

TEST REPORT

Applicant: Glimpse LLC
Address: 101a Clay Street #144, San Francisco, CA 94111, USA
Equipment Type: 10 inch WiFi Digital Photo Frame, 10 inch WiFi Digital Photo Calendar
Model Name: 100-FRM (refer to section 2.3)
Brand Name: Skylight
FCC ID: 2BF8S-100-2
ISED Number: 26595-1002
HVIN: 100-2
Test Standard: 47 CFR Part 15 Subpart E
RSS-Gen Issue 5
RSS-247 Issue 3
(refer to section 3.1)
Sample Arrival Date: Jul. 11, 2024
Test Date: Jul. 16, 2024 - Aug. 29, 2024
Date of Issue: Sep. 02, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Li Ganming**Checked by:** Ye Hongji**Approved by:** Sunny Zou
(Technical Director)*Li Ganming**Ye Hongji**Sunny Zou*

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Aug. 19, 2024</u>	<u>Initial Issue</u>
<u>Rev. 02</u>	<u>Sep. 02, 2024</u>	<u>Update the Test Date and Test Equipment List</u>
		<u>Update the RF Output Power and Power Spectral Density</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☒ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196. The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Glimpse LLC
Address	101a Clay Street #144, San Francisco, CA 94111, USA

2.2 Manufacturer Information

Manufacturer	Glimpse LLC
Address	101a Clay Street #144, San Francisco, CA 94111, USA

2.3 General Description for Equipment under Test (EUT)

EUT Name	10 inch WiFi Digital Photo Frame, 10 inch WiFi Digital Photo Calendar
Model Name Under Test	100-FRM
Series Model Name	100-CAL
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in colors. (this information provided by the applicant)
Serial Number	HVN46PHZG000013
Hardware Version	AY7230A_MB_V3_A
Software Version	AY7230A_rk3326s_10_classic_EVT002_20240620064000
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth BLE WIFI 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac and 802.11ax
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☒ Mobile ☐ Portable ☐ Fix Location Indoor for IC standard
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 286.8 Mbps
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz 802.11ax: 20 MHz, 40 MHz
Maximum Output Power	U-NII-1: 32.21 mW U-NII-2A: 22.23 mW U-NII-2C: 29.58 mW U-NII-3: 34.67 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	FPC Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 3.5 dBi U-NII-2A: 5250 MHz to 5350 MHz: 3.5 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.3 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.1 dBi
About the Product	The equipment is 10 inch WiFi Digital Photo Frame, 10 inch WiFi Digital Photo Calendar, intended for used with information technology equipment.

2.5 Channel List

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

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

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

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

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

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

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

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

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

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

Test Items	Mode	Data Rate	Modulation Type	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
Band Edge (Restricted-band)	11a	6	BPSK	48/36	64/52	140/100	165/149
	11n(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11n(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11ac(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ax(20 MHz)	4		48/36	64/52	140/100	165/149
	11ax(40 MHz)	8		46/38	62/54	134/102	159/151

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	RSS-Gen Issue 5	General Requirements for Compliance of Radio Apparatus
3	RSS-247 Issue 3	Digital Transmission Systems (DTSs), Frequency Hopping Systems(FHSs) and Licence-Exemp Local Area Network (LE-LAN) Devices
4	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
5	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	RSS Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	RSS-247, 6.2	--	Pass ^{Note1}
2	RF Output Power	15.407(a)	RSS-247, 6.2	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	RSS-247, 6.2	ANNEX A.2	-- ^{Note4}
4	6 dB bandwidth	15.407(e)	RSS-247, 6.2	ANNEX A.3	-- ^{Note4}
5	Power Spectral Density	15.407(a)	RSS-247, 6.2	ANNEX A.4	Pass
6	Conducted Emission	15.207	RSS-GEN, 8.8	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	RSS-247, 6.2	ANNEX A.6	Pass
8	Receiver Spurious Emissions	--	RSS-Gen, 7.1.2	--	N/A ^{Note2}

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

Note 2: Only radio communication receivers operating in stand-alone mode within the U-NII-30-960 MHz, as well as scanner receivers, are subject to Industry Canada requirements, so this test is not applicable.

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

Note 4: The RF module (Model Name: MWH640S) installed in the EUT is electronically and mechanically identical to the original certified module in the test report No. SRTC2024-9004(F)-24051402(G) (FCC ID: 2AJVQ-MWH640S) & No. SRTC2024-9004(I)-24051402(G) (ISED Number: 22470-MWH640S), which issued by The State Radio_monitoring_center Testing Center (SRTC) on Jun. 11, 2024, so just RF Output Power & Power Spectral Density & Conducted Emission & Radiated Spurious Emissions and Band Edge (Restricted-band) were retested in this report. Other test items please refer to the report No. SRTC2024-9004(F)-24051402(G) (FCC ID: 2AJVQ-MWH640S) & No. SRTC2024-9004(I)-24051402(G) (ISED Number: 22470-MWH640S), which issued by The State Radio_monitoring_center Testing Center (SRTC) on Jun. 11, 2024.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	38% to 69%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.1℃ to +25.8℃
Working Voltage of the EUT	NV (Normal Voltage)	12.0 V

Note: The extreme test conditions please refer to the Report No. SRTC2024-9004(F)-24051402(G) (FCC ID: 2AJVQ-MWH640S) & No. SRTC2024-9004(I)-24051402(G) (ISED Number: 22470-MWH640S) issued by The State Radio_monitoring_center Testing Center (SRTC) on Jun. 11, 2024.

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2024.07.04	2025.07.03
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2024.07.04	2025.07.03
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2024.05.16	2027.05.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2025.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2022.02.19	2024.08.15
				2024.07.28	2027.07.27
Amplifier	COM-MV	LSCX_LNA1-12G-01	7210214	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	Agilent	N9038A	MY55330120	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-00867	2022.04.12	2025.04.11
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2017119081	2023.12.05	2024.12.04
Anechoic Chamber	YiHeng	9m*6m*6m	142	2021.08.19	2024.08.18
				2024.07.21	2027.07.20
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
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%

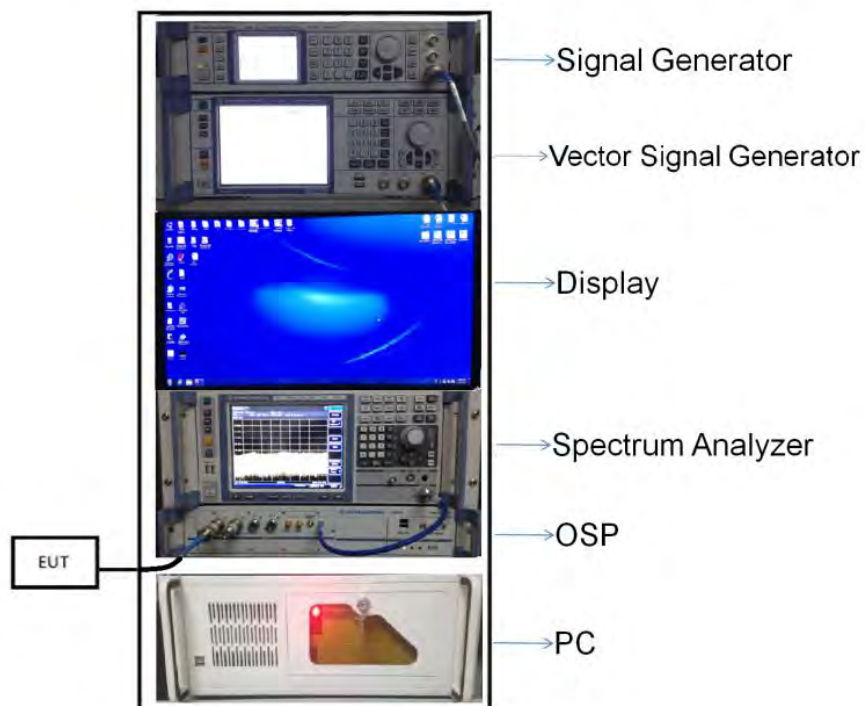
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

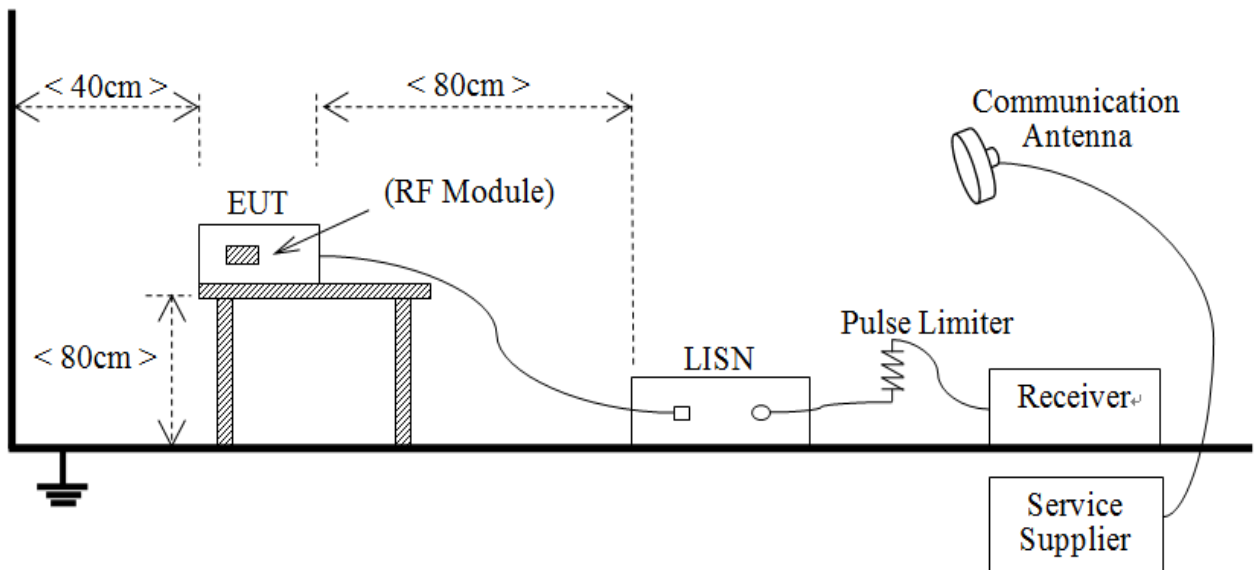
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



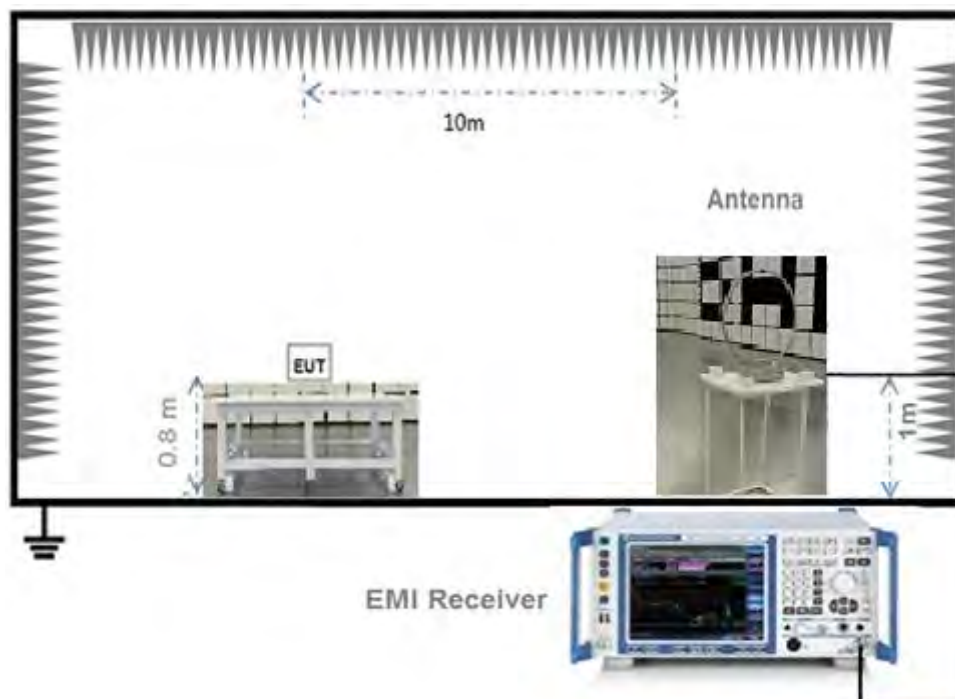
(Diagram 1)

4.5.2 For AC Power Supply Port Test



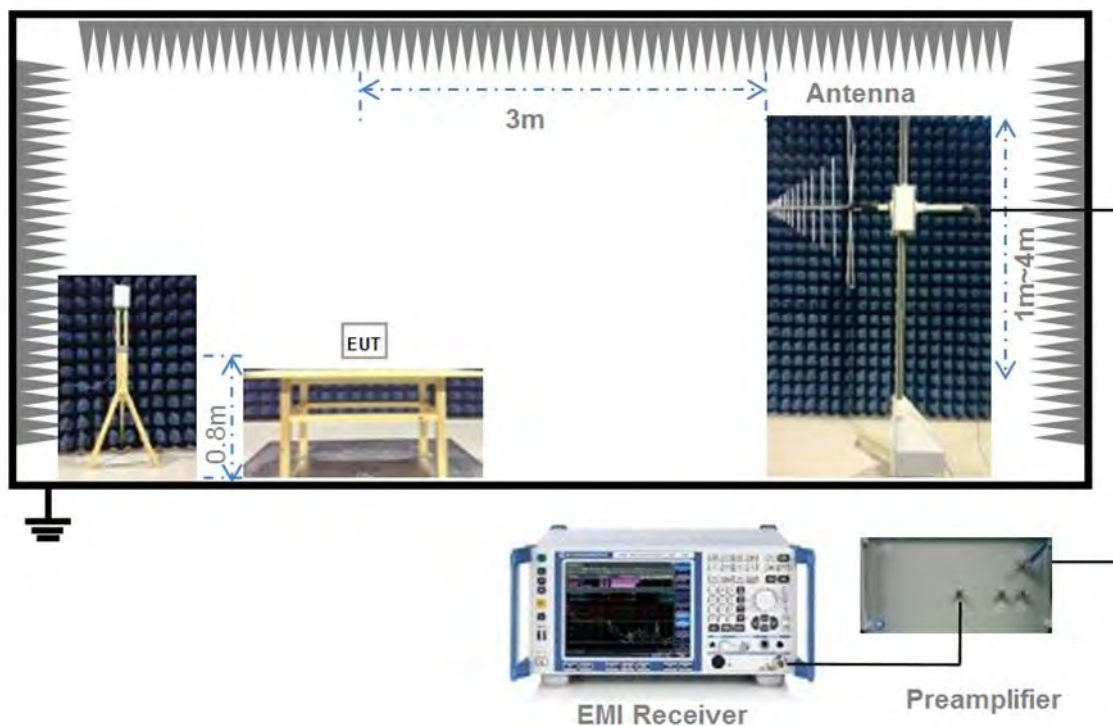
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



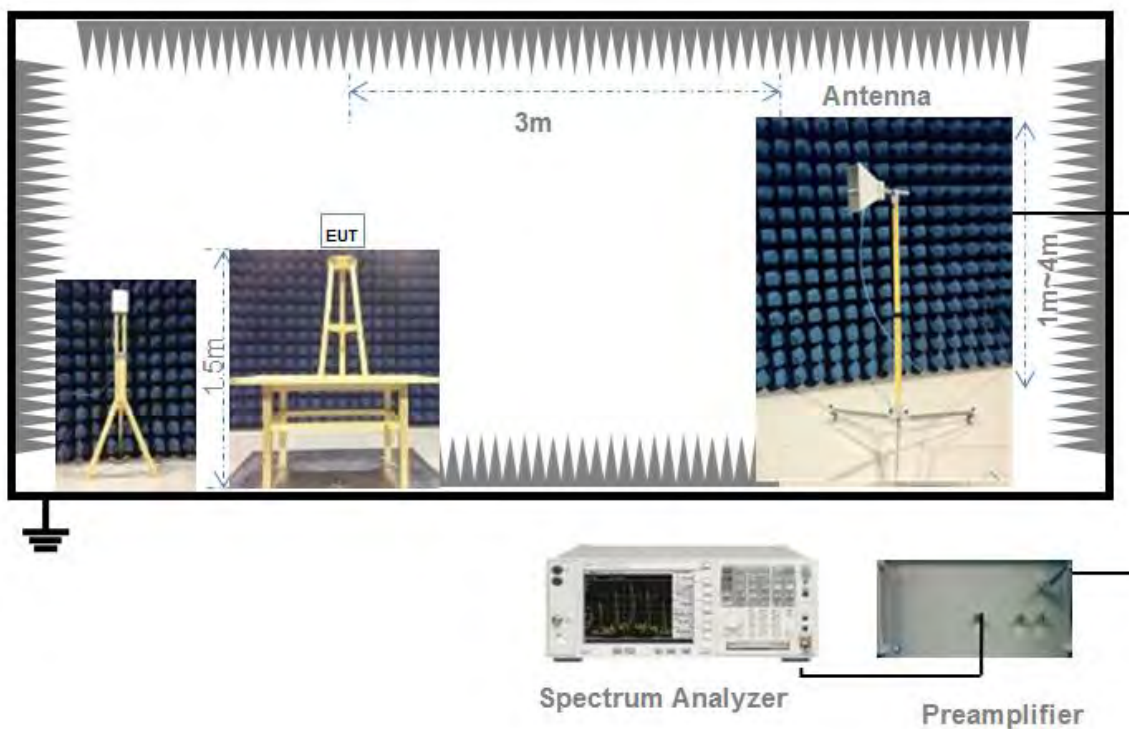
(Diagram 3)

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.	

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The maximum conducted output power shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	N/A
5250-5350	250 mW or 11 dBm + 10log B, whichever is less.
5470-5725	250 mW or 11 dBm + 10log B, whichever is less.
5725-5850	1 W
Note: Where “B” is the 99% emissions bandwidth in MHz.	

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

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

at least a factor of five.

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

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

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

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

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The maximum power spectral density should not exceed:

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

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

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

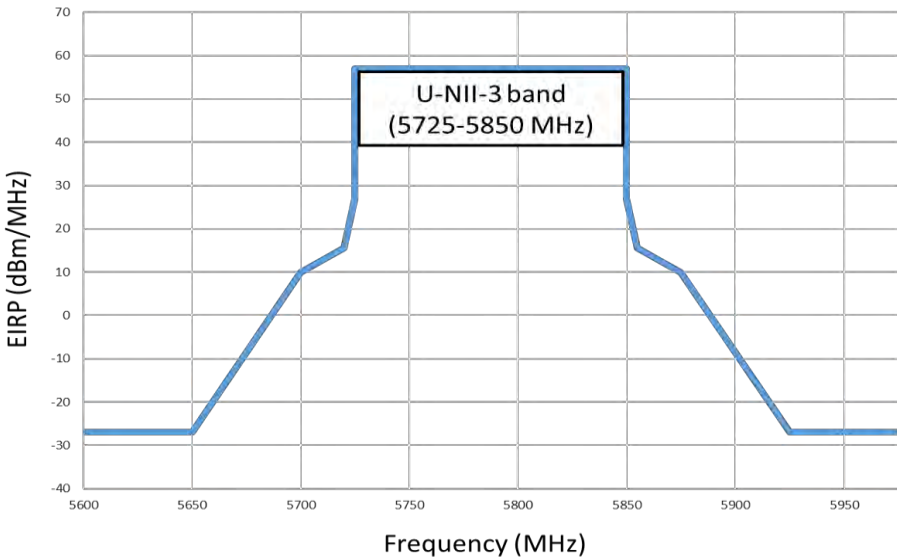
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

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

Note²: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

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

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

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.42	21.98	250	Pass
11a	CH44	14.55	28.51	250	Pass
11a	CH48	14.38	27.42	250	Pass
11n (HT20)	CH36	14.19	26.24	250	Pass
11n (HT20)	CH44	14.34	27.16	250	Pass
11n (HT20)	CH48	14.02	25.23	250	Pass
11n (HT40)	CH38	12.76	18.88	250	Pass
11n (HT40)	CH46	14.12	25.82	250	Pass
11ac (VHT20)	CH36	14.06	25.47	250	Pass
11ac (VHT20)	CH44	14.11	25.76	250	Pass
11ac (VHT20)	CH48	14.26	26.67	250	Pass
11ac (VHT40)	CH38	13.95	24.83	250	Pass
11ac (VHT40)	CH46	14.76	29.92	250	Pass
11ax (HE20)	CH36	14.49	28.12	250	Pass
11ax (HE20)	CH44	15.08	32.21	250	Pass
11ax (HE20)	CH48	15.00	31.62	250	Pass
11ax (HE40)	CH38	12.79	19.01	250	Pass
11ax (HE40)	CH46	14.90	30.90	250	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH52	13.20	20.89	250	216	Pass
11a	CH60	13.28	21.28	250	213	Pass
11a	CH64	13.10	20.42	250	214	Pass
11n (HT20)	CH52	13.44	22.08	250	227	Pass
11n (HT20)	CH60	13.33	21.53	250	228	Pass
11n (HT20)	CH64	13.47	22.23	250	229	Pass
11n (HT40)	CH54	13.15	20.65	250	250	Pass
11n (HT40)	CH62	13.20	20.89	250	250	Pass
11ac (VHT20)	CH52	13.13	20.56	250	229	Pass
11ac (VHT20)	CH60	13.37	21.73	250	228	Pass
11ac (VHT20)	CH64	13.28	21.28	250	228	Pass
11ac (VHT40)	CH54	12.79	19.01	250	250	Pass
11ac (VHT40)	CH62	13.13	20.56	250	250	Pass
11ax (HE20)	CH52	13.15	20.65	250	242	Pass
11ax (HE20)	CH60	13.14	20.61	250	240	Pass
11ax (HE20)	CH64	13.12	20.51	250	240	Pass
11ax (HE40)	CH54	13.33	21.53	250	250	Pass
11ax (HE40)	CH62	13.07	20.28	250	250	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	12.41	17.42	250	216	Pass
11a	CH116	12.32	17.06	250	214	Pass
11a	CH140	12.98	19.86	250	216	Pass
11n (HT20)	CH100	12.31	17.02	250	232	Pass
11n (HT20)	CH116	12.34	17.14	250	230	Pass
11n (HT20)	CH140	13.95	24.83	250	231	Pass
11n (HT40)	CH102	13.12	20.51	250	250	Pass
11n (HT40)	CH118	12.94	19.68	250	250	Pass
11n (HT40)	CH134	14.71	29.58	250	250	Pass
11ac (VHT20)	CH100	12.66	18.45	250	229	Pass
11ac (VHT20)	CH116	12.92	19.59	250	230	Pass
11ac (VHT20)	CH140	13.65	23.17	250	230	Pass
11ac (VHT40)	CH102	13.23	21.04	250	250	Pass
11ac (VHT40)	CH118	12.92	19.59	250	250	Pass
11ac (VHT40)	CH134	13.77	23.82	250	250	Pass
11ax (HE20)	CH100	12.97	19.82	250	242	Pass
11ax (HE20)	CH116	12.80	19.05	250	242	Pass
11ax (HE20)	CH140	14.03	25.29	250	242	Pass
11ax (HE40)	CH102	12.46	17.62	250	250	Pass
11ax (HE40)	CH118	12.42	17.46	250	250	Pass
11ax (HE40)	CH134	13.22	20.99	250	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC/IC Limit (mW)	Verdict
11a	CH36	14.59	28.77	1000	Pass
11a	CH44	14.17	26.12	1000	Pass
11a	CH48	12.44	17.54	1000	Pass
11n (HT20)	CH36	15.17	32.89	1000	Pass
11n (HT20)	CH44	13.97	24.95	1000	Pass
11n (HT20)	CH48	12.90	19.50	1000	Pass
11n (HT40)	CH38	15.29	33.81	1000	Pass
11n (HT40)	CH46	14.86	30.62	1000	Pass
11ac (VHT20)	CH36	13.00	19.95	1000	Pass
11ac (VHT20)	CH44	13.95	24.83	1000	Pass
11ac (VHT20)	CH48	14.41	27.61	1000	Pass
11ac (VHT40)	CH38	15.34	34.20	1000	Pass
11ac (VHT40)	CH46	14.44	27.80	1000	Pass
11ax (HE20)	CH36	15.40	34.67	1000	Pass
11ax (HE20)	CH44	14.45	27.86	1000	Pass
11ax (HE20)	CH48	12.72	18.71	1000	Pass
11ax (HE40)	CH38	14.72	29.65	1000	Pass
11ax (HE40)	CH46	13.66	23.23	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	16.92	49.20	169	Pass
11a	CH44	18.05	63.83	170	Pass
11a	CH48	17.88	61.38	170	Pass
11n (HT20)	CH36	17.69	58.75	182	Pass
11n (HT20)	CH44	17.84	60.81	182	Pass
11n (HT20)	CH48	17.52	56.49	183	Pass
11n (HT40)	CH38	16.26	42.27	200	Pass
11n (HT40)	CH46	17.62	57.81	200	Pass
11ac (VHT20)	CH36	17.56	57.02	180	Pass
11ac (VHT20)	CH44	17.61	57.68	182	Pass
11ac (VHT20)	CH48	17.76	59.70	182	Pass
11ac (VHT40)	CH38	17.45	55.59	200	Pass
11ac (VHT40)	CH46	18.26	66.99	200	Pass
11ax (HE20)	CH36	17.99	62.95	191	Pass
11ax (HE20)	CH44	18.58	72.11	192	Pass
11ax (HE20)	CH48	18.50	70.79	192	Pass
11ax (HE40)	CH38	16.29	42.56	200	Pass
11ax (HE40)	CH46	18.40	69.18	200	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH52	16.70	46.77	860	Pass
11a	CH60	16.78	47.64	846	Pass
11a	CH64	16.60	45.71	850	Pass
11n (HT20)	CH52	16.94	49.43	903	Pass
11n (HT20)	CH60	16.83	48.19	906	Pass
11n (HT20)	CH64	16.97	49.77	914	Pass
11n (HT40)	CH54	16.65	46.24	1000	Pass
11n (HT40)	CH62	16.70	46.77	1000	Pass
11ac (VHT20)	CH52	16.63	46.03	912	Pass
11ac (VHT20)	CH60	16.87	48.64	907	Pass
11ac (VHT20)	CH64	16.78	47.64	907	Pass
11ac (VHT40)	CH54	16.29	42.56	1000	Pass
11ac (VHT40)	CH62	16.63	46.03	1000	Pass
11ax (HE20)	CH52	16.65	46.24	962	Pass
11ax (HE20)	CH60	16.64	46.13	962	Pass
11ax (HE20)	CH64	16.62	45.92	954	Pass
11ax (HE40)	CH54	16.83	48.19	1000	Pass
11ax (HE40)	CH62	16.57	45.39	1000	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH100	14.71	29.58	860	Pass
11a	CH116	14.62	28.97	854	Pass
11a	CH140	15.28	33.73	861	Pass
11n (HT20)	CH100	14.61	28.91	922	Pass
11n (HT20)	CH116	14.64	29.11	917	Pass
11n (HT20)	CH140	16.25	42.17	918	Pass
11n (HT40)	CH102	15.42	34.83	1000	Pass
11n (HT40)	CH118	15.24	33.42	1000	Pass
11n (HT40)	CH134	17.01	50.23	1000	Pass
11ac (VHT20)	CH100	14.96	31.33	912	Pass
11ac (VHT20)	CH116	15.22	33.27	917	Pass
11ac (VHT20)	CH140	15.95	39.36	916	Pass
11ac (VHT40)	CH102	15.53	35.73	1000	Pass
11ac (VHT40)	CH118	15.22	33.27	1000	Pass
11ac (VHT40)	CH134	16.07	40.46	1000	Pass
11ax (HE20)	CH100	15.27	33.65	962	Pass
11ax (HE20)	CH116	15.10	32.36	964	Pass
11ax (HE20)	CH140	16.33	42.95	965	Pass
11ax (HE40)	CH102	14.76	29.92	1000	Pass
11ax (HE40)	CH118	14.72	29.65	1000	Pass
11ax (HE40)	CH134	15.52	35.65	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	16.69	46.67	Pass
11a	CH157	16.27	42.36	Pass
11a	CH165	14.54	28.44	Pass
11n (HT20)	CH149	17.27	53.33	Pass
11n (HT20)	CH157	16.07	40.46	Pass
11n (HT20)	CH165	15.00	31.62	Pass
11n (HT40)	CH151	17.39	54.83	Pass
11n (HT40)	CH159	16.96	49.66	Pass
11ac (VHT20)	CH149	15.10	32.36	Pass
11ac (VHT20)	CH157	16.05	40.27	Pass
11ac (VHT20)	CH165	16.51	44.77	Pass
11ac (VHT40)	CH151	17.44	55.46	Pass
11ac (VHT40)	CH159	16.54	45.08	Pass
11ax (HE20)	CH149	17.50	56.23	Pass
11ax (HE20)	CH157	16.55	45.19	Pass
11ax (HE20)	CH165	14.82	30.34	Pass
11ax (HE40)	CH151	16.82	48.08	Pass
11ax (HE40)	CH159	15.76	37.67	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Not applicable.

