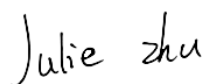


TEST REPORT

Applicant: UCLOUDLINK (SINGAPORE) PTE. LTD
Address: 80 ROBINSON ROAD #02-00, SINGAPORE
Equipment Type: 5G Wireless Router
Model Name: GLMR23A02
Brand Name: GlocalMe
FCC ID: 2BB6E-GLMR23A02
47 CFR Part 15 Subpart E
Test Standard: (refer to section 3.1)
Sample Arrival Date: Mar. 18, 2024
Test Date: Apr. 01, 2024 - May 08, 2024
Date of Issue: May 17, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Julie Zhu**Checked by:** Ye Hongji**Approved by:** Liao Jianming
(Technical Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>May 17, 2024</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	U-CLOUDLINK (SINGAPORE) PTE. LTD
Address	80 ROBINSON ROAD #02-00, SINGAPORE

2.2 Manufacturer Information

Manufacturer	U-CLOUDLINK (SINGAPORE) PTE. LTD
Address	80 ROBINSON ROAD #02-00, SINGAPORE

2.3 General Description for Equipment under Test (EUT)

EUT Name	5G Wireless Router
Model Name Under Test	GLMR23A02
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	EC25-AFXD 3G Network WCDMA/HSDPA/HSUPA/DC-HSUPA/HSPA+ Band 2/4/5 RM520N-GL 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 EC25-AFXD 4G Network LTE FDD Band 2/4/5/12/13/14/66/71 RM520N-GL 4G Network LTE FDD Band 2/4/5/7/12/13/14/17/25/26/30/66/71 LTE TDD Band 38/41/42/43/48 LTE CA Uplink (UL): CA_2C, CA_5B, CA_7C, CA_38C, CA_41C, CA_43C, CA_66C, CA_66B, CA_48C, CA_42C, CA_2A-4A, CA_2A-5A, CA_2A-7A, CA_2A-12A, CA_2A-13A, CA_2A-30A, CA_2A-66A, CA_4A-5A, CA_4A-7A, CA_4A-12A, CA_4A-13A, CA_4A-30A, CA_5A-7A, CA_5A-30A, CA_5A-66A, CA_12A-30A, CA_12A-66A, CA_13A-66A, CA_14A-30A RM520N-GL 5G Network NR: SA n2/n5/n7/n12/n13/n14/n25/n26/n30/n38/n41/n48/n66/n70/n71/n77/n78 SA UL MIMO: n41/n77/n78 NSA(EN-DC): DC_13A_n66A, DC_5A_n2A, DC_14A_n2A, DC_30A_n2A, DC_2A_n5A, DC_30A_n5A, DC_66A_n5A, DC_2A_n12A, DC_66A_n12A, DC_2A_n66A, DC_5A_n66A, DC_12A_n66A, DC_14A_n66A: DC_30A_n66A, DC_12A_n2A, DC_66A_n2A, DC_71A_n2A, DC_12A_n41A, DC_71A_n66A: DC_2A_n71A DC_66A_n71A, DC_66A_n25A, DC_25A_n41A, DC_12A_n78A, DC_13A_n78A DC_25A_n78A, DC_12A_n77A: DC_13A_n77A, DC_14A_n77A, DC_26A_n78A DC_2A_n78A, DC_26A_n41A, DC_2A_n41A, DC_7A_n5A, DC_38A_n78A DC_7A_n71A: DC_41A_n78A: DC_5A_n7A: DC_12A_n7A, DC_66A_n7A DC_13A_n2A, DC_48A_n5A, DC_48A_n66A, DC_7A_n66A, DC_2A_n48A DC_5A_n48A, DC_13A_n48A, DC_66A_n48A, DC_4A_n78A, DC_20A_n77A DC_5A_n78A, DC_4A_n41A, DC_66A_n38A, DC_2A_n38A, DC_12A_n38A DC_4A_n38A, DC_5A_n38A, DC_66A_n78A, DC_12A_n25A, DC_25A_n77A DC_2A_n77A, DC_71A_n78A, DC_71A_n38A, DC_13A_n7A, DC_5A_n41A DC_66A_n41A, DC_2A_n7A, DC_7A_n2A, DC_5A_n40A, DC_30A_n77A DC_41A_n77A, DC_7A_n78A: DC_48A_n25A, DC_66A_n28A: DC_71A_n41A DC_28A_n66A, DC_30A_n12A, DC_2A_n14A, DC_30A_n14A, DC_66A_n14A DC_2A_n30A, DC_5A_n30A, DC_12A_n30A, DC_14A_n30A, DC_66A_n30A DC_71A_n7A, DC_7A_n12A, DC_5A_n77A, DC_66A_n77A, DC_71A_n77A DC_4A_n2A, DC_7A_n25A, DC_71A_n25A, DC_5A_n25A, DC_26A_n25A,
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	DC_4A_n7A, DC_13A_n25A, DC_7A_n77A, DC_48A_n71A, DC_48A_n12A WIFI 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac and 802.11ax U-NII-1/3
--	--

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-3: 5725 MHz to 5850 MHz	
Product Type	☒ Mobile ☐ Portable ☐ Fix Location	
Modulation technology	OFDM, OFDMA	
Modulation Type	1024QAM, 256QAM, 64QAM, 16QAM, BPSK, QPSK	
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9 802.11ax up to 1201 Mbps	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz 802.11ax: 20 MHz, 40 MHz, 80 MHz	
Maximum Output Power	U-NII-1: 31.10 mW U-NII-3: 31.18 mW	
Antenna System (eg., MIMO, Smart Antenna)	Cyclic Delay Diversity (CDD) for 802.11a Multi Input Multi Output (MIMO) for 802.11n/ac/ax	
Categorization as Correlated or Completely Uncorrelated	Categorization as Correlated for 802.11a Categorization as Uncorrelated for 802.11n/ac/ax	
Antenna Type	SISO- Antenna 1 SISO- Antenna 2	PIFA Antenna
Antenna Gain	SISO- Antenna 1 SISO- Antenna 2	U-NII-1: 5150 MHz to 5250 MHz: 0.82 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.87 dBi U-NII-1: 5150 MHz to 5250 MHz: 0.25 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.94 dBi
Total directional gain	For power spectral density(PSD) measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz: 3.55 dBi U-NII-3: 5725 MHz to 5850 MHz: 5.43 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 0.54 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.44 dBi

		Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/NANT]$ dBi
	For power measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz: 3.55 dBi U-NII-3: 5725 MHz to 5850 MHz: 5.43 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 0.54 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.44 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/NANT]$ dBi
About the Product		The equipment is 5G Wireless Router, intended for used with information technology equipment.

Mode	Antenna		
	SISO-Antenna 1	SISO-Antenna 2	MIMO
802.11a	√	√	√
802.11n20	√	√	√
802.11n40	√	√	√
802.11ac20	√	√	√
802.11ac40	√	√	√
802.11ac80	√	√	√
802.11ax20	√	√	√
802.11ax40	√	√	√
802.11ax80	√	√	√
Note: All the configurations were tested, but only the worst data was shown in this report.			

2.5 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	155	5775
44	5220	151	5755		
48	5240	159	5795		
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

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

For 802.11a/n(HT20)/ac(VHT20)/ax(HE20)

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
36	Low	5180	149	Low	5745
44	Mid	5220	157	Mid	5785
48	High	5240	165	High	5825

For 802.11n(HT40)/ac(VHT40)/ax(HE40)

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
38	Low	5190	151	Low	5755
46	High	5230	159	High	5795

For 802.11ac(VHT80)/ax(HE80)

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
42	Mid	5210	155	Mid	5775

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-3
				Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
	11ax(20 MHz)	4		48/44/36	165/157/149
	11ax(40 MHz)	8		46/38	159/151
	11ax(80 MHz)	17		42	155
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
	11ax(20 MHz)	4		48/44/36	165/157/149
	11ax(40 MHz)	8		46/38	159/151
	11ax(80 MHz)	17		42	155
6 dB bandwidth	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
	11ax(20 MHz)	4		48/44/36	165/157/149
	11ax(40 MHz)	8		46/38	159/151
	11ax(80 MHz)	17		42	155
Power Spectral Density	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
	11ax(20 MHz)	4		48/44/36	165/157/149
	11ax(40 MHz)	8		46/38	159/151
	11ax(80 MHz)	17		42	155
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149

	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
	11ax(20 MHz)	4		48/44/36	165/157/149
	11ax(40 MHz)	8		46/38	159/151
	11ax(80 MHz)	17		42	155
Band Edge (Restricted-band)	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
	11ax(20 MHz)	4		48/44/36	165/157/149
	11ax(40 MHz)	8		46/38	159/151
	11ax(80 MHz)	17		42	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.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass ^{Note}
2	RF Output Power	15.407(a)	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	ANNEX A.4	Pass
6	Conducted Emission	15.207	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	ANNEX A.6	Pass

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	47% to 63%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.6°C to +24.7°C
	LT (Low Temperature)	0.0°C
	HT (High Temperature)	+40.0°C
Working Voltage of the EUT	NV (Normal Voltage)	12.0 V
	LV (Low Voltage)	10.8 V
	HV (High Voltage)	13.2 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2023.05.16	2024.05.15
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2023.09.05	2024.09.04
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2022.02.23	2025.02.22
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2024.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	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
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
Amplifier	COM-MV	ZT30-1000M	B2017119082	2023.12.05	2024.12.04
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.04	2026.03.03
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2023.05.16	2024.05.15
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8 m	112	2022.02.19	2025.02.18

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

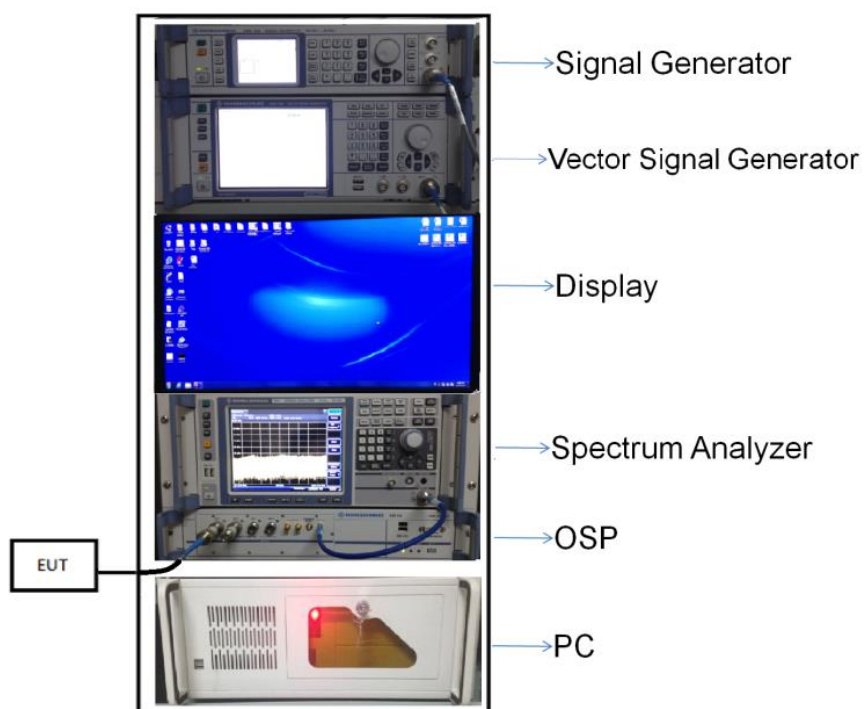
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

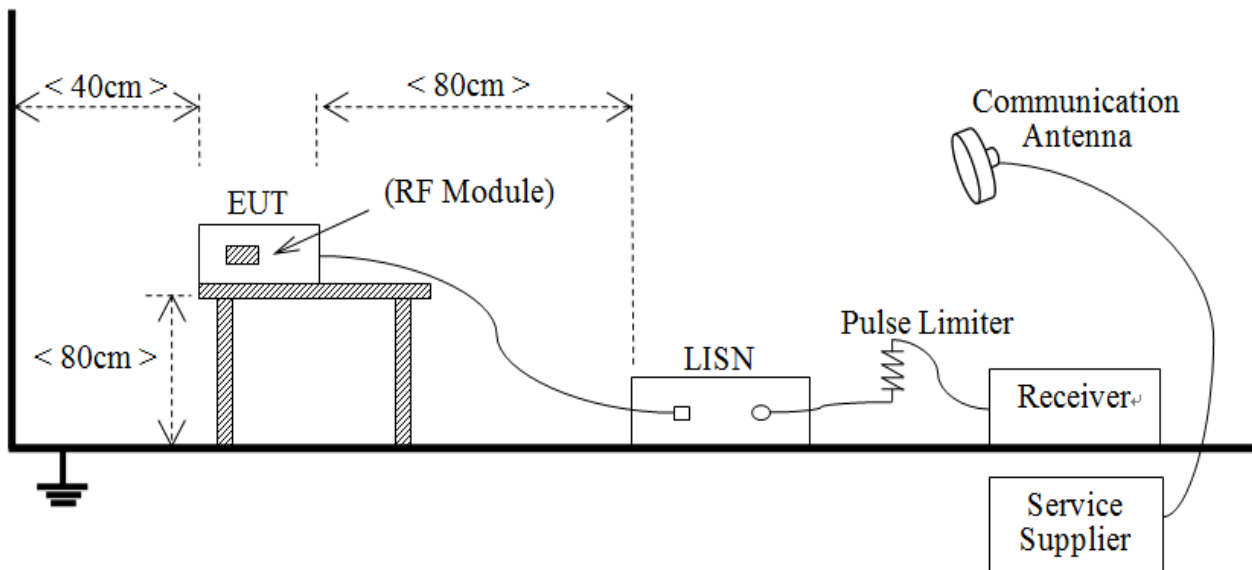
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



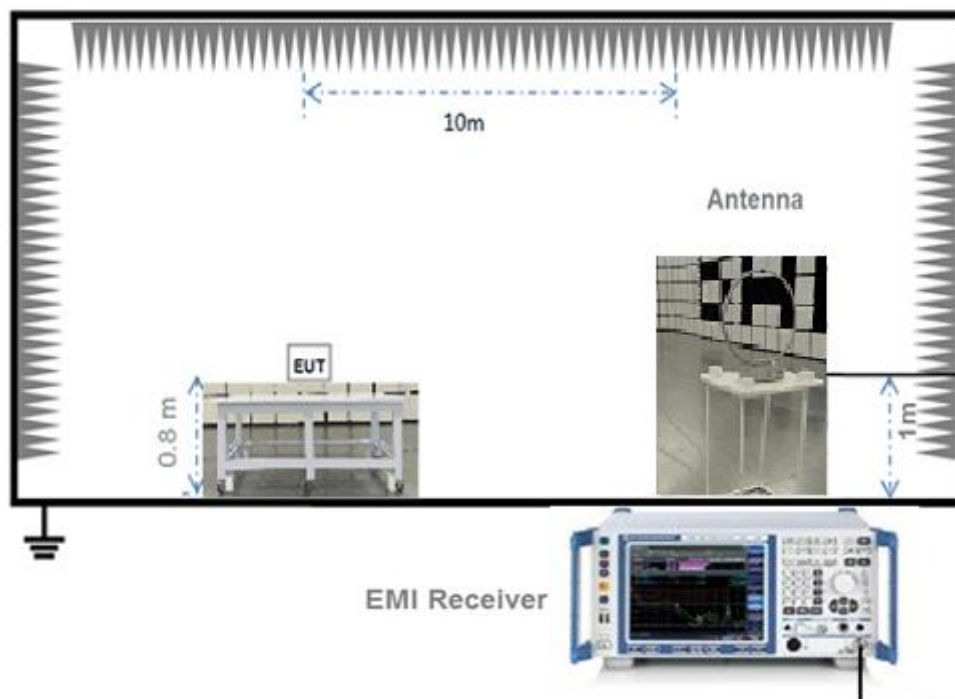
(Diagram 1)

4.5.2 For AC Power Supply Port Test



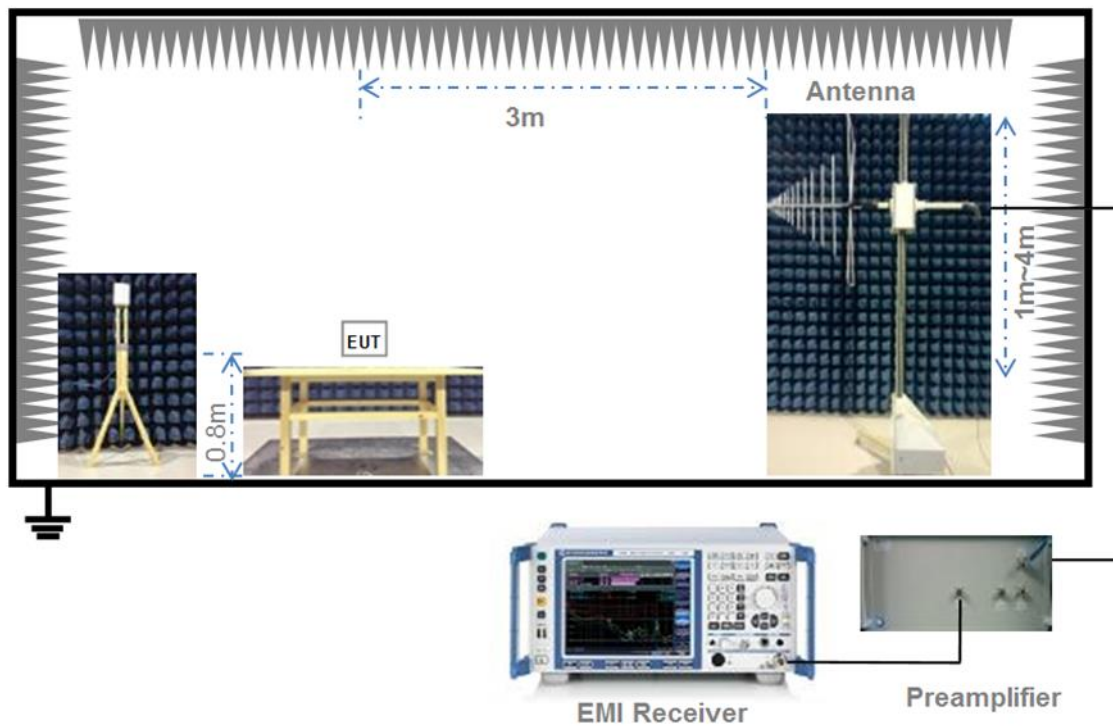
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



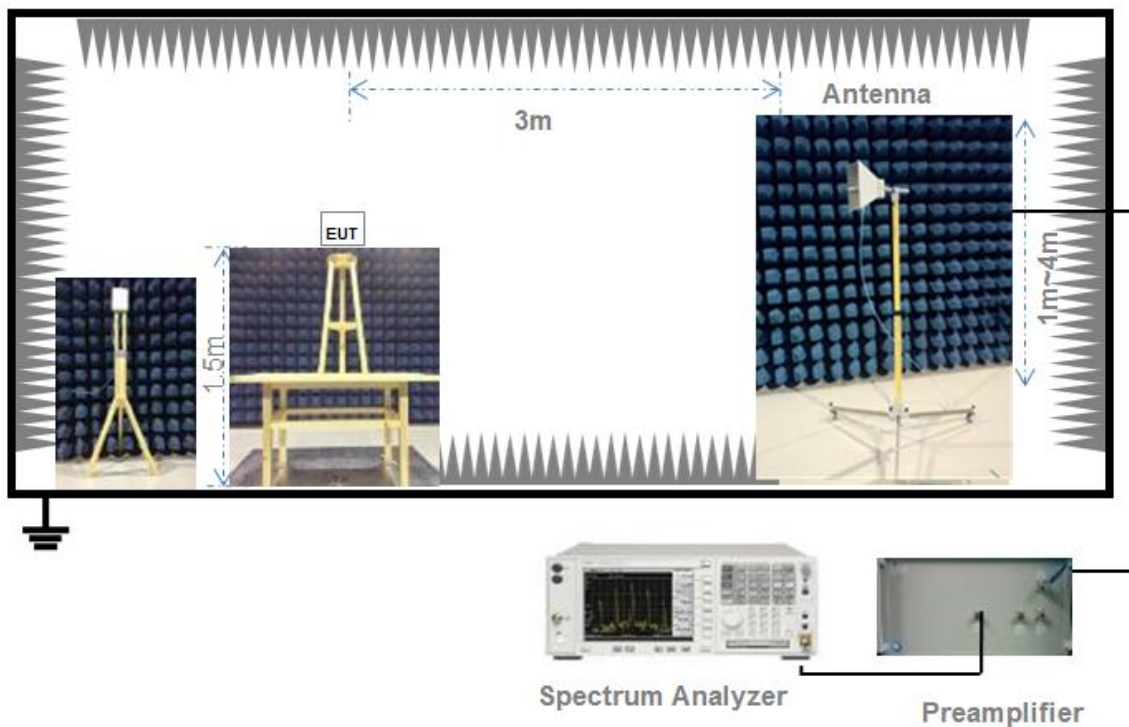
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

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

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

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

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

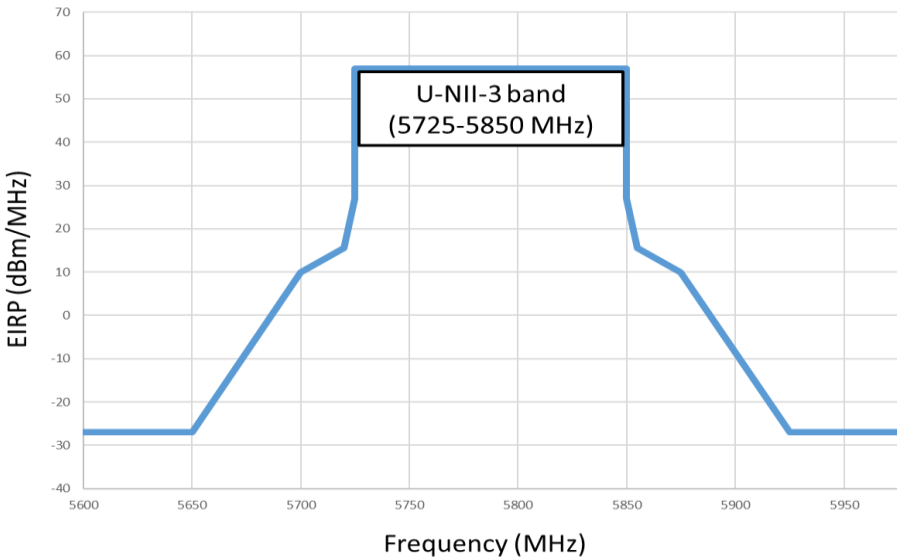
5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

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

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.39	1.46	95.74%	0.19
11n (HT20)/11ac (VHT20)	0.68	0.74	92.09%	0.36
11n (HT40)/11ac (VHT40)	0.35	0.41	85.94%	0.66
11ac (VHT80)	0.19	0.55	34.06%	4.68
11ax (HE20)(SU)	0.56	0.62	90.33%	0.44
11ax (HE40)(SU)	0.32	0.38	84.53%	0.73
11ax (HE80)(SU)	0.19	0.57	33.55%	4.74

Test DataConducted PowerSISO-Antenna 1

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.30	21.38	1000	Pass
11a	CH44	14.83	30.40	1000	Pass
11a	CH48	14.76	29.92	1000	Pass
11n (HT20)	CH36	12.82	19.13	1000	Pass
11n (HT20)	CH44	14.57	28.63	1000	Pass
11n (HT20)	CH48	14.86	30.60	1000	Pass
11n (HT40)	CH38	11.27	13.39	1000	Pass
11n (HT40)	CH46	14.93	31.10	1000	Pass
11ac (VHT20)	CH36	12.04	15.99	1000	Pass
11ac (VHT20)	CH44	14.70	29.50	1000	Pass
11ac (VHT20)	CH48	14.88	30.74	1000	Pass
11ac (VHT40)	CH38	10.58	11.42	1000	Pass
11ac (VHT40)	CH46	14.71	29.57	1000	Pass
11ac (VHT80)	CH42	11.95	15.66	1000	Pass
11ax (HE20) (SU)	CH36	11.32	13.56	1000	Pass
11ax (HE20) (SU)	CH44	14.66	29.25	1000	Pass
11ax (HE20) (SU)	CH48	14.51	28.26	1000	Pass
11ax (HE40) (SU)	CH38	10.35	10.84	1000	Pass
11ax (HE40) (SU)	CH46	14.58	28.71	1000	Pass
11ax (HE80) (SU)	CH42	11.99	15.82	1000	Pass
11ax (HE20) (RU26)	CH36	3.59	2.29	1000	Pass
11ax (HE20) (RU26)	CH44	4.38	2.74	1000	Pass
11ax (HE20) (RU26)	CH48	8.09	6.44	1000	Pass
11ax (HE40) (RU26)	CH38	-0.59	0.87	1000	Pass
11ax (HE40) (RU26)	CH46	0.08	1.02	1000	Pass
11ax (HE80) (RU26)	CH42	1.07	1.28	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.42	27.66	1000	Pass
11a	CH157	14.50	28.18	1000	Pass
11a	CH165	14.54	28.44	1000	Pass
11n (HT20)	CH149	14.43	27.72	1000	Pass
11n (HT20)	CH157	14.53	28.36	1000	Pass
11n (HT20)	CH165	14.63	29.03	1000	Pass
11n (HT40)	CH151	14.78	30.05	1000	Pass
11n (HT40)	CH159	14.73	29.70	1000	Pass
11ac (VHT20)	CH149	14.48	28.04	1000	Pass
11ac (VHT20)	CH157	14.57	28.63	1000	Pass
11ac (VHT20)	CH165	14.78	30.05	1000	Pass
11ac (VHT40)	CH151	14.94	31.18	1000	Pass
11ac (VHT40)	CH159	14.74	29.77	1000	Pass
11ac (VHT80)	CH155	14.62	28.96	1000	Pass
11ax (HE20) (SU)	CH149	14.48	28.06	1000	Pass
11ax (HE20) (SU)	CH157	14.50	28.19	1000	Pass
11ax (HE20) (SU)	CH165	14.71	29.59	1000	Pass
11ax (HE40) (SU)	CH151	11.69	14.76	1000	Pass
11ax (HE40) (SU)	CH159	14.80	30.20	1000	Pass
11ax (HE80) (SU)	CH155	14.63	29.06	1000	Pass
11ax (HE20) (RU26)	CH149	6.79	4.78	1000	Pass
11ax (HE20) (RU26)	CH157	7.18	5.23	1000	Pass
11ax (HE20) (RU26)	CH165	4.99	3.16	1000	Pass
11ax (HE40) (RU26)	CH151	2.71	1.87	1000	Pass
11ax (HE40) (RU26)	CH159	3.04	2.01	1000	Pass
11ax (HE80) (RU26)	CH155	8.65	7.33	1000	Pass

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U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.21	20.94	1000	Pass
11a	CH44	13.94	24.77	1000	Pass
11a	CH48	14.34	27.16	1000	Pass
11n (HT20)	CH36	13.02	20.03	1000	Pass
11n (HT20)	CH44	14.75	29.84	1000	Pass
11n (HT20)	CH48	14.36	27.28	1000	Pass
11n (HT40)	CH38	11.54	14.25	1000	Pass
11n (HT40)	CH46	14.55	28.50	1000	Pass
11ac (VHT20)	CH36	11.79	15.09	1000	Pass
11ac (VHT20)	CH44	14.67	29.29	1000	Pass
11ac (VHT20)	CH48	14.52	28.30	1000	Pass
11ac (VHT40)	CH38	10.50	11.22	1000	Pass
11ac (VHT40)	CH46	14.55	28.50	1000	Pass
11ac (VHT80)	CH42	12.14	16.36	1000	Pass
11ax (HE20) (SU)	CH36	10.65	11.62	1000	Pass
11ax (HE20) (SU)	CH44	14.18	26.19	1000	Pass
11ax (HE20) (SU)	CH48	14.83	30.42	1000	Pass
11ax (HE40) (SU)	CH38	10.48	11.17	1000	Pass
11ax (HE40) (SU)	CH46	14.37	27.35	1000	Pass
11ax (HE80) (SU)	CH42	12.02	15.93	1000	Pass
11ax (HE20) (RU26)	CH36	3.40	2.19	1000	Pass
11ax (HE20) (RU26)	CH44	4.28	2.68	1000	Pass
11ax (HE20) (RU26)	CH48	8.12	6.49	1000	Pass
11ax (HE40) (RU26)	CH38	-0.76	0.84	1000	Pass
11ax (HE40) (RU26)	CH46	-0.32	0.93	1000	Pass
11ax (HE80) (RU26)	CH42	0.99	1.26	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.90	24.54	1000	Pass
11a	CH157	13.79	23.93	1000	Pass
11a	CH165	13.69	23.38	1000	Pass
11n (HT20)	CH149	14.01	25.16	1000	Pass
11n (HT20)	CH157	13.67	23.27	1000	Pass
11n (HT20)	CH165	13.91	24.59	1000	Pass
11n (HT40)	CH151	14.39	27.47	1000	Pass
11n (HT40)	CH159	14.06	25.46	1000	Pass
11ac (VHT20)	CH149	14.02	25.22	1000	Pass
11ac (VHT20)	CH157	13.97	24.93	1000	Pass
11ac (VHT20)	CH165	13.86	24.31	1000	Pass
11ac (VHT40)	CH151	14.35	27.22	1000	Pass
11ac (VHT40)	CH159	14.15	25.99	1000	Pass
11ac (VHT80)	CH155	14.24	26.53	1000	Pass
11ax (HE20) (SU)	CH149	14.32	27.05	1000	Pass
11ax (HE20) (SU)	CH157	13.84	24.22	1000	Pass
11ax (HE20) (SU)	CH165	14.22	26.43	1000	Pass
11ax (HE40) (SU)	CH151	11.05	12.73	1000	Pass
11ax (HE40) (SU)	CH159	14.43	27.73	1000	Pass
11ax (HE80) (SU)	CH155	14.89	30.85	1000	Pass
11ax (HE20) (RU26)	CH149	6.95	4.96	1000	Pass
11ax (HE20) (RU26)	CH157	6.83	4.82	1000	Pass
11ax (HE20) (RU26)	CH165	5.41	3.48	1000	Pass
11ax (HE40) (RU26)	CH151	3.40	2.19	1000	Pass
11ax (HE40) (RU26)	CH159	2.40	1.74	1000	Pass
11ax (HE80) (RU26)	CH155	8.64	7.32	1000	Pass

MIMO-Antenna 1

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	10.97	12.50	1000	Pass
11a	CH44	10.74	11.86	1000	Pass
11a	CH48	9.41	8.73	1000	Pass
11n (HT20)	CH36	10.80	12.02	1000	Pass
11n (HT20)	CH44	11.17	13.08	1000	Pass
11n (HT20)	CH48	7.46	5.57	1000	Pass
11n (HT40)	CH38	11.42	13.86	1000	Pass
11n (HT40)	CH46	8.35	6.84	1000	Pass
11ac (VHT20)	CH36	10.64	11.58	1000	Pass
11ac (VHT20)	CH44	11.14	12.99	1000	Pass
11ac (VHT20)	CH48	10.77	11.93	1000	Pass
11ac (VHT40)	CH38	7.37	5.46	1000	Pass
11ac (VHT40)	CH46	11.30	13.48	1000	Pass
11ac (VHT80)	CH42	8.55	7.16	1000	Pass
11ax (HE20) (SU)	CH36	9.09	8.11	1000	Pass
11ax (HE20) (SU)	CH44	11.11	12.92	1000	Pass
11ax (HE20) (SU)	CH48	10.92	12.36	1000	Pass
11ax (HE40) (SU)	CH38	6.85	4.84	1000	Pass
11ax (HE40) (SU)	CH46	11.25	13.33	1000	Pass
11ax (HE80) (SU)	CH42	8.30	6.76	1000	Pass
11ax (HE20) (RU26)	CH36	0.28	1.07	1000	Pass
11ax (HE20) (RU26)	CH44	0.90	1.23	1000	Pass
11ax (HE20) (RU26)	CH48	4.59	2.88	1000	Pass
11ax (HE40) (RU26)	CH38	-4.23	0.38	1000	Pass
11ax (HE40) (RU26)	CH46	-2.52	0.56	1000	Pass
11ax (HE80) (RU26)	CH42	1.25	1.33	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	10.77	11.94	1000	Pass
11a	CH157	10.83	12.10	1000	Pass
11a	CH165	10.80	12.02	1000	Pass
11n (HT20)	CH149	10.95	12.44	1000	Pass
11n (HT20)	CH157	11.05	12.73	1000	Pass
11n (HT20)	CH165	11.23	13.27	1000	Pass
11n (HT40)	CH151	11.23	13.27	1000	Pass
11n (HT40)	CH159	11.13	12.97	1000	Pass
11ac (VHT20)	CH149	10.86	12.18	1000	Pass
11ac (VHT20)	CH157	11.04	12.70	1000	Pass
11ac (VHT20)	CH165	11.14	12.99	1000	Pass
11ac (VHT40)	CH151	11.29	13.45	1000	Pass
11ac (VHT40)	CH159	11.27	13.39	1000	Pass
11ac (VHT80)	CH155	10.99	12.55	1000	Pass
11ax (HE20) (SU)	CH149	11.22	13.25	1000	Pass
11ax (HE20) (SU)	CH157	11.16	13.07	1000	Pass
11ax (HE20) (SU)	CH165	11.21	13.22	1000	Pass
11ax (HE40) (SU)	CH151	8.04	6.37	1000	Pass
11ax (HE40) (SU)	CH159	11.24	13.30	1000	Pass
11ax (HE80) (SU)	CH155	11.30	13.50	1000	Pass
11ax (HE20) (RU26)	CH149	3.79	2.39	1000	Pass
11ax (HE20) (RU26)	CH157	3.58	2.28	1000	Pass
11ax (HE20) (RU26)	CH165	1.95	1.57	1000	Pass
11ax (HE40) (RU26)	CH151	2.44	1.75	1000	Pass
11ax (HE40) (RU26)	CH159	-0.47	0.90	1000	Pass
11ax (HE80) (RU26)	CH155	5.31	3.40	1000	Pass

MIMO-Antenna 2

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	9.67	9.27	1000	Pass
11a	CH44	10.59	11.45	1000	Pass
11a	CH48	10.79	12.00	1000	Pass
11n (HT20)	CH36	9.31	8.53	1000	Pass
11n (HT20)	CH44	10.66	11.63	1000	Pass
11n (HT20)	CH48	10.96	12.46	1000	Pass
11n (HT40)	CH38	8.22	6.63	1000	Pass
11n (HT40)	CH46	11.54	14.25	1000	Pass
11ac (VHT20)	CH36	8.14	6.51	1000	Pass
11ac (VHT20)	CH44	10.81	12.04	1000	Pass
11ac (VHT20)	CH48	11.15	13.02	1000	Pass
11ac (VHT40)	CH38	7.49	5.61	1000	Pass
11ac (VHT40)	CH46	11.54	14.25	1000	Pass
11ac (VHT80)	CH42	8.65	7.32	1000	Pass
11ax (HE20) (SU)	CH36	8.65	7.33	1000	Pass
11ax (HE20) (SU)	CH44	11.23	13.28	1000	Pass
11ax (HE20) (SU)	CH48	11.12	12.95	1000	Pass
11ax (HE40) (SU)	CH38	6.96	4.97	1000	Pass
11ax (HE40) (SU)	CH46	11.49	14.09	1000	Pass
11ax (HE80) (SU)	CH42	8.63	7.30	1000	Pass
11ax (HE20) (RU26)	CH36	-0.02	1.00	1000	Pass
11ax (HE20) (RU26)	CH44	0.90	1.23	1000	Pass
11ax (HE20) (RU26)	CH48	4.59	2.88	1000	Pass
11ax (HE40) (RU26)	CH38	-4.23	0.38	1000	Pass
11ax (HE40) (RU26)	CH46	-3.88	0.41	1000	Pass
11ax (HE80) (RU26)	CH42	-2.12	0.61	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	11.08	12.82	1000	Pass
11a	CH157	11.00	12.59	1000	Pass
11a	CH165	10.98	12.53	1000	Pass
11n (HT20)	CH149	11.26	13.36	1000	Pass
11n (HT20)	CH157	11.27	13.39	1000	Pass
11n (HT20)	CH165	10.80	12.02	1000	Pass
11n (HT40)	CH151	11.43	13.89	1000	Pass
11n (HT40)	CH159	11.20	13.18	1000	Pass
11ac (VHT20)	CH149	11.12	12.94	1000	Pass
11ac (VHT20)	CH157	10.94	12.41	1000	Pass
11ac (VHT20)	CH165	11.17	13.08	1000	Pass
11ac (VHT40)	CH151	11.27	13.39	1000	Pass
11ac (VHT40)	CH159	11.45	13.96	1000	Pass
11ac (VHT80)	CH155	11.19	13.15	1000	Pass
11ax (HE20) (SU)	CH149	11.03	12.68	1000	Pass
11ax (HE20) (SU)	CH157	11.12	12.95	1000	Pass
11ax (HE20) (SU)	CH165	11.00	12.59	1000	Pass
11ax (HE40) (SU)	CH151	7.94	6.22	1000	Pass
11ax (HE40) (SU)	CH159	11.67	14.69	1000	Pass
11ax (HE80) (SU)	CH155	11.68	14.73	1000	Pass
11ax (HE20) (RU26)	CH149	4.05	2.54	1000	Pass
11ax (HE20) (RU26)	CH157	3.58	2.28	1000	Pass
11ax (HE20) (RU26)	CH165	1.95	1.57	1000	Pass
11ax (HE40) (RU26)	CH151	0.41	1.10	1000	Pass
11ax (HE40) (RU26)	CH159	-0.59	0.87	1000	Pass
11ax (HE80) (RU26)	CH155	3.77	2.38	1000	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.38	21.77	1000	Pass
11a	CH44	13.67	23.30	1000	Pass
11a	CH48	13.17	20.73	1000	Pass
11n (HT20)	CH36	13.13	20.54	1000	Pass
11n (HT20)	CH44	13.93	24.71	1000	Pass
11n (HT20)	CH48	12.56	18.03	1000	Pass
11n (HT40)	CH38	13.12	20.50	1000	Pass
11n (HT40)	CH46	13.24	21.09	1000	Pass
11ac (VHT20)	CH36	12.58	18.09	1000	Pass
11ac (VHT20)	CH44	13.99	25.04	1000	Pass
11ac (VHT20)	CH48	13.97	24.96	1000	Pass
11ac (VHT40)	CH38	10.44	11.06	1000	Pass
11ac (VHT40)	CH46	14.43	27.73	1000	Pass
11ac (VHT80)	CH42	11.61	14.48	1000	Pass
11ax (HE20) (SU)	CH36	11.89	15.44	1000	Pass
11ax (HE20) (SU)	CH44	14.18	26.19	1000	Pass
11ax (HE20) (SU)	CH48	14.03	25.31	1000	Pass
11ax (HE40) (SU)	CH38	9.92	9.81	1000	Pass
11ax (HE40) (SU)	CH46	14.38	27.43	1000	Pass
11ax (HE80) (SU)	CH42	11.48	14.06	1000	Pass
11ax (HE20) (RU26)	CH36	3.14	2.06	1000	Pass
11ax (HE20) (RU26)	CH44	3.91	2.46	1000	Pass
11ax (HE20) (RU26)	CH48	7.60	5.76	1000	Pass
11ax (HE40) (RU26)	CH38	-1.22	0.76	1000	Pass
11ax (HE40) (RU26)	CH46	-0.14	0.97	1000	Pass
11ax (HE80) (RU26)	CH42	2.90	1.95	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.94	24.76	1000	Pass
11a	CH157	13.93	24.69	1000	Pass
11a	CH165	13.90	24.55	1000	Pass
11n (HT20)	CH149	14.12	25.80	1000	Pass
11n (HT20)	CH157	14.17	26.12	1000	Pass
11n (HT20)	CH165	14.03	25.28	1000	Pass
11n (HT40)	CH151	14.34	27.16	1000	Pass
11n (HT40)	CH159	14.17	26.14	1000	Pass
11ac (VHT20)	CH149	14.00	25.12	1000	Pass
11ac (VHT20)	CH157	14.00	25.11	1000	Pass
11ac (VHT20)	CH165	14.16	26.08	1000	Pass
11ac (VHT40)	CH151	14.29	26.84	1000	Pass
11ac (VHT40)	CH159	14.37	27.35	1000	Pass
11ac (VHT80)	CH155	14.10	25.70	1000	Pass
11ax (HE20) (SU)	CH149	14.14	25.93	1000	Pass
11ax (HE20) (SU)	CH157	14.15	26.01	1000	Pass
11ax (HE20) (SU)	CH165	14.12	25.81	1000	Pass
11ax (HE40) (SU)	CH151	11.00	12.59	1000	Pass
11ax (HE40) (SU)	CH159	14.47	27.99	1000	Pass
11ax (HE80) (SU)	CH155	14.51	28.23	1000	Pass
11ax (HE20) (RU26)	CH149	6.93	4.94	1000	Pass
11ax (HE20) (RU26)	CH157	6.59	4.56	1000	Pass
11ax (HE20) (RU26)	CH165	4.96	3.13	1000	Pass
11ax (HE40) (RU26)	CH151	4.55	2.85	1000	Pass
11ax (HE40) (RU26)	CH159	2.48	1.77	1000	Pass
11ax (HE80) (RU26)	CH155	7.62	5.78	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note 1: Test plots please refer to the document “Annex No.: BL-SZ2430942-602 Data Part 1.pdf”.

