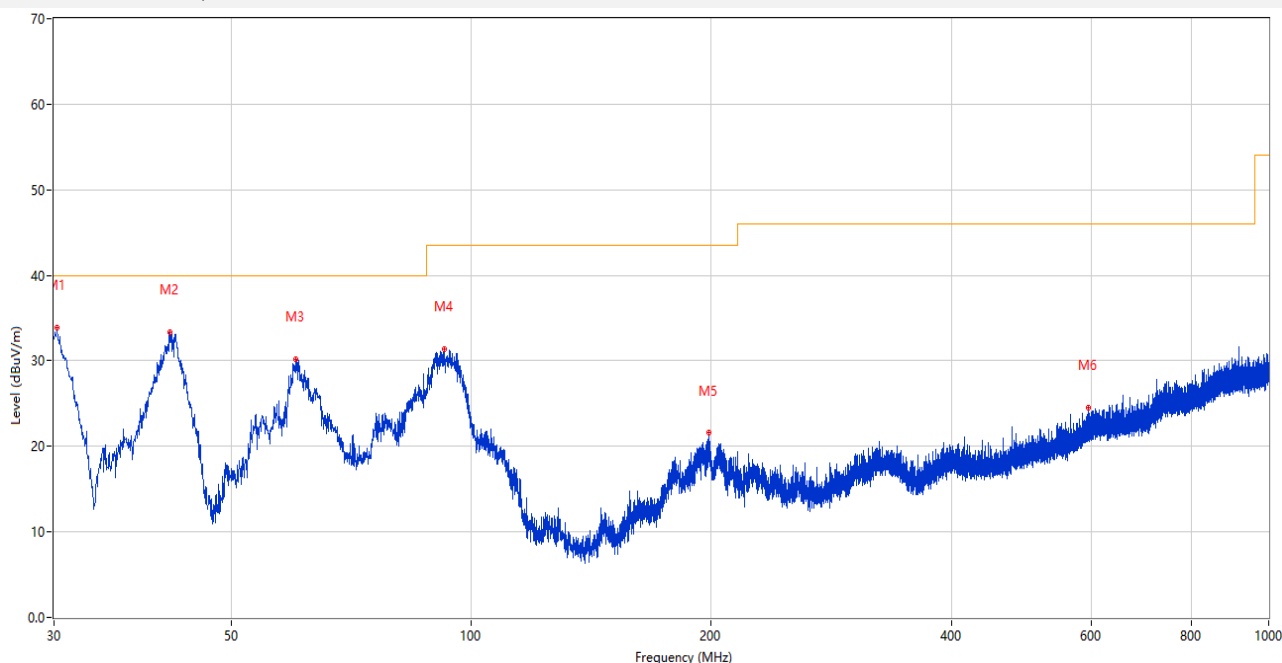
Note²: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

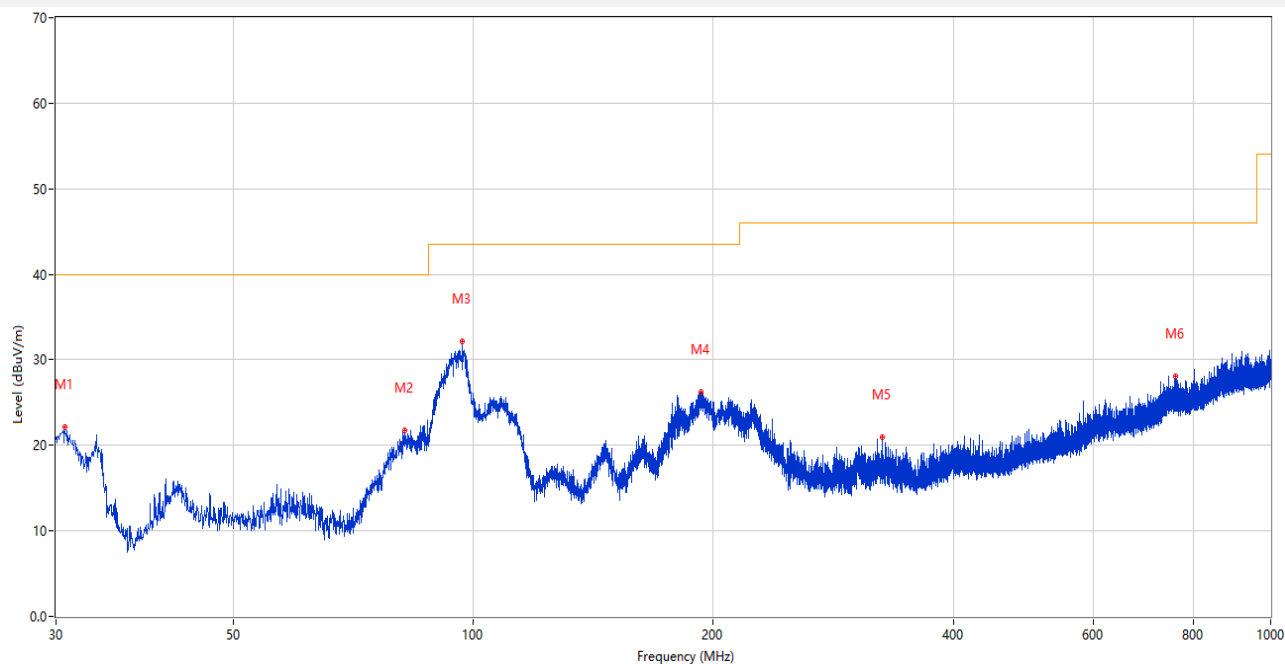
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.291	33.94	-28.94	40.0	6.06	Peak	258.00	200	Vertical	Pass
2	41.883	33.41	-25.35	40.0	6.59	Peak	300.00	100	Vertical	Pass
3	60.312	30.19	-26.10	40.0	9.81	Peak	359.00	100	Vertical	Pass
4	92.614	31.43	-27.29	43.5	12.07	Peak	324.00	100	Vertical	Pass
5	198.780	21.56	-25.69	43.5	21.94	Peak	85.00	200	Vertical	Pass
6	595.025	24.46	-15.10	46.0	21.54	Peak	225.00	200	Vertical	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.776	22.21	-29.05	40.0	17.79	Peak	17.00	100	Horizontal	Pass
2	82.089	21.69	-30.58	40.0	18.31	Peak	172.00	200	Horizontal	Pass
3	96.930	32.18	-26.37	43.5	11.32	Peak	17.00	100	Horizontal	Pass
4	193.251	26.28	-25.80	43.5	17.22	Peak	264.00	200	Horizontal	Pass
5	326.286	21.01	-22.53	46.0	24.99	Peak	270.00	100	Horizontal	Pass
6	760.458	28.07	-12.01	46.0	17.93	Peak	190.00	100	Horizontal	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.

Main Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1122.250	38.61	-15.77	74.0	35.39	Peak	0.00	150	Horizontal	Pass
1**	1122.250	27.45	-15.77	54.0	26.55	AV	0.00	150	Horizontal	Pass
2	1587.000	39.78	-15.57	74.0	34.22	Peak	0.00	150	Horizontal	Pass
2**	1587.000	28.49	-15.57	54.0	25.51	AV	0.00	150	Horizontal	Pass
3	4050.500	47.77	-3.08	74.0	26.23	Peak	278.00	150	Horizontal	Pass
3**	4050.500	37.60	-3.08	54.0	16.40	AV	278.00	150	Horizontal	Pass
4	5218.000	103.88	-0.92	--	107.12	Peak	211.00	150	Horizontal	N/A
4**	5218.000	96.14	-0.92	--	-96.14	AV	211.00	150	Horizontal	N/A
5	12323.925	50.67	-0.56	74.0	23.33	Peak	360.00	150	Horizontal	Pass
5**	12323.925	39.82	-0.56	54.0	14.18	AV	360.00	150	Horizontal	Pass
6	15769.538	52.19	1.07	74.0	21.81	Peak	0.00	150	Horizontal	Pass
6**	15769.538	42.14	1.07	54.0	11.86	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.750	38.78	-15.30	74.0	35.22	Peak	33.00	150	Vertical	Pass
1**	1200.750	28.15	-15.30	54.0	25.85	AV	33.00	150	Vertical	Pass
2	1600.500	39.56	-15.25	74.0	34.44	Peak	80.00	150	Vertical	Pass
2**	1600.500	28.67	-15.25	54.0	25.33	AV	80.00	150	Vertical	Pass
3	4034.500	48.30	-3.10	74.0	25.70	Peak	192.00	150	Vertical	Pass
3**	4034.500	36.86	-3.10	54.0	17.14	AV	192.00	150	Vertical	Pass
4	5218.500	103.37	-0.91	--	-51.37	Peak	52.00	150	Vertical	N/A
4**	5218.500	95.26	-0.91	--	-95.26	AV	52.00	150	Vertical	N/A
5	11902.838	50.93	-0.80	74.0	23.07	Peak	268.00	150	Vertical	Pass
5**	11902.838	40.45	-0.80	54.0	13.55	AV	268.00	150	Vertical	Pass
6	15692.625	51.86	0.80	74.0	22.14	Peak	69.00	150	Vertical	Pass
6**	15692.625	40.77	0.80	54.0	13.23	AV	69.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.000	39.02	-15.46	74.0	34.98	Peak	200.00	150	Horizontal	Pass
1**	1161.000	27.94	-15.46	54.0	26.06	AV	200.00	150	Horizontal	Pass
2	1590.000	39.97	-15.47	74.0	34.03	Peak	24.00	150	Horizontal	Pass
2**	1590.000	28.29	-15.47	54.0	25.71	AV	24.00	150	Horizontal	Pass
3	4003.000	47.57	-4.02	74.0	26.43	Peak	142.00	150	Horizontal	Pass
3**	4003.000	36.92	-4.02	54.0	17.08	AV	142.00	150	Horizontal	Pass
4	5221.500	104.15	-0.84	--	18.85	Peak	123.00	150	Horizontal	N/A
4**	5221.500	96.20	-0.84	--	-96.20	AV	123.00	150	Horizontal	N/A
5	11869.350	50.51	-0.66	74.0	23.49	Peak	194.00	150	Horizontal	Pass
5**	11869.350	40.03	-0.66	54.0	13.97	AV	194.00	150	Horizontal	Pass
6	15947.513	52.91	1.56	74.0	21.09	Peak	102.00	150	Horizontal	Pass
6**	15947.513	42.39	1.56	54.0	11.61	AV	102.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.000	39.27	-15.31	74.0	34.73	Peak	327.00	150	Vertical	Pass
1**	1200.000	28.38	-15.31	54.0	25.62	AV	327.00	150	Vertical	Pass
2	1589.250	39.69	-15.53	74.0	34.31	Peak	25.00	150	Vertical	Pass
2**	1589.250	28.21	-15.53	54.0	25.79	AV	25.00	150	Vertical	Pass
3	4092.000	47.82	-3.74	74.0	26.18	Peak	248.00	150	Vertical	Pass
3**	4092.000	36.86	-3.74	54.0	17.14	AV	248.00	150	Vertical	Pass
4	5221.500	103.07	-0.84	--	-54.07	Peak	49.00	150	Vertical	N/A
4**	5221.500	95.92	-0.84	--	-95.92	AV	49.00	150	Vertical	N/A
5	11897.138	50.63	-0.91	74.0	23.37	Peak	316.00	150	Vertical	Pass
5**	11897.138	39.99	-0.91	54.0	14.01	AV	316.00	150	Vertical	Pass
6	15609.413	51.87	0.92	74.0	22.13	Peak	0.00	150	Vertical	Pass
6**	15609.413	41.76	0.92	54.0	12.24	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1201.750	39.07	-15.28	74.0	34.93	Peak	230.00	150	Horizontal	Pass
1**	1201.750	28.15	-15.28	54.0	25.85	AV	230.00	150	Horizontal	Pass
2	1596.750	39.42	-15.29	74.0	34.58	Peak	295.00	150	Horizontal	Pass
2**	1596.750	28.77	-15.29	54.0	25.23	AV	295.00	150	Horizontal	Pass
3	4122.000	48.42	-3.34	74.0	25.58	Peak	231.00	150	Horizontal	Pass
3**	4122.000	37.38	-3.34	54.0	16.62	AV	231.00	150	Horizontal	Pass
4	5187.500	101.18	-1.00	--	101.82	Peak	203.00	150	Horizontal	N/A
4**	5187.500	93.59	-1.00	--	-93.59	AV	203.00	150	Horizontal	N/A
5	11891.438	50.72	-0.92	74.0	23.28	Peak	6.00	150	Horizontal	Pass
5**	11891.438	40.92	-0.92	54.0	13.08	AV	6.00	150	Horizontal	Pass
6	15760.874	51.75	1.02	74.0	22.25	Peak	105.00	150	Horizontal	Pass
6**	15760.874	41.56	1.02	54.0	12.44	AV	105.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.000	38.38	-15.56	74.0	35.62	Peak	16.00	150	Vertical	Pass
1**	1061.000	27.53	-15.56	54.0	26.47	AV	16.00	150	Vertical	Pass
2	1571.250	39.71	-15.27	74.0	34.29	Peak	0.00	150	Vertical	Pass
2**	1571.250	28.36	-15.27	54.0	25.64	AV	0.00	150	Vertical	Pass
3	4324.500	48.45	-2.86	74.0	25.55	Peak	360.00	150	Vertical	Pass
3**	4324.500	37.41	-2.86	54.0	16.59	AV	360.00	150	Vertical	Pass
4	5194.000	100.35	-1.09	--	-60.35	Peak	40.00	150	Vertical	N/A
4**	5194.000	91.93	-1.09	--	-91.93	AV	40.00	150	Vertical	N/A
5	11161.125	50.81	-1.16	74.0	23.19	Peak	219.00	150	Vertical	Pass
5**	11161.125	40.39	-1.16	54.0	13.61	AV	219.00	150	Vertical	Pass
6	15624.112	51.93	1.52	74.0	22.07	Peak	173.00	150	Vertical	Pass
6**	15624.112	42.29	1.52	54.0	11.71	AV	173.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1170.000	39.22	-15.49	74.0	34.78	Peak	358.00	150	Horizontal	Pass
1**	1170.000	27.98	-15.49	54.0	26.02	AV	358.00	150	Horizontal	Pass
2	1504.000	40.09	-15.26	74.0	33.91	Peak	358.00	150	Horizontal	Pass
2**	1504.000	28.82	-15.26	54.0	25.18	AV	358.00	150	Horizontal	Pass
3	4239.500	48.23	-2.47	74.0	25.77	Peak	71.00	150	Horizontal	Pass
3**	4239.500	37.47	-2.47	54.0	16.53	AV	71.00	150	Horizontal	Pass
4	5223.000	98.00	-0.82	--	104.00	Peak	202.00	150	Horizontal	N/A
4**	5223.000	88.92	-0.82	--	-88.92	AV	202.00	150	Horizontal	N/A
5	11301.488	50.44	-1.44	74.0	23.56	Peak	359.00	150	Horizontal	Pass
5**	11301.488	40.06	-1.44	54.0	13.94	AV	359.00	150	Horizontal	Pass
6	15935.963	52.17	1.53	74.0	21.83	Peak	360.00	150	Horizontal	Pass
6**	15935.963	42.00	1.53	54.0	12.00	AV	360.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1097.500	39.10	-15.67	74.0	34.90	Peak	144.00	150	Vertical	Pass
1**	1097.500	27.53	-15.67	54.0	26.47	AV	144.00	150	Vertical	Pass
2	1573.500	39.53	-15.37	74.0	34.47	Peak	188.00	150	Vertical	Pass
2**	1573.500	28.34	-15.37	54.0	25.66	AV	188.00	150	Vertical	Pass
3	4212.500	48.15	-2.42	74.0	25.85	Peak	8.00	150	Vertical	Pass
3**	4212.500	37.66	-2.42	54.0	16.34	AV	8.00	150	Vertical	Pass
4	5206.000	97.46	-0.87	--	-56.46	Peak	41.00	150	Vertical	N/A
4**	5206.000	89.64	-0.87	--	-89.64	AV	41.00	150	Vertical	N/A
5	11237.363	49.86	-1.56	74.0	24.14	Peak	221.00	150	Vertical	Pass
5**	11237.363	39.30	-1.56	54.0	14.70	AV	221.00	150	Vertical	Pass
6	15436.687	52.21	1.54	74.0	21.79	Peak	0.00	150	Vertical	Pass
6**	15436.687	41.19	1.54	54.0	12.81	AV	0.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1193.500	38.93	-15.24	74.0	35.07	Peak	202.00	150	Horizontal	Pass
1**	1193.500	27.77	-15.24	54.0	26.23	AV	202.00	150	Horizontal	Pass
2	1547.000	39.32	-15.45	74.0	34.68	Peak	107.00	150	Horizontal	Pass
2**	1547.000	28.28	-15.45	54.0	25.72	AV	107.00	150	Horizontal	Pass
3	2340.500	44.07	-10.53	74.0	29.93	Peak	52.00	150	Horizontal	Pass
3**	2340.500	32.16	-10.53	54.0	21.84	AV	52.00	150	Horizontal	Pass
4	5303.000	103.35	-0.57	--	19.65	Peak	123.00	150	Horizontal	N/A
4**	5303.000	95.53	-0.57	--	-95.53	AV	123.00	150	Horizontal	N/A
5	12096.400	50.36	-1.29	74.0	23.64	Peak	6.00	150	Horizontal	Pass
5**	12096.400	39.60	-1.29	54.0	14.40	AV	6.00	150	Horizontal	Pass
6	15701.287	51.50	1.01	74.0	22.50	Peak	345.00	150	Horizontal	Pass
6**	15701.287	41.57	1.01	54.0	12.43	AV	345.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1203.500	39.20	-15.32	74.0	34.80	Peak	9.00	150	Vertical	Pass
1**	1203.500	27.92	-15.32	54.0	26.08	AV	9.00	150	Vertical	Pass
2	1523.000	39.76	-15.40	74.0	34.24	Peak	5.00	150	Vertical	Pass
2**	1523.000	28.53	-15.40	54.0	25.47	AV	5.00	150	Vertical	Pass
3	4051.000	48.11	-3.05	74.0	25.89	Peak	114.00	150	Vertical	Pass
3**	4051.000	37.32	-3.05	54.0	16.68	AV	114.00	150	Vertical	Pass
4	5298.500	103.50	-0.53	--	70.50	Peak	174.00	150	Vertical	N/A
4**	5298.500	95.50	-0.53	--	-95.50	AV	174.00	150	Vertical	N/A
5	11371.550	50.54	-1.49	74.0	23.46	Peak	245.00	150	Vertical	Pass
5**	11371.550	39.30	-1.49	54.0	14.70	AV	245.00	150	Vertical	Pass
6	15976.912	52.94	1.11	74.0	21.06	Peak	204.00	150	Vertical	Pass
6**	15976.912	41.74	1.11	54.0	12.26	AV	204.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1212.750	38.78	-15.60	74.0	35.22	Peak	99.00	150	Horizontal	Pass
1**	1212.750	27.80	-15.60	54.0	26.20	AV	99.00	150	Horizontal	Pass
2	1358.500	39.93	-15.35	74.0	34.07	Peak	330.00	150	Horizontal	Pass
2**	1358.500	28.13	-15.35	54.0	25.87	AV	330.00	150	Horizontal	Pass
3	3877.000	48.48	-3.84	74.0	25.52	Peak	340.00	150	Horizontal	Pass
3**	3877.000	36.07	-3.84	54.0	17.93	AV	340.00	150	Horizontal	Pass
4	5302.500	105.00	-0.58	--	15.00	Peak	120.00	150	Horizontal	N/A
4**	5302.500	97.46	-0.58	--	-97.46	AV	120.00	150	Horizontal	N/A
5	11870.300	51.30	-0.70	74.0	22.70	Peak	125.00	150	Horizontal	Pass
5**	11870.300	40.12	-0.70	54.0	13.88	AV	125.00	150	Horizontal	Pass
6	15441.412	53.10	1.22	74.0	20.90	Peak	345.00	150	Horizontal	Pass
6**	15441.412	41.37	1.22	54.0	12.63	AV	345.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1144.250	38.30	-15.39	74.0	35.70	Peak	84.00	150	Vertical	Pass
1**	1144.250		-15.39	54.0	25.97	AV	84.00	150	Vertical	Pass
2	1570.250	39.26	-15.25	74.0	34.74	Peak	98.00	150	Vertical	Pass
2**	1570.250	29.02	-15.25	54.0	24.98	AV	98.00	150	Vertical	Pass
3	4960.500	51.39	-0.79	74.0	22.61	Peak	151.00	150	Vertical	Pass
3**	4960.500	40.49	-0.79	54.0	13.51	AV	151.00	150	Vertical	Pass
4	5298.500	105.35	-0.53	--	67.65	Peak	173.00	150	Vertical	N/A
4**	5298.500	97.27	-0.53	--	-97.27	AV	173.00	150	Vertical	N/A
5	11124.787	50.63	-1.42	74.0	23.37	Peak	101.00	150	Vertical	Pass
5**	11124.787	40.16	-1.42	54.0	13.84	AV	101.00	150	Vertical	Pass
6	15718.875	51.65	1.31	74.0	22.35	Peak	0.00	150	Vertical	Pass
6**	15718.875	41.93	1.31	54.0	12.07	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1091.500	39.01	-15.77	74.0	34.99	Peak	329.00	150	Horizontal	Pass
1**	1091.500	26.96	-15.77	54.0	27.04	AV	329.00	150	Horizontal	Pass
2	1394.750	39.56	-15.45	74.0	34.44	Peak	160.00	150	Horizontal	Pass
2**	1394.750	28.38	-15.45	54.0	25.62	AV	160.00	150	Horizontal	Pass
3	4937.500	51.24	-0.65	74.0	22.76	Peak	360.00	150	Horizontal	Pass
3**	4937.500	40.36	-0.65	54.0	13.64	AV	360.00	150	Horizontal	Pass
4	5268.000	101.61	-0.84	--	19.39	Peak	121.00	150	Horizontal	N/A
4**	5268.000	93.32	-0.84	--	-93.32	AV	121.00	150	Horizontal	N/A
5	12501.576	51.12	-0.10	74.0	22.88	Peak	169.00	150	Horizontal	Pass
5**	12501.576	40.69	-0.10	54.0	13.31	AV	169.00	150	Horizontal	Pass
6	15937.537	51.71	1.54	74.0	22.29	Peak	313.00	150	Horizontal	Pass
6**	15937.537	42.00	1.54	54.0	12.00	AV	313.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1212.250	39.56	-15.59	74.0	34.44	Peak	0.00	150	Vertical	Pass
1**	1212.250	28.05	-15.59	54.0	25.95	AV	0.00	150	Vertical	Pass
2	1593.250	39.87	-15.37	74.0	34.13	Peak	0.00	150	Vertical	Pass
2**	1593.250	28.47	-15.37	54.0	25.53	AV	0.00	150	Vertical	Pass
3	4723.000	50.76	-1.76	74.0	23.24	Peak	180.00	150	Vertical	Pass
3**	4723.000	39.02	-1.76	54.0	14.98	AV	180.00	150	Vertical	Pass
4	5272.000	100.73	-0.84	--	-48.73	Peak	52.00	150	Vertical	N/A
4**	5272.000	92.81	-0.84	--	-92.81	AV	52.00	150	Vertical	N/A
5	11312.888	50.82	-1.38	74.0	23.18	Peak	335.00	150	Vertical	Pass
5**	11312.888	39.13	-1.38	54.0	14.87	AV	335.00	150	Vertical	Pass
6	15995.550	52.44	0.89	74.0	21.56	Peak	360.00	150	Vertical	Pass
6**	15995.550	40.88	0.89	54.0	13.12	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1107.500	38.78	-15.68	74.0	35.22	Peak	155.00	150	Horizontal	Pass
1**	1107.500	27.50	-15.68	54.0	26.50	AV	155.00	150	Horizontal	Pass
2	1491.500	39.86	-15.53	74.0	34.14	Peak	0.00	150	Horizontal	Pass
2**	1491.500	28.31	-15.53	54.0	25.69	AV	0.00	150	Horizontal	Pass
3	4714.000	50.50	-2.02	74.0	23.50	Peak	72.00	150	Horizontal	Pass
3**	4714.000	39.15	-2.02	54.0	14.85	AV	72.00	150	Horizontal	Pass
4	5296.000	98.60	-0.52	--	32.40	Peak	131.00	150	Horizontal	N/A
4**	5296.000	90.66	-0.52	--	-90.66	AV	131.00	150	Horizontal	N/A
5	11391.974	49.93	-1.39	74.0	24.07	Peak	0.00	150	Horizontal	Pass
5**	11391.974	38.57	-1.39	54.0	15.43	AV	0.00	150	Horizontal	Pass
6	16057.500	52.33	1.86	74.0	21.67	Peak	208.00	150	Horizontal	Pass
6**	16057.500	41.80	1.86	54.0	12.20	AV	208.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.750	39.61	-15.49	74.0	34.39	Peak	59.00	150	Vertical	Pass
1**	1162.750	28.27	-15.49	54.0	25.73	AV	59.00	150	Vertical	Pass
2	1606.000	40.03	-15.22	74.0	33.97	Peak	306.00	150	Vertical	Pass
2**	1606.000	28.84	-15.22	54.0	25.16	AV	306.00	150	Vertical	Pass
3	4368.500	49.04	-2.60	74.0	24.96	Peak	339.00	150	Vertical	Pass
3**	4368.500	37.32	-2.60	54.0	16.68	AV	339.00	150	Vertical	Pass
4	5296.500	98.14	-0.50	--	-41.14	Peak	57.00	150	Vertical	N/A
4**	5296.500	89.67	-0.50	--	-89.67	AV	57.00	150	Vertical	N/A
5	11845.599	50.97	-1.28	74.0	23.03	Peak	241.00	150	Vertical	Pass
5**	11845.599	39.65	-1.28	54.0	14.35	AV	241.00	150	Vertical	Pass
6	15937.800	52.27	1.53	74.0	21.73	Peak	241.00	150	Vertical	Pass
6**	15937.800	41.98	1.53	54.0	12.02	AV	241.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1191.000	39.17	-15.24	74.0	34.83	Peak	198.00	150	Horizontal	Pass
1**	1191.000	28.12	-15.24	54.0	25.88	AV	198.00	150	Horizontal	Pass
2	1511.250	39.88	-15.23	74.0	34.12	Peak	0.00	150	Horizontal	Pass
2**	1511.250	28.52	-15.23	54.0	25.48	AV	0.00	150	Horizontal	Pass
3	4331.000	48.71	-2.60	74.0	25.29	Peak	309.00	150	Horizontal	Pass
3**	4331.000	37.77	-2.60	54.0	16.23	AV	309.00	150	Horizontal	Pass
4	5581.500	102.14	-0.71	--	28.86	Peak	131.00	150	Horizontal	N/A
4**	5581.500	94.58	-0.71	--	-94.58	AV	131.00	150	Horizontal	N/A
5	11241.875	50.85	-1.36	74.0	23.15	Peak	76.00	150	Horizontal	Pass
5**	11241.875	40.11	-1.36	54.0	13.89	AV	76.00	150	Horizontal	Pass
6	15760.349	52.03	0.99	74.0	21.97	Peak	33.00	150	Horizontal	Pass
6**	15760.349	41.72	0.99	54.0	12.28	AV	33.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1201.750	38.79	-15.28	74.0	35.21	Peak	190.00	150	Vertical	Pass
1**	1201.750	28.28	-15.28	54.0	25.72	AV	190.00	150	Vertical	Pass
2	1554.750	40.54	-15.35	74.0	33.46	Peak	234.00	150	Vertical	Pass
2**	1554.750	28.40	-15.35	54.0	25.60	AV	234.00	150	Vertical	Pass
3	4807.000	51.10	-1.39	74.0	22.90	Peak	360.00	150	Vertical	Pass
3**	4807.000	39.12	-1.39	54.0	14.88	AV	360.00	150	Vertical	Pass
4	5578.000	101.31	-0.75	--	-38.31	Peak	63.00	150	Vertical	N/A
4**	5578.000	92.79	-0.75	--	-92.79	AV	63.00	150	Vertical	N/A
5	11240.925	50.29	-1.52	74.0	23.71	Peak	6.00	150	Vertical	Pass
5**	11240.925	39.40	-1.52	54.0	14.60	AV	6.00	150	Vertical	Pass
6	15445.613	52.43	1.44	74.0	21.57	Peak	105.00	150	Vertical	Pass
6**	15445.613	42.36	1.44	54.0	11.64	AV	105.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1115.750	38.84	-15.83	74.0	35.16	Peak	348.00	150	Horizontal	Pass
1**	1115.750	27.66	-15.83	54.0	26.34	AV	348.00	150	Horizontal	Pass
2	1583.750	39.64	-15.58	74.0	34.36	Peak	346.00	150	Horizontal	Pass
2**	1583.750	28.31	-15.58	54.0	25.69	AV	346.00	150	Horizontal	Pass
3	4978.500	50.78	-1.25	74.0	23.22	Peak	142.00	150	Horizontal	Pass
3**	4978.500	39.93	-1.25	54.0	14.07	AV	142.00	150	Horizontal	Pass
4	5581.000	103.17	-0.71	--	28.83	Peak	132.00	150	Horizontal	N/A
4**	5581.000	94.99	-0.71	--	-94.99	AV	132.00	150	Horizontal	N/A
5	12494.687	50.82	0.11	74.0	23.18	Peak	76.00	150	Horizontal	Pass
5**	12494.687	41.07	0.11	54.0	12.93	AV	76.00	150	Horizontal	Pass
6	15712.575	51.87	1.39	74.0	22.13	Peak	310.00	150	Horizontal	Pass
6**	15712.575	41.03	1.39	54.0	12.97	AV	310.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1201.000	39.71	-15.29	74.0	34.29	Peak	339.00	150	Vertical	Pass
1**	1201.000	28.58	-15.29	54.0	25.42	AV	339.00	150	Vertical	Pass
2	1369.500	40.04	-15.57	74.0	33.96	Peak	123.00	150	Vertical	Pass
2**	1369.500	28.48	-15.57	54.0	25.52	AV	123.00	150	Vertical	Pass
3	4176.000	48.65	-3.17	74.0	25.35	Peak	360.00	150	Vertical	Pass
3**	4176.000	37.78	-3.17	54.0	16.22	AV	360.00	150	Vertical	Pass
4	5581.000	100.18	-0.71	--	69.82	Peak	170.00	150	Vertical	N/A
4**	5581.000	92.15	-0.71	--	-92.15	AV	170.00	150	Vertical	N/A
5	12539.099	52.35	-0.35	74.0	21.65	Peak	244.00	150	Vertical	Pass
5**	12539.099	41.16	-0.35	54.0	12.84	AV	244.00	150	Vertical	Pass
6	15899.737	51.92	1.58	74.0	22.08	Peak	241.00	150	Vertical	Pass
6**	15899.737	41.80	1.58	54.0	12.20	AV	241.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1082.250	38.77	-15.65	74.0	35.23	Peak	320.00	150	Horizontal	Pass
1**	1082.250	27.13	-15.65	54.0	26.87	AV	320.00	150	Horizontal	Pass
2	1460.000	39.62	-15.41	74.0	34.38	Peak	147.00	150	Horizontal	Pass
2**	1460.000	28.38	-15.41	54.0	25.62	AV	147.00	150	Horizontal	Pass
3	4939.000	51.19	-0.62	74.0	22.81	Peak	101.00	150	Horizontal	Pass
3**	4939.000	40.47	-0.62	54.0	13.53	AV	101.00	150	Horizontal	Pass
4	5586.500	99.82	-0.59	--	32.18	Peak	132.00	150	Horizontal	N/A
4**	5586.500	91.89	-0.59	--	-91.89	AV	132.00	150	Horizontal	N/A
5	12522.713	51.37	-0.31	74.0	22.63	Peak	6.00	150	Horizontal	Pass
5**	12522.713	40.00	-0.31	54.0	14.00	AV	6.00	150	Horizontal	Pass
6	15898.951	52.11	1.59	74.0	21.89	Peak	137.00	150	Horizontal	Pass
6**	15898.951	41.91	1.59	54.0	12.09	AV	137.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1143.250	39.03	-15.35	74.0	34.97	Peak	350.00	150	Vertical	Pass
1**	1143.250	28.17	-15.35	54.0	25.83	AV	350.00	150	Vertical	Pass
2	1603.500	39.72	-15.25	74.0	34.28	Peak	246.00	150	Vertical	Pass
2**	1603.500	28.56	-15.25	54.0	25.44	AV	246.00	150	Vertical	Pass
3	4912.000	51.12	-1.16	74.0	22.88	Peak	191.00	150	Vertical	Pass
3**	4912.000	40.03	-1.16	54.0	13.97	AV	191.00	150	Vertical	Pass
4	5584.500	100.02	-0.65	--	-20.02	Peak	80.00	150	Vertical	N/A
4**	5584.500	91.70	-0.65	--	-91.70	AV	80.00	150	Vertical	N/A
5	11150.200	50.56	-1.14	74.0	23.44	Peak	197.00	150	Vertical	Pass
5**	11150.200	39.71	-1.14	54.0	14.29	AV	197.00	150	Vertical	Pass
6	15896.325	52.23	1.77	74.0	21.77	Peak	101.00	150	Vertical	Pass
6**	15896.325	42.55	1.77	54.0	11.45	AV	101.00	150	Vertical	Pass