A.3 6 dB Bandwidth

Note: Not applicable.

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ2470547-607 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	-3.76	11.00	Pass
11a	CH44	-4.50	11.00	Pass
11a	CH48	-5.57	11.00	Pass
11n (HT20)	CH36	-0.88	11.00	Pass
11n (HT20)	CH44	-1.29	11.00	Pass
11n (HT20)	CH48	-1.45	11.00	Pass
11n (HT40)	CH38	-4.42	11.00	Pass
11n (HT40)	CH46	-4.91	11.00	Pass
11ac (VHT20)	CH36	-1.49	11.00	Pass
11ac (VHT20)	CH44	-1.36	11.00	Pass
11ac (VHT20)	CH48	-1.27	11.00	Pass
11ac (VHT40)	CH38	-5.36	11.00	Pass
11ac (VHT40)	CH46	-4.27	11.00	Pass
11ax (HE20)	CH36	-2.29	11.00	Pass
11ax (HE20)	CH44	-1.77	11.00	Pass
11ax (HE20)	CH48	-2.51	11.00	Pass
11ax (HE40)	CH38	-6.30	11.00	Pass
11ax (HE40)	CH46	-4.51	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC/IC Limit (dBm/MHz)	Verdict
11a	CH52	-8.46	11.00	Pass
11a	CH60	-7.57	11.00	Pass
11a	CH64	-8.98	11.00	Pass
11n (HT20)	CH52	-3.99	11.00	Pass
11n (HT20)	CH60	-3.98	11.00	Pass
11n (HT20)	CH64	-3.30	11.00	Pass
11n (HT40)	CH54	-6.63	11.00	Pass
11n (HT40)	CH62	-6.79	11.00	Pass
11ac (VHT20)	CH52	-3.96	11.00	Pass
11ac (VHT20)	CH60	-3.45	11.00	Pass
11ac (VHT20)	CH64	-3.46	11.00	Pass
11ac (VHT40)	CH54	-6.71	11.00	Pass
11ac (VHT40)	CH62	-7.01	11.00	Pass
11ax (HE20)	CH52	-5.05	11.00	Pass
11ax (HE20)	CH60	-4.44	11.00	Pass
11ax (HE20)	CH64	-4.09	11.00	Pass
11ax (HE40)	CH54	-7.54	11.00	Pass
11ax (HE40)	CH62	-8.05	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC/IC Limit (dBm/MHz)	Verdict
11a	CH100	-7.44	11.00	Pass
11a	CH116	-5.22	11.00	Pass
11a	CH140	-7.18	11.00	Pass
11n (HT20)	CH100	-3.79	11.00	Pass
11n (HT20)	CH116	-1.36	11.00	Pass
11n (HT20)	CH140	-3.46	11.00	Pass
11n (HT40)	CH102	-6.40	11.00	Pass
11n (HT40)	CH118	-4.90	11.00	Pass
11n (HT40)	CH134	-6.32	11.00	Pass
11ac (VHT20)	CH100	-3.76	11.00	Pass
11ac (VHT20)	CH116	-2.26	11.00	Pass
11ac (VHT20)	CH140	-3.44	11.00	Pass
11ac (VHT40)	CH102	-7.01	11.00	Pass
11ac (VHT40)	CH118	-5.50	11.00	Pass
11ac (VHT40)	CH134	-6.74	11.00	Pass
11ax (HE20)	CH100	-4.62	11.00	Pass
11ax (HE20)	CH116	-3.03	11.00	Pass
11ax (HE20)	CH140	-4.45	11.00	Pass
11ax (HE40)	CH102	-7.66	11.00	Pass
11ax (HE40)	CH118	-5.93	11.00	Pass
11ax (HE40)	CH134	-7.54	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC/IC Limit (dBm/500kHz)	Verdict
11a	CH149	-10.03	30.00	Pass
11a	CH157	-12.05	30.00	Pass
11a	CH165	-11.05	30.00	Pass
11n (HT20)	CH149	-7.04	30.00	Pass
11n (HT20)	CH157	-6.59	30.00	Pass
11n (HT20)	CH165	-8.37	30.00	Pass
11n (HT40)	CH151	-9.65	30.00	Pass
11n (HT40)	CH159	-10.48	30.00	Pass
11ac (VHT20)	CH149	-6.76	30.00	Pass
11ac (VHT20)	CH157	-6.97	30.00	Pass
11ac (VHT20)	CH165	-8.78	30.00	Pass
11ac (VHT40)	CH151	-9.94	30.00	Pass
11ac (VHT40)	CH159	-11.03	30.00	Pass
11ax (HE20)	CH149	-7.67	30.00	Pass
11ax (HE20)	CH157	-7.57	30.00	Pass
11ax (HE20)	CH165	-8.78	30.00	Pass
11ax (HE40)	CH151	-10.25	30.00	Pass
11ax (HE40)	CH159	-11.38	30.00	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	E.I.R.P PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
11a	CH36	-0.26	10.00	Pass
11a	CH44	-1.00	10.00	Pass
11a	CH48	-2.07	10.00	Pass
11n (HT20)	CH36	2.62	10.00	Pass
11n (HT20)	CH44	2.21	10.00	Pass
11n (HT20)	CH48	2.05	10.00	Pass
11n (HT40)	CH38	-0.92	10.00	Pass
11n (HT40)	CH46	-1.41	10.00	Pass
11ac (VHT20)	CH36	2.01	10.00	Pass
11ac (VHT20)	CH44	2.14	10.00	Pass
11ac (VHT20)	CH48	2.23	10.00	Pass
11ac (VHT40)	CH38	-1.86	10.00	Pass
11ac (VHT40)	CH46	-0.77	10.00	Pass
11ax (HE20)	CH36	1.21	10.00	Pass
11ax (HE20)	CH44	1.73	10.00	Pass
11ax (HE20)	CH48	0.99	10.00	Pass
11ax (HE40)	CH38	-2.80	10.00	Pass
11ax (HE40)	CH46	-1.01	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH52	-4.96	Pass
11a	CH60	-4.07	Pass
11a	CH64	-5.48	Pass
11n (HT20)	CH52	-0.49	Pass
11n (HT20)	CH60	-0.48	Pass
11n (HT20)	CH64	0.20	Pass
11n (HT40)	CH54	-3.13	Pass
11n (HT40)	CH62	-3.29	Pass
11ac (VHT20)	CH52	-0.46	Pass
11ac (VHT20)	CH60	0.05	Pass
11ac (VHT20)	CH64	0.04	Pass
11ac (VHT40)	CH54	-3.21	Pass
11ac (VHT40)	CH62	-3.51	Pass
11ax (HE20)	CH52	-1.55	Pass
11ax (HE20)	CH60	-0.94	Pass
11ax (HE20)	CH64	-0.59	Pass
11ax (HE40)	CH54	-4.04	Pass
11ax (HE40)	CH62	-4.55	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	-5.14	Pass
11a	CH116	-2.92	Pass
11a	CH140	-4.88	Pass
11n (HT20)	CH100	-1.49	Pass
11n (HT20)	CH116	0.94	Pass
11n (HT20)	CH140	-1.16	Pass
11n (HT40)	CH102	-4.10	Pass
11n (HT40)	CH118	-2.60	Pass
11n (HT40)	CH134	-4.02	Pass
11ac (VHT20)	CH100	-1.46	Pass
11ac (VHT20)	CH116	0.04	Pass
11ac (VHT20)	CH140	-1.14	Pass
11ac (VHT40)	CH102	-4.71	Pass
11ac (VHT40)	CH118	-3.20	Pass
11ac (VHT40)	CH134	-4.44	Pass
11ax (HE20)	CH100	-2.32	Pass
11ax (HE20)	CH116	-0.73	Pass
11ax (HE20)	CH140	-2.15	Pass
11ax (HE40)	CH102	-5.36	Pass
11ax (HE40)	CH118	-3.63	Pass
11ax (HE40)	CH134	-5.24	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH149	-7.93	Pass
11a	CH157	-9.95	Pass
11a	CH165	-8.95	Pass
11n (HT20)	CH149	-4.94	Pass
11n (HT20)	CH157	-4.49	Pass
11n (HT20)	CH165	-6.27	Pass
11n (HT40)	CH151	-7.55	Pass
11n (HT40)	CH159	-8.38	Pass
11ac (VHT20)	CH149	-4.66	Pass
11ac (VHT20)	CH157	-4.87	Pass
11ac (VHT20)	CH165	-6.68	Pass
11ac (VHT40)	CH151	-7.84	Pass
11ac (VHT40)	CH159	-8.93	Pass
11ax (HE20)	CH149	-5.57	Pass
11ax (HE20)	CH157	-5.47	Pass
11ax (HE20)	CH165	-6.68	Pass
11ax (HE40)	CH151	-8.15	Pass
11ax (HE40)	CH159	-9.28	Pass

A.5 Conducted Emissions

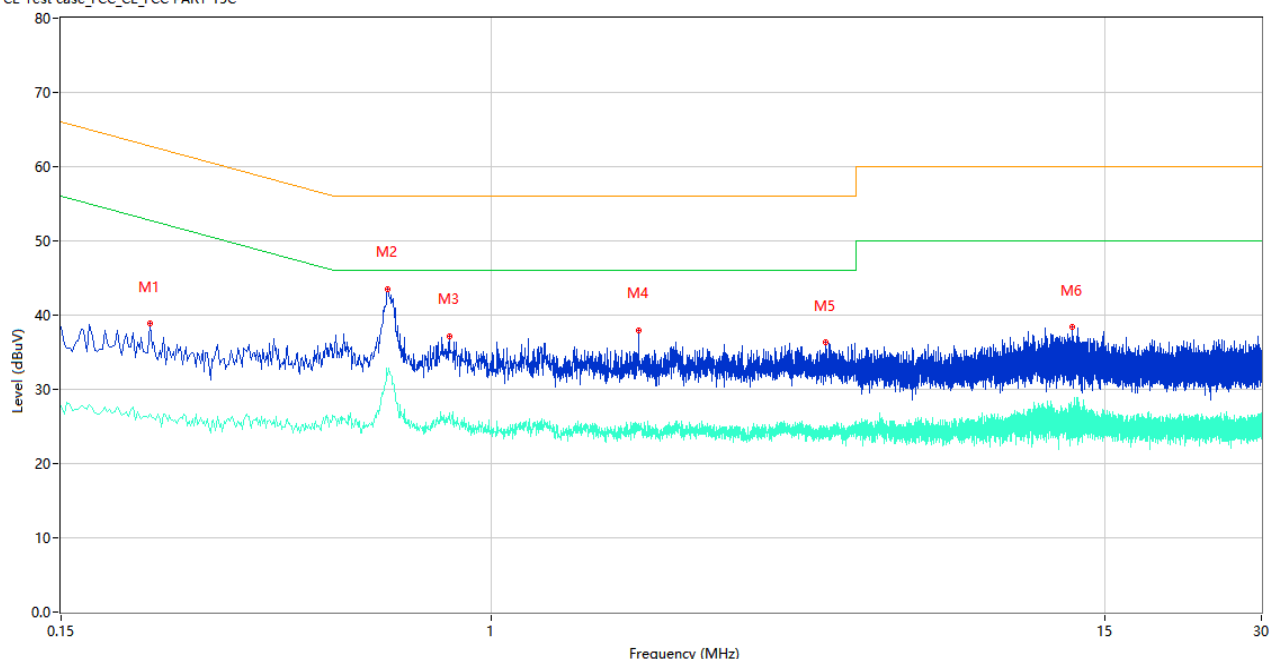
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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.

Test Data and Plots

PHASE L

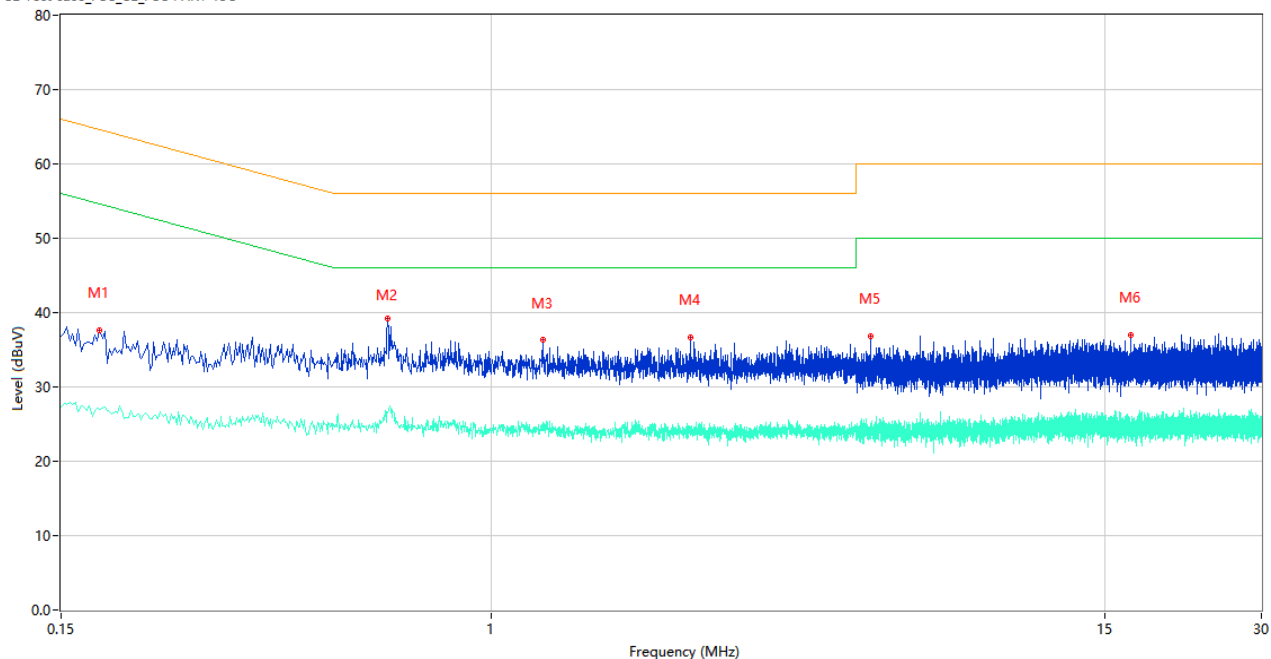
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.222	38.82	9.77	62.74	23.92	Peak	L	Pass
1**	0.222	26.74	9.77	52.74	26.00	AV	L	Pass
2	0.634	43.54	10.19	56.00	12.46	Peak	L	Pass
2**	0.634	31.90	10.19	46.00	14.10	AV	L	Pass
3	0.832	37.16	10.59	56.00	18.84	Peak	L	Pass
3**	0.832	26.85	10.59	46.00	19.15	AV	L	Pass
4	1.922	37.94	10.47	56.00	18.06	Peak	L	Pass
4**	1.922	25.34	10.47	46.00	20.66	AV	L	Pass
5	4.382	36.32	10.31	56.00	19.68	Peak	L	Pass
5**	4.382	24.82	10.31	46.00	21.18	AV	L	Pass
6	13.042	38.40	10.35	60.00	21.60	Peak	L	Pass
6**	13.042	27.50	10.35	50.00	22.50	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	0.178	37.56	9.78	64.58	27.02	Peak	N	Pass
1**	0.178	26.95	9.78	54.58	27.63	AV	N	Pass
2	0.634	39.28	10.19	56.00	16.72	Peak	N	Pass
2**	0.634	26.47	10.19	46.00	19.53	AV	N	Pass
3	1.256	36.30	10.45	56.00	19.70	Peak	N	Pass
3**	1.256	25.26	10.45	46.00	20.74	AV	N	Pass
4	2.410	36.71	10.27	56.00	19.29	Peak	N	Pass
4**	2.410	24.45	10.27	46.00	21.55	AV	N	Pass
5	5.350	36.86	10.22	60.00	23.14	Peak	N	Pass
5**	5.350	24.92	10.22	50.00	25.08	AV	N	Pass
6	16.862	37.02	10.60	60.00	22.98	Peak	N	Pass
6**	16.862	24.07	10.60	50.00	25.93	AV	N	Pass

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

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

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

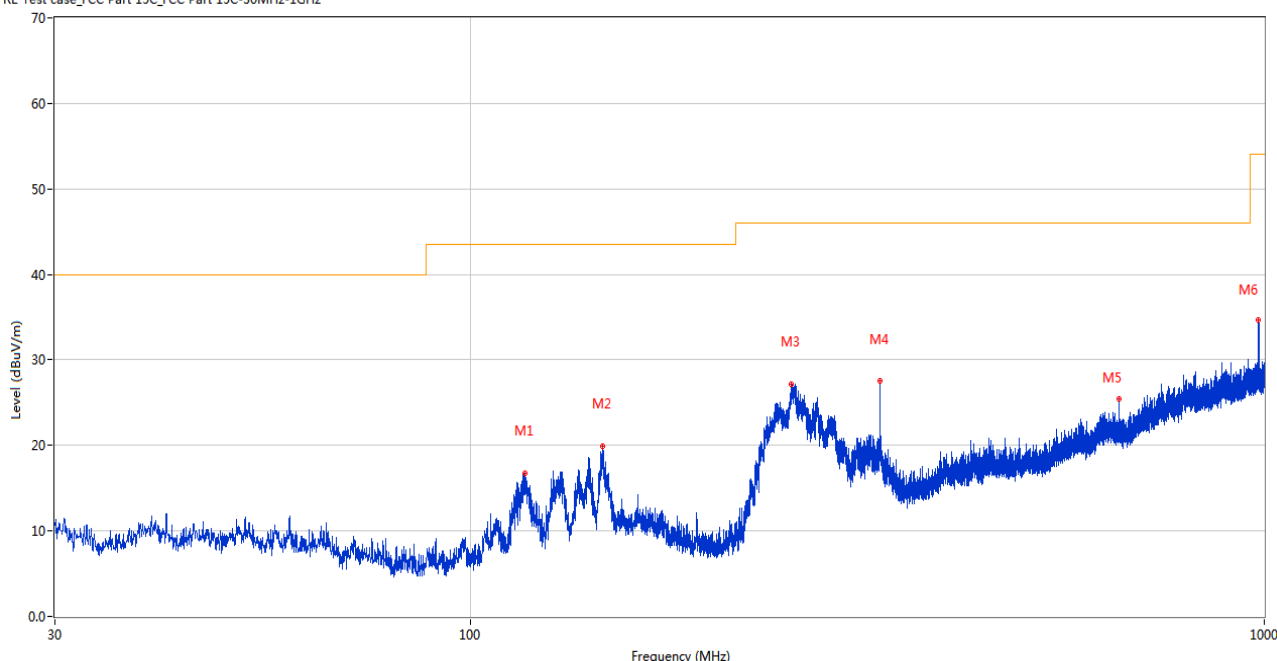
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

Test Data and Plots

30 MHz to 1 GHz, ANT H

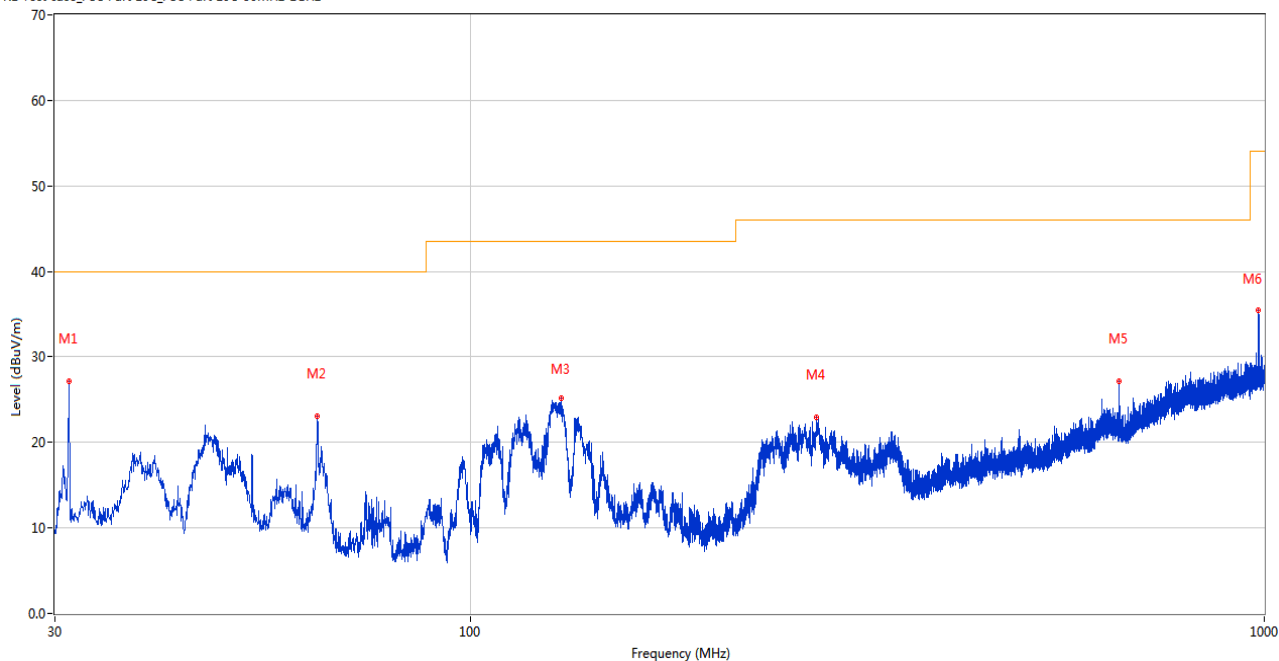
RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	117.252	16.79	-28.46	43.5	26.71	Peak	228.00	200	Horizontal	Pass
2	146.885	19.87	-25.96	43.5	23.63	Peak	79.00	200	Horizontal	Pass
3	253.828	27.19	-26.56	46.0	18.81	Peak	83.00	100	Horizontal	Pass
4	327.984	27.49	-23.51	46.0	18.51	Peak	160.00	100	Horizontal	Pass
5	655.941	25.39	-15.65	46.0	20.61	Peak	199.00	100	Horizontal	Pass
6	983.898	34.63	-9.97	54.0	19.37	Peak	248.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	31.212	27.21	-27.53	40.0	12.79	Peak	166.00	200	Vertical	Pass
2	64.192	23.03	-28.12	40.0	16.97	Peak	269.00	100	Vertical	Pass
3	130.152	25.13	-27.44	43.5	18.37	Peak	0.00	100	Vertical	Pass
4	273.276	23.00	-25.80	46.0	23.00	Peak	166.00	100	Vertical	Pass
5	655.990	27.10	-15.65	46.0	18.90	Peak	71.00	100	Vertical	Pass
6	983.946	35.49	-9.98	54.0	18.51	Peak	21.00	200	Vertical	Pass