Note 2: All antenna were tested, but only the worst case has been reported in this report.

Note 3: All the configurations were pre tested, only the worst configuration has been reported in this report.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.18	16.54
11a	CH44	20.14	16.58
11a	CH48	20.20	16.56
11n (HT20)	CH36	20.50	17.65
11n (HT20)	CH44	20.48	17.64
11n (HT20)	CH48	20.48	17.65
11n (HT40)	CH38	40.23	35.95
11n (HT40)	CH46	40.65	35.90
11ac (VHT20)	CH36	20.47	17.66
11ac (VHT20)	CH44	20.37	17.64
11ac (VHT20)	CH48	20.43	17.65
11ac (VHT40)	CH38	40.41	35.94
11ac (VHT40)	CH46	40.30	35.88
11ac (VHT80)	CH42	79.82	75.45
11ax (HE20) (SU)	CH36	33.02	19.18
11ax (HE20) (SU)	CH44	27.78	19.13
11ax (HE20) (SU)	CH48	19.93	18.84
11ax (HE40) (SU)	CH38	39.50	37.48
11ax (HE40) (SU)	CH46	39.62	37.46
11ax (HE80) (SU)	CH42	80.15	76.84

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.13	16.55
11a	CH157	20.28	16.60
11a	CH165	20.21	16.58
11n (HT20)	CH149	20.49	17.67
11n (HT20)	CH157	20.49	17.65
11n (HT20)	CH165	20.48	17.65
11n (HT40)	CH151	40.37	35.87
11n (HT40)	CH159	40.29	35.95
11ac (VHT20)	CH149	20.56	17.66
11ac (VHT20)	CH157	20.45	17.65
11ac (VHT20)	CH165	20.47	17.67
11ac (VHT40)	CH151	40.13	35.91
11ac (VHT40)	CH159	40.73	35.93
11ac (VHT80)	CH155	79.82	75.24
11ax (HE20) (SU)	CH149	25.26	19.11
11ax (HE20) (SU)	CH157	28.87	19.09
11ax (HE20) (SU)	CH165	30.45	19.12
11ax (HE40) (SU)	CH151	39.64	37.51
11ax (HE40) (SU)	CH159	39.61	37.48
11ax (HE80) (SU)	CH155	80.14	76.78

A.3 6 dB Bandwidth

Note 1: Test plots please refer to the document “Annex No.: BL-SZ2430942-602 Data Part 2.pdf”.

Note 2: All antenna were tested, but only the worst case has been reported in this report.

Note 3: All the configurations were pre tested, only the worst configuration has been reported in this report.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.00	500.00	Pass
11a	CH157	15.70	500.00	Pass
11a	CH165	15.60	500.00	Pass
11n (HT20)	CH149	16.40	500.00	Pass
11n (HT20)	CH157	15.60	500.00	Pass
11n (HT20)	CH165	16.70	500.00	Pass
11n (HT40)	CH151	35.30	500.00	Pass
11n (HT40)	CH159	35.30	500.00	Pass
11ac (VHT20)	CH149	16.90	500.00	Pass
11ac (VHT20)	CH157	15.70	500.00	Pass
11ac (VHT20)	CH165	15.90	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
11ax (HE20) (SU)	CH149	19.10	500.00	Pass
11ax (HE20) (SU)	CH157	19.10	500.00	Pass
11ax (HE20) (SU)	CH165	19.00	500.00	Pass
11ax (HE40) (SU)	CH151	36.30	500.00	Pass
11ax (HE40) (SU)	CH159	36.10	500.00	Pass
11ax (HE80) (SU)	CH155	75.30	500.00	Pass

A.4 Power Spectral Density

Note 1: Test plots please refer to the document “Annex No.: BL-SZ2430942-602 Data Part 3.pdf”.

Note 2: All antenna were tested, but only the worst case has been reported in this report.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.51	17.00	Pass
11a	CH44	3.99	17.00	Pass
11a	CH48	4.41	17.00	Pass
11n (HT20)	CH36	1.65	17.00	Pass
11n (HT20)	CH44	4.13	17.00	Pass
11n (HT20)	CH48	4.10	17.00	Pass
11n (HT40)	CH38	-1.90	17.00	Pass
11n (HT40)	CH46	-1.55	17.00	Pass
11ac (VHT20)	CH36	-2.16	17.00	Pass
11ac (VHT20)	CH44	4.13	17.00	Pass
11ac (VHT20)	CH48	3.99	17.00	Pass
11ac (VHT40)	CH38	-1.83	17.00	Pass
11ac (VHT40)	CH46	1.59	17.00	Pass
11ac (VHT80)	CH42	-10.85	17.00	Pass
11ax (HE20) (SU)	CH36	1.68	17.00	Pass
11ax (HE20) (SU)	CH44	3.47	17.00	Pass
11ax (HE20) (SU)	CH48	3.94	17.00	Pass
11ax (HE40) (SU)	CH38	-2.14	17.00	Pass
11ax (HE40) (SU)	CH46	1.31	17.00	Pass
11ax (HE80) (SU)	CH42	-10.50	17.00	Pass
11ax (HE20) (RU26)	CH36	0.35	17.00	Pass
11ax (HE20) (RU26)	CH44	0.87	17.00	Pass
11ax (HE20) (RU26)	CH48	3.87	17.00	Pass
11ax (HE40) (RU26)	CH38	-4.41	17.00	Pass
11ax (HE40) (RU26)	CH46	-4.12	17.00	Pass
11ax (HE80) (RU26)	CH42	-7.03	17.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	1.33	30.00	Pass
11a	CH157	0.93	30.00	Pass
11a	CH165	1.20	30.00	Pass
11n (HT20)	CH149	0.66	30.00	Pass
11n (HT20)	CH157	0.25	30.00	Pass
11n (HT20)	CH165	0.82	30.00	Pass
11n (HT40)	CH151	-1.58	30.00	Pass
11n (HT40)	CH159	-1.93	30.00	Pass
11ac (VHT20)	CH149	0.77	30.00	Pass
11ac (VHT20)	CH157	0.68	30.00	Pass
11ac (VHT20)	CH165	0.96	30.00	Pass
11ac (VHT40)	CH151	-1.52	30.00	Pass
11ac (VHT40)	CH159	-1.96	30.00	Pass
11ac (VHT80)	CH155	-10.80	30.00	Pass
11ax (HE20) (SU)	CH149	0.59	30.00	Pass
11ax (HE20) (SU)	CH157	-0.12	30.00	Pass
11ax (HE20) (SU)	CH165	0.44	30.00	Pass
11ax (HE40) (SU)	CH151	-1.87	30.00	Pass
11ax (HE40) (SU)	CH159	-1.77	30.00	Pass
11ax (HE80) (SU)	CH155	-10.01	30.00	Pass
11ax (HE20) (RU26)	CH149	1.02	30.00	Pass
11ax (HE20) (RU26)	CH157	0.22	30.00	Pass
11ax (HE20) (RU26)	CH165	-1.09	30.00	Pass
11ax (HE40) (RU26)	CH151	-3.99	30.00	Pass
11ax (HE40) (RU26)	CH159	-4.41	30.00	Pass
11ax (HE80) (RU26)	CH155	-1.63	30.00	Pass

A.5 Conducted Emissions

Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

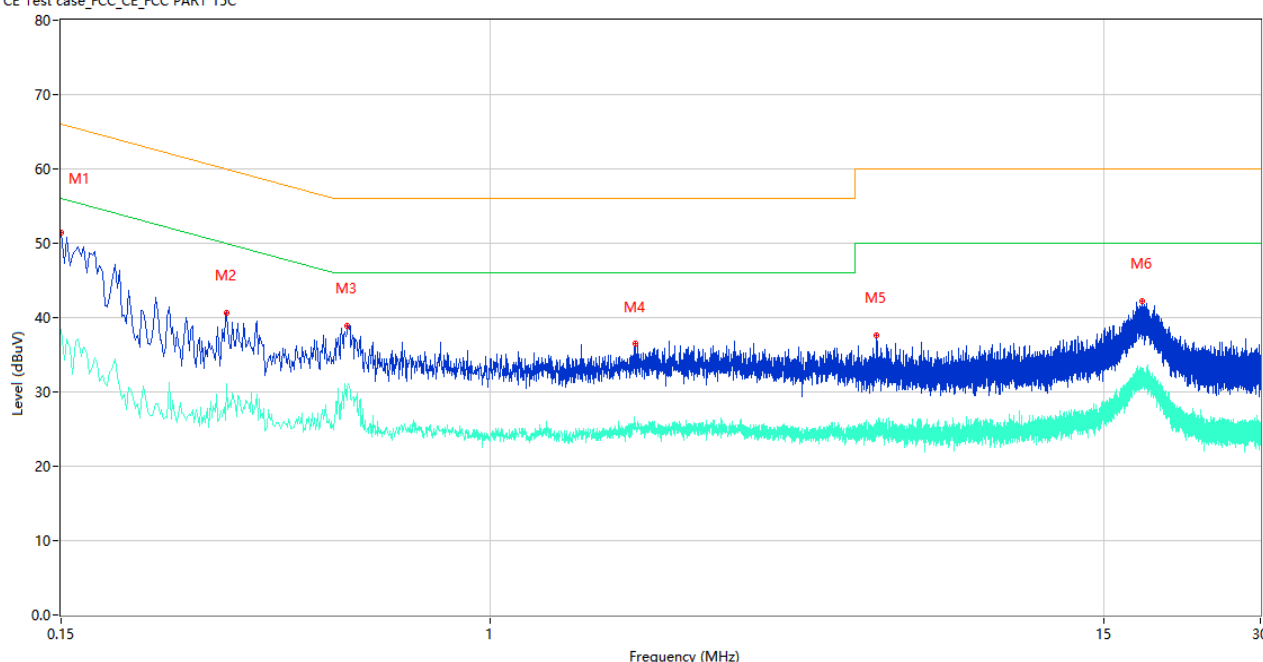
Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Note³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

PHASE L

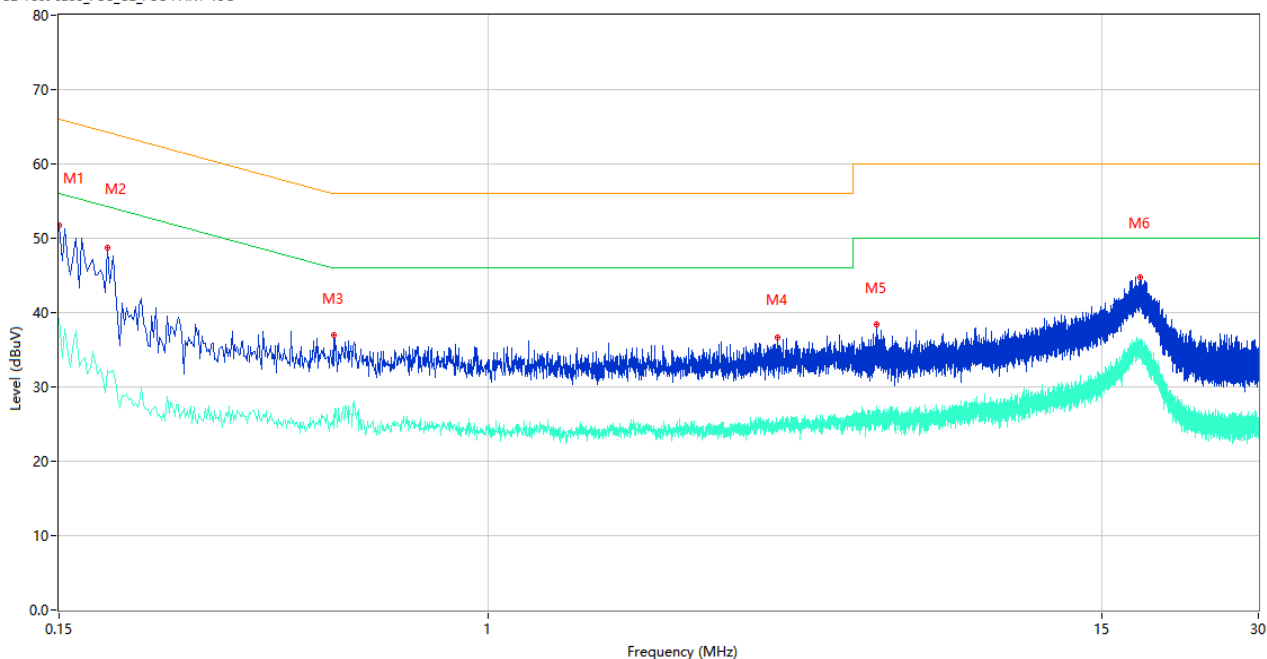
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	51.39	9.78	66.00	14.61	Peak	L	Pass
1**	0.150	38.44	9.78	56.00	17.56	AV	L	Pass
2	0.312	40.70	10.00	59.92	19.22	Peak	L	Pass
2**	0.312	31.19	10.00	49.92	18.73	AV	L	Pass
3	0.532	38.96	10.01	56.00	17.04	Peak	L	Pass
3**	0.532	30.48	10.01	46.00	15.52	AV	L	Pass
4	1.898	36.50	10.75	56.00	19.50	Peak	L	Pass
4**	1.898	25.86	10.75	46.00	20.14	AV	L	Pass
5	5.510	37.68	10.41	60.00	22.32	Peak	L	Pass
5**	5.510	25.61	10.41	50.00	24.39	AV	L	Pass
6	17.818	42.24	10.79	60.00	17.76	Peak	L	Pass
6**	17.818	31.92	10.79	50.00	18.08	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	51.75	9.78	66.00	14.25	Peak	N	Pass
1**	0.150	39.27	9.78	56.00	16.73	AV	N	Pass
2	0.186	48.66	9.78	64.21	15.55	Peak	N	Pass
2**	0.186	32.22	9.78	54.21	21.99	AV	N	Pass
3	0.504	36.95	9.98	56.00	19.05	Peak	N	Pass
3**	0.504	26.27	9.98	46.00	19.73	AV	N	Pass
4	3.580	36.72	10.31	56.00	19.28	Peak	N	Pass
4**	3.580	25.28	10.31	46.00	20.72	AV	N	Pass
5	5.546	38.39	10.51	60.00	21.61	Peak	N	Pass
5**	5.546	25.57	10.51	50.00	24.43	AV	N	Pass
6	17.816	44.73	10.78	60.00	15.27	Peak	N	Pass
6**	17.816	36.04	10.78	50.00	13.96	AV	N	Pass

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

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

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

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

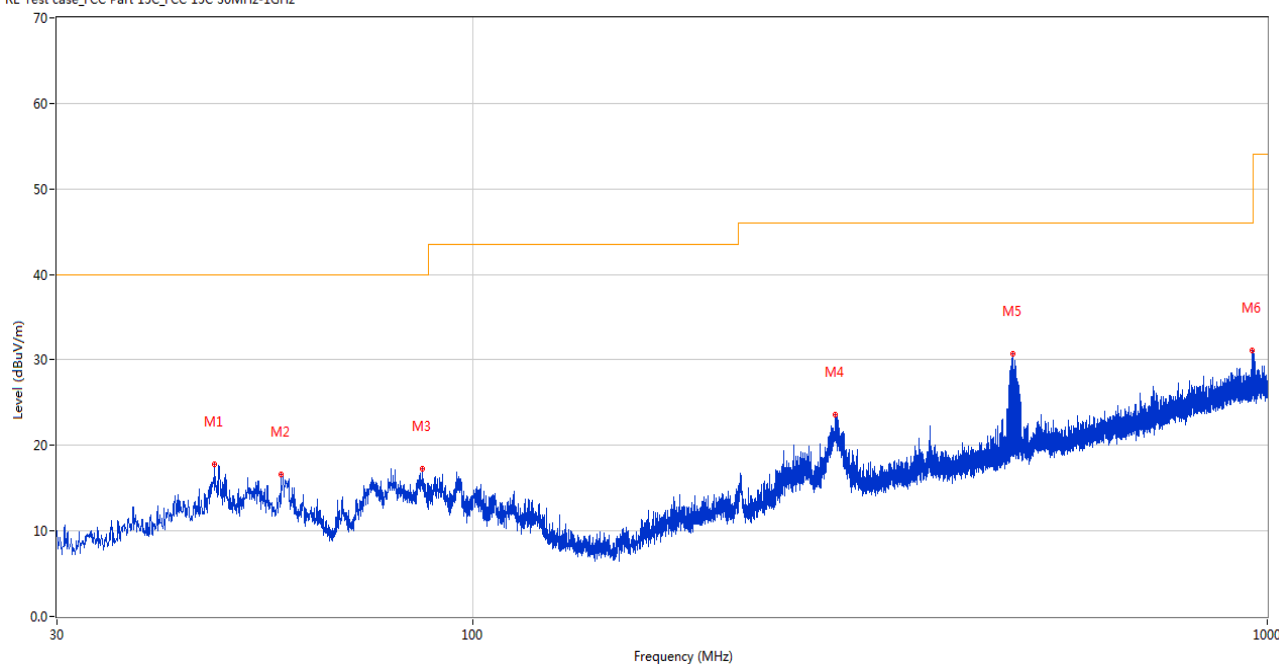
Note ⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Note ⁵: For Multiple transmitter output, the quantity $10 \log (NANT)$ dB is added to each spectrum value before comparing to the emission limit. When testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding $10 \log (NANT)$ if the measurements are made relative to the in-band emissions on the individual outputs.

Test Data and Plots

30 MHz to 1 GHz, ANT H

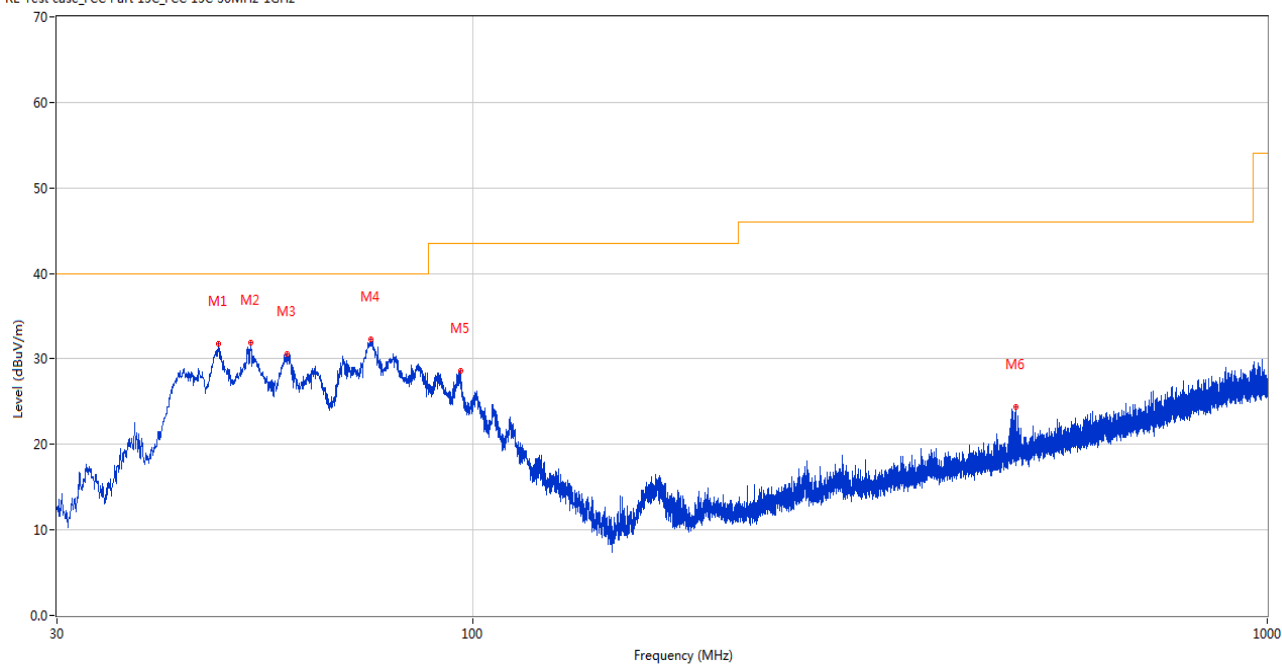
RE Test case_FCC Part 15C_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.411	17.85	-22.78	40.0	22.15	Peak	21.70	200	Horizontal	Pass
2	57.403	16.56	-24.01	40.0	23.44	Peak	43.60	100	Horizontal	Pass
3	86.503	17.31	-26.96	40.0	22.69	Peak	6.90	200	Horizontal	Pass
4	286.080	23.55	-22.09	46.0	22.45	Peak	178.00	100	Horizontal	Pass
5	479.158	30.71	-16.98	46.0	15.29	Peak	4.70	100	Horizontal	Pass
6	958.338	31.07	-9.03	46.0	14.93	Peak	355.80	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.945	31.72	-22.65	40.0	8.28	Peak	0.20	100	Vertical	Pass
2	52.553	31.89	-23.08	40.0	8.11	Peak	119.00	100	Vertical	Pass
3	58.373	30.62	-24.08	40.0	9.38	Peak	290.60	100	Vertical	Pass
4	74.523	32.32	-28.52	40.0	7.68	Peak	154.40	200	Vertical	Pass
5	96.542	28.55	-24.79	43.5	14.95	Peak	357.50	100	Vertical	Pass
6	483.330	24.38	-17.13	46.0	21.62	Peak	110.40	100	Vertical	Pass

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

Note 2: All antenna were tested, but only the worst case has been reported in this report.

Note 3: All the configurations were pre tested, only the worst configuration has been reported in this report.