11ac80, 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	1108.750	38.66	-15.70	74.0	35.34	Peak	92.00	150	Horizontal	Pass
1**	1108.750	27.51	-15.70	54.0	26.49	AV	92.00	150	Horizontal	Pass
2	1545.750	39.73	-15.43	74.0	34.27	Peak	345.00	150	Horizontal	Pass
2**	1545.750	28.41	-15.43	54.0	25.59	AV	345.00	150	Horizontal	Pass
3	4936.500	51.39	-0.67	74.0	22.61	Peak	360.00	150	Horizontal	Pass
3**	4936.500	40.86	-0.67	54.0	13.14	AV	360.00	150	Horizontal	Pass
4	5533.500	95.87	-0.67	--	42.13	Peak	138.00	150	Horizontal	N/A
4**	5533.500	87.89	-0.67	--	-87.89	AV	138.00	150	Horizontal	N/A
5	11865.787	51.41	-0.92	74.0	22.59	Peak	194.00	150	Horizontal	Pass
5**	11865.787	40.08	-0.92	54.0	13.92	AV	194.00	150	Horizontal	Pass
6	16104.487	52.72	1.61	74.0	21.28	Peak	102.00	150	Horizontal	Pass
6**	16104.487	41.17	1.61	54.0	12.83	AV	102.00	150	Horizontal	Pass

11ac80, 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	1107.500	38.83	-15.68	74.0	35.17	Peak	357.00	150	Vertical	Pass
1**	1107.500	27.58	-15.68	54.0	26.42	AV	357.00	150	Vertical	Pass
2	1595.000	40.45	-15.37	74.0	33.55	Peak	188.00	150	Vertical	Pass
2**	1595.000	28.86	-15.37	54.0	25.14	AV	188.00	150	Vertical	Pass
3	4784.000	51.05	-1.69	74.0	22.95	Peak	309.00	150	Vertical	Pass
3**	4784.000	38.84	-1.69	54.0	15.16	AV	309.00	150	Vertical	Pass
4	5523.500	97.35	-0.70	--	-28.35	Peak	69.00	150	Vertical	N/A
4**	5523.500	88.51	-0.70	--	-88.51	AV	69.00	150	Vertical	N/A
5	11871.487	50.37	-0.73	74.0	23.63	Peak	0.00	150	Vertical	Pass
5**	11871.487	40.39	-0.73	54.0	13.61	AV	0.00	150	Vertical	Pass
6	15946.988	52.22	1.50	74.0	21.78	Peak	310.00	150	Vertical	Pass
6**	15946.988	42.00	1.50	54.0	12.00	AV	310.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.000	38.76	-15.46	74.0	35.24	Peak	338.00	150	Horizontal	Pass
1**	1161.000	28.33	-15.46	54.0	25.67	AV	338.00	150	Horizontal	Pass
2	1572.000	39.51	-15.28	74.0	34.49	Peak	0.00	150	Horizontal	Pass
2**	1572.000	28.89	-15.28	54.0	25.11	AV	0.00	150	Horizontal	Pass
3	5070.000	51.48	-0.98	74.0	22.52	Peak	133.00	150	Horizontal	Pass
3**	5070.000	40.32	-0.98	54.0	13.68	AV	133.00	150	Horizontal	Pass
4	5784.000	101.73	0.34	--	31.27	Peak	133.00	150	Horizontal	N/A
4**	5784.000	93.87	0.34	--	-93.87	AV	133.00	150	Horizontal	N/A
5	12551.451	51.56	-0.36	74.0	22.44	Peak	313.00	150	Horizontal	Pass
5**	12551.451	40.93	-0.36	54.0	13.07	AV	313.00	150	Horizontal	Pass
6	15890.813	52.61	1.61	74.0	21.39	Peak	360.00	150	Horizontal	Pass
6**	15890.813	42.05	1.61	54.0	11.95	AV	360.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1203.500	39.33	-15.32	74.0	34.67	Peak	196.00	150	Vertical	Pass
1**	1203.500	28.50	-15.32	54.0	25.50	AV	196.00	150	Vertical	Pass
2	1691.000	39.96	-15.40	74.0	34.04	Peak	320.00	150	Vertical	Pass
2**	1691.000	29.10	-15.40	54.0	24.90	AV	320.00	150	Vertical	Pass
3	4979.500	51.82	-1.22	74.0	22.18	Peak	63.00	150	Vertical	Pass
3**	4979.500	40.21	-1.22	54.0	13.79	AV	63.00	150	Vertical	Pass
4	5787.000	102.44	0.38	--	-39.44	Peak	63.00	150	Vertical	N/A
4**	5787.000	94.85	0.38	--	-94.85	AV	63.00	150	Vertical	N/A
5	11867.924	52.38	-0.65	74.0	21.62	Peak	28.00	150	Vertical	Pass
5**	11867.924	40.59	-0.65	54.0	13.41	AV	28.00	150	Vertical	Pass
6	15757.725	52.85	0.85	74.0	21.15	Peak	104.00	150	Vertical	Pass
6**	15757.725	41.65	0.85	54.0	12.35	AV	104.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1220.000	39.47	-15.65	74.0	34.53	Peak	300.00	150	Horizontal	Pass
1**	1220.000	27.90	-15.65	54.0	26.10	AV	300.00	150	Horizontal	Pass
2	1596.000	40.18	-15.33	74.0	33.82	Peak	12.00	150	Horizontal	Pass
2**	1596.000	28.86	-15.33	54.0	25.14	AV	12.00	150	Horizontal	Pass
3	5442.000	52.45	-0.43	74.0	21.55	Peak	357.00	150	Horizontal	Pass
3**	5442.000	40.90	-0.43	54.0	13.10	AV	357.00	150	Horizontal	Pass
4	5783.500	102.22	0.33	--	28.78	Peak	131.00	150	Horizontal	N/A
4**	5783.500	94.70	0.33	--	-94.70	AV	131.00	150	Horizontal	N/A
5	12487.562	51.20	0.09	74.0	22.80	Peak	339.00	150	Horizontal	Pass
5**	12487.562	41.14	0.09	54.0	12.86	AV	339.00	150	Horizontal	Pass
6	15711.787	52.12	1.41	74.0	21.88	Peak	139.00	150	Horizontal	Pass
6**	15711.787	42.12	1.41	54.0	11.88	AV	139.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.000	38.91	-15.47	74.0	35.09	Peak	356.00	150	Vertical	Pass
1**	1165.000	28.15	-15.47	54.0	25.85	AV	356.00	150	Vertical	Pass
2	1596.750	40.16	-15.29	74.0	33.84	Peak	181.00	150	Vertical	Pass
2**	1596.750	29.19	-15.29	54.0	24.81	AV	181.00	150	Vertical	Pass
3	5068.000	51.84	-0.96	74.0	22.16	Peak	1.00	150	Vertical	Pass
3**	5068.000	40.69	-0.96	54.0	13.31	AV	1.00	150	Vertical	Pass
4	5783.500	103.95	0.33	--	156.05	Peak	260.00	150	Vertical	N/A
4**	5783.500	96.07	0.33	--	-96.07	AV	260.00	150	Vertical	N/A
5	12624.362	52.22	-0.33	74.0	21.78	Peak	265.00	150	Vertical	Pass
5**	12624.362	40.66	-0.33	54.0	13.34	AV	265.00	150	Vertical	Pass
6	15940.688	52.91	1.54	74.0	21.09	Peak	345.00	150	Vertical	Pass
6**	15940.688	42.13	1.54	54.0	11.87	AV	345.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1191.000	38.94	-15.24	74.0	35.06	Peak	355.00	150	Horizontal	Pass
1**	1191.000	28.26	-15.24	54.0	25.74	AV	355.00	150	Horizontal	Pass
2	1590.250	39.63	-15.46	74.0	34.37	Peak	217.00	150	Horizontal	Pass
2**	1590.250	28.92	-15.46	54.0	25.08	AV	217.00	150	Horizontal	Pass
3	5093.500	51.22	-0.80	74.0	22.78	Peak	124.00	150	Horizontal	Pass
3**	5093.500	40.85	-0.80	54.0	13.15	AV	124.00	150	Horizontal	Pass
4	5756.500	100.52	0.05	--	32.48	Peak	133.00	150	Horizontal	N/A
4**	5756.500	92.29	0.05	--	-92.29	AV	133.00	150	Horizontal	N/A
5	12575.438	51.66	-0.39	74.0	22.34	Peak	359.00	150	Horizontal	Pass
5**	12575.438	40.80	-0.39	54.0	13.20	AV	359.00	150	Horizontal	Pass
6	15944.100	51.91	1.23	74.0	22.09	Peak	312.00	150	Horizontal	Pass
6**	15944.100	41.43	1.23	54.0	12.57	AV	312.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1168.250	39.54	-15.47	74.0	34.46	Peak	301.00	150	Vertical	Pass
1**	1168.250	28.31	-15.47	54.0	25.69	AV	301.00	150	Vertical	Pass
2	1495.250	39.74	-15.40	74.0	34.26	Peak	3.00	150	Vertical	Pass
2**	1495.250	28.37	-15.40	54.0	25.63	AV	3.00	150	Vertical	Pass
3	5015.000	50.98	-0.88	74.0	23.02	Peak	241.00	150	Vertical	Pass
3**	5015.000	40.56	-0.88	54.0	13.44	AV	241.00	150	Vertical	Pass
4	5757.000	100.74	0.04	--	-25.74	Peak	75.00	150	Vertical	N/A
4**	5757.000	92.79	0.04	--	-92.79	AV	75.00	150	Vertical	N/A
5	11906.638	50.75	-0.91	74.0	23.25	Peak	217.00	150	Vertical	Pass
5**	11906.638	40.67	-0.91	54.0	13.33	AV	217.00	150	Vertical	Pass
6	15699.450	52.56	1.28	74.0	21.44	Peak	276.00	150	Vertical	Pass
6**	15699.450	41.72	1.28	54.0	12.28	AV	276.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.500	39.05	-15.47	74.0	34.95	Peak	310.00	150	Horizontal	Pass
1**	1161.500	28.03	-15.47	54.0	25.97	AV	310.00	150	Horizontal	Pass
2	1588.000	39.71	-15.55	74.0	34.29	Peak	262.00	150	Horizontal	Pass
2**	1588.000	28.52	-15.55	54.0	25.48	AV	262.00	150	Horizontal	Pass
3	5074.000	51.75	-1.02	74.0	22.25	Peak	45.00	150	Horizontal	Pass
3**	5074.000	40.67	-1.02	54.0	13.33	AV	45.00	150	Horizontal	Pass
4	5772.000	96.47	0.45	--	36.53	Peak	133.00	150	Horizontal	N/A
4**	5772.000	89.16	0.45	--	-89.16	AV	133.00	150	Horizontal	N/A
5	12519.388	51.09	-0.47	74.0	22.91	Peak	360.00	150	Horizontal	Pass
5**	12519.388	40.60	-0.47	54.0	13.40	AV	360.00	150	Horizontal	Pass
6	15938.588	52.59	1.56	74.0	21.41	Peak	35.00	150	Horizontal	Pass
6**	15938.588	41.80	1.56	54.0	12.20	AV	35.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1192.000	38.96	-15.28	74.0	35.04	Peak	51.00	150	Vertical	Pass
1**	1192.000	28.05	-15.28	54.0	25.95	AV	51.00	150	Vertical	Pass
2	1586.750	40.41	-15.57	74.0	33.59	Peak	83.00	150	Vertical	Pass
2**	1586.750	28.90	-15.57	54.0	25.10	AV	83.00	150	Vertical	Pass
3	4851.000	50.93	-1.15	74.0	23.07	Peak	2.00	150	Vertical	Pass
3**	4851.000	39.36	-1.15	54.0	14.64	AV	2.00	150	Vertical	Pass
4	5772.500	97.47	0.44	--	155.53	Peak	253.00	150	Vertical	N/A
4**	5772.500	89.50	0.44	--	-89.50	AV	253.00	150	Vertical	N/A
5	12142.000	50.98	-1.23	74.0	23.02	Peak	339.00	150	Vertical	Pass
5**	12142.000	39.50	-1.23	54.0	14.50	AV	339.00	150	Vertical	Pass
6	16121.287	52.88	1.53	74.0	21.12	Peak	209.00	150	Vertical	Pass
6**	16121.287	41.54	1.53	54.0	12.46	AV	209.00	150	Vertical	Pass

Aux Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.000	39.10	-15.50	74.0	34.90	Peak	10.00	150	Horizontal	Pass
1**	1166.000	27.99	-15.50	54.0	26.01	AV	10.00	150	Horizontal	Pass
2	1603.500	39.85	-15.25	74.0	34.15	Peak	230.00	150	Horizontal	Pass
2**	1603.500	28.74	-15.25	54.0	25.26	AV	230.00	150	Horizontal	Pass
3	4198.000	48.28	-2.51	74.0	25.72	Peak	348.00	150	Horizontal	Pass
3**	4198.000	37.71	-2.51	54.0	16.29	AV	348.00	150	Horizontal	Pass
4	5219.000	105.51	-0.89	--	-23.51	Peak	82.00	150	Horizontal	N/A
4**	5219.000	97.92	-0.89	--	-97.92	AV	82.00	150	Horizontal	N/A
5	11281.776	51.33	-1.33	74.0	22.67	Peak	76.00	150	Horizontal	Pass
5**	11281.776	40.15	-1.33	54.0	13.85	AV	76.00	150	Horizontal	Pass
6	15952.238	51.95	1.16	74.0	22.05	Peak	274.00	150	Horizontal	Pass
6**	15952.238	41.61	1.16	54.0	12.39	AV	274.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.500	39.20	-15.49	74.0	34.80	Peak	352.00	150	Vertical	Pass
1**	1166.500	28.12	-15.49	54.0	25.88	AV	352.00	150	Vertical	Pass
2	1586.000	40.26	-15.55	74.0	33.74	Peak	0.00	150	Vertical	Pass
2**	1586.000	28.50	-15.55	54.0	25.50	AV	0.00	150	Vertical	Pass
3	4271.000	48.89	-2.39	74.0	25.11	Peak	270.00	150	Vertical	Pass
3**	4271.000	37.34	-2.39	54.0	16.66	AV	270.00	150	Vertical	Pass
4	5219.000	104.33	-0.89	--	-6.33	Peak	98.00	150	Vertical	N/A
4**	5219.000	96.66	-0.89	--	-96.66	AV	98.00	150	Vertical	N/A
5	11207.437	51.03	-1.54	74.0	22.97	Peak	173.00	150	Vertical	Pass
5**	11207.437	39.52	-1.54	54.0	14.48	AV	173.00	150	Vertical	Pass
1	1166.500	39.20	-15.49	74.0	34.80	Peak	352.00	150	Vertical	Pass
1**	1166.500	28.12	-15.49	54.0	25.88	AV	352.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1143.750	38.92	-15.37	74.0	35.08	Peak	51.00	150	Horizontal	Pass
1**	1143.750	27.85	-15.37	54.0	26.15	AV	51.00	150	Horizontal	Pass
2	1499.500	39.61	-15.37	74.0	34.39	Peak	217.00	150	Horizontal	Pass
2**	1499.500	28.48	-15.37	54.0	25.52	AV	217.00	150	Horizontal	Pass
3	3874.500	47.79	-4.02	74.0	26.21	Peak	31.00	150	Horizontal	Pass
3**	3874.500	37.01	-4.02	54.0	16.99	AV	31.00	150	Horizontal	Pass
4	5221.000	106.35	-0.85	--	-16.35	Peak	90.00	150	Horizontal	N/A
4**	5221.000	98.74	-0.85	--	-98.74	AV	90.00	150	Horizontal	N/A
5	11174.425	50.08	-1.33	74.0	23.92	Peak	147.00	150	Horizontal	Pass
5**	11174.425	39.52	-1.33	54.0	14.48	AV	147.00	150	Horizontal	Pass
1	1143.750	38.92	-15.37	74.0	35.08	Peak	51.00	150	Horizontal	Pass
1**	1143.750	27.85	-15.37	54.0	26.15	AV	51.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1104.500	38.90	-15.64	74.0	35.10	Peak	193.00	150	Vertical	Pass
1**	1104.500	27.58	-15.64	54.0	26.42	AV	193.00	150	Vertical	Pass
2	1571.250	39.82	-15.27	74.0	34.18	Peak	175.00	150	Vertical	Pass
2**	1571.250	28.85	-15.27	54.0	25.15	AV	175.00	150	Vertical	Pass
3	4176.500	48.20	-3.14	74.0	25.80	Peak	83.00	150	Vertical	Pass
3**	4176.500	38.48	-3.14	54.0	15.52	AV	83.00	150	Vertical	Pass
4	5222.500	106.06	-0.83	--	143.94	Peak	250.00	150	Vertical	N/A
4**	5222.500	97.75	-0.83	--	-97.75	AV	250.00	150	Vertical	N/A
5	11923.500	50.92	-1.41	74.0	23.08	Peak	359.00	150	Vertical	Pass
5**	11923.500	39.56	-1.41	54.0	14.44	AV	359.00	150	Vertical	Pass
6	15939.637	52.24	1.52	74.0	21.76	Peak	360.00	150	Vertical	Pass
6**	15939.637	41.98	1.52	54.0	12.02	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1144.500	38.80	-15.39	74.0	35.20	Peak	172.00	150	Horizontal	Pass
1**	1144.500	28.23	-15.39	54.0	25.77	AV	172.00	150	Horizontal	Pass
2	1453.500	40.15	-15.36	74.0	33.85	Peak	282.00	150	Horizontal	Pass
2**	1453.500	28.48	-15.36	54.0	25.52	AV	282.00	150	Horizontal	Pass
3	4124.000	48.79	-3.41	74.0	25.21	Peak	300.00	150	Horizontal	Pass
3**	4124.000	37.30	-3.41	54.0	16.70	AV	300.00	150	Horizontal	Pass
4	5191.500	103.71	-1.06	--	44.29	Peak	148.00	150	Horizontal	N/A
4**	5191.500	95.49	-1.06	--	-95.49	AV	148.00	150	Horizontal	N/A
5	11889.537	50.43	-1.00	74.0	23.57	Peak	148.00	150	Horizontal	Pass
5**	11889.537	39.81	-1.00	54.0	14.19	AV	148.00	150	Horizontal	Pass
6	15899.737	52.29	1.58	74.0	21.71	Peak	105.00	150	Horizontal	Pass
6**	15899.737	41.54	1.58	54.0	12.46	AV	105.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1071.500	38.55	-15.59	74.0	35.45	Peak	0.00	150	Vertical	Pass
1**	1071.500	27.25	-15.59	54.0	26.75	AV	0.00	150	Vertical	Pass
2	1605.500	39.95	-15.22	74.0	34.05	Peak	202.00	150	Vertical	Pass
2**	1605.500	28.91	-15.22	54.0	25.09	AV	202.00	150	Vertical	Pass
3	4266.000	48.48	-2.68	74.0	25.52	Peak	2.00	150	Vertical	Pass
3**	4266.000	38.11	-2.68	54.0	15.89	AV	2.00	150	Vertical	Pass
4	5192.000	102.29	-1.08	--	26.71	Peak	129.00	150	Vertical	N/A
4**	5192.000	94.61	-1.08	--	-94.61	AV	129.00	150	Vertical	N/A
5	11982.875	50.31	-0.89	74.0	23.69	Peak	148.00	150	Vertical	Pass
5**	11982.875	40.04	-0.89	54.0	13.96	AV	148.00	150	Vertical	Pass
6	15782.400	52.28	0.90	74.0	21.72	Peak	312.00	150	Vertical	Pass
6**	15782.400	41.45	0.90	54.0	12.55	AV	312.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1070.250	38.65	-15.62	74.0	35.35	Peak	255.00	150	Horizontal	Pass
1**	1070.250	27.86	-15.62	54.0	26.14	AV	255.00	150	Horizontal	Pass
2	1573.500	39.71	-15.37	74.0	34.29	Peak	203.00	150	Horizontal	Pass
2**	1573.500	28.66	-15.37	54.0	25.34	AV	203.00	150	Horizontal	Pass
3	4200.500	48.27	-2.45	74.0	25.73	Peak	209.00	150	Horizontal	Pass
3**	4200.500	37.78	-2.45	54.0	16.22	AV	209.00	150	Horizontal	Pass
4	5205.500	100.19	-0.87	--	-11.19	Peak	89.00	150	Horizontal	N/A
4**	5205.500	92.07	-0.87	--	-92.07	AV	89.00	150	Horizontal	N/A
5	12162.425	50.66	-1.43	74.0	23.34	Peak	245.00	150	Horizontal	Pass
5**	12162.425	38.93	-1.43	54.0	15.07	AV	245.00	150	Horizontal	Pass
6	15887.925	51.79	1.47	74.0	22.21	Peak	172.00	150	Horizontal	Pass
6**	15887.925	42.20	1.47	54.0	11.80	AV	172.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1156.750	38.99	-15.42	74.0	35.01	Peak	294.00	150	Vertical	Pass
1**	1156.750	27.98	-15.42	54.0	26.02	AV	294.00	150	Vertical	Pass
2	1465.750	39.92	-15.47	74.0	34.08	Peak	104.00	150	Vertical	Pass
2**	1465.750	28.34	-15.47	54.0	25.66	AV	104.00	150	Vertical	Pass
3	4245.000	48.24	-2.49	74.0	25.76	Peak	138.00	150	Vertical	Pass
3**	4245.000	37.58	-2.49	54.0	16.42	AV	138.00	150	Vertical	Pass
4	5206.000	99.63	-0.87	--	29.37	Peak	129.00	150	Vertical	N/A
4**	5206.000	90.71	-0.87	--	-90.71	AV	129.00	150	Vertical	N/A
5	11824.938	50.93	-1.33	74.0	23.07	Peak	340.00	150	Vertical	Pass
5**	11824.938	40.13	-1.33	54.0	13.87	AV	340.00	150	Vertical	Pass
6	15896.063	52.16	1.77	74.0	21.84	Peak	206.00	150	Vertical	Pass
6**	15896.063	42.00	1.77	54.0	12.00	AV	206.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1190.750	39.86	-15.24	74.0	34.14	Peak	245.00	150	Vertical	Pass
1**	1190.750	27.95	-15.24	54.0	26.05	AV	245.00	150	Vertical	Pass
2	1531.750	39.62	-15.40	74.0	34.38	Peak	72.00	150	Vertical	Pass
2**	1531.750	28.82	-15.40	54.0	25.18	AV	72.00	150	Vertical	Pass
3	4147.500	48.35	-3.55	74.0	25.65	Peak	260.00	150	Vertical	Pass
3**	4147.500	37.49	-3.55	54.0	16.51	AV	260.00	150	Vertical	Pass
4	5298.000	105.37	-0.54	--	144.63	Peak	250.00	150	Vertical	N/A
4**	5298.000	97.49	-0.54	--	-97.49	AV	250.00	150	Vertical	N/A
5	12104.475	50.41	-0.98	74.0	23.59	Peak	0.00	150	Vertical	Pass
5**	12104.475	39.77	-0.98	54.0	14.23	AV	0.00	150	Vertical	Pass
6	15900.262	52.09	1.51	74.0	21.91	Peak	346.00	150	Vertical	Pass
6**	15900.262	41.95	1.51	54.0	12.05	AV	346.00	150	Vertical	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1190.750	39.86	-15.24	74.0	34.14	Peak	245.00	150	Vertical	Pass
1**	1190.750	27.95	-15.24	54.0	26.05	AV	245.00	150	Vertical	Pass
2	1531.750	39.62	-15.40	74.0	34.38	Peak	72.00	150	Vertical	Pass
2**	1531.750	28.82	-15.40	54.0	25.18	AV	72.00	150	Vertical	Pass
3	4147.500	48.35	-3.55	74.0	25.65	Peak	260.00	150	Vertical	Pass
3**	4147.500	37.49	-3.55	54.0	16.51	AV	260.00	150	Vertical	Pass
4	5298.000	105.37	-0.54	--	144.63	Peak	250.00	150	Vertical	N/A
4**	5298.000	97.49	-0.54	--	-97.49	AV	250.00	150	Vertical	N/A
5	12104.475	50.41	-0.98	74.0	23.59	Peak	0.00	150	Vertical	Pass
5**	12104.475	39.77	-0.98	54.0	14.23	AV	0.00	150	Vertical	Pass
6	15900.262	52.09	1.51	74.0	21.91	Peak	346.00	150	Vertical	Pass
6**	15900.262	41.95	1.51	54.0	12.05	AV	346.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1076.000	38.59	-15.54	74.0	35.41	Peak	269.00	150	Horizontal	Pass
1**	1076.000	27.82	-15.54	54.0	26.18	AV	269.00	150	Horizontal	Pass
2	1527.000	39.67	-15.45	74.0	34.33	Peak	32.00	150	Horizontal	Pass
2**	1527.000	28.23	-15.45	54.0	25.77	AV	32.00	150	Horizontal	Pass
3	4937.000	51.61	-0.66	74.0	22.39	Peak	210.00	150	Horizontal	Pass
3**	4937.000	40.34	-0.66	54.0	13.66	AV	210.00	150	Horizontal	Pass
4	5297.500	107.31	-0.52	--	32.69	Peak	140.00	150	Horizontal	N/A
4**	5297.500	99.40	-0.52	--	-99.40	AV	140.00	150	Horizontal	N/A
5	12584.937	51.66	-0.24	74.0	22.34	Peak	149.00	150	Horizontal	Pass
5**	12584.937	40.82	-0.24	54.0	13.18	AV	149.00	150	Horizontal	Pass
6	15886.875	52.88	1.48	74.0	21.12	Peak	0.00	150	Horizontal	Pass
6**	15886.875	41.99	1.48	54.0	12.01	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.750	39.44	-15.46	74.0	34.56	Peak	132.00	150	Vertical	Pass
1**	1160.750	28.13	-15.46	54.0	25.87	AV	132.00	150	Vertical	Pass
2	1532.500	40.02	-15.43	74.0	33.98	Peak	0.00	150	Vertical	Pass
2**	1532.500	28.19	-15.43	54.0	25.81	AV	0.00	150	Vertical	Pass
3	4201.500	48.81	-2.40	74.0	25.19	Peak	192.00	150	Vertical	Pass
3**	4201.500	37.42	-2.40	54.0	16.58	AV	192.00	150	Vertical	Pass
4	5302.500	106.67	-0.58	--	144.33	Peak	251.00	150	Vertical	N/A
4**	5302.500	97.47	-0.58	--	-97.47	AV	251.00	150	Vertical	N/A
5	11955.325	50.73	-1.02	74.0	23.27	Peak	0.00	150	Vertical	Pass
5**	11955.325	40.27	-1.02	54.0	13.73	AV	0.00	150	Vertical	Pass
6	15723.600	52.29	1.33	74.0	21.71	Peak	360.00	150	Vertical	Pass
6**	15723.600	42.46	1.33	54.0	11.54	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1107.750	38.98	-15.68	74.0	35.02	Peak	12.00	150	Horizontal	Pass
1**	1107.750	27.72	-15.68	54.0	26.28	AV	12.00	150	Horizontal	Pass
2	1537.000	39.60	-15.42	74.0	34.40	Peak	0.00	150	Horizontal	Pass
2**	1537.000	28.24	-15.42	54.0	25.76	AV	0.00	150	Horizontal	Pass
3	4621.000	49.74	-1.68	74.0	24.26	Peak	83.00	150	Horizontal	Pass
3**	4621.000	38.81	-1.68	54.0	15.19	AV	83.00	150	Horizontal	Pass
4	5271.500	103.78	-0.85	--	49.22	Peak	153.00	150	Horizontal	N/A
4**	5271.500	95.60	-0.85	--	-95.60	AV	153.00	150	Horizontal	N/A
5	11268.950	50.19	-1.35	74.0	23.81	Peak	0.00	150	Horizontal	Pass
5**	11268.950	38.90	-1.35	54.0	15.10	AV	0.00	150	Horizontal	Pass
6	15893.175	52.20	1.63	74.0	21.80	Peak	172.00	150	Horizontal	Pass
6**	15893.175	41.86	1.63	54.0	12.14	AV	172.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1076.000	38.59	-15.54	74.0	35.41	Peak	269.00	150	Horizontal	Pass
1**	1076.000	27.82	-15.54	54.0	26.18	AV	269.00	150	Horizontal	Pass
2	1527.000	39.67	-15.45	74.0	34.33	Peak	32.00	150	Horizontal	Pass
2**	1527.000	28.23	-15.45	54.0	25.77	AV	32.00	150	Horizontal	Pass
3	4937.000	51.61	-0.66	74.0	22.39	Peak	210.00	150	Horizontal	Pass
3**	4937.000	40.34	-0.66	54.0	13.66	AV	210.00	150	Horizontal	Pass
4	5297.500	107.31	-0.52	--	32.69	Peak	140.00	150	Horizontal	N/A
4**	5297.500	99.40	-0.52	--	-99.40	AV	140.00	150	Horizontal	N/A
5	12584.937	51.66	-0.24	74.0	22.34	Peak	149.00	150	Horizontal	Pass
5**	12584.937	40.82	-0.24	54.0	13.18	AV	149.00	150	Horizontal	Pass
6	15886.875	52.88	1.48	74.0	21.12	Peak	0.00	150	Horizontal	Pass
6**	15886.875	41.99	1.48	54.0	12.01	AV	0.00	150	Horizontal	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1206.500	39.02	-15.41	74.0	34.98	Peak	0.00	150	Horizontal	Pass
1**	1206.500	28.16	-15.41	54.0	25.84	AV	0.00	150	Horizontal	Pass
2	1574.000	38.93	-15.40	74.0	35.07	Peak	130.00	150	Horizontal	Pass
2**	1574.000	28.51	-15.40	54.0	25.49	AV	130.00	150	Horizontal	Pass
3	4183.500	47.80	-3.02	74.0	26.20	Peak	321.00	150	Horizontal	Pass
3**	4183.500	37.74	-3.02	54.0	16.26	AV	321.00	150	Horizontal	Pass
4	5283.500	100.49	-0.74	--	-6.49	Peak	94.00	150	Horizontal	N/A
4**	5283.500	91.41	-0.74	--	-91.41	AV	94.00	150	Horizontal	N/A
5	12497.299	50.82	0.22	74.0	23.18	Peak	314.00	150	Horizontal	Pass
5**	12497.299	40.68	0.22	54.0	13.32	AV	314.00	150	Horizontal	Pass
6	15939.112	52.18	1.54	74.0	21.82	Peak	242.00	150	Horizontal	Pass
6**	15939.112	41.81	1.54	54.0	12.19	AV	242.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1201.250	39.07	-15.29	74.0	34.93	Peak	355.00	150	Vertical	Pass
1**	1201.250	28.17	-15.29	54.0	25.83	AV	355.00	150	Vertical	Pass
2	1577.750	39.88	-15.53	74.0	34.12	Peak	0.00	150	Vertical	Pass
2**	1577.750	28.43	-15.53	54.0	25.57	AV	0.00	150	Vertical	Pass
3	4201.500	48.38	-2.40	74.0	25.62	Peak	81.00	150	Vertical	Pass
3**	4201.500	37.75	-2.40	54.0	16.25	AV	81.00	150	Vertical	Pass
4	5295.500	99.97	-0.53	--	161.03	Peak	261.00	150	Vertical	N/A
4**	5295.500	91.69	-0.53	--	-91.69	AV	261.00	150	Vertical	N/A
5	11951.287	50.50	-1.15	74.0	23.50	Peak	197.00	150	Vertical	Pass
5**	11951.287	39.76	-1.15	54.0	14.24	AV	197.00	150	Vertical	Pass
6	15949.088	52.35	1.36	74.0	21.65	Peak	36.00	150	Vertical	Pass
6**	15949.088	42.35	1.36	54.0	11.65	AV	36.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1190.750	39.10	-15.24	74.0	34.90	Peak	12.00	150	Horizontal	Pass
1**	1190.750	28.34	-15.24	54.0	25.66	AV	12.00	150	Horizontal	Pass
2	1453.750	39.81	-15.37	74.0	34.19	Peak	307.00	150	Horizontal	Pass
2**	1453.750	28.19	-15.37	54.0	25.81	AV	307.00	150	Horizontal	Pass
3	4991.500	51.15	-0.98	74.0	22.85	Peak	360.00	150	Horizontal	Pass
3**	4991.500	40.31	-0.98	54.0	13.69	AV	360.00	150	Horizontal	Pass
4	5581.500	105.69	-0.71	--	36.31	Peak	142.00	150	Horizontal	N/A
4**	5581.500	98.61	-0.71	--	-98.61	AV	142.00	150	Horizontal	N/A
5	11201.025	50.71	-1.46	74.0	23.29	Peak	245.00	150	Horizontal	Pass
5**	11201.025	39.78	-1.46	54.0	14.22	AV	245.00	150	Horizontal	Pass
6	15936.224	52.66	1.54	74.0	21.34	Peak	174.00	150	Horizontal	Pass
6**	15936.224	42.57	1.54	54.0	11.43	AV	174.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1180.500	39.02	-15.51	74.0	34.98	Peak	210.00	150	Vertical	Pass
1**	1180.500	28.21	-15.51	54.0	25.79	AV	210.00	150	Vertical	Pass
2	1502.250	39.94	-15.31	74.0	34.06	Peak	75.00	150	Vertical	Pass
2**	1502.250	28.62	-15.31	54.0	25.38	AV	75.00	150	Vertical	Pass
3	4960.500	51.02	-0.79	74.0	22.98	Peak	360.00	150	Vertical	Pass
3**	4960.500	40.46	-0.79	54.0	13.54	AV	360.00	150	Vertical	Pass
4	5581.500	105.77	-0.71	--	142.23	Peak	248.00	150	Vertical	N/A
4**	5581.500	98.65	-0.71	--	-98.65	AV	248.00	150	Vertical	N/A
5	11866.974	50.87	-0.71	74.0	23.13	Peak	149.00	150	Vertical	Pass
5**	11866.974	40.21	-0.71	54.0	13.79	AV	149.00	150	Vertical	Pass
6	15946.200	52.09	1.40	74.0	21.91	Peak	345.00	150	Vertical	Pass
6**	15946.200	42.09	1.40	54.0	11.91	AV	345.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1011.000	38.94	-15.41	74.0	35.06	Peak	294.00	150	Horizontal	Pass
1**	1011.000	27.67	-15.41	54.0	26.33	AV	294.00	150	Horizontal	Pass
2	1509.750	39.71	-15.26	74.0	34.29	Peak	0.00	150	Horizontal	Pass
2**	1509.750	28.42	-15.26	54.0	25.58	AV	0.00	150	Horizontal	Pass
3	4616.500	49.52	-1.99	74.0	24.48	Peak	349.00	150	Horizontal	Pass
3**	4616.500	38.90	-1.99	54.0	15.10	AV	349.00	150	Horizontal	Pass
4	5581.500	106.38	-0.71	--	-14.38	Peak	92.00	150	Horizontal	N/A
4**	5581.500	99.16	-0.71	--	-99.16	AV	92.00	150	Horizontal	N/A
5	11867.450	51.28	-0.68	74.0	22.72	Peak	294.00	150	Horizontal	Pass
5**	11867.450	40.38	-0.68	54.0	13.62	AV	294.00	150	Horizontal	Pass
6	15437.213	52.67	1.50	74.0	21.33	Peak	276.00	150	Horizontal	Pass
6**	15437.213	41.75	1.50	54.0	12.25	AV	276.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1129.000	38.54	-15.61	74.0	35.46	Peak	179.00	150	Vertical	Pass
1**	1129.000	27.96	-15.61	54.0	26.04	AV	179.00	150	Vertical	Pass
2	1606.000	39.69	-15.22	74.0	34.31	Peak	166.00	150	Vertical	Pass
2**	1606.000	28.74	-15.22	54.0	25.26	AV	166.00	150	Vertical	Pass
3	4949.000	51.07	-0.55	74.0	22.93	Peak	137.00	150	Vertical	Pass
3**	4949.000	40.09	-0.55	54.0	13.91	AV	137.00	150	Vertical	Pass
4	5582.500	105.67	-0.68	--	143.33	Peak	249.00	150	Vertical	N/A
4**	5582.500	98.15	-0.68	--	-98.15	AV	249.00	150	Vertical	N/A
5	12059.350	50.53	-1.08	74.0	23.47	Peak	174.00	150	Vertical	Pass
5**	12059.350	39.89	-1.08	54.0	14.11	AV	174.00	150	Vertical	Pass
6	15936.487	52.16	1.54	74.0	21.84	Peak	276.00	150	Vertical	Pass
6**	15936.487	42.32	1.54	54.0	11.68	AV	276.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1219.000	39.29	-15.64	74.0	34.71	Peak	0.00	150	Horizontal	Pass
1**	1219.000	28.10	-15.64	54.0	25.90	AV	0.00	150	Horizontal	Pass
2	1453.000	39.64	-15.34	74.0	34.36	Peak	166.00	150	Horizontal	Pass
2**	1453.000	28.43	-15.34	54.0	25.57	AV	166.00	150	Horizontal	Pass
3	4829.500	50.61	-1.61	74.0	23.39	Peak	339.00	150	Horizontal	Pass
3**	4829.500	39.16	-1.61	54.0	14.84	AV	339.00	150	Horizontal	Pass
4	5591.500	103.33	-0.60	--	39.67	Peak	143.00	150	Horizontal	N/A
4**	5591.500	95.33	-0.60	--	-95.33	AV	143.00	150	Horizontal	N/A
5	11904.975	51.65	-0.82	74.0	22.35	Peak	266.00	150	Horizontal	Pass
5**	11904.975	40.64	-0.82	54.0	13.36	AV	266.00	150	Horizontal	Pass
6	15645.638	52.08	1.25	74.0	21.92	Peak	208.00	150	Horizontal	Pass
6**	15645.638	41.56	1.25	54.0	12.44	AV	208.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1048.750	38.87	-15.70	74.0	35.13	Peak	209.00	150	Vertical	Pass
1**	1048.750	27.43	-15.70	54.0	26.57	AV	209.00	150	Vertical	Pass
2	1515.000	40.15	-15.25	74.0	33.85	Peak	13.00	150	Vertical	Pass
2**	1515.000	28.61	-15.25	54.0	25.39	AV	13.00	150	Vertical	Pass
3	5008.500	52.07	-0.91	74.0	21.93	Peak	150.00	150	Vertical	Pass
3**	5008.500	40.51	-0.91	54.0	13.49	AV	150.00	150	Vertical	Pass
4	5592.500	102.63	-0.61	--	145.37	Peak	248.00	150	Vertical	N/A
4**	5592.500	94.77	-0.61	--	-94.77	AV	248.00	150	Vertical	N/A
5	11273.700	51.00	-1.44	74.0	23.00	Peak	99.00	150	Vertical	Pass
5**	11273.700	40.05	-1.44	54.0	13.95	AV	99.00	150	Vertical	Pass
6	15752.738	52.14	0.66	74.0	21.86	Peak	208.00	150	Vertical	Pass
6**	15752.738	41.16	0.66	54.0	12.84	AV	208.00	150	Vertical	Pass