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

Note 2: All mode has been pre tested, only show worst data on 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	1560.800	39.31	-16.86	74.0	34.69	Peak	58.00	100	Horizontal	Pass
1**	1560.800	30.23	-16.86	54.0	23.77	AV	58.00	100	Horizontal	Pass
2	4264.000	50.71	-4.56	74.0	23.29	Peak	14.00	300	Horizontal	Pass
2**	4264.000	42.61	-4.56	54.0	11.39	AV	14.00	300	Horizontal	Pass
3	5181.600	109.74	-2.63	--	--	Peak	295.00	150	Horizontal	N/A
3**	5181.600	102.23	-2.63	--	--	AV	295.00	150	Horizontal	N/A
4	7465.750	50.45	-3.38	74.0	23.55	Peak	209.00	100	Horizontal	Pass
4**	7465.750	39.52	-3.38	54.0	14.48	AV	209.00	100	Horizontal	Pass
5	12278.213	53.33	1.74	74.0	20.67	Peak	0.00	100	Horizontal	Pass
5**	12278.213	44.14	1.74	54.0	9.86	AV	0.00	100	Horizontal	Pass
6	15659.288	56.28	1.26	74.0	17.72	Peak	176.00	300	Horizontal	Pass
6**	15659.288	46.47	1.26	54.0	7.53	AV	176.00	300	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	1608.700	39.12	-17.47	74.0	34.88	Peak	260.00	100	Vertical	Pass
1**	1608.700	29.17	-17.47	54.0	24.83	AV	260.00	100	Vertical	Pass
2	4264.400	51.74	-4.52	74.0	22.26	Peak	291.00	300	Vertical	Pass
2**	4264.400	41.51	-4.52	54.0	12.49	AV	291.00	300	Vertical	Pass
3	5178.600	105.68	-2.53	--	--	Peak	280.00	100	Vertical	N/A
3**	5178.600	98.00	-2.53	--	--	AV	280.00	100	Vertical	N/A
4	7340.975	50.90	-3.07	74.0	23.10	Peak	145.00	400	Vertical	Pass
4**	7340.975	40.88	-3.07	54.0	13.12	AV	145.00	400	Vertical	Pass
5	12418.224	53.10	1.40	74.0	20.90	Peak	145.00	100	Vertical	Pass
5**	12418.224	43.36	1.40	54.0	10.64	AV	145.00	100	Vertical	Pass
6	16155.150	56.13	0.93	74.0	17.87	Peak	360.00	100	Vertical	Pass
6**	16155.150	46.61	0.93	54.0	7.39	AV	360.00	100	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	1597.700	38.88	-17.22	74.0	35.12	Peak	97.00	200	Horizontal	Pass
1**	1597.700	30.63	-17.22	54.0	23.37	AV	97.00	200	Horizontal	Pass
2	4264.600	51.61	-4.50	74.0	22.39	Peak	23.00	400	Horizontal	Pass
2**	4264.600	41.70	-4.50	54.0	12.30	AV	23.00	400	Horizontal	Pass
3	5222.400	111.17	-2.70	--	--	Peak	285.00	100	Horizontal	N/A
3**	5222.400	102.26	-2.70	--	--	AV	285.00	100	Horizontal	N/A
4	7720.187	49.71	-2.75	74.0	24.29	Peak	322.00	200	Horizontal	Pass
4**	7720.187	40.92	-2.75	54.0	13.08	AV	322.00	200	Horizontal	Pass
5	12318.463	53.40	1.42	74.0	20.60	Peak	342.00	150	Horizontal	Pass
5**	12318.463	44.92	1.42	54.0	9.08	AV	342.00	150	Horizontal	Pass
6	16094.775	56.20	1.33	74.0	17.80	Peak	32.00	400	Horizontal	Pass
6**	16094.775	46.69	1.33	54.0	7.31	AV	32.00	400	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	1495.900	39.91	-16.85	74.0	34.09	Peak	91.00	200	Vertical	Pass
1**	1495.900	32.51	-16.85	54.0	21.49	AV	91.00	200	Vertical	Pass
2	4264.200	51.69	-4.54	74.0	22.31	Peak	340.00	100	Vertical	Pass
2**	4264.200	43.07	-4.54	54.0	10.93	AV	340.00	100	Vertical	Pass
3	5216.400	106.54	-2.64	--	--	Peak	274.00	100	Vertical	N/A
3**	5216.400	98.56	-2.64	--	--	AV	274.00	100	Vertical	N/A
4	7350.750	50.11	-3.65	74.0	23.89	Peak	120.00	300	Vertical	Pass
4**	7350.750	41.06	-3.65	54.0	12.94	AV	120.00	300	Vertical	Pass
5	12357.850	53.60	1.17	74.0	20.40	Peak	41.00	150	Vertical	Pass
5**	12357.850	43.34	1.17	54.0	10.66	AV	41.00	150	Vertical	Pass
6	16079.287	56.58	1.63	74.0	17.42	Peak	276.00	100	Vertical	Pass
6**	16079.287	47.27	1.63	54.0	6.73	AV	276.00	100	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	1458.400	39.40	-16.97	74.0	34.60	Peak	112.00	100	Horizontal	Pass
1**	1458.400	29.48	-16.97	54.0	24.52	AV	112.00	100	Horizontal	Pass
2	4265.000	50.81	-4.46	74.0	23.19	Peak	360.00	200	Horizontal	Pass
2**	4265.000	41.90	-4.46	54.0	12.10	AV	360.00	200	Horizontal	Pass
3	5246.000	110.89	-2.44	--	--	Peak	288.00	150	Horizontal	N/A
3**	5246.000	102.83	-2.44	--	--	AV	288.00	150	Horizontal	N/A
4	7347.875	50.01	-3.73	74.0	23.99	Peak	321.00	400	Horizontal	Pass
4**	7347.875	41.40	-3.73	54.0	12.60	AV	321.00	400	Horizontal	Pass
5	12308.400	54.24	1.38	74.0	19.76	Peak	177.00	200	Horizontal	Pass
5**	12308.400	43.88	1.38	54.0	10.12	AV	177.00	200	Horizontal	Pass
6	15839.887	56.37	1.45	74.0	17.63	Peak	336.00	400	Horizontal	Pass
6**	15839.887	46.87	1.45	54.0	7.13	AV	336.00	400	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	1584.900	39.10	-16.88	74.0	34.90	Peak	0.00	100	Vertical	Pass
1**	1584.900	29.77	-16.88	54.0	24.23	AV	0.00	100	Vertical	Pass
2	4264.400	52.18	-4.52	74.0	21.82	Peak	330.00	400	Vertical	Pass
2**	4264.400	43.37	-4.52	54.0	10.63	AV	330.00	400	Vertical	Pass
3	5243.200	107.38	-2.39	--	--	Peak	279.00	200	Vertical	N/A
3**	5243.200	99.87	-2.39	--	--	AV	279.00	200	Vertical	N/A
4	7591.963	50.44	-3.03	74.0	23.56	Peak	133.00	300	Vertical	Pass
4**	7591.963	40.10	-3.03	54.0	13.90	AV	133.00	300	Vertical	Pass
5	12313.862	53.39	1.40	74.0	20.61	Peak	73.00	100	Vertical	Pass
5**	12313.862	43.94	1.40	54.0	10.06	AV	73.00	100	Vertical	Pass
6	16196.625	56.40	1.59	74.0	17.60	Peak	20.00	100	Vertical	Pass
6**	16196.625	46.26	1.59	54.0	7.74	AV	20.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.100	39.02	-17.32	74.0	34.98	Peak	51.00	100	Horizontal	Pass
1**	1438.100	29.09	-17.32	54.0	24.91	AV	51.00	100	Horizontal	Pass
2	4264.400	50.71	-4.52	74.0	23.29	Peak	353.00	300	Horizontal	Pass
2**	4264.400	42.65	-4.52	54.0	11.35	AV	353.00	300	Horizontal	Pass
3	5184.600	107.14	-2.46	--	--	Peak	289.00	150	Horizontal	N/A
3**	5184.600	99.78	-2.46	--	--	AV	289.00	150	Horizontal	N/A
4	7731.112	50.88	-2.43	74.0	23.12	Peak	168.00	400	Horizontal	Pass
4**	7731.112	40.93	-2.43	54.0	13.07	AV	168.00	400	Horizontal	Pass
5	12354.688	53.17	1.17	74.0	20.83	Peak	144.00	150	Horizontal	Pass
5**	12354.688	44.47	1.17	54.0	9.53	AV	144.00	150	Horizontal	Pass
6	16112.362	56.00	0.73	74.0	18.00	Peak	360.00	300	Horizontal	Pass
6**	16112.362	47.18	0.73	54.0	6.82	AV	360.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.000	39.29	-16.86	74.0	34.71	Peak	100.00	300	Vertical	Pass
1**	1495.000	29.88	-16.86	54.0	24.12	AV	100.00	300	Vertical	Pass
2	4263.600	52.10	-4.60	74.0	21.90	Peak	294.00	200	Vertical	Pass
2**	4263.600	42.53	-4.60	54.0	11.47	AV	294.00	200	Vertical	Pass
3	5193.400	104.24	-2.39	--	--	Peak	280.00	150	Vertical	N/A
3**	5193.400	95.69	-2.39	--	--	AV	280.00	150	Vertical	N/A
4	7334.362	50.17	-3.19	74.0	23.83	Peak	255.00	300	Vertical	Pass
4**	7334.362	41.74	-3.19	54.0	12.26	AV	255.00	300	Vertical	Pass
5	11042.537	53.21	-0.56	74.0	20.79	Peak	135.00	100	Vertical	Pass
5**	11042.537	42.81	-0.56	54.0	11.19	AV	135.00	100	Vertical	Pass
6	15801.300	55.67	2.32	74.0	18.33	Peak	153.00	200	Vertical	Pass
6**	15801.300	46.43	2.32	54.0	7.57	AV	153.00	200	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	1436.100	39.41	-17.29	74.0	34.59	Peak	229.00	100	Horizontal	Pass
1**	1436.100	29.79	-17.29	54.0	24.21	AV	229.00	100	Horizontal	Pass
2	4264.000	51.12	-4.56	74.0	22.88	Peak	356.00	400	Horizontal	Pass
2**	4264.000	42.73	-4.56	54.0	11.27	AV	356.00	400	Horizontal	Pass
3	5227.800	106.40	-2.82	--	--	Peak	290.00	200	Horizontal	N/A
3**	5227.800	98.57	-2.82	--	--	AV	290.00	200	Horizontal	N/A
4	7344.425	50.08	-3.47	74.0	23.92	Peak	122.00	400	Horizontal	Pass
4**	7344.425	40.94	-3.47	54.0	13.06	AV	122.00	400	Horizontal	Pass
5	12699.112	53.54	0.84	74.0	20.46	Peak	334.00	100	Horizontal	Pass
5**	12699.112	44.02	0.84	54.0	9.98	AV	334.00	100	Horizontal	Pass
6	16143.337	56.06	1.03	74.0	17.94	Peak	360.00	200	Horizontal	Pass
6**	16143.337	46.62	1.03	54.0	7.38	AV	360.00	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	1624.100	39.04	-17.08	74.0	34.96	Peak	45.00	100	Vertical	Pass
1**	1624.100	29.66	-17.08	54.0	24.34	AV	45.00	100	Vertical	Pass
2	4264.400	52.55	-4.52	74.0	21.45	Peak	325.00	400	Vertical	Pass
2**	4264.400	42.90	-4.52	54.0	11.10	AV	325.00	400	Vertical	Pass
3	5236.200	102.97	-2.50	--	--	Peak	278.00	200	Vertical	N/A
3**	5236.200	94.85	-2.50	--	--	AV	278.00	200	Vertical	N/A
4	7380.650	50.05	-3.44	74.0	23.95	Peak	194.00	400	Vertical	Pass
4**	7380.650	40.42	-3.44	54.0	13.58	AV	194.00	400	Vertical	Pass
5	12410.463	53.99	1.44	74.0	20.01	Peak	0.00	150	Vertical	Pass
5**	12410.463	44.58	1.44	54.0	9.42	AV	0.00	150	Vertical	Pass
6	15819.675	56.13	1.89	74.0	17.87	Peak	237.00	100	Vertical	Pass
6**	15819.675	46.24	1.89	54.0	7.76	AV	237.00	100	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	1495.000	39.41	-16.86	74.0	34.59	Peak	360.00	100	Horizontal	Pass
1**	1495.000	29.64	-16.86	54.0	24.36	AV	360.00	100	Horizontal	Pass
2	4264.200	51.07	-4.54	74.0	22.93	Peak	355.00	100	Horizontal	Pass
2**	4264.200	42.06	-4.54	54.0	11.94	AV	355.00	100	Horizontal	Pass
3	5311.600	106.11	-2.35	--	--	Peak	277.00	200	Horizontal	N/A
3**	5311.600	98.72	-2.35	--	--	AV	277.00	200	Horizontal	N/A
4	7714.438	49.71	-2.44	74.0	24.29	Peak	243.00	400	Horizontal	Pass
4**	7714.438	40.07	-2.44	54.0	13.93	AV	243.00	400	Horizontal	Pass
5	12341.175	53.29	1.29	74.0	20.71	Peak	16.00	100	Horizontal	Pass
5**	12341.175	44.46	1.29	54.0	9.54	AV	16.00	100	Horizontal	Pass
6	15673.463	56.07	1.50	74.0	17.93	Peak	294.00	200	Horizontal	Pass
6**	15673.463	46.12	1.50	54.0	7.88	AV	294.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.200	39.19	-17.12	74.0	34.81	Peak	108.00	100	Vertical	Pass
1**	1567.200	29.61	-17.12	54.0	24.39	AV	108.00	100	Vertical	Pass
2	4263.800	51.81	-4.58	74.0	22.19	Peak	258.00	300	Vertical	Pass
2**	4263.800	42.59	-4.58	54.0	11.41	AV	258.00	300	Vertical	Pass
3	5320.200	98.57	-2.34	--	--	Peak	270.00	200	Vertical	N/A
3**	5320.200	90.62	-2.34	--	--	AV	270.00	200	Vertical	N/A
4	7388.412	50.03	-3.98	74.0	23.97	Peak	39.00	300	Vertical	Pass
4**	7388.412	40.42	-3.98	54.0	13.58	AV	39.00	300	Vertical	Pass
5	12635.000	53.21	1.27	74.0	20.79	Peak	173.00	200	Vertical	Pass
5**	12635.000	44.31	1.27	54.0	9.69	AV	173.00	200	Vertical	Pass
6	16075.612	57.46	1.55	74.0	16.54	Peak	323.00	200	Vertical	Pass
6**	16075.612	47.03	1.55	54.0	6.97	AV	323.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1554.600	39.56	-17.17	74.0	34.44	Peak	259.00	200	Horizontal	Pass
1**	1554.600	30.02	-17.17	54.0	23.98	AV	259.00	200	Horizontal	Pass
2	4263.800	52.13	-4.58	74.0	21.87	Peak	29.00	400	Horizontal	Pass
2**	4263.800	43.28	-4.58	54.0	10.72	AV	29.00	400	Horizontal	Pass
3	5235.600	107.25	-2.58	--	--	Peak	283.00	200	Horizontal	N/A
3**	5235.600	100.10	-2.58	--	--	AV	283.00	200	Horizontal	N/A
4	7447.925	50.27	-3.26	74.0	23.73	Peak	115.00	200	Horizontal	Pass
4**	7447.925	39.87	-3.26	54.0	14.13	AV	115.00	200	Horizontal	Pass
5	12605.388	53.38	1.91	74.0	20.62	Peak	167.00	100	Horizontal	Pass
5**	12605.388	43.61	1.91	54.0	10.39	AV	167.00	100	Horizontal	Pass
6	15619.125	55.53	1.61	74.0	18.47	Peak	356.00	100	Horizontal	Pass
6**	15619.125	46.92	1.61	54.0	7.08	AV	356.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.000	39.75	-16.96	74.0	34.25	Peak	94.00	400	Vertical	Pass
1**	1587.000	29.39	-16.96	54.0	24.61	AV	94.00	400	Vertical	Pass
2	4264.000	51.72	-4.56	74.0	22.28	Peak	290.00	300	Vertical	Pass
2**	4264.000	42.75	-4.56	54.0	11.25	AV	290.00	300	Vertical	Pass
3	5237.400	101.48	-2.53	--	--	Peak	280.00	200	Vertical	N/A
3**	5237.400	93.68	-2.53	--	--	AV	280.00	200	Vertical	N/A
4	7684.537	50.62	-2.49	74.0	23.38	Peak	193.00	400	Vertical	Pass
4**	7684.537	39.72	-2.49	54.0	14.28	AV	193.00	400	Vertical	Pass
5	12278.213	53.04	1.74	74.0	20.96	Peak	141.00	200	Vertical	Pass
5**	12278.213	44.27	1.74	54.0	9.73	AV	141.00	200	Vertical	Pass
6	16182.187	55.67	1.51	74.0	18.33	Peak	272.00	400	Vertical	Pass
6**	16182.187	46.14	1.51	54.0	7.86	AV	272.00	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	1540.100	40.25	-17.03	74.0	33.75	Peak	127.00	200	Horizontal	Pass
1**	1540.100	30.24	-17.03	54.0	23.76	AV	127.00	200	Horizontal	Pass
2	4264.400	53.08	-4.52	74.0	20.92	Peak	29.00	200	Horizontal	Pass
2**	4264.400	44.69	-4.52	54.0	9.31	AV	29.00	200	Horizontal	Pass
3	5188.400	107.86	-2.33	--	--	Peak	288.00	200	Horizontal	N/A
3**	5188.400	97.71	-2.33	--	--	AV	288.00	200	Horizontal	N/A
4	7345.575	50.42	-3.51	74.0	23.58	Peak	258.00	400	Horizontal	Pass
4**	7345.575	41.04	-3.51	54.0	12.96	AV	258.00	400	Horizontal	Pass
5	11940.400	52.83	1.68	74.0	21.17	Peak	258.00	200	Horizontal	Pass
5**	11940.400	43.44	1.68	54.0	10.56	AV	258.00	200	Horizontal	Pass
6	16089.525	55.73	1.44	74.0	18.27	Peak	360.00	300	Horizontal	Pass
6**	16089.525	47.90	1.44	54.0	6.10	AV	360.00	300	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	1584.800	39.54	-16.90	74.0	34.46	Peak	101.00	100	Vertical	Pass
1**	1584.800	30.07	-16.90	54.0	23.93	AV	101.00	100	Vertical	Pass
2	4264.400	51.46	-4.52	74.0	22.54	Peak	263.00	200	Vertical	Pass
2**	4264.400	43.39	-4.52	54.0	10.61	AV	263.00	200	Vertical	Pass
3	5197.400	103.00	-2.33	--	--	Peak	274.00	100	Vertical	N/A
3**	5197.400	93.90	-2.33	--	--	AV	274.00	100	Vertical	N/A
4	7340.400	49.60	-3.01	74.0	24.40	Peak	227.00	200	Vertical	Pass
4**	7340.400	40.95	-3.01	54.0	13.05	AV	227.00	200	Vertical	Pass
5	11940.975	53.42	1.66	74.0	20.58	Peak	91.00	100	Vertical	Pass
5**	11940.975	44.11	1.66	54.0	9.89	AV	91.00	100	Vertical	Pass
6	16103.175	56.60	1.06	74.0	17.40	Peak	231.00	400	Vertical	Pass
6**	16103.175	46.83	1.06	54.0	7.17	AV	231.00	400	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	1441.800	39.38	-17.08	74.0	34.62	Peak	82.00	200	Horizontal	Pass
1**	1441.800	29.66	-17.08	54.0	24.34	AV	82.00	200	Horizontal	Pass
2	4264.200	50.79	-4.54	74.0	23.21	Peak	166.00	400	Horizontal	Pass
2**	4264.200	41.99	-4.54	54.0	12.01	AV	166.00	400	Horizontal	Pass
3	5231.000	106.42	-2.54	--	--	Peak	278.00	200	Horizontal	N/A
3**	5231.000	98.50	-2.54	--	--	AV	278.00	200	Horizontal	N/A
4	7341.837	49.80	-3.15	74.0	24.20	Peak	3.00	300	Horizontal	Pass
4**	7341.837	41.05	-3.15	54.0	12.95	AV	3.00	300	Horizontal	Pass
5	12349.799	54.48	1.22	74.0	19.52	Peak	141.00	100	Horizontal	Pass
5**	12349.799	43.57	1.22	54.0	10.43	AV	141.00	100	Horizontal	Pass
6	16095.037	56.87	1.32	74.0	17.13	Peak	342.00	300	Horizontal	Pass
6**	16095.037	46.06	1.32	54.0	7.94	AV	342.00	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	1499.700	39.48	-16.99	74.0	34.52	Peak	107.00	100	Vertical	Pass
1**	1499.700	29.92	-16.99	54.0	24.08	AV	107.00	100	Vertical	Pass
2	4265.000	53.09	-4.46	74.0	20.91	Peak	326.00	200	Vertical	Pass
2**	4265.000	42.67	-4.46	54.0	11.33	AV	326.00	200	Vertical	Pass
3	5221.600	104.92	-2.69	--	--	Peak	272.00	200	Vertical	N/A
3**	5221.600	92.28	-2.69	--	--	AV	272.00	200	Vertical	N/A
4	7342.125	50.03	-3.19	74.0	23.97	Peak	140.00	400	Vertical	Pass
4**	7342.125	40.87	-3.19	54.0	13.13	AV	140.00	400	Vertical	Pass
5	12594.463	53.44	1.77	74.0	20.56	Peak	0.00	150	Vertical	Pass
5**	12594.463	43.54	1.77	54.0	10.46	AV	0.00	150	Vertical	Pass
6	16085.063	56.57	1.53	74.0	17.43	Peak	360.00	400	Vertical	Pass
6**	16085.063	46.59	1.53	54.0	7.41	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.700	39.11	-17.03	74.0	34.89	Peak	76.00	100	Horizontal	Pass
1**	1442.700	29.49	-17.03	54.0	24.51	AV	76.00	100	Horizontal	Pass
2	4264.800	50.61	-4.48	74.0	23.39	Peak	344.00	100	Horizontal	Pass
2**	4264.800	42.10	-4.48	54.0	11.90	AV	344.00	100	Horizontal	Pass
3	5256.800	108.06	-1.91	--	--	Peak	291.00	150	Horizontal	N/A
3**	5256.800	100.71	-1.91	--	--	AV	291.00	150	Horizontal	N/A
4	7361.388	50.01	-3.82	74.0	23.99	Peak	229.00	100	Horizontal	Pass
4**	7361.388	39.76	-3.82	54.0	14.24	AV	229.00	100	Horizontal	Pass
5	12096.800	53.25	0.53	74.0	20.75	Peak	212.00	100	Horizontal	Pass
5**	12096.800	44.85	0.53	54.0	9.15	AV	212.00	100	Horizontal	Pass
6	16086.375	56.70	1.50	74.0	17.30	Peak	153.00	400	Horizontal	Pass
6**	16086.375	46.65	1.50	54.0	7.35	AV	153.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1451.400	39.27	-17.03	74.0	34.73	Peak	235.00	300	Vertical	Pass
1**	1451.400	29.21	-17.03	54.0	24.79	AV	235.00	300	Vertical	Pass
2	4264.800	51.64	-4.48	74.0	22.36	Peak	332.00	200	Vertical	Pass
2**	4264.800	42.69	-4.48	54.0	11.31	AV	332.00	200	Vertical	Pass
3	5258.200	104.39	-1.77	--	--	Peak	278.00	200	Vertical	N/A
3**	5258.200	96.76	-1.77	--	--	AV	278.00	200	Vertical	N/A
4	7463.162	49.88	-3.59	74.0	24.12	Peak	0.00	300	Vertical	Pass
4**	7463.162	40.22	-3.59	54.0	13.78	AV	0.00	300	Vertical	Pass
5	12279.363	53.23	1.78	74.0	20.77	Peak	360.00	100	Vertical	Pass
5**	12279.363	44.44	1.78	54.0	9.56	AV	360.00	100	Vertical	Pass
6	15784.500	55.45	1.78	74.0	18.55	Peak	0.00	300	Vertical	Pass
6**	15784.500	46.34	1.78	54.0	7.66	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.500	39.18	-17.10	74.0	34.82	Peak	289.00	300	Horizontal	Pass
1**	1441.500	29.61	-17.10	54.0	24.39	AV	289.00	300	Horizontal	Pass
2	4381.000	50.39	-3.49	74.0	23.61	Peak	61.00	300	Horizontal	Pass
2**	4381.000	41.94	-3.49	54.0	12.06	AV	61.00	300	Horizontal	Pass
3	5301.200	107.43	-2.82	--	--	Peak	289.00	150	Horizontal	N/A
3**	5301.200	99.30	-2.82	--	--	AV	289.00	150	Horizontal	N/A
4	7338.962	49.77	-2.92	74.0	24.23	Peak	158.00	400	Horizontal	Pass
4**	7338.962	40.92	-2.92	54.0	13.08	AV	158.00	400	Horizontal	Pass
5	12400.687	53.20	1.56	74.0	20.80	Peak	40.00	200	Horizontal	Pass
5**	12400.687	44.23	1.56	54.0	9.77	AV	40.00	200	Horizontal	Pass
6	15663.487	55.46	1.32	74.0	18.54	Peak	113.00	400	Horizontal	Pass
6**	15663.487	45.87	1.32	54.0	8.13	AV	113.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.200	39.77	-16.88	74.0	34.23	Peak	61.00	200	Vertical	Pass
1**	1493.200	29.25	-16.88	54.0	24.75	AV	61.00	200	Vertical	Pass
2	4263.400	52.13	-4.62	74.0	21.87	Peak	282.00	300	Vertical	Pass
2**	4263.400	42.40	-4.62	54.0	11.60	AV	282.00	300	Vertical	Pass
3	5297.800	104.32	-2.83	--	--	Peak	282.00	150	Vertical	N/A
3**	5297.800	95.65	-2.83	--	--	AV	282.00	150	Vertical	N/A
4	7449.650	49.70	-3.22	74.0	24.30	Peak	245.00	200	Vertical	Pass
4**	7449.650	40.42	-3.22	54.0	13.58	AV	245.00	200	Vertical	Pass
5	12319.325	53.05	1.42	74.0	20.95	Peak	245.00	200	Vertical	Pass
5**	12319.325	43.97	1.42	54.0	10.03	AV	245.00	200	Vertical	Pass
6	15638.025	56.38	1.43	74.0	17.62	Peak	156.00	400	Vertical	Pass
6**	15638.025	46.19	1.43	54.0	7.81	AV	156.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.800	39.09	-17.11	74.0	34.91	Peak	139.00	100	Horizontal	Pass
1**	1573.800	29.47	-17.11	54.0	24.53	AV	139.00	100	Horizontal	Pass
2	4263.800	51.16	-4.58	74.0	22.84	Peak	29.00	300	Horizontal	Pass
2**	4263.800	41.74	-4.58	54.0	12.26	AV	29.00	300	Horizontal	Pass
3	5323.800	107.75	-1.87	--	--	Peak	281.00	100	Horizontal	N/A
3**	5323.800	100.69	-1.87	--	--	AV	281.00	100	Horizontal	N/A
4	7341.263	50.36	-3.09	74.0	23.64	Peak	7.00	200	Horizontal	Pass
4**	7341.263	41.21	-3.09	54.0	12.79	AV	7.00	200	Horizontal	Pass
5	12306.962	53.91	1.38	74.0	20.09	Peak	41.00	200	Horizontal	Pass
5**	12306.962	44.19	1.38	54.0	9.81	AV	41.00	200	Horizontal	Pass
6	16081.388	55.87	1.61	74.0	18.13	Peak	172.00	400	Horizontal	Pass
6**	16081.388	46.58	1.61	54.0	7.42	AV	172.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.600	39.67	-16.86	74.0	34.33	Peak	191.00	100	Vertical	Pass
1**	1504.600	30.31	-16.86	54.0	23.69	AV	191.00	100	Vertical	Pass
2	4264.200	51.48	-4.54	74.0	22.52	Peak	329.00	400	Vertical	Pass
2**	4264.200	43.17	-4.54	54.0	10.83	AV	329.00	400	Vertical	Pass
3	5317.600	103.46	-2.53	--	--	Peak	285.00	150	Vertical	N/A
3**	5317.600	95.63	-2.53	--	--	AV	285.00	150	Vertical	N/A
4	7290.375	49.47	-3.45	74.0	24.53	Peak	327.00	400	Vertical	Pass
4**	7290.375	40.15	-3.45	54.0	13.85	AV	327.00	400	Vertical	Pass
5	12417.651	53.90	1.40	74.0	20.10	Peak	45.00	100	Vertical	Pass
5**	12417.651	43.56	1.40	54.0	10.44	AV	45.00	100	Vertical	Pass
6	15797.888	55.68	2.26	74.0	18.32	Peak	196.00	300	Vertical	Pass
6**	15797.888	47.07	2.26	54.0	6.93	AV	196.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.900	39.78	-17.35	74.0	34.22	Peak	79.00	300	Horizontal	Pass
1**	1438.900	30.15	-17.35	54.0	23.85	AV	79.00	300	Horizontal	Pass
2	4264.200	51.06	-4.54	74.0	22.94	Peak	360.00	200	Horizontal	Pass
2**	4264.200	41.88	-4.54	54.0	12.12	AV	360.00	200	Horizontal	Pass
3	5257.600	108.57	-1.77	--	--	Peak	287.00	100	Horizontal	N/A
3**	5257.600	101.10	-1.77	--	--	AV	287.00	100	Horizontal	N/A
4	7349.600	50.72	-3.67	74.0	23.28	Peak	251.00	400	Horizontal	Pass
4**	7349.600	41.35	-3.67	54.0	12.65	AV	251.00	400	Horizontal	Pass
5	12614.875	53.05	1.88	74.0	20.95	Peak	332.00	150	Horizontal	Pass
5**	12614.875	43.86	1.88	54.0	10.14	AV	332.00	150	Horizontal	Pass
6	15792.113	56.08	2.08	74.0	17.92	Peak	0.00	200	Horizontal	Pass
6**	15792.113	46.94	2.08	54.0	7.06	AV	0.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.500	39.91	-17.15	74.0	34.09	Peak	138.00	100	Vertical	Pass
1**	1444.500	28.74	-17.15	54.0	25.26	AV	138.00	100	Vertical	Pass
2	4264.200	52.56	-4.54	74.0	21.44	Peak	322.00	300	Vertical	Pass
2**	4264.200	43.63	-4.54	54.0	10.37	AV	322.00	300	Vertical	Pass
3	5255.800	103.90	-2.14	--	--	Peak	276.00	100	Vertical	N/A
3**	5255.800	96.09	-2.14	--	--	AV	276.00	100	Vertical	N/A
4	7338.100	49.43	-2.89	74.0	24.57	Peak	137.00	200	Vertical	Pass
4**	7338.100	41.53	-2.89	54.0	12.47	AV	137.00	200	Vertical	Pass
5	11947.875	53.81	1.46	74.0	20.19	Peak	47.00	200	Vertical	Pass
5**	11947.875	43.61	1.46	54.0	10.39	AV	47.00	200	Vertical	Pass
6	15682.125	56.38	1.52	74.0	17.62	Peak	354.00	400	Vertical	Pass
6**	15682.125	47.31	1.52	54.0	6.69	AV	354.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.800	39.36	-17.15	74.0	34.64	Peak	74.00	300	Horizontal	Pass
1**	1440.800	30.21	-17.15	54.0	23.79	AV	74.00	300	Horizontal	Pass
2	4379.000	50.96	-3.36	74.0	23.04	Peak	85.00	400	Horizontal	Pass
2**	4379.000	41.38	-3.36	54.0	12.62	AV	85.00	400	Horizontal	Pass
3	5297.800	107.67	-2.83	--	--	Peak	286.00	200	Horizontal	N/A
3**	5297.800	100.43	-2.83	--	--	AV	286.00	200	Horizontal	N/A
4	7333.500	49.90	-3.12	74.0	24.10	Peak	236.00	100	Horizontal	Pass
4**	7333.500	40.74	-3.12	54.0	13.26	AV	236.00	100	Horizontal	Pass
5	11940.975	53.30	1.66	74.0	20.70	Peak	114.00	100	Horizontal	Pass
5**	11940.975	43.81	1.66	54.0	10.19	AV	114.00	100	Horizontal	Pass
6	16105.538	55.56	0.96	74.0	18.44	Peak	299.00	100	Horizontal	Pass
6**	16105.538	46.51	0.96	54.0	7.49	AV	299.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.500	39.39	-16.93	74.0	34.61	Peak	154.00	200	Vertical	Pass
1**	1507.500	29.61	-16.93	54.0	24.39	AV	154.00	200	Vertical	Pass
2	4264.000	51.73	-4.56	74.0	22.27	Peak	274.00	400	Vertical	Pass
2**	4264.000	42.78	-4.56	54.0	11.22	AV	274.00	400	Vertical	Pass
3	5298.400	104.07	-2.87	--	--	Peak	287.00	200	Vertical	N/A
3**	5298.400	96.27	-2.87	--	--	AV	287.00	200	Vertical	N/A
4	7338.100	49.59	-2.89	74.0	24.41	Peak	70.00	400	Vertical	Pass
4**	7338.100	41.22	-2.89	54.0	12.78	AV	70.00	400	Vertical	Pass
5	11912.513	53.56	1.51	74.0	20.44	Peak	239.00	150	Vertical	Pass
5**	11912.513	43.88	1.51	54.0	10.12	AV	239.00	150	Vertical	Pass
6	15661.650	55.59	1.29	74.0	18.41	Peak	37.00	400	Vertical	Pass
6**	15661.650	45.89	1.29	54.0	8.11	AV	37.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1446.600	39.43	-17.20	74.0	34.57	Peak	272.00	100	Horizontal	Pass
1**	1446.600	29.39	-17.20	54.0	24.61	AV	272.00	100	Horizontal	Pass
2	4264.400	50.75	-4.52	74.0	23.25	Peak	4.00	300	Horizontal	Pass
2**	4264.400	41.99	-4.52	54.0	12.01	AV	4.00	300	Horizontal	Pass
3	5322.800	107.74	-1.90	--	--	Peak	276.00	150	Horizontal	N/A
3**	5322.800	100.60	-1.90	--	--	AV	276.00	150	Horizontal	N/A
4	7355.925	49.77	-3.80	74.0	24.23	Peak	293.00	300	Horizontal	Pass
4**	7355.925	40.87	-3.80	54.0	13.13	AV	293.00	300	Horizontal	Pass
5	12058.563	53.12	0.96	74.0	20.88	Peak	173.00	200	Horizontal	Pass
5**	12058.563	43.39	0.96	54.0	10.61	AV	173.00	200	Horizontal	Pass
6	15817.838	56.21	1.96	74.0	17.79	Peak	340.00	400	Horizontal	Pass
6**	15817.838	46.23	1.96	54.0	7.77	AV	340.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.500	40.46	-17.03	74.0	33.54	Peak	102.00	100	Vertical	Pass
1**	1499.500	29.69	-17.03	54.0	24.31	AV	102.00	100	Vertical	Pass
2	4264.200	51.92	-4.54	74.0	22.08	Peak	267.00	100	Vertical	Pass
2**	4264.200	42.51	-4.54	54.0	11.49	AV	267.00	100	Vertical	Pass
3	5324.400	103.76	-1.97	--	--	Peak	267.00	200	Vertical	N/A
3**	5324.400	95.70	-1.97	--	--	AV	267.00	200	Vertical	N/A
4	7279.737	50.34	-3.03	74.0	23.66	Peak	71.00	200	Vertical	Pass
4**	7279.737	41.07	-3.03	54.0	12.93	AV	71.00	200	Vertical	Pass
5	12231.349	53.37	1.26	74.0	20.63	Peak	33.00	200	Vertical	Pass
5**	12231.349	43.85	1.26	54.0	10.15	AV	33.00	200	Vertical	Pass
6	16181.925	55.75	1.51	74.0	18.25	Peak	121.00	100	Vertical	Pass
6**	16181.925	46.28	1.51	54.0	7.72	AV	121.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.400	40.09	-16.92	74.0	33.91	Peak	315.00	200	Horizontal	Pass
1**	1536.400	30.09	-16.92	54.0	23.91	AV	315.00	200	Horizontal	Pass
2	4263.800	50.06	-4.58	74.0	23.94	Peak	19.00	300	Horizontal	Pass
2**	4263.800	41.29	-4.58	54.0	12.71	AV	19.00	300	Horizontal	Pass
3	5279.200	104.81	-2.54	--	--	Peak	268.00	200	Horizontal	N/A
3**	5279.200	96.77	-2.54	--	--	AV	268.00	200	Horizontal	N/A
4	7399.912	49.84	-4.01	74.0	24.16	Peak	51.00	100	Horizontal	Pass
4**	7399.912	41.15	-4.01	54.0	12.85	AV	51.00	100	Horizontal	Pass
5	12415.062	53.17	1.41	74.0	20.83	Peak	195.00	100	Horizontal	Pass
5**	12415.062	43.49	1.41	54.0	10.51	AV	195.00	100	Horizontal	Pass
6	16079.813	55.88	1.64	74.0	18.12	Peak	169.00	400	Horizontal	Pass
6**	16079.813	47.04	1.64	54.0	6.96	AV	169.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1537.000	39.61	-16.94	74.0	34.39	Peak	158.00	400	Vertical	Pass
1**	1537.000	29.76	-16.94	54.0	24.24	AV	158.00	400	Vertical	Pass
2	4264.400	51.90	-4.52	74.0	22.10	Peak	227.00	300	Vertical	Pass
2**	4264.400	44.16	-4.52	54.0	9.84	AV	227.00	300	Vertical	Pass
3	5279.000	100.51	-2.50	--	--	Peak	262.00	100	Vertical	N/A
3**	5279.000	92.36	-2.50	--	--	AV	262.00	100	Vertical	N/A
4	7379.788	50.02	-3.47	74.0	23.98	Peak	101.00	100	Vertical	Pass
4**	7379.788	40.68	-3.47	54.0	13.32	AV	101.00	100	Vertical	Pass
5	12287.126	53.25	1.73	74.0	20.75	Peak	137.00	200	Vertical	Pass
5**	12287.126	43.97	1.73	54.0	10.03	AV	137.00	200	Vertical	Pass
6	15969.825	56.07	0.41	74.0	17.93	Peak	214.00	200	Vertical	Pass
6**	15969.825	46.71	0.41	54.0	7.29	AV	214.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1435.300	39.29	-17.33	74.0	34.71	Peak	111.00	300	Horizontal	Pass
1**	1435.300	29.50	-17.33	54.0	24.50	AV	111.00	300	Horizontal	Pass
2	4264.200	51.49	-4.54	74.0	22.51	Peak	340.00	400	Horizontal	Pass
2**	4264.200	42.01	-4.54	54.0	11.99	AV	340.00	400	Horizontal	Pass
3	5315.200	104.22	-2.41	--	--	Peak	277.00	100	Horizontal	N/A
3**	5315.200	96.47	-2.41	--	--	AV	277.00	100	Horizontal	N/A
4	7337.525	49.92	-2.90	74.0	24.08	Peak	102.00	200	Horizontal	Pass
4**	7337.525	41.92	-2.90	54.0	12.08	AV	102.00	200	Horizontal	Pass
5	11950.175	53.66	1.39	74.0	20.34	Peak	208.00	200	Horizontal	Pass
5**	11950.175	44.88	1.39	54.0	9.12	AV	208.00	200	Horizontal	Pass
6	15814.688	56.54	2.07	74.0	17.46	Peak	203.00	200	Horizontal	Pass
6**	15814.688	47.06	2.07	54.0	6.94	AV	203.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.400	39.43	-16.89	74.0	34.57	Peak	86.00	200	Vertical	Pass
1**	1492.400	29.39	-16.89	54.0	24.61	AV	86.00	200	Vertical	Pass
2	4264.200	51.99	-4.54	74.0	22.01	Peak	272.00	200	Vertical	Pass
2**	4264.200	43.19	-4.54	54.0	10.81	AV	272.00	200	Vertical	Pass
3	5306.200	100.89	-2.54	--	--	Peak	261.00	100	Vertical	N/A
3**	5306.200	93.03	-2.54	--	--	AV	261.00	100	Vertical	N/A
4	7402.500	50.25	-3.80	74.0	23.75	Peak	287.00	100	Vertical	Pass
4**	7402.500	40.49	-3.80	54.0	13.51	AV	287.00	100	Vertical	Pass
5	12611.138	53.46	1.89	74.0	20.54	Peak	231.00	150	Vertical	Pass
5**	12611.138	44.03	1.89	54.0	9.97	AV	231.00	150	Vertical	Pass
6	15773.475	55.78	1.21	74.0	18.22	Peak	204.00	300	Vertical	Pass
6**	15773.475	45.93	1.21	54.0	8.07	AV	204.00	300	Vertical	Pass