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.400	39.33	-16.72	74.0	34.67	Peak	183.00	400	Horizontal	Pass
1**	1486.400	29.40	-16.72	54.0	24.60	AV	183.00	400	Horizontal	Pass
2	4373.800	50.87	-3.88	74.0	23.13	Peak	138.00	300	Horizontal	Pass
2**	4373.800	41.05	-3.88	54.0	12.95	AV	138.00	300	Horizontal	Pass
3	5178.800	104.07	-2.53	--	--	Peak	118.00	150	Horizontal	N/A
3**	5178.800	96.29	-2.53	--	--	AV	118.00	150	Horizontal	N/A
4	7339.537	50.04	-2.93	74.0	23.96	Peak	13.00	200	Horizontal	Pass
4**	7339.537	41.14	-2.93	54.0	12.86	AV	13.00	200	Horizontal	Pass
5	11511.737	52.70	-0.26	74.0	21.30	Peak	315.00	200	Horizontal	Pass
5**	11511.737	43.41	-0.26	54.0	10.59	AV	315.00	200	Horizontal	Pass
6	15650.888	56.83	1.18	74.0	17.17	Peak	58.00	400	Horizontal	Pass
6**	15650.888	45.84	1.18	54.0	8.16	AV	58.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.600	41.51	-17.34	74.0	32.49	Peak	184.00	100	Vertical	Pass
1**	1598.600	29.70	-17.34	54.0	24.30	AV	184.00	100	Vertical	Pass
2	4382.000	49.99	-3.64	74.0	24.01	Peak	218.00	300	Vertical	Pass
2**	4382.000	41.42	-3.64	54.0	12.58	AV	218.00	300	Vertical	Pass
3	5177.000	108.40	-2.52	--	--	Peak	145.00	200	Vertical	N/A
3**	5177.000	100.48	-2.52	--	--	AV	145.00	200	Vertical	N/A
4	7333.212	50.37	-3.14	74.0	23.63	Peak	294.00	100	Vertical	Pass
4**	7333.212	40.64	-3.14	54.0	13.36	AV	294.00	100	Vertical	Pass
5	12486.938	53.17	1.65	74.0	20.83	Peak	343.00	100	Vertical	Pass
5**	12486.938	43.92	1.65	54.0	10.08	AV	343.00	100	Vertical	Pass
6	15541.950	57.69	0.64	74.0	16.31	Peak	326.00	150	Vertical	Pass
6**	15541.950	50.90	0.64	54.0	3.10	AV	326.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.100	39.43	-17.16	74.0	34.57	Peak	50.00	200	Horizontal	Pass
1**	1542.100	29.66	-17.16	54.0	24.34	AV	50.00	200	Horizontal	Pass
2	4382.200	50.27	-3.64	74.0	23.73	Peak	218.00	100	Horizontal	Pass
2**	4382.200	41.60	-3.64	54.0	12.40	AV	218.00	100	Horizontal	Pass
3	5217.800	99.12	-2.76	--	--	Peak	131.00	150	Horizontal	N/A
3**	5217.800	91.29	-2.76	--	--	AV	131.00	150	Horizontal	N/A
4	7394.163	49.61	-3.85	74.0	24.39	Peak	279.00	100	Horizontal	Pass
4**	7394.163	40.47	-3.85	54.0	13.53	AV	279.00	100	Horizontal	Pass
5	12306.388	53.95	1.38	74.0	20.05	Peak	314.00	200	Horizontal	Pass
5**	12306.388	43.55	1.38	54.0	10.45	AV	314.00	200	Horizontal	Pass
6	15818.100	55.89	1.95	74.0	18.11	Peak	157.00	300	Horizontal	Pass
6**	15818.100	46.71	1.95	54.0	7.29	AV	157.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.500	39.10	-17.03	74.0	34.90	Peak	149.00	100	Vertical	Pass
1**	1587.500	30.08	-17.03	54.0	23.92	AV	149.00	100	Vertical	Pass
2	4382.600	50.82	-3.64	74.0	23.18	Peak	211.00	400	Vertical	Pass
2**	4382.600	41.84	-3.64	54.0	12.16	AV	211.00	400	Vertical	Pass
3	5222.200	103.37	-2.70	--	--	Peak	148.00	200	Vertical	N/A
3**	5222.200	96.25	-2.70	--	--	AV	148.00	200	Vertical	N/A
4	7346.150	49.61	-3.53	74.0	24.39	Peak	256.00	100	Vertical	Pass
4**	7346.150	41.09	-3.53	54.0	12.91	AV	256.00	100	Vertical	Pass
5	12280.513	53.75	1.80	74.0	20.25	Peak	33.00	200	Vertical	Pass
5**	12280.513	44.05	1.80	54.0	9.95	AV	33.00	200	Vertical	Pass
6	15815.474	55.77	2.04	74.0	18.23	Peak	59.00	200	Vertical	Pass
6**	15815.474	46.60	2.04	54.0	7.40	AV	59.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.600	39.03	-16.96	74.0	34.97	Peak	167.00	200	Horizontal	Pass
1**	1501.600	29.57	-16.96	54.0	24.43	AV	167.00	200	Horizontal	Pass
2	4297.000	50.10	-3.98	74.0	23.90	Peak	75.00	400	Horizontal	Pass
2**	4297.000	40.56	-3.98	54.0	13.44	AV	75.00	400	Horizontal	Pass
3	5241.600	99.16	-2.54	--	--	Peak	132.00	100	Horizontal	N/A
3**	5241.600	91.19	-2.54	--	--	AV	132.00	100	Horizontal	N/A
4	7618.700	49.82	-2.70	74.0	24.18	Peak	0.00	200	Horizontal	Pass
4**	7618.700	39.86	-2.70	54.0	14.14	AV	0.00	200	Horizontal	Pass
5	12532.938	53.40	1.28	74.0	20.60	Peak	108.00	100	Horizontal	Pass
5**	12532.938	42.85	1.28	54.0	11.15	AV	108.00	100	Horizontal	Pass
6	15831.224	55.86	1.48	74.0	18.14	Peak	138.00	200	Horizontal	Pass
6**	15831.224	46.71	1.48	54.0	7.29	AV	138.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.700	39.39	-16.94	74.0	34.61	Peak	92.00	400	Vertical	Pass
1**	1622.700	29.72	-16.94	54.0	24.28	AV	92.00	400	Vertical	Pass
2	4383.800	51.00	-3.64	74.0	23.00	Peak	239.00	100	Vertical	Pass
2**	4383.800	41.57	-3.64	54.0	12.43	AV	239.00	100	Vertical	Pass
3	5238.000	103.62	-2.55	--	--	Peak	81.00	150	Vertical	N/A
3**	5238.000	96.12	-2.55	--	--	AV	81.00	150	Vertical	N/A
4	7635.663	49.58	-3.02	74.0	24.42	Peak	101.00	300	Vertical	Pass
4**	7635.663	40.40	-3.02	54.0	13.60	AV	101.00	300	Vertical	Pass
5	12444.675	52.86	1.81	74.0	21.14	Peak	74.00	200	Vertical	Pass
5**	12444.675	43.88	1.81	54.0	10.12	AV	74.00	200	Vertical	Pass
6	15816.263	56.33	2.01	74.0	17.67	Peak	327.00	400	Vertical	Pass
6**	15816.263	46.32	2.01	54.0	7.68	AV	327.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1561.500	39.02	-16.80	74.0	34.98	Peak	112.00	200	Horizontal	Pass
1**	1561.500	29.93	-16.80	54.0	24.07	AV	112.00	200	Horizontal	Pass
2	4380.600	50.24	-3.42	74.0	23.76	Peak	248.00	400	Horizontal	Pass
2**	4380.600	41.59	-3.42	54.0	12.41	AV	248.00	400	Horizontal	Pass
3	5178.800	103.86	-2.53	--	--	Peak	111.00	200	Horizontal	N/A
3**	5178.800	96.03	-2.53	--	--	AV	111.00	200	Horizontal	N/A
4	7337.812	49.94	-2.88	74.0	24.06	Peak	64.00	100	Horizontal	Pass
4**	7337.812	40.97	-2.88	54.0	13.03	AV	64.00	100	Horizontal	Pass
5	11685.100	53.74	0.15	74.0	20.26	Peak	149.00	200	Horizontal	Pass
5**	11685.100	42.20	0.15	54.0	11.80	AV	149.00	200	Horizontal	Pass
6	15803.924	55.82	2.28	74.0	18.18	Peak	49.00	100	Horizontal	Pass
6**	15803.924	47.72	2.28	54.0	6.28	AV	49.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.500	39.53	-16.87	74.0	34.47	Peak	74.00	200	Vertical	Pass
1**	1494.500	31.59	-16.87	54.0	22.41	AV	74.00	200	Vertical	Pass
2	4379.000	49.98	-3.36	74.0	24.02	Peak	195.00	100	Vertical	Pass
2**	4379.000	41.77	-3.36	54.0	12.23	AV	195.00	100	Vertical	Pass
3	5178.400	109.10	-2.52	--	--	Peak	138.00	100	Vertical	N/A
3**	5178.400	101.67	-2.52	--	--	AV	138.00	100	Vertical	N/A
4	7337.238	49.74	-2.96	74.0	24.26	Peak	133.00	200	Vertical	Pass
4**	7337.238	41.27	-2.96	54.0	12.73	AV	133.00	200	Vertical	Pass
5	10364.325	53.16	0.10	68.2	15.04	Peak	314.00	150	Vertical	Pass
5**	10364.325	47.76	0.10	--	--	AV	314.00	150	Vertical	N/A
6	15547.201	57.93	0.71	74.0	16.07	Peak	317.00	300	Vertical	Pass
6**	15547.201	46.48	0.71	54.0	7.52	AV	317.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.100	45.88	-17.17	74.0	28.12	Peak	281.00	100	Horizontal	Pass
1**	1534.100	29.23	-17.17	54.0	24.77	AV	281.00	100	Horizontal	Pass
2	4380.800	50.63	-3.46	74.0	23.37	Peak	165.00	100	Horizontal	Pass
2**	4380.800	41.80	-3.46	54.0	12.20	AV	165.00	100	Horizontal	Pass
3	5221.400	98.15	-2.68	--	--	Peak	142.00	100	Horizontal	N/A
3**	5221.400	90.92	-2.68	--	--	AV	142.00	100	Horizontal	N/A
4	7342.413	50.03	-3.23	74.0	23.97	Peak	314.00	400	Horizontal	Pass
4**	7342.413	41.45	-3.23	54.0	12.55	AV	314.00	400	Horizontal	Pass
5	11931.775	53.70	1.61	74.0	20.30	Peak	232.00	200	Horizontal	Pass
5**	11931.775	43.11	1.61	54.0	10.89	AV	232.00	200	Horizontal	Pass
6	15836.474	55.87	1.45	74.0	18.13	Peak	77.00	200	Horizontal	Pass
6**	15836.474	46.86	1.45	54.0	7.14	AV	77.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.300	39.11	-16.75	74.0	34.89	Peak	187.00	100	Vertical	Pass
1**	1489.300	29.43	-16.75	54.0	24.57	AV	187.00	100	Vertical	Pass
2	4386.000	50.47	-3.30	74.0	23.53	Peak	178.00	100	Vertical	Pass
2**	4386.000	41.53	-3.30	54.0	12.47	AV	178.00	100	Vertical	Pass
3	5221.200	103.94	-2.69	--	--	Peak	156.00	100	Vertical	N/A
3**	5221.200	96.32	-2.69	--	--	AV	156.00	100	Vertical	N/A
4	7319.700	49.78	-3.04	74.0	24.22	Peak	360.00	200	Vertical	Pass
4**	7319.700	40.27	-3.04	54.0	13.73	AV	360.00	200	Vertical	Pass
5	12551.625	53.51	1.50	74.0	20.49	Peak	66.00	150	Vertical	Pass
5**	12551.625	42.64	1.50	54.0	11.36	AV	66.00	150	Vertical	Pass
6	15841.200	55.55	1.43	74.0	18.45	Peak	327.00	100	Vertical	Pass
6**	15841.200	47.19	1.43	54.0	6.81	AV	327.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1454.200	39.05	-17.11	74.0	34.95	Peak	4.00	400	Horizontal	Pass
1**	1454.200	28.85	-17.11	54.0	25.15	AV	4.00	400	Horizontal	Pass
2	4380.000	49.95	-3.32	74.0	24.05	Peak	28.00	300	Horizontal	Pass
2**	4380.000	41.37	-3.32	54.0	12.63	AV	28.00	300	Horizontal	Pass
3	5241.800	98.45	-2.51	--	--	Peak	135.00	150	Horizontal	N/A
3**	5241.800	90.30	-2.51	--	--	AV	135.00	150	Horizontal	N/A
4	7354.200	49.47	-3.78	74.0	24.53	Peak	295.00	400	Horizontal	Pass
4**	7354.200	41.06	-3.78	54.0	12.94	AV	295.00	400	Horizontal	Pass
5	12396.375	53.12	1.60	74.0	20.88	Peak	312.00	100	Horizontal	Pass
5**	12396.375	43.88	1.60	54.0	10.12	AV	312.00	100	Horizontal	Pass
6	15825.974	55.96	1.61	74.0	18.04	Peak	46.00	100	Horizontal	Pass
6**	15825.974	46.10	1.61	54.0	7.90	AV	46.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.000	39.19	-16.97	74.0	34.81	Peak	360.00	400	Vertical	Pass
1**	1541.000	29.52	-16.97	54.0	24.48	AV	360.00	400	Vertical	Pass
2	4389.200	50.28	-3.36	74.0	23.72	Peak	130.00	100	Vertical	Pass
2**	4389.200	41.93	-3.36	54.0	12.07	AV	130.00	100	Vertical	Pass
3	5238.600	103.21	-2.59	--	--	Peak	95.00	200	Vertical	N/A
3**	5238.600	95.93	-2.59	--	--	AV	95.00	200	Vertical	N/A
4	7456.263	49.89	-3.66	74.0	24.11	Peak	0.00	100	Vertical	Pass
4**	7456.263	39.79	-3.66	54.0	14.21	AV	0.00	100	Vertical	Pass
5	12381.425	53.14	1.48	74.0	20.86	Peak	266.00	100	Vertical	Pass
5**	12381.425	42.93	1.48	54.0	11.07	AV	266.00	100	Vertical	Pass
6	16030.987	56.22	0.72	74.0	17.78	Peak	338.00	200	Vertical	Pass
6**	16030.987	46.00	0.72	54.0	8.00	AV	338.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1463.000	38.81	-17.37	74.0	35.19	Peak	105.00	300	Horizontal	Pass
1**	1463.000	29.00	-17.37	54.0	25.00	AV	105.00	300	Horizontal	Pass
2	4381.000	50.19	-3.49	74.0	23.81	Peak	21.00	400	Horizontal	Pass
2**	4381.000	41.79	-3.49	54.0	12.21	AV	21.00	400	Horizontal	Pass
3	5193.400	102.74	-2.39	--	--	Peak	132.00	100	Horizontal	N/A
3**	5193.400	95.29	-2.39	--	--	AV	132.00	100	Horizontal	N/A
4	7679.363	50.04	-2.43	74.0	23.96	Peak	188.00	400	Horizontal	Pass
4**	7679.363	40.89	-2.43	54.0	13.11	AV	188.00	400	Horizontal	Pass
5	12620.049	53.21	1.79	74.0	20.79	Peak	360.00	200	Horizontal	Pass
5**	12620.049	43.52	1.79	54.0	10.48	AV	360.00	200	Horizontal	Pass
6	16124.174	55.74	0.77	74.0	18.26	Peak	178.00	100	Horizontal	Pass
6**	16124.174	47.36	0.77	54.0	6.64	AV	178.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.700	39.10	-16.96	74.0	34.90	Peak	2.00	100	Vertical	Pass
1**	1540.700	29.09	-16.96	54.0	24.91	AV	2.00	100	Vertical	Pass
2	4385.200	50.12	-3.43	74.0	23.88	Peak	204.00	400	Vertical	Pass
2**	4385.200	41.39	-3.43	54.0	12.61	AV	204.00	400	Vertical	Pass
3	5192.000	106.67	-2.28	--	--	Peak	144.00	200	Vertical	N/A
3**	5192.000	99.63	-2.28	--	--	AV	144.00	200	Vertical	N/A
4	7515.775	50.34	-3.36	74.0	23.66	Peak	317.00	100	Vertical	Pass
4**	7515.775	39.19	-3.36	54.0	14.81	AV	317.00	100	Vertical	Pass
5	10379.275	50.48	0.19	68.2	17.72	Peak	295.00	150	Vertical	Pass
5**	10379.275	47.76	0.19	--	--	AV	295.00	150	Vertical	N/A
6	15570.037	55.07	1.41	74.0	18.93	Peak	327.00	150	Vertical	Pass
6**	15570.037	49.65	1.41	54.0	4.35	AV	327.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.600	39.02	-17.20	74.0	34.98	Peak	186.00	200	Horizontal	Pass
1**	1510.600	30.33	-17.20	54.0	23.67	AV	186.00	200	Horizontal	Pass
2	4382.400	51.28	-3.64	74.0	22.72	Peak	236.00	100	Horizontal	Pass
2**	4382.400	42.11	-3.64	54.0	11.89	AV	236.00	100	Horizontal	Pass
3	5227.000	96.62	-2.76	--	--	Peak	126.00	200	Horizontal	N/A
3**	5227.000	88.90	-2.76	--	--	AV	126.00	200	Horizontal	N/A
4	7501.112	49.83	-3.17	74.0	24.17	Peak	275.00	200	Horizontal	Pass
4**	7501.112	40.74	-3.17	54.0	13.26	AV	275.00	200	Horizontal	Pass
5	12318.750	53.15	1.42	74.0	20.85	Peak	275.00	200	Horizontal	Pass
5**	12318.750	43.95	1.42	54.0	10.05	AV	275.00	200	Horizontal	Pass
6	15804.188	55.68	2.28	74.0	18.32	Peak	243.00	200	Horizontal	Pass
6**	15804.188	46.57	2.28	54.0	7.43	AV	243.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1450.800	39.56	-17.12	74.0	34.44	Peak	259.00	200	Vertical	Pass
1**	1450.800	29.62	-17.12	54.0	24.38	AV	259.00	200	Vertical	Pass
2	4380.200	49.81	-3.35	74.0	24.19	Peak	237.00	400	Vertical	Pass
2**	4380.200	41.53	-3.35	54.0	12.47	AV	237.00	400	Vertical	Pass
3	5232.800	101.56	-2.69	--	--	Peak	99.00	100	Vertical	N/A
3**	5232.800	94.48	-2.69	--	--	AV	99.00	100	Vertical	N/A
4	7392.150	49.91	-3.84	74.0	24.09	Peak	269.00	400	Vertical	Pass
4**	7392.150	40.53	-3.84	54.0	13.47	AV	269.00	400	Vertical	Pass
5	11947.588	53.12	1.47	74.0	20.88	Peak	251.00	200	Vertical	Pass
5**	11947.588	43.50	1.47	54.0	10.50	AV	251.00	200	Vertical	Pass
6	15393.112	56.00	0.62	74.0	18.00	Peak	360.00	100	Vertical	Pass
6**	15393.112	46.98	0.62	54.0	7.02	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.000	39.52	-16.83	74.0	34.48	Peak	95.00	400	Horizontal	Pass
1**	1506.000	29.60	-16.83	54.0	24.40	AV	95.00	400	Horizontal	Pass
2	4383.000	50.04	-3.64	74.0	23.96	Peak	180.00	300	Horizontal	Pass
2**	4383.000	41.70	-3.64	54.0	12.30	AV	180.00	300	Horizontal	Pass
3	5180.800	111.88	-2.68	--	--	Peak	275.00	200	Horizontal	N/A
3**	5180.800	103.81	-2.68	--	--	AV	275.00	200	Horizontal	N/A
4	7628.188	49.59	-2.87	74.0	24.41	Peak	232.00	300	Horizontal	Pass
4**	7628.188	40.42	-2.87	54.0	13.58	AV	232.00	300	Horizontal	Pass
5	12579.225	53.06	1.65	74.0	20.94	Peak	214.00	150	Horizontal	Pass
5**	12579.225	42.50	1.65	54.0	11.50	AV	214.00	150	Horizontal	Pass
6	15845.401	56.09	1.37	74.0	17.91	Peak	118.00	300	Horizontal	Pass
6**	15845.401	46.22	1.37	54.0	7.78	AV	118.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4391.000	50.74	-3.38	74.0	23.26	Peak	200.00	400	Vertical	Pass
1**	4391.000	41.59	-3.38	54.0	12.41	AV	200.00	400	Vertical	Pass
2	5177.000	114.15	-2.52	--	--	Peak	345.00	100	Vertical	N/A
2**	5177.000	106.29	-2.52	--	--	AV	345.00	100	Vertical	N/A
3	10359.437	54.63	0.08	68.2	13.57	Peak	1.00	150	Vertical	Pass
3**	10359.437	48.63	0.08	--	--	AV	1.00	150	Vertical	N/A
4	11938.675	53.70	1.69	74.0	20.30	Peak	288.00	150	Vertical	Pass
4**	11938.675	44.14	1.69	54.0	9.86	AV	288.00	150	Vertical	Pass
5	15538.275	56.23	0.69	74.0	17.77	Peak	339.00	150	Vertical	Pass
5**	15538.275	50.14	0.69	54.0	3.86	AV	339.00	150	Vertical	Pass
6	15546.150	57.65	0.68	74.0	16.35	Peak	339.00	400	Vertical	Pass
6**	15546.150	47.79	0.68	54.0	6.21	AV	339.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.000	39.12	-17.02	74.0	34.88	Peak	129.00	400	Horizontal	Pass
1**	1611.000	29.18	-17.02	54.0	24.82	AV	129.00	400	Horizontal	Pass
2	4360.800	50.18	-4.02	74.0	23.82	Peak	255.00	100	Horizontal	Pass
2**	4360.800	40.61	-4.02	54.0	13.39	AV	255.00	100	Horizontal	Pass
3	5216.400	108.13	-2.64	--	--	Peak	286.00	100	Horizontal	N/A
3**	5216.400	99.35	-2.64	--	--	AV	286.00	100	Horizontal	N/A
4	7467.763	50.14	-3.28	74.0	23.86	Peak	115.00	200	Horizontal	Pass
4**	7467.763	40.16	-3.28	54.0	13.84	AV	115.00	200	Horizontal	Pass
5	12622.349	53.24	1.70	74.0	20.76	Peak	206.00	100	Horizontal	Pass
5**	12622.349	43.75	1.70	54.0	10.25	AV	206.00	100	Horizontal	Pass
6	15834.900	55.66	1.45	74.0	18.34	Peak	316.00	400	Horizontal	Pass
6**	15834.900	47.09	1.45	54.0	6.91	AV	316.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.500	40.70	-16.77	74.0	33.30	Peak	112.00	100	Vertical	Pass
1**	1490.500	29.70	-16.77	54.0	24.30	AV	112.00	100	Vertical	Pass
2	4386.400	49.98	-3.29	74.0	24.02	Peak	150.00	200	Vertical	Pass
2**	4386.400	41.27	-3.29	54.0	12.73	AV	150.00	200	Vertical	Pass
3	5218.800	109.84	-2.86	--	--	Peak	352.00	150	Vertical	N/A
3**	5218.800	101.21	-2.86	--	--	AV	352.00	150	Vertical	N/A
4	7339.250	49.89	-2.93	74.0	24.11	Peak	327.00	300	Vertical	Pass
4**	7339.250	41.42	-2.93	54.0	12.58	AV	327.00	300	Vertical	Pass
5	12351.813	53.24	1.20	74.0	20.76	Peak	218.00	150	Vertical	Pass
5**	12351.813	44.20	1.20	54.0	9.80	AV	218.00	150	Vertical	Pass
6	15839.625	55.54	1.45	74.0	18.46	Peak	181.00	300	Vertical	Pass
6**	15839.625	47.01	1.45	54.0	6.99	AV	181.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.600	39.51	-17.48	74.0	34.49	Peak	243.00	400	Horizontal	Pass
1**	1605.600	29.59	-17.48	54.0	24.41	AV	243.00	400	Horizontal	Pass
2	4394.600	51.06	-3.87	74.0	22.94	Peak	275.00	200	Horizontal	Pass
2**	4394.600	41.23	-3.87	54.0	12.77	AV	275.00	200	Horizontal	Pass
3	5242.800	107.78	-2.39	--	--	Peak	275.00	200	Horizontal	N/A
3**	5242.800	99.86	-2.39	--	--	AV	275.00	200	Horizontal	N/A
4	7339.825	50.04	-2.95	74.0	23.96	Peak	0.00	400	Horizontal	Pass
4**	7339.825	41.74	-2.95	54.0	12.26	AV	0.00	400	Horizontal	Pass
5	12463.938	52.81	1.75	74.0	21.19	Peak	128.00	200	Horizontal	Pass
5**	12463.938	42.85	1.75	54.0	11.15	AV	128.00	200	Horizontal	Pass
6	16022.587	55.98	0.60	74.0	18.02	Peak	181.00	300	Horizontal	Pass
6**	16022.587	45.70	0.60	54.0	8.30	AV	181.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.100	38.94	-17.17	74.0	35.06	Peak	144.00	300	Vertical	Pass
1**	1626.100	29.69	-17.17	54.0	24.31	AV	144.00	300	Vertical	Pass
2	4364.600	49.99	-3.98	74.0	24.01	Peak	290.00	400	Vertical	Pass
2**	4364.600	41.28	-3.98	54.0	12.72	AV	290.00	400	Vertical	Pass
3	5239.000	109.40	-2.62	--	--	Peak	348.00	200	Vertical	N/A
3**	5239.000	101.81	-2.62	--	--	AV	348.00	200	Vertical	N/A
4	7342.700	50.30	-3.27	74.0	23.70	Peak	85.00	100	Vertical	Pass
4**	7342.700	41.01	-3.27	54.0	12.99	AV	85.00	100	Vertical	Pass
5	12276.487	53.34	1.67	74.0	20.66	Peak	32.00	150	Vertical	Pass
5**	12276.487	44.14	1.67	54.0	9.86	AV	32.00	150	Vertical	Pass
6	15786.599	55.50	1.87	74.0	18.50	Peak	234.00	200	Vertical	Pass
6**	15786.599	46.71	1.87	54.0	7.29	AV	234.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.200	39.02	-17.15	74.0	34.98	Peak	181.00	100	Horizontal	Pass
1**	1517.200	29.17	-17.15	54.0	24.83	AV	181.00	100	Horizontal	Pass
2	4390.200	49.70	-3.31	74.0	24.30	Peak	307.00	100	Horizontal	Pass
2**	4390.200	41.68	-3.31	54.0	12.32	AV	307.00	100	Horizontal	Pass
3	5186.600	110.35	-2.39	--	--	Peak	266.00	150	Horizontal	N/A
3**	5186.600	102.57	-2.39	--	--	AV	266.00	150	Horizontal	N/A
4	7342.987	49.56	-3.31	74.0	24.44	Peak	250.00	200	Horizontal	Pass
4**	7342.987	41.16	-3.31	54.0	12.84	AV	250.00	200	Horizontal	Pass
5	11503.112	53.31	-0.03	74.0	20.69	Peak	234.00	100	Horizontal	Pass
5**	11503.112	43.15	-0.03	54.0	10.85	AV	234.00	100	Horizontal	Pass
6	15392.326	55.92	0.61	74.0	18.08	Peak	90.00	400	Horizontal	Pass
6**	15392.326	45.52	0.61	54.0	8.48	AV	90.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.900	39.17	-16.80	74.0	34.83	Peak	241.00	100	Vertical	Pass
1**	1490.900	30.21	-16.80	54.0	23.79	AV	241.00	100	Vertical	Pass
2	4384.000	50.16	-3.64	74.0	23.84	Peak	99.00	400	Vertical	Pass
2**	4384.000	41.15	-3.64	54.0	12.85	AV	99.00	400	Vertical	Pass
3	5188.600	112.07	-2.33	--	--	Peak	356.00	150	Vertical	N/A
3**	5188.600	103.76	-2.33	--	--	AV	356.00	150	Vertical	N/A
4	7363.687	49.84	-3.69	74.0	24.16	Peak	283.00	400	Vertical	Pass
4**	7363.687	41.20	-3.69	54.0	12.80	AV	283.00	400	Vertical	Pass
5	10378.988	53.03	0.19	68.2	15.17	Peak	283.00	150	Vertical	Pass
5**	10378.988	47.59	0.19	--	--	AV	283.00	150	Vertical	N/A
6	15572.662	54.02	1.41	74.0	19.98	Peak	341.00	150	Vertical	Pass
6**	15572.662	49.80	1.41	54.0	4.20	AV	341.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1609.500	38.93	-17.33	74.0	35.07	Peak	360.00	400	Horizontal	Pass
1**	1609.500	29.83	-17.33	54.0	24.17	AV	360.00	400	Horizontal	Pass
2	4381.800	50.70	-3.63	74.0	23.30	Peak	155.00	400	Horizontal	Pass
2**	4381.800	41.79	-3.63	54.0	12.21	AV	155.00	400	Horizontal	Pass
3	5231.600	105.63	-2.57	--	--	Peak	277.00	150	Horizontal	N/A
3**	5231.600	98.43	-2.57	--	--	AV	277.00	150	Horizontal	N/A
4	7726.513	49.88	-2.48	74.0	24.12	Peak	93.00	400	Horizontal	Pass
4**	7726.513	40.67	-2.48	54.0	13.33	AV	93.00	400	Horizontal	Pass
5	12615.451	53.10	1.87	74.0	20.90	Peak	307.00	200	Horizontal	Pass
5**	12615.451	43.99	1.87	54.0	10.01	AV	307.00	200	Horizontal	Pass
6	15513.862	56.30	1.41	74.0	17.70	Peak	190.00	400	Horizontal	Pass
6**	15513.862	47.36	1.41	54.0	6.64	AV	190.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1560.400	39.31	-16.90	74.0	34.69	Peak	178.00	400	Vertical	Pass
1**	1560.400	29.17	-16.90	54.0	24.83	AV	178.00	400	Vertical	Pass
2	4378.000	50.61	-3.46	74.0	23.39	Peak	253.00	100	Vertical	Pass
2**	4378.000	41.53	-3.46	54.0	12.47	AV	253.00	100	Vertical	Pass
3	5227.000	108.05	-2.76	--	--	Peak	354.00	200	Vertical	N/A
3**	5227.000	99.47	-2.76	--	--	AV	354.00	200	Vertical	N/A
4	7338.100	49.37	-2.89	74.0	24.63	Peak	191.00	100	Vertical	Pass
4**	7338.100	41.85	-2.89	54.0	12.15	AV	191.00	100	Vertical	Pass
5	12321.050	53.03	1.42	74.0	20.97	Peak	174.00	200	Vertical	Pass
5**	12321.050	44.42	1.42	54.0	9.58	AV	174.00	200	Vertical	Pass
6	15850.651	56.22	1.31	74.0	17.78	Peak	213.00	100	Vertical	Pass
6**	15850.651	46.50	1.31	54.0	7.50	AV	213.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1551.500	38.99	-17.03	74.0	35.01	Peak	192.00	100	Horizontal	Pass
1**	1551.500	29.67	-17.03	54.0	24.33	AV	192.00	100	Horizontal	Pass
2	4387.200	51.15	-3.34	74.0	22.85	Peak	114.00	400	Horizontal	Pass
2**	4387.200	41.33	-3.34	54.0	12.67	AV	114.00	400	Horizontal	Pass
3	5205.600	107.38	-2.30	--	--	Peak	288.00	200	Horizontal	N/A
3**	5205.600	100.27	-2.30	--	--	AV	288.00	200	Horizontal	N/A
4	7319.700	49.70	-3.04	74.0	24.30	Peak	121.00	100	Horizontal	Pass
4**	7319.700	41.47	-3.04	54.0	12.53	AV	121.00	100	Horizontal	Pass
5	12693.363	53.54	0.83	74.0	20.46	Peak	241.00	150	Horizontal	Pass
5**	12693.363	44.06	0.83	54.0	9.94	AV	241.00	150	Horizontal	Pass
6	16026.000	55.90	0.68	74.0	18.10	Peak	274.00	100	Horizontal	Pass
6**	16026.000	46.48	0.68	54.0	7.52	AV	274.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.800	40.94	-17.31	74.0	33.06	Peak	104.00	300	Vertical	Pass
1**	1594.800	29.01	-17.31	54.0	24.99	AV	104.00	300	Vertical	Pass
2	4393.000	50.29	-3.64	74.0	23.71	Peak	360.00	300	Vertical	Pass
2**	4393.000	40.85	-3.64	54.0	13.15	AV	360.00	300	Vertical	Pass
3	5202.800	109.84	-2.16	--	--	Peak	352.00	100	Vertical	N/A
3**	5202.800	103.02	-2.16	--	--	AV	352.00	100	Vertical	N/A
4	7382.663	49.42	-3.40	74.0	24.58	Peak	167.00	200	Vertical	Pass
4**	7382.663	40.70	-3.40	54.0	13.30	AV	167.00	200	Vertical	Pass
5	12281.662	53.41	1.79	74.0	20.59	Peak	290.00	150	Vertical	Pass
5**	12281.662	43.37	1.79	54.0	10.63	AV	290.00	150	Vertical	Pass
6	15671.363	55.98	1.46	74.0	18.02	Peak	38.00	300	Vertical	Pass
6**	15671.363	47.17	1.46	54.0	6.83	AV	38.00	300	Vertical	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.100	38.61	-17.00	74.0	35.39	Peak	0.00	300	Horizontal	Pass
1**	1497.100	30.02	-17.00	54.0	23.98	AV	0.00	300	Horizontal	Pass
2	4391.200	50.40	-3.40	74.0	23.60	Peak	69.00	200	Horizontal	Pass
2**	4391.200	41.04	-3.40	54.0	12.96	AV	69.00	200	Horizontal	Pass
3	5178.000	113.57	-2.52	--	--	Peak	267.00	100	Horizontal	N/A
3**	5178.000	103.91	-2.52	--	--	AV	267.00	100	Horizontal	N/A
4	7308.775	49.95	-3.48	74.0	24.05	Peak	46.00	400	Horizontal	Pass
4**	7308.775	39.48	-3.48	54.0	14.52	AV	46.00	400	Horizontal	Pass
5	12313.000	52.97	1.39	74.0	21.03	Peak	0.00	150	Horizontal	Pass
5**	12313.000	44.14	1.39	54.0	9.86	AV	0.00	150	Horizontal	Pass
6	15807.337	55.97	2.22	74.0	18.03	Peak	32.00	300	Horizontal	Pass
6**	15807.337	46.51	2.22	54.0	7.49	AV	32.00	300	Horizontal	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.700	39.18	-17.18	74.0	34.82	Peak	48.00	100	Vertical	Pass
1**	1498.700	29.04	-17.18	54.0	24.96	AV	48.00	100	Vertical	Pass
2	4263.000	49.78	-4.66	74.0	24.22	Peak	85.00	100	Vertical	Pass
2**	4263.000	40.27	-4.66	54.0	13.73	AV	85.00	100	Vertical	Pass
3	5173.400	112.92	-2.18	--	--	Peak	351.00	150	Vertical	N/A
3**	5173.400	104.66	-2.18	--	--	AV	351.00	150	Vertical	N/A
4	7339.825	49.67	-2.95	74.0	24.33	Peak	32.00	400	Vertical	Pass
4**	7339.825	40.70	-2.95	54.0	13.30	AV	32.00	400	Vertical	Pass
5	10359.151	55.61	0.08	68.2	12.59	Peak	282.00	150	Vertical	Pass
5**	10359.151	49.67	0.08	--	--	AV	282.00	150	Vertical	N/A
6	15547.725	53.16	0.72	74.0	20.84	Peak	325.00	150	Vertical	Pass
6**	15547.725	49.53	0.72	54.0	4.47	AV	325.00	150	Vertical	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.400	39.61	-17.13	74.0	34.39	Peak	21.00	200	Horizontal	Pass
1**	1574.400	30.26	-17.13	54.0	23.74	AV	21.00	200	Horizontal	Pass
2	4386.800	49.83	-3.31	74.0	24.17	Peak	177.00	200	Horizontal	Pass
2**	4386.800	41.72	-3.31	54.0	12.28	AV	177.00	200	Horizontal	Pass
3	5214.200	108.07	-2.40	--	--	Peak	281.00	100	Horizontal	N/A
3**	5214.200	99.55	-2.40	--	--	AV	281.00	100	Horizontal	N/A
4	7334.075	49.50	-3.17	74.0	24.50	Peak	47.00	300	Horizontal	Pass
4**	7334.075	41.53	-3.17	54.0	12.47	AV	47.00	300	Horizontal	Pass
5	12286.550	53.36	1.74	74.0	20.64	Peak	0.00	200	Horizontal	Pass
5**	12286.550	43.77	1.74	54.0	10.23	AV	0.00	200	Horizontal	Pass
6	16098.450	55.59	1.24	74.0	18.41	Peak	45.00	300	Horizontal	Pass
6**	16098.450	46.72	1.24	54.0	7.28	AV	45.00	300	Horizontal	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.800	39.27	-16.82	74.0	34.73	Peak	54.00	400	Vertical	Pass
1**	1585.800	29.69	-16.82	54.0	24.31	AV	54.00	400	Vertical	Pass
2	4376.600	50.32	-3.85	74.0	23.68	Peak	216.00	300	Vertical	Pass
2**	4376.600	40.95	-3.85	54.0	13.05	AV	216.00	300	Vertical	Pass
3	5222.400	109.00	-2.70	--	--	Peak	347.00	200	Vertical	N/A
3**	5222.400	102.38	-2.70	--	--	AV	347.00	200	Vertical	N/A
4	7338.387	50.17	-2.90	74.0	23.83	Peak	346.00	200	Vertical	Pass
4**	7338.387	40.71	-2.90	54.0	13.29	AV	346.00	200	Vertical	Pass
5	12271.025	53.10	1.48	74.0	20.90	Peak	190.00	150	Vertical	Pass
5**	12271.025	43.64	1.48	54.0	10.36	AV	190.00	150	Vertical	Pass
6	15634.350	55.35	1.57	74.0	18.65	Peak	16.00	150	Vertical	Pass
6**	15634.350	46.22	1.57	54.0	7.78	AV	16.00	150	Vertical	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.000	39.04	-17.07	74.0	34.96	Peak	199.00	100	Horizontal	Pass
1**	1538.000	29.99	-17.07	54.0	24.01	AV	199.00	100	Horizontal	Pass
2	4379.000	50.27	-3.36	74.0	23.73	Peak	278.00	100	Horizontal	Pass
2**	4379.000	41.60	-3.36	54.0	12.40	AV	278.00	100	Horizontal	Pass
3	5239.200	107.80	-2.64	--	--	Peak	278.00	200	Horizontal	N/A
3**	5239.200	98.98	-2.64	--	--	AV	278.00	200	Horizontal	N/A
4	7342.413	49.49	-3.23	74.0	24.51	Peak	360.00	400	Horizontal	Pass
4**	7342.413	40.99	-3.23	54.0	13.01	AV	360.00	400	Horizontal	Pass
5	12433.463	53.38	1.65	74.0	20.62	Peak	346.00	200	Horizontal	Pass
5**	12433.463	44.65	1.65	54.0	9.35	AV	346.00	200	Horizontal	Pass
6	15802.087	55.96	2.31	74.0	18.04	Peak	321.00	300	Horizontal	Pass
6**	15802.087	46.75	2.31	54.0	7.25	AV	321.00	300	Horizontal	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1548.300	39.08	-17.34	74.0	34.92	Peak	323.00	200	Vertical	Pass
1**	1548.300	29.56	-17.34	54.0	24.44	AV	323.00	200	Vertical	Pass
2	4379.800	50.01	-3.28	74.0	23.99	Peak	0.00	300	Vertical	Pass
2**	4379.800	41.35	-3.28	54.0	12.65	AV	0.00	300	Vertical	Pass
3	5245.200	110.01	-2.40	--	--	Peak	355.00	100	Vertical	N/A
3**	5245.200	102.61	-2.40	--	--	AV	355.00	100	Vertical	N/A
4	7339.537	49.99	-2.93	74.0	24.01	Peak	310.00	400	Vertical	Pass
4**	7339.537	40.86	-2.93	54.0	13.14	AV	310.00	400	Vertical	Pass
5	12612.000	53.21	1.89	74.0	20.79	Peak	0.00	200	Vertical	Pass
5**	12612.000	43.40	1.89	54.0	10.60	AV	0.00	200	Vertical	Pass
6	15808.125	56.30	2.20	74.0	17.70	Peak	213.00	400	Vertical	Pass
6**	15808.125	46.94	2.20	54.0	7.06	AV	213.00	400	Vertical	Pass

11ax40 (SU), U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.700	38.99	-16.93	74.0	35.01	Peak	31.00	400	Horizontal	Pass
1**	1586.700	29.89	-16.93	54.0	24.11	AV	31.00	400	Horizontal	Pass
2	4388.000	50.23	-3.39	74.0	23.77	Peak	232.00	400	Horizontal	Pass
2**	4388.000	41.40	-3.39	54.0	12.60	AV	232.00	400	Horizontal	Pass
3	5184.800	111.34	-2.45	--	--	Peak	267.00	150	Horizontal	N/A
3**	5184.800	103.03	-2.45	--	--	AV	267.00	150	Horizontal	N/A
4	7343.850	49.78	-3.43	74.0	24.22	Peak	344.00	400	Horizontal	Pass
4**	7343.850	40.74	-3.43	54.0	13.26	AV	344.00	400	Horizontal	Pass
5	12364.174	53.49	1.20	74.0	20.51	Peak	0.00	100	Horizontal	Pass
5**	12364.174	42.97	1.20	54.0	11.03	AV	0.00	100	Horizontal	Pass
6	15848.549	56.71	1.34	74.0	17.29	Peak	274.00	100	Horizontal	Pass
6**	15848.549	46.57	1.34	54.0	7.43	AV	274.00	100	Horizontal	Pass

11ax40 (SU), U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.700	40.83	-16.85	74.0	33.17	Peak	101.00	200	Vertical	Pass
1**	1495.700	32.05	-16.85	54.0	21.95	AV	101.00	200	Vertical	Pass
2	4390.000	50.23	-3.32	74.0	23.77	Peak	253.00	300	Vertical	Pass
2**	4390.000	41.74	-3.32	54.0	12.26	AV	253.00	300	Vertical	Pass
3	5193.000	111.39	-2.36	--	--	Peak	345.00	100	Vertical	N/A
3**	5193.000	103.11	-2.36	--	--	AV	345.00	100	Vertical	N/A
4	7633.362	49.68	-2.91	74.0	24.32	Peak	2.00	100	Vertical	Pass
4**	7633.362	40.38	-2.91	54.0	13.62	AV	2.00	100	Vertical	Pass
5	10367.487	50.96	0.12	68.2	17.24	Peak	290.00	150	Vertical	Pass
5**	10367.487	48.18	0.12	--	--	AV	290.00	150	Vertical	N/A
6	15565.838	53.97	1.35	74.0	20.03	Peak	338.00	150	Vertical	Pass
6**	15565.838	49.88	1.35	54.0	4.12	AV	338.00	150	Vertical	Pass

11ax40 (SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.300	39.48	-17.13	74.0	34.52	Peak	356.00	400	Horizontal	Pass
1**	1444.300	28.98	-17.13	54.0	25.02	AV	356.00	400	Horizontal	Pass
2	4390.600	50.20	-3.33	74.0	23.80	Peak	140.00	200	Horizontal	Pass
2**	4390.600	40.81	-3.33	54.0	13.19	AV	140.00	200	Horizontal	Pass
3	5236.400	106.97	-2.51	--	--	Peak	281.00	200	Horizontal	N/A
3**	5236.400	96.64	-2.51	--	--	AV	281.00	200	Horizontal	N/A
4	7333.500	50.03	-3.12	74.0	23.97	Peak	323.00	300	Horizontal	Pass
4**	7333.500	41.78	-3.12	54.0	12.22	AV	323.00	300	Horizontal	Pass
5	11945.862	53.33	1.51	74.0	20.67	Peak	54.00	150	Horizontal	Pass
5**	11945.862	43.68	1.51	54.0	10.32	AV	54.00	150	Horizontal	Pass
6	15854.588	56.48	1.20	74.0	17.52	Peak	237.00	300	Horizontal	Pass
6**	15854.588	46.72	1.20	54.0	7.28	AV	237.00	300	Horizontal	Pass

11ax40 (SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.800	39.05	-16.82	74.0	34.95	Peak	68.00	100	Vertical	Pass
1**	1506.800	29.91	-16.82	54.0	24.09	AV	68.00	100	Vertical	Pass
2	4379.200	49.97	-3.34	74.0	24.03	Peak	204.00	100	Vertical	Pass
2**	4379.200	41.97	-3.34	54.0	12.03	AV	204.00	100	Vertical	Pass
3	5232.600	107.16	-2.67	--	--	Peak	355.00	100	Vertical	N/A
3**	5232.600	98.97	-2.67	--	--	AV	355.00	100	Vertical	N/A
4	7387.837	49.51	-3.98	74.0	24.49	Peak	35.00	100	Vertical	Pass
4**	7387.837	40.64	-3.98	54.0	13.36	AV	35.00	100	Vertical	Pass
5	12234.225	53.78	1.18	74.0	20.22	Peak	142.00	200	Vertical	Pass
5**	12234.225	43.21	1.18	54.0	10.79	AV	142.00	200	Vertical	Pass
6	15511.763	55.90	1.43	74.0	18.10	Peak	80.00	100	Vertical	Pass
6**	15511.763	45.99	1.43	54.0	8.01	AV	80.00	100	Vertical	Pass

11ax80 (SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1455.400	39.29	-17.22	74.0	34.71	Peak	360.00	200	Horizontal	Pass
1**	1455.400	29.23	-17.22	54.0	24.77	AV	360.00	200	Horizontal	Pass
2	4389.600	51.07	-3.34	74.0	22.93	Peak	99.00	200	Horizontal	Pass
2**	4389.600	41.53	-3.34	54.0	12.47	AV	99.00	200	Horizontal	Pass
3	5213.200	108.08	-2.23	--	--	Peak	295.00	200	Horizontal	N/A
3**	5213.200	101.01	-2.23	--	--	AV	295.00	200	Horizontal	N/A
4	7444.763	49.66	-3.20	74.0	24.34	Peak	157.00	100	Horizontal	Pass
4**	7444.763	40.35	-3.20	54.0	13.65	AV	157.00	100	Horizontal	Pass
5	12625.225	53.19	1.59	74.0	20.81	Peak	193.00	100	Horizontal	Pass
5**	12625.225	42.87	1.59	54.0	11.13	AV	193.00	100	Horizontal	Pass
6	15807.600	56.42	2.22	74.0	17.58	Peak	271.00	300	Horizontal	Pass
6**	15807.600	46.81	2.22	54.0	7.19	AV	271.00	300	Horizontal	Pass

11ax80 (SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.500	39.84	-17.23	74.0	34.16	Peak	37.00	200	Vertical	Pass
1**	1620.500	29.55	-17.23	54.0	24.45	AV	37.00	200	Vertical	Pass
2	4379.600	50.26	-3.30	74.0	23.74	Peak	114.00	300	Vertical	Pass
2**	4379.600	41.71	-3.30	54.0	12.29	AV	114.00	300	Vertical	Pass
3	5206.200	110.28	-2.32	--	--	Peak	360.00	150	Vertical	N/A
3**	5206.200	103.61	-2.32	--	--	AV	360.00	150	Vertical	N/A
4	7381.513	50.48	-3.39	74.0	23.52	Peak	271.00	200	Vertical	Pass
4**	7381.513	40.50	-3.39	54.0	13.50	AV	271.00	200	Vertical	Pass
5	12275.338	53.13	1.63	74.0	20.87	Peak	109.00	150	Vertical	Pass
5**	12275.338	44.03	1.63	54.0	9.97	AV	109.00	150	Vertical	Pass
6	15811.537	55.98	2.13	74.0	18.02	Peak	277.00	100	Vertical	Pass
6**	15811.537	46.41	2.13	54.0	7.59	AV	277.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.200	39.06	-16.84	74.0	34.94	Peak	310.00	100	Horizontal	Pass
1**	1505.200	29.76	-16.84	54.0	24.24	AV	310.00	100	Horizontal	Pass
2	4386.200	50.06	-3.27	74.0	23.94	Peak	331.00	300	Horizontal	Pass
2**	4386.200	41.25	-3.27	54.0	12.75	AV	331.00	300	Horizontal	Pass
3	5746.400	109.53	-2.21	--	--	Peak	100.00	200	Horizontal	N/A
3**	5746.400	102.43	-2.21	--	--	AV	100.00	200	Horizontal	N/A
4	7340.687	50.71	-3.04	74.0	23.29	Peak	6.00	300	Horizontal	Pass
4**	7340.687	41.42	-3.04	54.0	12.58	AV	6.00	300	Horizontal	Pass
5	11488.451	51.05	0.07	74.0	22.95	Peak	274.00	150	Horizontal	Pass
5**	11488.451	46.50	0.07	54.0	7.50	AV	274.00	150	Horizontal	Pass
6	15808.125	56.32	2.20	74.0	17.68	Peak	351.00	100	Horizontal	Pass
6**	15808.125	47.01	2.20	54.0	6.99	AV	351.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.700	39.52	-16.87	74.0	34.48	Peak	102.00	100	Vertical	Pass
1**	1500.700	29.71	-16.87	54.0	24.29	AV	102.00	100	Vertical	Pass
2	4232.800	50.12	-3.88	74.0	23.88	Peak	94.00	100	Vertical	Pass
2**	4232.800	40.48	-3.88	54.0	13.52	AV	94.00	100	Vertical	Pass
3	5746.200	108.13	-2.21	--	--	Peak	156.00	150	Vertical	N/A
3**	5746.200	101.43	-2.21	--	--	AV	156.00	150	Vertical	N/A
4	7318.837	50.15	-3.00	74.0	23.85	Peak	63.00	400	Vertical	Pass
4**	7318.837	40.75	-3.00	54.0	13.25	AV	63.00	400	Vertical	Pass
5	11485.862	58.79	0.07	74.0	15.21	Peak	23.00	100	Vertical	Pass
5**	11485.862	49.05	0.07	54.0	4.95	AV	23.00	100	Vertical	Pass
6	11493.049	55.96	0.06	74.0	18.04	Peak	23.00	150	Vertical	Pass
6**	11493.049	50.93	0.06	54.0	3.07	AV	23.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.100	38.82	-17.19	74.0	35.18	Peak	53.00	300	Horizontal	Pass
1**	1510.100	29.54	-17.19	54.0	24.46	AV	53.00	300	Horizontal	Pass
2	4387.400	50.44	-3.35	74.0	23.56	Peak	238.00	100	Horizontal	Pass
2**	4387.400	41.25	-3.35	54.0	12.75	AV	238.00	100	Horizontal	Pass
3	5783.600	109.06	-1.51	--	--	Peak	108.00	200	Horizontal	N/A
3**	5783.600	101.35	-1.51	--	--	AV	108.00	200	Horizontal	N/A
4	7319.700	50.47	-3.04	74.0	23.53	Peak	90.00	100	Horizontal	Pass
4**	7319.700	40.73	-3.04	54.0	13.27	AV	90.00	100	Horizontal	Pass
5	12447.263	53.20	1.85	74.0	20.80	Peak	306.00	150	Horizontal	Pass
5**	12447.263	43.52	1.85	54.0	10.48	AV	306.00	150	Horizontal	Pass
6	15825.974	56.12	1.61	74.0	17.88	Peak	191.00	100	Horizontal	Pass
6**	15825.974	46.83	1.61	54.0	7.17	AV	191.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1561.200	40.01	-16.82	74.0	33.99	Peak	86.00	300	Vertical	Pass
1**	1561.200	29.56	-16.82	54.0	24.44	AV	86.00	300	Vertical	Pass
2	4143.600	50.39	-4.70	74.0	23.61	Peak	55.00	300	Vertical	Pass
2**	4143.600	39.71	-4.70	54.0	14.29	AV	55.00	300	Vertical	Pass
3	5783.200	107.50	-1.46	--	--	Peak	347.00	150	Vertical	N/A
3**	5783.200	100.23	-1.46	--	--	AV	347.00	150	Vertical	N/A
4	7675.337	49.86	-2.48	74.0	24.14	Peak	67.00	200	Vertical	Pass
4**	7675.337	40.67	-2.48	54.0	13.33	AV	67.00	200	Vertical	Pass
5	11574.125	52.00	-0.40	74.0	22.00	Peak	13.00	150	Vertical	Pass
5**	11574.125	47.34	-0.40	54.0	6.66	AV	13.00	150	Vertical	Pass
6	15512.025	56.84	1.42	74.0	17.16	Peak	61.00	100	Vertical	Pass
6**	15512.025	46.19	1.42	54.0	7.81	AV	61.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.500	38.91	-17.15	74.0	35.09	Peak	360.00	300	Horizontal	Pass
1**	1480.500	29.86	-17.15	54.0	24.14	AV	360.00	300	Horizontal	Pass
2	4389.400	49.91	-3.35	74.0	24.09	Peak	0.00	100	Horizontal	Pass
2**	4389.400	41.82	-3.35	54.0	12.18	AV	0.00	100	Horizontal	Pass
3	5827.200	103.79	-1.96	--	--	Peak	34.00	100	Horizontal	N/A
3**	5827.200	96.90	-1.96	--	--	AV	34.00	100	Horizontal	N/A
4	7419.750	50.03	-3.42	74.0	23.97	Peak	271.00	200	Horizontal	Pass
4**	7419.750	39.87	-3.42	54.0	14.13	AV	271.00	200	Horizontal	Pass
5	12121.813	52.92	0.53	74.0	21.08	Peak	344.00	100	Horizontal	Pass
5**	12121.813	43.15	0.53	54.0	10.85	AV	344.00	100	Horizontal	Pass
6	15802.350	56.05	2.30	74.0	17.95	Peak	127.00	100	Horizontal	Pass
6**	15802.350	46.98	2.30	54.0	7.02	AV	127.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.800	40.18	-16.97	74.0	33.82	Peak	102.00	300	Vertical	Pass
1**	1499.800	29.66	-16.97	54.0	24.34	AV	102.00	300	Vertical	Pass
2	4389.800	50.11	-3.33	74.0	23.89	Peak	353.00	100	Vertical	Pass
2**	4389.800	41.12	-3.33	54.0	12.88	AV	353.00	100	Vertical	Pass
3	5826.400	102.37	-2.02	--	--	Peak	202.00	200	Vertical	N/A
3**	5826.400	95.91	-2.02	--	--	AV	202.00	200	Vertical	N/A
4	7338.962	50.21	-2.92	74.0	23.79	Peak	27.00	100	Vertical	Pass
4**	7338.962	41.45	-2.92	54.0	12.55	AV	27.00	100	Vertical	Pass
5	12237.388	53.54	1.11	74.0	20.46	Peak	360.00	100	Vertical	Pass
5**	12237.388	44.15	1.11	54.0	9.85	AV	360.00	100	Vertical	Pass
6	16021.537	55.87	0.57	74.0	18.13	Peak	80.00	400	Vertical	Pass
6**	16021.537	45.90	0.57	54.0	8.10	AV	80.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.700	38.94	-16.66	74.0	35.06	Peak	87.00	200	Horizontal	Pass
1**	1485.700	29.73	-16.66	54.0	24.27	AV	87.00	200	Horizontal	Pass
2	4393.400	50.55	-3.70	74.0	23.45	Peak	55.00	100	Horizontal	Pass
2**	4393.400	41.28	-3.70	54.0	12.72	AV	55.00	100	Horizontal	Pass
3	5744.200	108.54	-2.07	--	--	Peak	101.00	150	Horizontal	N/A
3**	5744.200	102.25	-2.07	--	--	AV	101.00	150	Horizontal	N/A
4	7337.238	50.01	-2.96	74.0	23.99	Peak	343.00	100	Horizontal	Pass
4**	7337.238	41.16	-2.96	54.0	12.84	AV	343.00	100	Horizontal	Pass
5	12307.826	53.25	1.38	74.0	20.75	Peak	96.00	200	Horizontal	Pass
5**	12307.826	43.98	1.38	54.0	10.02	AV	96.00	200	Horizontal	Pass
6	15799.725	56.30	2.33	74.0	17.70	Peak	225.00	400	Horizontal	Pass
6**	15799.725	47.03	2.33	54.0	6.97	AV	225.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1471.700	39.93	-17.44	74.0	34.07	Peak	349.00	400	Vertical	Pass
1**	1471.700	29.46	-17.44	54.0	24.54	AV	349.00	400	Vertical	Pass
2	4384.200	50.83	-3.61	74.0	23.17	Peak	360.00	400	Vertical	Pass
2**	4384.200	41.11	-3.61	54.0	12.89	AV	360.00	400	Vertical	Pass
3	5747.000	107.89	-2.21	--	--	Peak	158.00	200	Vertical	N/A
3**	5747.000	100.18	-2.21	--	--	AV	158.00	200	Vertical	N/A
4	7461.150	50.05	-3.48	74.0	23.95	Peak	129.00	400	Vertical	Pass
4**	7461.150	40.02	-3.48	54.0	13.98	AV	129.00	400	Vertical	Pass
5	11482.412	58.09	0.02	74.0	15.91	Peak	23.00	150	Vertical	Pass
5**	11482.412	46.62	0.02	54.0	7.38	AV	23.00	150	Vertical	Pass
6	11491.613	56.44	0.07	74.0	17.56	Peak	23.00	150	Vertical	Pass
6**	11491.613	50.18	0.07	54.0	3.82	AV	23.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.400	39.05	-17.19	74.0	34.95	Peak	306.00	100	Horizontal	Pass
1**	1509.400	29.60	-17.19	54.0	24.40	AV	306.00	100	Horizontal	Pass
2	4379.000	50.26	-3.36	74.0	23.74	Peak	309.00	200	Horizontal	Pass
2**	4379.000	42.49	-3.36	54.0	11.51	AV	309.00	200	Horizontal	Pass
3	5783.000	108.06	-1.43	--	--	Peak	106.00	150	Horizontal	N/A
3**	5783.000	100.41	-1.43	--	--	AV	106.00	150	Horizontal	N/A
4	7678.213	49.81	-2.51	74.0	24.19	Peak	360.00	300	Horizontal	Pass
4**	7678.213	40.37	-2.51	54.0	13.63	AV	360.00	300	Horizontal	Pass
5	12603.375	53.45	1.91	74.0	20.55	Peak	252.00	200	Horizontal	Pass
5**	12603.375	44.57	1.91	54.0	9.43	AV	252.00	200	Horizontal	Pass
6	15799.200	55.85	2.31	74.0	18.15	Peak	255.00	100	Horizontal	Pass
6**	15799.200	46.64	2.31	54.0	7.36	AV	255.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.100	38.91	-16.88	74.0	35.09	Peak	239.00	300	Vertical	Pass
1**	1493.100	30.13	-16.88	54.0	23.87	AV	239.00	300	Vertical	Pass
2	4383.400	49.99	-3.64	74.0	24.01	Peak	360.00	400	Vertical	Pass
2**	4383.400	40.79	-3.64	54.0	13.21	AV	360.00	400	Vertical	Pass
3	5782.200	106.40	-1.33	--	--	Peak	141.00	100	Vertical	N/A
3**	5782.200	98.79	-1.33	--	--	AV	141.00	100	Vertical	N/A
4	11568.663	55.07	-0.40	74.0	18.93	Peak	0.00	200	Vertical	Pass
4**	11568.663	44.29	-0.40	54.0	9.71	AV	0.00	200	Vertical	Pass
5	11571.250	51.19	-0.40	74.0	22.81	Peak	324.00	150	Vertical	Pass
5**	11571.250	46.71	-0.40	54.0	7.29	AV	324.00	150	Vertical	Pass
6	17350.574	55.47	1.92	68.2	12.73	Peak	335.00	150	Vertical	Pass
6**	17350.574	51.04	1.92	--	--	AV	335.00	150	Vertical	N/A