11ac80, 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	1017.000	39.53	-15.74	74.0	34.47	Peak	109.00	150	Horizontal	Pass
1**	1017.000	27.31	-15.74	54.0	26.69	AV	109.00	150	Horizontal	Pass
2	1604.250	40.29	-15.22	74.0	33.71	Peak	9.00	150	Horizontal	Pass
2**	1604.250	28.61	-15.22	54.0	25.39	AV	9.00	150	Horizontal	Pass
3	4046.500	48.04	-3.11	74.0	25.96	Peak	20.00	150	Horizontal	Pass
3**	4046.500	36.96	-3.11	54.0	17.04	AV	20.00	150	Horizontal	Pass
4	5533.500	99.79	-0.67	--	39.21	Peak	139.00	150	Horizontal	N/A
4**	5533.500	92.20	-0.67	--	-92.20	AV	139.00	150	Horizontal	N/A
5	11430.925	50.36	-1.37	74.0	23.64	Peak	98.00	150	Horizontal	Pass
5**	11430.925	39.08	-1.37	54.0	14.92	AV	98.00	150	Horizontal	Pass
6	15900.526	52.66	1.46	74.0	21.34	Peak	0.00	150	Horizontal	Pass
6**	15900.526	41.72	1.46	54.0	12.28	AV	0.00	150	Horizontal	Pass

11ac80, 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	1161.500	38.80	-15.47	74.0	35.20	Peak	123.00	150	Vertical	Pass
1**	1161.500	28.19	-15.47	54.0	25.81	AV	123.00	150	Vertical	Pass
2	1530.000	39.57	-15.43	74.0	34.43	Peak	215.00	150	Vertical	Pass
2**	1530.000	28.65	-15.43	54.0	25.35	AV	215.00	150	Vertical	Pass
3	4936.000	51.82	-0.70	74.0	22.18	Peak	289.00	150	Vertical	Pass
3**	4936.000	40.44	-0.70	54.0	13.56	AV	289.00	150	Vertical	Pass
4	5543.000	98.72	-0.70	--	149.28	Peak	248.00	150	Vertical	N/A
4**	5543.000	89.67	-0.70	--	-89.67	AV	248.00	150	Vertical	N/A
5	12216.100	50.82	-1.12	74.0	23.18	Peak	77.00	150	Vertical	Pass
5**	12216.100	39.42	-1.12	54.0	14.58	AV	77.00	150	Vertical	Pass
6	15662.437	52.60	1.51	74.0	21.40	Peak	279.00	150	Vertical	Pass
6**	15662.437	41.07	1.51	54.0	12.93	AV	279.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.750	39.04	-15.30	74.0	34.96	Peak	0.00	150	Horizontal	Pass
1**	1200.750	28.53	-15.30	54.0	25.47	AV	0.00	150	Horizontal	Pass
2	1609.250	40.13	-15.22	74.0	33.87	Peak	0.00	150	Horizontal	Pass
2**	1609.250	28.92	-15.22	54.0	25.08	AV	0.00	150	Horizontal	Pass
3	4816.000	51.64	-1.39	74.0	22.36	Peak	179.00	150	Horizontal	Pass
3**	4816.000	39.41	-1.39	54.0	14.59	AV	179.00	150	Horizontal	Pass
4	5786.000	106.61	0.38	--	31.39	Peak	138.00	150	Horizontal	N/A
4**	5786.000	98.38	0.38	--	-98.38	AV	138.00	150	Horizontal	N/A
5	12500.150	52.29	-0.05	74.0	21.71	Peak	0.00	150	Horizontal	Pass
5**	12500.150	40.95	-0.05	54.0	13.05	AV	0.00	150	Horizontal	Pass
6	15617.287	52.80	1.04	74.0	21.20	Peak	345.00	150	Horizontal	Pass
6**	15617.287	41.57	1.04	54.0	12.43	AV	345.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.750	38.94	-15.47	74.0	35.06	Peak	90.00	150	Vertical	Pass
1**	1163.750	28.10	-15.47	54.0	25.90	AV	90.00	150	Vertical	Pass
2	1606.500	39.73	-15.23	74.0	34.27	Peak	2.00	150	Vertical	Pass
2**	1606.500	28.96	-15.23	54.0	25.04	AV	2.00	150	Vertical	Pass
3	4297.000	48.80	-2.97	74.0	25.20	Peak	69.00	150	Vertical	Pass
3**	4297.000	37.81	-2.97	54.0	16.19	AV	69.00	150	Vertical	Pass
4	5787.000	106.58	0.38	--	173.42	Peak	280.00	150	Vertical	N/A
4**	5787.000	99.12	0.38	--	-99.12	AV	280.00	150	Vertical	N/A
5	12502.287	51.50	-0.07	74.0	22.50	Peak	0.00	150	Vertical	Pass
5**	12502.287	41.16	-0.07	54.0	12.84	AV	0.00	150	Vertical	Pass
6	15895.012	52.76	1.68	74.0	21.24	Peak	0.00	150	Vertical	Pass
6**	15895.012	41.82	1.68	54.0	12.18	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1228.250	39.71	-15.60	74.0	34.29	Peak	268.00	150	Horizontal	Pass
1**	1228.250	28.27	-15.60	54.0	25.73	AV	268.00	150	Horizontal	Pass
2	1592.000	40.05	-15.40	74.0	33.95	Peak	3.00	150	Horizontal	Pass
2**	1592.000	28.95	-15.40	54.0	25.05	AV	3.00	150	Horizontal	Pass
3	4907.500	50.74	-1.16	74.0	23.26	Peak	227.00	150	Horizontal	Pass
3**	4907.500	39.97	-1.16	54.0	14.03	AV	227.00	150	Horizontal	Pass
4	5786.000	106.80	0.38	--	41.20	Peak	148.00	150	Horizontal	N/A
4**	5786.000	98.54	0.38	--	-98.54	AV	148.00	150	Horizontal	N/A
5	12515.826	51.28	-0.43	74.0	22.72	Peak	360.00	150	Horizontal	Pass
5**	12515.826	40.63	-0.43	54.0	13.37	AV	360.00	150	Horizontal	Pass
6	15952.500	51.91	1.15	74.0	22.09	Peak	104.00	150	Horizontal	Pass
6**	15952.500	42.34	1.15	54.0	11.66	AV	104.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.500	39.05	-15.31	74.0	34.95	Peak	21.00	150	Vertical	Pass
1**	1199.500	28.36	-15.31	54.0	25.64	AV	21.00	150	Vertical	Pass
2	1457.000	40.11	-15.40	74.0	33.89	Peak	0.00	150	Vertical	Pass
2**	1457.000	28.36	-15.40	54.0	25.64	AV	0.00	150	Vertical	Pass
3	5069.000	50.85	-0.98	74.0	23.15	Peak	191.00	150	Vertical	Pass
3**	5069.000	40.62	-0.98	54.0	13.38	AV	191.00	150	Vertical	Pass
4	5787.000	106.98	0.38	--	153.02	Peak	260.00	150	Vertical	N/A
4**	5787.000	99.17	0.38	--	-99.17	AV	260.00	150	Vertical	N/A
5	12495.638	50.84	0.15	74.0	23.16	Peak	75.00	150	Vertical	Pass
5**	12495.638	41.09	0.15	54.0	12.91	AV	75.00	150	Vertical	Pass
6	15893.701	52.87	1.63	74.0	21.13	Peak	106.00	150	Vertical	Pass
6**	15893.701	41.64	1.63	54.0	12.36	AV	106.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1202.500	39.09	-15.29	74.0	34.91	Peak	121.00	150	Horizontal	Pass
1**	1202.500	28.08	-15.29	54.0	25.92	AV	121.00	150	Horizontal	Pass
2	1691.000	40.22	-15.40	74.0	33.78	Peak	247.00	150	Horizontal	Pass
2**	1691.000	29.00	-15.40	54.0	25.00	AV	247.00	150	Horizontal	Pass
3	4941.000	51.95	-0.52	74.0	22.05	Peak	357.00	150	Horizontal	Pass
3**	4941.000	40.81	-0.52	54.0	13.19	AV	357.00	150	Horizontal	Pass
4	5760.500	104.29	0.15	--	45.71	Peak	150.00	150	Horizontal	N/A
4**	5760.500	95.81	0.15	--	-95.81	AV	150.00	150	Horizontal	N/A
5	12536.487	51.25	-0.31	74.0	22.75	Peak	6.00	150	Horizontal	Pass
5**	12536.487	41.37	-0.31	54.0	12.63	AV	6.00	150	Horizontal	Pass
6	15765.338	52.32	1.04	74.0	21.68	Peak	104.00	150	Horizontal	Pass
6**	15765.338	41.72	1.04	54.0	12.28	AV	104.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1215.250	39.08	-15.64	74.0	34.92	Peak	104.00	150	Vertical	Pass
1**	1215.250	27.67	-15.64	54.0	26.33	AV	104.00	150	Vertical	Pass
2	1672.750	39.85	-15.38	74.0	34.15	Peak	228.00	150	Vertical	Pass
2**	1672.750	28.62	-15.38	54.0	25.38	AV	228.00	150	Vertical	Pass
3	5012.500	50.96	-0.95	74.0	23.04	Peak	222.00	150	Vertical	Pass
3**	5012.500	39.85	-0.95	54.0	14.15	AV	222.00	150	Vertical	Pass
4	5756.500	103.44	0.05	--	158.56	Peak	262.00	150	Vertical	N/A
4**	5756.500	95.31	0.05	--	-95.31	AV	262.00	150	Vertical	N/A
5	12661.175	51.78	-0.26	74.0	22.22	Peak	359.00	150	Vertical	Pass
5**	12661.175	40.93	-0.26	54.0	13.07	AV	359.00	150	Vertical	Pass
6	15896.325	52.39	1.77	74.0	21.61	Peak	34.00	150	Vertical	Pass
6**	15896.325	42.82	1.77	54.0	11.18	AV	34.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1193.750	39.47	-15.23	74.0	34.53	Peak	99.00	150	Horizontal	Pass
1**	1193.750	28.31	-15.23	54.0	25.69	AV	99.00	150	Horizontal	Pass
2	1517.500	40.07	-15.33	74.0	33.93	Peak	10.00	150	Horizontal	Pass
2**	1517.500	28.44	-15.33	54.0	25.56	AV	10.00	150	Horizontal	Pass
3	5026.000	51.06	-0.74	74.0	22.94	Peak	111.00	150	Horizontal	Pass
3**	5026.000	40.51	-0.74	54.0	13.49	AV	111.00	150	Horizontal	Pass
4	5771.000	101.13	0.44	--	48.87	Peak	150.00	150	Horizontal	N/A
4**	5771.000	92.97	0.44	--	-92.97	AV	150.00	150	Horizontal	N/A
5	12542.425	51.33	-0.19	74.0	22.67	Peak	101.00	150	Horizontal	Pass
5**	12542.425	41.06	-0.19	54.0	12.94	AV	101.00	150	Horizontal	Pass
6	15721.500	52.13	1.40	74.0	21.87	Peak	70.00	150	Horizontal	Pass
6**	15721.500	42.09	1.40	54.0	11.91	AV	70.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.750	39.59	-15.48	74.0	34.41	Peak	343.00	150	Vertical	Pass
1**	1161.750	28.16	-15.48	54.0	25.84	AV	343.00	150	Vertical	Pass
2	1696.500	39.93	-15.25	74.0	34.07	Peak	313.00	150	Vertical	Pass
2**	1696.500	28.86	-15.25	54.0	25.14	AV	313.00	150	Vertical	Pass
3	4938.500	51.33	-0.64	74.0	22.67	Peak	329.00	150	Vertical	Pass
3**	4938.500	40.34	-0.64	54.0	13.66	AV	329.00	150	Vertical	Pass
4	5777.500	100.50	0.38	--	160.50	Peak	261.00	150	Vertical	N/A
4**	5777.500	92.60	0.38	--	-92.60	AV	261.00	150	Vertical	N/A
5	12499.438	52.04	0.02	74.0	21.96	Peak	338.00	150	Vertical	Pass
5**	12499.438	41.44	0.02	54.0	12.56	AV	338.00	150	Vertical	Pass
6	15935.175	52.19	1.39	74.0	21.81	Peak	0.00	150	Vertical	Pass
6**	15935.175	42.11	1.39	54.0	11.89	AV	0.00	150	Vertical	Pass

A.7 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
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
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
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
U-NII-2C	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Low	Pass
		High	Pass
	802.11ax(HE80) (SU)	Low	Pass
		High	Pass
	802.11ax(HE160) (SU)	Middle	Pass
		Middle	Pass

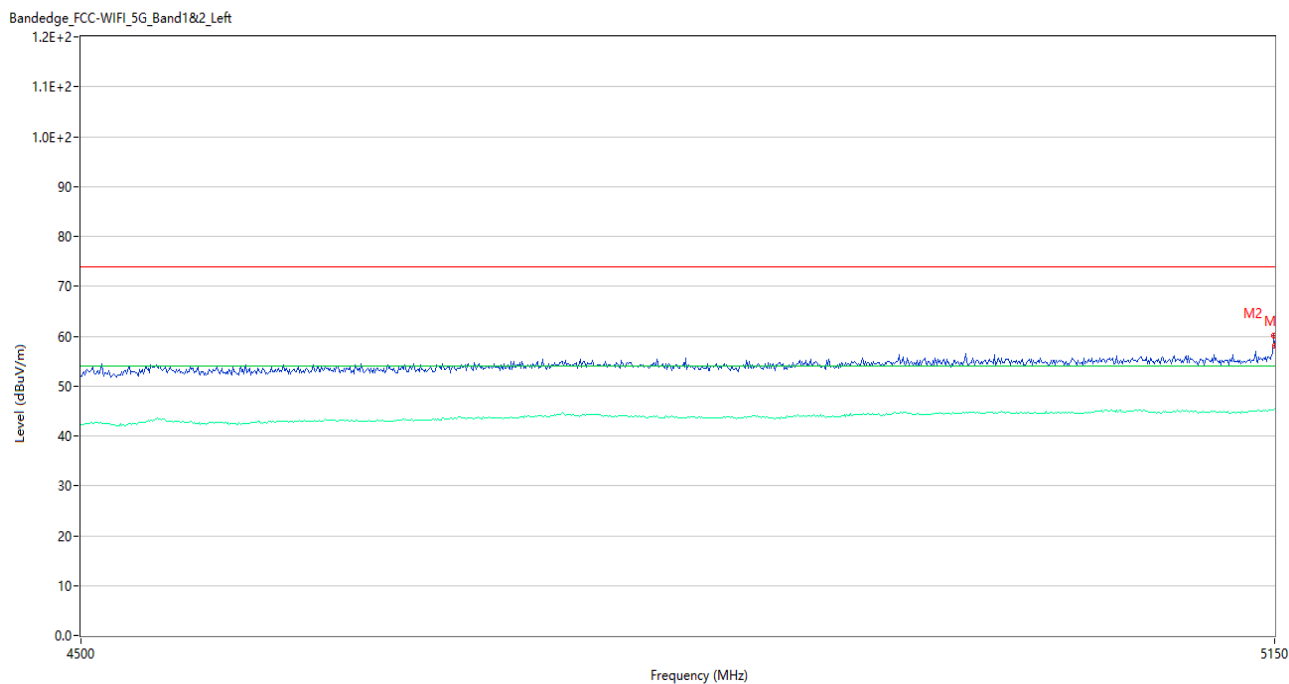
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass

Note 1: All the configurations were pre tested, only the worst configuration has been reported in this report.

Test Data and Plots

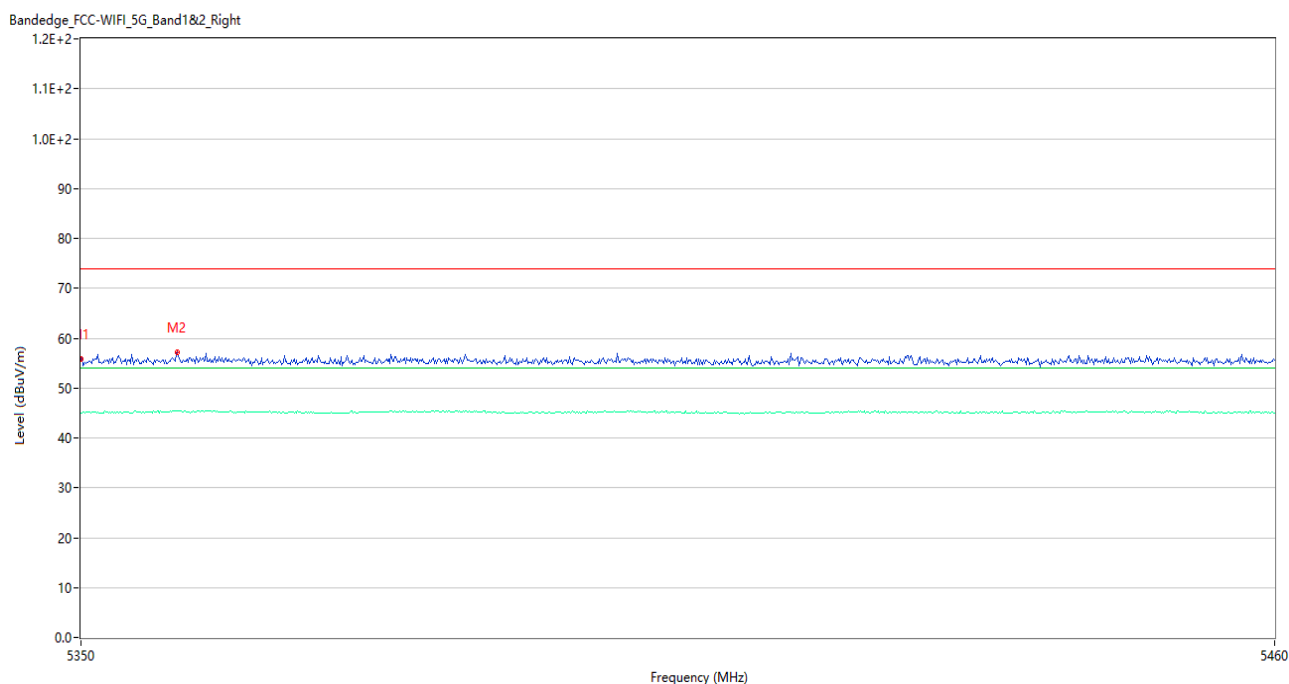
Main Antenna

U-NII-1 11a Low Channel



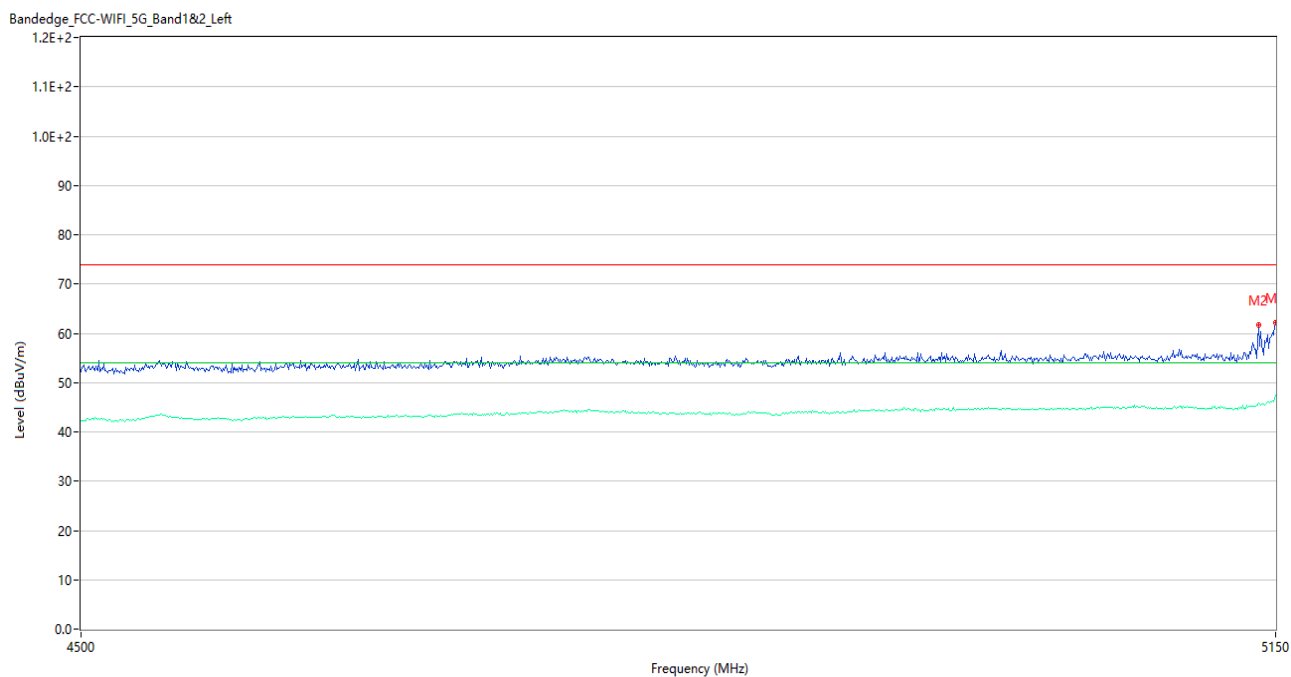
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.99	5.21	74.0	16.01	Peak	119.00	150	Horizontal	Pass
1**	5150.000	45.40	5.21	54.0	8.60	AV	119.00	150	Horizontal	Pass
2	5149.350	60.11	5.21	74.0	13.89	Peak	115.00	150	Horizontal	Pass
2**	5149.350	45.23	5.21	54.0	8.77	AV	115.00	150	Horizontal	Pass

U-NII-1 11a High Channel



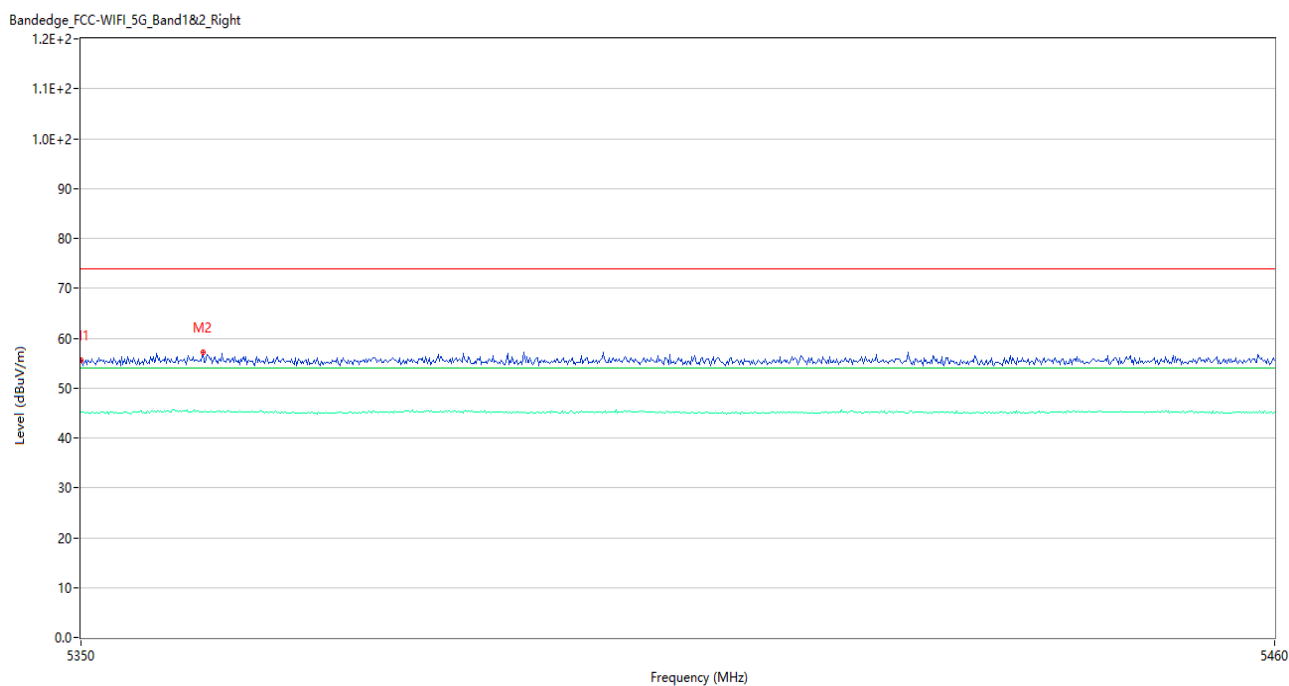
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.83	5.40	74.0	18.17	Peak	360.00	150	Horizontal	Pass
1**	5350.000	45.02	5.40	54.0	8.98	AV	360.00	150	Horizontal	Pass
2	5358.800	57.20	5.67	74.0	16.80	Peak	354.00	150	Horizontal	Pass
2**	5358.800	45.39	5.67	54.0	8.61	AV	354.00	150	Horizontal	Pass

U-NII-1 11ac20 Low Channel



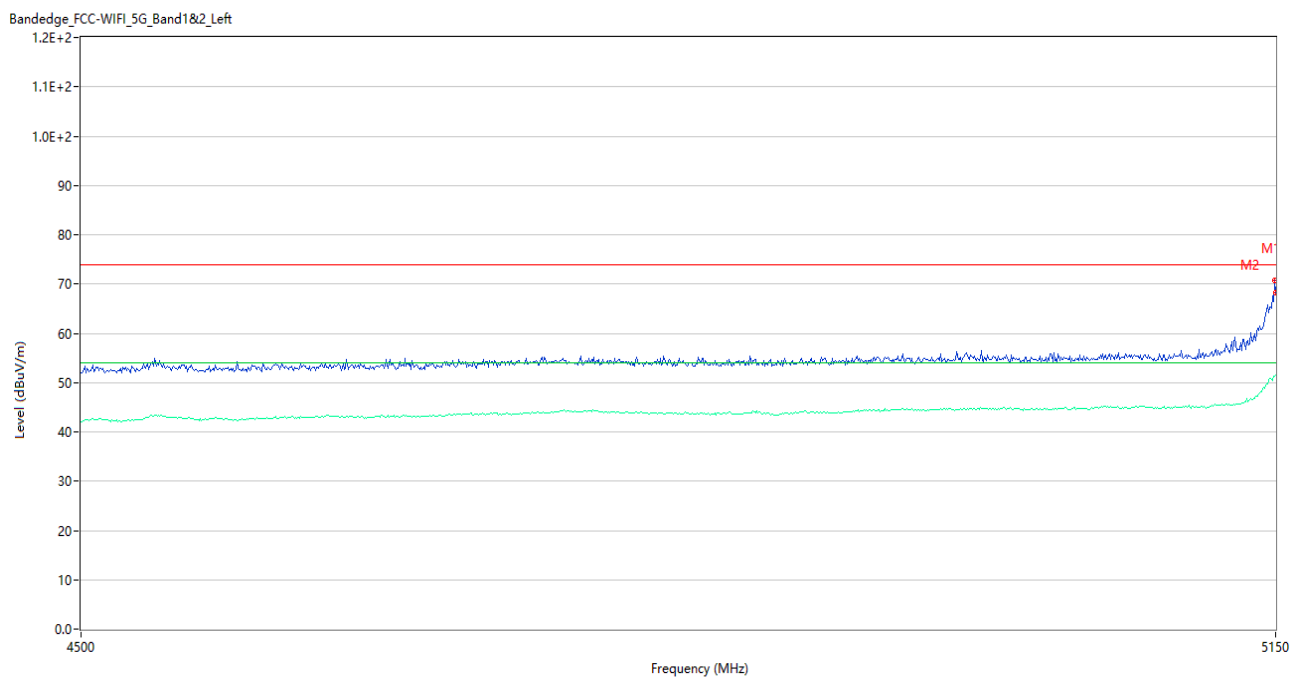
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	62.23	5.21	74.0	11.77	Peak	119.01	150	Horizontal	Pass
1**	5150.000	47.37	5.21	54.0	6.63	AV	119.01	150	Horizontal	Pass
2	5140.250	61.75	5.60	74.0	12.25	Peak	115.00	150	Horizontal	Pass
2**	5140.250	45.93	5.60	54.0	8.07	AV	115.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel



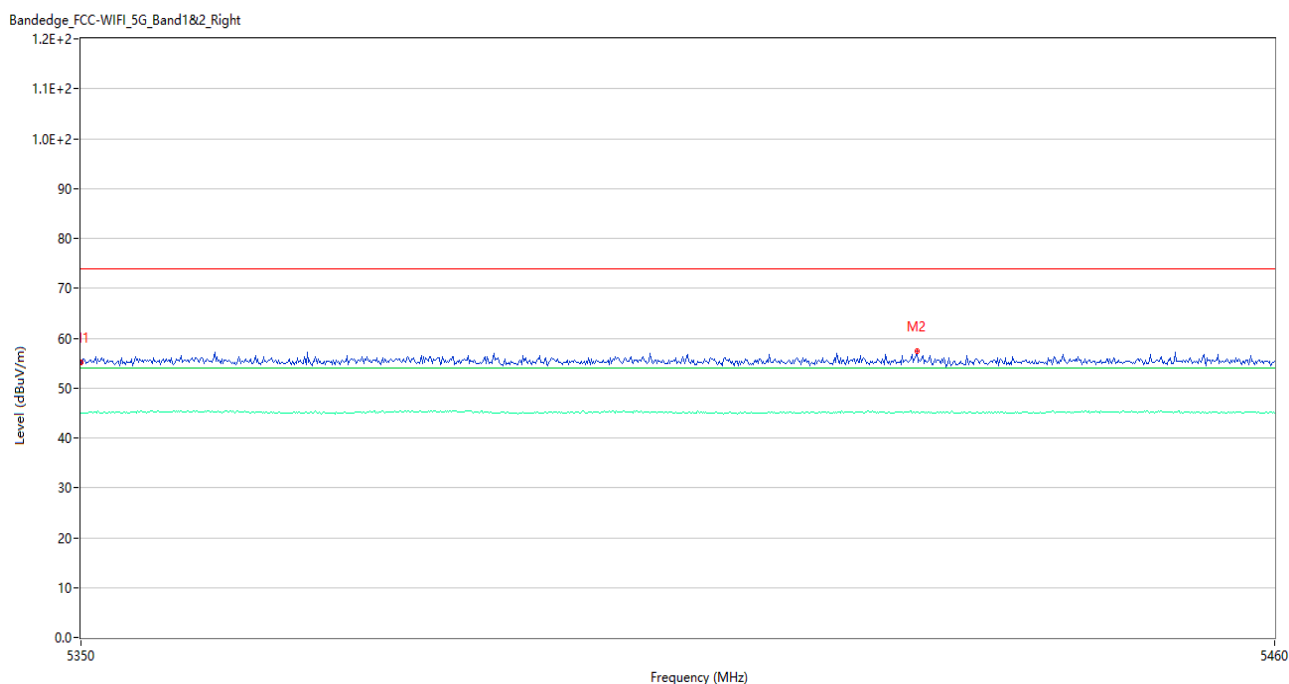
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.49	5.40	74.0	18.51	Peak	154.00	150	Horizontal	Pass
1**	5350.000	45.17	5.40	54.0	8.83	AV	154.00	150	Horizontal	Pass
2	5361.110	57.20	5.70	74.0	16.80	Peak	341.00	150	Horizontal	Pass
2**	5361.110	45.25	5.70	54.0	8.75	AV	341.00	150	Horizontal	Pass

U-NII-1 11ac40 Low Channel



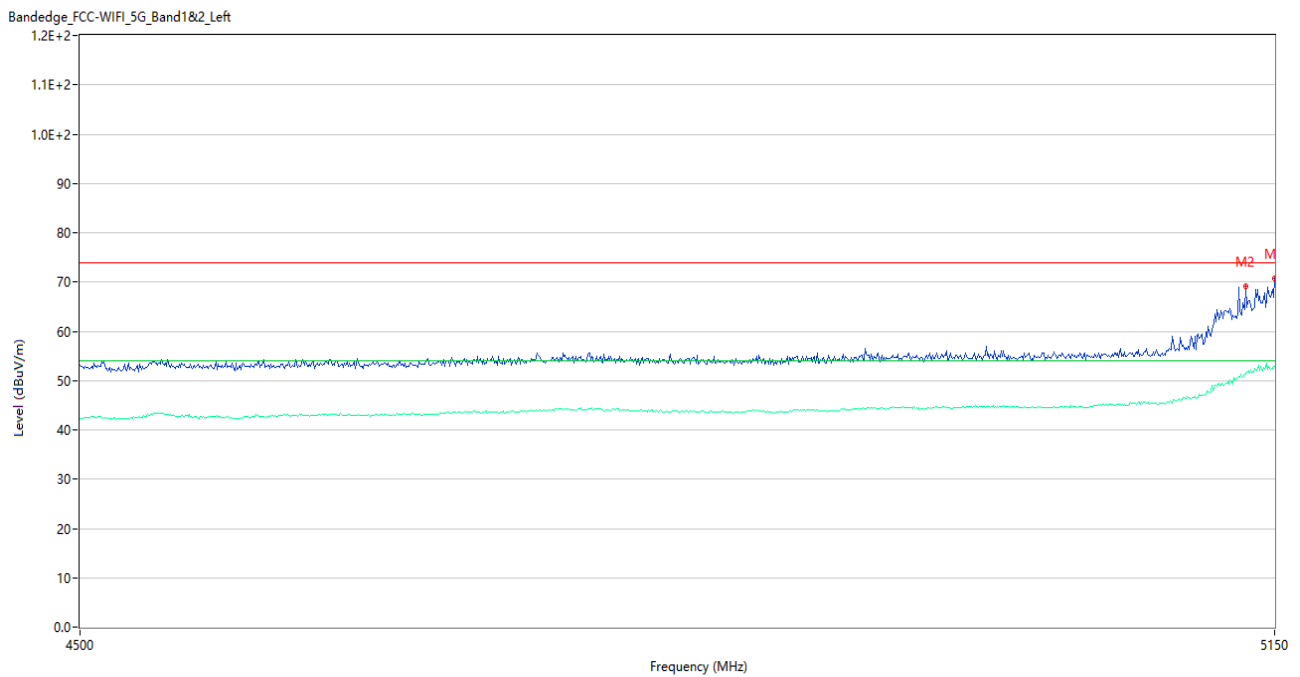
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	66.03	5.21	74.0	7.97	Peak	211.00	150	Horizontal	Pass
1**	5150.000	51.90	5.21	54.0	2.10	AV	211.00	150	Horizontal	Pass
2	5148.700	67.75	5.23	74.0	6.25	Peak	120.00	150	Horizontal	Pass
2**	5148.700	50.88	5.23	54.0	3.12	AV	120.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel



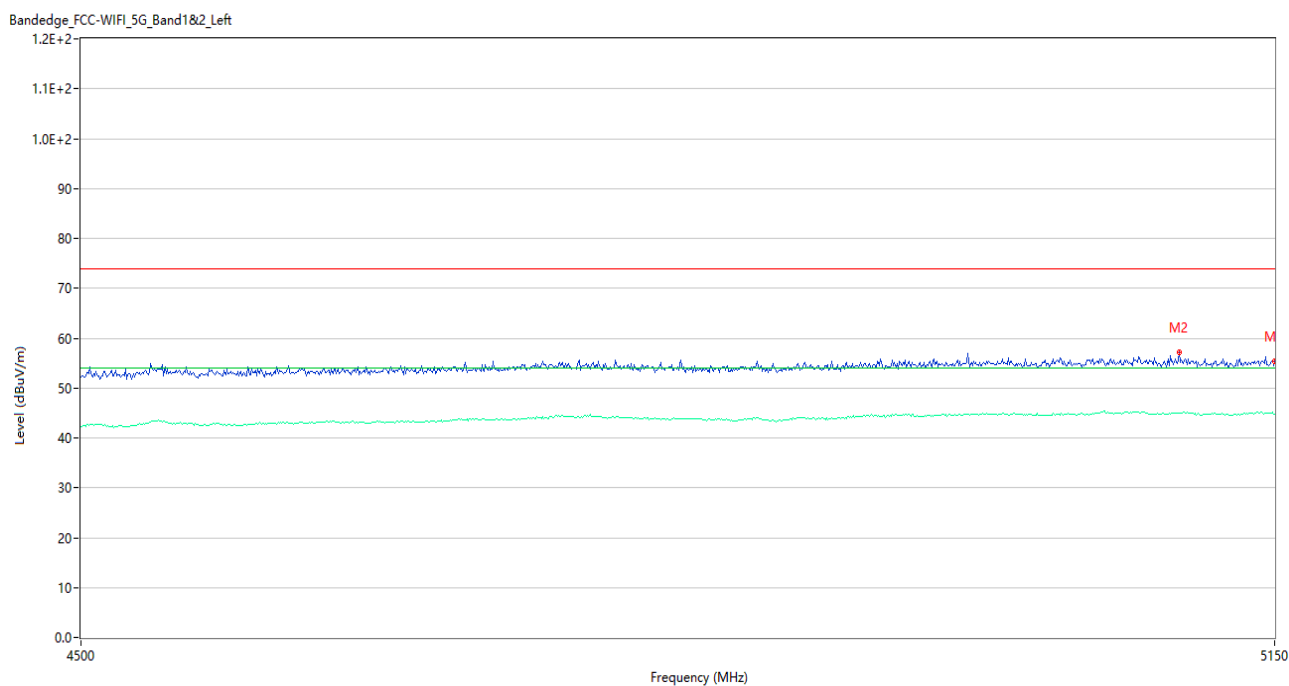
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.24	5.40	74.0	18.76	Peak	360.00	150	Horizontal	Pass
1**	5350.000	44.98	5.40	54.0	9.02	AV	360.00	150	Horizontal	Pass
2	5426.780	57.38	5.29	74.0	16.62	Peak	355.00	150	Horizontal	Pass
2**	5426.780	45.11	5.29	54.0	8.89	AV	355.00	150	Horizontal	Pass

U-NII-1 11ac80 Low Channel



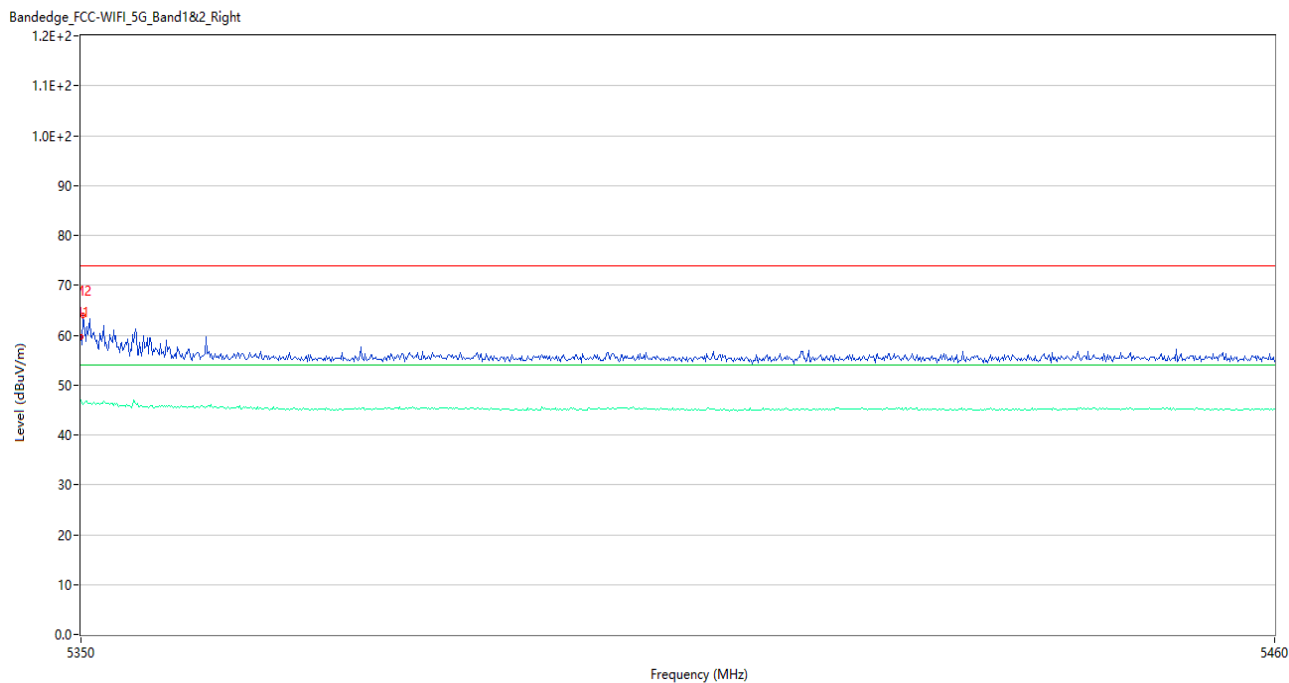
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	70.81	5.21	74.0	3.19	Peak	182.00	150	Horizontal	Pass
1**	5150.000	52.84	5.21	54.0	1.16	AV	182.00	150	Horizontal	Pass
2	5133.100	69.12	5.34	74.0	4.88	Peak	204.00	150	Horizontal	Pass
2**	5133.100	51.36	5.34	54.0	2.64	AV	204.00	150	Horizontal	Pass

U-NII-2A 11a Low Channel



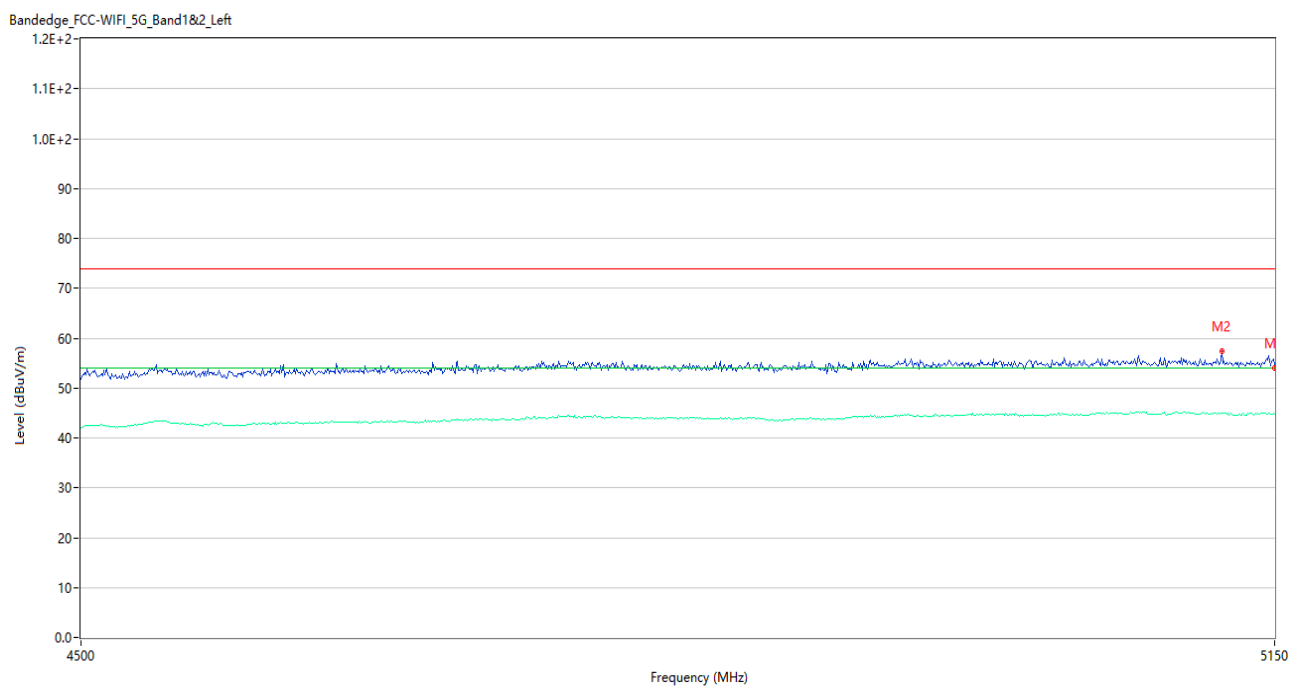
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	55.37	5.21	74.0	18.63	Peak	356.94	150	Horizontal	Pass
1**	5150.000	44.80	5.21	54.0	9.20	AV	356.94	150	Horizontal	Pass
2	5094.750	57.25	5.24	74.0	16.75	Peak	265.00	150	Horizontal	Pass
2**	5094.750	45.03	5.24	54.0	8.97	AV	265.00	150	Horizontal	Pass

U-NII-2A 11a High Channel



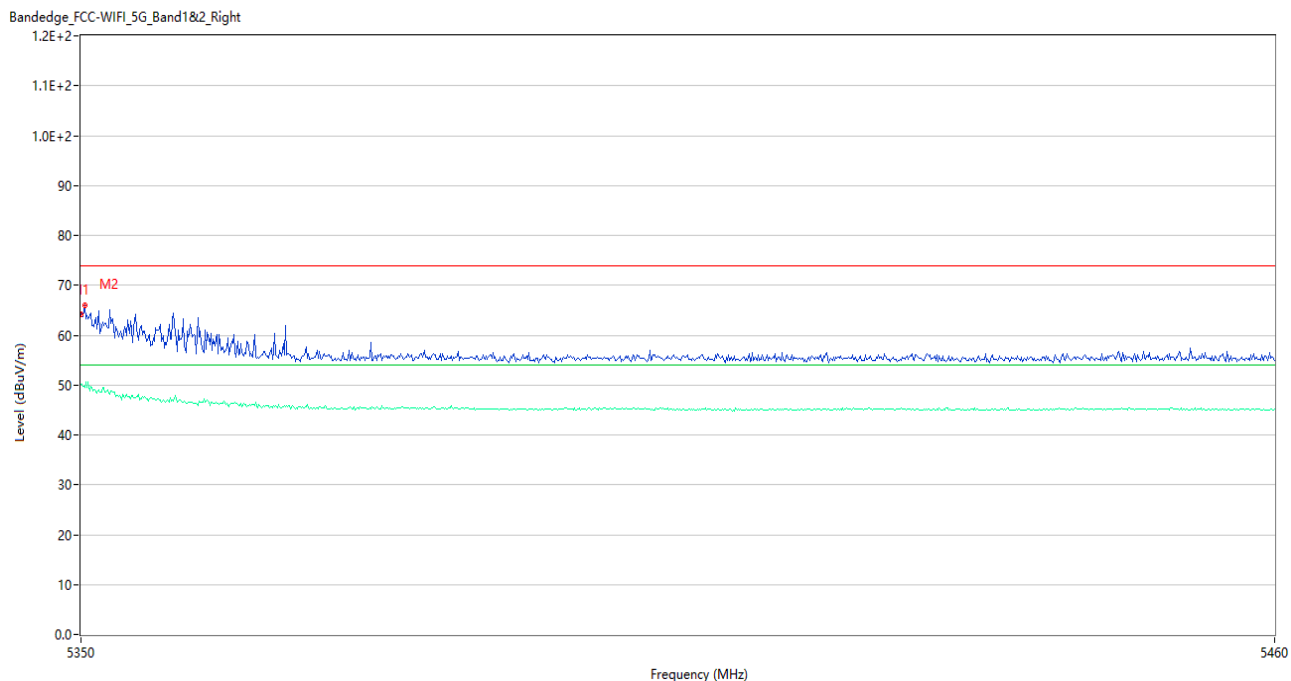
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.73	5.40	74.0	14.27	Peak	185.00	150	Horizontal	Pass
1**	5350.000	46.99	5.40	54.0	7.01	AV	185.00	150	Horizontal	Pass
2	5350.220	63.86	5.41	74.0	10.14	Peak	132.00	150	Horizontal	Pass
2**	5350.220	46.11	5.41	54.0	7.89	AV	132.00	150	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



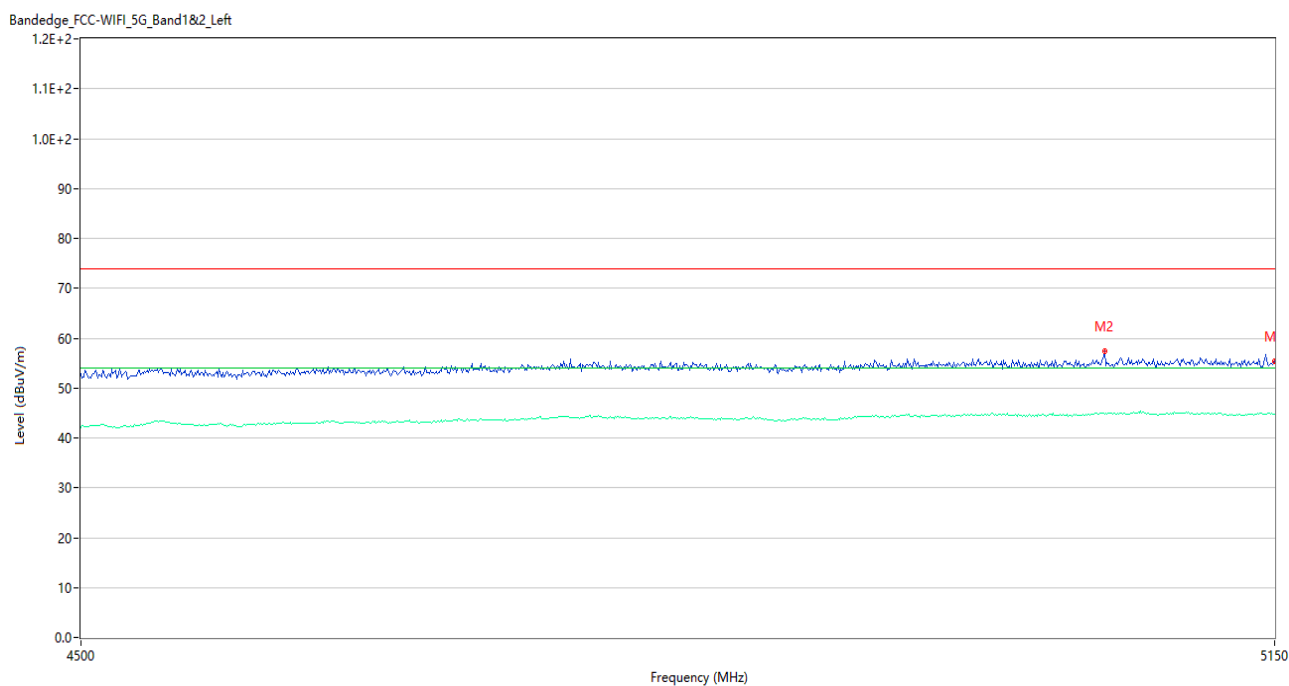
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	54.74	5.21	74.0	19.26	Peak	228.99	150	Vertical	Pass
1**	5150.000	44.76	5.21	54.0	9.24	AV	228.99	150	Vertical	Pass
2	5119.450	57.29	5.16	74.0	16.71	Peak	193.00	150	Vertical	Pass
2**	5119.450	44.86	5.16	54.0	9.14	AV	193.00	150	Vertical	Pass

U-NII-2A 11ac20 High Channel



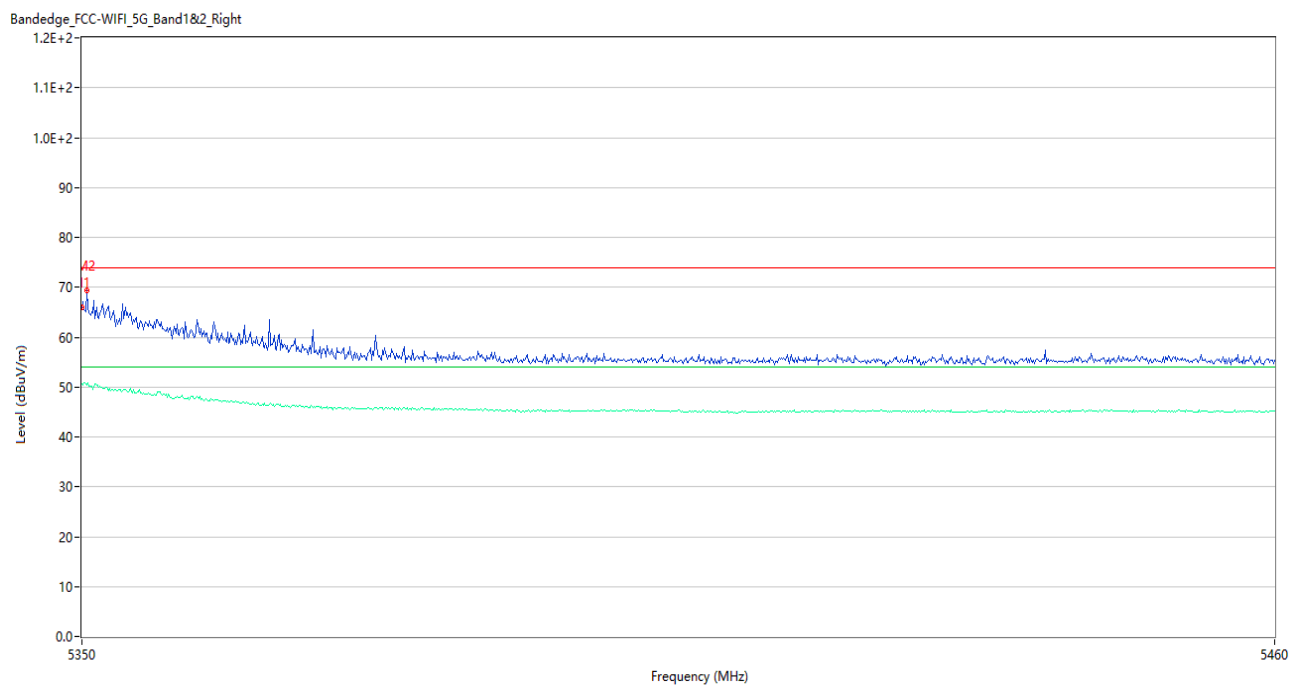
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.10	5.40	74.0	9.90	Peak	129.00	150	Horizontal	Pass
1**	5350.000	50.12	5.40	54.0	3.88	AV	129.00	150	Horizontal	Pass
2	5350.330	65.98	5.41	74.0	8.02	Peak	131.00	150	Horizontal	Pass
2**	5350.330	49.51	5.41	54.0	4.49	AV	131.00	150	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



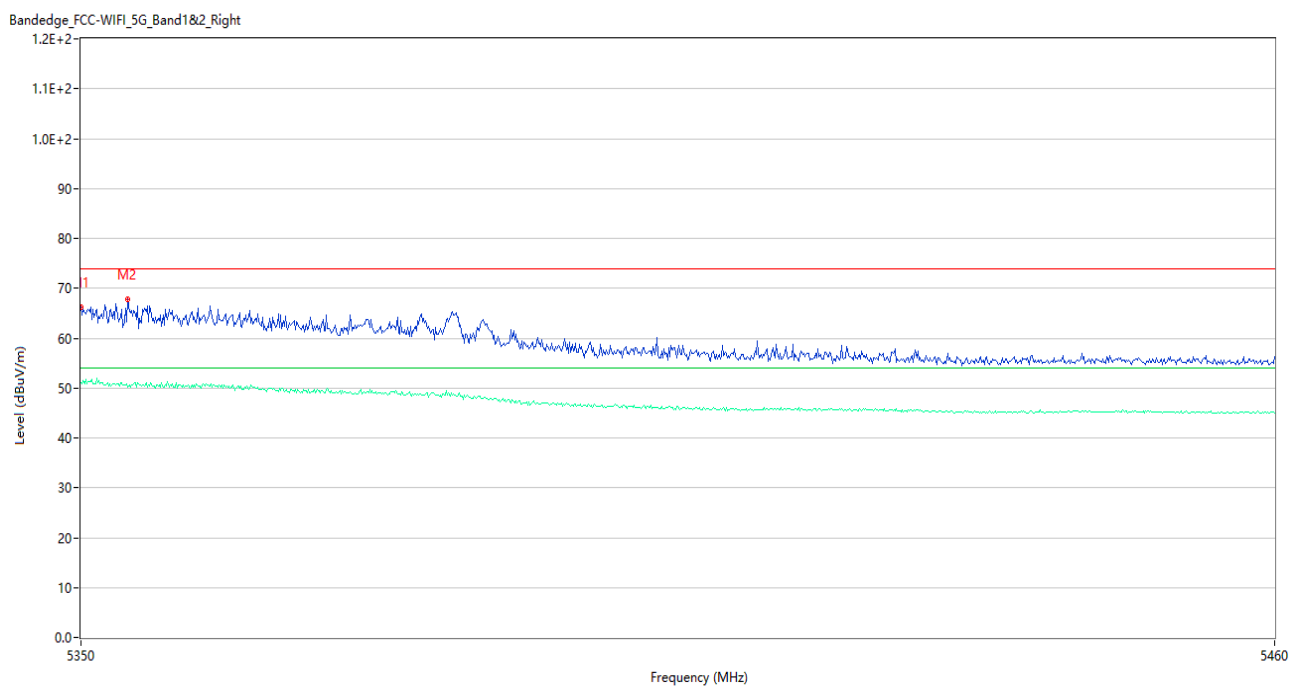
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	55.40	5.21	74.0	18.60	Peak	195.98	150	Vertical	Pass
1**	5150.000	44.77	5.21	54.0	9.23	AV	195.98	150	Vertical	Pass
2	5051.850	57.43	5.15	74.0	16.57	Peak	105.00	150	Vertical	Pass
2**	5051.850	44.82	5.15	54.0	9.18	AV	105.00	150	Vertical	Pass

U-NII-2A 11ac40 High Channel



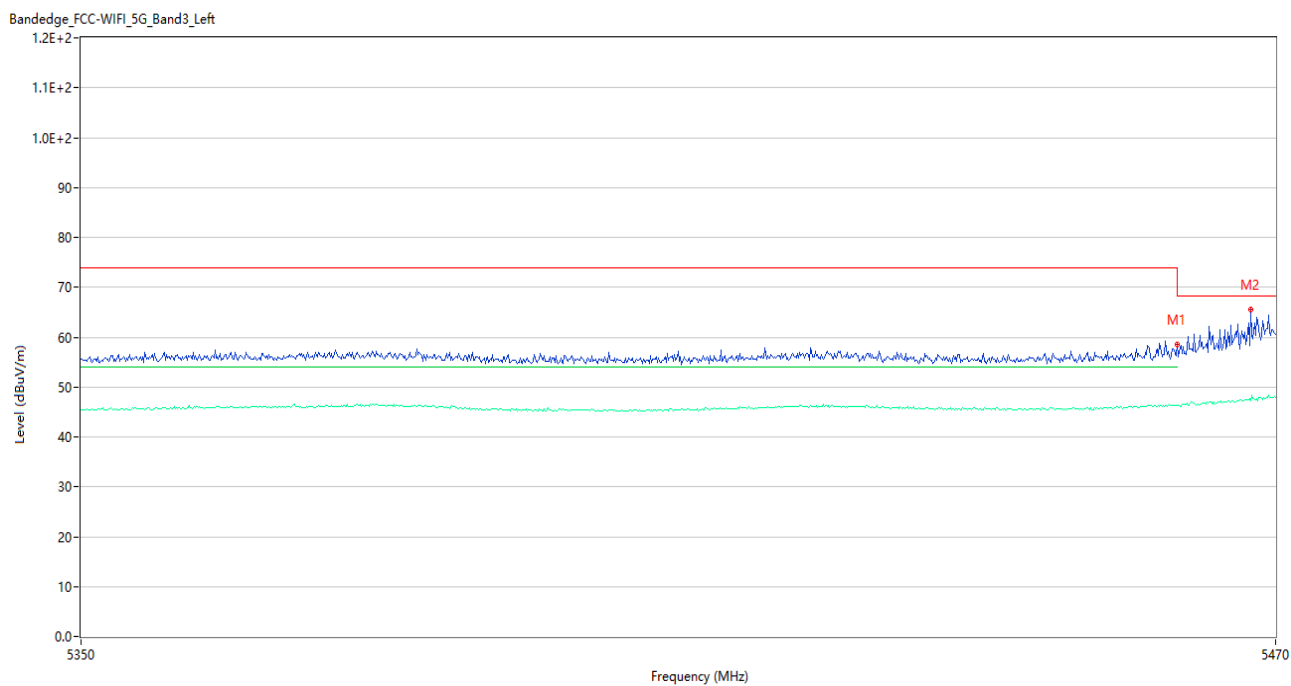
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	66.04	5.40	74.0	7.96	Peak	172.00	150	Vertical	Pass
1**	5350.000	50.58	5.40	54.0	3.42	AV	172.00	150	Vertical	Pass
2	5350.440	69.43	5.41	74.0	4.57	Peak	53.00	150	Vertical	Pass
2**	5350.440	50.31	5.41	54.0	3.69	AV	53.00	150	Vertical	Pass

U-NII-2A 11ac80 Middle Channel



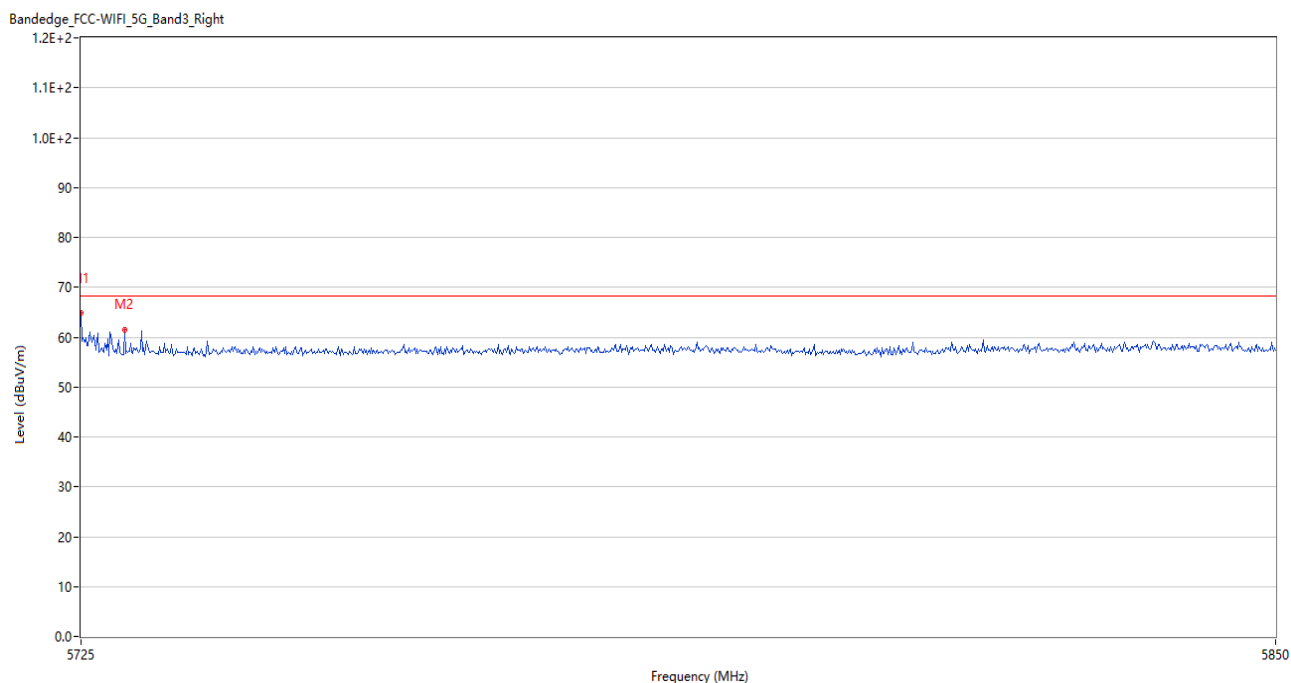
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	66.19	5.40	74.0	7.81	Peak	63.00	150	Vertical	Pass
1**	5350.000	51.05	5.40	54.0	2.95	AV	63.00	150	Vertical	Pass
2	5354.290	67.82	5.51	74.0	6.18	Peak	63.00	150	Vertical	Pass
2**	5354.290	50.27	5.51	54.0	3.73	AV	63.00	150	Vertical	Pass