11ax40 (SU), U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.700	40.10	-16.81	74.0	33.90	Peak	179.00	100	Horizontal	Pass
1**	1585.700	30.28	-16.81	54.0	23.72	AV	179.00	100	Horizontal	Pass
2	4264.800	50.44	-4.48	74.0	23.56	Peak	163.00	200	Horizontal	Pass
2**	4264.800	41.84	-4.48	54.0	12.16	AV	163.00	200	Horizontal	Pass
3	5265.600	105.67	-2.61	--	--	Peak	285.00	150	Horizontal	N/A
3**	5265.600	96.69	-2.61	--	--	AV	285.00	150	Horizontal	N/A
4	7340.687	50.05	-3.04	74.0	23.95	Peak	360.00	100	Horizontal	Pass
4**	7340.687	41.41	-3.04	54.0	12.59	AV	360.00	100	Horizontal	Pass
5	12281.950	52.94	1.79	74.0	21.06	Peak	201.00	150	Horizontal	Pass
5**	12281.950	45.16	1.79	54.0	8.84	AV	201.00	150	Horizontal	Pass
6	16098.975	56.46	1.23	74.0	17.54	Peak	185.00	200	Horizontal	Pass
6**	16098.975	46.85	1.23	54.0	7.15	AV	185.00	200	Horizontal	Pass

11ax40 (SU), U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.100	39.57	-17.04	74.0	34.43	Peak	90.00	200	Vertical	Pass
1**	1611.100	29.65	-17.04	54.0	24.35	AV	90.00	200	Vertical	Pass
2	4264.400	51.94	-4.52	74.0	22.06	Peak	319.00	200	Vertical	Pass
2**	4264.400	42.94	-4.52	54.0	11.06	AV	319.00	200	Vertical	Pass
3	5283.400	100.19	-2.64	--	--	Peak	263.00	100	Vertical	N/A
3**	5283.400	92.12	-2.64	--	--	AV	263.00	100	Vertical	N/A
4	7340.975	49.90	-3.07	74.0	24.10	Peak	225.00	300	Vertical	Pass
4**	7340.975	41.06	-3.07	54.0	12.94	AV	225.00	300	Vertical	Pass
5	12610.850	53.16	1.89	74.0	20.84	Peak	313.00	150	Vertical	Pass
5**	12610.850	44.31	1.89	54.0	9.69	AV	313.00	150	Vertical	Pass
6	16033.087	56.64	0.74	74.0	17.36	Peak	0.00	400	Vertical	Pass
6**	16033.087	47.87	0.74	54.0	6.13	AV	0.00	400	Vertical	Pass

11ax40 (SU), U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1436.700	40.06	-17.27	74.0	33.94	Peak	118.00	400	Horizontal	Pass
1**	1436.700	29.25	-17.27	54.0	24.75	AV	118.00	400	Horizontal	Pass
2	4265.000	51.26	-4.46	74.0	22.74	Peak	330.00	100	Horizontal	Pass
2**	4265.000	42.36	-4.46	54.0	11.64	AV	330.00	100	Horizontal	Pass
3	5308.400	106.28	-2.28	--	--	Peak	285.00	150	Horizontal	N/A
3**	5308.400	98.36	-2.28	--	--	AV	285.00	150	Horizontal	N/A
4	7390.425	50.21	-3.92	74.0	23.79	Peak	133.00	400	Horizontal	Pass
4**	7390.425	40.66	-3.92	54.0	13.34	AV	133.00	400	Horizontal	Pass
5	12622.638	53.36	1.69	74.0	20.64	Peak	0.00	200	Horizontal	Pass
5**	12622.638	44.19	1.69	54.0	9.81	AV	0.00	200	Horizontal	Pass
6	15848.549	55.50	1.34	74.0	18.50	Peak	89.00	100	Horizontal	Pass
6**	15848.549	46.54	1.34	54.0	7.46	AV	89.00	100	Horizontal	Pass

11ax40 (SU), U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.600	39.93	-16.85	74.0	34.07	Peak	96.00	300	Vertical	Pass
1**	1495.600	29.56	-16.85	54.0	24.44	AV	96.00	300	Vertical	Pass
2	4264.800	51.59	-4.48	74.0	22.41	Peak	253.00	400	Vertical	Pass
2**	4264.800	41.66	-4.48	54.0	12.34	AV	253.00	400	Vertical	Pass
3	5316.200	102.46	-2.54	--	--	Peak	275.00	100	Vertical	N/A
3**	5316.200	91.78	-2.54	--	--	AV	275.00	100	Vertical	N/A
4	7452.812	49.80	-3.24	74.0	24.20	Peak	14.00	100	Vertical	Pass
4**	7452.812	40.71	-3.24	54.0	13.29	AV	14.00	100	Vertical	Pass
5	12240.838	53.58	1.06	74.0	20.42	Peak	179.00	150	Vertical	Pass
5**	12240.838	43.52	1.06	54.0	10.48	AV	179.00	150	Vertical	Pass
6	15804.188	56.16	2.28	74.0	17.84	Peak	76.00	400	Vertical	Pass
6**	15804.188	46.71	2.28	54.0	7.29	AV	76.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.000	39.20	-17.14	74.0	34.80	Peak	99.00	300	Horizontal	Pass
1**	1542.000	29.80	-17.14	54.0	24.20	AV	99.00	300	Horizontal	Pass
2	4264.200	52.65	-4.54	74.0	21.35	Peak	15.00	400	Horizontal	Pass
2**	4264.200	42.05	-4.54	54.0	11.95	AV	15.00	400	Horizontal	Pass
3	5493.400	109.01	-1.69	--	--	Peak	277.00	100	Horizontal	N/A
3**	5493.400	101.34	-1.69	--	--	AV	277.00	100	Horizontal	N/A
4	7468.050	49.89	-3.30	74.0	24.11	Peak	255.00	400	Horizontal	Pass
4**	7468.050	40.14	-3.30	54.0	13.86	AV	255.00	400	Horizontal	Pass
5	12320.474	53.58	1.42	74.0	20.42	Peak	151.00	150	Horizontal	Pass
5**	12320.474	43.55	1.42	54.0	10.45	AV	151.00	150	Horizontal	Pass
6	15660.075	56.06	1.27	74.0	17.94	Peak	154.00	400	Horizontal	Pass
6**	15660.075	46.62	1.27	54.0	7.38	AV	154.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1474.700	38.83	-17.39	74.0	35.17	Peak	315.00	400	Vertical	Pass
1**	1474.700	29.63	-17.39	54.0	24.37	AV	315.00	400	Vertical	Pass
2	4263.600	52.05	-4.60	74.0	21.95	Peak	318.00	400	Vertical	Pass
2**	4263.600	42.29	-4.60	54.0	11.71	AV	318.00	400	Vertical	Pass
3	5506.800	104.44	-0.98	--	--	Peak	262.00	200	Vertical	N/A
3**	5506.800	96.66	-0.98	--	--	AV	262.00	200	Vertical	N/A
4	7340.975	49.91	-3.07	74.0	24.09	Peak	227.00	300	Vertical	Pass
4**	7340.975	41.20	-3.07	54.0	12.80	AV	227.00	300	Vertical	Pass
5	12609.988	53.30	1.89	74.0	20.70	Peak	50.00	150	Vertical	Pass
5**	12609.988	44.73	1.89	54.0	9.27	AV	50.00	150	Vertical	Pass
6	16162.763	55.94	0.99	74.0	18.06	Peak	55.00	300	Vertical	Pass
6**	16162.763	46.25	0.99	54.0	7.75	AV	55.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.800	39.51	-16.72	74.0	34.49	Peak	178.00	200	Horizontal	Pass
1**	1489.800	29.62	-16.72	54.0	24.38	AV	178.00	200	Horizontal	Pass
2	4264.800	51.12	-4.48	74.0	22.88	Peak	342.00	400	Horizontal	Pass
2**	4264.800	42.67	-4.48	54.0	11.33	AV	342.00	400	Horizontal	Pass
3	5587.200	108.15	-1.76	--	--	Peak	261.00	200	Horizontal	N/A
3**	5587.200	100.33	-1.76	--	--	AV	261.00	200	Horizontal	N/A
4	7442.175	50.07	-3.37	74.0	23.93	Peak	85.00	300	Horizontal	Pass
4**	7442.175	40.35	-3.37	54.0	13.65	AV	85.00	300	Horizontal	Pass
5	12279.650	52.95	1.79	74.0	21.05	Peak	85.00	150	Horizontal	Pass
5**	12279.650	43.90	1.79	54.0	10.10	AV	85.00	150	Horizontal	Pass
6	15815.474	55.40	2.04	74.0	18.60	Peak	277.00	200	Horizontal	Pass
6**	15815.474	46.73	2.04	54.0	7.27	AV	277.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.000	38.92	-16.77	74.0	35.08	Peak	335.00	200	Vertical	Pass
1**	1487.000	29.88	-16.77	54.0	24.12	AV	335.00	200	Vertical	Pass
2	4264.800	51.31	-4.48	74.0	22.69	Peak	268.00	200	Vertical	Pass
2**	4264.800	42.20	-4.48	54.0	11.80	AV	268.00	200	Vertical	Pass
3	5577.600	105.09	-1.80	--	--	Peak	258.00	100	Vertical	N/A
3**	5577.600	98.36	-1.80	--	--	AV	258.00	100	Vertical	N/A
4	7351.900	50.06	-3.77	74.0	23.94	Peak	163.00	300	Vertical	Pass
4**	7351.900	40.51	-3.77	54.0	13.49	AV	163.00	300	Vertical	Pass
5	12324.500	53.44	1.42	74.0	20.56	Peak	278.00	200	Vertical	Pass
5**	12324.500	44.58	1.42	54.0	9.42	AV	278.00	200	Vertical	Pass
6	16032.562	56.33	0.73	74.0	17.67	Peak	158.00	200	Vertical	Pass
6**	16032.562	47.07	0.73	54.0	6.93	AV	158.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.500	39.45	-16.67	74.0	34.55	Peak	45.00	400	Horizontal	Pass
1**	1485.500	29.56	-16.67	54.0	24.44	AV	45.00	400	Horizontal	Pass
2	4265.000	51.38	-4.46	74.0	22.62	Peak	7.00	200	Horizontal	Pass
2**	4265.000	41.93	-4.46	54.0	12.07	AV	7.00	200	Horizontal	Pass
3	5699.400	107.48	-0.95	--	--	Peak	259.00	150	Horizontal	N/A
3**	5699.400	100.33	-0.95	--	--	AV	259.00	150	Horizontal	N/A
4	7380.650	50.05	-3.44	74.0	23.95	Peak	305.00	300	Horizontal	Pass
4**	7380.650	40.43	-3.44	54.0	13.57	AV	305.00	300	Horizontal	Pass
5	12390.625	53.49	1.57	74.0	20.51	Peak	271.00	100	Horizontal	Pass
5**	12390.625	44.23	1.57	54.0	9.77	AV	271.00	100	Horizontal	Pass
6	16196.100	57.26	1.59	74.0	16.74	Peak	205.00	100	Horizontal	Pass
6**	16196.100	46.13	1.59	54.0	7.87	AV	205.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.400	39.10	-17.06	74.0	34.90	Peak	104.00	400	Vertical	Pass
1**	1497.400	29.86	-17.06	54.0	24.14	AV	104.00	400	Vertical	Pass
2	4264.200	52.26	-4.54	74.0	21.74	Peak	263.00	100	Vertical	Pass
2**	4264.200	43.10	-4.54	54.0	10.90	AV	263.00	100	Vertical	Pass
3	5694.200	102.96	-1.14	--	--	Peak	253.00	150	Vertical	N/A
3**	5694.200	95.54	-1.14	--	--	AV	253.00	150	Vertical	N/A
4	7338.962	49.74	-2.92	74.0	24.26	Peak	257.00	400	Vertical	Pass
4**	7338.962	41.02	-2.92	54.0	12.98	AV	257.00	400	Vertical	Pass
5	11823.963	52.95	1.12	74.0	21.05	Peak	329.00	150	Vertical	Pass
5**	11823.963	42.83	1.12	54.0	11.17	AV	329.00	150	Vertical	Pass
6	15846.450	56.09	1.36	74.0	17.91	Peak	123.00	200	Vertical	Pass
6**	15846.450	47.02	1.36	54.0	6.98	AV	123.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1447.500	39.26	-17.19	74.0	34.74	Peak	78.00	100	Horizontal	Pass
1**	1447.500	29.41	-17.19	54.0	24.59	AV	78.00	100	Horizontal	Pass
2	4264.800	51.84	-4.48	74.0	22.16	Peak	340.00	200	Horizontal	Pass
2**	4264.800	42.55	-4.48	54.0	11.45	AV	340.00	200	Horizontal	Pass
3	5505.800	108.59	-1.04	--	--	Peak	275.00	200	Horizontal	N/A
3**	5505.800	100.53	-1.04	--	--	AV	275.00	200	Horizontal	N/A
4	7332.638	49.95	-3.21	74.0	24.05	Peak	119.00	300	Horizontal	Pass
4**	7332.638	41.33	-3.21	54.0	12.67	AV	119.00	300	Horizontal	Pass
5	12320.474	53.43	1.42	74.0	20.57	Peak	240.00	150	Horizontal	Pass
5**	12320.474	45.14	1.42	54.0	8.86	AV	240.00	150	Horizontal	Pass
6	15823.088	55.90	1.73	74.0	18.10	Peak	79.00	200	Horizontal	Pass
6**	15823.088	45.96	1.73	54.0	8.04	AV	79.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.900	39.14	-17.30	74.0	34.86	Peak	245.00	200	Vertical	Pass
1**	1461.900	29.46	-17.30	54.0	24.54	AV	245.00	200	Vertical	Pass
2	4263.400	52.72	-4.62	74.0	21.28	Peak	263.00	400	Vertical	Pass
2**	4263.400	42.04	-4.62	54.0	11.96	AV	263.00	400	Vertical	Pass
3	5507.800	104.58	-0.95	--	--	Peak	263.00	150	Vertical	N/A
3**	5507.800	96.27	-0.95	--	--	AV	263.00	150	Vertical	N/A
4	7448.212	49.87	-3.27	74.0	24.13	Peak	263.00	200	Vertical	Pass
4**	7448.212	41.11	-3.27	54.0	12.89	AV	263.00	200	Vertical	Pass
5	12424.263	53.31	1.43	74.0	20.69	Peak	303.00	150	Vertical	Pass
5**	12424.263	44.29	1.43	54.0	9.71	AV	303.00	150	Vertical	Pass
6	16065.901	55.92	1.18	74.0	18.08	Peak	69.00	300	Vertical	Pass
6**	16065.901	46.89	1.18	54.0	7.11	AV	69.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.900	39.70	-16.95	74.0	34.30	Peak	0.00	300	Horizontal	Pass
1**	1540.900	30.09	-16.95	54.0	23.91	AV	0.00	300	Horizontal	Pass
2	4263.800	50.79	-4.58	74.0	23.21	Peak	20.00	300	Horizontal	Pass
2**	4263.800	42.80	-4.58	54.0	11.20	AV	20.00	300	Horizontal	Pass
3	5586.600	110.20	-1.74	--	--	Peak	276.00	100	Horizontal	N/A
3**	5586.600	102.39	-1.74	--	--	AV	276.00	100	Horizontal	N/A
4	7337.238	50.99	-2.96	74.0	23.01	Peak	272.00	100	Horizontal	Pass
4**	7337.238	41.61	-2.96	54.0	12.39	AV	272.00	100	Horizontal	Pass
5	11515.187	53.36	-0.34	74.0	20.64	Peak	153.00	200	Horizontal	Pass
5**	11515.187	43.33	-0.34	54.0	10.67	AV	153.00	200	Horizontal	Pass
6	15834.900	56.44	1.45	74.0	17.56	Peak	360.00	100	Horizontal	Pass
6**	15834.900	46.27	1.45	54.0	7.73	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.200	39.47	-17.14	74.0	34.53	Peak	156.00	100	Vertical	Pass
1**	1583.200	29.89	-17.14	54.0	24.11	AV	156.00	100	Vertical	Pass
2	4264.400	52.11	-4.52	74.0	21.89	Peak	320.00	400	Vertical	Pass
2**	4264.400	42.32	-4.52	54.0	11.68	AV	320.00	400	Vertical	Pass
3	5577.800	104.90	-1.73	--	--	Peak	265.00	150	Vertical	N/A
3**	5577.800	97.01	-1.73	--	--	AV	265.00	150	Vertical	N/A
4	7339.825	50.36	-2.95	74.0	23.64	Peak	202.00	300	Vertical	Pass
4**	7339.825	41.42	-2.95	54.0	12.58	AV	202.00	300	Vertical	Pass
5	12684.162	53.43	0.85	74.0	20.57	Peak	80.00	150	Vertical	Pass
5**	12684.162	43.27	0.85	54.0	10.73	AV	80.00	150	Vertical	Pass
6	15799.200	55.82	2.31	74.0	18.18	Peak	0.00	400	Vertical	Pass
6**	15799.200	46.82	2.31	54.0	7.18	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.500	39.90	-17.34	74.0	34.10	Peak	75.00	400	Horizontal	Pass
1**	1438.500	29.55	-17.34	54.0	24.45	AV	75.00	400	Horizontal	Pass
2	4264.000	51.57	-4.56	74.0	22.43	Peak	6.00	400	Horizontal	Pass
2**	4264.000	42.04	-4.56	54.0	11.96	AV	6.00	400	Horizontal	Pass
3	5707.400	108.53	-2.02	--	--	Peak	267.00	100	Horizontal	N/A
3**	5707.400	100.79	-2.02	--	--	AV	267.00	100	Horizontal	N/A
4	7345.000	50.39	-3.49	74.0	23.61	Peak	180.00	400	Horizontal	Pass
4**	7345.000	40.89	-3.49	54.0	13.11	AV	180.00	400	Horizontal	Pass
5	12399.537	54.12	1.58	74.0	19.88	Peak	105.00	100	Horizontal	Pass
5**	12399.537	43.98	1.58	54.0	10.02	AV	105.00	100	Horizontal	Pass
6	16077.450	56.12	1.59	74.0	17.88	Peak	0.00	400	Horizontal	Pass
6**	16077.450	46.06	1.59	54.0	7.94	AV	0.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.500	39.56	-17.19	74.0	34.44	Peak	229.00	200	Vertical	Pass
1**	1515.500	29.51	-17.19	54.0	24.49	AV	229.00	200	Vertical	Pass
2	4264.800	51.92	-4.48	74.0	22.08	Peak	277.00	100	Vertical	Pass
2**	4264.800	42.91	-4.48	54.0	11.09	AV	277.00	100	Vertical	Pass
3	5706.000	104.91	-1.81	--	--	Peak	266.00	100	Vertical	N/A
3**	5706.000	97.28	-1.81	--	--	AV	266.00	100	Vertical	N/A
4	7726.225	49.61	-2.47	74.0	24.39	Peak	355.00	100	Vertical	Pass
4**	7726.225	40.24	-2.47	54.0	13.76	AV	355.00	100	Vertical	Pass
5	12277.063	53.72	1.69	74.0	20.28	Peak	147.00	200	Vertical	Pass
5**	12277.063	44.93	1.69	54.0	9.07	AV	147.00	200	Vertical	Pass
6	16177.200	55.41	1.40	74.0	18.59	Peak	285.00	100	Vertical	Pass
6**	16177.200	46.58	1.40	54.0	7.42	AV	285.00	100	Vertical	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.600	40.31	-17.04	74.0	33.69	Peak	103.00	400	Horizontal	Pass
1**	1587.600	29.76	-17.04	54.0	24.24	AV	103.00	400	Horizontal	Pass
2	4263.800	51.85	-4.58	74.0	22.15	Peak	17.00	200	Horizontal	Pass
2**	4263.800	42.41	-4.58	54.0	11.59	AV	17.00	200	Horizontal	Pass
3	5493.800	109.71	-1.67	--	--	Peak	271.00	150	Horizontal	N/A
3**	5493.800	100.94	-1.67	--	--	AV	271.00	150	Horizontal	N/A
4	7378.062	50.18	-3.46	74.0	23.82	Peak	173.00	200	Horizontal	Pass
4**	7378.062	40.65	-3.46	54.0	13.35	AV	173.00	200	Horizontal	Pass
5	12599.349	53.15	1.89	74.0	20.85	Peak	260.00	150	Horizontal	Pass
5**	12599.349	44.67	1.89	54.0	9.33	AV	260.00	150	Horizontal	Pass
6	16110.000	55.91	0.77	74.0	18.09	Peak	121.00	400	Horizontal	Pass
6**	16110.000	46.36	0.77	54.0	7.64	AV	121.00	400	Horizontal	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	41.42	-16.94	74.0	32.58	Peak	101.00	400	Vertical	Pass
1**	1500.000	29.61	-16.94	54.0	24.39	AV	101.00	400	Vertical	Pass
2	4264.600	52.71	-4.50	74.0	21.29	Peak	270.00	200	Vertical	Pass
2**	4264.600	43.73	-4.50	54.0	10.27	AV	270.00	200	Vertical	Pass
3	5502.600	105.15	-1.37	--	--	Peak	259.00	200	Vertical	N/A
3**	5502.600	96.54	-1.37	--	--	AV	259.00	200	Vertical	N/A
4	7343.563	50.14	-3.39	74.0	23.86	Peak	233.00	400	Vertical	Pass
4**	7343.563	42.11	-3.39	54.0	11.89	AV	233.00	400	Vertical	Pass
5	12562.838	53.08	1.70	74.0	20.92	Peak	233.00	100	Vertical	Pass
5**	12562.838	43.15	1.70	54.0	10.85	AV	233.00	100	Vertical	Pass
6	16086.901	55.95	1.49	74.0	18.05	Peak	100.00	300	Vertical	Pass
6**	16086.901	46.62	1.49	54.0	7.38	AV	100.00	300	Vertical	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1436.200	38.90	-17.29	74.0	35.10	Peak	293.00	300	Horizontal	Pass
1**	1436.200	29.36	-17.29	54.0	24.64	AV	293.00	300	Horizontal	Pass
2	4264.600	50.72	-4.50	74.0	23.28	Peak	18.00	400	Horizontal	Pass
2**	4264.600	42.74	-4.50	54.0	11.26	AV	18.00	400	Horizontal	Pass
3	5576.800	108.05	-2.06	--	--	Peak	264.00	200	Horizontal	N/A
3**	5576.800	99.24	-2.06	--	--	AV	264.00	200	Horizontal	N/A
4	7328.325	50.05	-3.50	74.0	23.95	Peak	298.00	300	Horizontal	Pass
4**	7328.325	40.93	-3.50	54.0	13.07	AV	298.00	300	Horizontal	Pass
5	11949.312	53.37	1.42	74.0	20.63	Peak	351.00	100	Horizontal	Pass
5**	11949.312	43.66	1.42	54.0	10.34	AV	351.00	100	Horizontal	Pass
6	16076.925	56.03	1.58	74.0	17.97	Peak	283.00	400	Horizontal	Pass
6**	16076.925	47.10	1.58	54.0	6.90	AV	283.00	400	Horizontal	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1564.600	38.93	-17.29	74.0	35.07	Peak	4.00	100	Vertical	Pass
1**	1564.600	29.70	-17.29	54.0	24.30	AV	4.00	100	Vertical	Pass
2	4264.600	51.66	-4.50	74.0	22.34	Peak	244.00	300	Vertical	Pass
2**	4264.600	43.23	-4.50	54.0	10.77	AV	244.00	300	Vertical	Pass
3	5583.800	106.24	-1.88	--	--	Peak	263.00	150	Vertical	N/A
3**	5583.800	97.26	-1.88	--	--	AV	263.00	150	Vertical	N/A
4	7307.913	49.77	-3.34	74.0	24.23	Peak	360.00	100	Vertical	Pass
4**	7307.913	39.65	-3.34	54.0	14.35	AV	360.00	100	Vertical	Pass
5	12234.225	53.29	1.18	74.0	20.71	Peak	97.00	150	Vertical	Pass
5**	12234.225	43.34	1.18	54.0	10.66	AV	97.00	150	Vertical	Pass
6	15798.412	56.08	2.28	74.0	17.92	Peak	31.00	300	Vertical	Pass
6**	15798.412	46.58	2.28	54.0	7.42	AV	31.00	300	Vertical	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.400	38.78	-16.80	74.0	35.22	Peak	158.00	150	Horizontal	Pass
1**	1488.400	29.68	-16.80	54.0	24.32	AV	158.00	150	Horizontal	Pass
2	4264.600	51.46	-4.50	74.0	22.54	Peak	0.00	100	Horizontal	Pass
2**	4264.600	42.12	-4.50	54.0	11.88	AV	0.00	100	Horizontal	Pass
3	5706.000	108.23	-1.81	--	--	Peak	265.00	100	Horizontal	N/A
3**	5706.000	100.12	-1.81	--	--	AV	265.00	100	Horizontal	N/A
4	7324.013	50.59	-3.41	74.0	23.41	Peak	360.00	400	Horizontal	Pass
4**	7324.013	40.99	-3.41	54.0	13.01	AV	360.00	400	Horizontal	Pass
5	12283.388	53.10	1.78	74.0	20.90	Peak	200.00	150	Horizontal	Pass
5**	12283.388	43.89	1.78	54.0	10.11	AV	200.00	150	Horizontal	Pass
6	16039.388	55.42	0.79	74.0	18.58	Peak	48.00	400	Horizontal	Pass
6**	16039.388	46.75	0.79	54.0	7.25	AV	48.00	400	Horizontal	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.300	40.14	-17.46	74.0	33.86	Peak	106.00	300	Vertical	Pass
1**	1613.300	30.80	-17.46	54.0	23.20	AV	106.00	300	Vertical	Pass
2	4264.400	51.94	-4.52	74.0	22.06	Peak	254.00	300	Vertical	Pass
2**	4264.400	42.84	-4.52	54.0	11.16	AV	254.00	300	Vertical	Pass
3	5694.800	105.59	-1.13	--	--	Peak	265.00	150	Vertical	N/A
3**	5694.800	94.85	-1.13	--	--	AV	265.00	150	Vertical	N/A
4	7340.687	50.06	-3.04	74.0	23.94	Peak	150.00	400	Vertical	Pass
4**	7340.687	40.58	-3.04	54.0	13.42	AV	150.00	400	Vertical	Pass
5	12320.763	53.47	1.42	74.0	20.53	Peak	254.00	150	Vertical	Pass
5**	12320.763	43.91	1.42	54.0	10.09	AV	254.00	150	Vertical	Pass
6	16181.925	55.67	1.51	74.0	18.33	Peak	180.00	400	Vertical	Pass
6**	16181.925	47.19	1.51	54.0	6.81	AV	180.00	400	Vertical	Pass