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.900	38.85	-17.22	74.0	35.15	Peak	208.00	300	Horizontal	Pass
1**	1511.900	29.24	-17.22	54.0	24.76	AV	208.00	300	Horizontal	Pass
2	4387.000	50.23	-3.33	74.0	23.77	Peak	194.00	300	Horizontal	Pass
2**	4387.000	42.10	-3.33	54.0	11.90	AV	194.00	300	Horizontal	Pass
3	5823.800	103.93	-2.13	--	--	Peak	102.00	100	Horizontal	N/A
3**	5823.800	96.23	-2.13	--	--	AV	102.00	100	Horizontal	N/A
4	7327.462	49.93	-3.43	74.0	24.07	Peak	261.00	200	Horizontal	Pass
4**	7327.462	40.88	-3.43	54.0	13.12	AV	261.00	200	Horizontal	Pass
5	11506.562	52.66	-0.12	74.0	21.34	Peak	0.00	200	Horizontal	Pass
5**	11506.562	43.17	-0.12	54.0	10.83	AV	0.00	200	Horizontal	Pass
6	15835.425	56.07	1.45	74.0	17.93	Peak	168.00	400	Horizontal	Pass
6**	15835.425	46.42	1.45	54.0	7.58	AV	168.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1478.400	39.89	-17.19	74.0	34.11	Peak	102.00	400	Vertical	Pass
1**	1478.400	30.17	-17.19	54.0	23.83	AV	102.00	400	Vertical	Pass
2	4379.000	50.30	-3.36	74.0	23.70	Peak	360.00	100	Vertical	Pass
2**	4379.000	41.16	-3.36	54.0	12.84	AV	360.00	100	Vertical	Pass
3	5823.000	102.66	-2.13	--	--	Peak	194.00	200	Vertical	N/A
3**	5823.000	95.12	-2.13	--	--	AV	194.00	200	Vertical	N/A
4	7335.225	50.34	-3.26	74.0	23.66	Peak	326.00	300	Vertical	Pass
4**	7335.225	41.61	-3.26	54.0	12.39	AV	326.00	300	Vertical	Pass
5	12249.463	54.09	0.96	74.0	19.91	Peak	290.00	150	Vertical	Pass
5**	12249.463	43.69	0.96	54.0	10.31	AV	290.00	150	Vertical	Pass
6	16126.276	56.23	0.86	74.0	17.77	Peak	18.00	300	Vertical	Pass
6**	16126.276	46.50	0.86	54.0	7.50	AV	18.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1460.300	39.40	-17.10	74.0	34.60	Peak	360.00	100	Horizontal	Pass
1**	1460.300	29.54	-17.10	54.0	24.46	AV	360.00	100	Horizontal	Pass
2	4369.000	49.75	-3.88	74.0	24.25	Peak	89.00	300	Horizontal	Pass
2**	4369.000	41.58	-3.88	54.0	12.42	AV	89.00	300	Horizontal	Pass
3	5752.400	106.91	-1.92	--	--	Peak	101.00	200	Horizontal	N/A
3**	5752.400	99.17	-1.92	--	--	AV	101.00	200	Horizontal	N/A
4	7672.750	49.83	-2.36	74.0	24.17	Peak	326.00	300	Horizontal	Pass
4**	7672.750	40.40	-2.36	54.0	13.60	AV	326.00	300	Horizontal	Pass
5	12546.737	53.07	1.40	74.0	20.93	Peak	343.00	100	Horizontal	Pass
5**	12546.737	42.86	1.40	54.0	11.14	AV	343.00	100	Horizontal	Pass
6	15802.613	56.26	2.30	74.0	17.74	Peak	346.00	100	Horizontal	Pass
6**	15802.613	46.50	2.30	54.0	7.50	AV	346.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.000	39.05	-17.07	74.0	34.95	Peak	0.00	400	Vertical	Pass
1**	1442.000	29.63	-17.07	54.0	24.37	AV	0.00	400	Vertical	Pass
2	4381.200	49.98	-3.52	74.0	24.02	Peak	129.00	100	Vertical	Pass
2**	4381.200	41.45	-3.52	54.0	12.55	AV	129.00	100	Vertical	Pass
3	5757.400	105.53	-1.74	--	--	Peak	198.00	150	Vertical	N/A
3**	5757.400	98.45	-1.74	--	--	AV	198.00	150	Vertical	N/A
4	7332.350	49.60	-3.24	74.0	24.40	Peak	197.00	200	Vertical	Pass
4**	7332.350	40.86	-3.24	54.0	13.14	AV	197.00	200	Vertical	Pass
5	11500.812	55.47	0.03	74.0	18.53	Peak	15.00	200	Vertical	Pass
5**	11500.812	47.43	0.03	54.0	6.57	AV	15.00	200	Vertical	Pass
6	11503.974	53.61	-0.05	74.0	20.39	Peak	15.00	150	Vertical	Pass
6**	11503.974	48.59	-0.05	54.0	5.41	AV	15.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.500	39.57	-17.03	74.0	34.43	Peak	248.00	200	Horizontal	Pass
1**	1587.500	29.76	-17.03	54.0	24.24	AV	248.00	200	Horizontal	Pass
2	4393.800	50.82	-3.76	74.0	23.18	Peak	323.00	200	Horizontal	Pass
2**	4393.800	41.73	-3.76	54.0	12.27	AV	323.00	200	Horizontal	Pass
3	5791.400	105.77	-1.89	--	--	Peak	100.00	200	Horizontal	N/A
3**	5791.400	97.66	-1.89	--	--	AV	100.00	200	Horizontal	N/A
4	7339.537	49.82	-2.93	74.0	24.18	Peak	309.00	200	Horizontal	Pass
4**	7339.537	41.31	-2.93	54.0	12.69	AV	309.00	200	Horizontal	Pass
5	12230.776	53.01	1.28	74.0	20.99	Peak	203.00	100	Horizontal	Pass
5**	12230.776	43.49	1.28	54.0	10.51	AV	203.00	100	Horizontal	Pass
6	15841.200	56.30	1.43	74.0	17.70	Peak	360.00	200	Horizontal	Pass
6**	15841.200	47.01	1.43	54.0	6.99	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.900	39.46	-16.98	74.0	34.54	Peak	0.00	200	Vertical	Pass
1**	1482.900	30.22	-16.98	54.0	23.78	AV	0.00	200	Vertical	Pass
2	4388.200	50.04	-3.41	74.0	23.96	Peak	204.00	300	Vertical	Pass
2**	4388.200	41.27	-3.41	54.0	12.73	AV	204.00	300	Vertical	Pass
3	5792.200	103.80	-1.87	--	--	Peak	192.00	100	Vertical	N/A
3**	5792.200	97.42	-1.87	--	--	AV	192.00	100	Vertical	N/A
4	7378.638	50.64	-3.46	74.0	23.36	Peak	0.00	300	Vertical	Pass
4**	7378.638	39.91	-3.46	54.0	14.09	AV	0.00	300	Vertical	Pass
5	11591.088	51.22	-0.20	74.0	22.78	Peak	10.00	150	Vertical	Pass
5**	11591.088	47.21	-0.20	54.0	6.79	AV	10.00	150	Vertical	Pass
6	17392.312	56.01	2.93	68.2	12.19	Peak	0.00	150	Vertical	Pass
6**	17392.312	49.88	2.93	--	--	AV	0.00	150	Vertical	N/A

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.000	38.88	-17.19	74.0	35.12	Peak	9.00	100	Horizontal	Pass
1**	1479.000	29.77	-17.19	54.0	24.23	AV	9.00	100	Horizontal	Pass
2	4379.600	50.12	-3.30	74.0	23.88	Peak	10.00	300	Horizontal	Pass
2**	4379.600	41.81	-3.30	54.0	12.19	AV	10.00	300	Horizontal	Pass
3	5747.600	110.84	-2.21	--	--	Peak	309.00	100	Horizontal	N/A
3**	5747.600	104.19	-2.21	--	--	AV	309.00	100	Horizontal	N/A
4	7427.225	49.22	-3.33	74.0	24.78	Peak	194.00	200	Horizontal	Pass
4**	7427.225	40.01	-3.33	54.0	13.99	AV	194.00	200	Horizontal	Pass
5	11491.613	51.23	0.07	74.0	22.77	Peak	343.00	150	Horizontal	Pass
5**	11491.613	46.56	0.07	54.0	7.44	AV	343.00	150	Horizontal	Pass
6	15838.838	55.58	1.45	74.0	18.42	Peak	236.00	400	Horizontal	Pass
6**	15838.838	47.05	1.45	54.0	6.95	AV	236.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.600	39.86	-16.91	74.0	34.14	Peak	239.00	200	Vertical	Pass
1**	1496.600	30.08	-16.91	54.0	23.92	AV	239.00	200	Vertical	Pass
2	4381.400	50.23	-3.56	74.0	23.77	Peak	157.00	200	Vertical	Pass
2**	4381.400	41.38	-3.56	54.0	12.62	AV	157.00	200	Vertical	Pass
3	5743.800	111.23	-2.07	--	--	Peak	0.00	200	Vertical	N/A
3**	5743.800	104.19	-2.07	--	--	AV	0.00	200	Vertical	N/A
4	7345.288	49.79	-3.50	74.0	24.21	Peak	327.00	300	Vertical	Pass
4**	7345.288	40.83	-3.50	54.0	13.17	AV	327.00	300	Vertical	Pass
5	11489.025	58.07	0.07	74.0	15.93	Peak	2.00	150	Vertical	Pass
5**	11489.025	50.95	0.07	54.0	3.05	AV	2.00	150	Vertical	Pass
6	11490.750	58.93	0.07	74.0	15.07	Peak	2.00	150	Vertical	Pass
6**	11490.750	49.45	0.07	54.0	4.55	AV	2.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.500	39.09	-16.85	74.0	34.91	Peak	242.00	200	Horizontal	Pass
1**	1495.500	29.54	-16.85	54.0	24.46	AV	242.00	200	Horizontal	Pass
2	4254.200	49.84	-4.55	74.0	24.16	Peak	360.00	400	Horizontal	Pass
2**	4254.200	40.11	-4.55	54.0	13.89	AV	360.00	400	Horizontal	Pass
3	5786.000	110.82	-1.65	--	--	Peak	318.00	200	Horizontal	N/A
3**	5786.000	102.84	-1.65	--	--	AV	318.00	200	Horizontal	N/A
4	7685.112	49.95	-2.29	74.0	24.05	Peak	259.00	200	Horizontal	Pass
4**	7685.112	40.89	-2.29	54.0	13.11	AV	259.00	200	Horizontal	Pass
5	12390.625	53.41	1.57	74.0	20.59	Peak	0.00	200	Horizontal	Pass
5**	12390.625	43.80	1.57	54.0	10.20	AV	0.00	200	Horizontal	Pass
6	15813.112	56.10	2.10	74.0	17.90	Peak	277.00	400	Horizontal	Pass
6**	15813.112	47.39	2.10	54.0	6.61	AV	277.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4390.000	50.35	-3.32	74.0	23.65	Peak	312.00	400	Vertical	Pass
1**	4390.000	41.65	-3.32	54.0	12.35	AV	312.00	400	Vertical	Pass
2	5783.200	111.56	-1.46	--	--	Peak	344.00	100	Vertical	N/A
2**	5783.200	104.38	-1.46	--	--	AV	344.00	100	Vertical	N/A
3	11557.737	54.20	-0.43	74.0	19.80	Peak	6.00	200	Vertical	Pass
3**	11557.737	43.26	-0.43	54.0	10.74	AV	6.00	200	Vertical	Pass
4	11566.937	51.83	-0.41	74.0	22.17	Peak	22.00	150	Vertical	Pass
4**	11566.937	47.82	-0.41	54.0	6.18	AV	22.00	150	Vertical	Pass
5	17359.239	60.20	2.20	68.2	8.00	Peak	351.00	150	Vertical	Pass
5**	17359.239	49.91	2.20	--	--	AV	351.00	150	Vertical	N/A
6	17354.775	57.11	2.08	68.2	11.09	Peak	314.00	150	Vertical	Pass
6**	17354.775	52.03	2.08	--	--	AV	314.00	150	Vertical	N/A

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.400	39.32	-17.09	74.0	34.68	Peak	59.00	300	Horizontal	Pass
1**	1624.400	29.28	-17.09	54.0	24.72	AV	59.00	300	Horizontal	Pass
2	4385.600	49.98	-3.36	74.0	24.02	Peak	293.00	400	Horizontal	Pass
2**	4385.600	41.39	-3.36	54.0	12.61	AV	293.00	400	Horizontal	Pass
3	5823.000	106.08	-2.13	--	--	Peak	339.00	150	Horizontal	N/A
3**	5823.000	98.79	-2.13	--	--	AV	339.00	150	Horizontal	N/A
4	7321.138	49.69	-3.15	74.0	24.31	Peak	327.00	100	Horizontal	Pass
4**	7321.138	41.34	-3.15	54.0	12.66	AV	327.00	100	Horizontal	Pass
5	12256.362	53.43	1.01	74.0	20.57	Peak	327.00	100	Horizontal	Pass
5**	12256.362	44.44	1.01	54.0	9.56	AV	327.00	100	Horizontal	Pass
6	15837.787	55.57	1.45	74.0	18.43	Peak	315.00	400	Horizontal	Pass
6**	15837.787	46.81	1.45	54.0	7.19	AV	315.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.900	41.63	-16.96	74.0	32.37	Peak	245.00	100	Vertical	Pass
1**	1496.900	33.47	-16.96	54.0	20.53	AV	245.00	100	Vertical	Pass
2	4378.800	50.31	-3.38	74.0	23.69	Peak	36.00	300	Vertical	Pass
2**	4378.800	41.80	-3.38	54.0	12.20	AV	36.00	300	Vertical	Pass
3	5826.400	106.64	-2.02	--	--	Peak	360.00	150	Vertical	N/A
3**	5826.400	99.31	-2.02	--	--	AV	360.00	150	Vertical	N/A
4	7350.175	49.25	-3.63	74.0	24.75	Peak	117.00	400	Vertical	Pass
4**	7350.175	40.68	-3.63	54.0	13.32	AV	117.00	400	Vertical	Pass
5	12601.075	53.09	1.90	74.0	20.91	Peak	205.00	150	Vertical	Pass
5**	12601.075	44.05	1.90	54.0	9.95	AV	205.00	150	Vertical	Pass
6	15796.838	55.82	2.23	74.0	18.18	Peak	360.00	200	Vertical	Pass
6**	15796.838	47.08	2.23	54.0	6.92	AV	360.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.800	39.17	-17.07	74.0	34.83	Peak	21.00	400	Horizontal	Pass
1**	1443.800	29.13	-17.07	54.0	24.87	AV	21.00	400	Horizontal	Pass
2	4385.200	50.13	-3.43	74.0	23.87	Peak	139.00	300	Horizontal	Pass
2**	4385.200	41.19	-3.43	54.0	12.81	AV	139.00	300	Horizontal	Pass
3	5751.600	108.85	-2.09	--	--	Peak	308.00	200	Horizontal	N/A
3**	5751.600	101.51	-2.09	--	--	AV	308.00	200	Horizontal	N/A
4	7345.862	49.46	-3.52	74.0	24.54	Peak	207.00	400	Horizontal	Pass
4**	7345.862	40.47	-3.52	54.0	13.53	AV	207.00	400	Horizontal	Pass
5	12524.313	53.57	1.39	74.0	20.43	Peak	292.00	100	Horizontal	Pass
5**	12524.313	44.79	1.39	54.0	9.21	AV	292.00	100	Horizontal	Pass
6	16040.963	55.73	0.79	74.0	18.27	Peak	302.00	400	Horizontal	Pass
6**	16040.963	47.17	0.79	54.0	6.83	AV	302.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.900	39.08	-17.10	74.0	34.92	Peak	98.00	100	Vertical	Pass
1**	1581.900	29.53	-17.10	54.0	24.47	AV	98.00	100	Vertical	Pass
2	4344.000	50.96	-3.77	74.0	23.04	Peak	233.00	300	Vertical	Pass
2**	4344.000	40.06	-3.77	54.0	13.94	AV	233.00	300	Vertical	Pass
3	5751.400	109.48	-2.13	--	--	Peak	340.00	100	Vertical	N/A
3**	5751.400	103.78	-2.13	--	--	AV	340.00	100	Vertical	N/A
4	7341.550	50.09	-3.12	74.0	23.91	Peak	0.00	100	Vertical	Pass
4**	7341.550	41.11	-3.12	54.0	12.89	AV	0.00	100	Vertical	Pass
5	11505.988	55.03	-0.11	74.0	18.97	Peak	20.00	150	Vertical	Pass
5**	11505.988	49.33	-0.11	54.0	4.67	AV	20.00	150	Vertical	Pass
6	11508.287	56.12	-0.18	74.0	17.88	Peak	20.00	150	Vertical	Pass
6**	11508.287	48.17	-0.18	54.0	5.83	AV	20.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.300	38.54	-17.06	74.0	35.46	Peak	143.00	100	Horizontal	Pass
1**	1572.300	29.07	-17.06	54.0	24.93	AV	143.00	100	Horizontal	Pass
2	4254.200	50.12	-4.55	74.0	23.88	Peak	275.00	100	Horizontal	Pass
2**	4254.200	40.91	-4.55	54.0	13.09	AV	275.00	100	Horizontal	Pass
3	5797.200	108.08	-1.72	--	--	Peak	329.00	200	Horizontal	N/A
3**	5797.200	99.38	-1.72	--	--	AV	329.00	200	Horizontal	N/A
4	7339.537	50.42	-2.93	74.0	23.58	Peak	152.00	300	Horizontal	Pass
4**	7339.537	40.83	-2.93	54.0	13.17	AV	152.00	300	Horizontal	Pass
5	11502.825	53.32	-0.02	74.0	20.68	Peak	217.00	200	Horizontal	Pass
5**	11502.825	44.00	-0.02	54.0	10.00	AV	217.00	200	Horizontal	Pass
6	15484.724	55.52	0.90	74.0	18.48	Peak	135.00	150	Horizontal	Pass
6**	15484.724	46.06	0.90	54.0	7.94	AV	135.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.300	41.73	-16.87	74.0	32.27	Peak	245.00	300	Vertical	Pass
1**	1494.300	31.03	-16.87	54.0	22.97	AV	245.00	300	Vertical	Pass
2	4382.200	50.62	-3.64	74.0	23.38	Peak	230.00	100	Vertical	Pass
2**	4382.200	42.74	-3.64	54.0	11.26	AV	230.00	100	Vertical	Pass
3	5793.400	109.13	-1.80	--	--	Peak	341.00	200	Vertical	N/A
3**	5793.400	100.80	-1.80	--	--	AV	341.00	200	Vertical	N/A
4	7384.675	51.14	-3.68	74.0	22.86	Peak	179.00	200	Vertical	Pass
4**	7384.675	40.54	-3.68	54.0	13.46	AV	179.00	200	Vertical	Pass
5	12417.651	53.12	1.40	74.0	20.88	Peak	80.00	150	Vertical	Pass
5**	12417.651	43.28	1.40	54.0	10.72	AV	80.00	150	Vertical	Pass
6	15804.450	56.73	2.28	74.0	17.27	Peak	319.00	150	Vertical	Pass
6**	15804.450	47.00	2.28	54.0	7.00	AV	319.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.200	38.73	-17.10	74.0	35.27	Peak	110.00	200	Horizontal	Pass
1**	1538.200	29.24	-17.10	54.0	24.76	AV	110.00	200	Horizontal	Pass
2	3734.200	49.66	-4.99	74.0	24.34	Peak	113.00	400	Horizontal	Pass
2**	3734.200	40.79	-4.99	54.0	13.21	AV	113.00	400	Horizontal	Pass
3	5780.200	106.37	-1.74	--	--	Peak	336.00	200	Horizontal	N/A
3**	5780.200	97.98	-1.74	--	--	AV	336.00	200	Horizontal	N/A
4	7338.387	49.88	-2.90	74.0	24.12	Peak	123.00	300	Horizontal	Pass
4**	7338.387	41.16	-2.90	54.0	12.84	AV	123.00	300	Horizontal	Pass
5	11933.213	52.83	1.64	74.0	21.17	Peak	226.00	200	Horizontal	Pass
5**	11933.213	43.68	1.64	54.0	10.32	AV	226.00	200	Horizontal	Pass
6	15852.750	56.15	1.26	74.0	17.85	Peak	36.00	200	Horizontal	Pass
6**	15852.750	46.17	1.26	54.0	7.83	AV	36.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1552.000	39.19	-17.07	74.0	34.81	Peak	103.00	200	Vertical	Pass
1**	1552.000	28.88	-17.07	54.0	25.12	AV	103.00	200	Vertical	Pass
2	4386.000	50.14	-3.30	74.0	23.86	Peak	80.00	200	Vertical	Pass
2**	4386.000	42.02	-3.30	54.0	11.98	AV	80.00	200	Vertical	Pass
3	5764.000	106.18	-1.59	--	--	Peak	349.00	100	Vertical	N/A
3**	5764.000	99.14	-1.59	--	--	AV	349.00	100	Vertical	N/A
4	7338.100	50.19	-2.89	74.0	23.81	Peak	346.00	100	Vertical	Pass
4**	7338.100	41.02	-2.89	54.0	12.98	AV	346.00	100	Vertical	Pass
5	12273.037	53.20	1.55	74.0	20.80	Peak	88.00	200	Vertical	Pass
5**	12273.037	43.35	1.55	54.0	10.65	AV	88.00	200	Vertical	Pass
6	16093.987	55.88	1.35	74.0	18.12	Peak	180.00	200	Vertical	Pass
6**	16093.987	46.46	1.35	54.0	7.54	AV	180.00	200	Vertical	Pass

11ax20 (SU), U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.100	39.19	-17.47	74.0	34.81	Peak	161.00	400	Horizontal	Pass
1**	1605.100	29.17	-17.47	54.0	24.83	AV	161.00	400	Horizontal	Pass
2	4392.800	50.38	-3.61	74.0	23.62	Peak	246.00	100	Horizontal	Pass
2**	4392.800	41.58	-3.61	54.0	12.42	AV	246.00	100	Horizontal	Pass
3	5744.400	111.57	-2.09	--	--	Peak	270.00	150	Horizontal	N/A
3**	5744.400	103.01	-2.09	--	--	AV	270.00	150	Horizontal	N/A
4	7627.038	49.15	-2.71	74.0	24.85	Peak	31.00	100	Horizontal	Pass
4**	7627.038	40.17	-2.71	54.0	13.83	AV	31.00	100	Horizontal	Pass
5	11499.950	50.64	0.05	74.0	23.36	Peak	119.00	150	Horizontal	Pass
5**	11499.950	45.98	0.05	54.0	8.02	AV	119.00	150	Horizontal	Pass
6	15823.875	55.79	1.69	74.0	18.21	Peak	97.00	400	Horizontal	Pass
6**	15823.875	47.12	1.69	54.0	6.88	AV	97.00	400	Horizontal	Pass

11ax20 (SU), U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.700	39.35	-16.73	74.0	34.65	Peak	242.00	300	Vertical	Pass
1**	1489.700	29.89	-16.73	54.0	24.11	AV	242.00	300	Vertical	Pass
2	4379.400	49.62	-3.32	74.0	24.38	Peak	255.00	300	Vertical	Pass
2**	4379.400	42.00	-3.32	54.0	12.00	AV	255.00	300	Vertical	Pass
3	5747.800	112.78	-2.21	--	--	Peak	342.00	200	Vertical	N/A
3**	5747.800	103.61	-2.21	--	--	AV	342.00	200	Vertical	N/A
4	7342.413	50.21	-3.23	74.0	23.79	Peak	176.00	200	Vertical	Pass
4**	7342.413	41.04	-3.23	54.0	12.96	AV	176.00	200	Vertical	Pass
5	11484.137	56.72	0.05	74.0	17.28	Peak	0.00	100	Vertical	Pass
5**	11484.137	47.52	0.05	54.0	6.48	AV	0.00	100	Vertical	Pass
6	11484.425	55.15	0.06	74.0	18.85	Peak	312.00	150	Vertical	Pass
6**	11484.425	50.30	0.06	54.0	3.70	AV	312.00	150	Vertical	Pass

11ax20 (SU), U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.800	38.92	-16.84	74.0	35.08	Peak	192.00	200	Horizontal	Pass
1**	1504.800	30.17	-16.84	54.0	23.83	AV	192.00	200	Horizontal	Pass
2	4378.400	49.52	-3.42	74.0	24.48	Peak	316.00	400	Horizontal	Pass
2**	4378.400	42.17	-3.42	54.0	11.83	AV	316.00	400	Horizontal	Pass
3	5779.200	111.35	-1.93	--	--	Peak	339.00	150	Horizontal	N/A
3**	5779.200	101.27	-1.93	--	--	AV	339.00	150	Horizontal	N/A
4	7673.325	51.09	-2.29	74.0	22.91	Peak	71.00	100	Horizontal	Pass
4**	7673.325	40.40	-2.29	54.0	13.60	AV	71.00	100	Horizontal	Pass
5	11936.663	53.06	1.69	74.0	20.94	Peak	254.00	200	Horizontal	Pass
5**	11936.663	43.41	1.69	54.0	10.59	AV	254.00	200	Horizontal	Pass
6	15832.013	55.71	1.48	74.0	18.29	Peak	267.00	400	Horizontal	Pass
6**	15832.013	46.76	1.48	54.0	7.24	AV	267.00	400	Horizontal	Pass

11ax20 (SU), U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.800	38.98	-17.13	74.0	35.02	Peak	101.00	300	Vertical	Pass
1**	1596.800	30.04	-17.13	54.0	23.96	AV	101.00	300	Vertical	Pass
2	4397.000	50.17	-4.08	74.0	23.83	Peak	352.00	100	Vertical	Pass
2**	4397.000	40.99	-4.08	54.0	13.01	AV	352.00	100	Vertical	Pass
3	5782.400	112.93	-1.35	--	--	Peak	352.00	200	Vertical	N/A
3**	5782.400	103.92	-1.35	--	--	AV	352.00	200	Vertical	N/A
4	11567.225	51.05	-0.40	74.0	22.95	Peak	271.00	150	Vertical	Pass
4**	11567.225	47.66	-0.40	54.0	6.34	AV	271.00	150	Vertical	Pass
5	11568.950	54.74	-0.40	74.0	19.26	Peak	0.00	100	Vertical	Pass
5**	11568.950	45.01	-0.40	54.0	8.99	AV	0.00	100	Vertical	Pass
6	17351.100	54.49	1.94	68.2	13.71	Peak	360.00	150	Vertical	Pass
6**	17351.100	51.41	1.94	--	--	AV	360.00	150	Vertical	N/A

11ax20 (SU), U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.800	39.16	-16.90	74.0	34.84	Peak	155.00	100	Horizontal	Pass
1**	1584.800	29.31	-16.90	54.0	24.69	AV	155.00	100	Horizontal	Pass
2	4390.000	49.48	-3.32	74.0	24.52	Peak	154.00	100	Horizontal	Pass
2**	4390.000	41.75	-3.32	54.0	12.25	AV	154.00	100	Horizontal	Pass
3	5831.000	106.16	-1.75	--	--	Peak	337.00	200	Horizontal	N/A
3**	5831.000	99.43	-1.75	--	--	AV	337.00	200	Horizontal	N/A
4	7345.862	49.91	-3.52	74.0	24.09	Peak	32.00	300	Horizontal	Pass
4**	7345.862	40.93	-3.52	54.0	13.07	AV	32.00	300	Horizontal	Pass
5	12411.325	52.85	1.43	74.0	21.15	Peak	137.00	100	Horizontal	Pass
5**	12411.325	43.15	1.43	54.0	10.85	AV	137.00	100	Horizontal	Pass
6	15999.487	55.82	0.27	74.0	18.18	Peak	16.00	400	Horizontal	Pass
6**	15999.487	45.74	0.27	54.0	8.26	AV	16.00	400	Horizontal	Pass

11ax20 (SU), U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.600	38.70	-17.14	74.0	35.30	Peak	241.00	400	Vertical	Pass
1**	1625.600	29.25	-17.14	54.0	24.75	AV	241.00	400	Vertical	Pass
2	4380.200	50.45	-3.35	74.0	23.55	Peak	96.00	200	Vertical	Pass
2**	4380.200	42.23	-3.35	54.0	11.77	AV	96.00	200	Vertical	Pass
3	5823.200	108.03	-2.13	--	--	Peak	349.00	100	Vertical	N/A
3**	5823.200	99.26	-2.13	--	--	AV	349.00	100	Vertical	N/A
4	7468.050	49.91	-3.30	74.0	24.09	Peak	143.00	300	Vertical	Pass
4**	7468.050	39.76	-3.30	54.0	14.24	AV	143.00	300	Vertical	Pass
5	11948.162	53.06	1.45	74.0	20.94	Peak	182.00	200	Vertical	Pass
5**	11948.162	44.02	1.45	54.0	9.98	AV	182.00	200	Vertical	Pass
6	15671.888	55.91	1.47	74.0	18.09	Peak	140.00	100	Vertical	Pass
6**	15671.888	45.98	1.47	54.0	8.02	AV	140.00	100	Vertical	Pass

11ax40 (SU), U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.600	39.05	-17.01	74.0	34.95	Peak	120.00	400	Horizontal	Pass
1**	1499.600	29.88	-17.01	54.0	24.12	AV	120.00	400	Horizontal	Pass
2	4378.200	50.08	-3.44	74.0	23.92	Peak	52.00	100	Horizontal	Pass
2**	4378.200	41.37	-3.44	54.0	12.63	AV	52.00	100	Horizontal	Pass
3	5758.600	109.34	-1.59	--	--	Peak	309.00	150	Horizontal	N/A
3**	5758.600	99.59	-1.59	--	--	AV	309.00	150	Horizontal	N/A
4	7339.537	50.15	-2.93	74.0	23.85	Peak	312.00	200	Horizontal	Pass
4**	7339.537	41.02	-2.93	54.0	12.98	AV	312.00	200	Horizontal	Pass
5	11500.526	53.24	0.04	74.0	20.76	Peak	100.00	150	Horizontal	Pass
5**	11500.526	45.04	0.04	54.0	8.96	AV	100.00	150	Horizontal	Pass
6	15795.526	56.13	2.19	74.0	17.87	Peak	176.00	150	Horizontal	Pass
6**	15795.526	46.63	2.19	54.0	7.37	AV	176.00	150	Horizontal	Pass

11ax40 (SU), U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1469.600	38.96	-17.35	74.0	35.04	Peak	0.00	100	Vertical	Pass
1**	1469.600	29.16	-17.35	54.0	24.84	AV	0.00	100	Vertical	Pass
2	4298.000	50.45	-4.04	74.0	23.55	Peak	7.00	200	Vertical	Pass
2**	4298.000	39.95	-4.04	54.0	14.05	AV	7.00	200	Vertical	Pass
3	5757.600	110.41	-1.72	--	--	Peak	348.00	150	Vertical	N/A
3**	5757.600	102.38	-1.72	--	--	AV	348.00	150	Vertical	N/A
4	7348.738	49.59	-3.74	74.0	24.41	Peak	360.00	400	Vertical	Pass
4**	7348.738	40.97	-3.74	54.0	13.03	AV	360.00	400	Vertical	Pass
5	11505.125	55.33	-0.08	74.0	18.67	Peak	14.00	150	Vertical	Pass
5**	11505.125	49.49	-0.08	54.0	4.51	AV	14.00	150	Vertical	Pass
6	16125.225	55.88	0.81	74.0	18.12	Peak	360.00	200	Vertical	Pass
6**	16125.225	45.50	0.81	54.0	8.50	AV	360.00	200	Vertical	Pass

11ax40 (SU), U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.300	39.04	-17.21	74.0	34.96	Peak	146.00	200	Horizontal	Pass
1**	1511.300	29.99	-17.21	54.0	24.01	AV	146.00	200	Horizontal	Pass
2	4391.000	49.81	-3.38	74.0	24.19	Peak	184.00	300	Horizontal	Pass
2**	4391.000	41.54	-3.38	54.0	12.46	AV	184.00	300	Horizontal	Pass
3	5798.600	108.63	-1.66	--	--	Peak	340.00	200	Horizontal	N/A
3**	5798.600	99.74	-1.66	--	--	AV	340.00	200	Horizontal	N/A
4	7360.525	49.60	-3.80	74.0	24.40	Peak	86.00	200	Horizontal	Pass
4**	7360.525	40.84	-3.80	54.0	13.16	AV	86.00	200	Horizontal	Pass
5	12435.188	53.18	1.70	74.0	20.82	Peak	120.00	150	Horizontal	Pass
5**	12435.188	43.84	1.70	54.0	10.16	AV	120.00	150	Horizontal	Pass
6	16049.887	55.51	0.73	74.0	18.49	Peak	236.00	100	Horizontal	Pass
6**	16049.887	45.94	0.73	54.0	8.06	AV	236.00	100	Horizontal	Pass