U-NII-2C 11a Low Channel



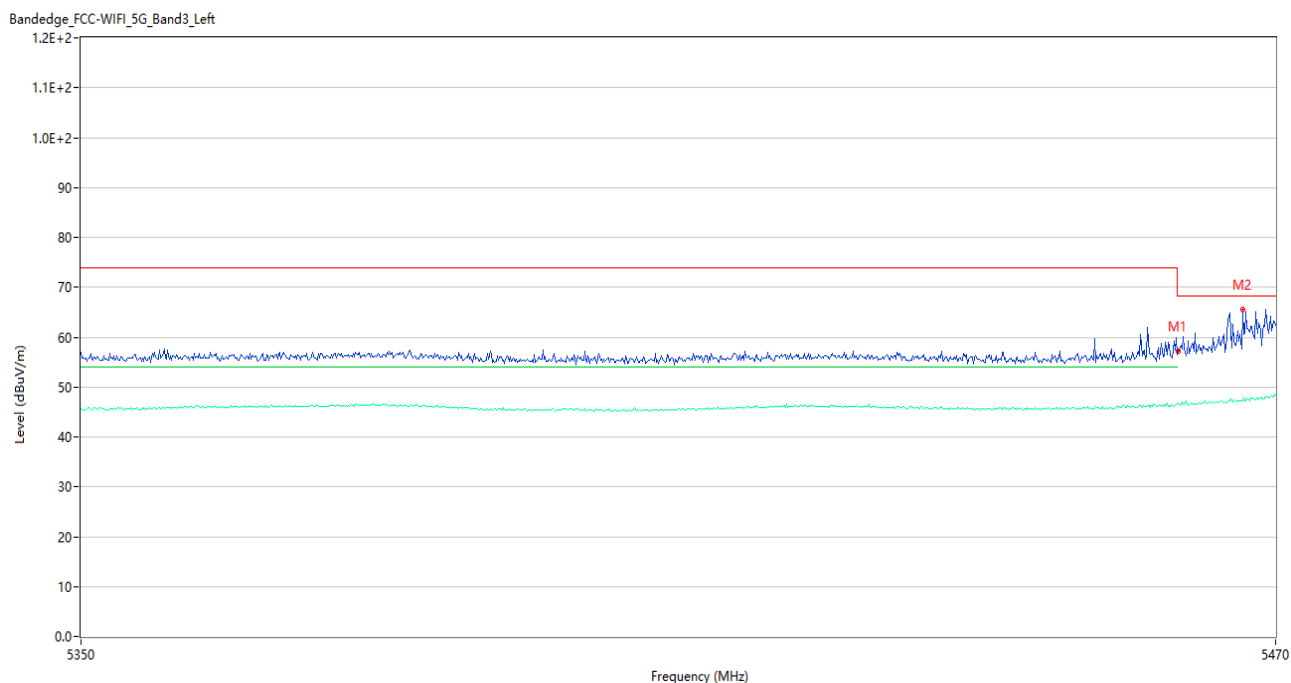
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	57.79	5.38	68.2	10.41	Peak	262.06	150	Horizontal	Pass
1**	5460.000	46.29	5.38	54.0	7.71	AV	262.06	150	Horizontal	Pass
2	5467.480	65.50	5.68	68.2	2.70	Peak	243.00	150	Horizontal	Pass
2**	5467.480	47.30	5.68	--	-47.30	AV	243.00	150	Horizontal	N/A

U-NII-2C 11a High Channel



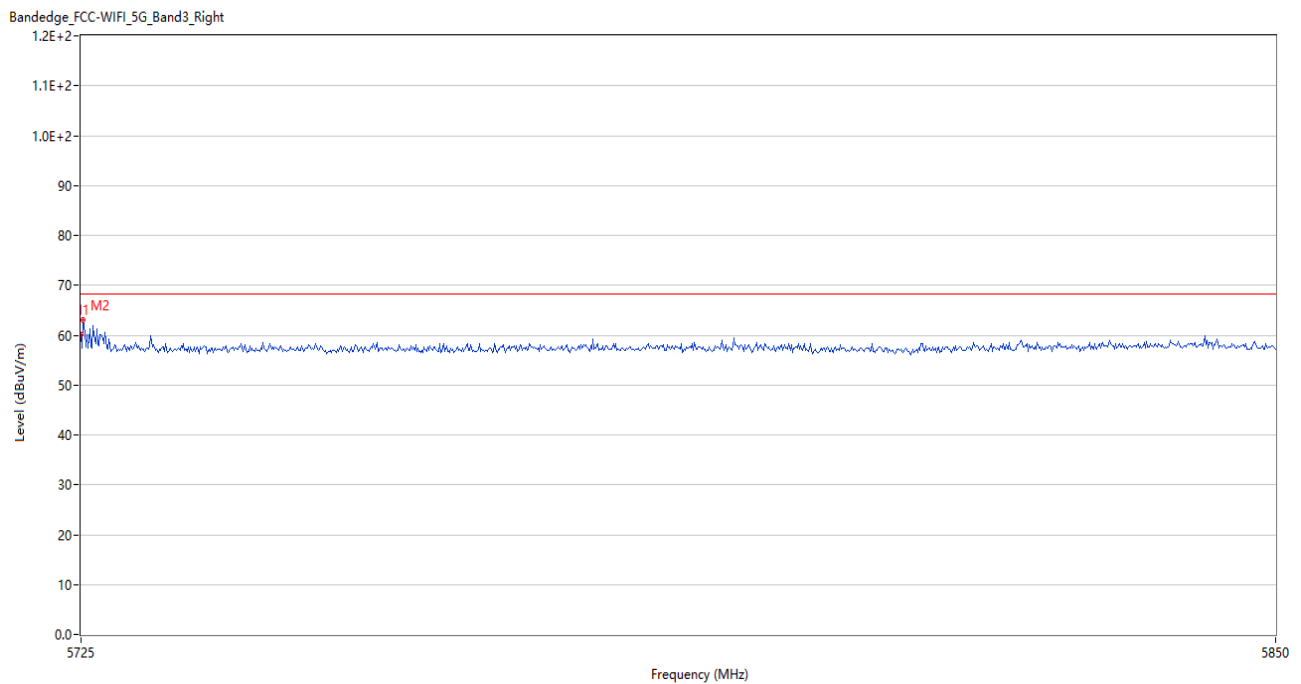
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	64.94	6.57	68.2	3.26	Peak	243.00	150	Horizontal	Pass
2	5729.500	61.37	6.40	68.2	6.83	Peak	253.00	150	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



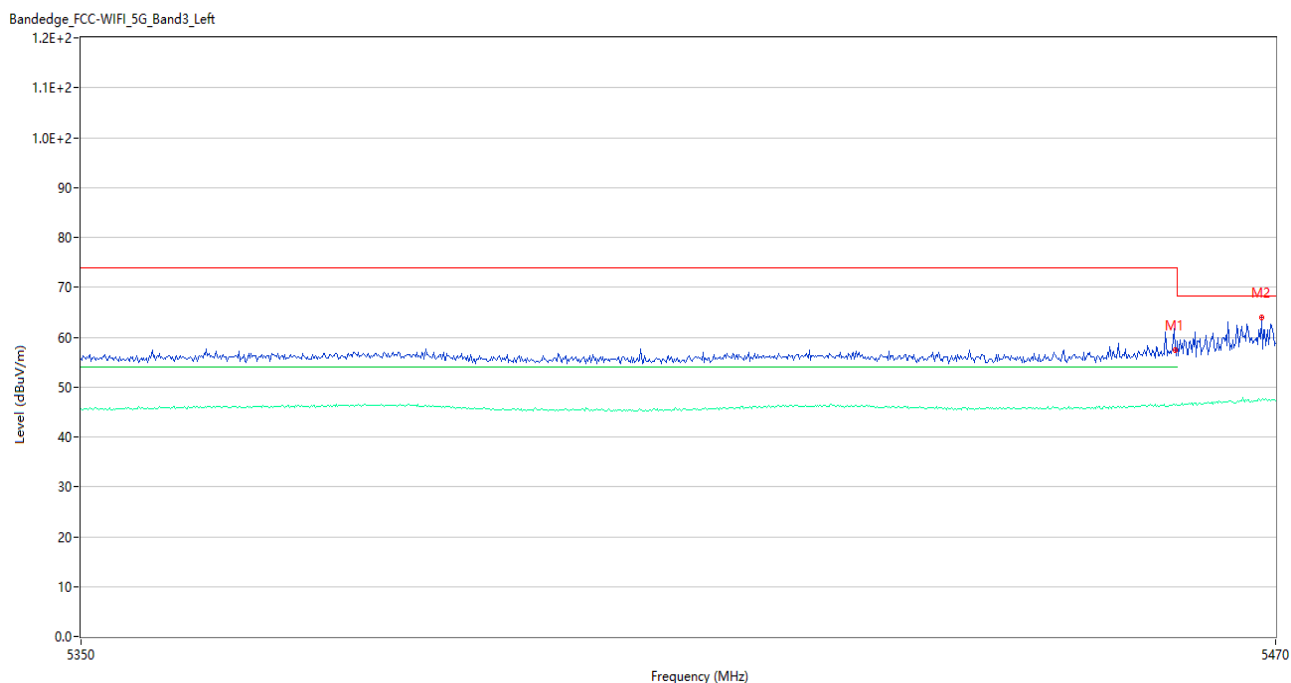
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	57.45	5.38	68.2	10.75	Peak	253.36	150	Horizontal	Pass
1**	5460.000	46.68	5.38	54.0	7.32	AV	253.36	150	Horizontal	Pass
2	5466.640	65.59	5.63	68.2	2.61	Peak	259.00	150	Horizontal	Pass
2**	5466.640	47.30	5.63	--	-47.30	AV	259.00	150	Horizontal	N/A

U-NII-2C 11ac20 High Channel



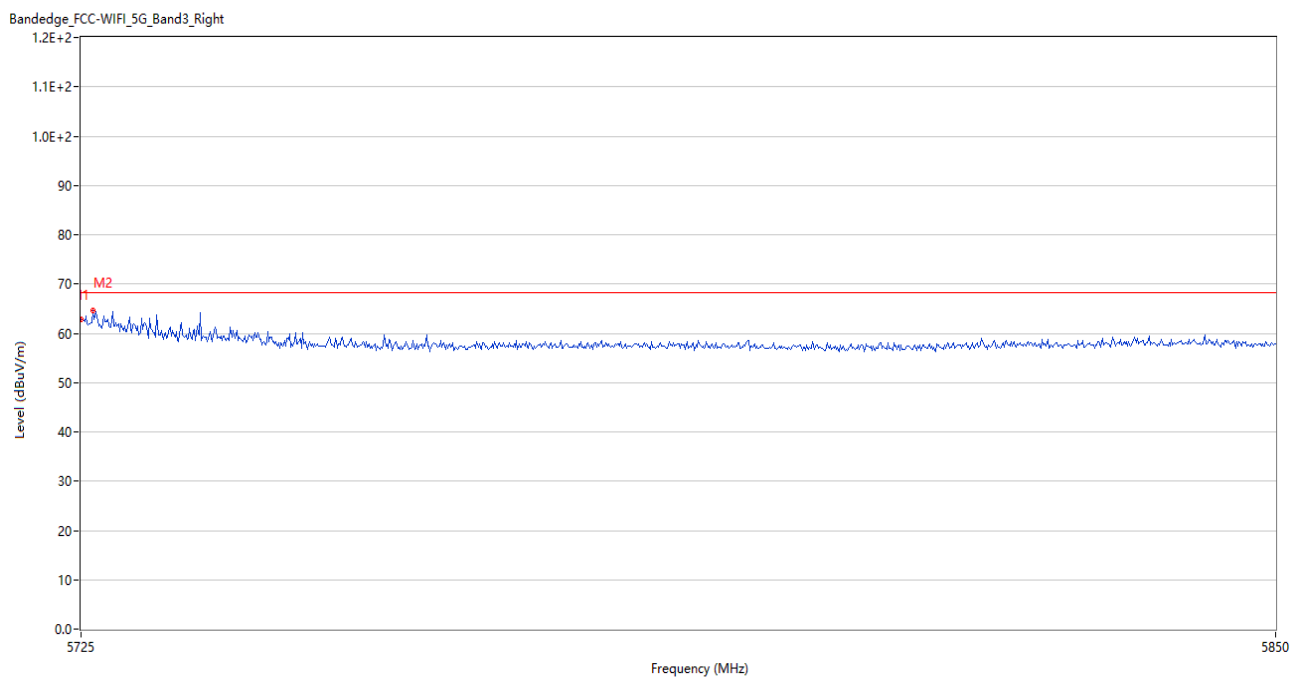
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	60.00	6.57	68.2	8.20	Peak	248.00	150	Horizontal	Pass
2	5725.250	62.95	6.56	68.2	5.25	Peak	263.00	150	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



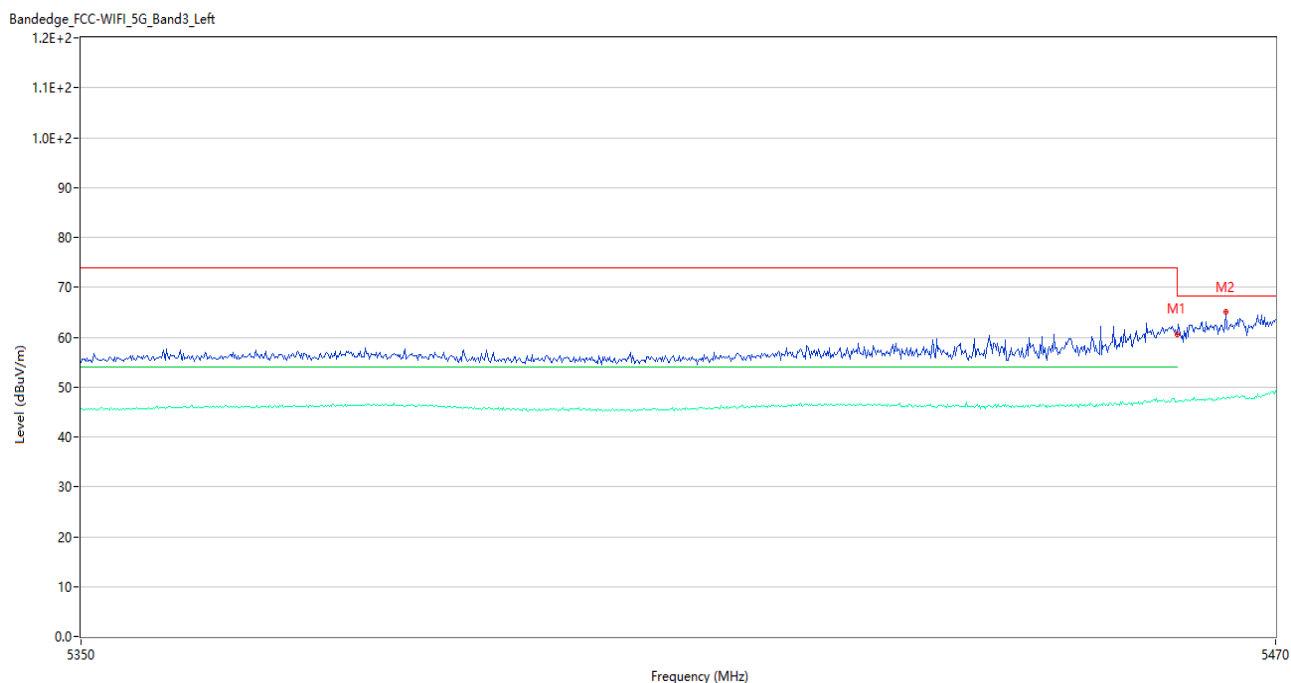
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	58.16	5.38	68.2	10.04	Peak	233.00	150	Horizontal	Pass
1**	5460.000	46.46	5.38	54.0	7.54	AV	233.00	150	Horizontal	Pass
2	5468.560	63.87	5.77	68.2	4.33	Peak	252.00	150	Horizontal	Pass
2**	5468.560	47.46	5.77	--	-47.46	AV	252.00	150	Horizontal	N/A

U-NII-2C 11ac40 High Channel



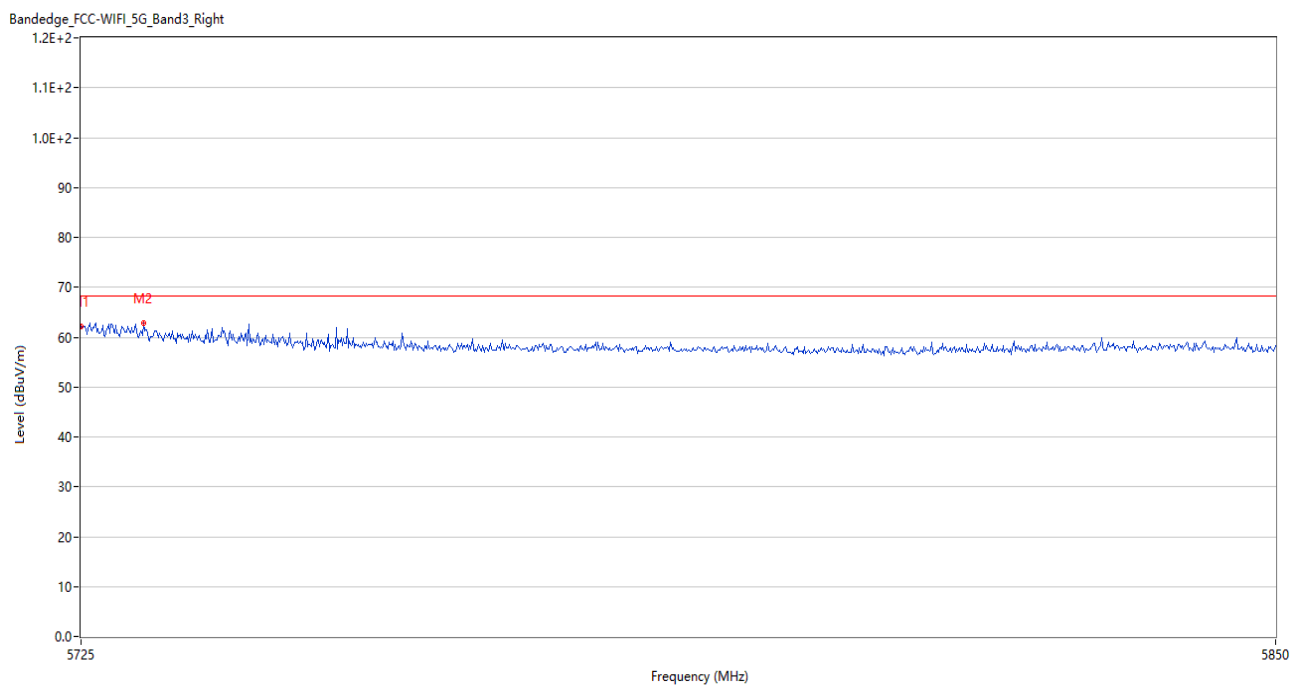
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.76	6.57	68.2	5.44	Peak	249.00	150	Horizontal	Pass
2	5726.250	64.66	6.54	68.2	3.54	Peak	266.00	150	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



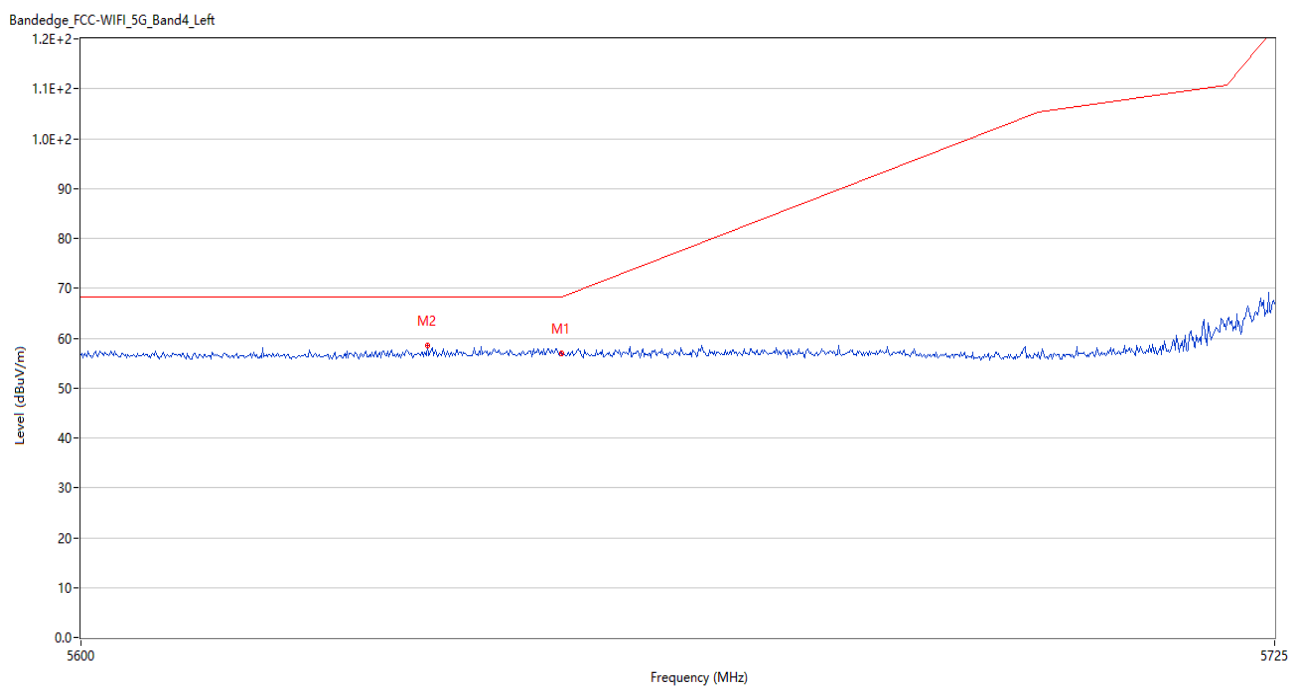
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	60.67	5.38	68.2	7.53	Peak	244.01	150	Horizontal	Pass
1**	5460.000	46.94	5.38	54.0	7.06	AV	244.01	150	Horizontal	Pass
2	5464.960	64.97	5.59	68.2	3.23	Peak	255.00	150	Horizontal	Pass
2**	5464.960	47.72	5.59	--	-47.72	AV	255.00	150	Horizontal	N/A

U-NII-2C 11ac80 High Channel



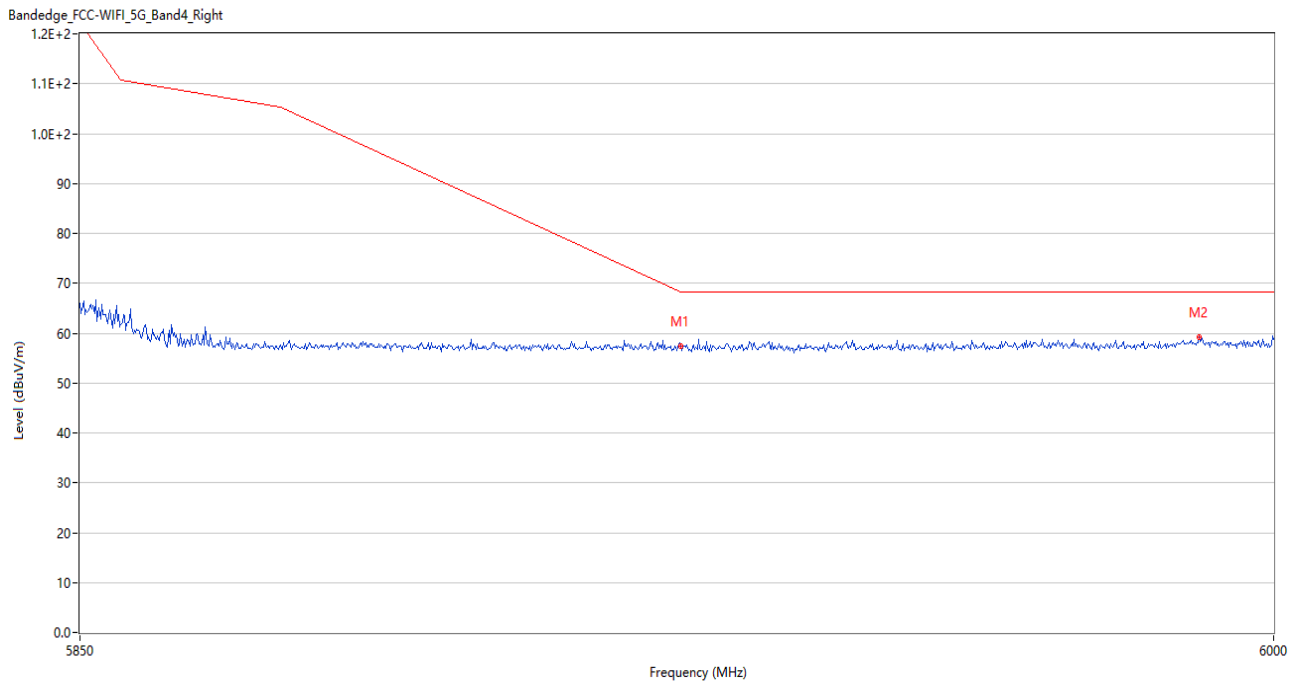
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.08	6.57	68.2	6.12	Peak	248.00	150	Horizontal	Pass
2	5731.500	62.79	6.34	68.2	5.41	Peak	257.00	150	Horizontal	Pass

U-NII-3 11a Low Channel



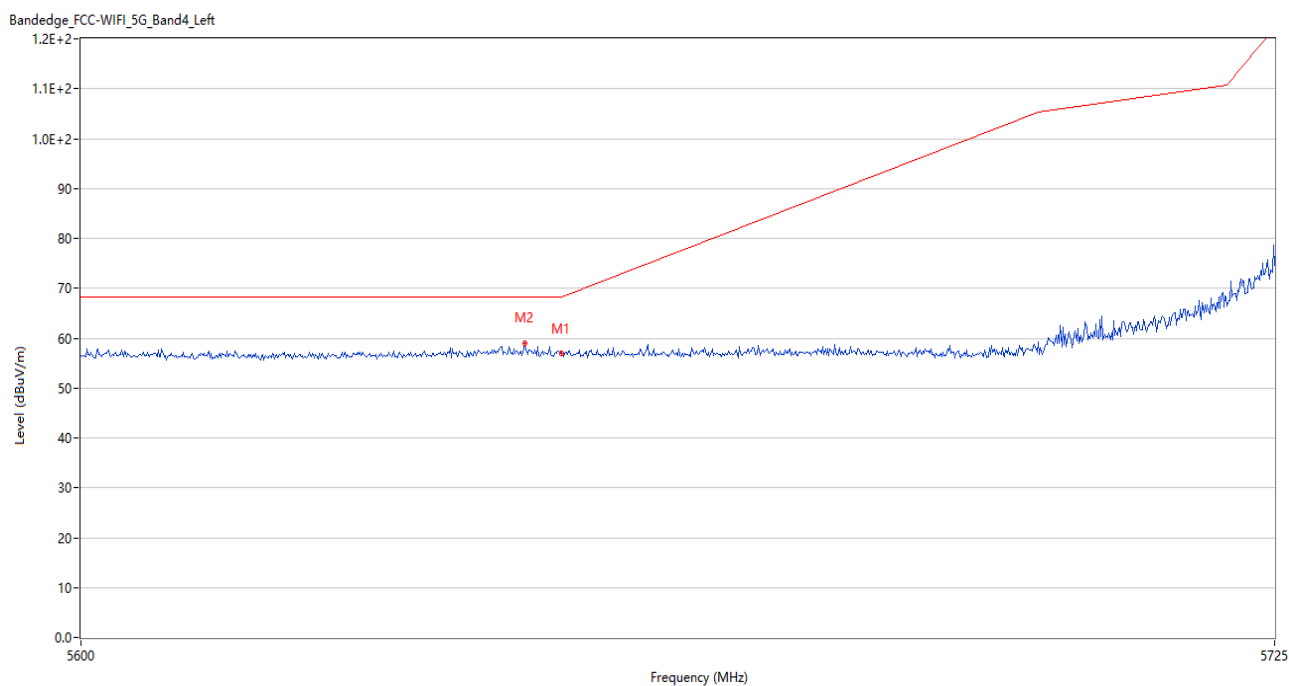
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	56.86	5.94	68.2	11.34	Peak	0.23	150	Horizontal	Pass
2	5636.000	58.48	5.87	68.2	9.72	Peak	130.00	150	Horizontal	Pass

U-NII-3 11a High Channel



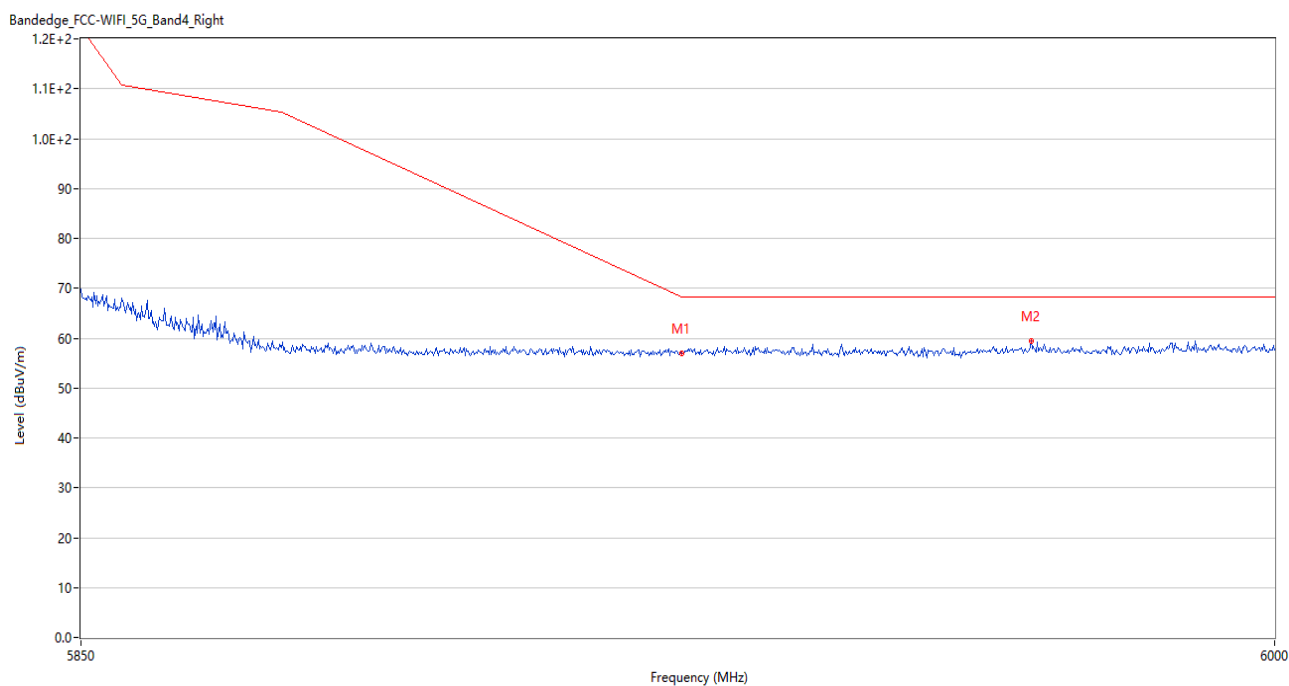
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.99	7.83	68.2	11.21	Peak	122.84	150	Vertical	Pass
2	5990.550	59.29	7.96	68.2	8.91	Peak	234.00	150	Vertical	Pass