11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.900	39.12	-17.08	74.0	34.88	Peak	33.00	200	Horizontal	Pass
1**	1528.900	29.02	-17.08	54.0	24.98	AV	33.00	200	Horizontal	Pass
2	4264.000	51.62	-4.56	74.0	22.38	Peak	39.00	300	Horizontal	Pass
2**	4264.000	42.40	-4.56	54.0	11.60	AV	39.00	300	Horizontal	Pass
3	5499.000	108.40	-1.68	--	--	Peak	266.00	200	Horizontal	N/A
3**	5499.000	97.24	-1.68	--	--	AV	266.00	200	Horizontal	N/A
4	7342.700	50.41	-3.27	74.0	23.59	Peak	303.00	200	Horizontal	Pass
4**	7342.700	41.28	-3.27	54.0	12.72	AV	303.00	200	Horizontal	Pass
5	12056.263	53.38	1.01	74.0	20.62	Peak	360.00	200	Horizontal	Pass
5**	12056.263	43.20	1.01	54.0	10.80	AV	360.00	200	Horizontal	Pass
6	15841.988	55.89	1.42	74.0	18.11	Peak	30.00	400	Horizontal	Pass
6**	15841.988	46.39	1.42	54.0	7.61	AV	30.00	400	Horizontal	Pass

11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.000	39.33	-16.87	74.0	34.67	Peak	100.00	200	Vertical	Pass
1**	1494.000	29.22	-16.87	54.0	24.78	AV	100.00	200	Vertical	Pass
2	4264.600	51.63	-4.50	74.0	22.37	Peak	287.00	200	Vertical	Pass
2**	4264.600	42.65	-4.50	54.0	11.35	AV	287.00	200	Vertical	Pass
3	5527.800	103.46	-1.81	--	--	Peak	265.00	100	Vertical	N/A
3**	5527.800	92.42	-1.81	--	--	AV	265.00	100	Vertical	N/A
4	7354.775	49.53	-3.76	74.0	24.47	Peak	360.00	100	Vertical	Pass
4**	7354.775	40.74	-3.76	54.0	13.26	AV	360.00	100	Vertical	Pass
5	12389.188	53.70	1.56	74.0	20.30	Peak	82.00	150	Vertical	Pass
5**	12389.188	44.55	1.56	54.0	9.45	AV	82.00	150	Vertical	Pass
6	15845.925	56.21	1.36	74.0	17.79	Peak	149.00	200	Vertical	Pass
6**	15845.925	46.66	1.36	54.0	7.34	AV	149.00	200	Vertical	Pass

11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1467.800	39.47	-17.35	74.0	34.53	Peak	128.00	100	Horizontal	Pass
1**	1467.800	29.36	-17.35	54.0	24.64	AV	128.00	100	Horizontal	Pass
2	4263.800	52.24	-4.58	74.0	21.76	Peak	20.00	100	Horizontal	Pass
2**	4263.800	43.59	-4.58	54.0	10.41	AV	20.00	100	Horizontal	Pass
3	5603.400	109.44	-1.97	--	--	Peak	266.00	150	Horizontal	N/A
3**	5603.400	97.87	-1.97	--	--	AV	266.00	150	Horizontal	N/A
4	7467.763	50.70	-3.28	74.0	23.30	Peak	360.00	100	Horizontal	Pass
4**	7467.763	40.11	-3.28	54.0	13.89	AV	360.00	100	Horizontal	Pass
5	12370.213	53.96	1.27	74.0	20.04	Peak	97.00	100	Horizontal	Pass
5**	12370.213	43.67	1.27	54.0	10.33	AV	97.00	100	Horizontal	Pass
6	15476.062	55.65	1.10	74.0	18.35	Peak	47.00	100	Horizontal	Pass
6**	15476.062	45.99	1.10	54.0	8.01	AV	47.00	100	Horizontal	Pass

11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.300	39.41	-17.08	74.0	34.59	Peak	0.00	200	Vertical	Pass
1**	1596.300	29.48	-17.08	54.0	24.52	AV	0.00	200	Vertical	Pass
2	4264.600	53.30	-4.50	74.0	20.70	Peak	268.00	200	Vertical	Pass
2**	4264.600	42.60	-4.50	54.0	11.40	AV	268.00	200	Vertical	Pass
3	5579.000	102.65	-1.62	--	--	Peak	268.00	150	Vertical	N/A
3**	5579.000	93.15	-1.62	--	--	AV	268.00	150	Vertical	N/A
4	7433.263	49.83	-3.35	74.0	24.17	Peak	30.00	400	Vertical	Pass
4**	7433.263	41.38	-3.35	54.0	12.62	AV	30.00	400	Vertical	Pass
5	11575.850	53.34	-0.39	74.0	20.66	Peak	231.00	150	Vertical	Pass
5**	11575.850	43.73	-0.39	54.0	10.27	AV	231.00	150	Vertical	Pass
6	16028.363	55.84	0.70	74.0	18.16	Peak	125.00	300	Vertical	Pass
6**	16028.363	47.02	0.70	54.0	6.98	AV	125.00	300	Vertical	Pass

11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.300	39.19	-17.19	74.0	34.81	Peak	244.00	200	Horizontal	Pass
1**	1626.300	29.08	-17.19	54.0	24.92	AV	244.00	200	Horizontal	Pass
2	4264.000	51.60	-4.56	74.0	22.40	Peak	342.00	400	Horizontal	Pass
2**	4264.000	43.20	-4.56	54.0	10.80	AV	342.00	400	Horizontal	Pass
3	5669.000	106.06	-2.53	--	--	Peak	277.00	200	Horizontal	N/A
3**	5669.000	94.88	-2.53	--	--	AV	277.00	200	Horizontal	N/A
4	7330.625	49.36	-3.43	74.0	24.64	Peak	185.00	300	Horizontal	Pass
4**	7330.625	41.65	-3.43	54.0	12.35	AV	185.00	300	Horizontal	Pass
5	12395.225	53.59	1.60	74.0	20.41	Peak	360.00	150	Horizontal	Pass
5**	12395.225	44.39	1.60	54.0	9.61	AV	360.00	150	Horizontal	Pass
6	16039.125	56.21	0.79	74.0	17.79	Peak	29.00	100	Horizontal	Pass
6**	16039.125	46.49	0.79	54.0	7.51	AV	29.00	100	Horizontal	Pass

11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.200	39.71	-16.89	74.0	34.29	Peak	52.00	300	Vertical	Pass
1**	1622.200	30.88	-16.89	54.0	23.12	AV	52.00	300	Vertical	Pass
2	4264.400	51.28	-4.52	74.0	22.72	Peak	276.00	200	Vertical	Pass
2**	4264.400	43.17	-4.52	54.0	10.83	AV	276.00	200	Vertical	Pass
3	5671.800	101.91	-2.29	--	--	Peak	276.00	100	Vertical	N/A
3**	5671.800	92.44	-2.29	--	--	AV	276.00	100	Vertical	N/A
4	7451.663	50.14	-3.17	74.0	23.86	Peak	48.00	200	Vertical	Pass
4**	7451.663	40.44	-3.17	54.0	13.56	AV	48.00	200	Vertical	Pass
5	12287.700	53.63	1.72	74.0	20.37	Peak	335.00	150	Vertical	Pass
5**	12287.700	44.06	1.72	54.0	9.94	AV	335.00	150	Vertical	Pass
6	15809.963	56.10	2.17	74.0	17.90	Peak	88.00	200	Vertical	Pass
6**	15809.963	46.11	2.17	54.0	7.89	AV	88.00	200	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	1620.900	38.85	-17.08	74.0	35.15	Peak	4.00	200	Horizontal	Pass
1**	1620.900	29.60	-17.08	54.0	24.40	AV	4.00	200	Horizontal	Pass
2	4264.200	51.40	-4.54	74.0	22.60	Peak	360.00	100	Horizontal	Pass
2**	4264.200	42.82	-4.54	54.0	11.18	AV	360.00	100	Horizontal	Pass
3	5751.800	107.54	-2.05	--	--	Peak	287.00	150	Horizontal	N/A
3**	5751.800	100.35	-2.05	--	--	AV	287.00	150	Horizontal	N/A
4	7341.263	51.21	-3.09	74.0	22.79	Peak	0.00	300	Horizontal	Pass
4**	7341.263	42.30	-3.09	54.0	11.70	AV	0.00	300	Horizontal	Pass
5	12051.951	53.72	1.03	74.0	20.28	Peak	302.00	200	Horizontal	Pass
5**	12051.951	42.94	1.03	54.0	11.06	AV	302.00	200	Horizontal	Pass
6	15827.025	55.93	1.58	74.0	18.07	Peak	347.00	100	Horizontal	Pass
6**	15827.025	46.47	1.58	54.0	7.53	AV	347.00	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	1572.200	39.81	-17.05	74.0	34.19	Peak	174.00	200	Vertical	Pass
1**	1572.200	29.57	-17.05	54.0	24.43	AV	174.00	200	Vertical	Pass
2	4264.200	52.45	-4.54	74.0	21.55	Peak	248.00	400	Vertical	Pass
2**	4264.200	44.01	-4.54	54.0	9.99	AV	248.00	400	Vertical	Pass
3	5743.800	106.86	-2.07	--	--	Peak	273.00	100	Vertical	N/A
3**	5743.800	99.00	-2.07	--	--	AV	273.00	100	Vertical	N/A
4	7320.850	49.62	-3.12	74.0	24.38	Peak	213.00	200	Vertical	Pass
4**	7320.850	40.95	-3.12	54.0	13.05	AV	213.00	200	Vertical	Pass
5	12299.201	53.62	1.49	74.0	20.38	Peak	0.00	150	Vertical	Pass
5**	12299.201	43.86	1.49	54.0	10.14	AV	0.00	150	Vertical	Pass
6	16082.437	56.23	1.59	74.0	17.77	Peak	81.00	100	Vertical	Pass
6**	16082.437	46.19	1.59	54.0	7.81	AV	81.00	100	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	1562.400	39.08	-16.82	74.0	34.92	Peak	121.00	300	Horizontal	Pass
1**	1562.400	29.92	-16.82	54.0	24.08	AV	121.00	300	Horizontal	Pass
2	4264.400	51.40	-4.52	74.0	22.60	Peak	346.00	400	Horizontal	Pass
2**	4264.400	42.74	-4.52	54.0	11.26	AV	346.00	400	Horizontal	Pass
3	5787.600	109.32	-1.69	--	--	Peak	281.00	100	Horizontal	N/A
3**	5787.600	102.38	-1.69	--	--	AV	281.00	100	Horizontal	N/A
4	7336.088	50.02	-3.18	74.0	23.98	Peak	285.00	100	Horizontal	Pass
4**	7336.088	40.99	-3.18	54.0	13.01	AV	285.00	100	Horizontal	Pass
5	11054.037	52.87	-0.72	74.0	21.13	Peak	142.00	100	Horizontal	Pass
5**	11054.037	43.63	-0.72	54.0	10.37	AV	142.00	100	Horizontal	Pass
6	15813.638	56.56	2.09	74.0	17.44	Peak	153.00	300	Horizontal	Pass
6**	15813.638	46.17	2.09	54.0	7.83	AV	153.00	300	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	1586.700	39.38	-16.93	74.0	34.62	Peak	17.00	200	Vertical	Pass
1**	1586.700	29.73	-16.93	54.0	24.27	AV	17.00	200	Vertical	Pass
2	4264.400	52.15	-4.52	74.0	21.85	Peak	300.00	300	Vertical	Pass
2**	4264.400	43.59	-4.52	54.0	10.41	AV	300.00	300	Vertical	Pass
3	5782.600	106.61	-1.38	--	--	Peak	276.00	150	Vertical	N/A
3**	5782.600	99.88	-1.38	--	--	AV	276.00	150	Vertical	N/A
4	7341.263	50.33	-3.09	74.0	23.67	Peak	50.00	400	Vertical	Pass
4**	7341.263	41.38	-3.09	54.0	12.62	AV	50.00	400	Vertical	Pass
5	12418.224	53.38	1.40	74.0	20.62	Peak	270.00	100	Vertical	Pass
5**	12418.224	43.90	1.40	54.0	10.10	AV	270.00	100	Vertical	Pass
6	15798.674	55.73	2.29	74.0	18.27	Peak	209.00	400	Vertical	Pass
6**	15798.674	47.65	2.29	54.0	6.35	AV	209.00	400	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	1618.000	38.98	-17.24	74.0	35.02	Peak	115.00	100	Horizontal	Pass
1**	1618.000	29.56	-17.24	54.0	24.44	AV	115.00	100	Horizontal	Pass
2	4393.600	50.91	-3.73	74.0	23.09	Peak	333.00	200	Horizontal	Pass
2**	4393.600	40.46	-3.73	54.0	13.54	AV	333.00	200	Horizontal	Pass
3	5828.600	109.22	-1.83	--	--	Peak	272.00	200	Horizontal	N/A
3**	5828.600	100.48	-1.83	--	--	AV	272.00	200	Horizontal	N/A
4	7377.775	49.97	-3.50	74.0	24.03	Peak	13.00	200	Horizontal	Pass
4**	7377.775	40.44	-3.50	54.0	13.56	AV	13.00	200	Horizontal	Pass
5	12285.112	53.17	1.77	74.0	20.83	Peak	252.00	100	Horizontal	Pass
5**	12285.112	45.42	1.77	54.0	8.58	AV	252.00	100	Horizontal	Pass
6	15833.062	56.09	1.47	74.0	17.91	Peak	360.00	200	Horizontal	Pass
6**	15833.062	46.48	1.47	54.0	7.52	AV	360.00	200	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	1503.800	39.79	-16.94	74.0	34.21	Peak	202.00	100	Vertical	Pass
1**	1503.800	30.38	-16.94	54.0	23.62	AV	202.00	100	Vertical	Pass
2	4264.800	53.03	-4.48	74.0	20.97	Peak	336.00	200	Vertical	Pass
2**	4264.800	42.90	-4.48	54.0	11.10	AV	336.00	200	Vertical	Pass
3	5828.600	107.41	-1.83	--	--	Peak	277.00	150	Vertical	N/A
3**	5828.600	98.91	-1.83	--	--	AV	277.00	150	Vertical	N/A
4	7346.725	50.22	-3.60	74.0	23.78	Peak	42.00	200	Vertical	Pass
4**	7346.725	40.64	-3.60	54.0	13.36	AV	42.00	200	Vertical	Pass
5	12359.287	53.06	1.17	74.0	20.94	Peak	233.00	100	Vertical	Pass
5**	12359.287	43.62	1.17	54.0	10.38	AV	233.00	100	Vertical	Pass
6	16076.925	55.69	1.58	74.0	18.31	Peak	337.00	100	Vertical	Pass
6**	16076.925	46.97	1.58	54.0	7.03	AV	337.00	100	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	1586.300	39.07	-16.88	74.0	34.93	Peak	360.00	200	Horizontal	Pass
1**	1586.300	29.75	-16.88	54.0	24.25	AV	360.00	200	Horizontal	Pass
2	4263.800	52.24	-4.58	74.0	21.76	Peak	141.00	400	Horizontal	Pass
2**	4263.800	42.48	-4.58	54.0	11.52	AV	141.00	400	Horizontal	Pass
3	5759.600	107.26	-1.63	--	--	Peak	280.00	200	Horizontal	N/A
3**	5759.600	99.36	-1.63	--	--	AV	280.00	200	Horizontal	N/A
4	7448.212	50.63	-3.27	74.0	23.37	Peak	121.00	100	Horizontal	Pass
4**	7448.212	40.89	-3.27	54.0	13.11	AV	121.00	100	Horizontal	Pass
5	12681.862	53.20	0.86	74.0	20.80	Peak	175.00	100	Horizontal	Pass
5**	12681.862	43.57	0.86	54.0	10.43	AV	175.00	100	Horizontal	Pass
6	15835.688	56.81	1.45	74.0	17.19	Peak	249.00	200	Horizontal	Pass
6**	15835.688	46.85	1.45	54.0	7.15	AV	249.00	200	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	1515.400	39.16	-17.19	74.0	34.84	Peak	136.00	300	Vertical	Pass
1**	1515.400	29.46	-17.19	54.0	24.54	AV	136.00	300	Vertical	Pass
2	4265.000	52.20	-4.46	74.0	21.80	Peak	249.00	100	Vertical	Pass
2**	4265.000	42.49	-4.46	54.0	11.51	AV	249.00	100	Vertical	Pass
3	5761.800	103.21	-1.71	--	--	Peak	272.00	100	Vertical	N/A
3**	5761.800	94.47	-1.71	--	--	AV	272.00	100	Vertical	N/A
4	7337.525	51.28	-2.90	74.0	22.72	Peak	345.00	100	Vertical	Pass
4**	7337.525	42.57	-2.90	54.0	11.43	AV	345.00	100	Vertical	Pass
5	12299.201	53.92	1.49	74.0	20.08	Peak	218.00	150	Vertical	Pass
5**	12299.201	44.48	1.49	54.0	9.52	AV	218.00	150	Vertical	Pass
6	16074.825	55.84	1.53	74.0	18.16	Peak	38.00	100	Vertical	Pass
6**	16074.825	46.29	1.53	54.0	7.71	AV	38.00	100	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	1608.200	38.86	-17.48	74.0	35.14	Peak	1.00	300	Horizontal	Pass
1**	1608.200	29.59	-17.48	54.0	24.41	AV	1.00	300	Horizontal	Pass
2	4263.800	51.12	-4.58	74.0	22.88	Peak	33.00	300	Horizontal	Pass
2**	4263.800	42.88	-4.58	54.0	11.12	AV	33.00	300	Horizontal	Pass
3	5781.200	106.23	-1.54	--	--	Peak	285.00	100	Horizontal	N/A
3**	5781.200	98.24	-1.54	--	--	AV	285.00	100	Horizontal	N/A
4	7341.263	50.42	-3.09	74.0	23.58	Peak	117.00	200	Horizontal	Pass
4**	7341.263	41.50	-3.09	54.0	12.50	AV	117.00	200	Horizontal	Pass
5	12371.937	53.14	1.30	74.0	20.86	Peak	231.00	200	Horizontal	Pass
5**	12371.937	43.80	1.30	54.0	10.20	AV	231.00	200	Horizontal	Pass
6	16099.500	55.91	1.21	74.0	18.09	Peak	261.00	300	Horizontal	Pass
6**	16099.500	46.26	1.21	54.0	7.74	AV	261.00	300	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	1494.000	40.82	-16.87	74.0	33.18	Peak	101.00	300	Vertical	Pass
1**	1494.000	30.39	-16.87	54.0	23.61	AV	101.00	300	Vertical	Pass
2	4263.000	51.78	-4.66	74.0	22.22	Peak	280.00	400	Vertical	Pass
2**	4263.000	41.17	-4.66	54.0	12.83	AV	280.00	400	Vertical	Pass
3	5810.400	103.71	-1.87	--	--	Peak	280.00	200	Vertical	N/A
3**	5810.400	96.07	-1.87	--	--	AV	280.00	200	Vertical	N/A
4	7334.362	50.39	-3.19	74.0	23.61	Peak	360.00	100	Vertical	Pass
4**	7334.362	41.75	-3.19	54.0	12.25	AV	360.00	100	Vertical	Pass
5	12102.263	53.27	0.58	74.0	20.73	Peak	92.00	100	Vertical	Pass
5**	12102.263	44.10	0.58	54.0	9.90	AV	92.00	100	Vertical	Pass
6	16074.037	55.93	1.50	74.0	18.07	Peak	313.00	300	Vertical	Pass
6**	16074.037	46.75	1.50	54.0	7.25	AV	313.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1444.300	39.45	-17.13	74.0	34.55	Peak	124.00	200	Horizontal	Pass
1**	1444.300	29.47	-17.13	54.0	24.53	AV	124.00	200	Horizontal	Pass
2	4264.000	51.42	-4.56	74.0	22.58	Peak	26.00	100	Horizontal	Pass
2**	4264.000	42.32	-4.56	54.0	11.68	AV	26.00	100	Horizontal	Pass
3	5748.600	109.76	-2.24	--	--	Peak	281.00	200	Horizontal	N/A
3**	5748.600	102.03	-2.24	--	--	AV	281.00	200	Horizontal	N/A
4	7442.175	50.03	-3.37	74.0	23.97	Peak	226.00	400	Horizontal	Pass
4**	7442.175	41.24	-3.37	54.0	12.76	AV	226.00	400	Horizontal	Pass
5	12284.250	53.59	1.78	74.0	20.41	Peak	270.00	200	Horizontal	Pass
5**	12284.250	44.55	1.78	54.0	9.45	AV	270.00	200	Horizontal	Pass
6	15841.463	56.42	1.42	74.0	17.58	Peak	212.00	300	Horizontal	Pass
6**	15841.463	46.08	1.42	54.0	7.92	AV	212.00	300	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	1618.900	39.23	-17.46	74.0	34.77	Peak	53.00	400	Vertical	Pass
1**	1618.900	29.70	-17.46	54.0	24.30	AV	53.00	400	Vertical	Pass
2	4264.400	51.09	-4.52	74.0	22.91	Peak	241.00	200	Vertical	Pass
2**	4264.400	42.87	-4.52	54.0	11.13	AV	241.00	200	Vertical	Pass
3	5751.000	106.58	-2.21	--	--	Peak	277.00	150	Vertical	N/A
3**	5751.000	97.94	-2.21	--	--	AV	277.00	150	Vertical	N/A
4	7317.687	50.09	-3.15	74.0	23.91	Peak	241.00	300	Vertical	Pass
4**	7317.687	40.41	-3.15	54.0	13.59	AV	241.00	300	Vertical	Pass
5	12279.363	53.26	1.78	74.0	20.74	Peak	0.00	100	Vertical	Pass
5**	12279.363	43.82	1.78	54.0	10.18	AV	0.00	100	Vertical	Pass
6	15507.299	55.66	1.35	74.0	18.34	Peak	102.00	200	Vertical	Pass
6**	15507.299	46.50	1.35	54.0	7.50	AV	102.00	200	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	1508.400	38.88	-17.08	74.0	35.12	Peak	265.00	200	Horizontal	Pass
1**	1508.400	29.85	-17.08	54.0	24.15	AV	265.00	200	Horizontal	Pass
2	4264.000	50.84	-4.56	74.0	23.16	Peak	48.00	400	Horizontal	Pass
2**	4264.000	42.48	-4.56	54.0	11.52	AV	48.00	400	Horizontal	Pass
3	5778.600	109.35	-2.05	--	--	Peak	279.00	200	Horizontal	N/A
3**	5778.600	101.40	-2.05	--	--	AV	279.00	200	Horizontal	N/A
4	7673.900	49.89	-2.34	74.0	24.11	Peak	40.00	400	Horizontal	Pass
4**	7673.900	41.13	-2.34	54.0	12.87	AV	40.00	400	Horizontal	Pass
5	12074.375	53.56	0.68	74.0	20.44	Peak	170.00	100	Horizontal	Pass
5**	12074.375	43.30	0.68	54.0	10.70	AV	170.00	100	Horizontal	Pass
6	15634.088	55.58	1.58	74.0	18.42	Peak	229.00	200	Horizontal	Pass
6**	15634.088	47.34	1.58	54.0	6.66	AV	229.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.000	39.28	-16.86	74.0	34.72	Peak	98.00	300	Vertical	Pass
1**	1585.000	29.54	-16.86	54.0	24.46	AV	98.00	300	Vertical	Pass
2	4264.200	52.17	-4.54	74.0	21.83	Peak	257.00	200	Vertical	Pass
2**	4264.200	43.50	-4.54	54.0	10.50	AV	257.00	200	Vertical	Pass
3	5783.000	106.19	-1.43	--	--	Peak	271.00	100	Vertical	N/A
3**	5783.000	98.28	-1.43	--	--	AV	271.00	100	Vertical	N/A
4	7339.250	50.04	-2.93	74.0	23.96	Peak	246.00	200	Vertical	Pass
4**	7339.250	40.87	-2.93	54.0	13.13	AV	246.00	200	Vertical	Pass
5	11924.013	53.78	1.51	74.0	20.22	Peak	0.00	200	Vertical	Pass
5**	11924.013	43.32	1.51	54.0	10.68	AV	0.00	200	Vertical	Pass
6	15679.762	55.55	1.58	74.0	18.45	Peak	25.00	300	Vertical	Pass
6**	15679.762	46.54	1.58	54.0	7.46	AV	25.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.000	39.19	-16.92	74.0	34.81	Peak	266.00	100	Horizontal	Pass
1**	1504.000	29.99	-16.92	54.0	24.01	AV	266.00	100	Horizontal	Pass
2	4263.800	50.82	-4.58	74.0	23.18	Peak	354.00	400	Horizontal	Pass
2**	4263.800	41.90	-4.58	54.0	12.10	AV	354.00	400	Horizontal	Pass
3	5829.600	108.82	-1.78	--	--	Peak	288.00	150	Horizontal	N/A
3**	5829.600	101.65	-1.78	--	--	AV	288.00	150	Horizontal	N/A
4	7319.413	50.15	-3.03	74.0	23.85	Peak	337.00	100	Horizontal	Pass
4**	7319.413	41.94	-3.03	54.0	12.06	AV	337.00	100	Horizontal	Pass
5	12251.763	53.08	0.96	74.0	20.92	Peak	309.00	150	Horizontal	Pass
5**	12251.763	43.15	0.96	54.0	10.85	AV	309.00	150	Horizontal	Pass
6	16043.588	56.12	0.76	74.0	17.88	Peak	252.00	100	Horizontal	Pass
6**	16043.588	46.03	0.76	54.0	7.97	AV	252.00	100	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	1561.300	39.26	-16.81	74.0	34.74	Peak	114.00	200	Vertical	Pass
1**	1561.300	29.92	-16.81	54.0	24.08	AV	114.00	200	Vertical	Pass
2	4265.000	51.73	-4.46	74.0	22.27	Peak	257.00	300	Vertical	Pass
2**	4265.000	42.10	-4.46	54.0	11.90	AV	257.00	300	Vertical	Pass
3	5828.000	106.19	-1.89	--	--	Peak	275.00	100	Vertical	N/A
3**	5828.000	98.86	-1.89	--	--	AV	275.00	100	Vertical	N/A
4	7491.625	49.84	-3.48	74.0	24.16	Peak	0.00	200	Vertical	Pass
4**	7491.625	39.37	-3.48	54.0	14.63	AV	0.00	200	Vertical	Pass
5	12258.950	53.43	1.06	74.0	20.57	Peak	115.00	150	Vertical	Pass
5**	12258.950	44.03	1.06	54.0	9.97	AV	115.00	150	Vertical	Pass
6	15670.838	56.31	1.45	74.0	17.69	Peak	265.00	300	Vertical	Pass
6**	15670.838	47.65	1.45	54.0	6.35	AV	265.00	300	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	1563.400	39.00	-17.09	74.0	35.00	Peak	347.00	200	Horizontal	Pass
1**	1563.400	29.18	-17.09	54.0	24.82	AV	347.00	200	Horizontal	Pass
2	4263.800	51.70	-4.58	74.0	22.30	Peak	351.00	100	Horizontal	Pass
2**	4263.800	41.66	-4.58	54.0	12.34	AV	351.00	100	Horizontal	Pass
3	5772.600	106.30	-2.06	--	--	Peak	287.00	100	Horizontal	N/A
3**	5772.600	98.24	-2.06	--	--	AV	287.00	100	Horizontal	N/A
4	7346.438	50.04	-3.56	74.0	23.96	Peak	250.00	400	Horizontal	Pass
4**	7346.438	42.24	-3.56	54.0	11.76	AV	250.00	400	Horizontal	Pass
5	12323.637	53.24	1.42	74.0	20.76	Peak	6.00	200	Horizontal	Pass
5**	12323.637	44.21	1.42	54.0	9.79	AV	6.00	200	Horizontal	Pass
6	15488.925	55.94	0.93	74.0	18.06	Peak	50.00	100	Horizontal	Pass
6**	15488.925	45.47	0.93	54.0	8.53	AV	50.00	100	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	1435.500	39.30	-17.32	74.0	34.70	Peak	154.00	400	Vertical	Pass
1**	1435.500	30.10	-17.32	54.0	23.90	AV	154.00	400	Vertical	Pass
2	4264.000	51.86	-4.56	74.0	22.14	Peak	266.00	200	Vertical	Pass
2**	4264.000	42.65	-4.56	54.0	11.35	AV	266.00	200	Vertical	Pass
3	5759.200	102.51	-1.59	--	--	Peak	266.00	100	Vertical	N/A
3**	5759.200	95.15	-1.59	--	--	AV	266.00	100	Vertical	N/A
4	7342.700	50.42	-3.27	74.0	23.58	Peak	105.00	100	Vertical	Pass
4**	7342.700	41.52	-3.27	54.0	12.48	AV	105.00	100	Vertical	Pass
5	12306.675	53.23	1.38	74.0	20.77	Peak	152.00	150	Vertical	Pass
5**	12306.675	44.58	1.38	54.0	9.42	AV	152.00	150	Vertical	Pass
6	16102.651	56.45	1.08	74.0	17.55	Peak	360.00	300	Vertical	Pass
6**	16102.651	46.99	1.08	54.0	7.01	AV	360.00	300	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	1502.100	39.15	-17.01	74.0	34.85	Peak	130.00	100	Horizontal	Pass
1**	1502.100	29.84	-17.01	54.0	24.16	AV	130.00	100	Horizontal	Pass
2	4264.800	52.15	-4.48	74.0	21.85	Peak	345.00	300	Horizontal	Pass
2**	4264.800	41.53	-4.48	54.0	12.47	AV	345.00	300	Horizontal	Pass
3	5805.000	106.51	-1.91	--	--	Peak	277.00	200	Horizontal	N/A
3**	5805.000	97.88	-1.91	--	--	AV	277.00	200	Horizontal	N/A
4	7449.937	50.17	-3.21	74.0	23.83	Peak	20.00	400	Horizontal	Pass
4**	7449.937	40.84	-3.21	54.0	13.16	AV	20.00	400	Horizontal	Pass
5	12429.438	53.98	1.54	74.0	20.02	Peak	360.00	100	Horizontal	Pass
5**	12429.438	43.34	1.54	54.0	10.66	AV	360.00	100	Horizontal	Pass
6	16063.799	56.02	1.10	74.0	17.98	Peak	100.00	300	Horizontal	Pass
6**	16063.799	46.17	1.10	54.0	7.83	AV	100.00	300	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	1622.500	39.43	-16.92	74.0	34.57	Peak	54.00	300	Vertical	Pass
1**	1622.500	29.55	-16.92	54.0	24.45	AV	54.00	300	Vertical	Pass
2	4264.400	51.76	-4.52	74.0	22.24	Peak	251.00	100	Vertical	Pass
2**	4264.400	43.25	-4.52	54.0	10.75	AV	251.00	100	Vertical	Pass
3	5798.600	104.07	-1.66	--	--	Peak	266.00	100	Vertical	N/A
3**	5798.600	94.09	-1.66	--	--	AV	266.00	100	Vertical	N/A
4	7322.862	49.96	-3.34	74.0	24.04	Peak	227.00	100	Vertical	Pass
4**	7322.862	40.99	-3.34	54.0	13.01	AV	227.00	100	Vertical	Pass
5	11948.450	52.98	1.44	74.0	21.02	Peak	160.00	150	Vertical	Pass
5**	11948.450	44.24	1.44	54.0	9.76	AV	160.00	150	Vertical	Pass
6	16074.037	55.85	1.50	74.0	18.15	Peak	0.00	400	Vertical	Pass
6**	16074.037	46.71	1.50	54.0	7.29	AV	0.00	400	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