11ax40 (SU), U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1577.000	38.66	-17.41	74.0	35.34	Peak	53.00	100	Vertical	Pass
1**	1577.000	29.06	-17.41	54.0	24.94	AV	53.00	100	Vertical	Pass
2	4390.600	50.15	-3.33	74.0	23.85	Peak	255.00	400	Vertical	Pass
2**	4390.600	41.36	-3.33	54.0	12.64	AV	255.00	400	Vertical	Pass
3	5791.000	110.27	-1.90	--	--	Peak	349.00	150	Vertical	N/A
3**	5791.000	102.41	-1.90	--	--	AV	349.00	150	Vertical	N/A
4	7346.150	50.19	-3.53	74.0	23.81	Peak	311.00	100	Vertical	Pass
4**	7346.150	40.99	-3.53	54.0	13.01	AV	311.00	100	Vertical	Pass
5	11591.088	51.14	-0.20	74.0	22.86	Peak	10.00	150	Vertical	Pass
5**	11591.088	47.02	-0.20	54.0	6.98	AV	10.00	150	Vertical	Pass
6	17395.462	56.35	3.02	68.2	11.85	Peak	0.00	150	Vertical	Pass
6**	17395.462	52.29	3.02	--	--	AV	0.00	150	Vertical	N/A

11ax80 (SU), U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.800	38.85	-16.97	74.0	35.15	Peak	102.00	200	Horizontal	Pass
1**	1457.800	29.49	-16.97	54.0	24.51	AV	102.00	200	Horizontal	Pass
2	4380.200	50.08	-3.35	74.0	23.92	Peak	242.00	300	Horizontal	Pass
2**	4380.200	40.97	-3.35	54.0	13.03	AV	242.00	300	Horizontal	Pass
3	5777.000	105.12	-2.10	--	--	Peak	64.00	100	Horizontal	N/A
3**	5777.000	97.02	-2.10	--	--	AV	64.00	100	Horizontal	N/A
4	7336.950	50.47	-3.01	74.0	23.53	Peak	37.00	200	Horizontal	Pass
4**	7336.950	41.10	-3.01	54.0	12.90	AV	37.00	200	Horizontal	Pass
5	12240.838	53.12	1.06	74.0	20.88	Peak	3.00	200	Horizontal	Pass
5**	12240.838	43.42	1.06	54.0	10.58	AV	3.00	200	Horizontal	Pass
6	15792.113	55.84	2.08	74.0	18.16	Peak	77.00	300	Horizontal	Pass
6**	15792.113	46.47	2.08	54.0	7.53	AV	77.00	300	Horizontal	Pass

11ax80 (SU), U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.700	39.23	-17.06	74.0	34.77	Peak	86.00	300	Vertical	Pass
1**	1623.700	29.95	-17.06	54.0	24.05	AV	86.00	300	Vertical	Pass
2	4382.600	50.25	-3.64	74.0	23.75	Peak	210.00	100	Vertical	Pass
2**	4382.600	41.52	-3.64	54.0	12.48	AV	210.00	100	Vertical	Pass
3	5768.600	106.94	-1.89	--	--	Peak	348.00	100	Vertical	N/A
3**	5768.600	97.13	-1.89	--	--	AV	348.00	100	Vertical	N/A
4	7332.063	49.89	-3.27	74.0	24.11	Peak	178.00	100	Vertical	Pass
4**	7332.063	40.94	-3.27	54.0	13.06	AV	178.00	100	Vertical	Pass
5	12337.438	53.45	1.32	74.0	20.55	Peak	42.00	200	Vertical	Pass
5**	12337.438	44.16	1.32	54.0	9.84	AV	42.00	200	Vertical	Pass
6	16147.276	55.58	1.02	74.0	18.42	Peak	327.00	200	Vertical	Pass
6**	16147.276	45.94	1.02	54.0	8.06	AV	327.00	200	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

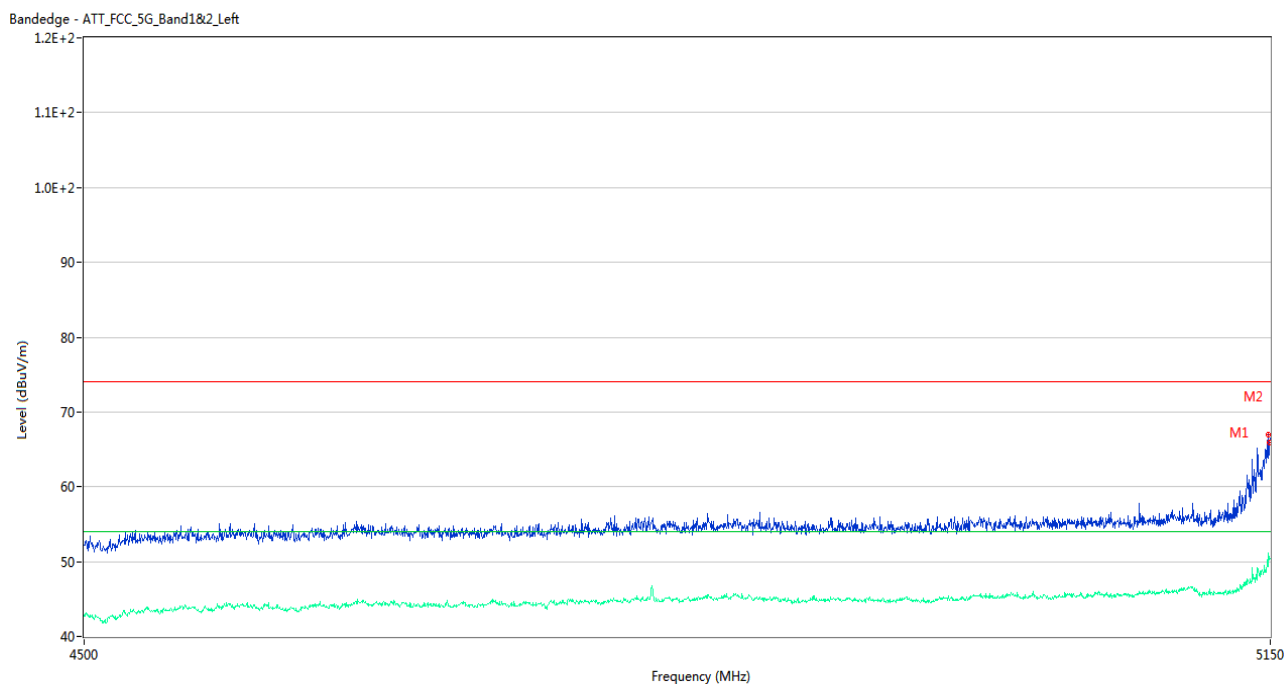
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
	802.11ax(HE20) (SU)	Low	Pass
		High	Pass
	802.11ax(HE40) (SU)	Low	Pass
		High	Pass
	802.11ax(HE80) (SU)	Middle	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
	802.11ax(HE20) (SU)	Low	Pass
		High	Pass
	802.11ax(HE40) (SU)	Low	Pass
		High	Pass
	802.11ax(HE80) (SU)	Middle	Pass
	802.11ax(HE20) (RU26)	Low	Pass
		High	Pass
	802.11ax(HE40) (RU26)	Low	Pass

		High	Pass
	802.11ax(HE80) (RU26)	Middle	Pass

Note: All antenna were tested, but only the worst case has been reported in this report.

Test Data and Plots

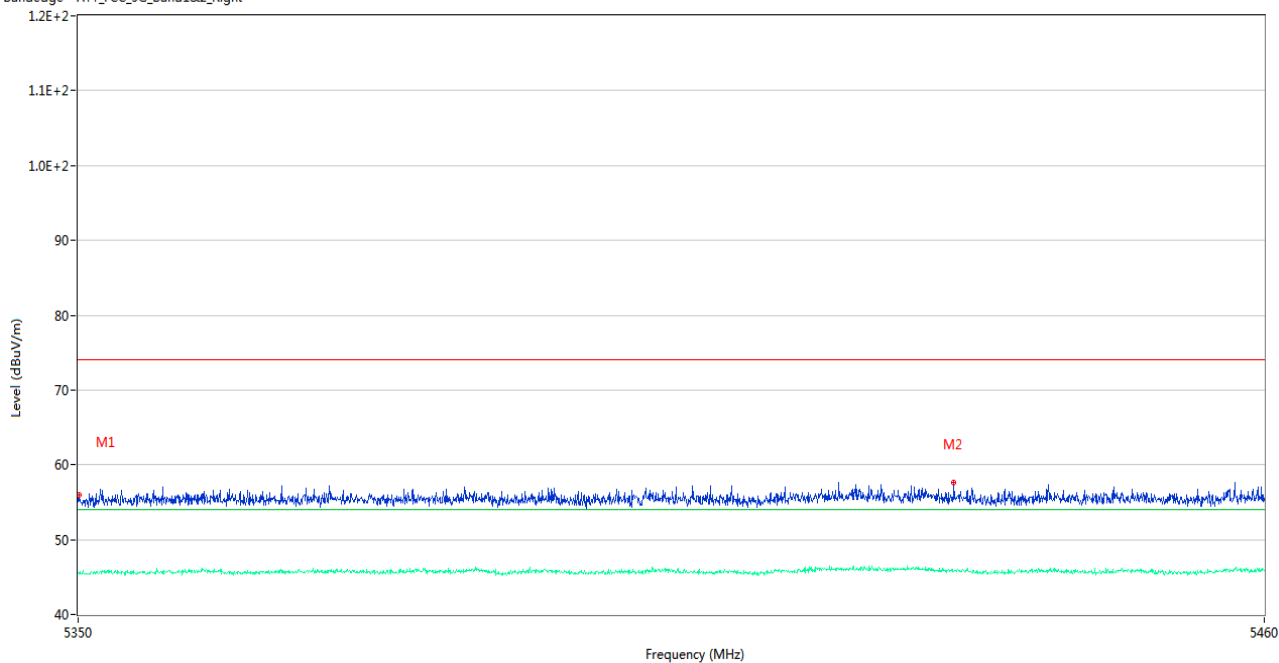
U-NII-1 11a Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	67.04	2.02	74.0	6.96	Peak	149.00	150	Vertical	Pass
1**	5149.025	50.91	2.02	54.0	3.09	AV	149.00	150	Vertical	Pass
2	5149.675	65.99	2.07	74.0	8.01	Peak	30.00	200	Vertical	Pass
2**	5149.675	50.73	2.07	54.0	3.27	AV	30.00	200	Vertical	Pass

U-NII-1 11a High Channel

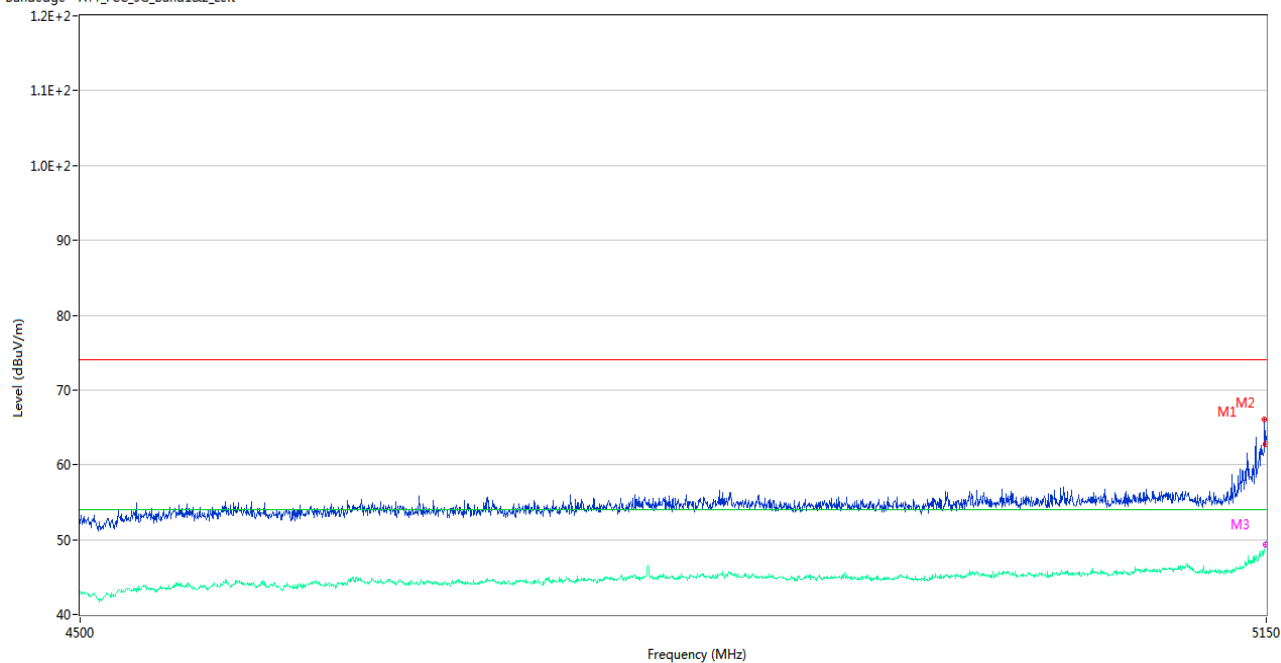
Bandedge - ATT_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.98	1.93	74.0	18.02	Peak	350.00	200	Vertical	Pass
1**	5350.055	45.41	1.93	54.0	8.59	AV	350.00	200	Vertical	Pass
2	5431.015	57.68	2.29	74.0	16.32	Peak	284.00	150	Vertical	Pass
2**	5431.015	45.68	2.29	54.0	8.32	AV	284.00	150	Vertical	Pass

U-NII-1 11n20 Low Channel

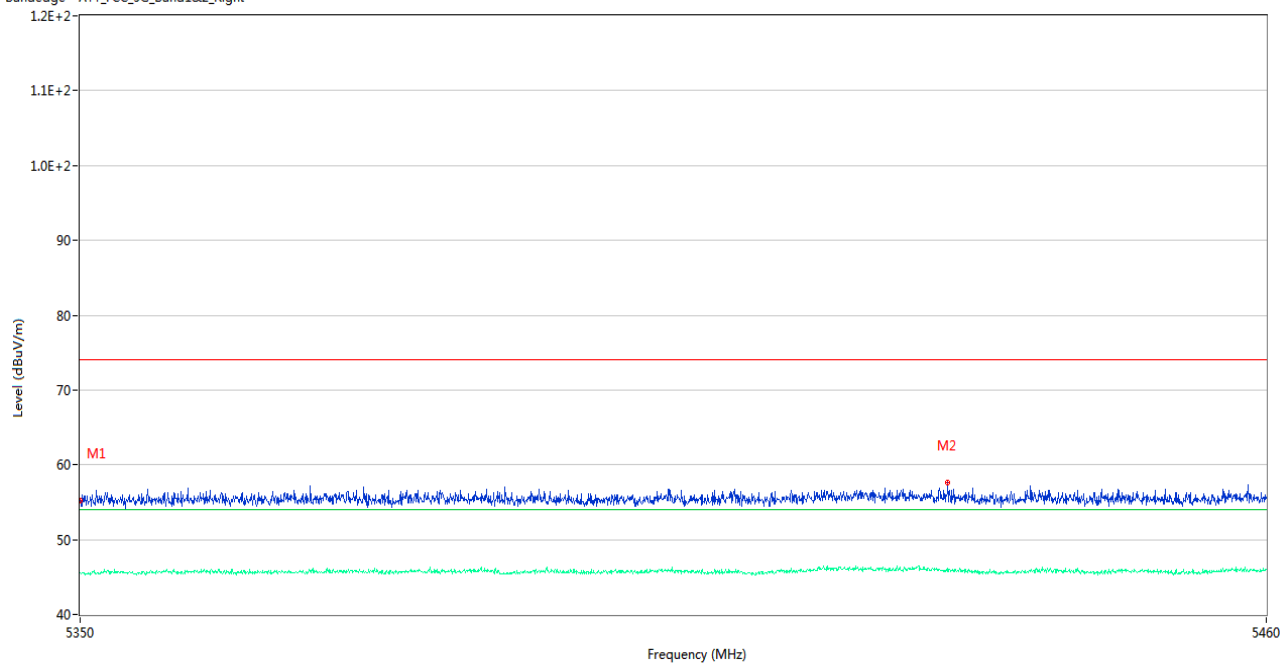
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	66.02	2.02	74.0	7.98	Peak	146.00	200	Vertical	Pass
1**	5149.025	48.33	2.02	54.0	5.67	AV	146.00	200	Vertical	Pass
2	5149.675	62.79	2.07	74.0	11.21	Peak	151.00	200	Vertical	Pass
2**	5149.675	49.33	2.07	54.0	4.67	AV	151.00	200	Vertical	Pass
3	5149.350	63.14	2.05	74.0	10.86	Peak	141.00	150	Vertical	Pass
3**	5149.350	49.37	2.05	54.0	4.63	AV	141.00	150	Vertical	Pass

U-NII-1 11n20 High Channel

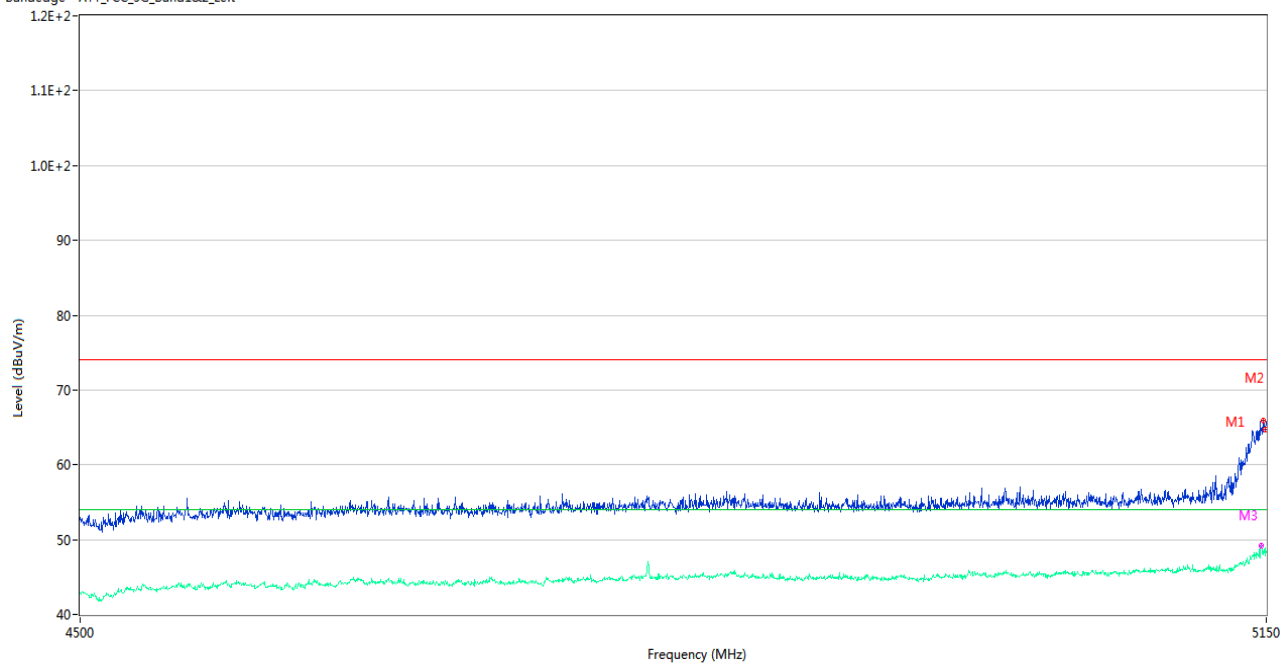
Bandedge - ATT_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.26	1.93	74.0	18.74	Peak	185.00	200	Vertical	Pass
1**	5350.000	45.55	1.93	54.0	8.45	AV	185.00	200	Vertical	Pass
2	5430.245	57.57	2.29	74.0	16.43	Peak	161.00	100	Vertical	Pass
2**	5430.245	46.24	2.29	54.0	7.76	AV	161.00	100	Vertical	Pass

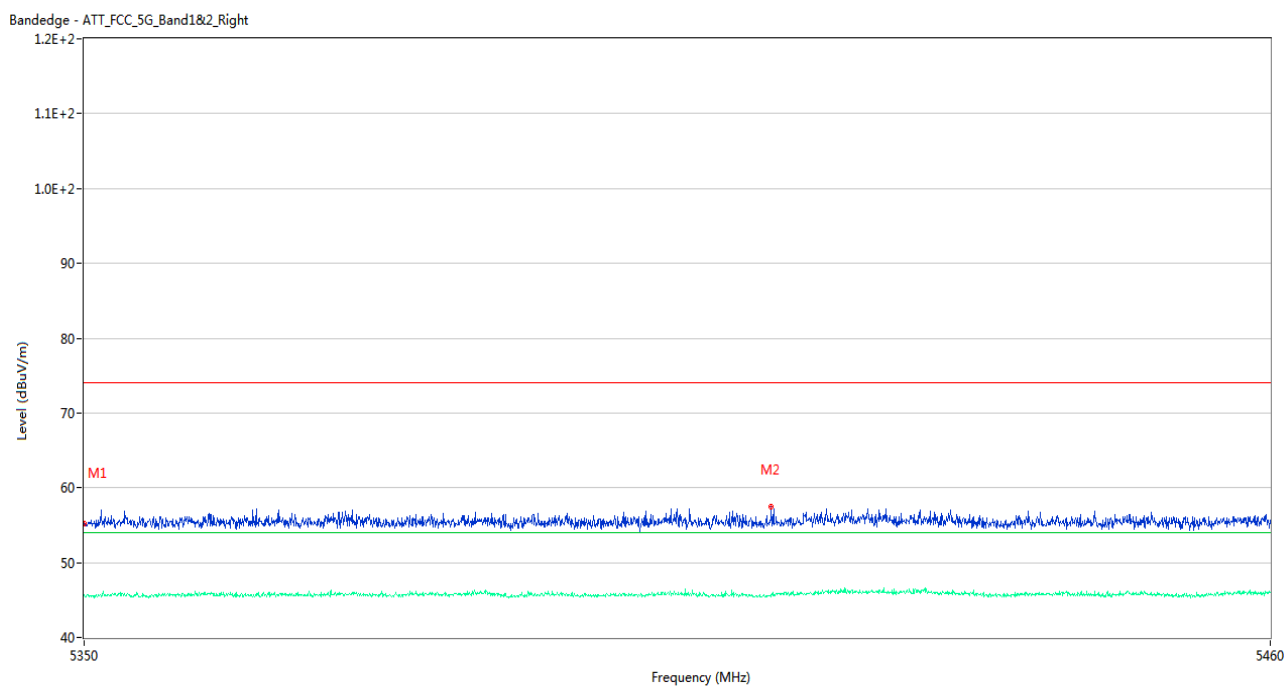
U-NII-1 11n40 Low Channel

Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.050	65.85	2.14	74.0	8.15	Peak	153.00	100	Vertical	Pass
1**	5148.050	47.95	2.14	54.0	6.05	AV	153.00	100	Vertical	Pass
2	5149.675	64.68	2.07	74.0	9.32	Peak	158.00	200	Vertical	Pass
2**	5149.675	47.90	2.07	54.0	6.10	AV	158.00	200	Vertical	Pass
3	5147.075	64.90	2.27	74.0	9.10	Peak	156.00	150	Vertical	Pass
3**	5147.075	49.20	2.27	54.0	4.80	AV	156.00	150	Vertical	Pass

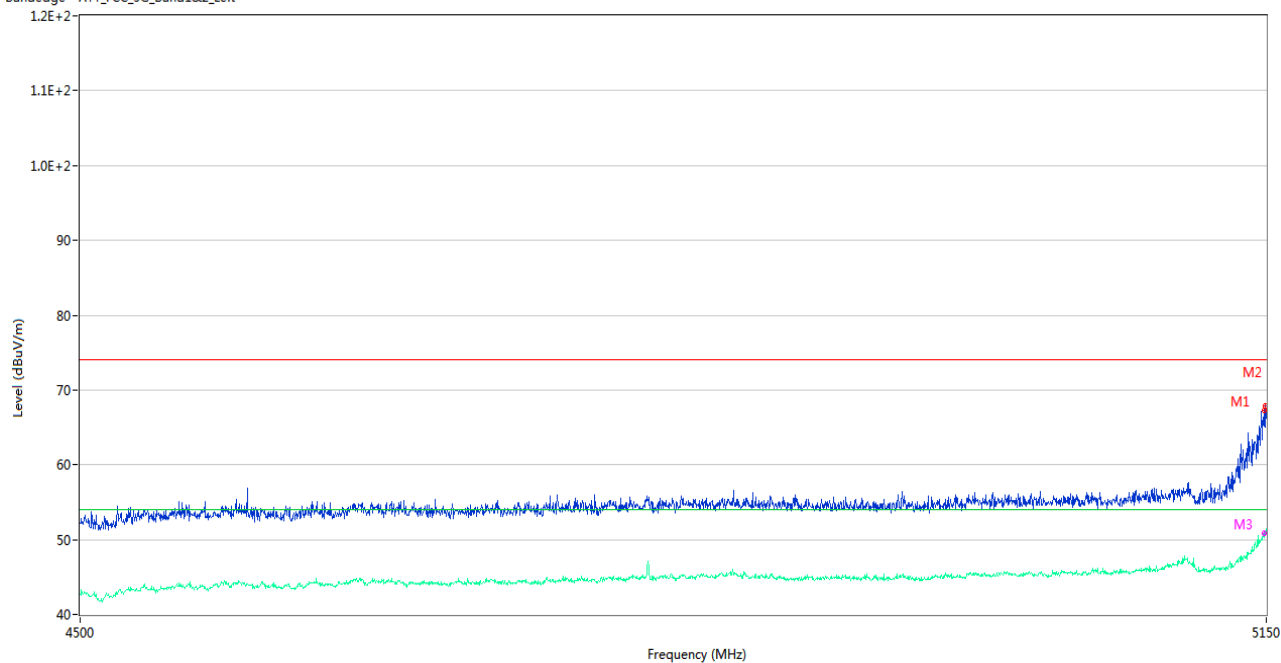
U-NII-1 11n40 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.16	1.93	74.0	18.84	Peak	18.00	150	Vertical	Pass
1**	5350.000	45.65	1.93	54.0	8.35	AV	18.00	150	Vertical	Pass
2	5413.470	57.41	1.97	74.0	16.59	Peak	255.00	200	Vertical	Pass
2**	5413.470	45.49	1.97	54.0	8.51	AV	255.00	200	Vertical	Pass

U-NII-1 11ac20 Low Channel

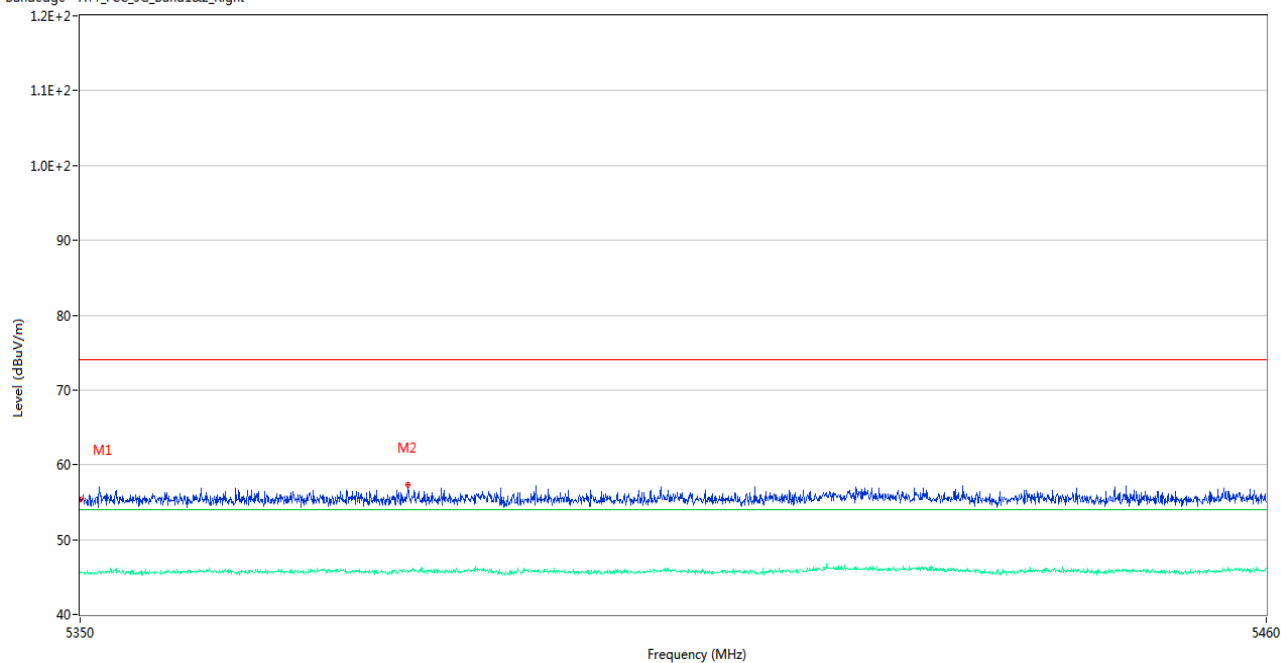
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	67.31	2.06	74.0	6.69	Peak	360.00	150	Vertical	Pass
1**	5148.700	50.29	2.06	54.0	3.71	AV	360.00	150	Vertical	Pass
2	5149.675	67.94	2.07	74.0	6.06	Peak	146.00	150	Vertical	Pass
2**	5149.675	50.74	2.07	54.0	3.26	AV	146.00	150	Vertical	Pass
3	5149.025	65.27	2.02	74.0	8.73	Peak	29.00	150	Vertical	Pass
3**	5149.025	50.83	2.02	54.0	3.17	AV	29.00	150	Vertical	Pass

U-NII-1 11ac20 High Channel

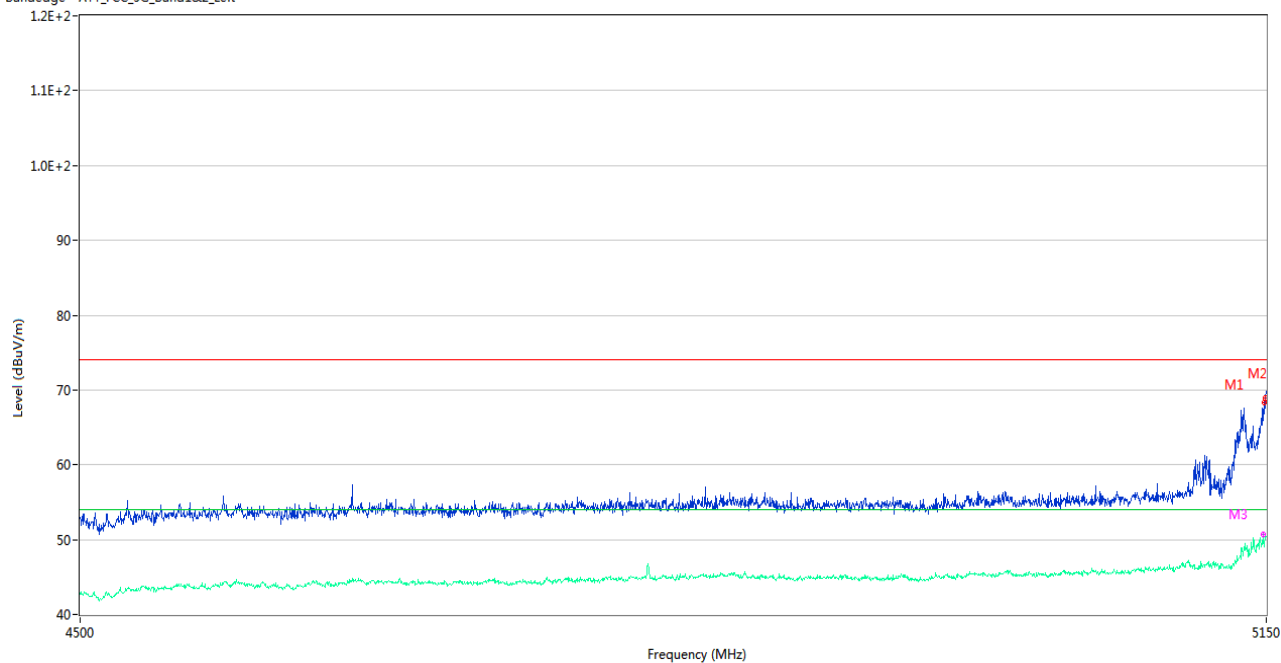
Bandedge - ATT_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.42	1.93	74.0	18.58	Peak	217.00	150	Vertical	Pass
1**	5350.000	45.60	1.93	54.0	8.40	AV	217.00	150	Vertical	Pass
2	5380.195	57.30	2.25	74.0	16.70	Peak	21.00	100	Vertical	Pass
2**	5380.195	45.59	2.25	54.0	8.41	AV	21.00	100	Vertical	Pass

U-NII-1 11ac40 Low Channel

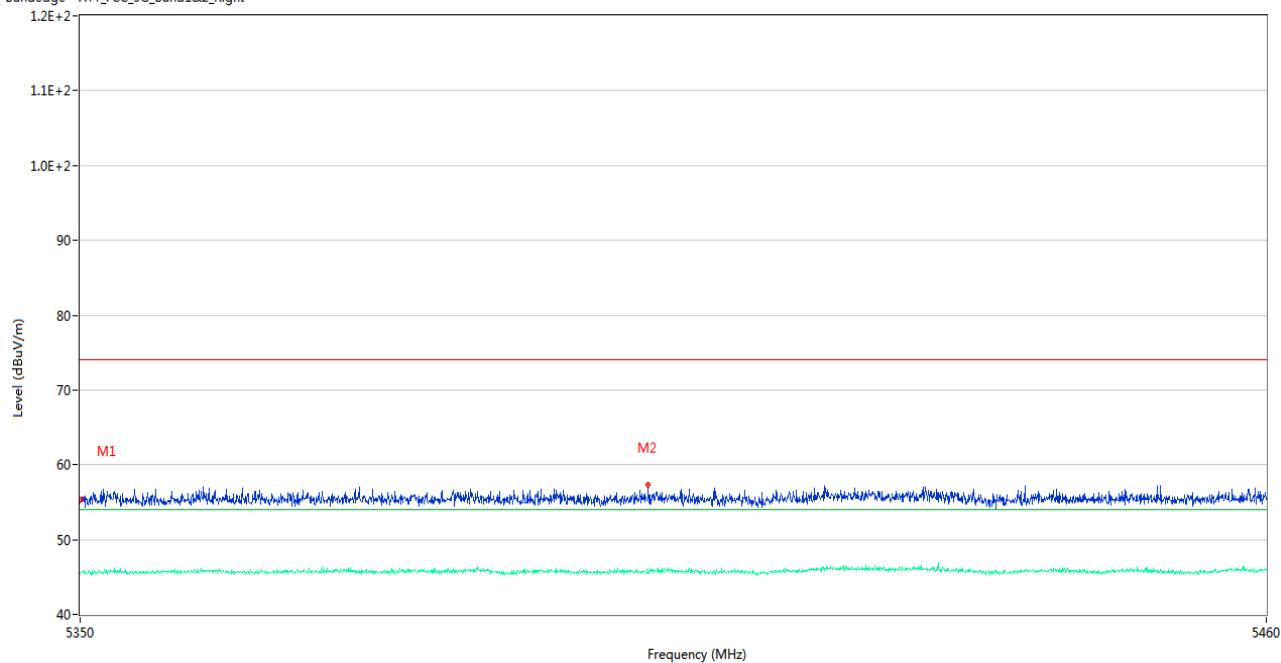
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	68.26	2.02	74.0	5.74	Peak	147.00	150	Vertical	Pass
1**	5149.025	49.04	2.02	54.0	4.96	AV	147.00	150	Vertical	Pass
2	5149.675	68.95	2.07	74.0	5.05	Peak	346.00	150	Vertical	Pass
2**	5149.675	50.34	2.07	54.0	3.66	AV	346.00	150	Vertical	Pass
3	5148.050	65.92	2.14	74.0	8.08	Peak	320.00	150	Vertical	Pass
3**	5148.050	50.64	2.14	54.0	3.36	AV	320.00	150	Vertical	Pass

U-NII-1 11ac40 High Channel

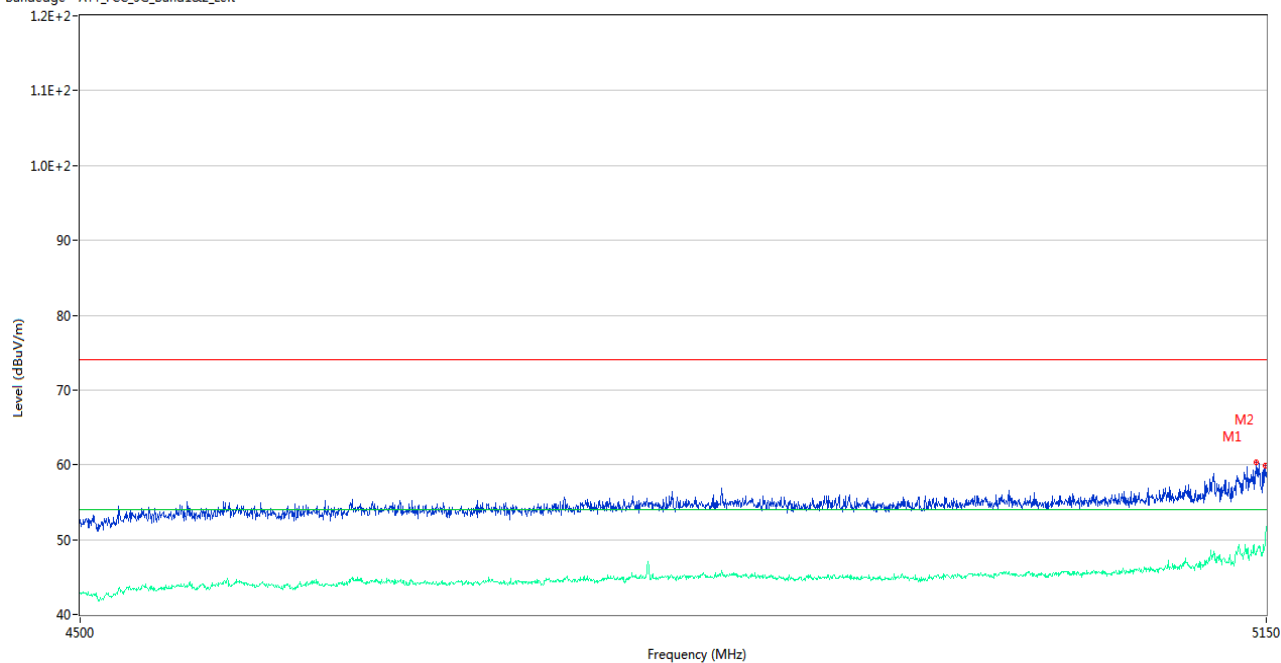
Bandedge - ATT_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.37	1.93	74.0	18.63	Peak	0.00	150	Vertical	Pass
1**	5350.055	45.75	1.93	54.0	8.25	AV	0.00	150	Vertical	Pass
2	5402.415	57.30	2.00	74.0	16.70	Peak	12.00	100	Vertical	Pass
2**	5402.415	45.58	2.00	54.0	8.42	AV	12.00	100	Vertical	Pass