U-NII-3 11ac20 Low Channel



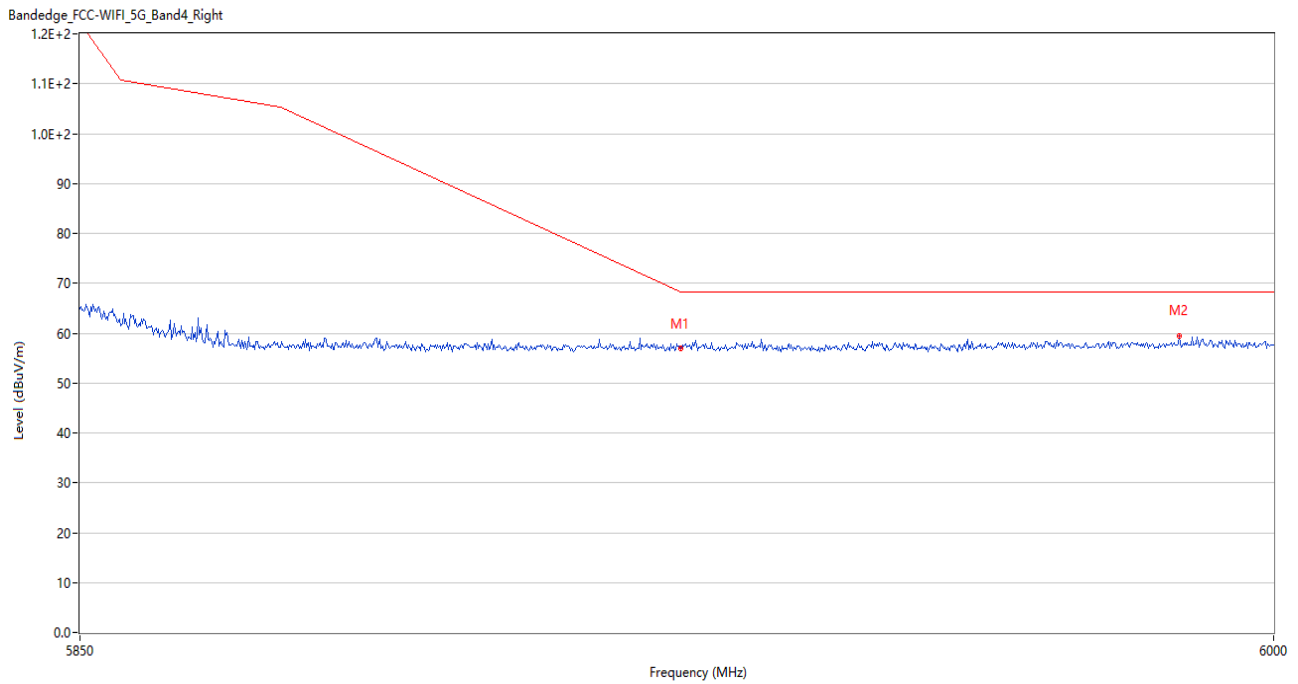
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	56.88	5.94	68.2	11.32	Peak	255.03	150	Vertical	Pass
2	5646.125	59.06	5.99	68.2	9.14	Peak	5.00	150	Vertical	Pass

U-NII-3 11ac20 High Channel



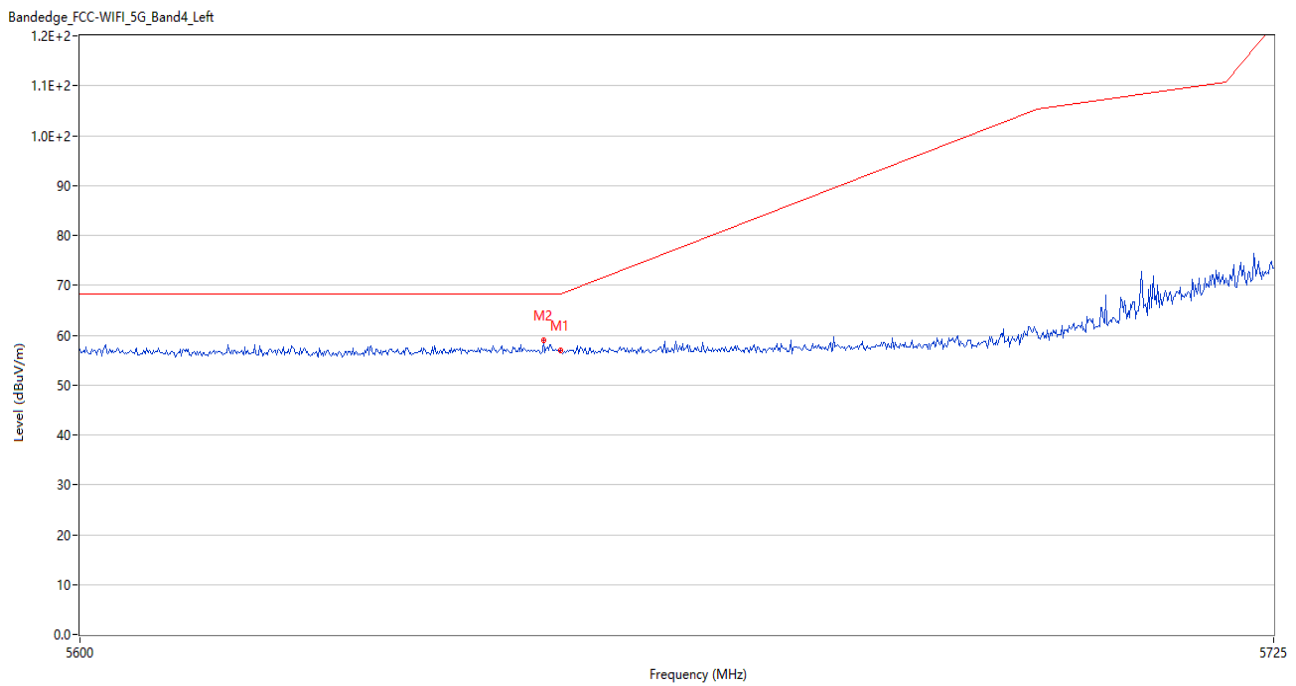
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.89	7.83	68.2	11.31	Peak	212.90	150	Vertical	Pass
2	5969.100	59.38	7.58	68.2	8.82	Peak	235.00	150	Vertical	Pass

U-NII-3 11ac40 Low Channel



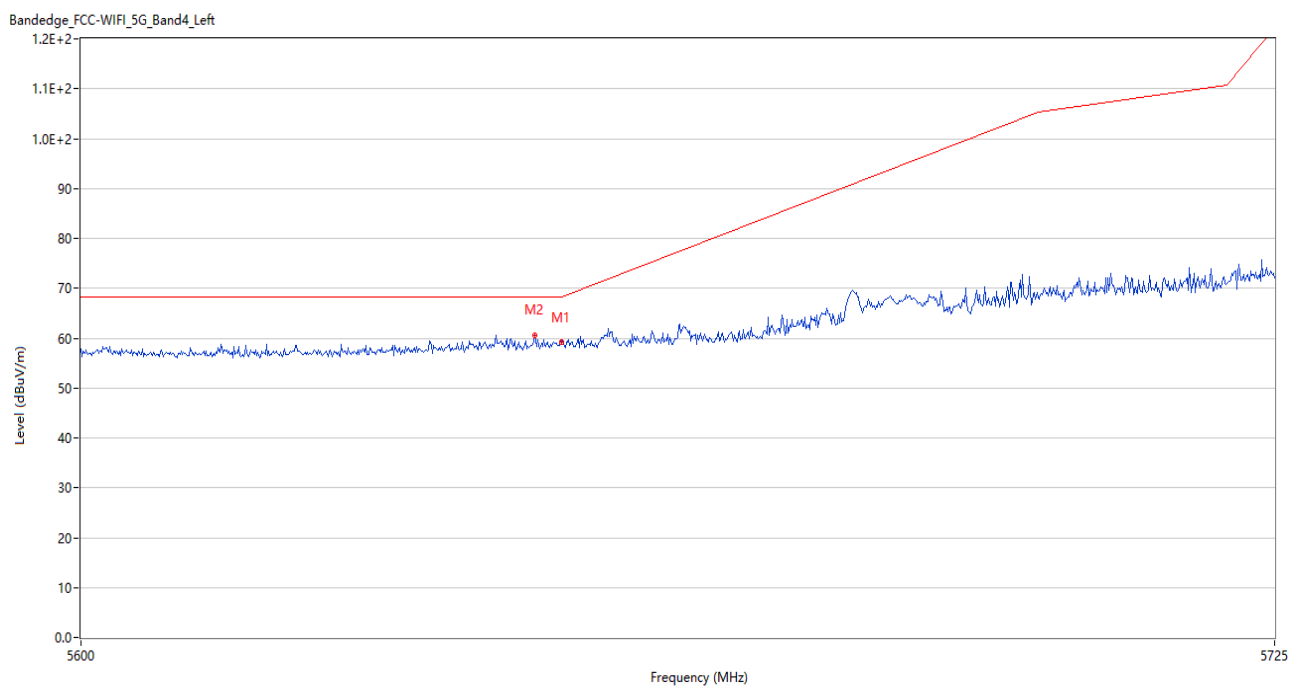
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.85	7.83	68.2	11.35	Peak	327.86	150	Horizontal	Pass
2	5988.000	59.43	7.79	68.2	8.77	Peak	22.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	56.93	5.94	68.2	11.27	Peak	12.18	150	Vertical	Pass
2	5648.250	59.00	5.95	68.2	9.20	Peak	16.00	150	Vertical	Pass

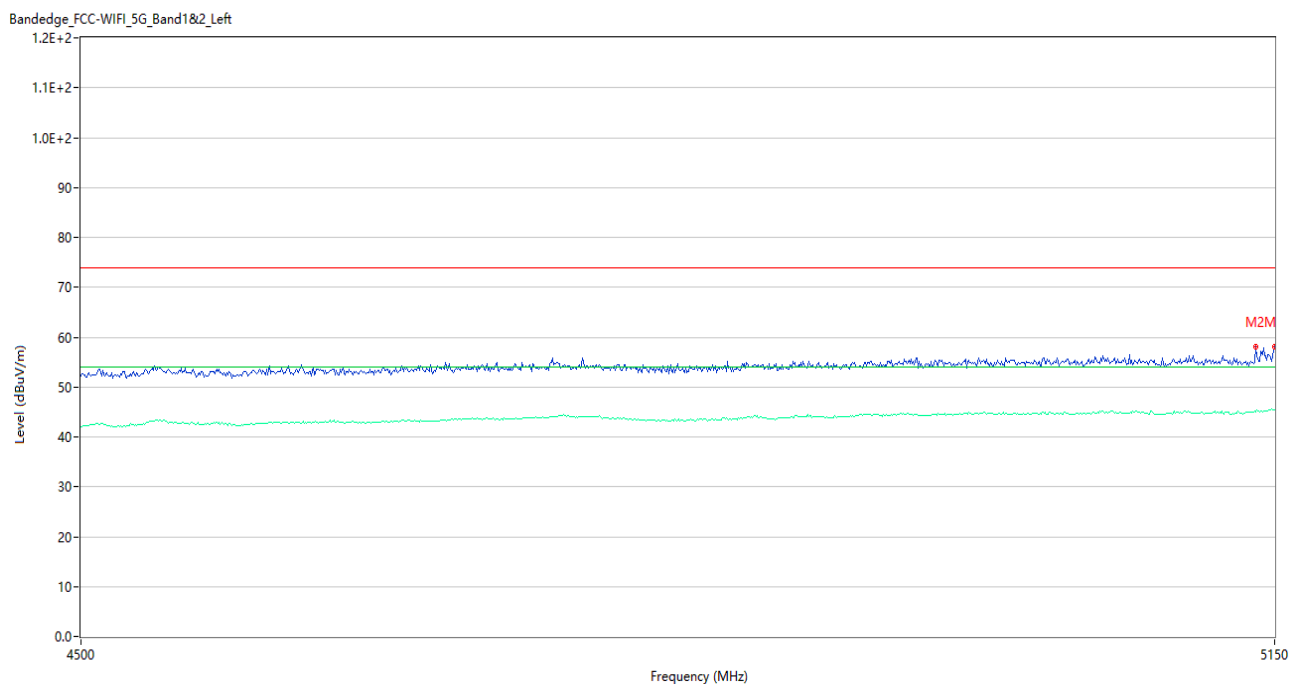
U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	59.22	5.94	68.2	8.98	Peak	77.00	150	Vertical	Pass
2	5647.250	60.57	5.95	68.2	7.63	Peak	60.00	150	Vertical	Pass

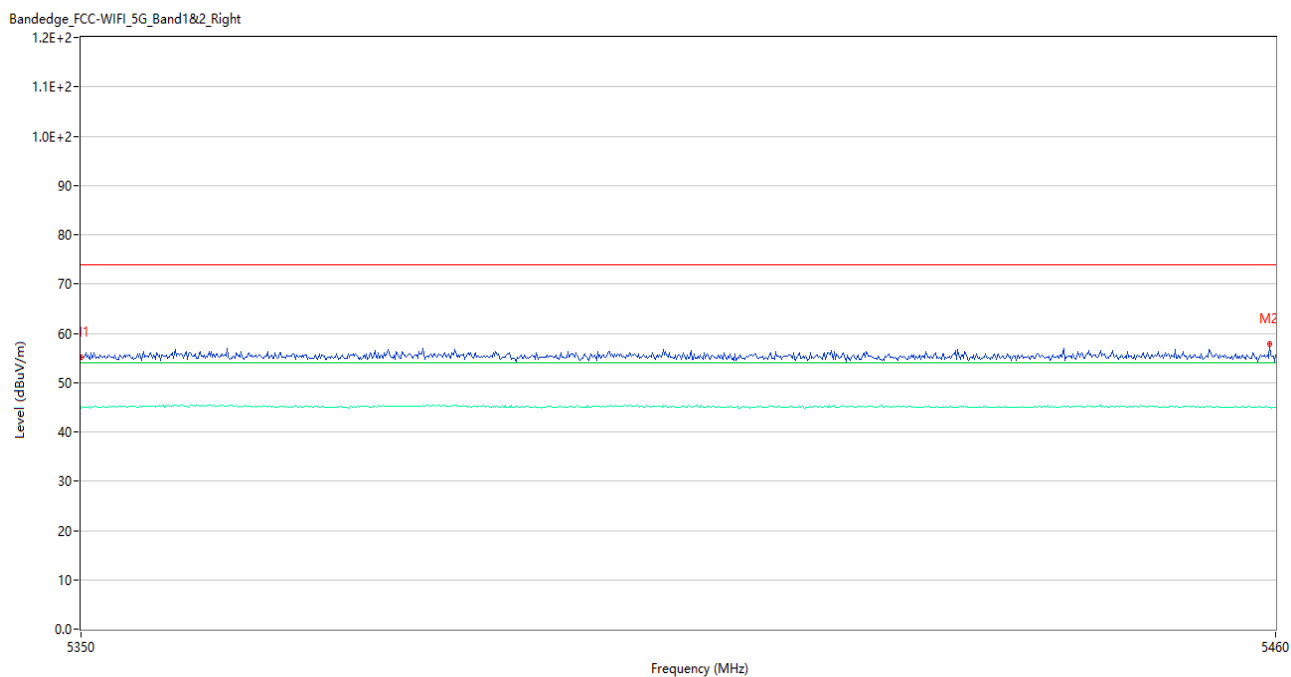
Aux Antenna

U-NII-1 11a Low Channel



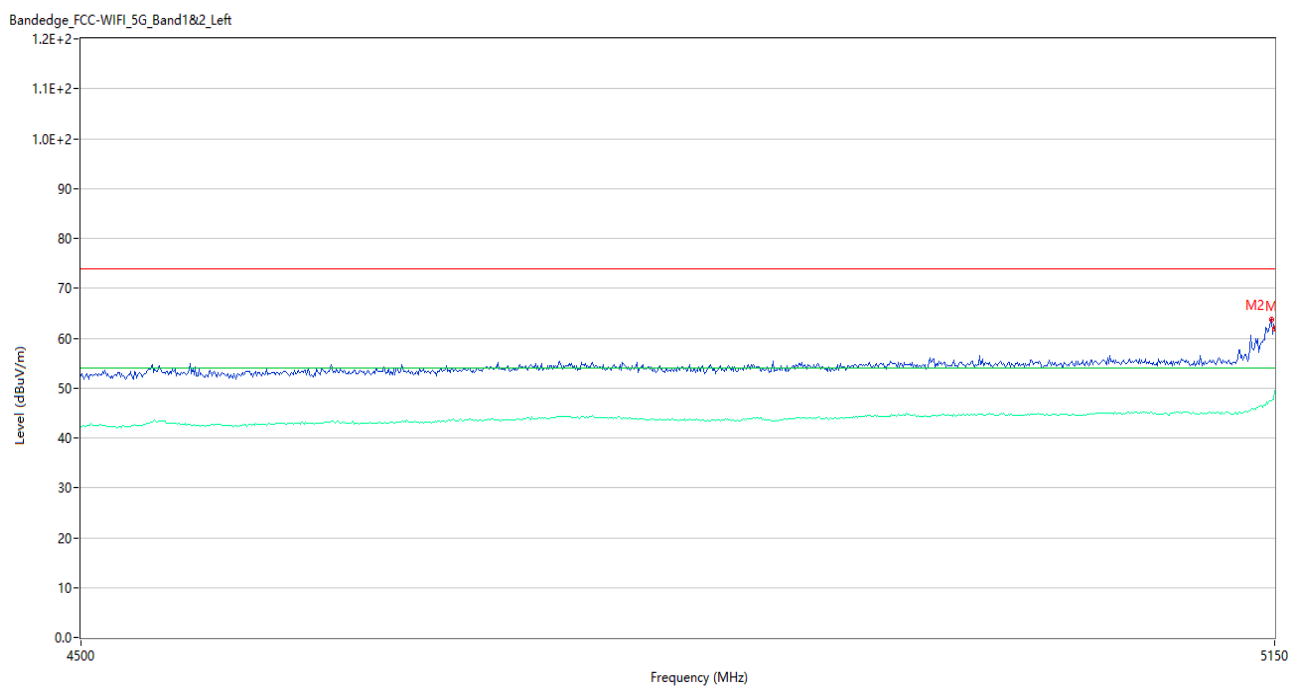
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.08	5.21	74.0	15.92	Peak	137.99	150	Horizontal	Pass
1**	5150.000	45.52	5.21	54.0	8.48	AV	137.99	150	Horizontal	Pass
2	5138.950	58.07	5.58	74.0	15.93	Peak	93.00	150	Horizontal	Pass
2**	5138.950	45.02	5.58	54.0	8.98	AV	93.00	150	Horizontal	Pass

U-NII-1 11a High Channel



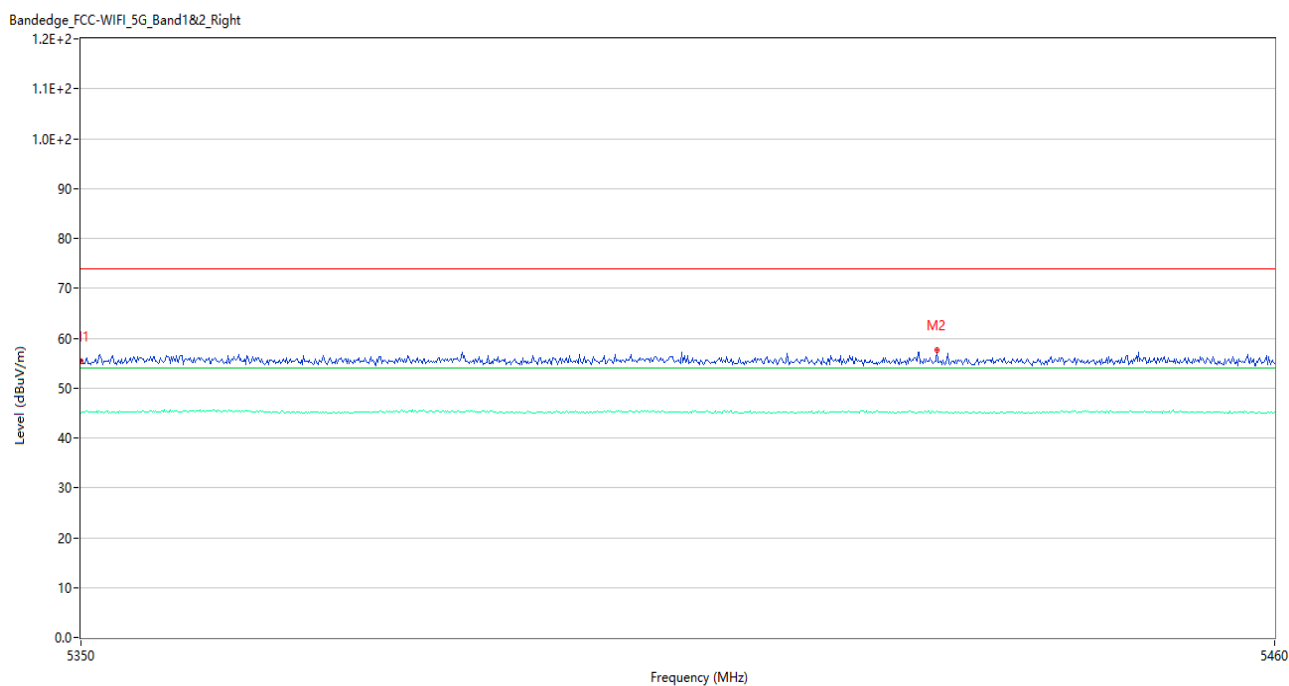
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.03	5.40	74.0	18.97	Peak	176.00	150	Horizontal	Pass
1**	5350.000	44.80	5.40	54.0	9.20	AV	176.00	150	Horizontal	Pass
2	5459.450	57.95	5.39	74.0	16.05	Peak	360.00	150	Horizontal	Pass
2**	5459.450	45.07	5.39	54.0	8.93	AV	360.00	150	Horizontal	Pass

U-NII-1 11ac20 Low Channel



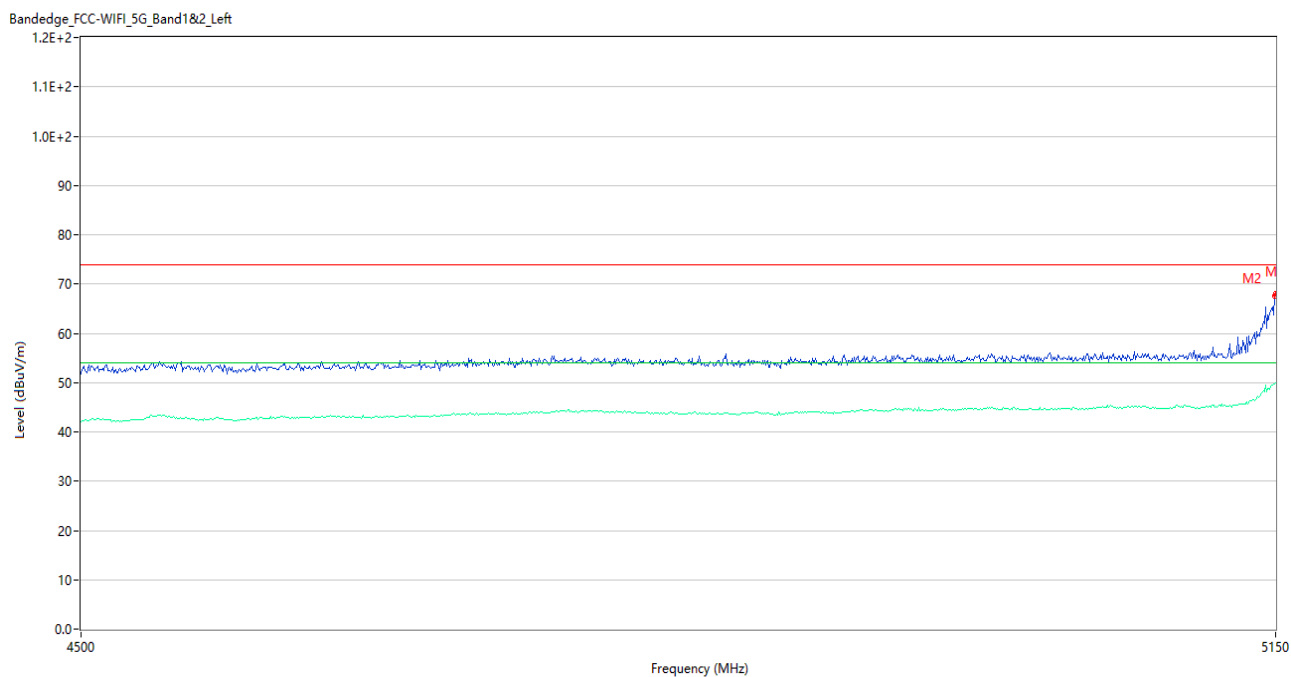
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	61.63	5.21	74.0	12.37	Peak	151.00	150	Horizontal	Pass
1**	5150.000	49.41	5.21	54.0	4.59	AV	151.00	150	Horizontal	Pass
2	5148.050	63.75	5.26	74.0	10.25	Peak	79.00	150	Horizontal	Pass
2**	5148.050	47.43	5.26	54.0	6.57	AV	79.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel



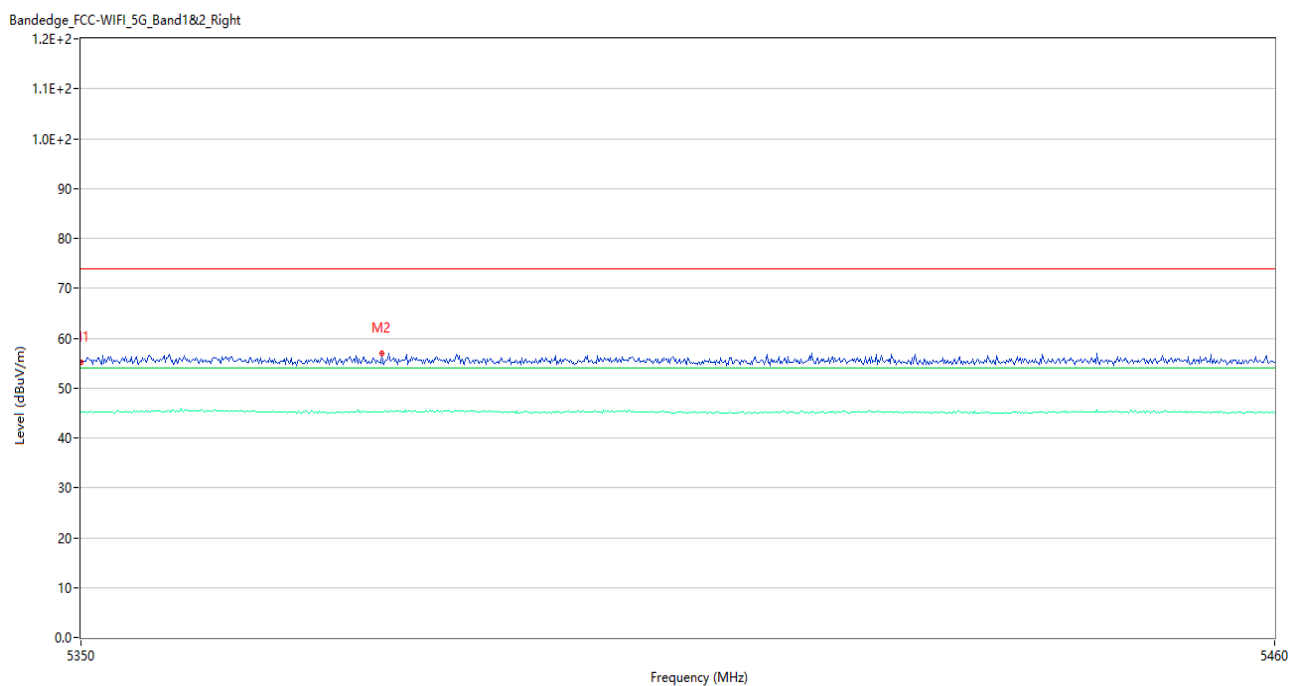
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.27	5.40	74.0	18.73	Peak	0.00	150	Vertical	Pass
1**	5350.000	45.06	5.40	54.0	8.94	AV	0.00	150	Vertical	Pass
2	5428.650	57.56	5.29	74.0	16.44	Peak	181.00	150	Vertical	Pass
2**	5428.650	45.32	5.29	54.0	8.68	AV	181.00	150	Vertical	Pass

U-NII-1 11ac40 Low Channel



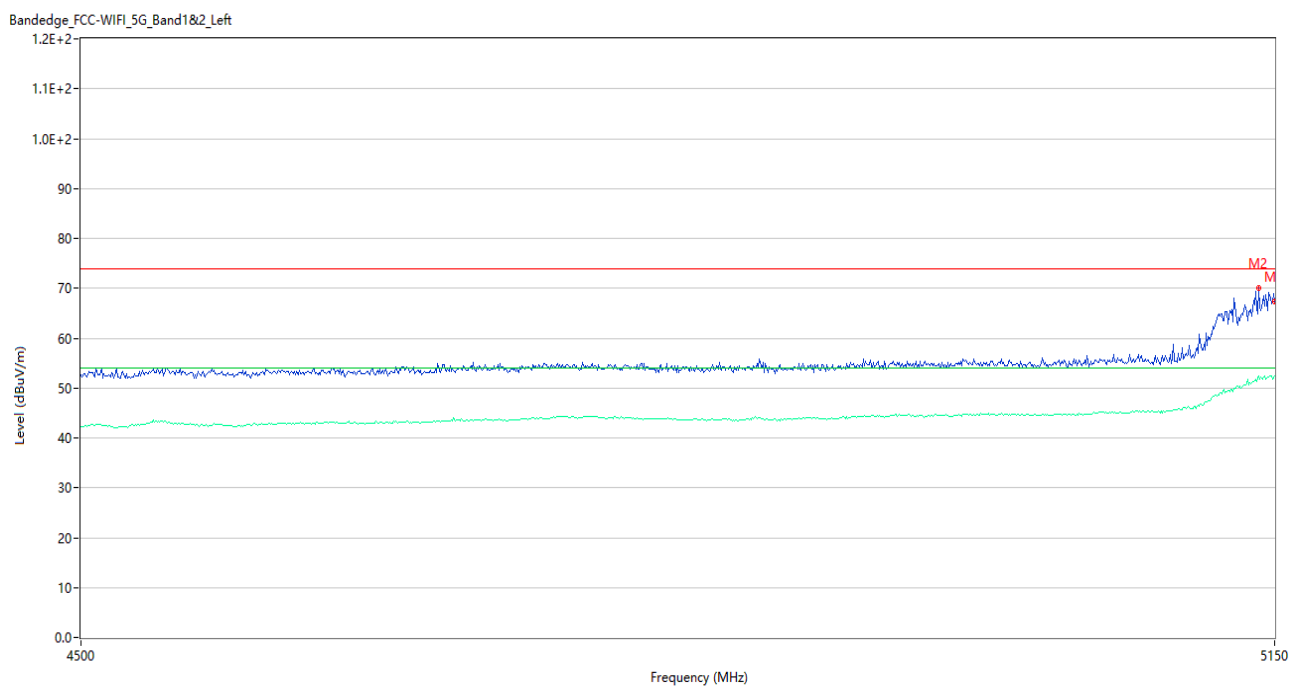
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	68.10	5.21	74.0	5.90	Peak	147.02	150	Horizontal	Pass
1**	5150.000	49.95	5.21	54.0	4.05	AV	147.02	150	Horizontal	Pass
2	5149.350	67.47	5.21	74.0	6.53	Peak	231.00	150	Horizontal	Pass
2**	5149.350	49.81	5.21	54.0	4.19	AV	231.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel



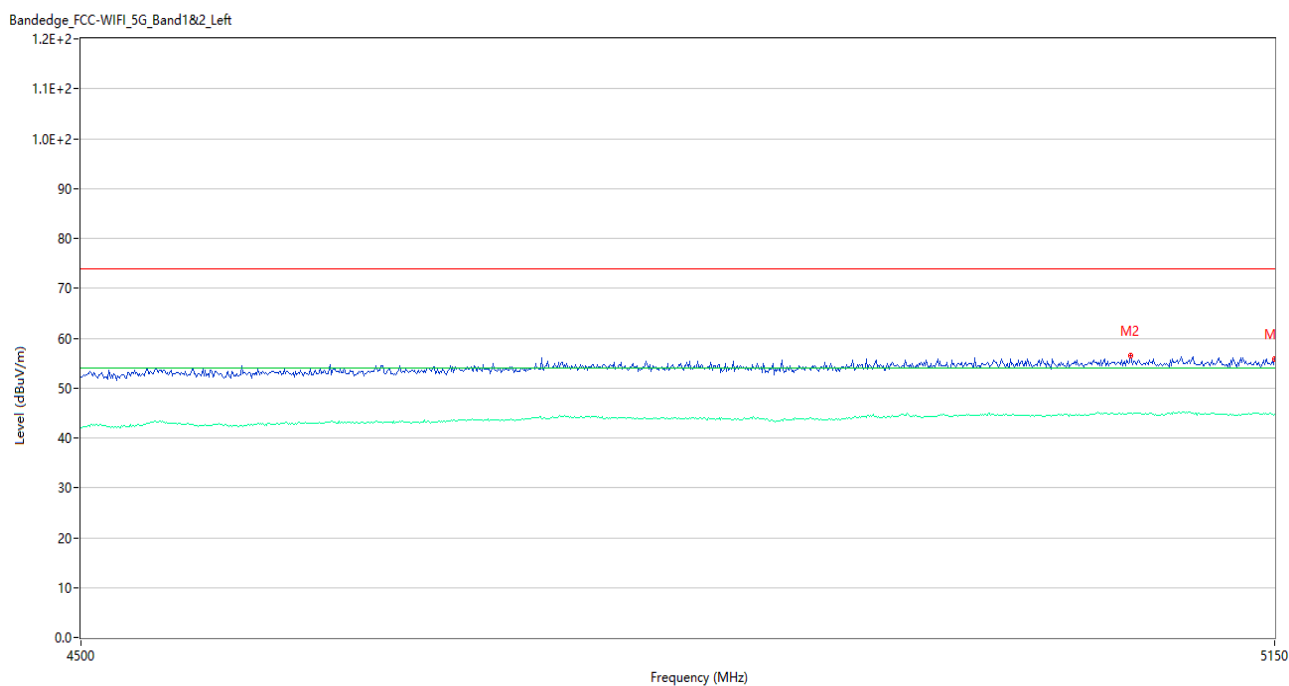
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.14	5.40	74.0	18.86	Peak	122.00	150	Vertical	Pass
1**	5350.000	45.13	5.40	54.0	8.87	AV	122.00	150	Vertical	Pass
2	5377.500	57.04	5.61	74.0	16.96	Peak	100.00	150	Vertical	Pass
2**	5377.500	45.25	5.61	54.0	8.75	AV	100.00	150	Vertical	Pass