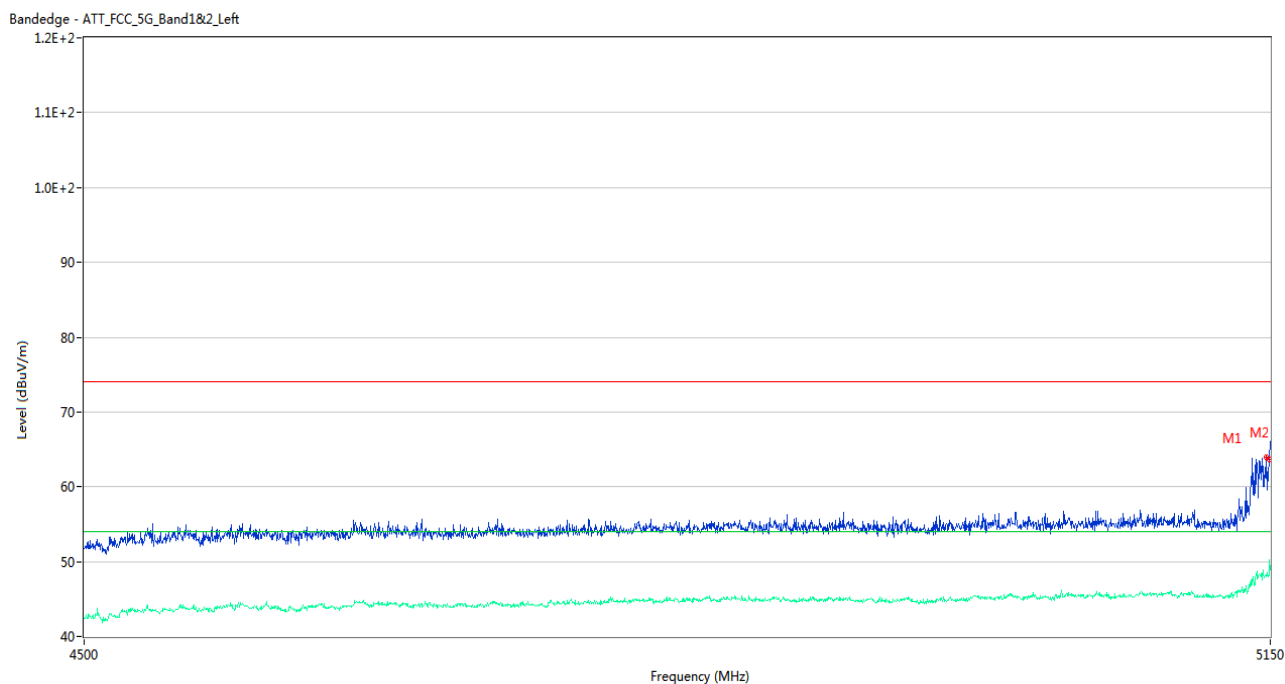
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
	802.11n(HT20)	Low	Pass
	802.11n(HT40)	Low	Pass
	802.11ac(VHT20)	Low	Pass
	802.11ac(VHT40)	Low	Pass
	802.11ax(HE20) (SU)	Low	Pass
	802.11ax(HE40) (SU)	Low	Pass
U-NII-2A	802.11a	High	Pass
	802.11n(HT20)	High	Pass
	802.11n(HT40)	High	Pass
	802.11ac(VHT20)	High	Pass
	802.11ac(VHT40)	High	Pass
	802.11ax(HE20) (SU)	High	Pass
	802.11ax(HE40) (SU)	High	Pass
U-NII-2C	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ax(HE20) (SU)	Low	Pass
		High	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ax(HE20) (SU)	Low	Pass
		High	Pass

	802.11ax(HE40) (SU)	Low	Pass
		High	Pass

Note: All mode has been pre tested, only show worst data on this report.

Test Data and Plots

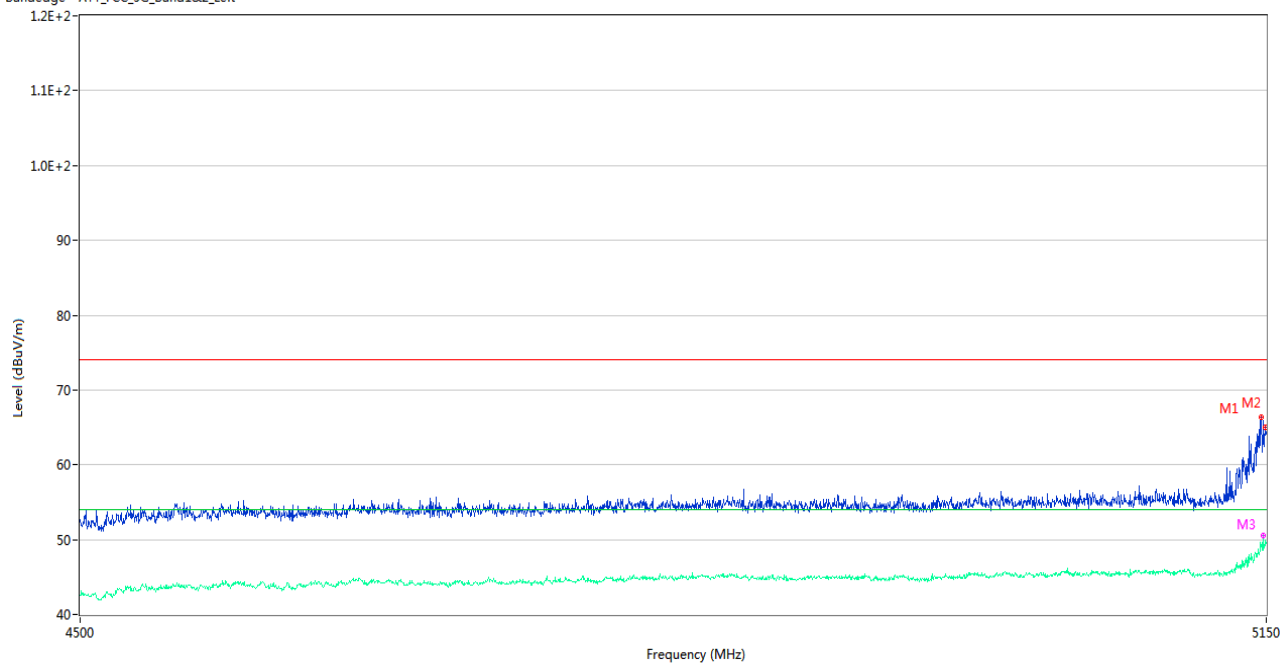
U-NII-1 11a Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.400	64.01	2.23	74.0	9.99	Peak	332.00	150	Horizontal	Pass
1**	5147.400	48.32	2.23	54.0	5.68	AV	332.00	150	Horizontal	Pass
2	5149.675	63.70	2.07	74.0	10.30	Peak	0.00	200	Horizontal	Pass
2**	5149.675	50.18	2.07	54.0	3.82	AV	0.00	200	Horizontal	Pass

U-NII-1 11n20 Low Channel

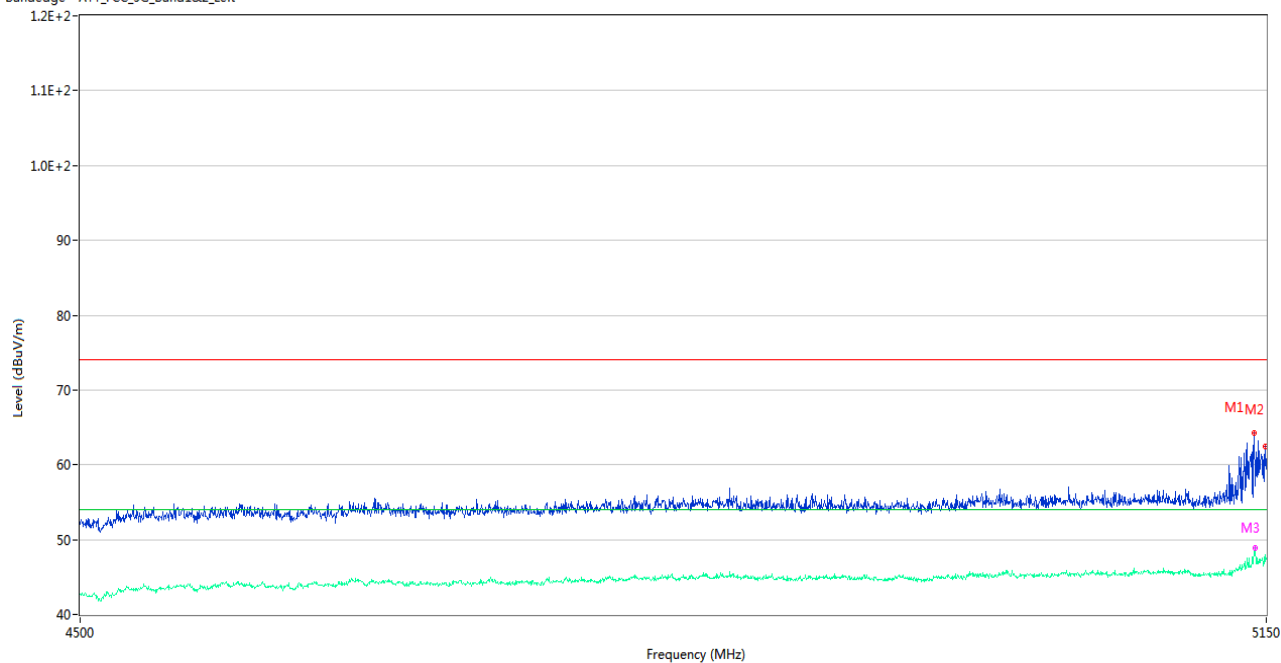
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.075	66.39	2.27	74.0	7.61	Peak	316.00	100	Horizontal	Pass
1**	5147.075	49.29	2.27	54.0	4.71	AV	316.00	100	Horizontal	Pass
2	5149.675	64.97	2.07	74.0	9.03	Peak	285.00	100	Horizontal	Pass
2**	5149.675	49.93	2.07	54.0	4.07	AV	285.00	100	Horizontal	Pass
3	5148.050	62.83	2.14	74.0	11.17	Peak	316.00	150	Horizontal	Pass
3**	5148.050	50.49	2.14	54.0	3.51	AV	316.00	150	Horizontal	Pass

U-NII-1 11n40 Low Channel

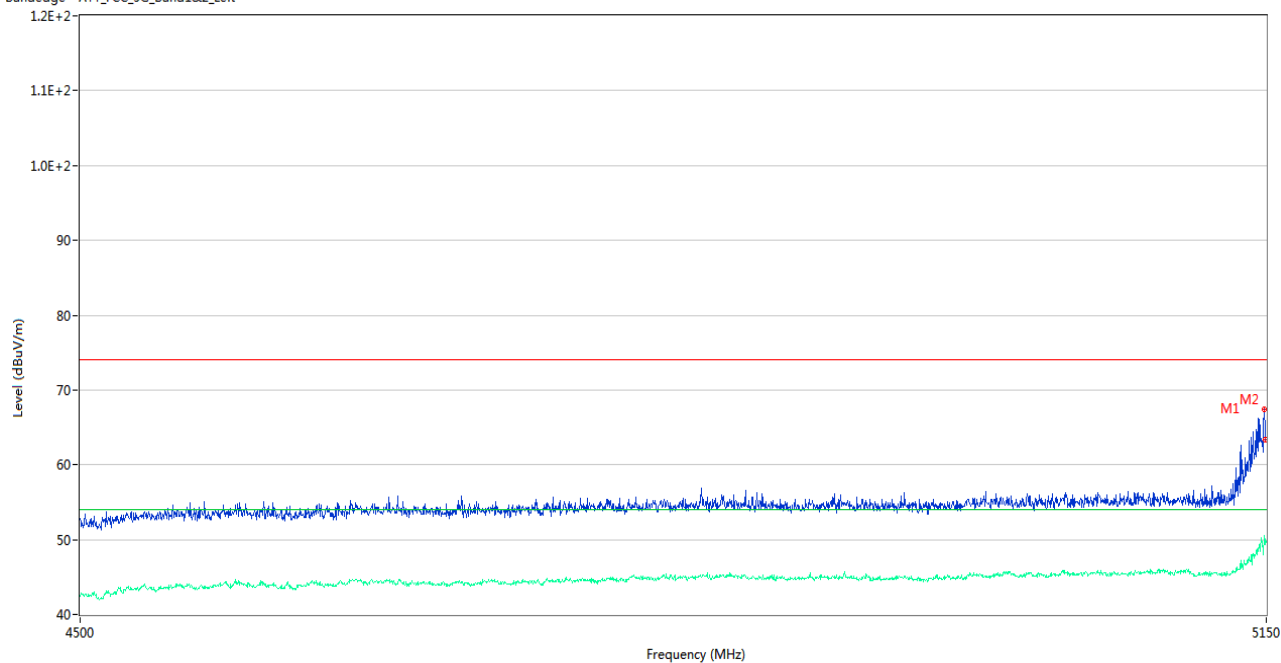
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5143.175	64.28	2.40	74.0	9.72	Peak	276.00	100	Horizontal	Pass
1**	5143.175	47.88	2.40	54.0	6.12	AV	276.00	100	Horizontal	Pass
2	5149.675	62.48	2.07	74.0	11.52	Peak	316.00	150	Horizontal	Pass
2**	5149.675	47.05	2.07	54.0	6.95	AV	316.00	150	Horizontal	Pass
3	5143.500	57.20	2.37	74.0	16.80	Peak	360.00	150	Horizontal	Pass
3**	5143.500	48.94	2.37	54.0	5.06	AV	360.00	150	Horizontal	Pass

U-NII-1 11ac20 Low Channel

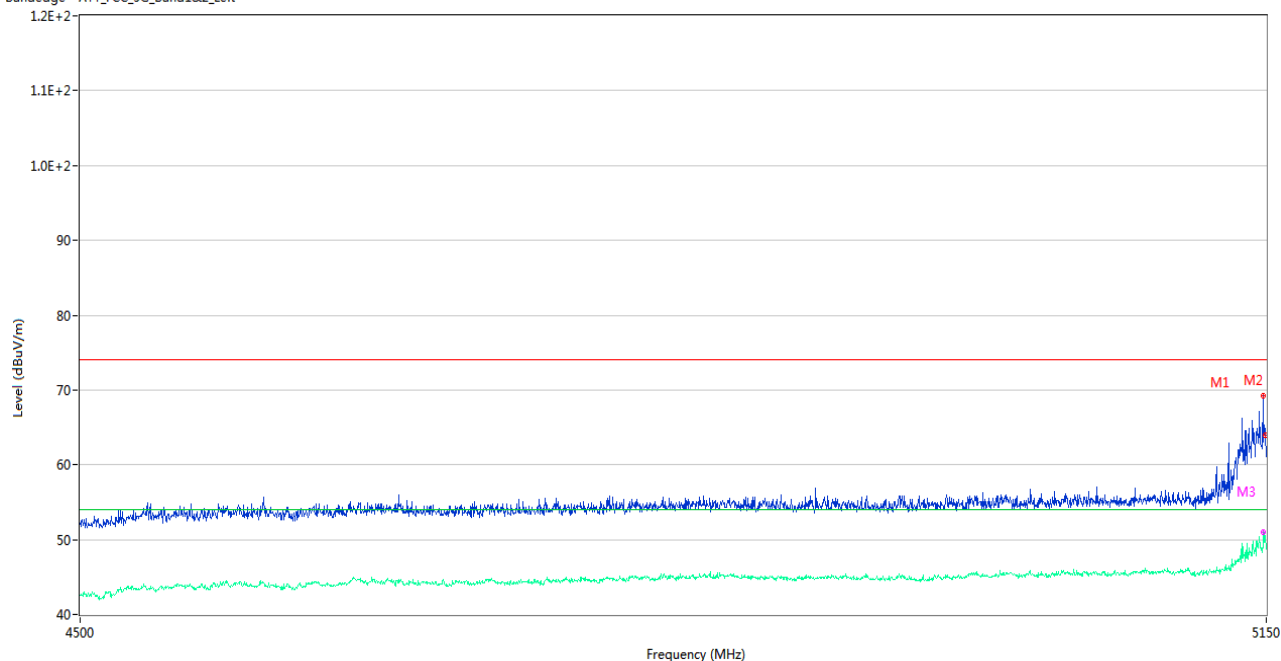
Bandedge - ATT_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	67.35	2.02	74.0	6.65	Peak	280.00	200	Horizontal	Pass
1**	5149.025	50.34	2.02	54.0	3.66	AV	280.00	200	Horizontal	Pass
2	5149.675	63.42	2.07	74.0	10.58	Peak	280.00	100	Horizontal	Pass
2**	5149.675	49.32	2.07	54.0	4.68	AV	280.00	100	Horizontal	Pass

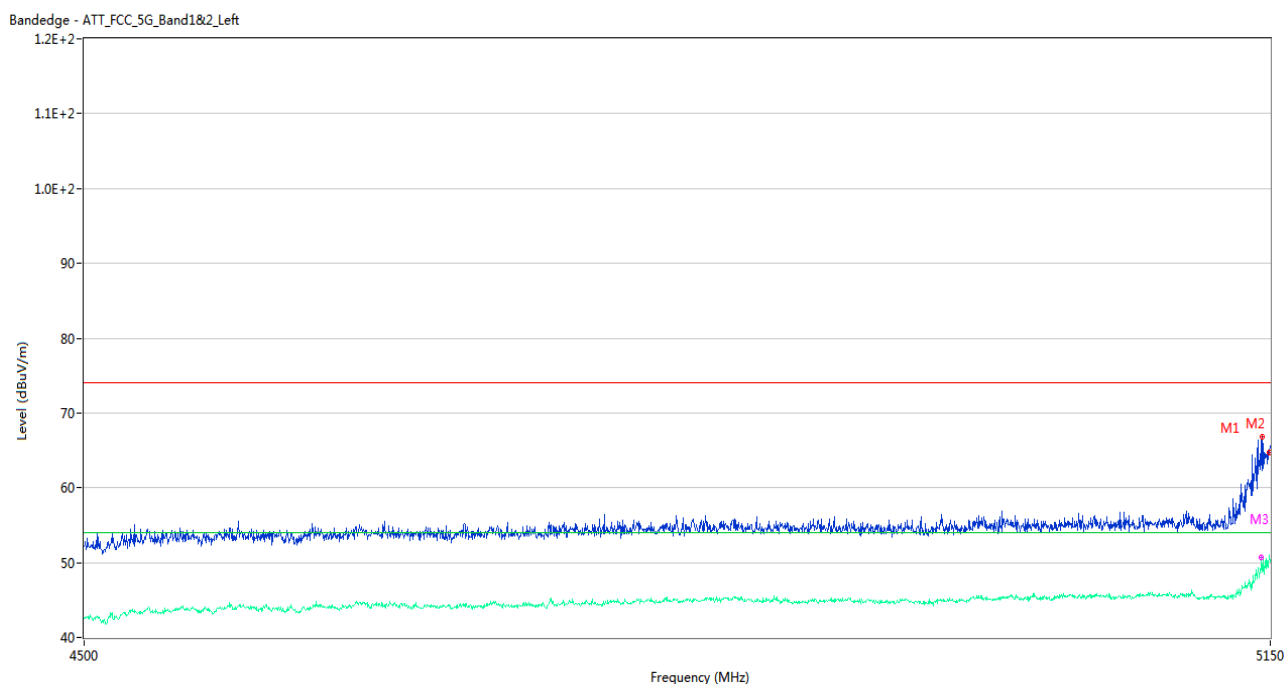
U-NII-1 11ac40 Low Channel

Bandedge - ATT_FCC_5G_Band1&2_Left



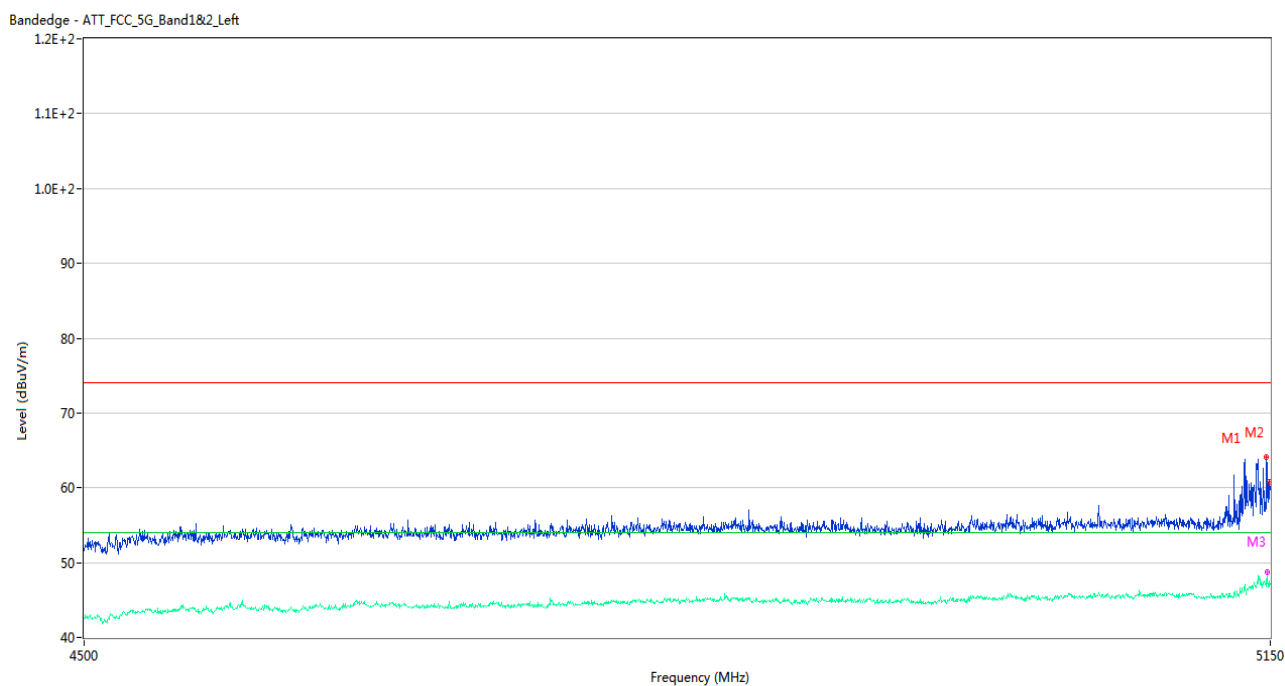
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.050	69.20	2.14	74.0	4.80	Peak	309.00	200	Horizontal	Pass
1**	5148.050	48.88	2.14	54.0	5.12	AV	309.00	200	Horizontal	Pass
2	5149.675	64.00	2.07	74.0	10.00	Peak	327.00	200	Horizontal	Pass
2**	5149.675	50.52	2.07	54.0	3.48	AV	327.00	200	Horizontal	Pass
3	5148.375	63.09	2.10	74.0	10.91	Peak	309.00	150	Horizontal	Pass
3**	5148.375	50.99	2.10	54.0	3.01	AV	309.00	150	Horizontal	Pass