U-NII-1 11ac80 Middle Channel

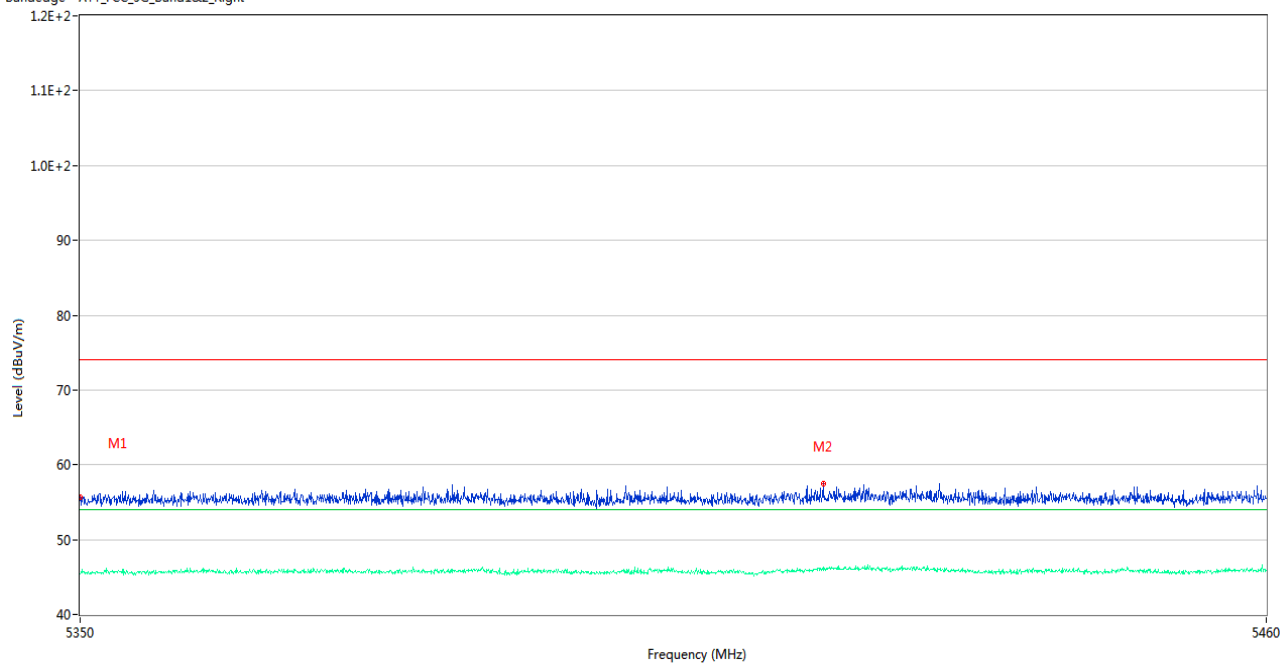
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5143.825	60.40	2.34	74.0	13.60	Peak	357.00	150	Vertical	Pass
1**	5143.825	48.02	2.34	54.0	5.98	AV	357.00	150	Vertical	Pass
2	5149.675	59.85	2.07	74.0	14.15	Peak	355.00	150	Vertical	Pass
2**	5149.675	50.40	2.07	54.0	3.60	AV	355.00	150	Vertical	Pass

U-NII-1 11ac80 Middle Channel

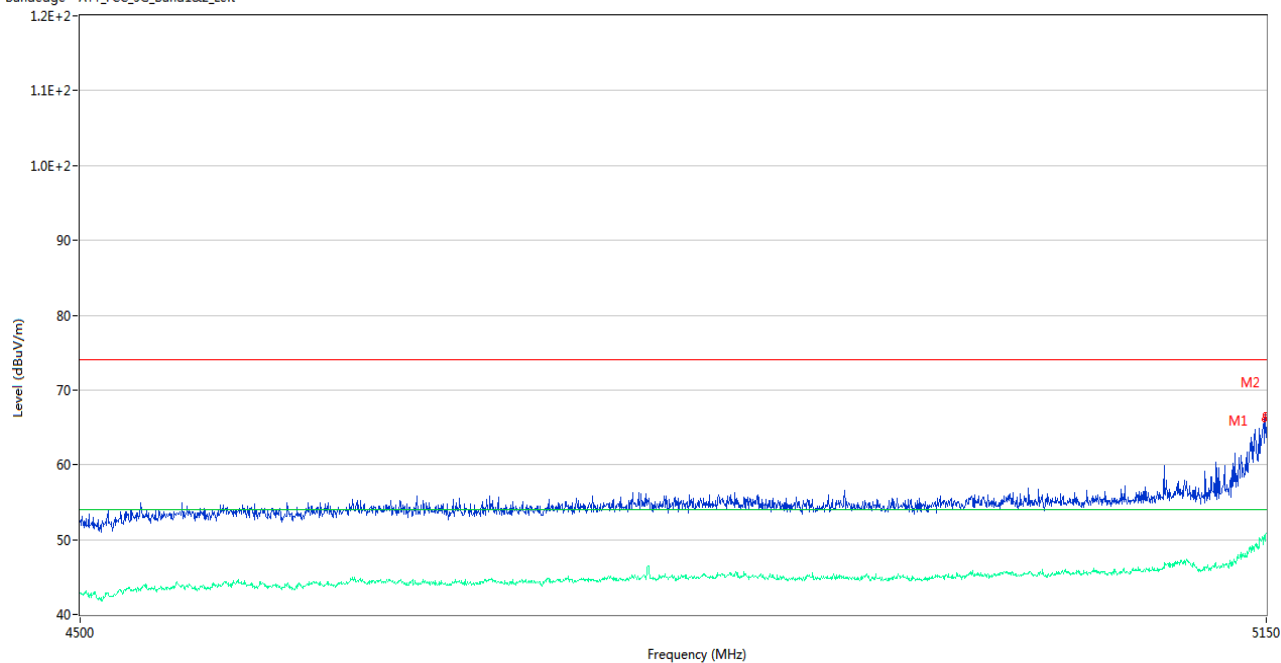
Bandedge - ATT_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.62	1.93	74.0	18.38	Peak	360.00	150	Vertical	Pass
1**	5350.000	45.39	1.93	54.0	8.61	AV	360.00	150	Vertical	Pass
2	5418.640	57.51	2.43	74.0	16.49	Peak	351.00	100	Vertical	Pass
2**	5418.640	45.92	2.43	54.0	8.08	AV	351.00	100	Vertical	Pass

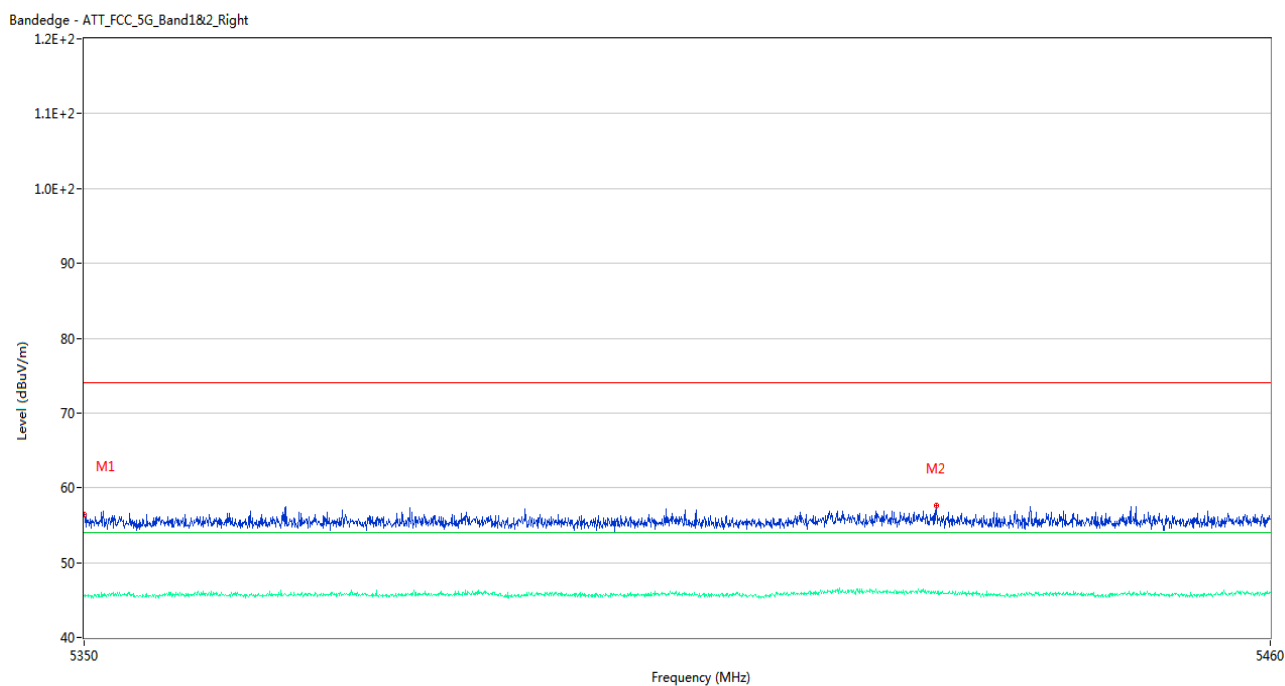
U-NII-1 11ax20 (SU) Low Channel

Bandedge - ATT_FCC_5G_Band1&2_Left



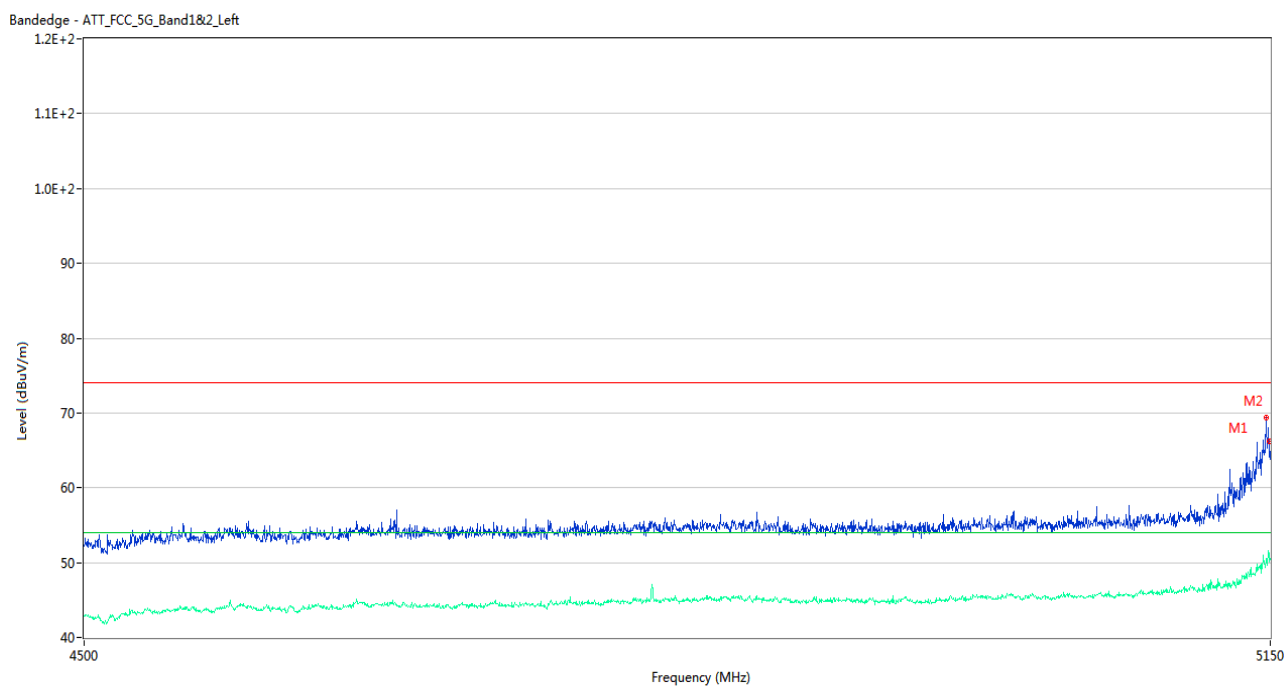
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	66.11	2.06	74.0	7.89	Peak	314.00	150	Vertical	Pass
1**	5148.700	50.55	2.06	54.0	3.45	AV	314.00	150	Vertical	Pass
2	5149.675	66.72	2.07	74.0	7.28	Peak	346.00	200	Vertical	Pass
2**	5149.675	50.73	2.07	54.0	3.27	AV	346.00	200	Vertical	Pass

U-NII-1 11ax20 (SU) High Channel



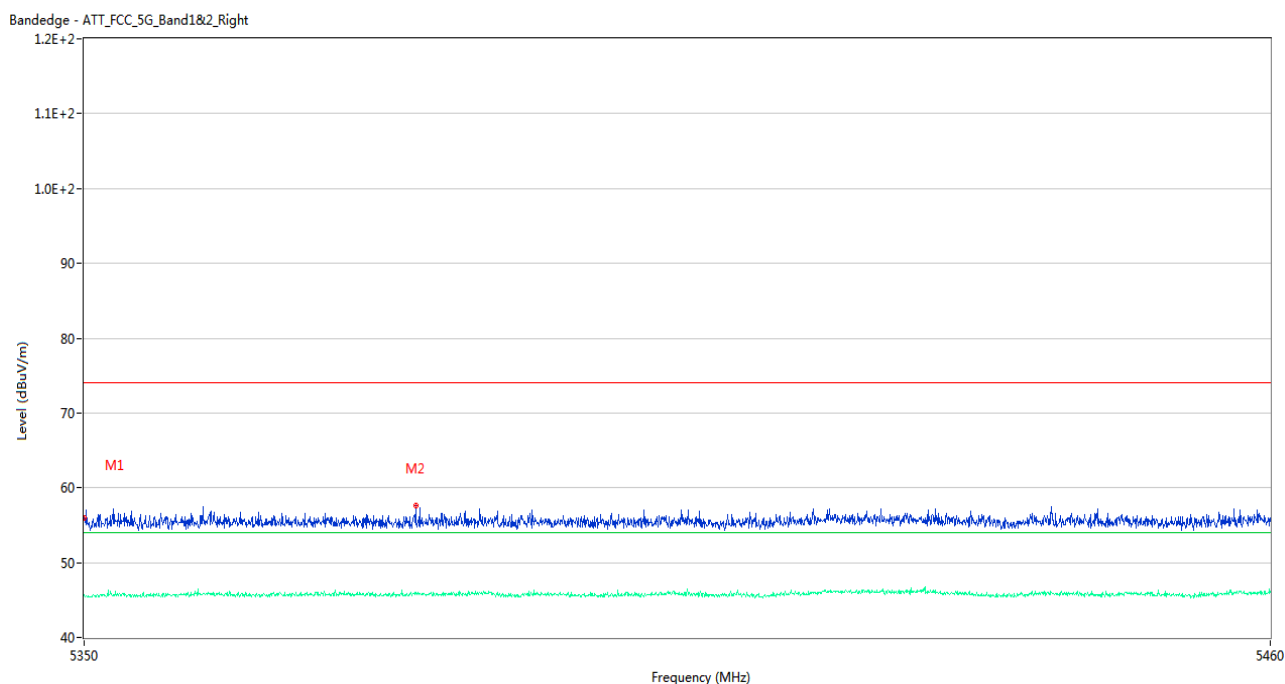
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.41	1.93	74.0	17.59	Peak	16.00	150	Vertical	Pass
1**	5350.000	45.57	1.93	54.0	8.43	AV	16.00	150	Vertical	Pass
2	5428.815	57.63	2.38	74.0	16.37	Peak	306.00	150	Vertical	Pass
2**	5428.815	45.93	2.38	54.0	8.07	AV	306.00	150	Vertical	Pass

U-NII-1 11ax40 (SU) Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.400	69.44	2.23	74.0	4.56	Peak	148.00	150	Vertical	Pass
1**	5147.400	50.43	2.23	54.0	3.57	AV	148.00	150	Vertical	Pass
2	5149.675	66.26	2.07	74.0	7.74	Peak	148.00	200	Vertical	Pass
2**	5149.675	50.15	2.07	54.0	3.85	AV	148.00	200	Vertical	Pass

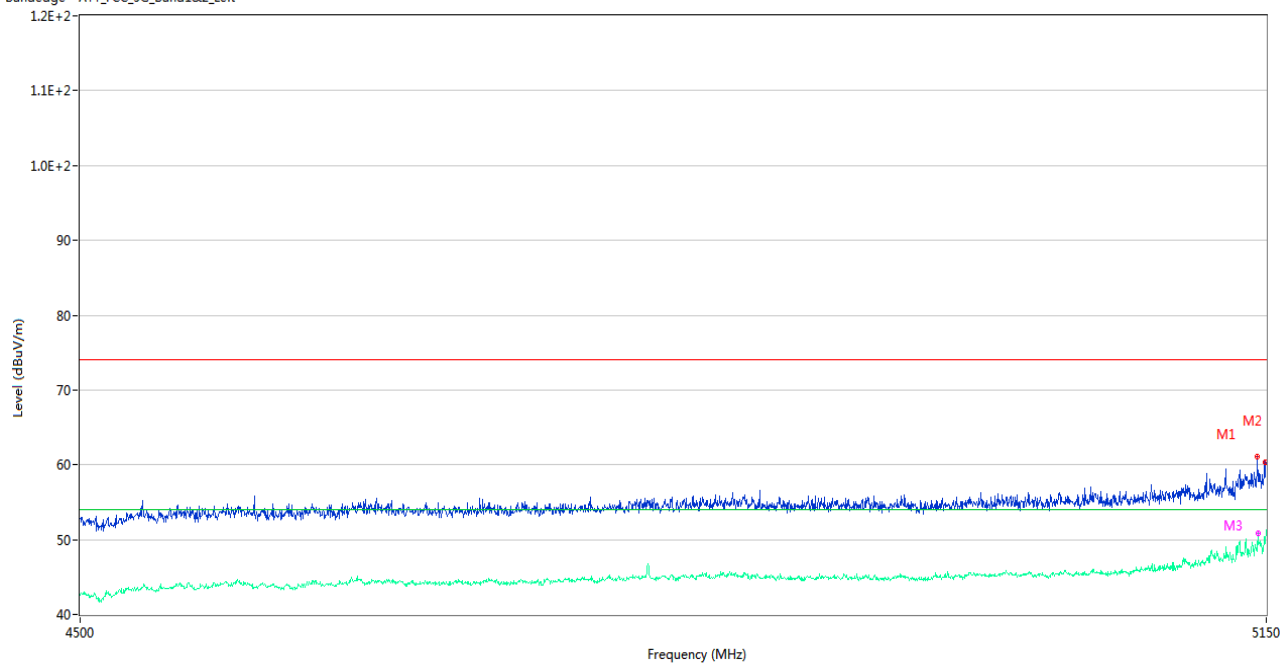
U-NII-1 11ax40 (SU) High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.03	1.93	74.0	17.97	Peak	318.00	100	Vertical	Pass
1**	5350.000	45.74	1.93	54.0	8.26	AV	318.00	100	Vertical	Pass
2	5380.525	57.58	2.28	74.0	16.42	Peak	234.00	200	Vertical	Pass
2**	5380.525	45.97	2.28	54.0	8.03	AV	234.00	200	Vertical	Pass

U-NII-1 11ax80 (SU) Middle Channel

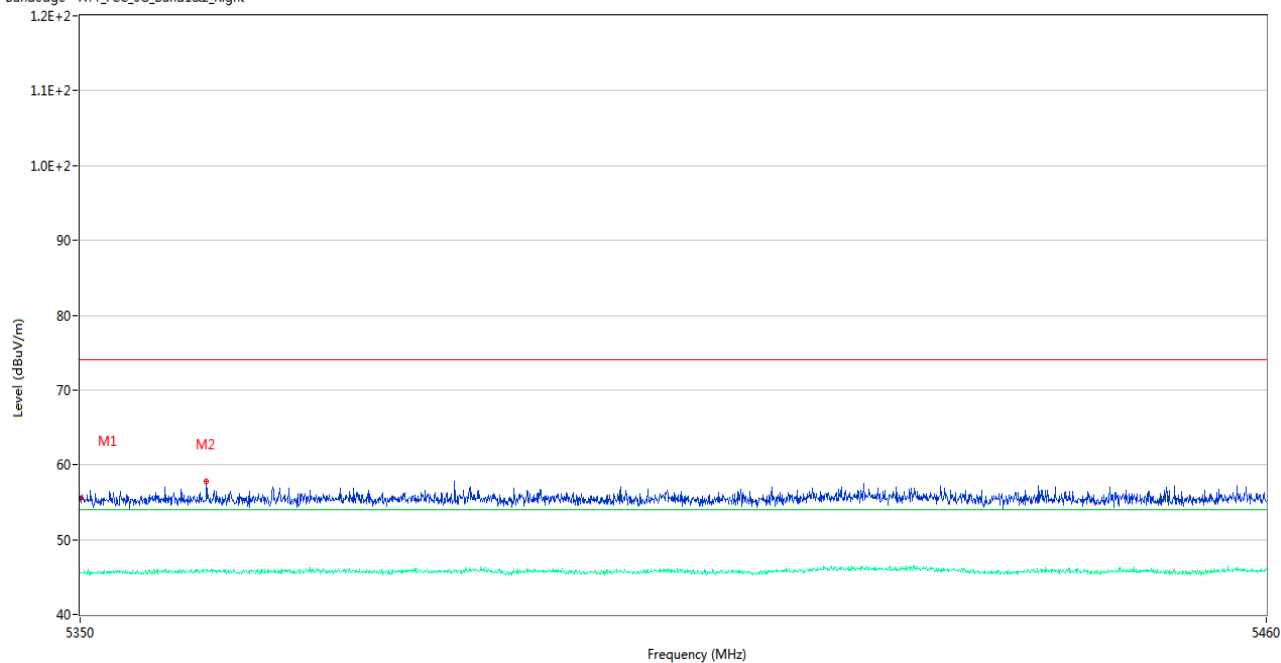
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5144.800	61.10	2.25	74.0	12.90	Peak	348.00	200	Vertical	Pass
1**	5144.800	48.89	2.25	54.0	5.11	AV	348.00	200	Vertical	Pass
2	5149.675	60.27	2.07	74.0	13.73	Peak	345.00	100	Vertical	Pass
2**	5149.675	49.72	2.07	54.0	4.28	AV	345.00	100	Vertical	Pass
3	5145.125	57.79	2.26	74.0	16.21	Peak	351.00	150	Vertical	Pass
3**	5145.125	50.81	2.26	54.0	3.19	AV	351.00	150	Vertical	Pass

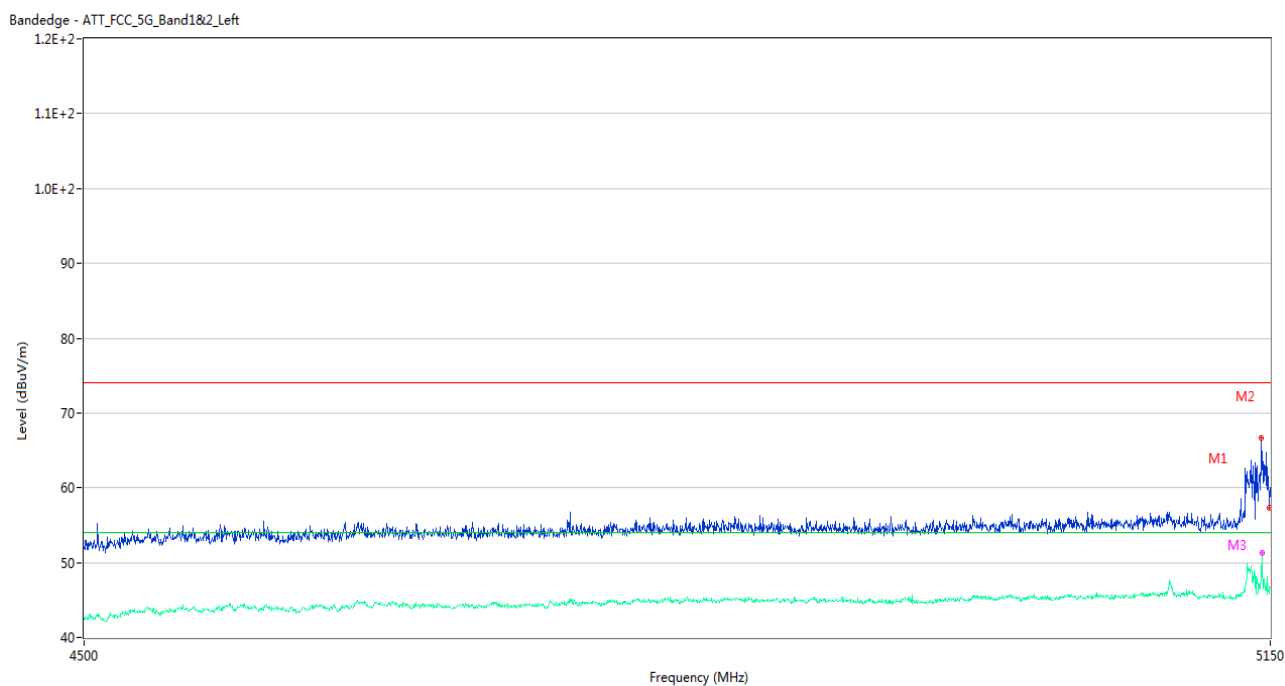
U-NII-1 11ax80 (SU) Middle Channel

Bandedge - ATT_FCC_5G_Band1&2_Right



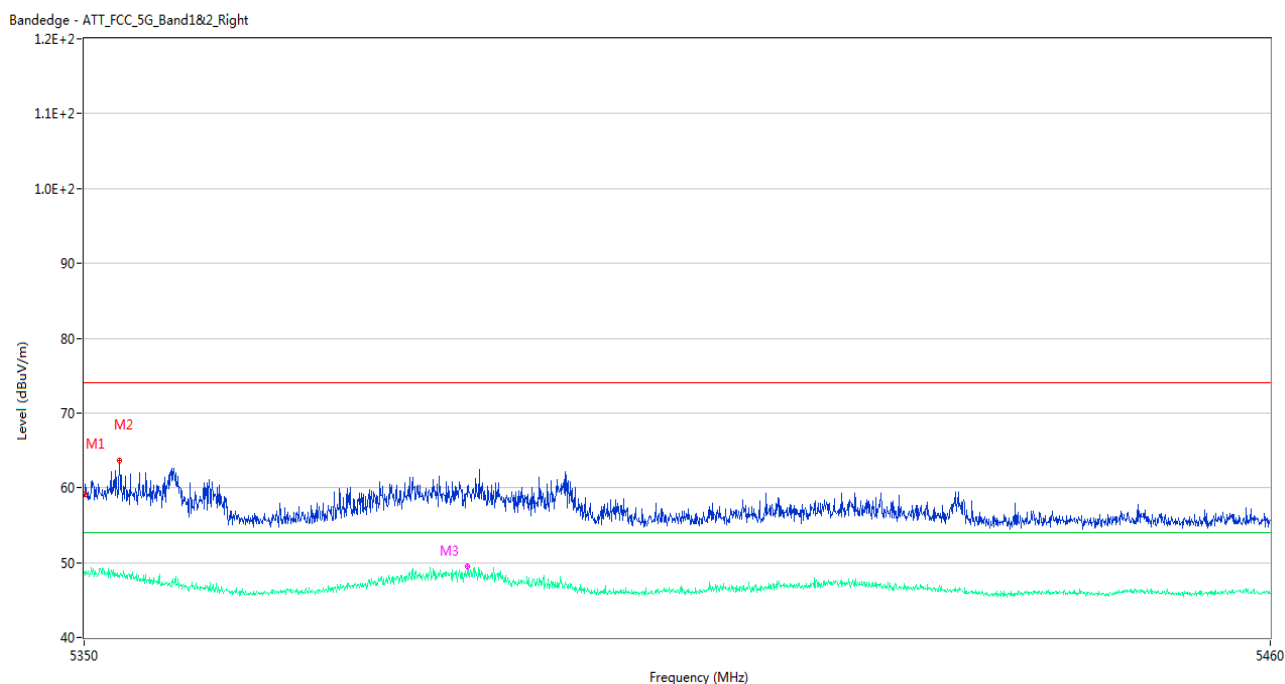
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.45	1.93	74.0	18.55	Peak	234.00	100	Vertical	Pass
1**	5350.000	45.52	1.93	54.0	8.48	AV	234.00	100	Vertical	Pass
2	5361.605	57.81	2.36	74.0	16.19	Peak	357.00	200	Vertical	Pass
2**	5361.605	45.88	2.36	54.0	8.12	AV	357.00	200	Vertical	Pass

U-NII-1 11ax20 (RU26) Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5144.800	66.67	2.25	74.0	7.33	Peak	168.00	100	Vertical	Pass
1**	5144.800	47.96	2.25	54.0	6.04	AV	168.00	100	Vertical	Pass
2	5149.675	57.39	2.07	74.0	16.61	Peak	100.00	100	Vertical	Pass
2**	5149.675	46.77	2.07	54.0	7.23	AV	100.00	100	Vertical	Pass
3	5145.125	63.31	2.26	74.0	10.69	Peak	269.00	150	Vertical	Pass
3**	5145.125	50.91	2.26	54.0	3.09	AV	269.00	150	Vertical	Pass

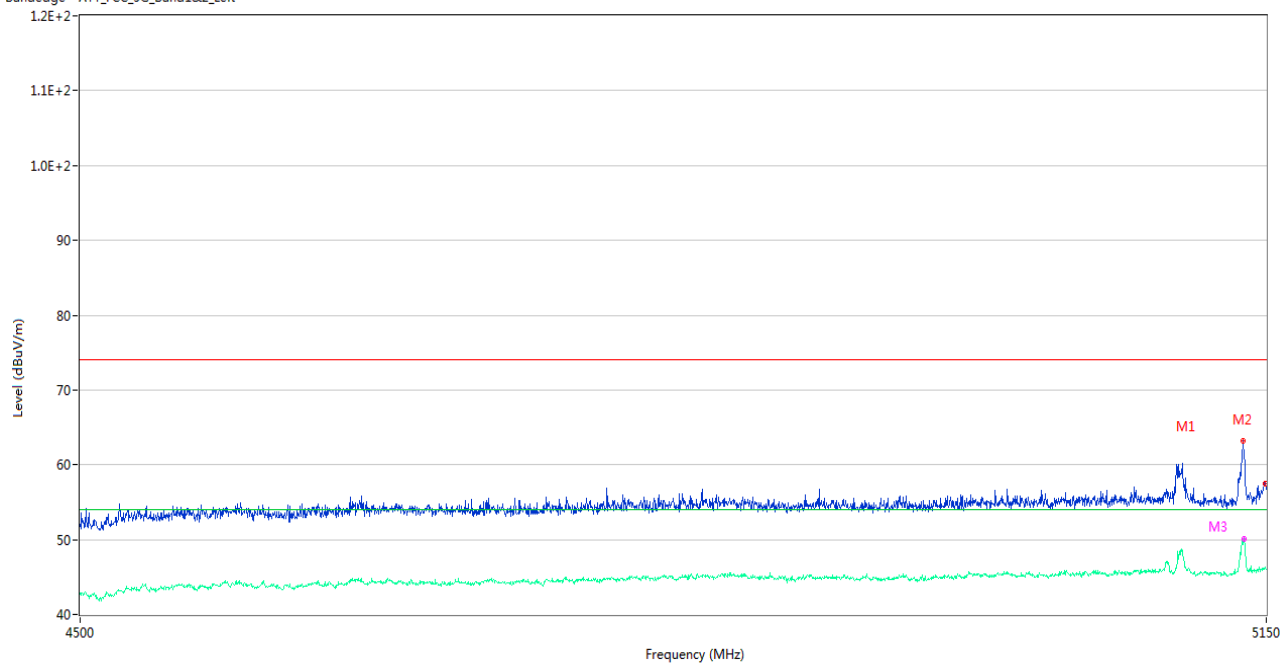
U-NII-1 11ax20 (RU26) High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	59.20	1.93	74.0	14.80	Peak	92.00	200	Vertical	Pass
1**	5350.055	48.29	1.93	54.0	5.71	AV	92.00	200	Vertical	Pass
2	5353.245	63.72	2.15	74.0	10.28	Peak	18.00	100	Vertical	Pass
2**	5353.245	48.05	2.15	54.0	5.95	AV	18.00	100	Vertical	Pass
3	5385.310	60.01	2.24	74.0	13.99	Peak	43.00	150	Vertical	Pass
3**	5385.310	49.55	2.24	54.0	4.45	AV	43.00	150	Vertical	Pass

U-NII-1 11ax40 (RU26) Low Channel

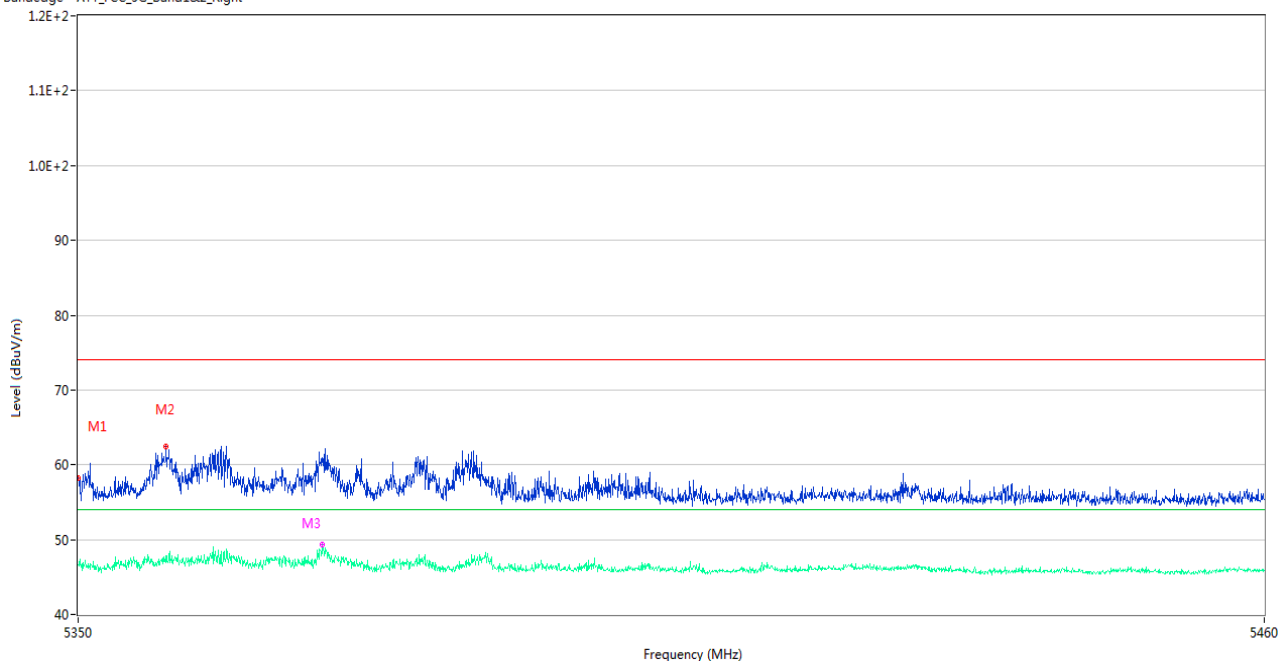
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5136.675	63.25	2.42	74.0	10.75	Peak	97.00	150	Vertical	Pass
1**	5136.675	49.27	2.42	54.0	4.73	AV	97.00	150	Vertical	Pass
2	5149.675	57.54	2.07	74.0	16.46	Peak	86.00	100	Vertical	Pass
2**	5149.675	46.13	2.07	54.0	7.87	AV	86.00	100	Vertical	Pass
3	5137.000	61.00	2.41	74.0	13.00	Peak	99.00	150	Vertical	Pass
3**	5137.000	50.14	2.41	54.0	3.86	AV	99.00	150	Vertical	Pass