U-NII-1 11ac80 Low Channel



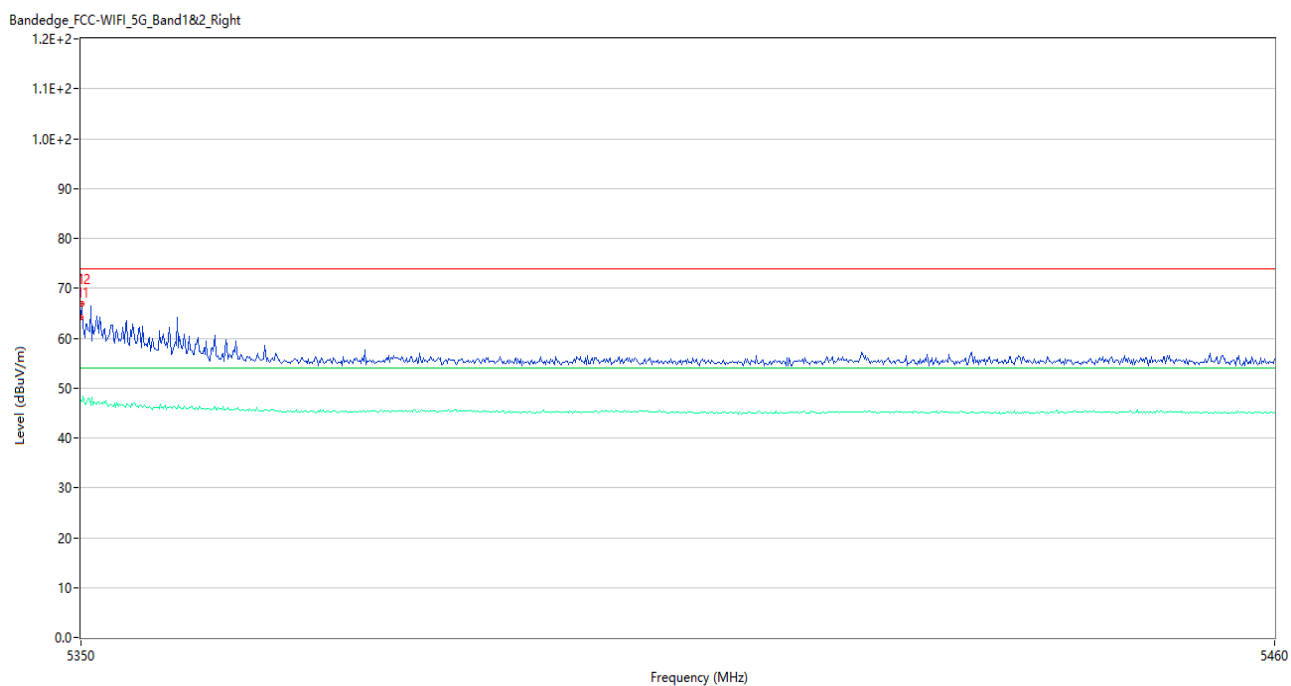
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	67.26	5.21	74.0	6.74	Peak	134.99	150	Horizontal	Pass
1**	5150.000	52.48	5.21	54.0	1.52	AV	134.99	150	Horizontal	Pass
2	5140.900	70.11	5.58	74.0	3.89	Peak	135.00	150	Horizontal	Pass
2**	5140.900	52.37	5.58	54.0	1.63	AV	135.00	150	Horizontal	Pass

U-NII-2A 11a Low Channel



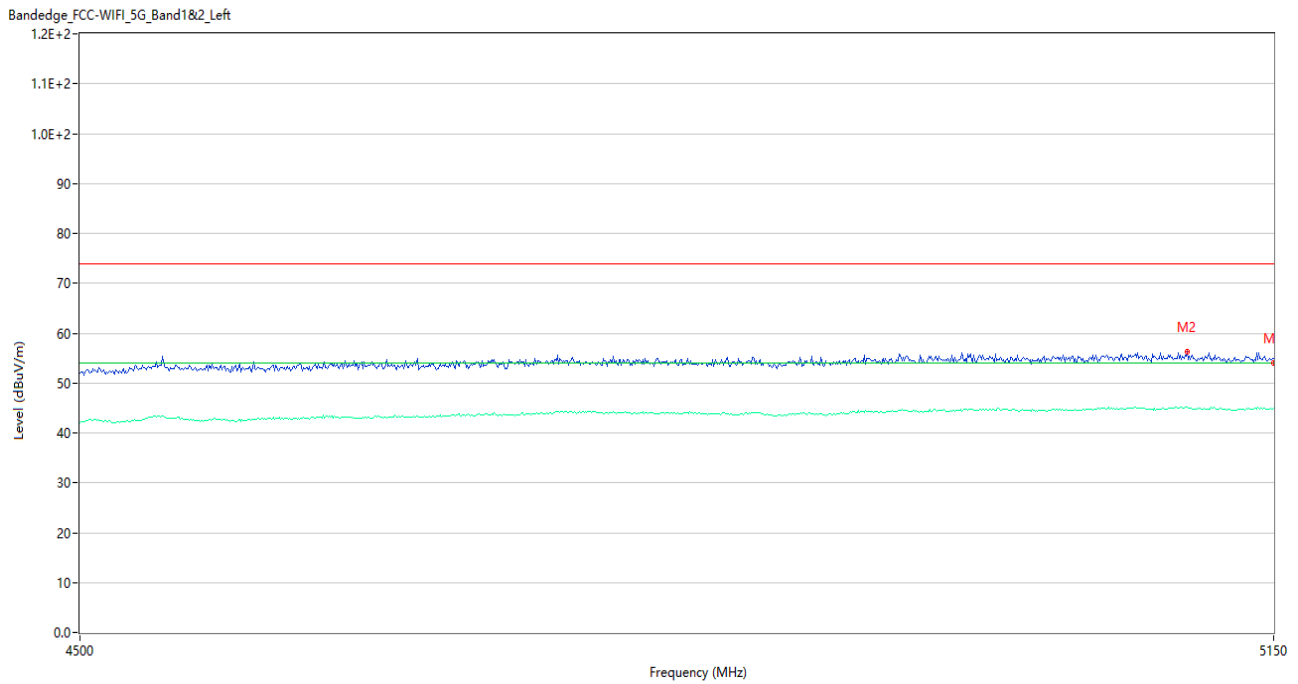
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	55.73	5.21	74.0	18.27	Peak	15.02	150	Horizontal	Pass
1**	5150.000	44.80	5.21	54.0	9.20	AV	15.02	150	Horizontal	Pass
2	5066.800	56.46	5.17	74.0	17.54	Peak	334.00	150	Horizontal	Pass
2**	5066.800	44.95	5.17	54.0	9.05	AV	334.00	150	Horizontal	Pass

U-NII-2A 11a High Channel



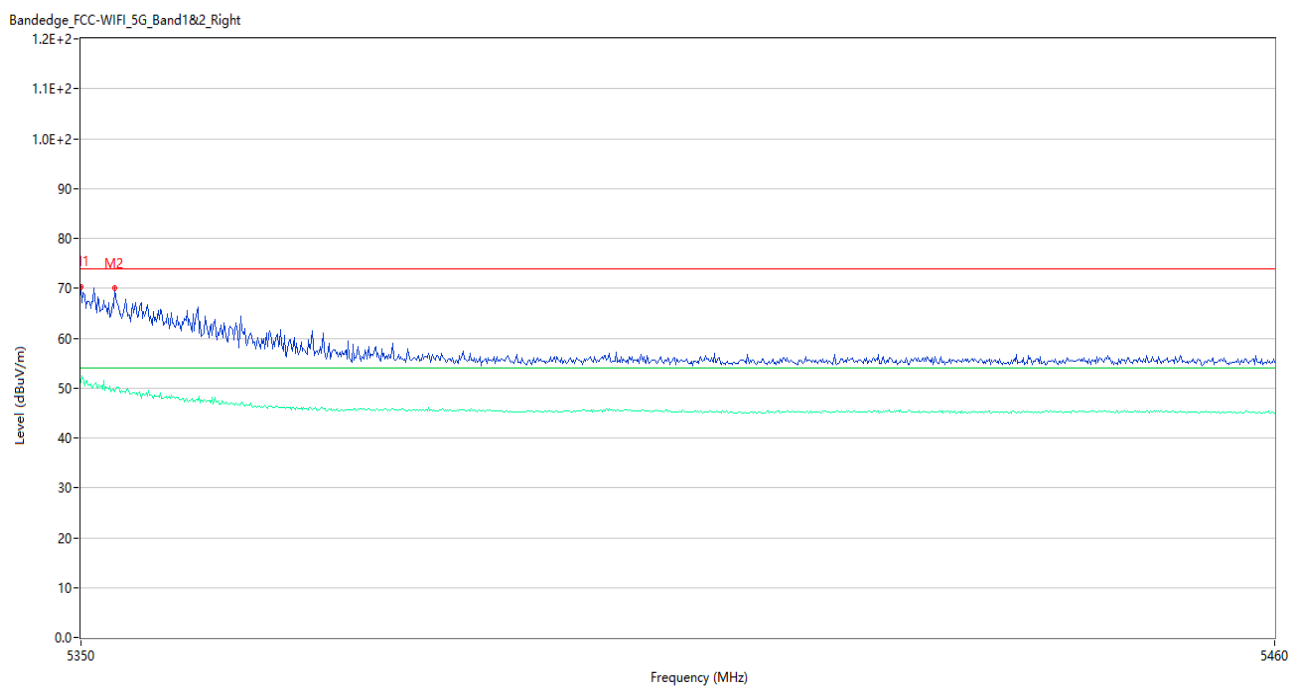
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.28	5.40	74.0	9.72	Peak	83.00	150	Horizontal	Pass
1**	5350.000	47.39	5.40	54.0	6.61	AV	83.00	150	Horizontal	Pass
2	5350.110	66.88	5.40	74.0	7.12	Peak	152.00	150	Horizontal	Pass
2**	5350.110	47.18	5.40	54.0	6.82	AV	152.00	150	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



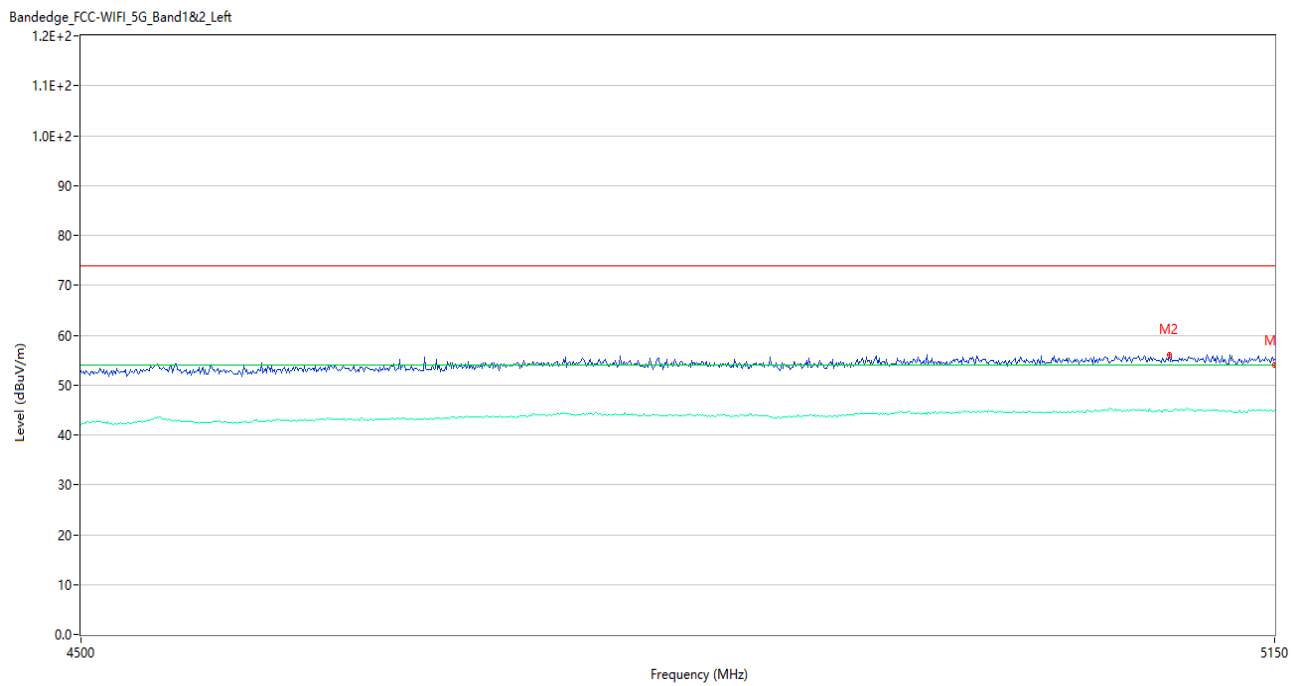
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	54.99	5.21	74.0	19.01	Peak	123.05	150	Vertical	Pass
1**	5150.000	44.89	5.21	54.0	9.11	AV	123.05	150	Vertical	Pass
2	5099.950	56.20	5.44	74.0	17.80	Peak	57.00	150	Vertical	Pass
2**	5099.950	45.21	5.44	54.0	8.79	AV	57.00	150	Vertical	Pass

U-NII-2A 11ac20 High Channel



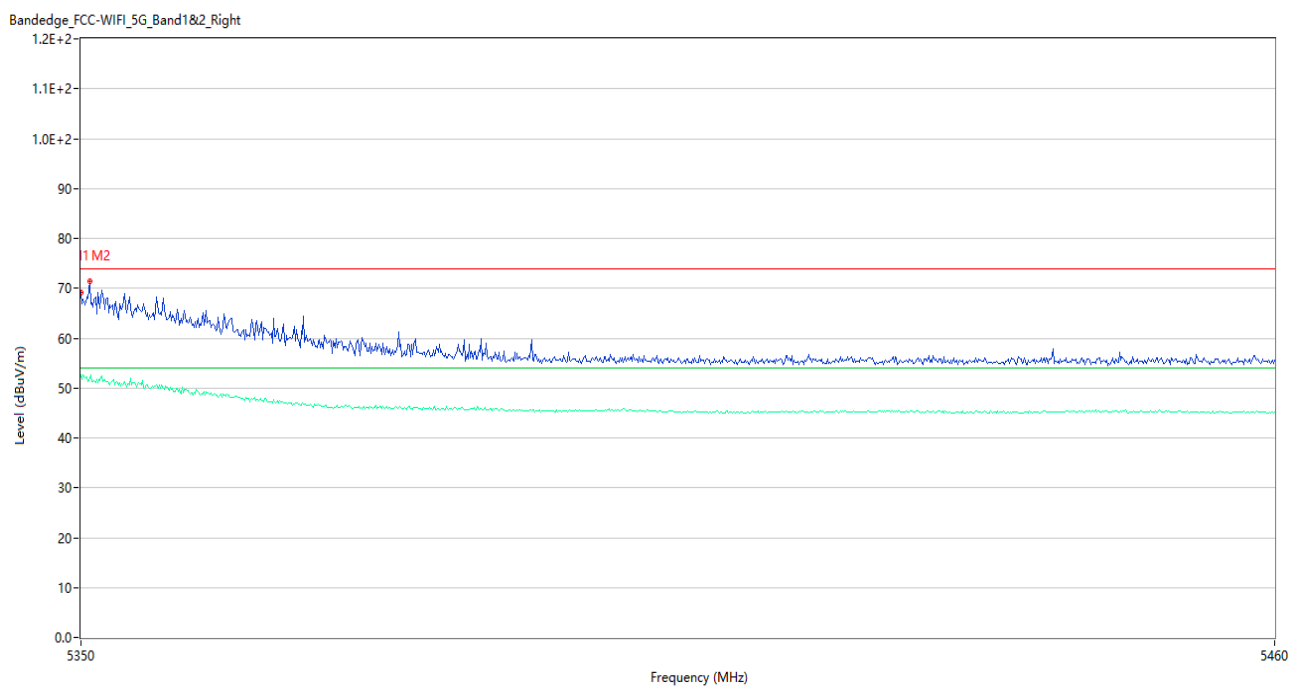
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	66.67	5.40	74.0	7.33	Peak	136.00	150	Horizontal	Pass
1**	5350.000	49.13	5.40	54.0	4.87	AV	136.00	150	Horizontal	Pass
2	5350.330	69.42	5.41	74.0	4.58	Peak	91.00	150	Horizontal	Pass
2**	5350.330	49.89	5.41	54.0	4.11	AV	91.00	150	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



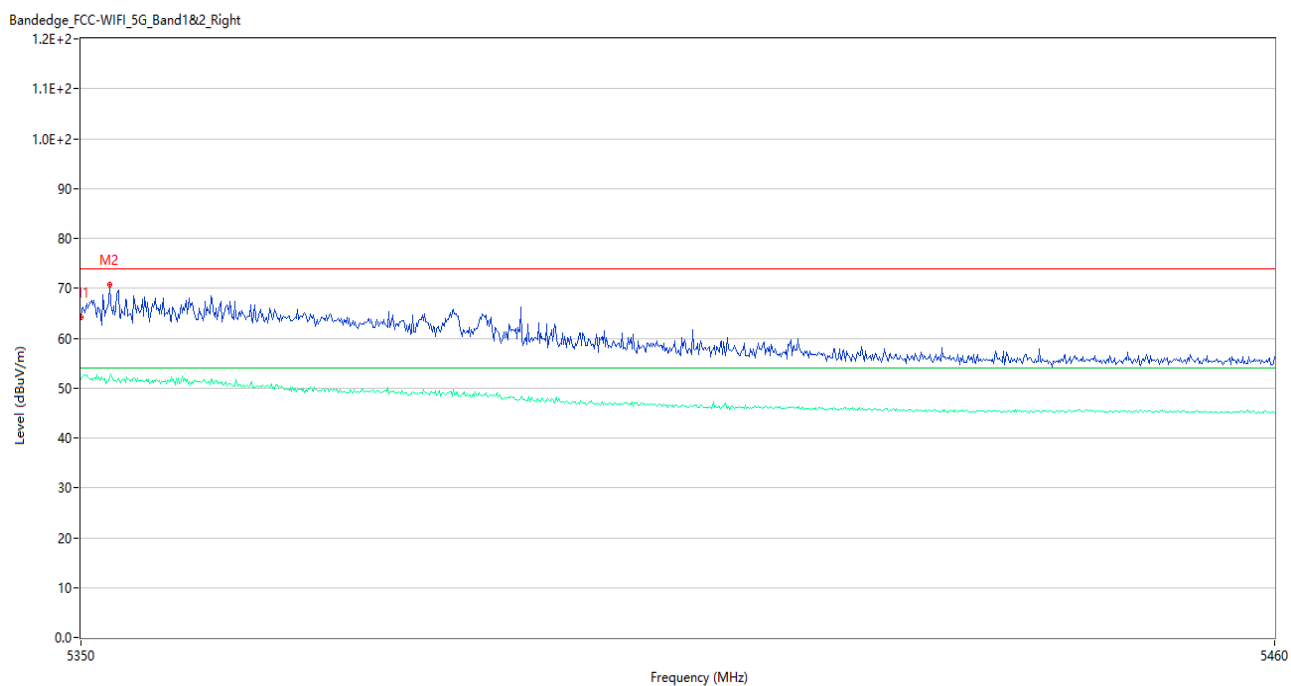
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	55.11	5.21	74.0	18.89	Peak	270.02	150	Vertical	Pass
1**	5150.000	44.93	5.21	54.0	9.07	AV	270.02	150	Vertical	Pass
2	5088.900	56.14	4.91	74.0	17.86	Peak	24.00	150	Vertical	Pass
2**	5088.900	44.68	4.91	54.0	9.32	AV	24.00	150	Vertical	Pass

U-NII-2A 11ac40 High Channel



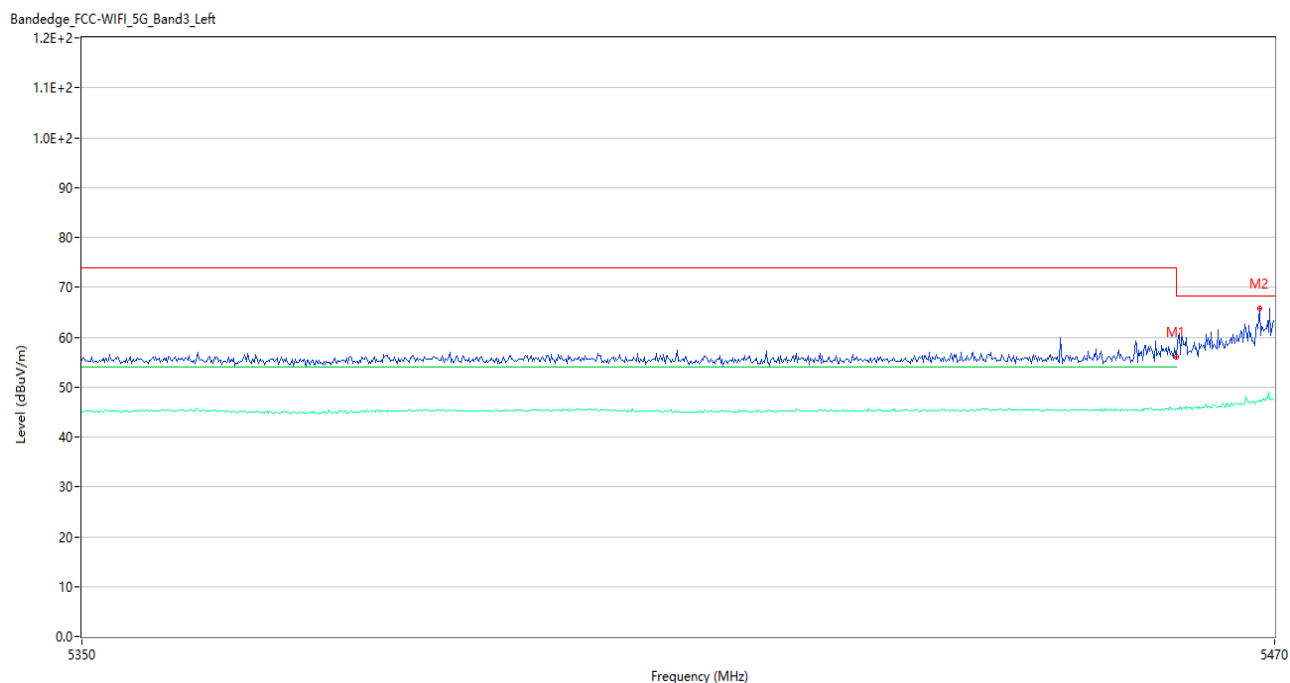
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	69.05	5.40	74.0	4.95	Peak	335.00	150	Vertical	Pass
1**	5350.000	52.77	5.40	54.0	1.23	AV	335.00	150	Vertical	Pass
2	5350.770	71.36	5.42	74.0	2.64	Peak	253.00	150	Vertical	Pass
2**	5350.770	51.86	5.42	54.0	2.14	AV	253.00	150	Vertical	Pass

U-NII-2A 11ac80 Middle Channel



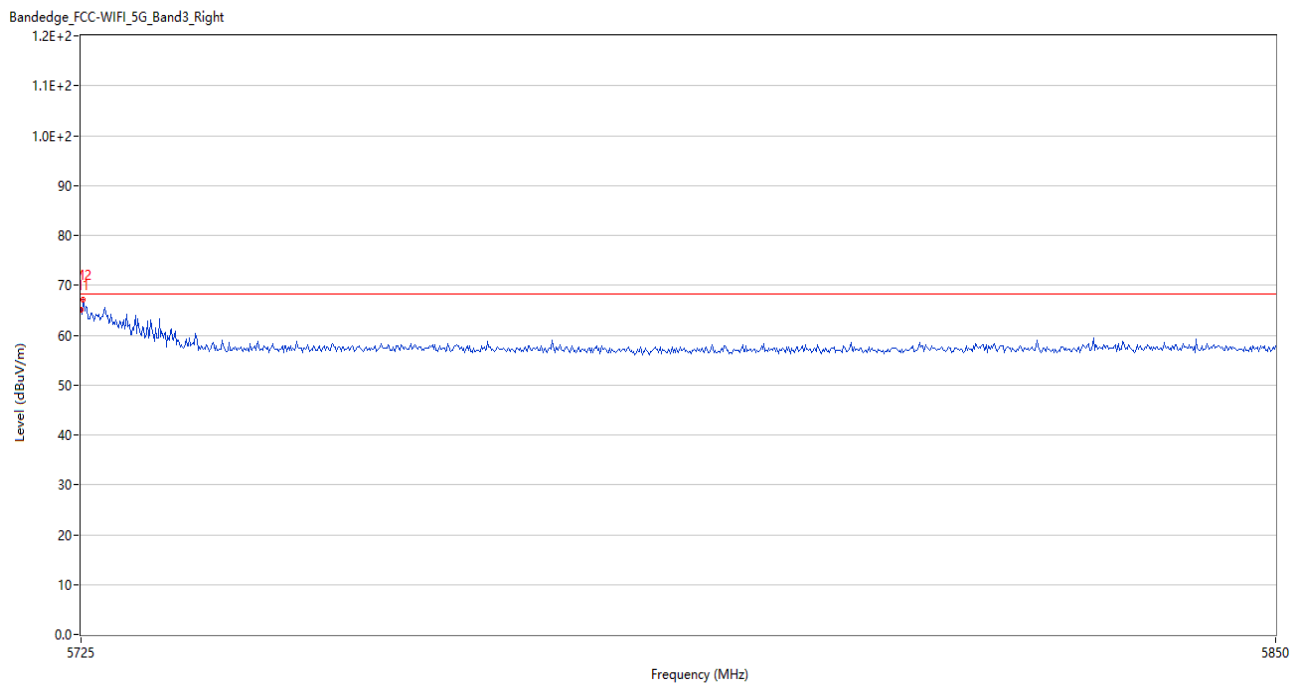
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.19	5.40	74.0	9.81	Peak	149.00	150	Horizontal	Pass
1**	5350.000	51.82	5.40	54.0	2.18	AV	149.00	150	Horizontal	Pass
2	5352.640	70.77	5.47	74.0	3.23	Peak	147.00	150	Horizontal	Pass
2**	5352.640	52.00	5.47	54.0	2.00	AV	147.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel



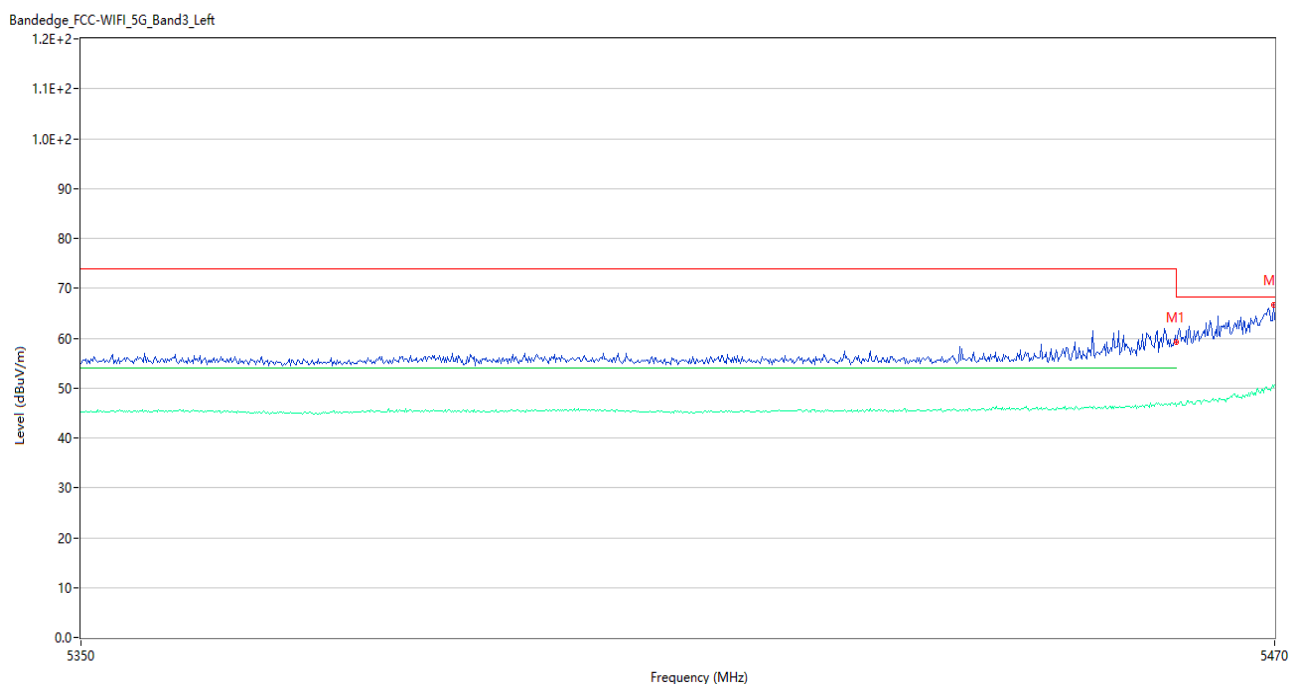
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.30	5.38	68.2	11.90	Peak	120.70	150	Horizontal	Pass
1**	5460.000	45.65	5.38	54.0	8.35	AV	120.70	150	Horizontal	Pass
2	5468.440	65.80	5.76	68.2	2.40	Peak	138.00	150	Horizontal	Pass
2**	5468.440	47.14	5.76	--	-47.14	AV	138.00	150	Horizontal	N/A

U-NII-2C 11a High Channel



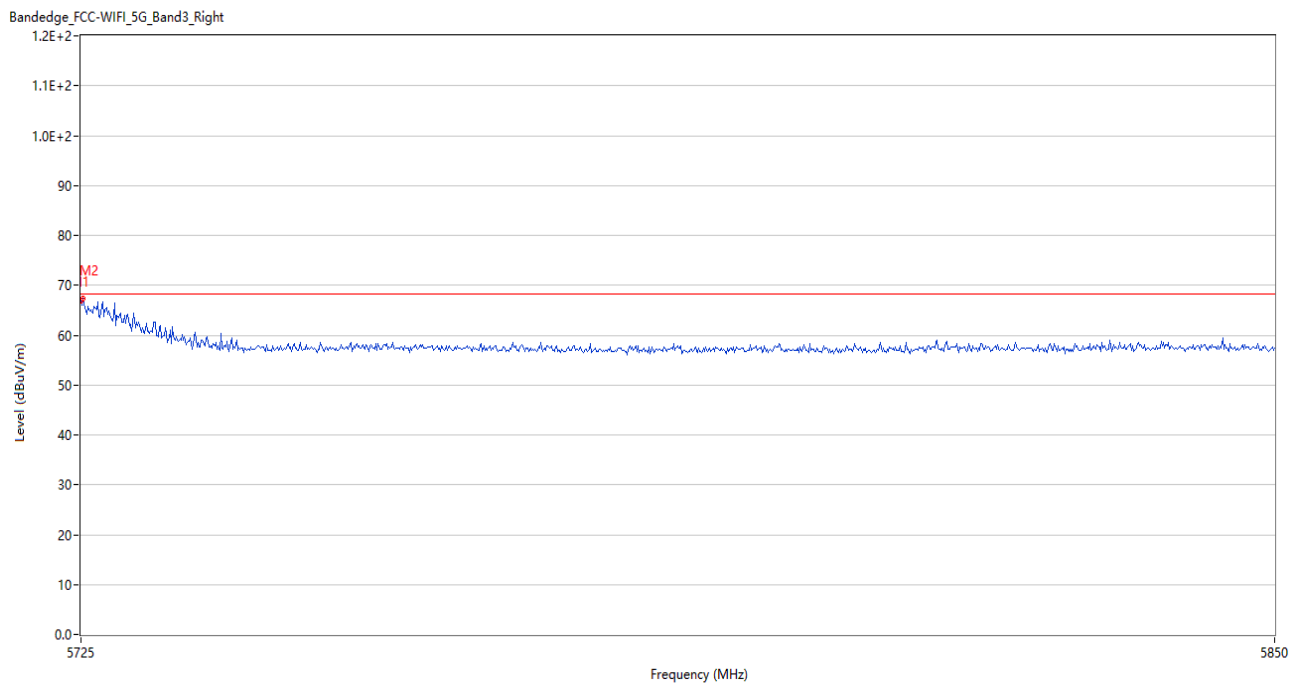
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	65.06	6.57	68.2	3.14	Peak	267.00	150	Vertical	Pass
2	5725.250	67.12	6.56	68.2	1.08	Peak	265.00	150	Vertical	Pass