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



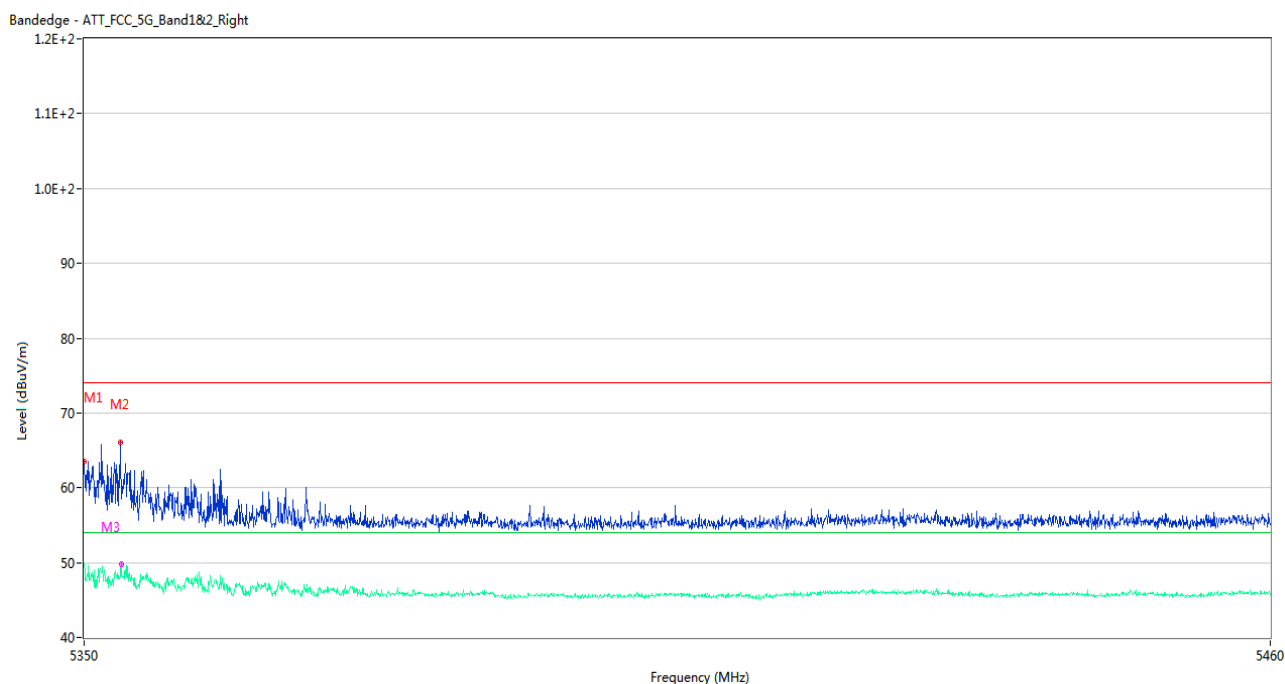
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.450	66.79	2.27	74.0	7.21	Peak	273.00	150	Horizontal	Pass
1**	5145.450	48.71	2.27	54.0	5.29	AV	273.00	150	Horizontal	Pass
2	5149.675	64.65	2.07	74.0	9.35	Peak	276.00	100	Horizontal	Pass
2**	5149.675	50.96	2.07	54.0	3.04	AV	276.00	100	Horizontal	Pass
3	5144.800	63.85	2.25	74.0	10.15	Peak	276.00	150	Horizontal	Pass
3**	5144.800	50.76	2.25	54.0	3.24	AV	276.00	150	Horizontal	Pass

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



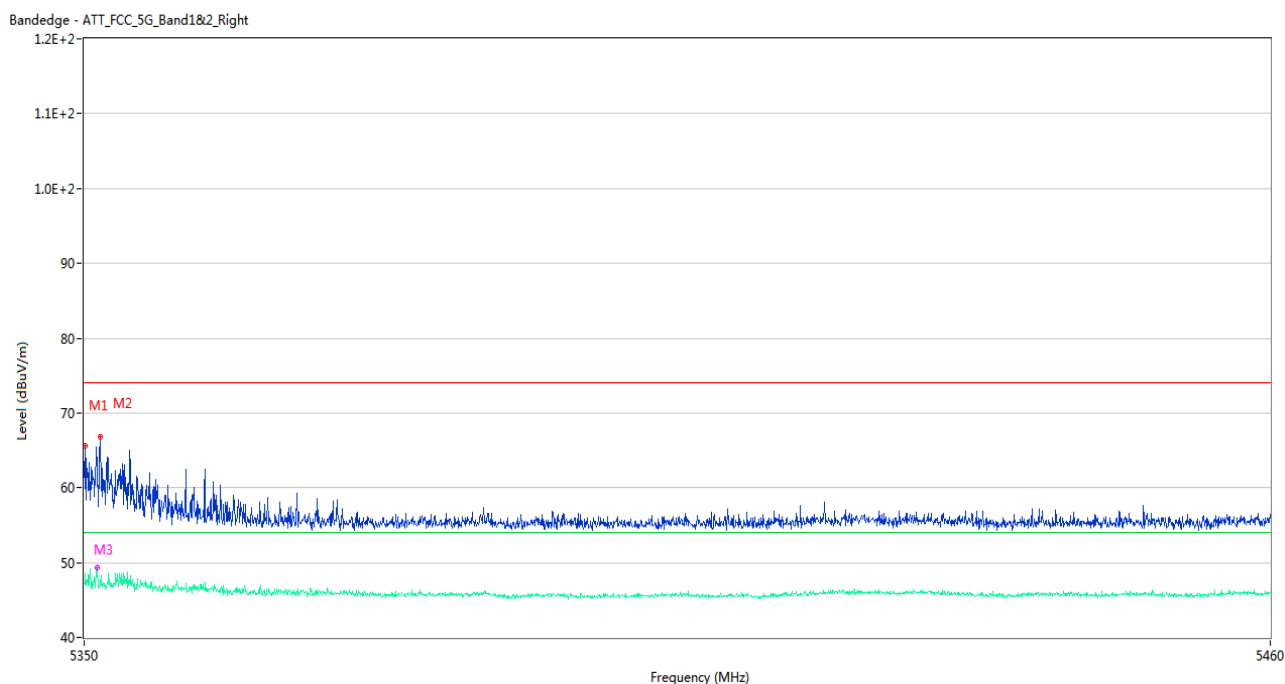
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.725	64.16	2.18	74.0	9.84	Peak	359.00	200	Horizontal	Pass
1**	5147.725	46.92	2.18	54.0	7.08	AV	359.00	200	Horizontal	Pass
2	5149.675	60.75	2.07	74.0	13.25	Peak	360.00	150	Horizontal	Pass
2**	5149.675	46.72	2.07	54.0	7.28	AV	360.00	150	Horizontal	Pass
3	5148.050	62.76	2.14	74.0	11.24	Peak	359.00	150	Horizontal	Pass
3**	5148.050	48.75	2.14	54.0	5.25	AV	359.00	150	Horizontal	Pass

U-NII-2A 11a High Channel



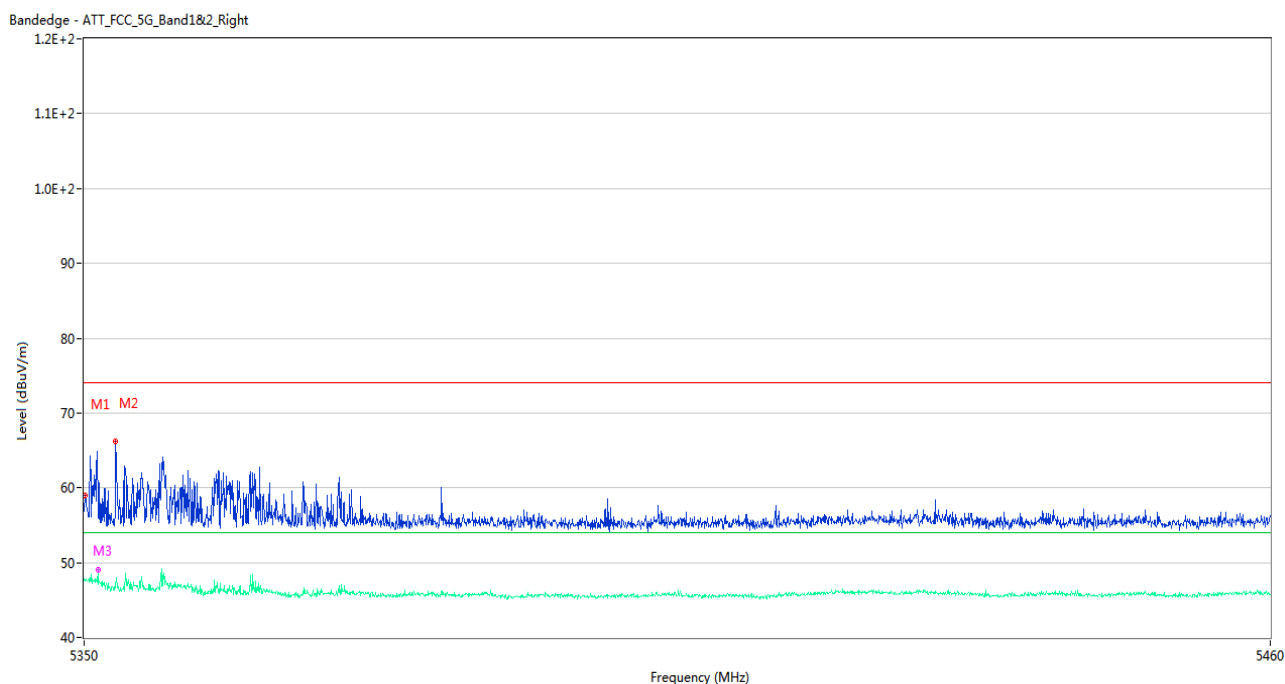
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	63.48	1.93	74.0	10.52	Peak	342.00	200	Horizontal	Pass
1**	5350.000	49.96	1.93	54.0	4.04	AV	342.00	200	Horizontal	Pass
2	5353.300	66.11	2.15	74.0	7.89	Peak	272.00	100	Horizontal	Pass
2**	5353.300	48.25	2.15	54.0	5.75	AV	272.00	100	Horizontal	Pass
3	5353.410	58.46	2.14	74.0	15.54	Peak	260.00	150	Horizontal	Pass
3**	5353.410	49.78	2.14	54.0	4.22	AV	260.00	150	Horizontal	Pass

U-NII-2A 11n20 High Channel



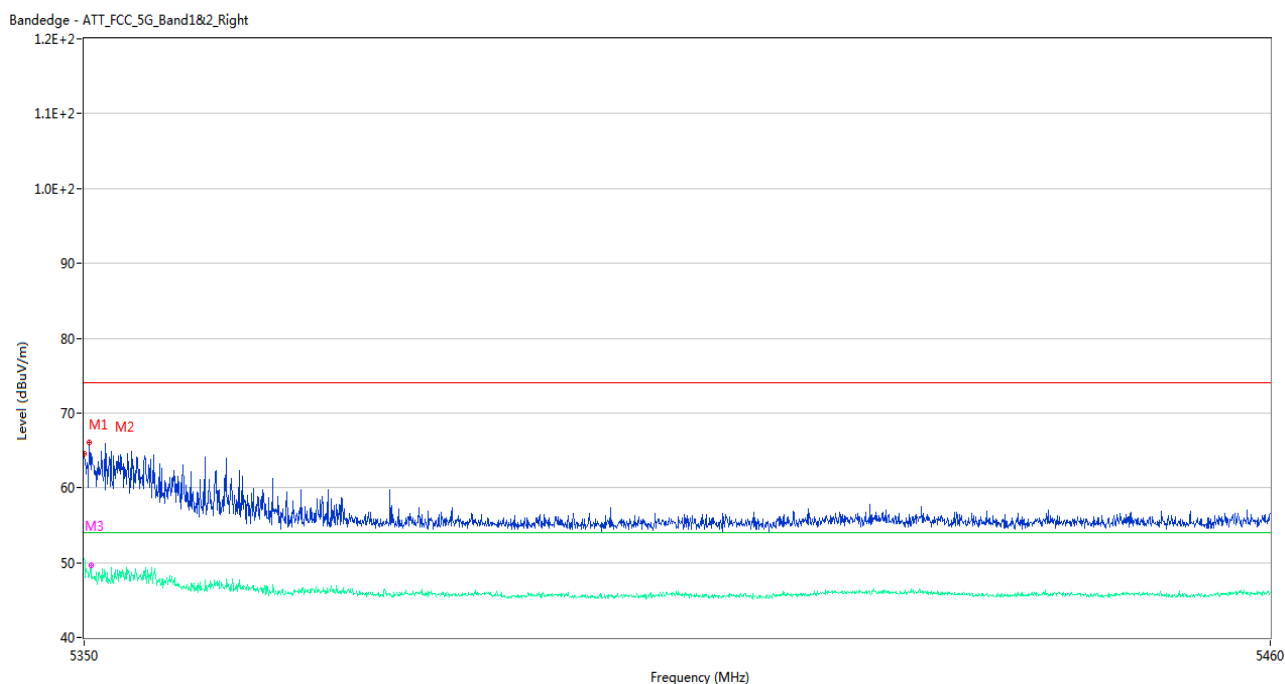
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	65.54	1.93	74.0	8.46	Peak	271.00	150	Horizontal	Pass
1**	5350.055	47.03	1.93	54.0	6.97	AV	271.00	150	Horizontal	Pass
2	5351.485	66.77	1.97	74.0	7.23	Peak	276.00	150	Horizontal	Pass
2**	5351.485	47.13	1.97	54.0	6.87	AV	276.00	150	Horizontal	Pass
3	5351.210	62.92	1.93	74.0	11.08	Peak	259.00	150	Horizontal	Pass
3**	5351.210	49.40	1.93	54.0	4.60	AV	259.00	150	Horizontal	Pass

U-NII-2A 11n40 High Channel



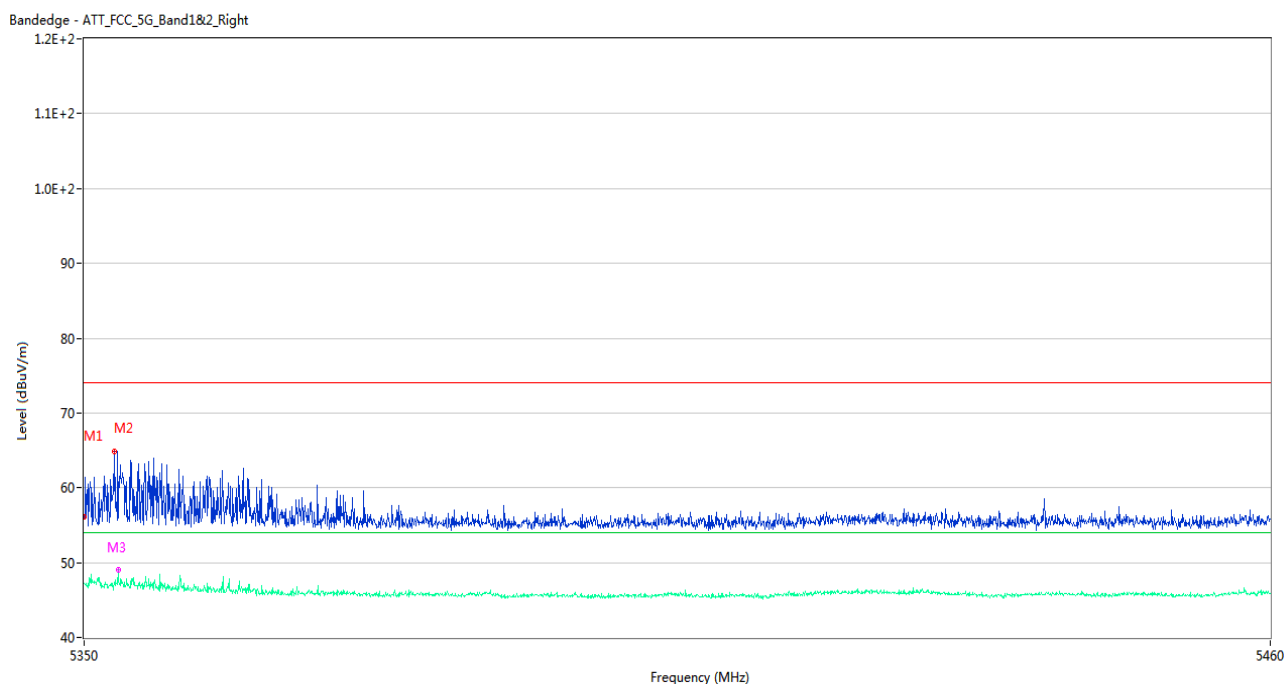
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	59.02	1.93	74.0	14.98	Peak	360.00	200	Horizontal	Pass
1**	5350.055	47.57	1.93	54.0	6.43	AV	360.00	200	Horizontal	Pass
2	5352.915	66.28	2.16	74.0	7.72	Peak	348.00	150	Horizontal	Pass
2**	5352.915	46.88	2.16	54.0	7.12	AV	348.00	150	Horizontal	Pass
3	5351.265	57.32	1.94	74.0	16.68	Peak	272.00	150	Horizontal	Pass
3**	5351.265	49.10	1.94	54.0	4.90	AV	272.00	150	Horizontal	Pass

U-NII-2A 11ac20 High Channel



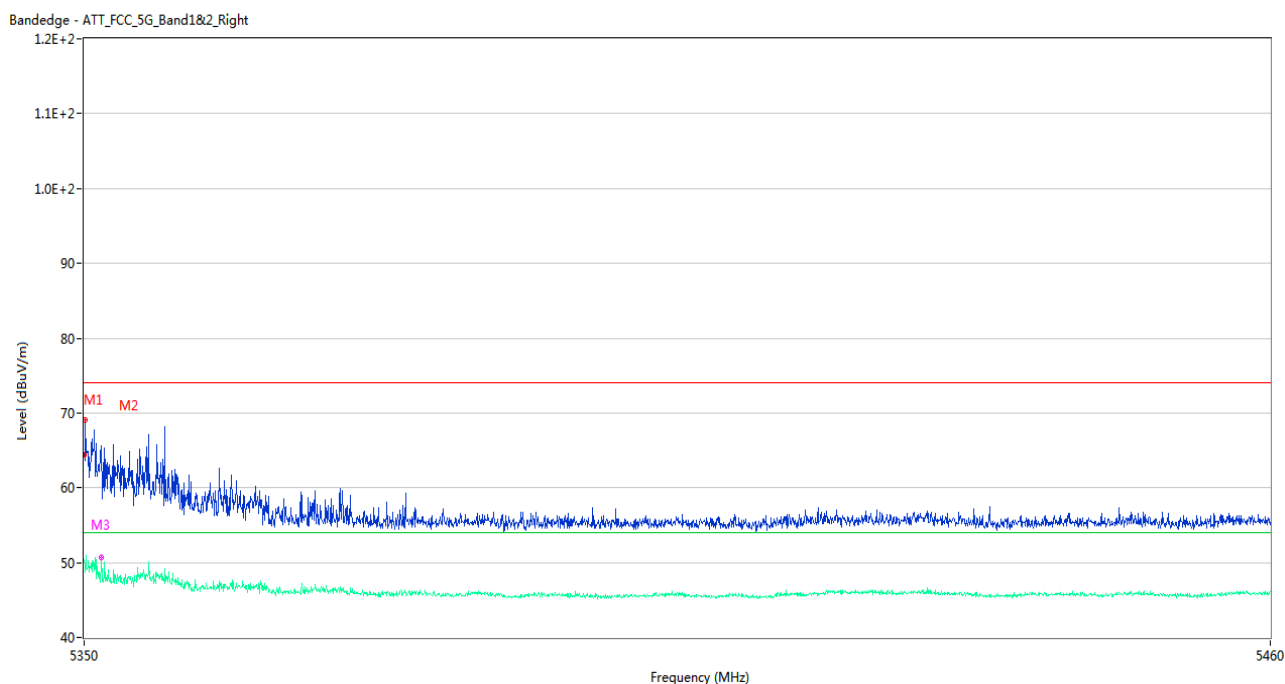
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.61	1.93	74.0	9.39	Peak	269.00	150	Horizontal	Pass
1**	5350.000	50.61	1.93	54.0	3.39	AV	269.00	150	Horizontal	Pass
2	5350.440	66.10	1.91	74.0	7.90	Peak	269.00	200	Horizontal	Pass
2**	5350.440	48.15	1.91	54.0	5.85	AV	269.00	200	Horizontal	Pass
3	5350.605	62.45	1.90	74.0	11.55	Peak	297.00	150	Horizontal	Pass
3**	5350.605	49.65	1.90	54.0	4.35	AV	297.00	150	Horizontal	Pass

U-NII-2A 11ac40 High Channel



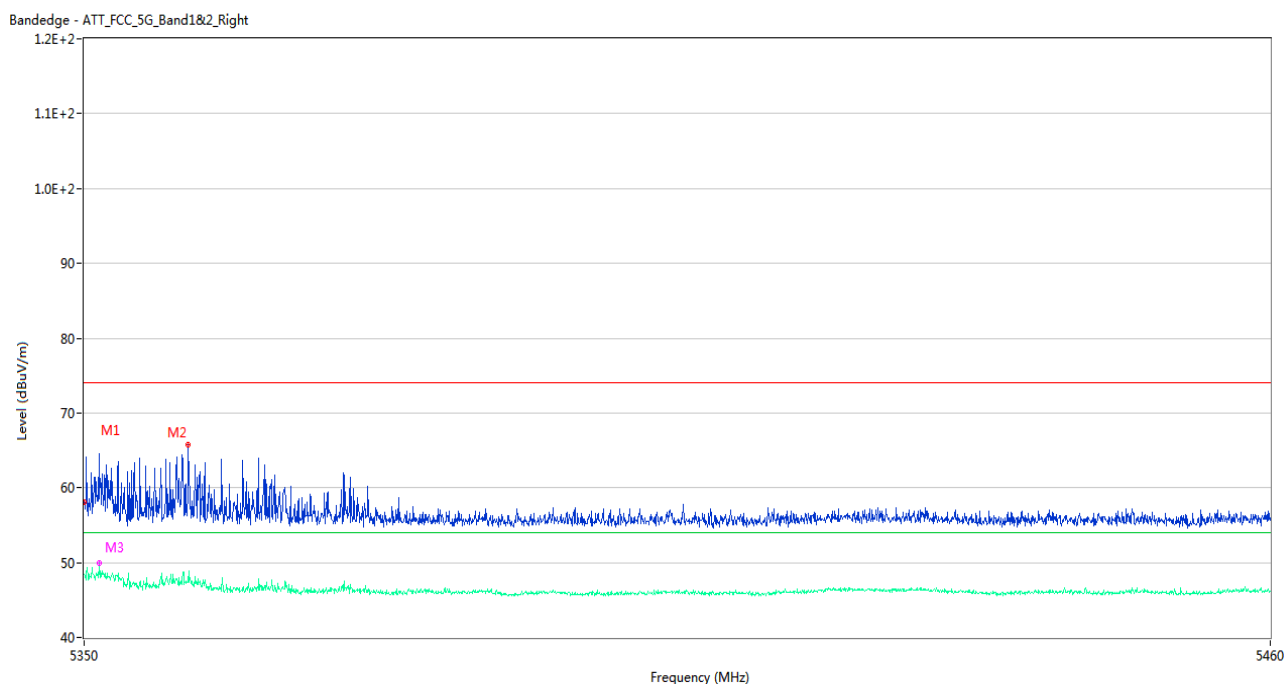
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.19	1.93	74.0	17.81	Peak	343.00	150	Horizontal	Pass
1**	5350.000	47.22	1.93	54.0	6.78	AV	343.00	150	Horizontal	Pass
2	5352.805	64.84	2.14	74.0	9.16	Peak	348.00	100	Horizontal	Pass
2**	5352.805	47.25	2.14	54.0	6.75	AV	348.00	100	Horizontal	Pass
3	5353.135	55.99	2.16	74.0	18.01	Peak	272.00	150	Horizontal	Pass
3**	5353.135	49.00	2.16	54.0	5.00	AV	272.00	150	Horizontal	Pass

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



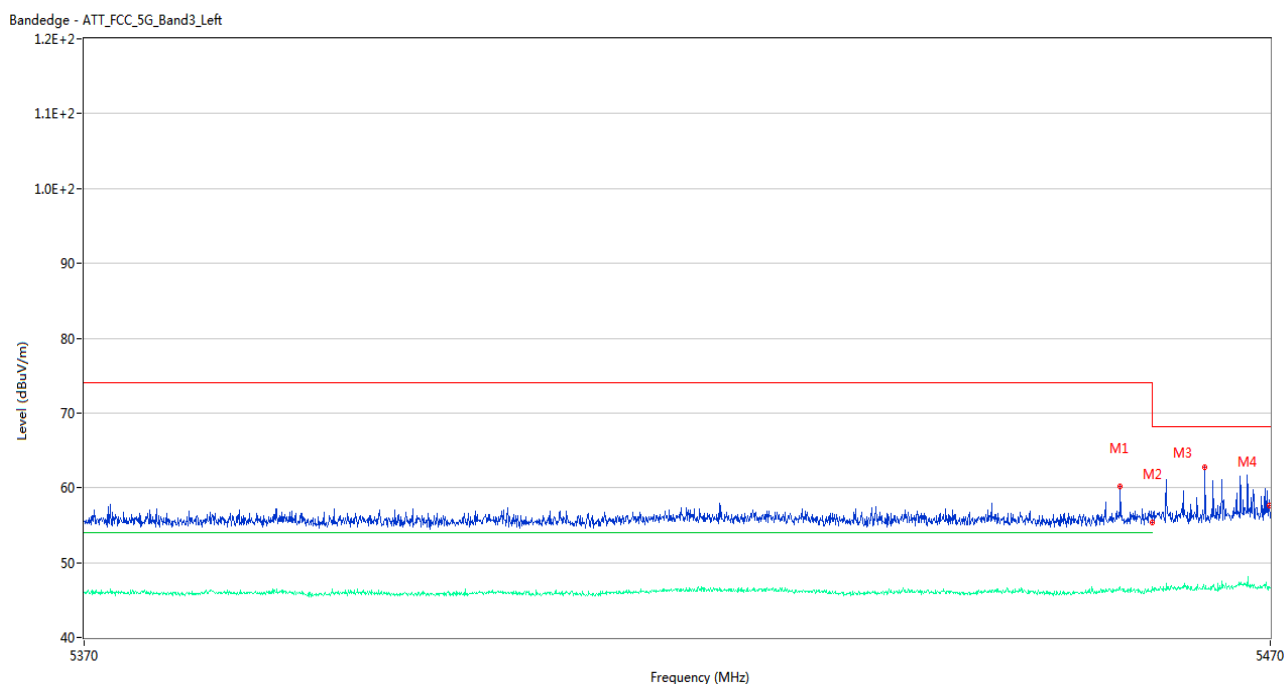
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.39	1.93	74.0	9.61	Peak	281.00	100	Horizontal	Pass
1**	5350.000	50.41	1.93	54.0	3.59	AV	281.00	100	Horizontal	Pass
2	5350.110	69.01	1.93	74.0	4.99	Peak	275.00	150	Horizontal	Pass
2**	5350.110	48.78	1.93	54.0	5.22	AV	275.00	150	Horizontal	Pass
3	5351.595	62.97	1.98	74.0	11.03	Peak	281.00	150	Horizontal	Pass
3**	5351.595	50.68	1.98	54.0	3.32	AV	281.00	150	Horizontal	Pass