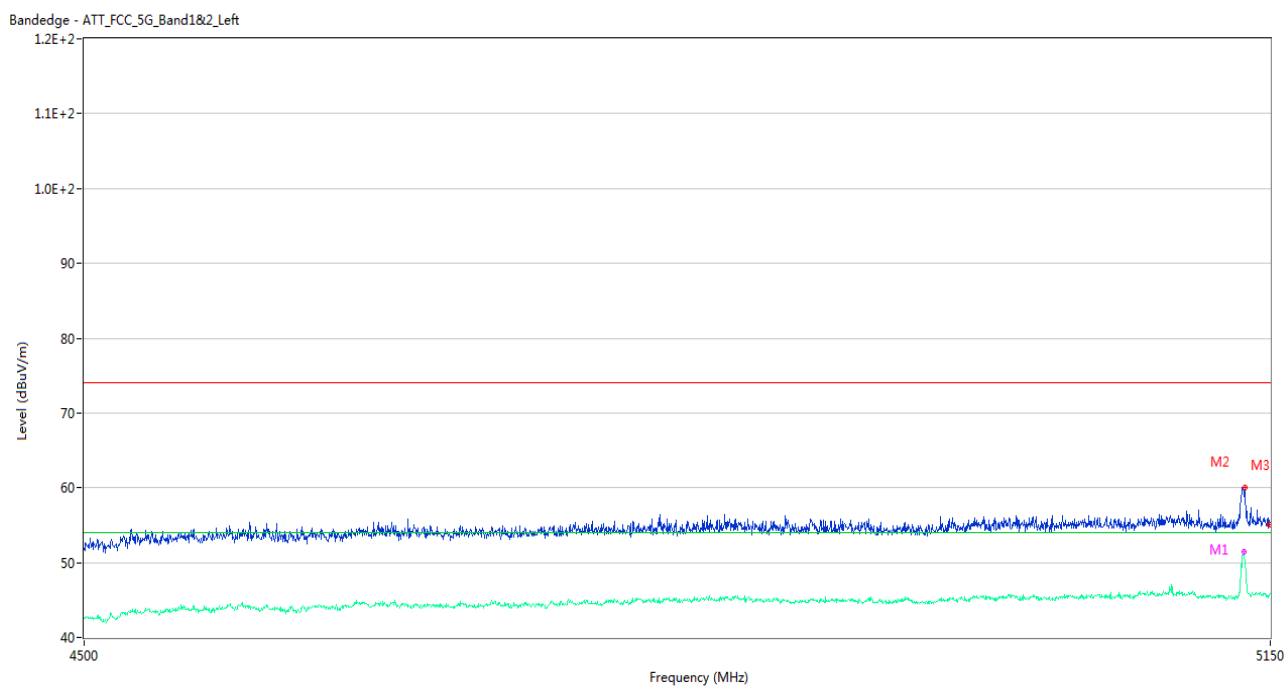
U-NII-1 11ax40 (RU26) High Channel

Bandedge - ATT_FCC_5G_Band1&2_Right



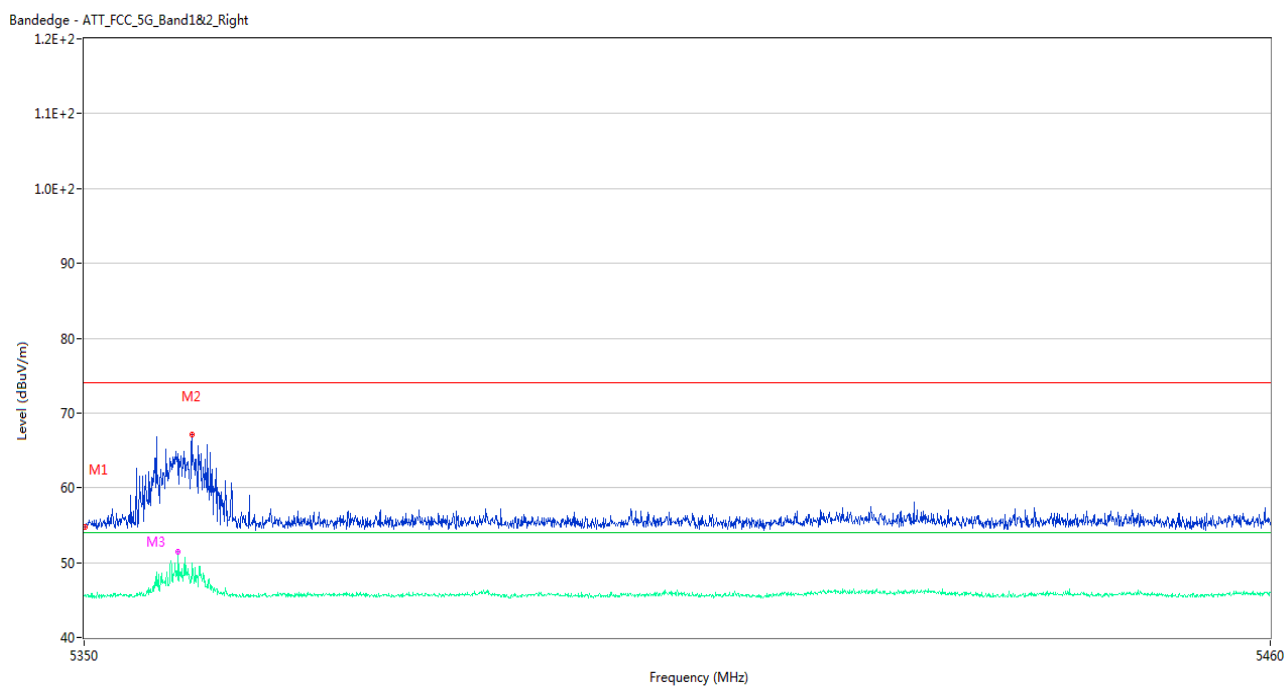
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.18	1.93	74.0	15.82	Peak	39.00	150	Vertical	Pass
1**	5350.000	46.61	1.93	54.0	7.39	AV	39.00	150	Vertical	Pass
2	5358.085	62.43	2.21	74.0	11.57	Peak	45.00	200	Vertical	Pass
2**	5358.085	46.91	2.21	54.0	7.09	AV	45.00	200	Vertical	Pass
3	5372.495	60.30	2.26	74.0	13.70	Peak	43.00	150	Vertical	Pass
3**	5372.495	49.38	2.26	54.0	4.62	AV	43.00	150	Vertical	Pass

U-NII-1 11ax80 (RU26) Middle Channel



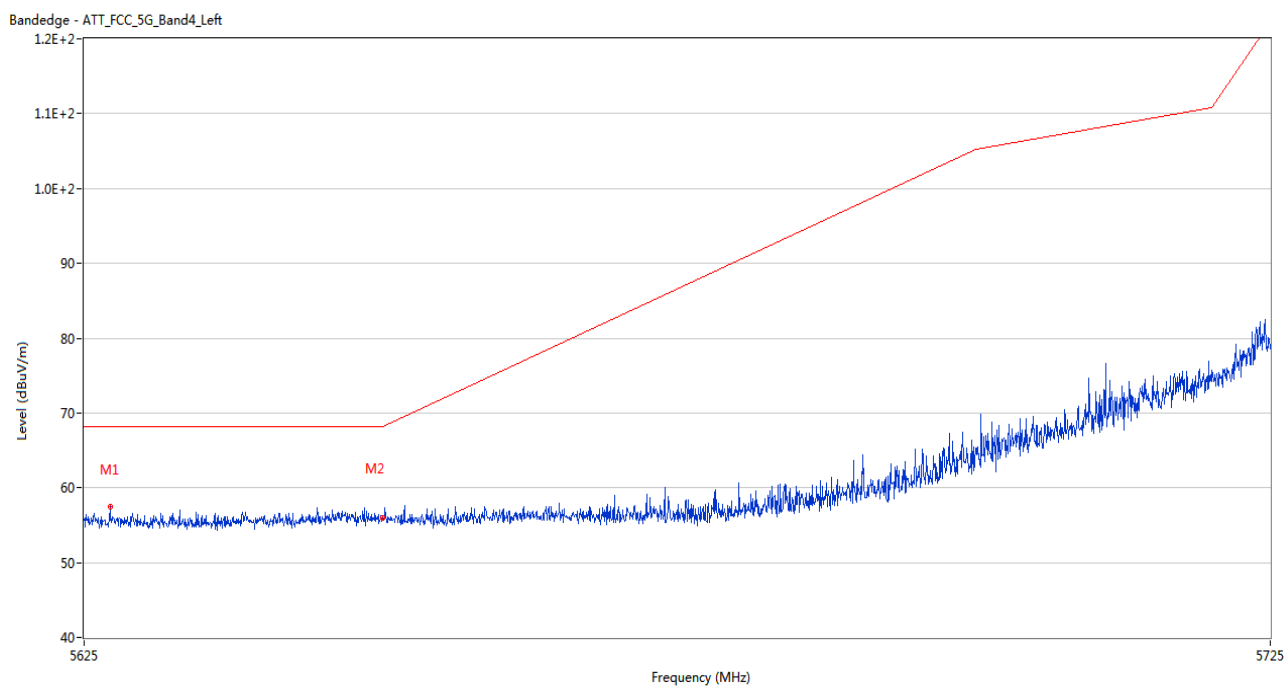
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5134.400	59.50	2.43	74.0	14.50	Peak	93.00	150	Vertical	Pass
1**	5134.400	51.46	2.43	54.0	3.01	AV	93.00	150	Vertical	Pass
2	5135.050	60.04	2.43	74.0	13.96	Peak	101.00	100	Vertical	Pass
2**	5135.050	49.95	2.43	54.0	4.05	AV	101.00	100	Vertical	Pass
3	5149.675	55.12	2.07	74.0	18.88	Peak	192.00	200	Vertical	Pass
3**	5149.675	45.58	2.07	54.0	8.42	AV	192.00	200	Vertical	Pass

U-NII-1 11ax80 (RU26) Middle Channel



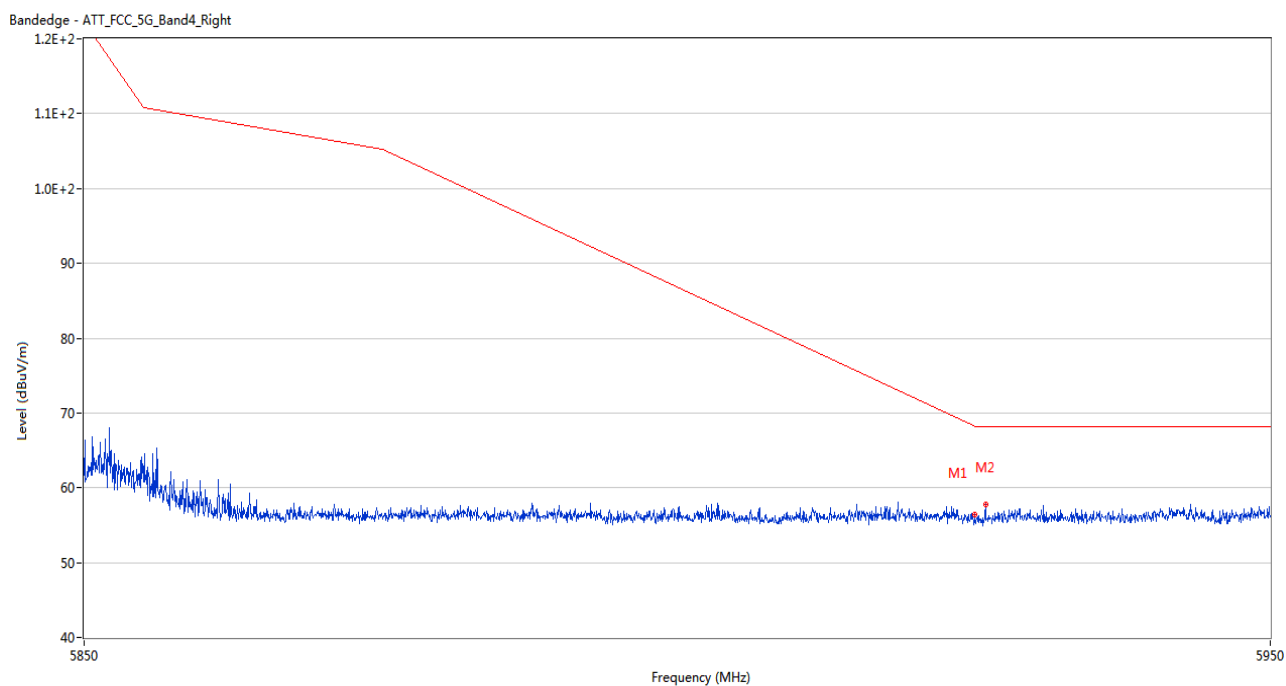
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	54.79	1.93	74.0	19.21	Peak	215.00	200	Vertical	Pass
1**	5350.055	45.70	1.93	54.0	8.30	AV	215.00	200	Vertical	Pass
2	5359.900	67.19	2.26	74.0	6.81	Peak	46.00	100	Vertical	Pass
2**	5359.900	47.90	2.26	54.0	6.10	AV	46.00	100	Vertical	Pass
3	5358.635	62.86	2.22	74.0	11.14	Peak	48.00	150	Vertical	Pass
3**	5358.635	50.98	2.22	54.0	3.02	AV	48.00	150	Vertical	Pass

U-NII-3 11a Low Channel



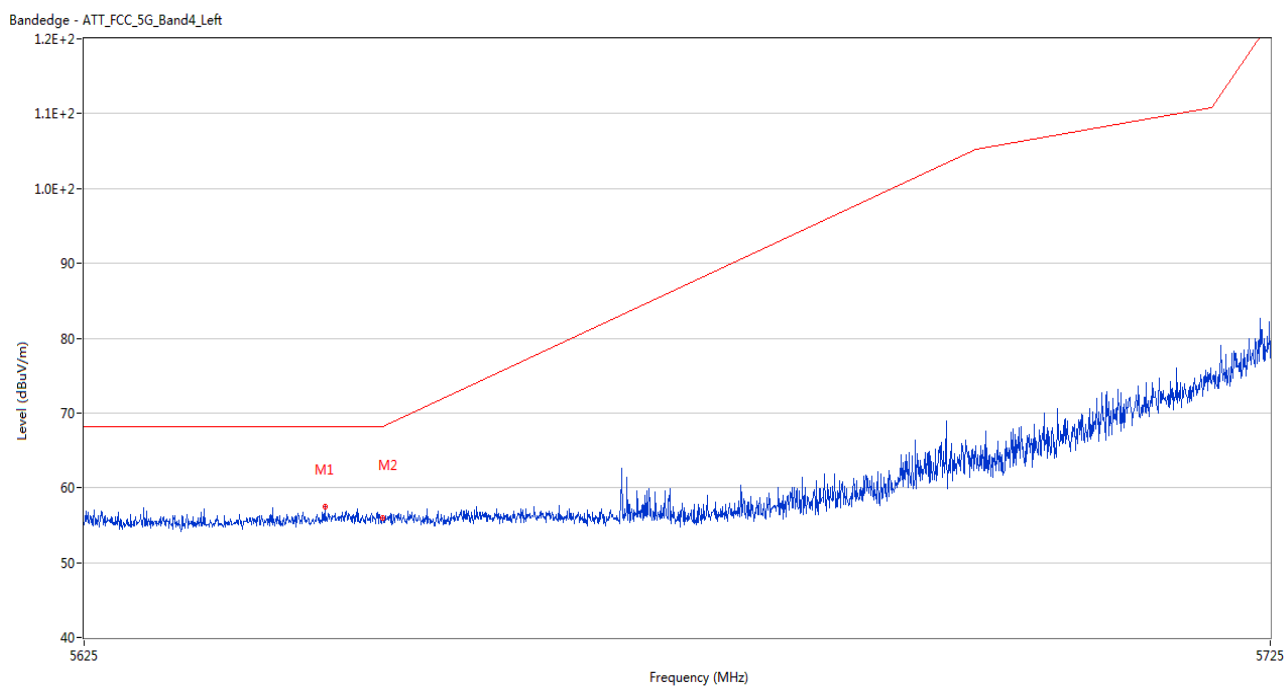
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5627.150	57.43	2.27	68.2	10.77	Peak	251.00	200	Vertical	Pass
2	5650.000	55.98	2.54	68.2	12.22	Peak	358.00	200	Vertical	Pass

U-NII-3 11a High Channel



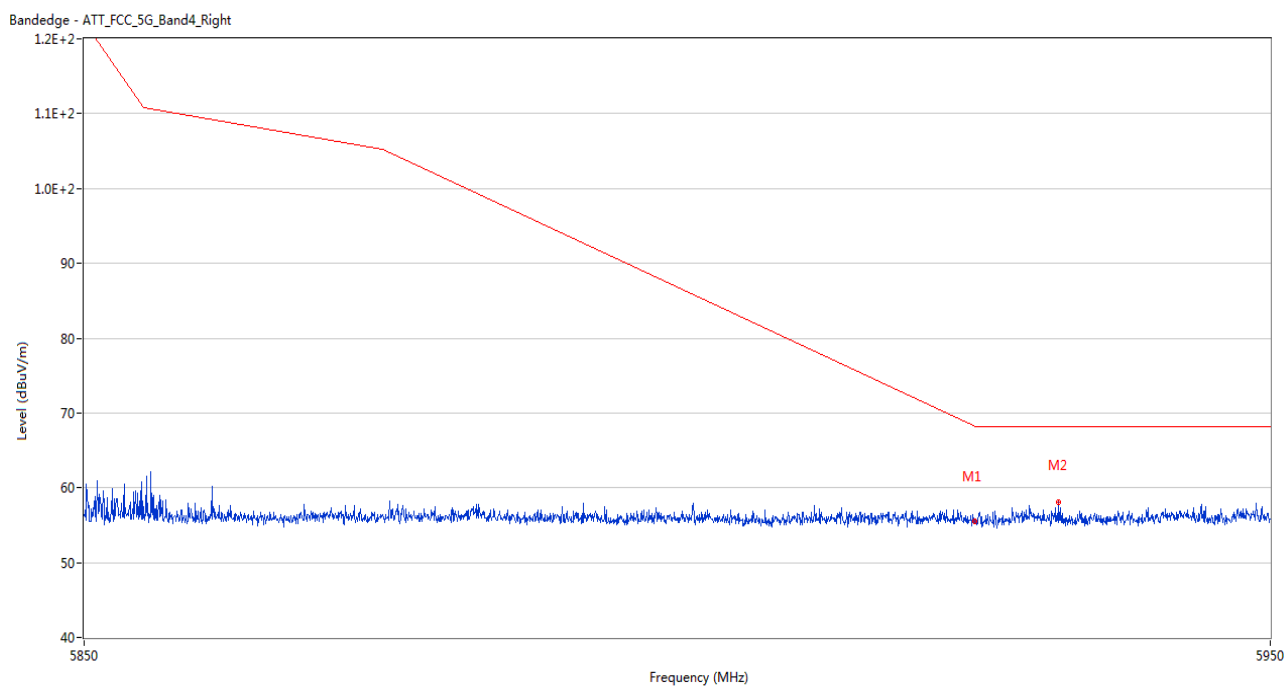
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.44	2.32	68.2	11.76	Peak	306.00	200	Vertical	Pass
2	5925.850	57.82	2.33	68.2	10.38	Peak	209.00	200	Vertical	Pass

U-NII-3 11n20 Low Channel



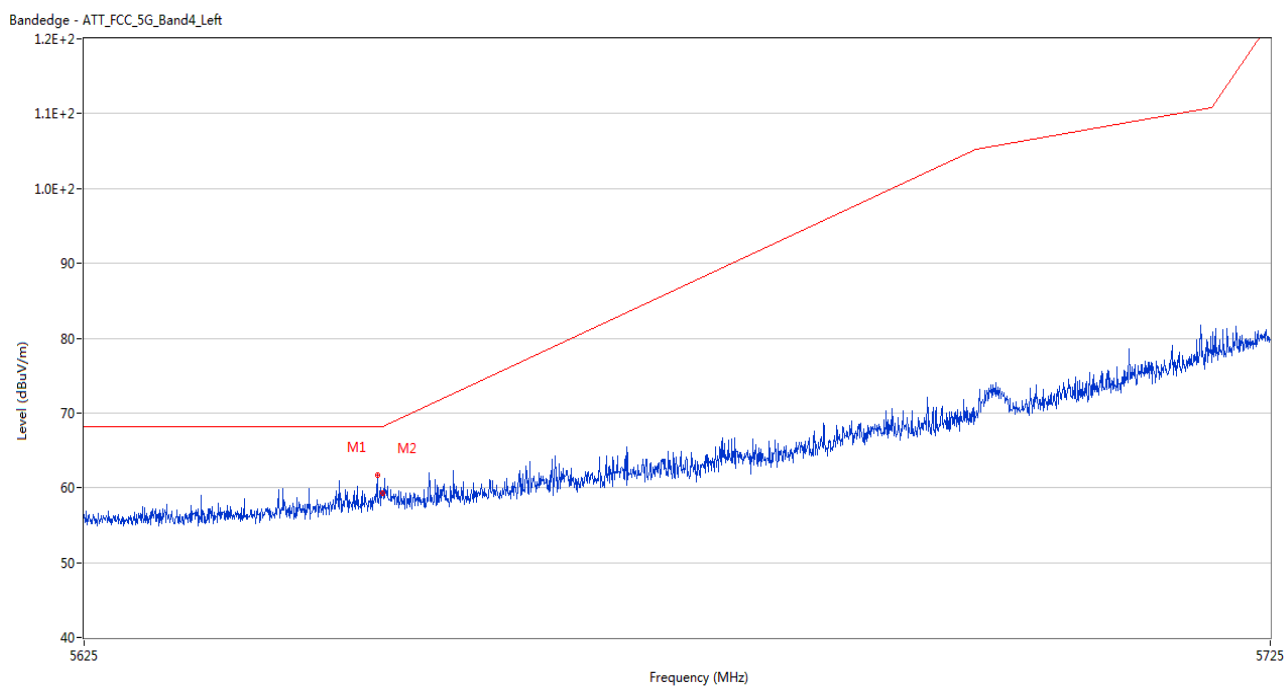
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.150	57.50	2.55	68.2	10.70	Peak	200.00	150	Horizontal	Pass
2	5650.000	55.92	2.54	68.2	12.28	Peak	348.00	150	Horizontal	Pass

U-NII-3 11n20 High Channel



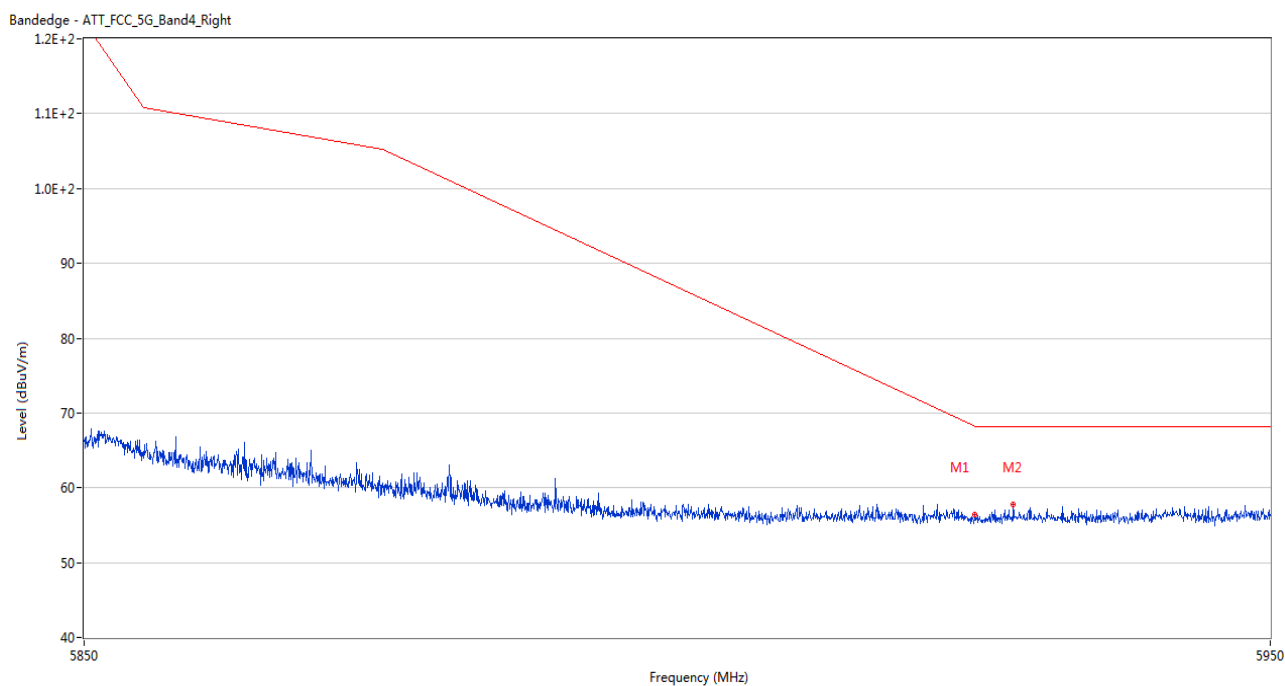
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.45	2.32	68.2	12.75	Peak	87.00	200	Horizontal	Pass
2	5932.050	58.12	2.40	68.2	10.08	Peak	82.00	200	Horizontal	Pass

U-NII-3 11n40 Low Channel



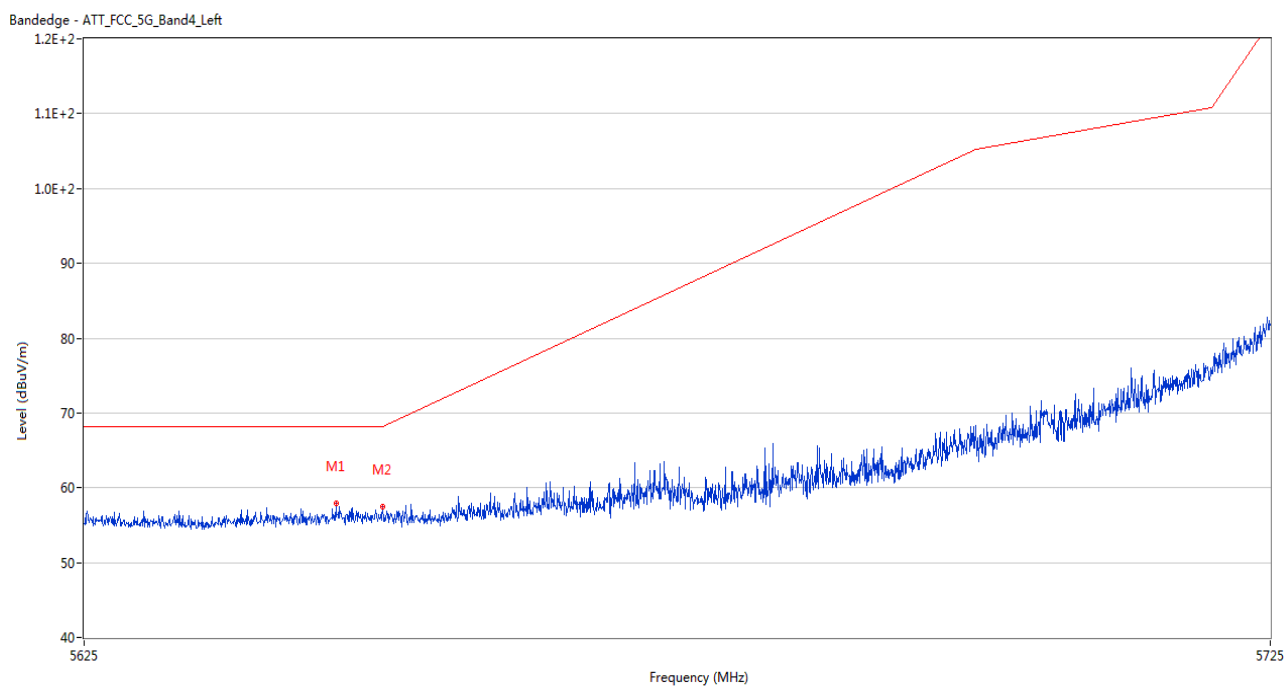
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.550	61.70	2.53	68.2	6.50	Peak	360.00	100	Horizontal	Pass
2	5650.000	59.24	2.54	68.2	8.96	Peak	91.00	150	Horizontal	Pass

U-NII-3 11n40 High Channel



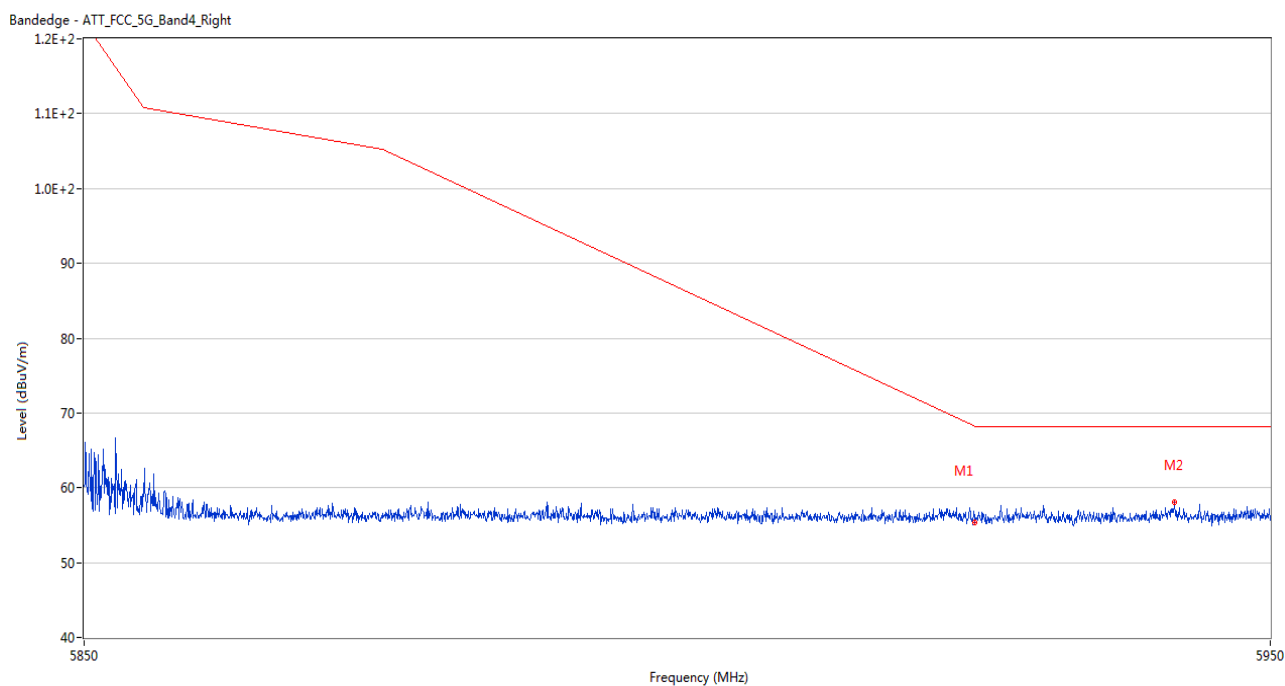
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.43	2.32	68.2	11.77	Peak	102.00	200	Horizontal	Pass
2	5928.200	57.74	2.59	68.2	10.46	Peak	190.00	200	Horizontal	Pass

U-NII-3 11ac20 Low Channel



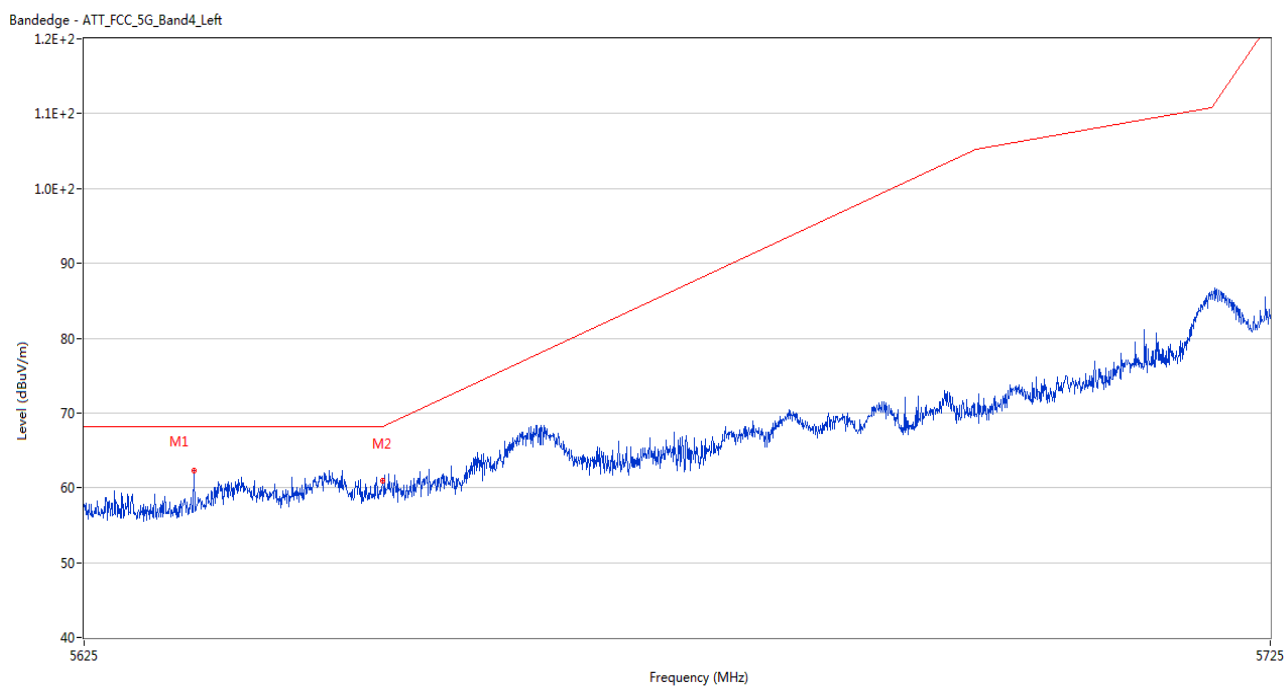
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.100	57.93	2.70	68.2	10.27	Peak	274.00	150	Horizontal	Pass
2	5650.000	57.52	2.54	68.2	10.68	Peak	296.00	200	Horizontal	Pass

U-NII-3 11ac20 High Channel



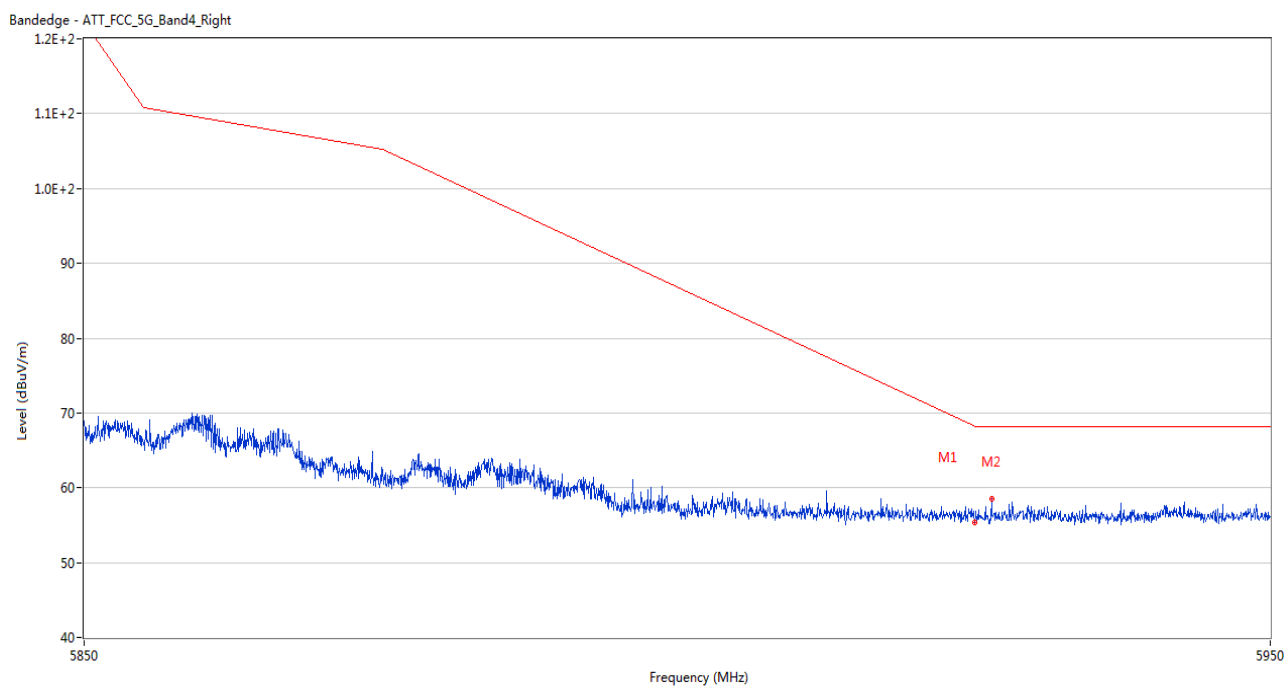
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.41	2.32	68.2	12.79	Peak	242.00	200	Horizontal	Pass
2	5941.900	58.07	2.84	68.2	10.13	Peak	96.00	100	Horizontal	Pass

U-NII-3 11ac40 Low Channel



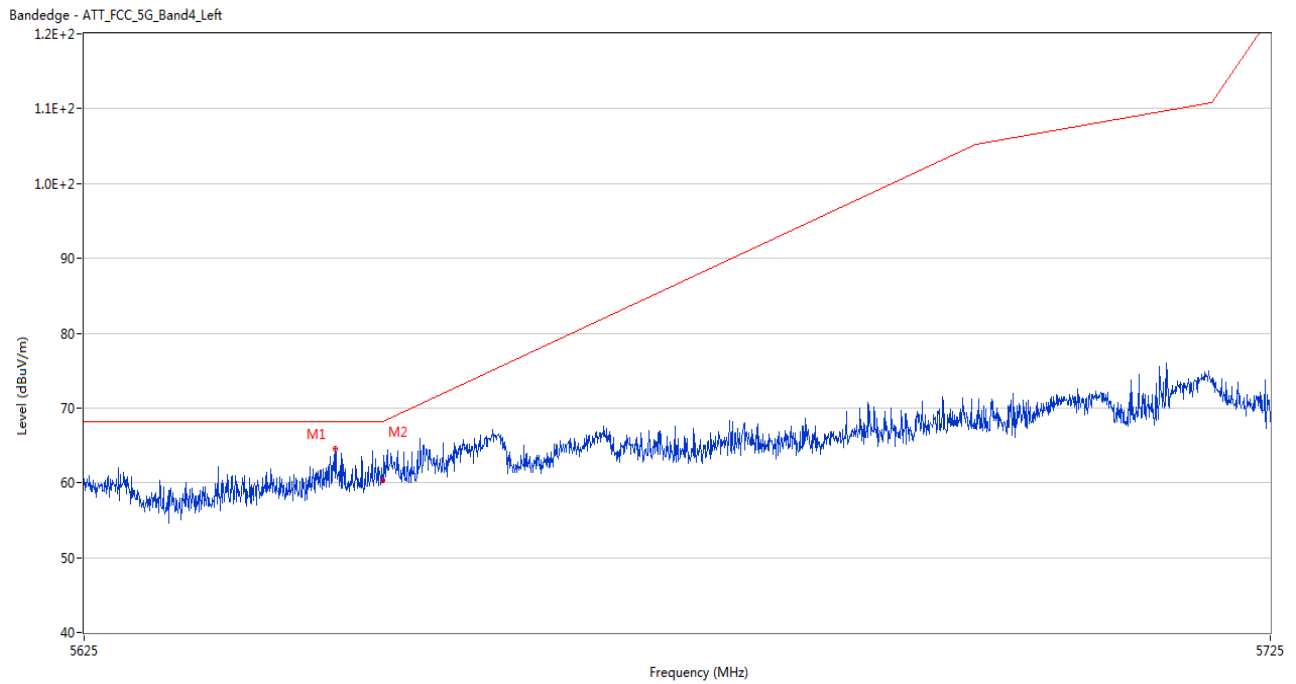
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5634.200	62.37	2.01	68.2	5.83	Peak	291.00	150	Horizontal	Pass
2	5650.000	60.90	2.54	68.2	7.30	Peak	274.00	200	Horizontal	Pass