U-NII-2C 11ac20 Low Channel



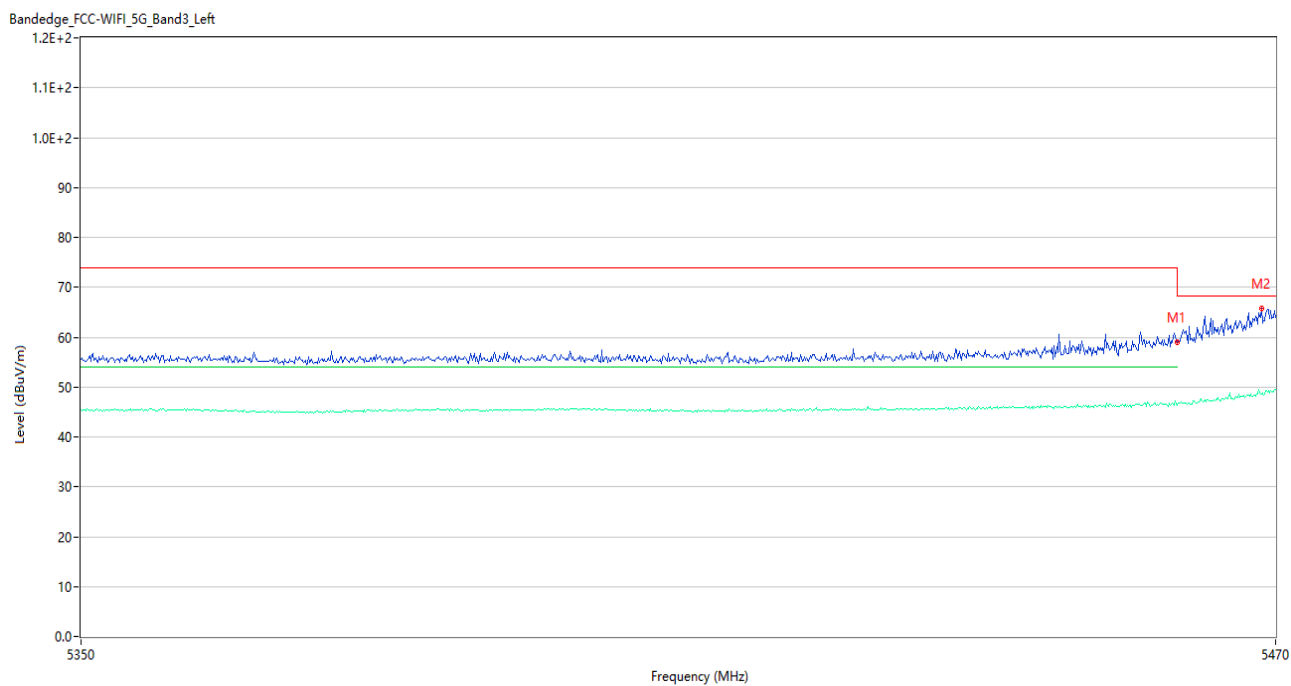
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	59.67	5.38	68.2	8.53	Peak	143.79	150	Horizontal	Pass
1**	5460.000	46.60	5.38	54.0	7.40	AV	143.79	150	Horizontal	Pass
2	5469.880	66.72	5.80	68.2	1.48	Peak	139.00	150	Horizontal	Pass
2**	5469.880	50.20	5.80	--	-50.20	AV	139.00	150	Horizontal	N/A

U-NII-2C 11ac20 High Channel



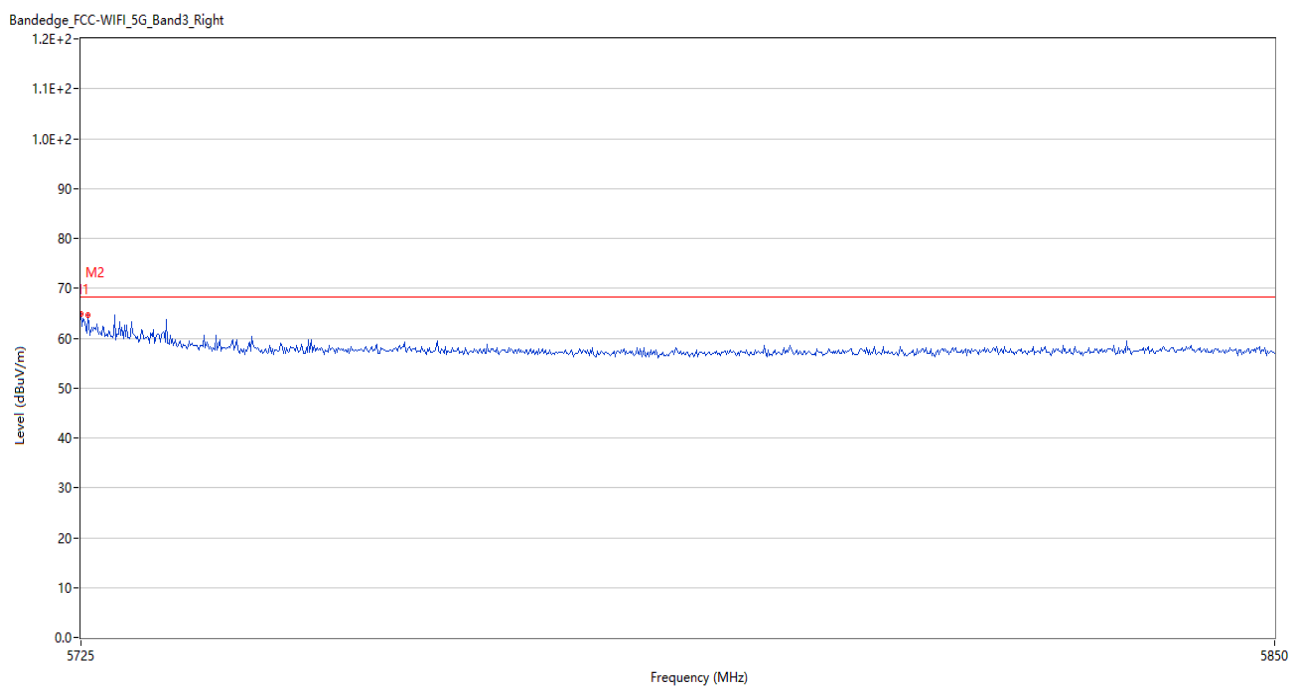
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	66.87	6.57	68.2	1.33	Peak	273.00	150	Vertical	Pass
2	5725.250	67.33	6.56	68.2	0.87	Peak	270.00	150	Vertical	Pass

U-NII-2C 11ac40 Low Channel



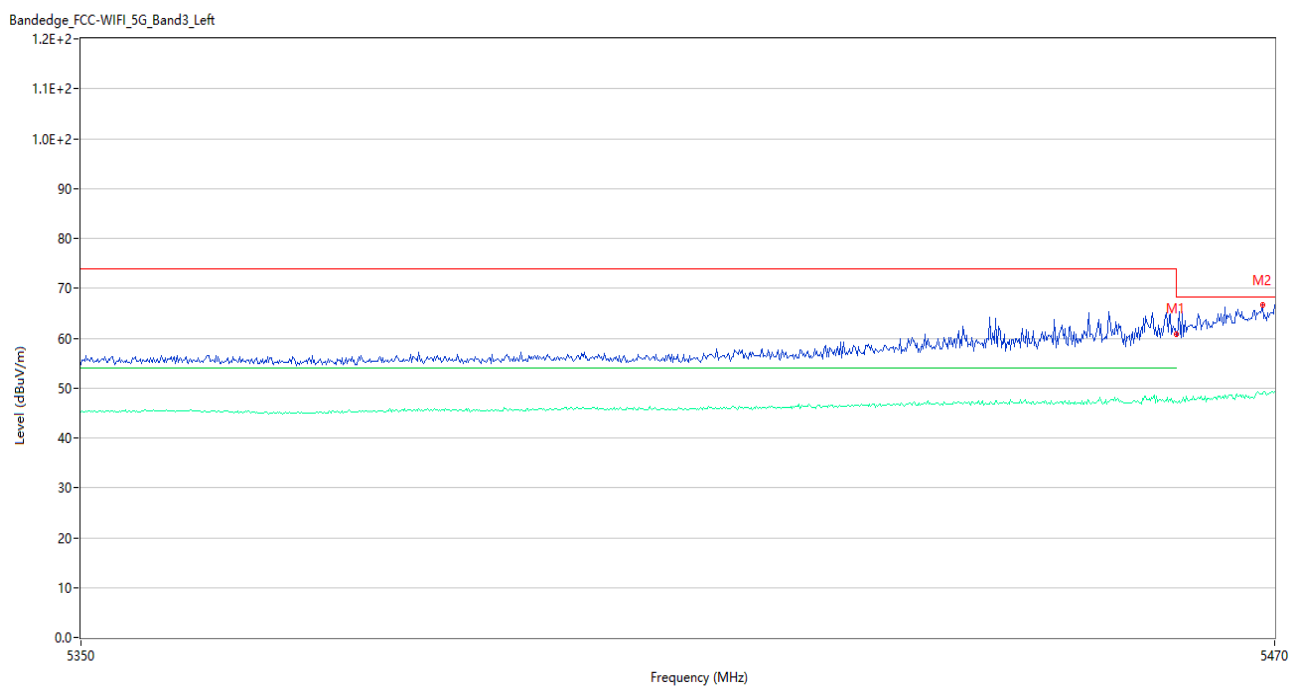
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	59.21	5.38	68.2	8.99	Peak	277.36	150	Vertical	Pass
1**	5460.000	46.55	5.38	54.0	7.45	AV	277.36	150	Vertical	Pass
2	5468.560	65.76	5.77	68.2	2.44	Peak	266.00	150	Vertical	Pass
2**	5468.560	48.70	5.77	--	-48.70	AV	266.00	150	Vertical	N/A

U-NII-2C 11ac40 High Channel



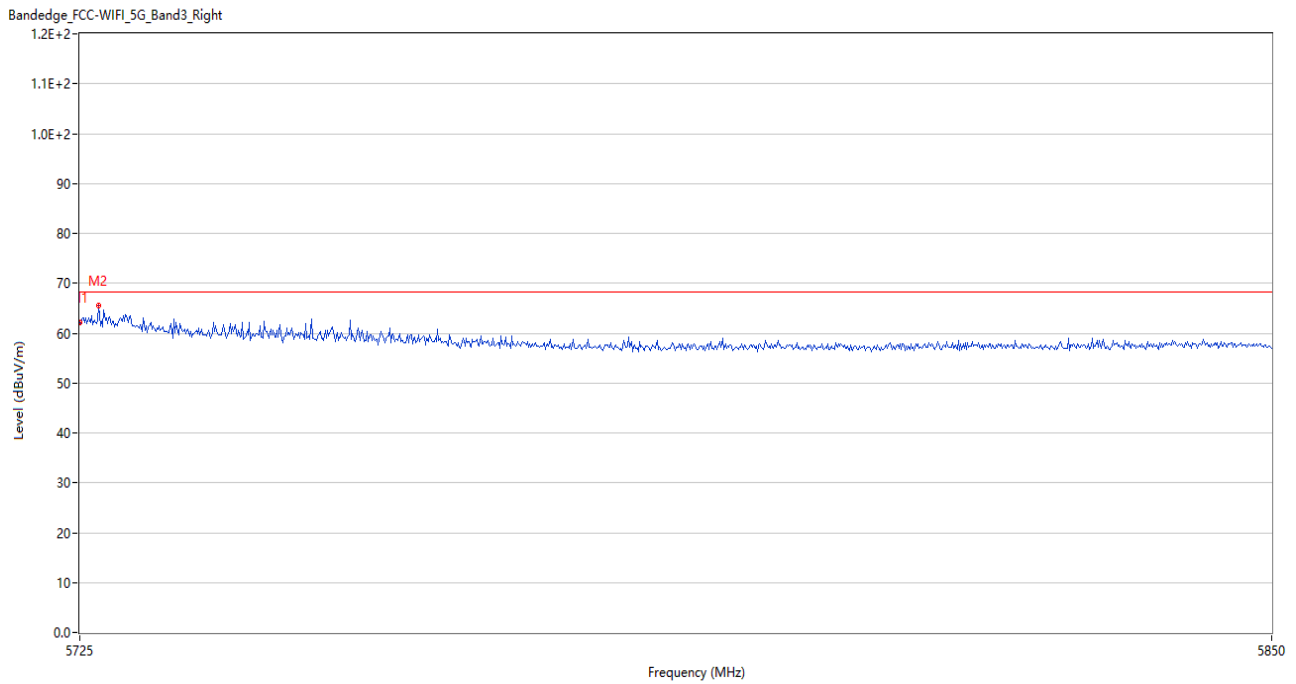
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	64.89	6.57	68.2	3.31	Peak	100.00	150	Horizontal	Pass
2	5725.750	64.59	6.55	68.2	3.61	Peak	147.00	150	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



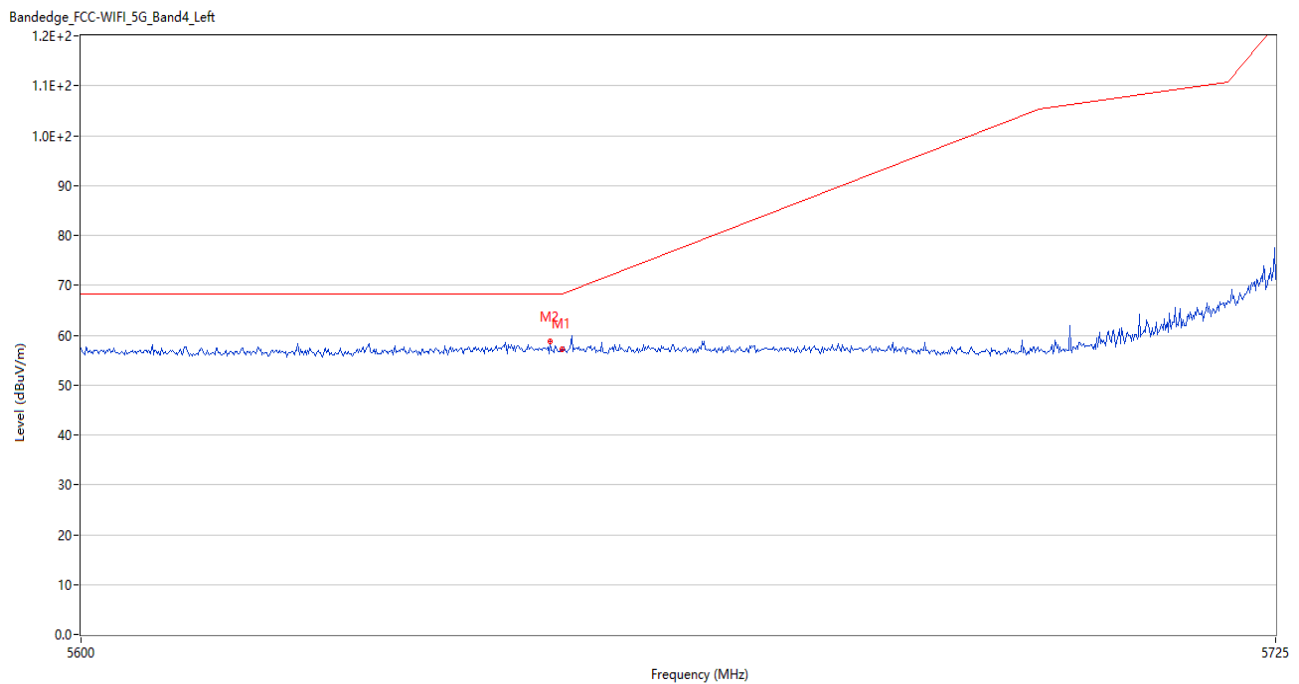
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	61.12	5.38	68.2	7.08	Peak	119.29	150	Horizontal	Pass
1**	5460.000	47.23	5.38	54.0	6.77	AV	119.29	150	Horizontal	Pass
2	5468.800	66.64	5.79	68.2	1.56	Peak	138.00	150	Horizontal	Pass
2**	5468.800	48.86	5.79	--	-48.86	AV	138.00	150	Horizontal	N/A

U-NII-2C 11ac80 High Channel



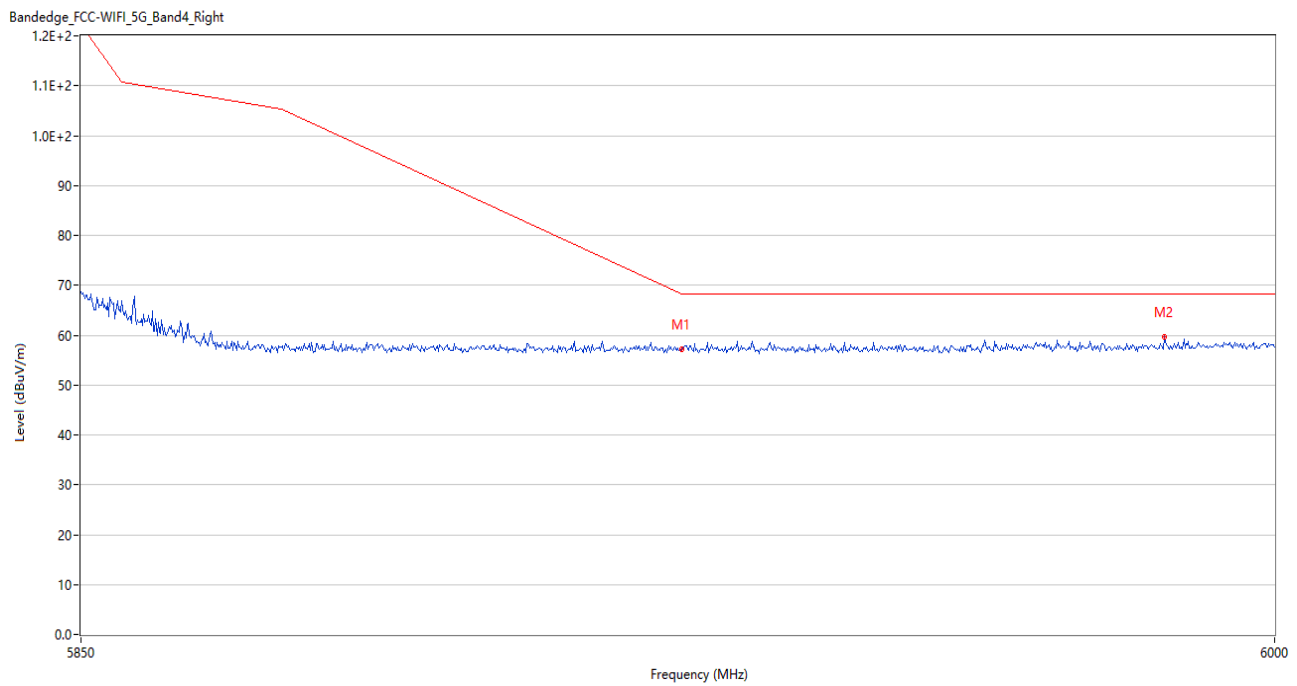
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.07	6.57	68.2	6.13	Peak	159.00	150	Horizontal	Pass
2	5727.000	65.50	6.52	68.2	2.70	Peak	157.00	150	Horizontal	Pass

U-NII-3 11a Low Channel



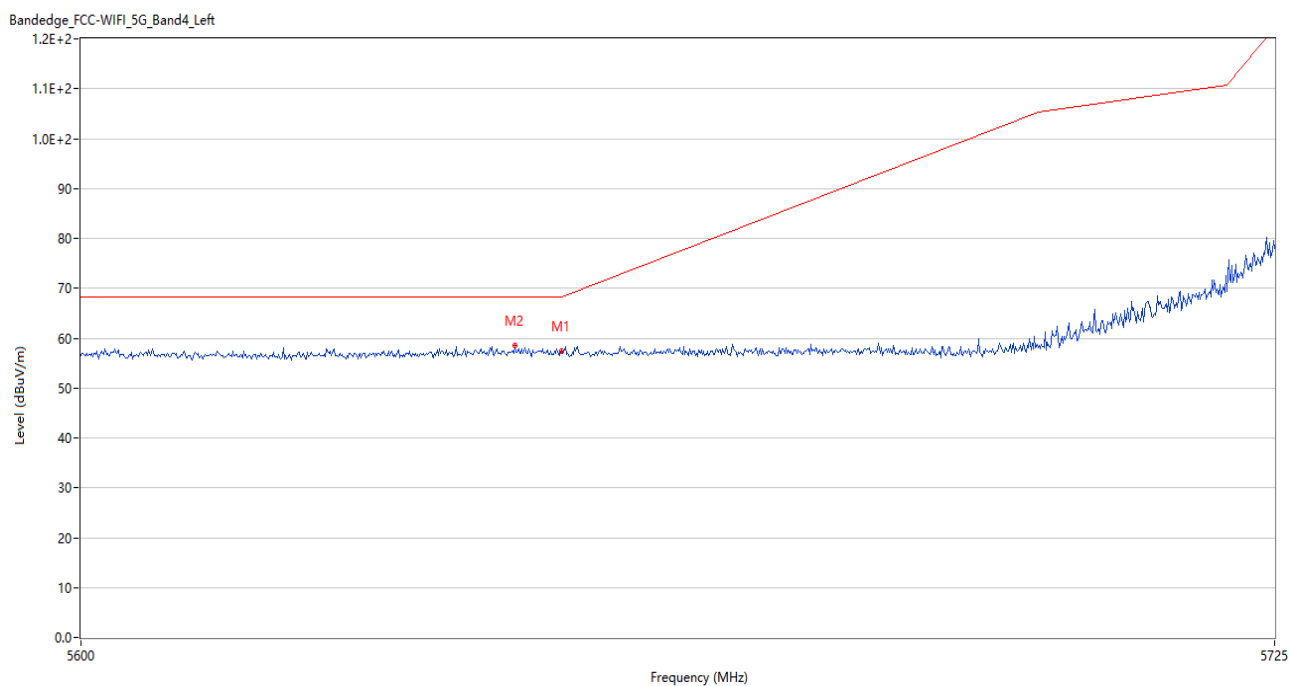
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.28	5.94	68.2	10.92	Peak	132.97	150	Vertical	Pass
2	5648.750	58.71	5.96	68.2	9.49	Peak	219.00	150	Vertical	Pass

U-NII-3 11a High Channel



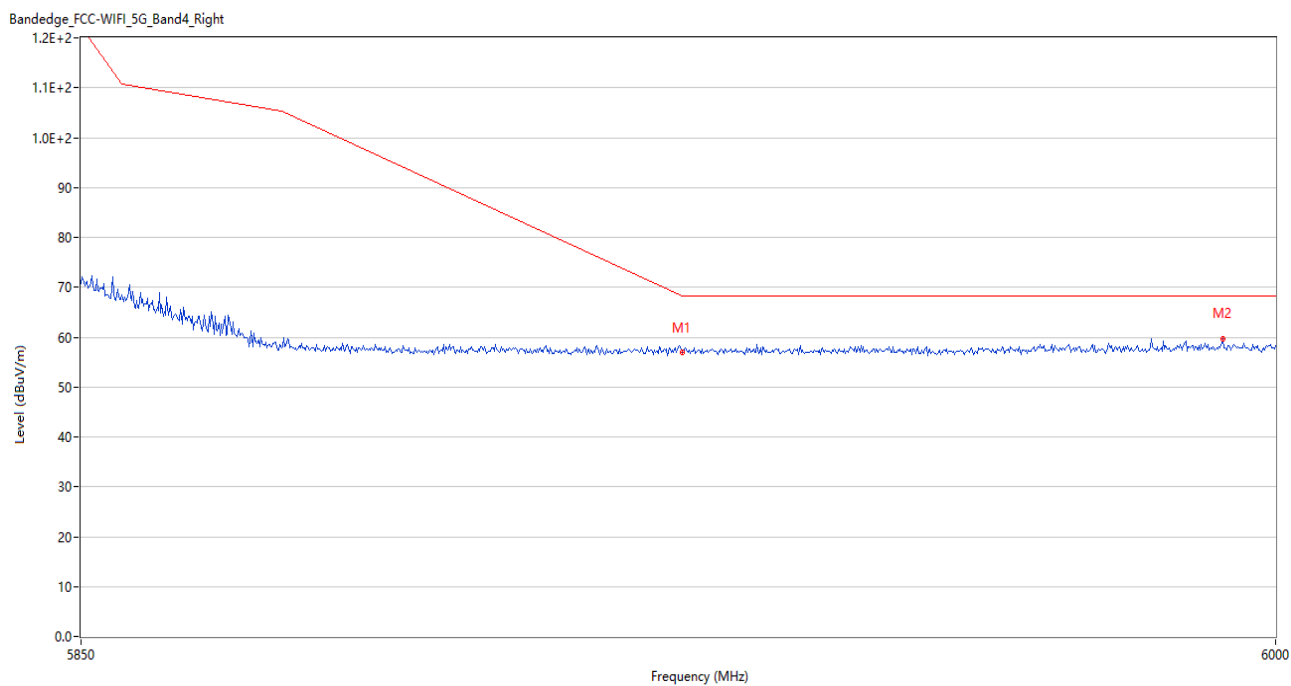
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.53	7.83	68.2	11.67	Peak	359.67	150	Vertical	Pass
2	5986.050	59.69	7.63	68.2	8.51	Peak	177.00	150	Vertical	Pass

U-NII-3 11ac20 Low Channel



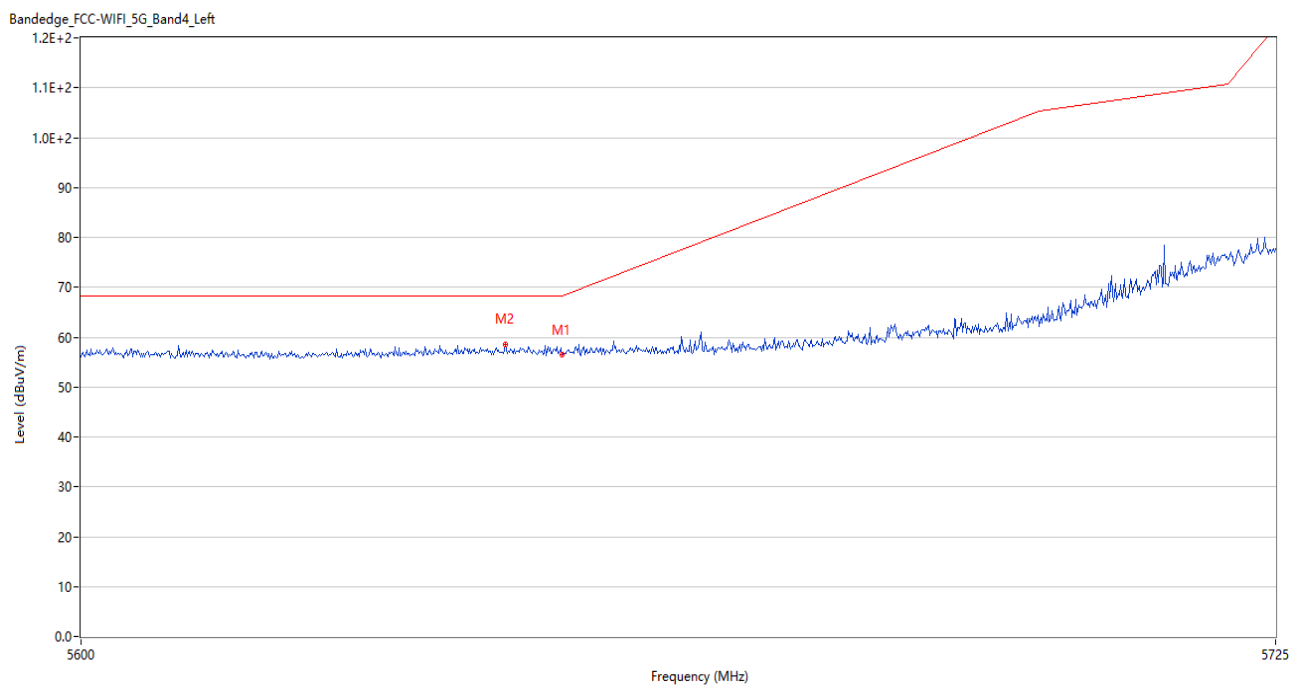
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.37	5.94	68.2	10.83	Peak	244.81	150	Horizontal	Pass
2	5645.125	58.48	6.03	68.2	9.72	Peak	199.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



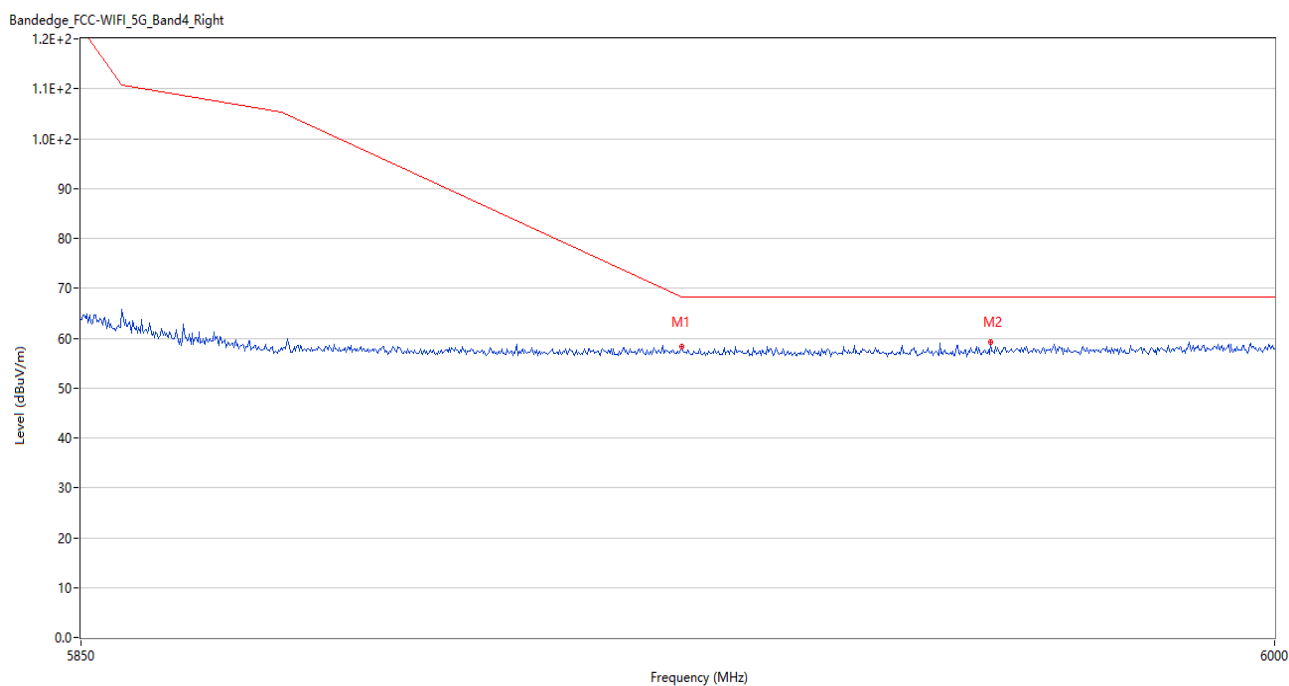
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.89	7.83	68.2	11.31	Peak	328.94	150	Vertical	Pass
2	5993.250	59.66	7.99	68.2	8.54	Peak	308.00	150	Vertical	Pass

U-NII-3 11ac40 Low Channel



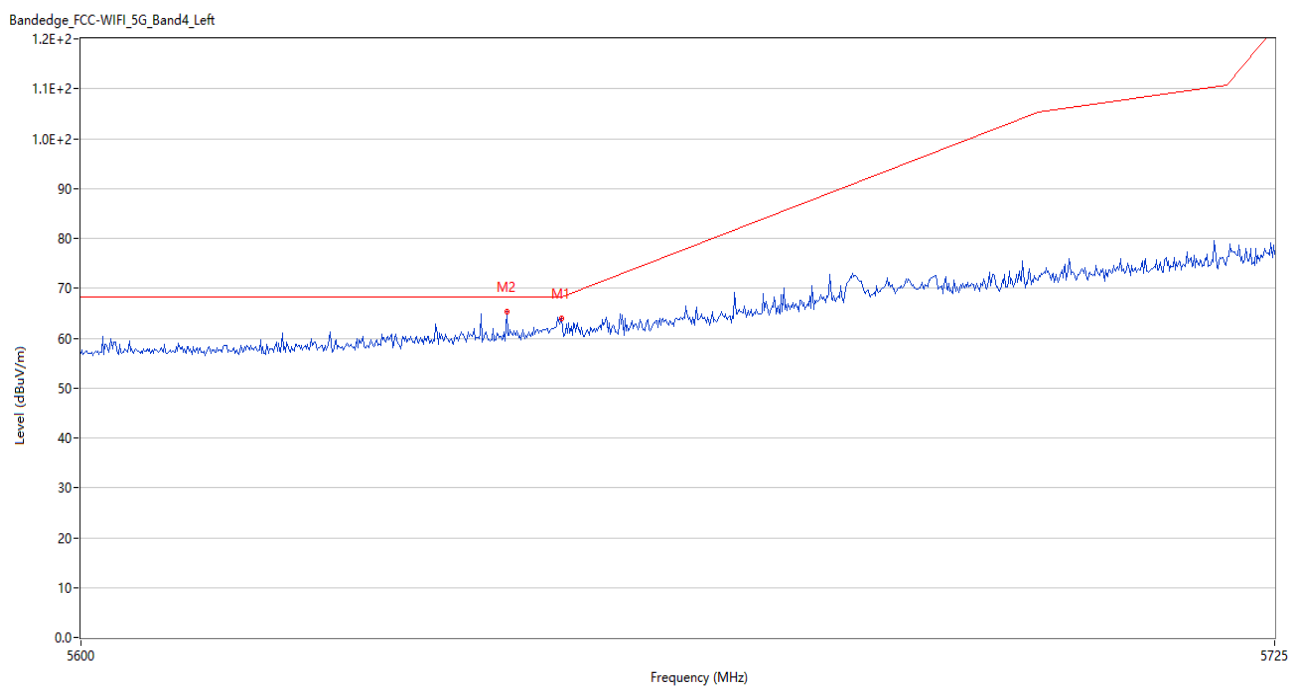
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	56.54	5.94	68.2	11.66	Peak	248.92	150	Horizontal	Pass
2	5644.125	58.59	6.02	68.2	9.61	Peak	203.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.20	7.83	68.2	10.00	Peak	359.99	150	Vertical	Pass
2	5964.000	59.30	7.37	68.2	8.90	Peak	302.00	150	Vertical	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	64.03	5.94	68.2	4.17	Peak	148.00	150	Horizontal	Pass
2	5644.250	65.40	6.02	68.2	2.80	Peak	142.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2461152-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2461152-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2461152-AI.PDF”.

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--END OF REPORT--