U-NII-3 11ac40 High Channel



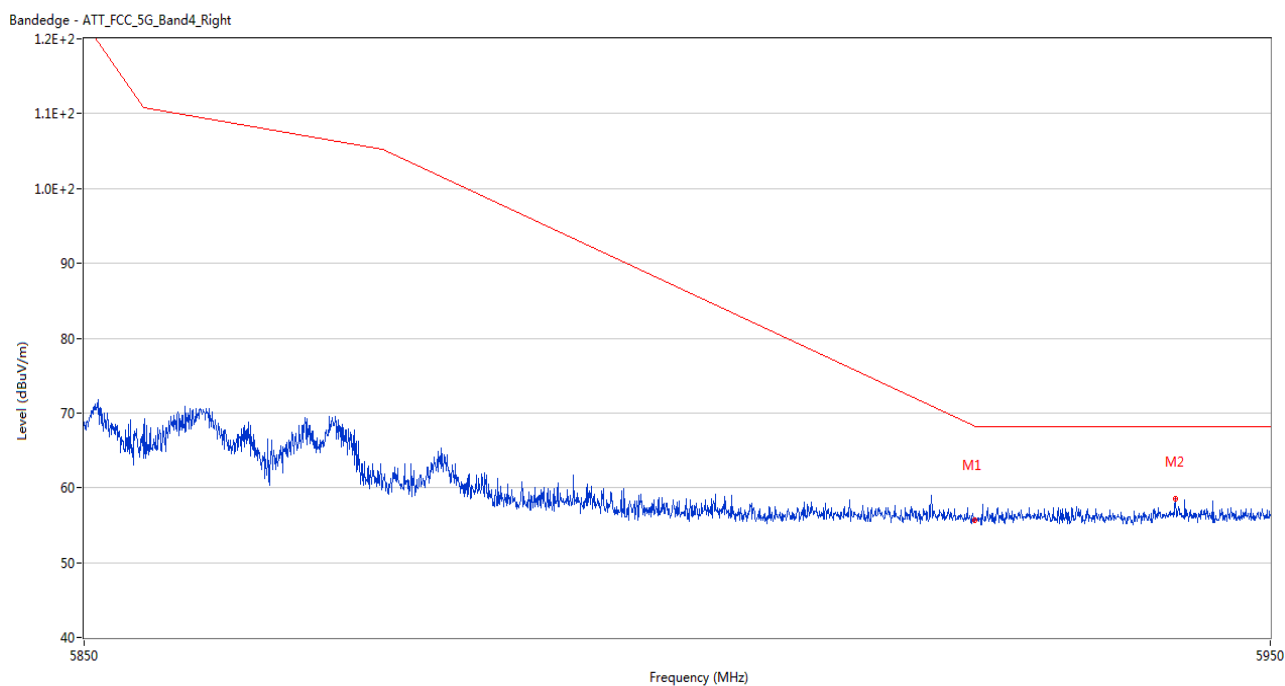
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.38	2.32	68.2	12.82	Peak	219.00	100	Horizontal	Pass
2	5926.350	58.49	2.33	68.2	9.71	Peak	256.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



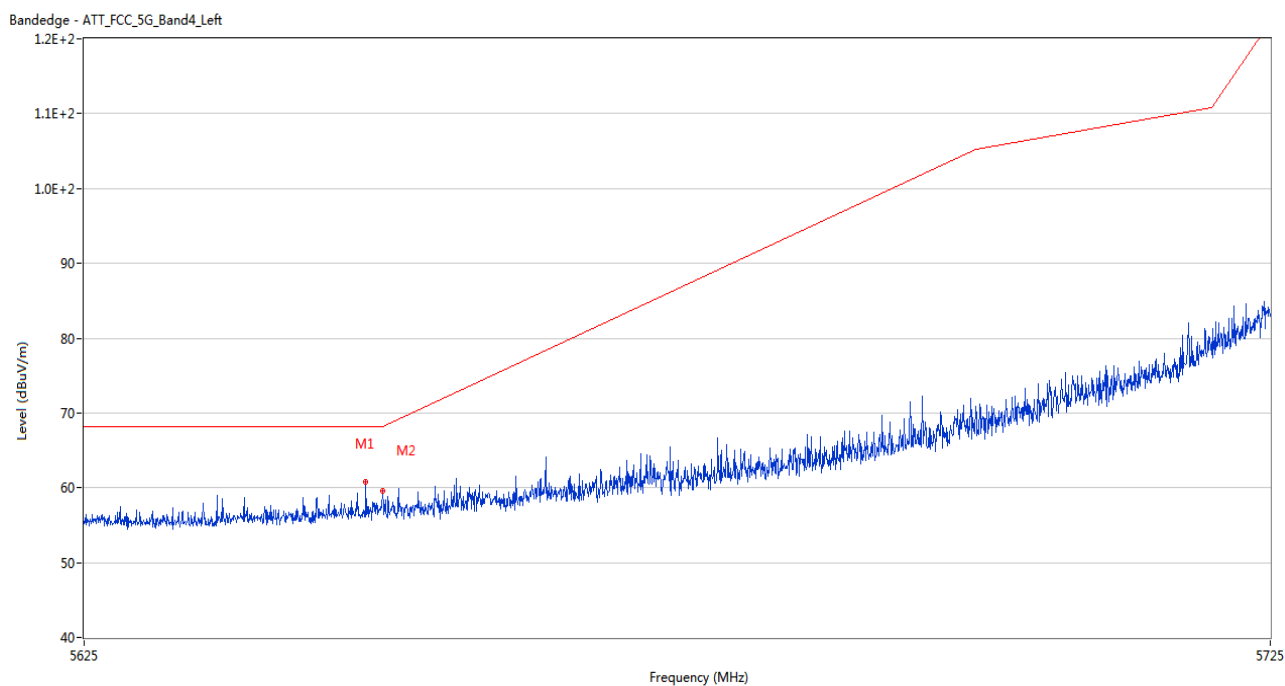
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.000	64.50	2.69	68.2	3.70	Peak	37.00	200	Horizontal	Pass
2	5650.000	60.32	2.54	68.2	7.88	Peak	29.00	200	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



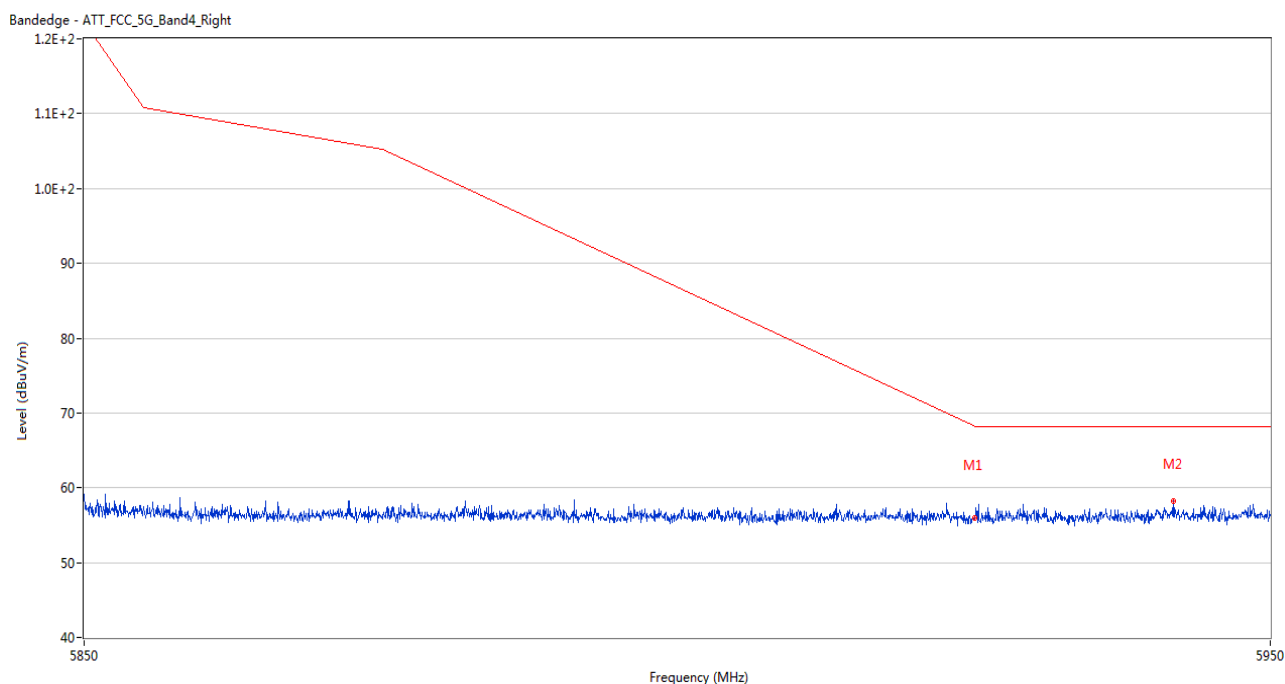
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.60	2.32	68.2	12.60	Peak	270.00	200	Horizontal	Pass
2	5941.950	58.58	2.83	68.2	9.62	Peak	331.00	200	Horizontal	Pass

U-NII-3 11ax20 (SU) Low Channel



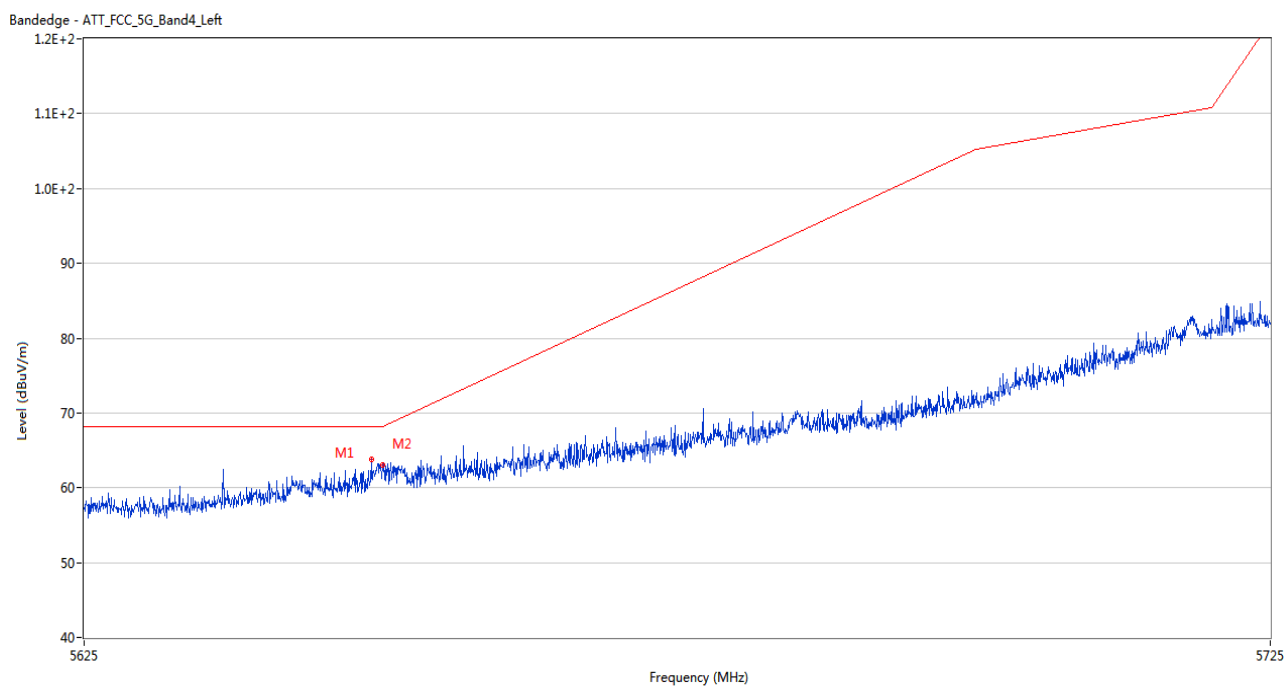
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.600	60.85	2.51	68.2	7.35	Peak	321.00	150	Horizontal	Pass
2	5650.000	59.55	2.54	68.2	8.65	Peak	283.00	100	Horizontal	Pass

U-NII-3 11ax20 (SU) High Channel



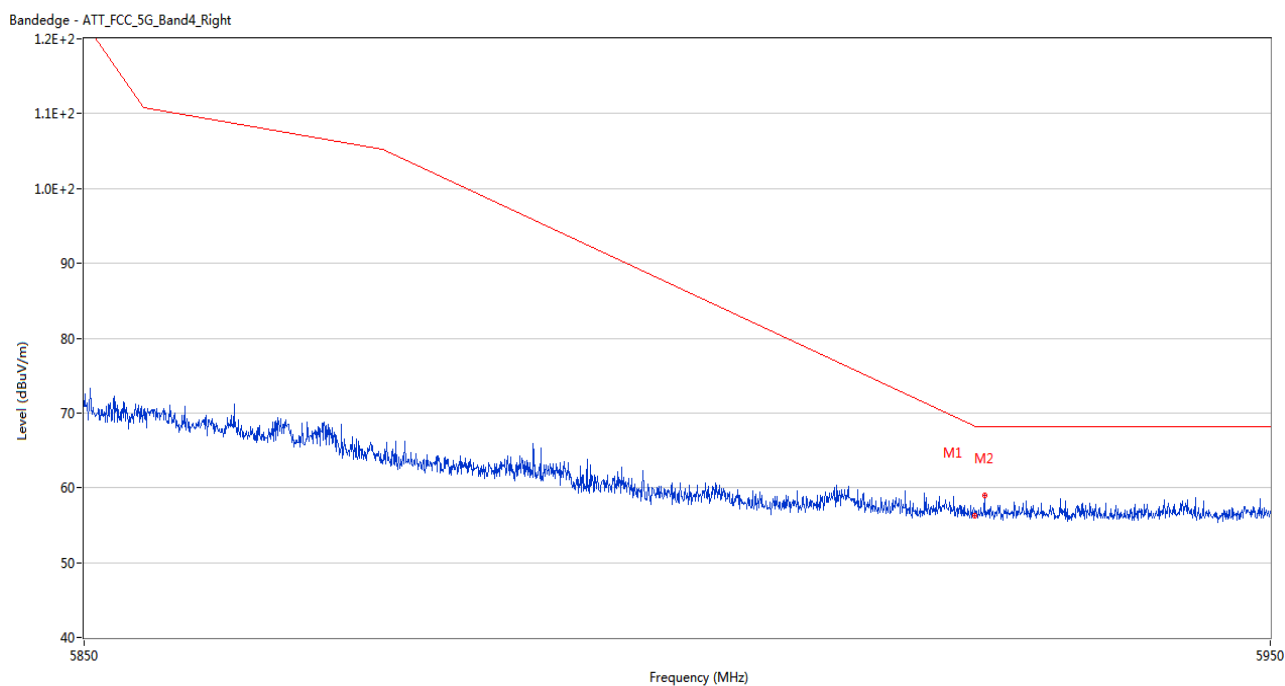
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.92	2.32	68.2	12.28	Peak	318.00	100	Horizontal	Pass
2	5941.800	58.24	2.86	68.2	9.96	Peak	324.00	100	Horizontal	Pass

U-NII-3 11ax40 (SU) Low Channel



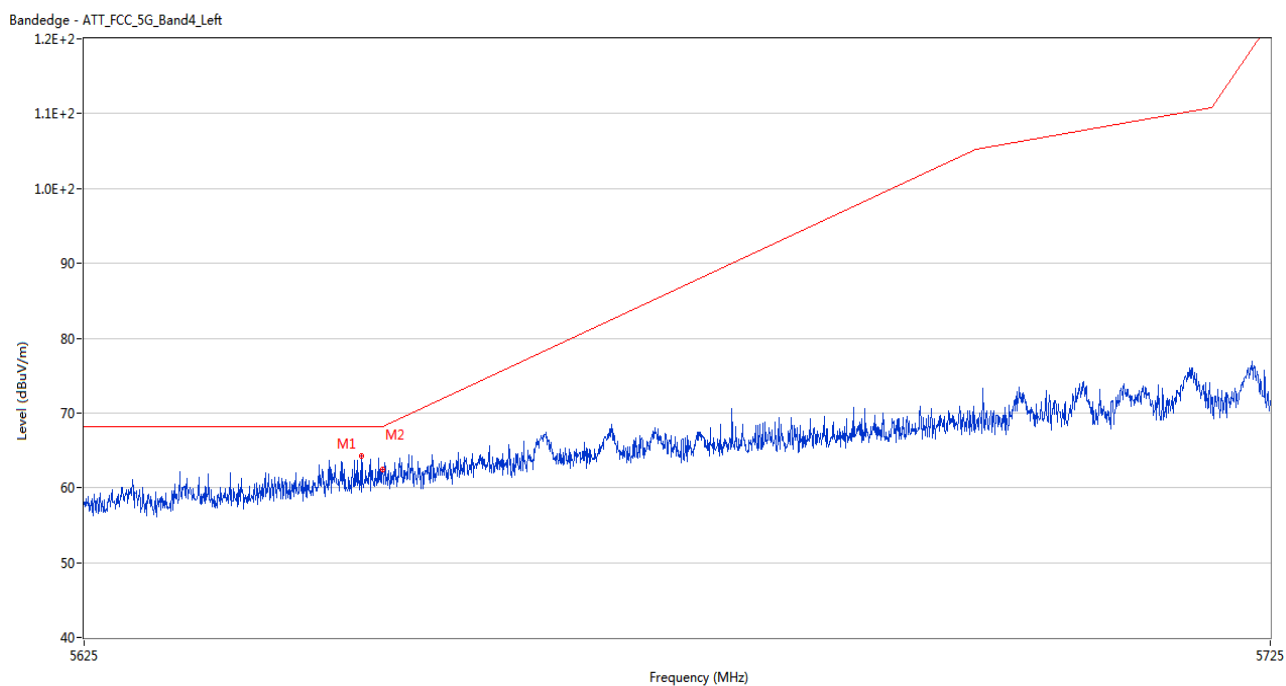
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.050	63.78	2.52	68.2	4.42	Peak	36.00	100	Horizontal	Pass
2	5650.000	63.05	2.54	68.2	5.15	Peak	28.00	150	Horizontal	Pass

U-NII-3 11ax40 (SU) High Channel



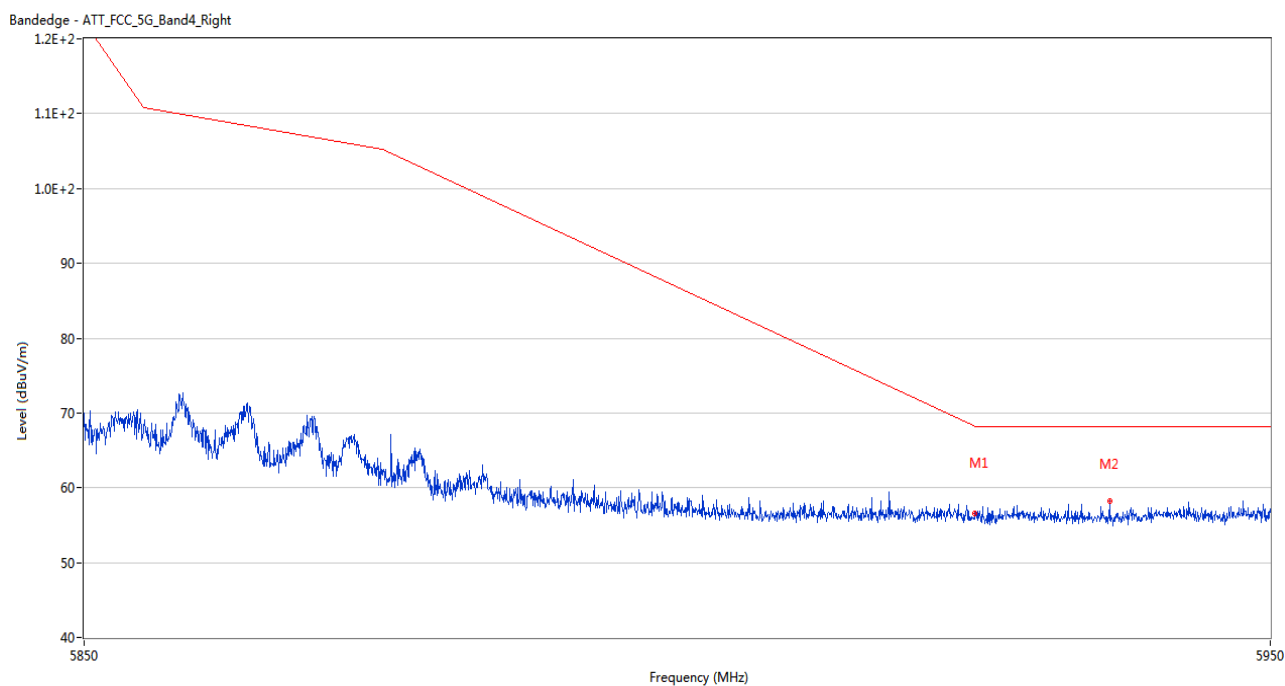
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.30	2.32	68.2	11.90	Peak	56.00	150	Horizontal	Pass
2	5925.750	58.94	2.33	68.2	9.26	Peak	338.00	150	Horizontal	Pass

U-NII-3 11ax80 (SU) Middle Channel



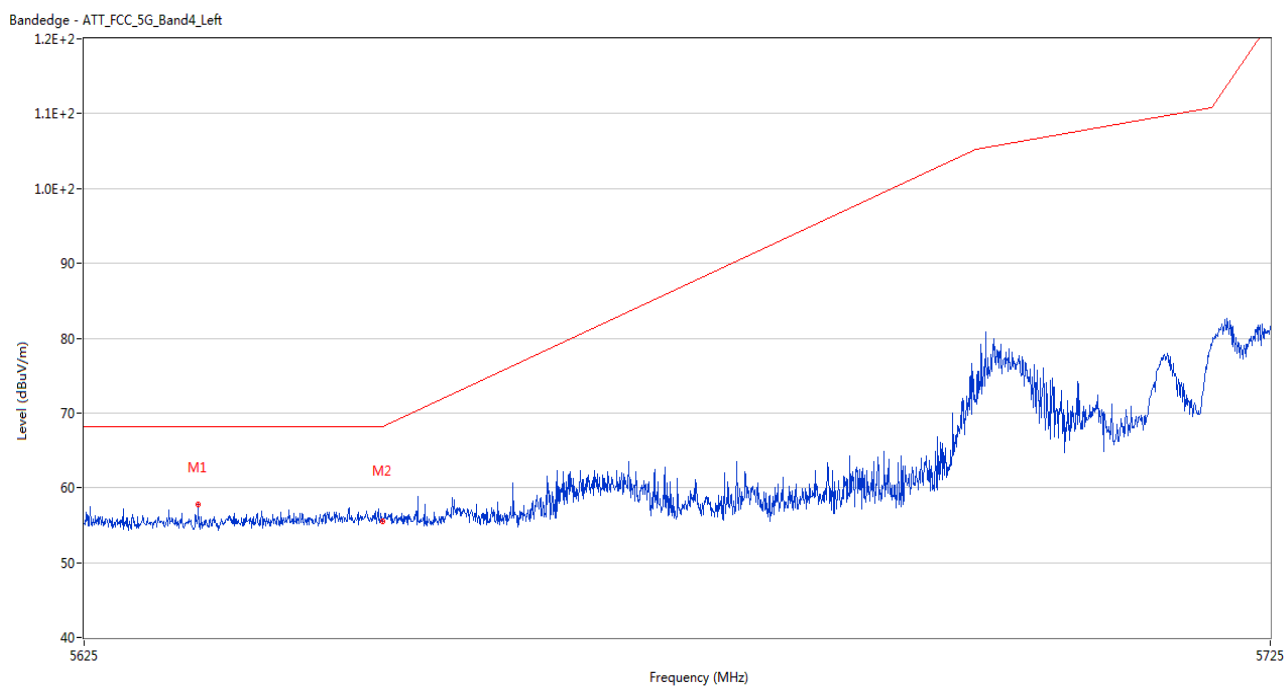
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.250	64.24	2.52	68.2	3.96	Peak	289.00	200	Horizontal	Pass
2	5650.000	62.52	2.54	68.2	5.68	Peak	304.00	100	Horizontal	Pass

U-NII-3 11ax80 (SU) Middle Channel



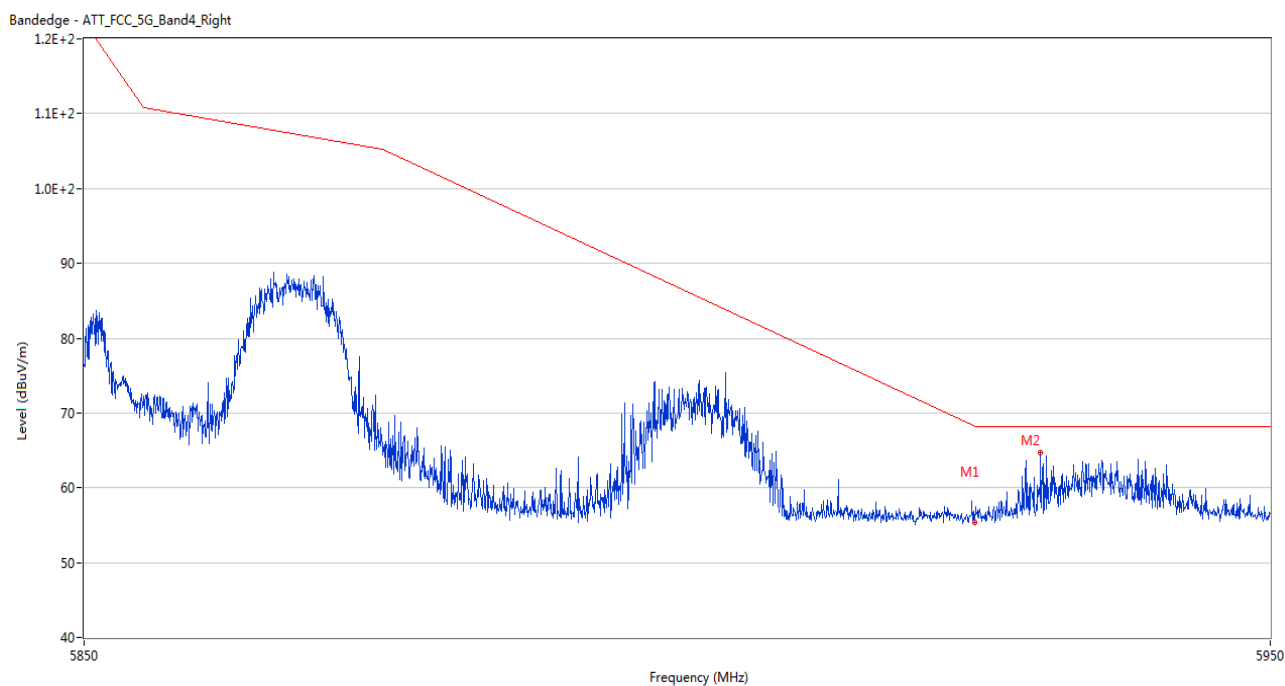
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.56	2.32	68.2	11.64	Peak	297.00	150	Horizontal	Pass
2	5936.350	58.26	2.41	68.2	9.94	Peak	333.00	150	Horizontal	Pass

U-NII-3 11ax20 (RU26) Low Channel



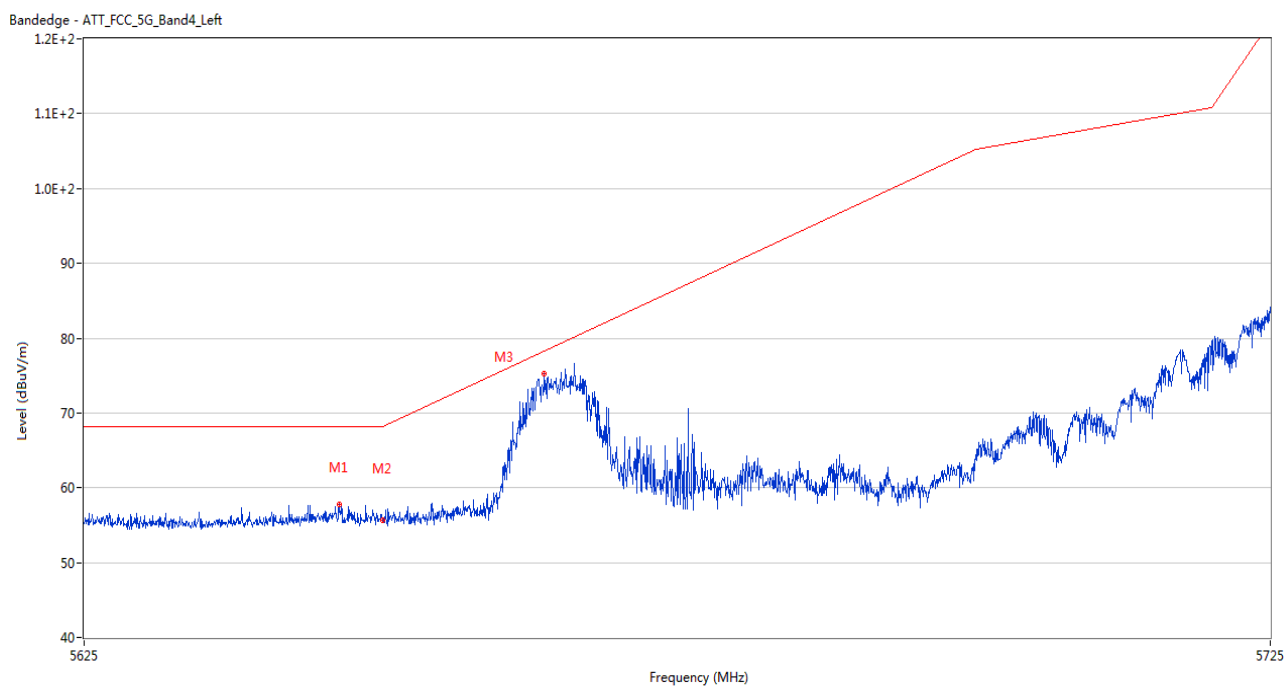
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5634.550	57.75	2.02	68.2	10.45	Peak	22.00	150	Vertical	Pass
2	5650.000	55.54	2.54	68.2	12.66	Peak	33.00	200	Vertical	Pass

U-NII-3 11ax20 (RU26) High Channel



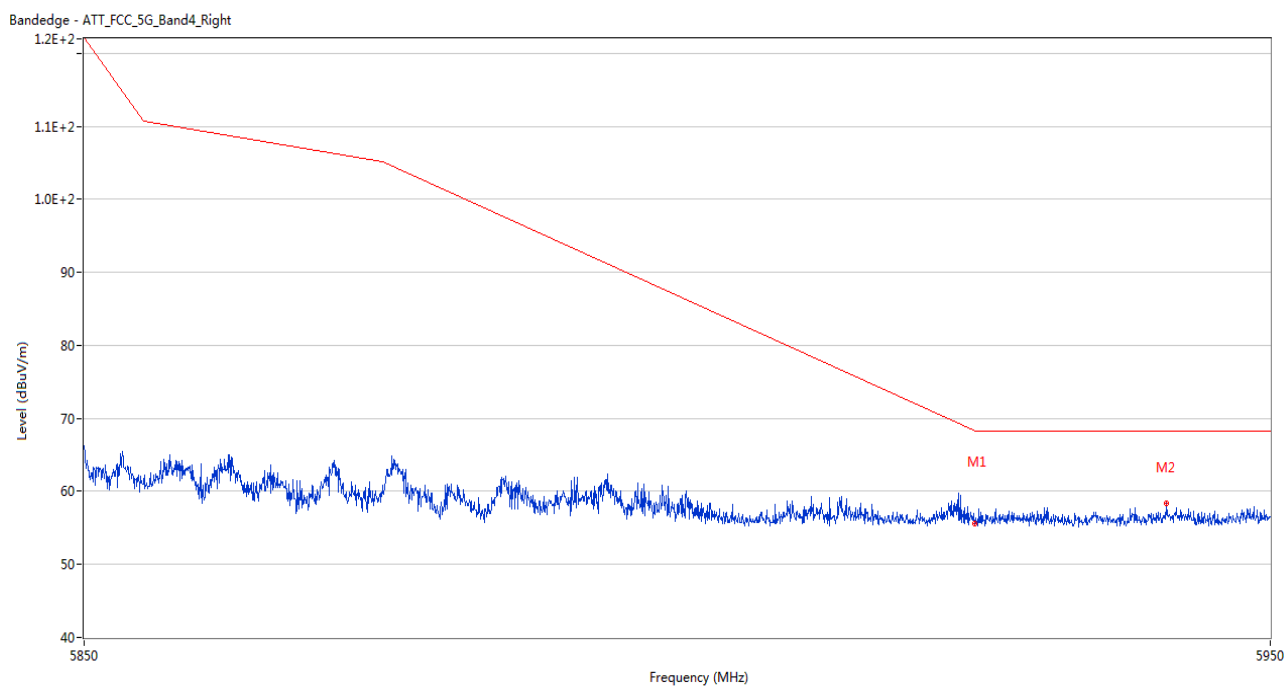
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.44	2.32	68.2	12.76	Peak	255.00	200	Vertical	Pass
2	5930.500	64.77	2.57	68.2	3.43	Peak	96.00	200	Vertical	Pass

U-NII-3 11ax40 (RU26) Low Channel



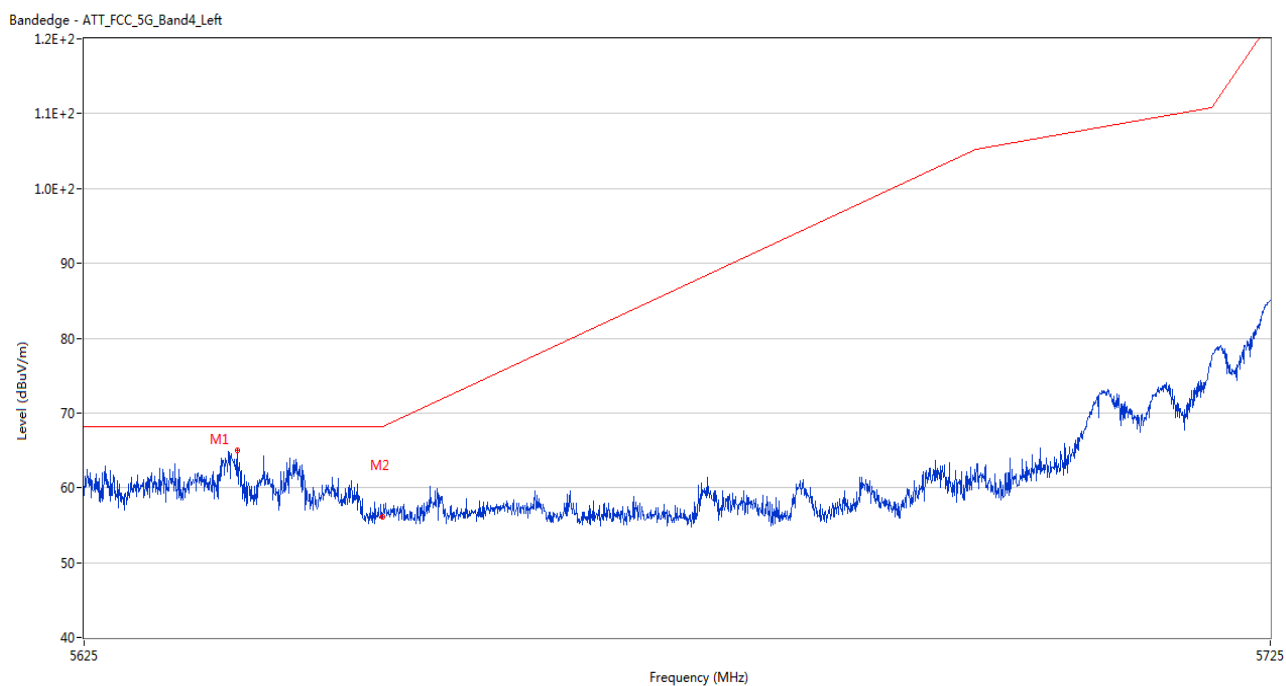
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.350	57.74	2.71	68.2	10.46	Peak	63.00	200	Vertical	Pass
2	5650.000	55.63	2.54	68.2	12.57	Peak	291.00	200	Vertical	Pass
3	5663.600	74.92	2.42	78.3	3.08	Peak	96.00	150	Vertical	Pass

U-NII-3 11ax40 (RU26) High Channel



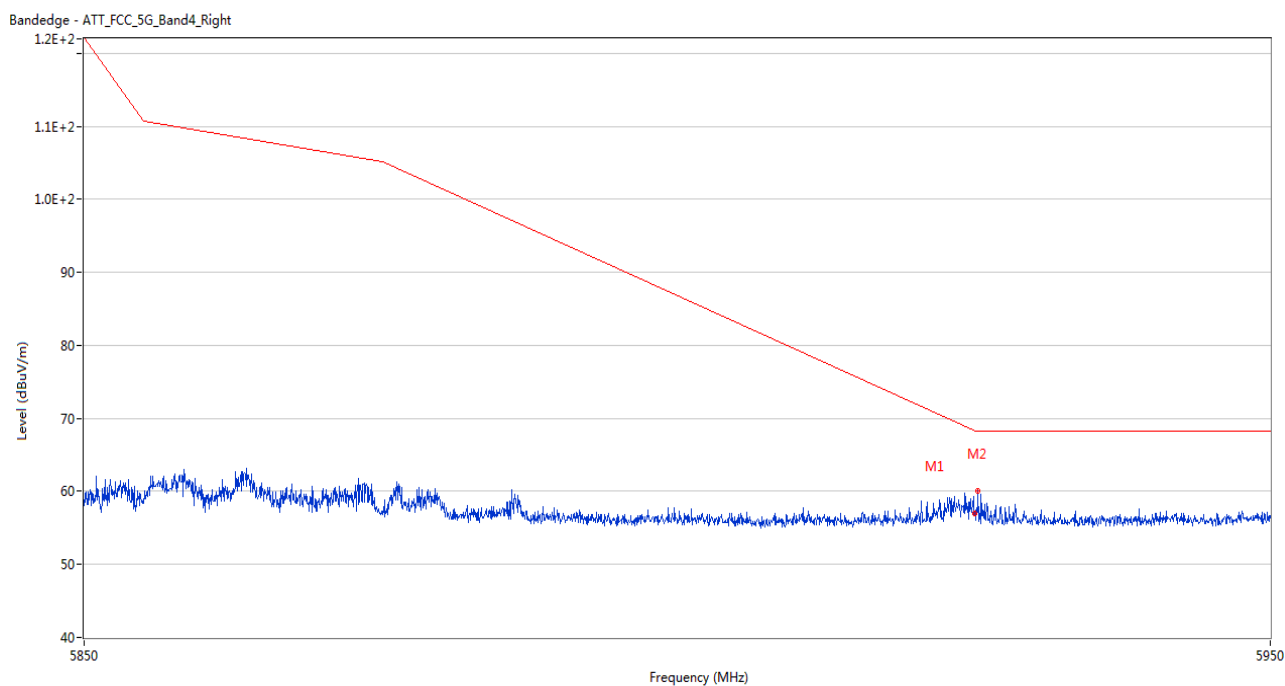
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.66	2.32	68.2	12.54	Peak	46.00	150	Vertical	Pass
2	5941.200	58.33	2.80	68.2	9.87	Peak	322.00	150	Vertical	Pass

U-NII-3 11ax80 (RU26) Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5637.800	64.98	2.34	68.2	3.22	Peak	92.00	100	Vertical	Pass
2	5650.000	56.10	2.54	68.2	12.10	Peak	354.00	100	Vertical	Pass

U-NII-3 11ax80 (RU26) Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	56.97	2.32	68.2	11.23	Peak	3.00	100	Vertical	Pass
2	5925.200	60.10	2.32	68.2	8.10	Peak	50.00	200	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2430942-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2430942-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2430942-AI.PDF”.

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--END OF REPORT--