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



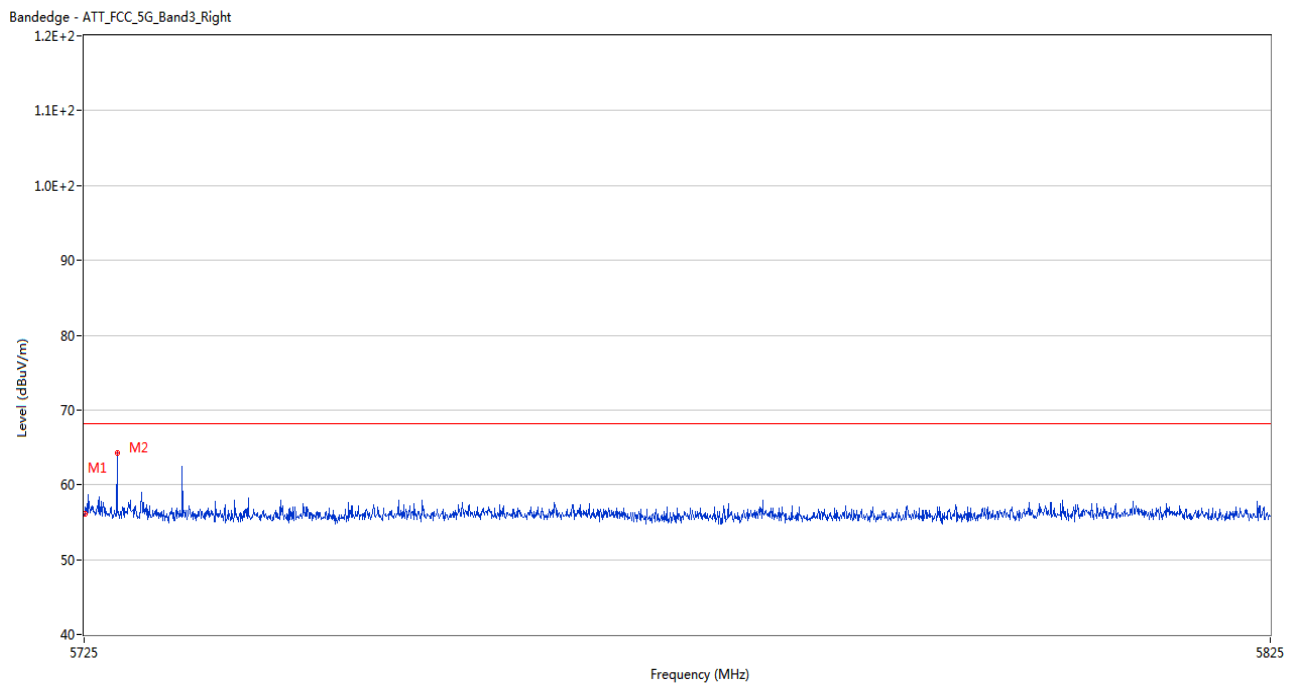
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.10	1.93	74.0	15.90	Peak	332.00	100	Horizontal	Pass
1**	5350.000	48.48	1.93	54.0	5.52	AV	332.00	100	Horizontal	Pass
2	5359.570	65.83	2.24	74.0	8.17	Peak	271.00	100	Horizontal	Pass
2**	5359.570	47.42	2.24	54.0	6.58	AV	271.00	100	Horizontal	Pass
3	5351.430	58.47	1.96	74.0	15.53	Peak	271.00	150	Horizontal	Pass
3**	5351.430	49.90	1.96	54.0	4.10	AV	271.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel



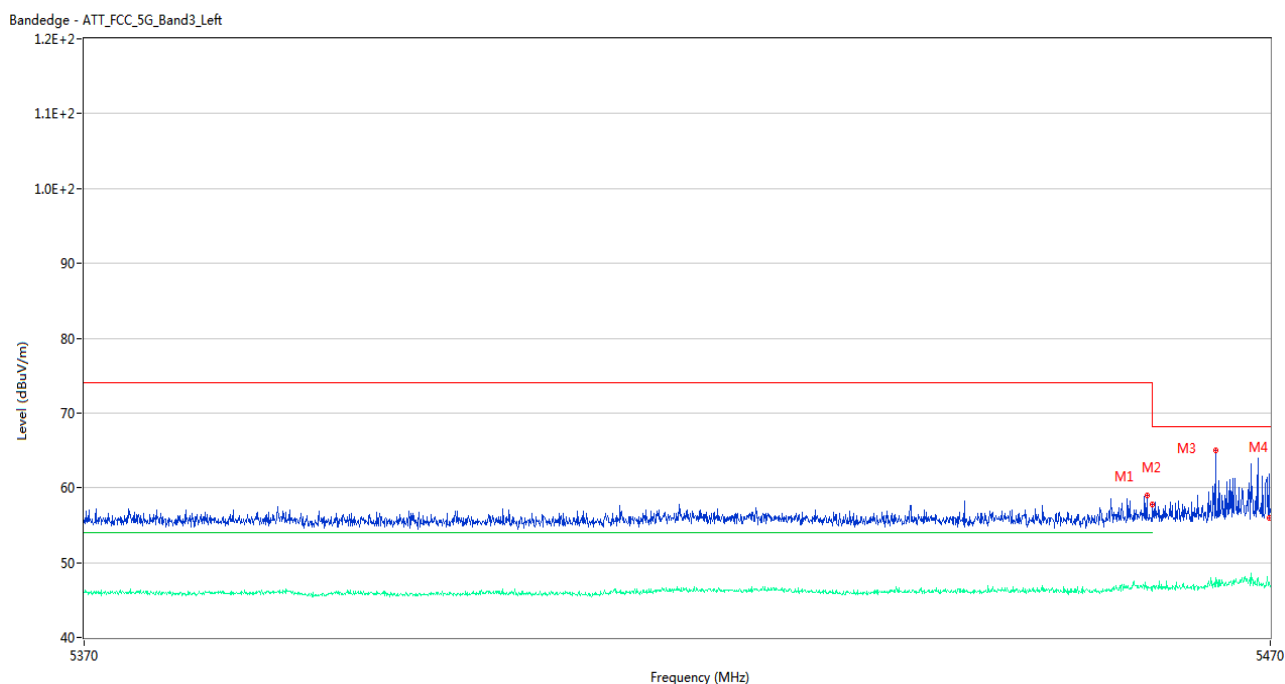
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.250	60.25	2.51	74.0	13.75	Peak	276.00	150	Horizontal	Pass
1**	5457.250	46.46	2.51	54.0	7.54	AV	276.00	150	Horizontal	Pass
2	5460.000	55.42	2.50	74.0	18.58	Peak	26.00	100	Horizontal	Pass
2**	5460.000	46.80	2.50	54.0	7.20	AV	26.00	100	Horizontal	Pass
3	5464.450	62.69	2.75	68.2	5.51	Peak	326.00	100	Horizontal	Pass
3**	5464.450	46.53	2.75	--	--	AV	326.00	100	Horizontal	N/A
4	5469.950	57.58	2.87	68.2	10.62	Peak	162.00	100	Horizontal	Pass
4**	5469.950	46.81	2.87	--	--	AV	162.00	100	Horizontal	N/A

U-NII-2C 11a High Channel



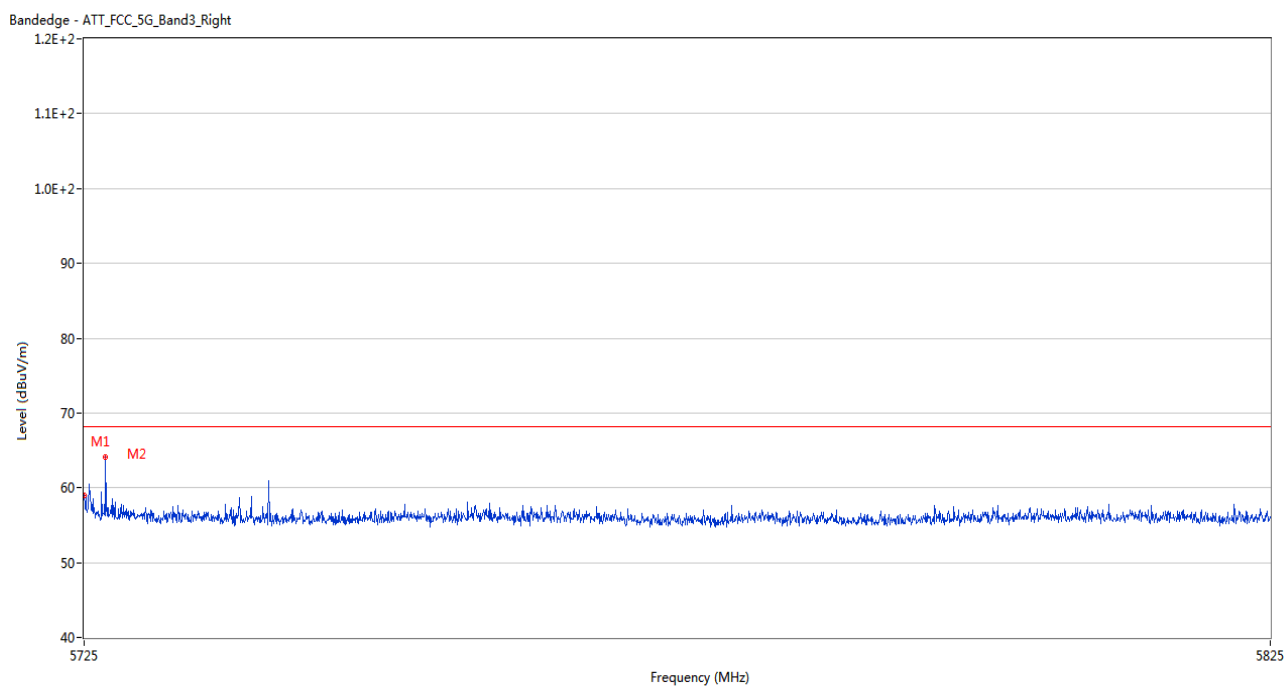
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	56.08	2.55	68.2	12.12	Peak	187.00	150	Horizontal	Pass
2	5727.750	64.25	2.56	68.2	3.95	Peak	281.00	100	Horizontal	Pass

U-NII-2C 11n20 Low Channel



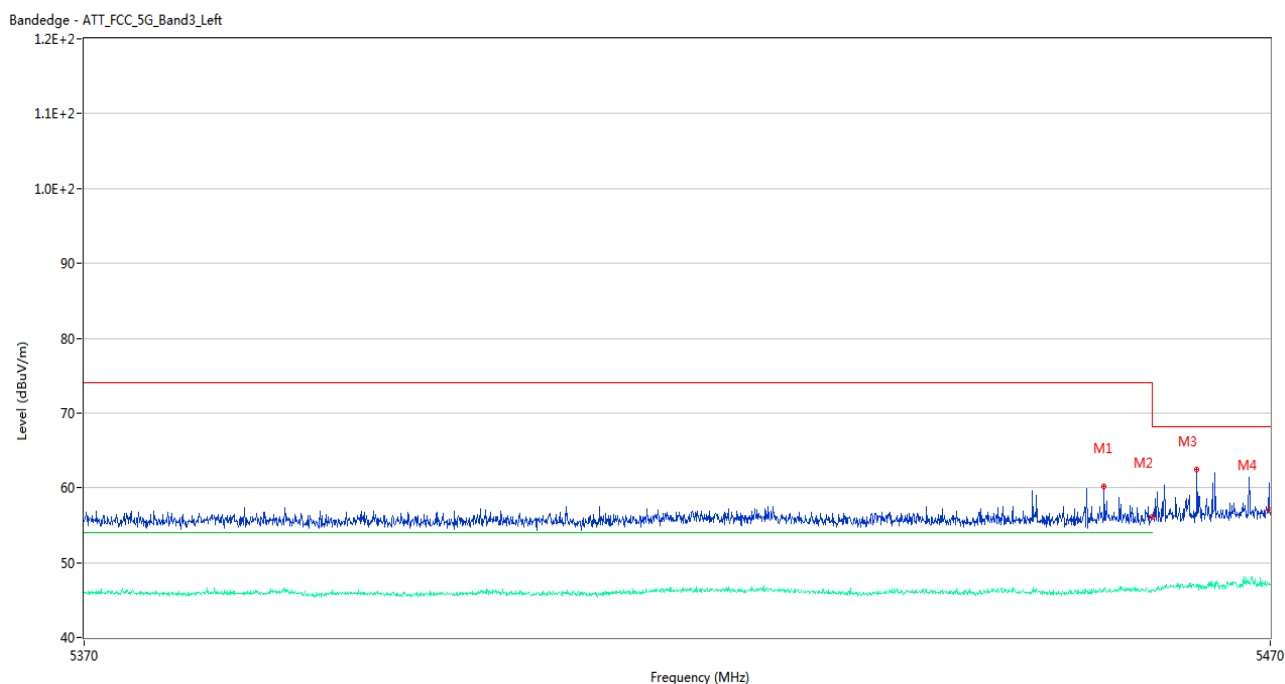
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.500	59.06	2.43	74.0	14.94	Peak	270.00	150	Horizontal	Pass
1**	5459.500	46.38	2.43	54.0	7.62	AV	270.00	150	Horizontal	Pass
2	5460.000	57.81	2.50	74.0	16.19	Peak	272.00	100	Horizontal	Pass
2**	5460.000	46.58	2.50	54.0	7.42	AV	272.00	100	Horizontal	Pass
3	5465.350	65.03	2.68	68.2	3.17	Peak	270.00	100	Horizontal	Pass
3**	5465.350	46.81	2.68	--	--	AV	270.00	100	Horizontal	N/A
4	5469.950	56.01	2.87	68.2	12.19	Peak	309.00	200	Horizontal	Pass
4**	5469.950	47.42	2.87	--	--	AV	309.00	200	Horizontal	N/A

U-NII-2C 11n20 High Channel



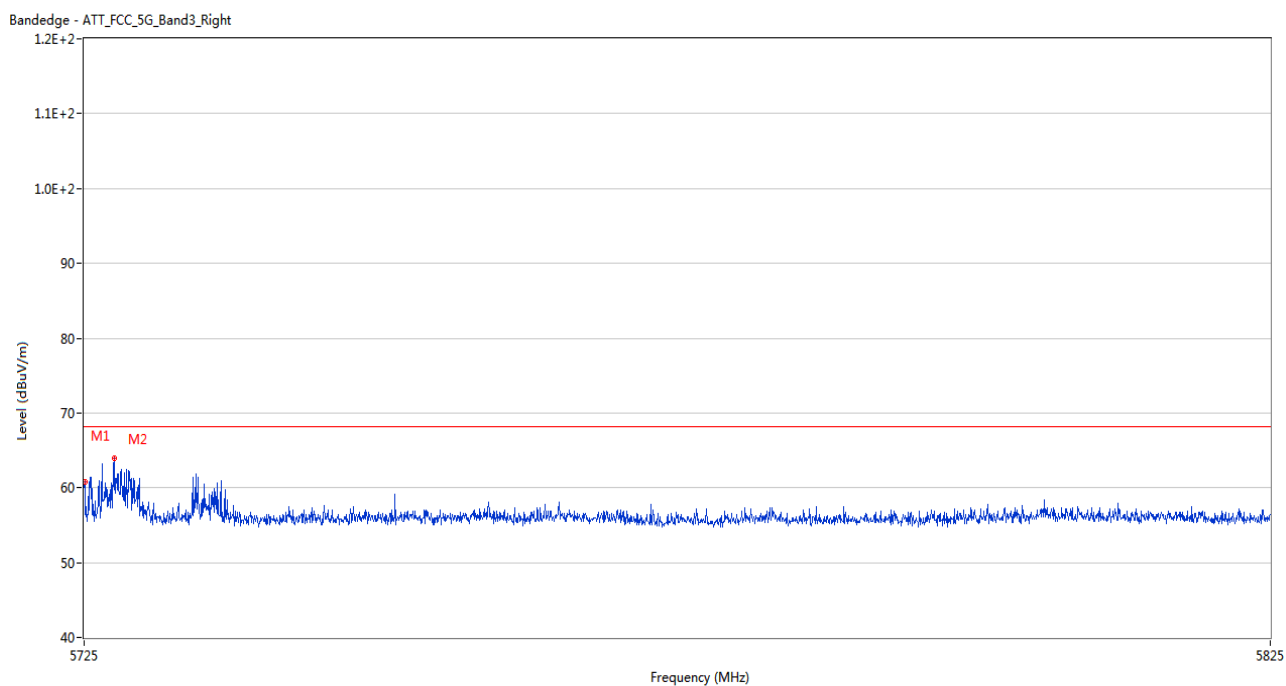
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.99	2.55	68.2	9.21	Peak	277.00	200	Horizontal	Pass
2	5726.800	64.14	2.51	68.2	4.06	Peak	280.00	200	Horizontal	Pass

U-NII-2C 11n40 Low Channel



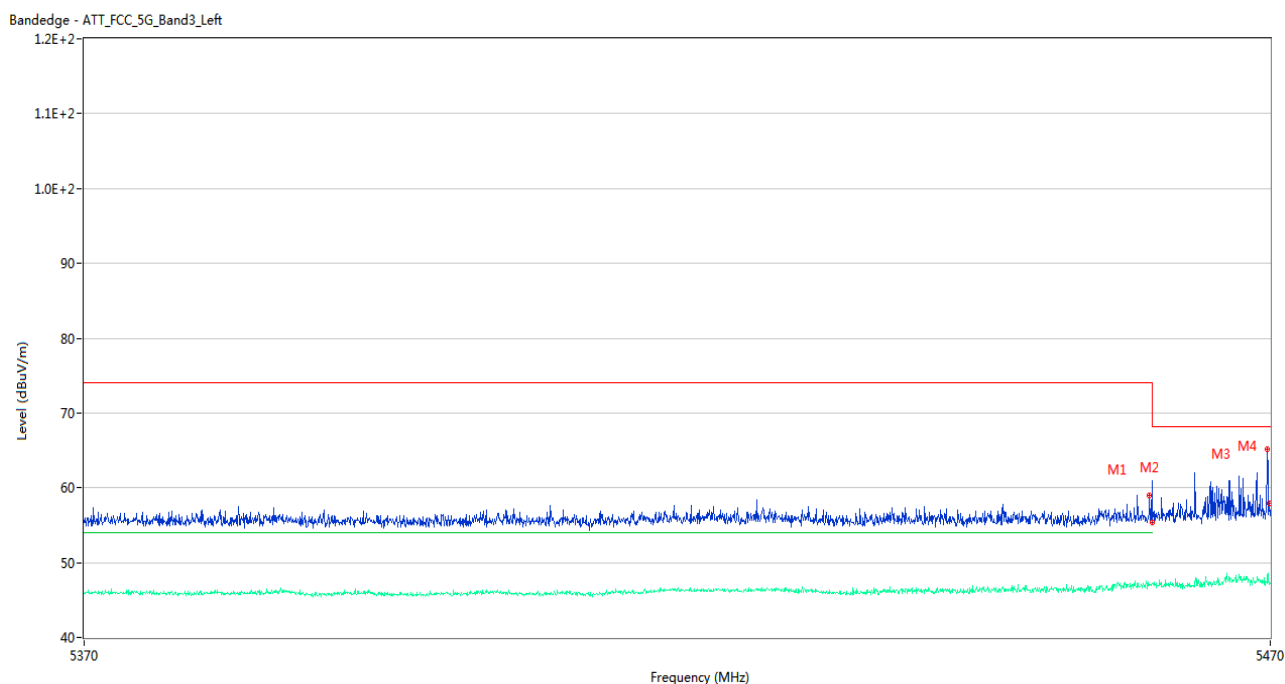
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5455.900	60.24	2.39	74.0	13.76	Peak	263.00	150	Horizontal	Pass
1**	5455.900	46.14	2.39	54.0	7.86	AV	263.00	150	Horizontal	Pass
2	5460.000	56.13	2.50	74.0	17.87	Peak	4.00	150	Horizontal	Pass
2**	5460.000	46.28	2.50	54.0	7.72	AV	4.00	150	Horizontal	Pass
3	5463.750	62.43	2.80	68.2	5.77	Peak	306.00	200	Horizontal	Pass
3**	5463.750	47.12	2.80	--	--	AV	306.00	200	Horizontal	N/A
4	5469.950	57.00	2.87	68.2	11.20	Peak	359.00	200	Horizontal	Pass
4**	5469.950	47.20	2.87	--	--	AV	359.00	200	Horizontal	N/A

U-NII-2C 11n40 High Channel



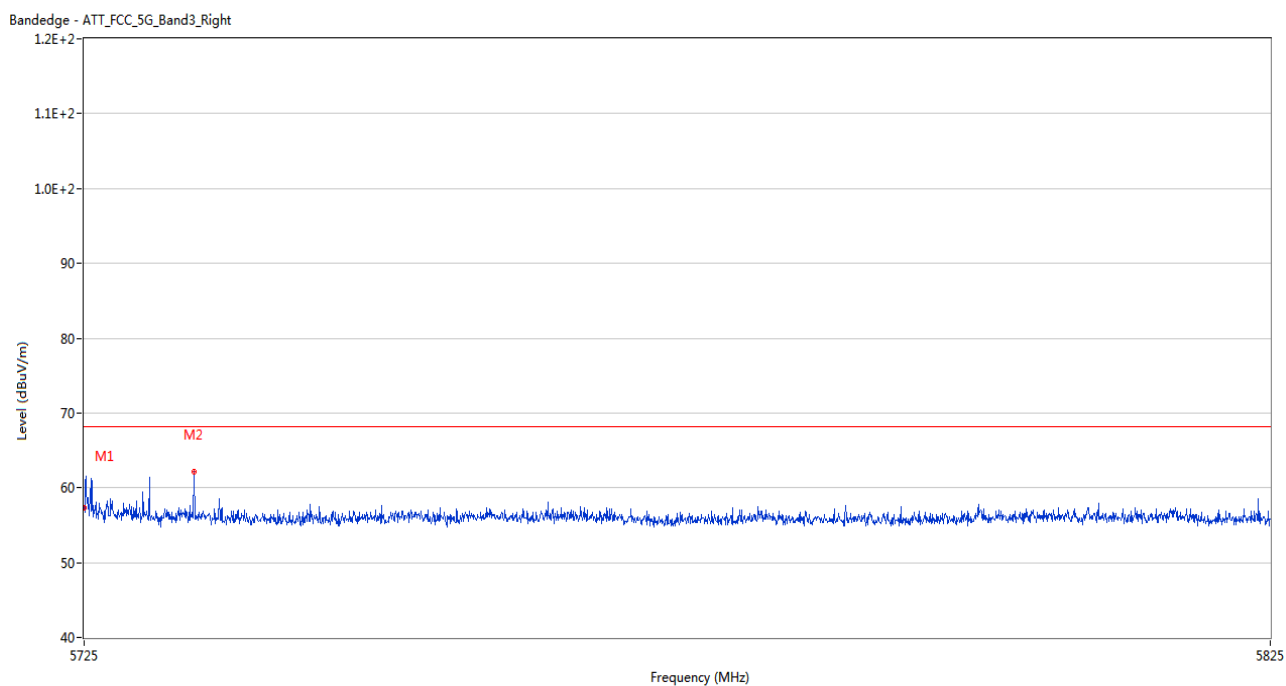
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	60.79	2.55	68.2	7.41	Peak	303.00	100	Horizontal	Pass
2	5727.500	64.03	2.55	68.2	4.17	Peak	271.00	200	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



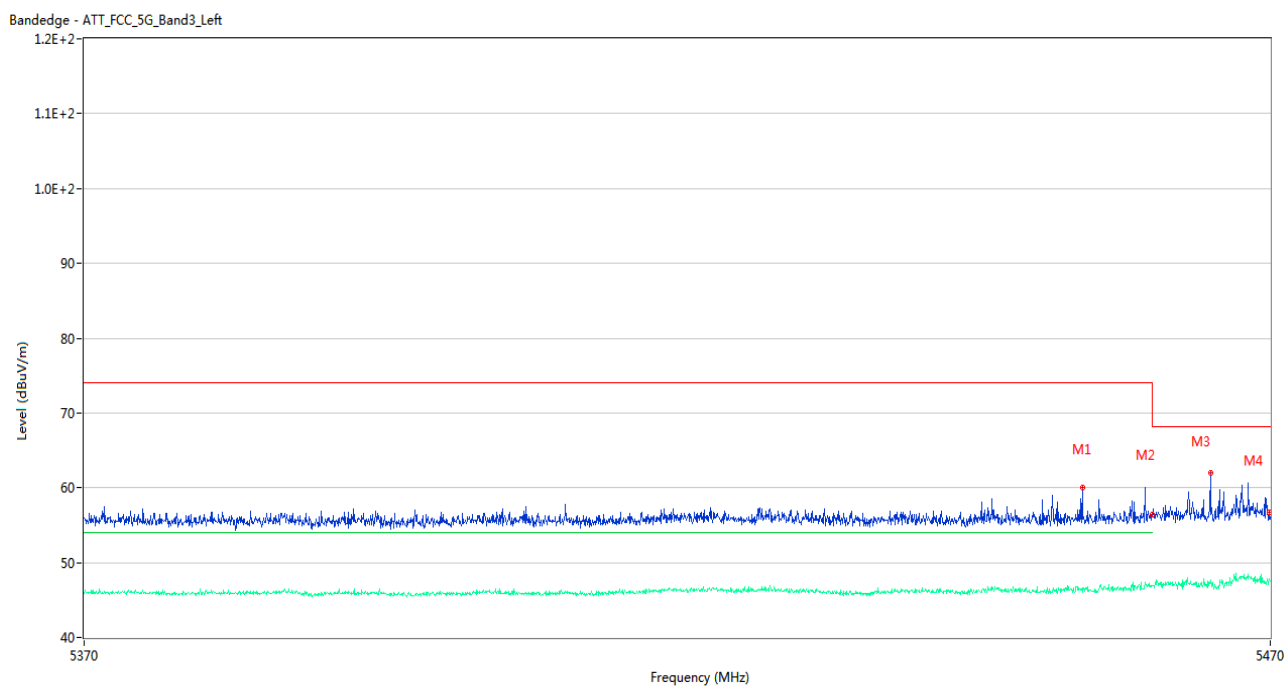
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.750	59.03	2.46	74.0	14.97	Peak	325.00	150	Horizontal	Pass
1**	5459.750	46.96	2.46	54.0	7.04	AV	325.00	150	Horizontal	Pass
2	5460.000	55.40	2.50	74.0	18.60	Peak	176.00	150	Horizontal	Pass
2**	5460.000	47.17	2.50	54.0	6.83	AV	176.00	150	Horizontal	Pass
3	5469.750	65.18	2.88	68.2	3.02	Peak	284.00	200	Horizontal	Pass
3**	5469.750	48.22	2.88	--	--	AV	284.00	200	Horizontal	N/A
4	5469.950	57.99	2.87	68.2	10.21	Peak	257.00	200	Horizontal	Pass
4**	5469.950	47.07	2.87	--	--	AV	257.00	200	Horizontal	N/A

U-NII-2C 11ac20 High Channel



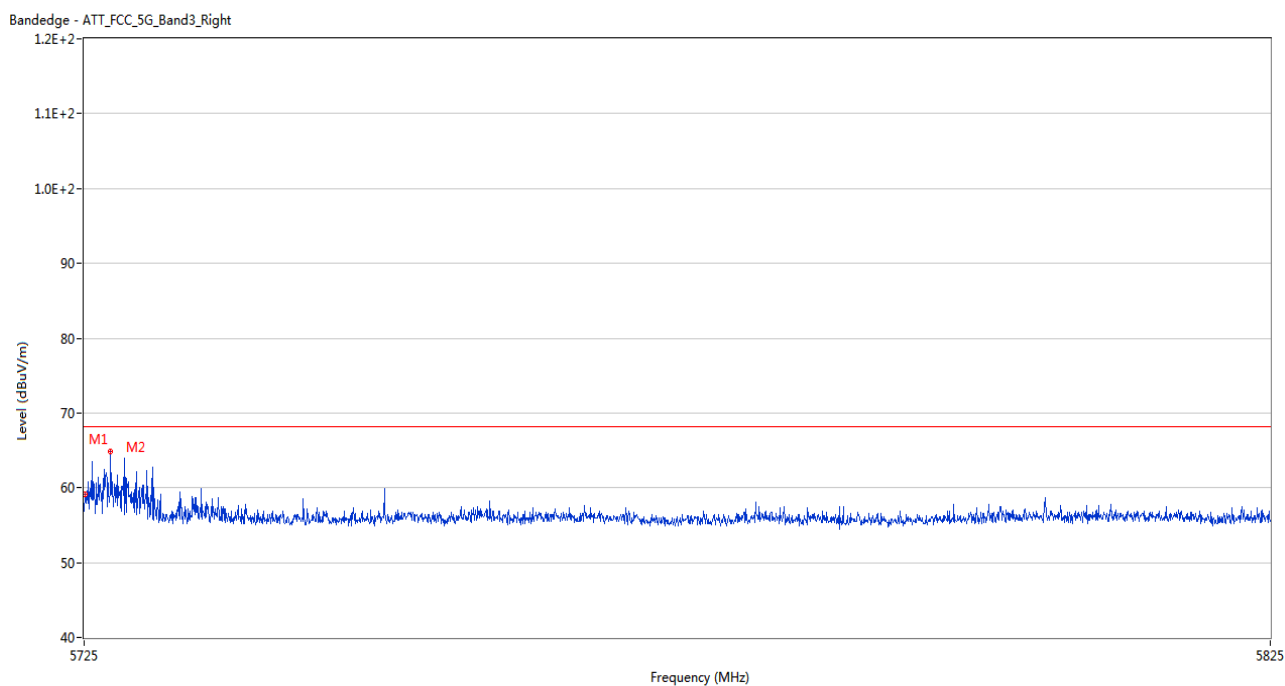
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.28	2.55	68.2	10.92	Peak	278.00	150	Horizontal	Pass
2	5734.200	62.14	2.26	68.2	6.06	Peak	306.00	100	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



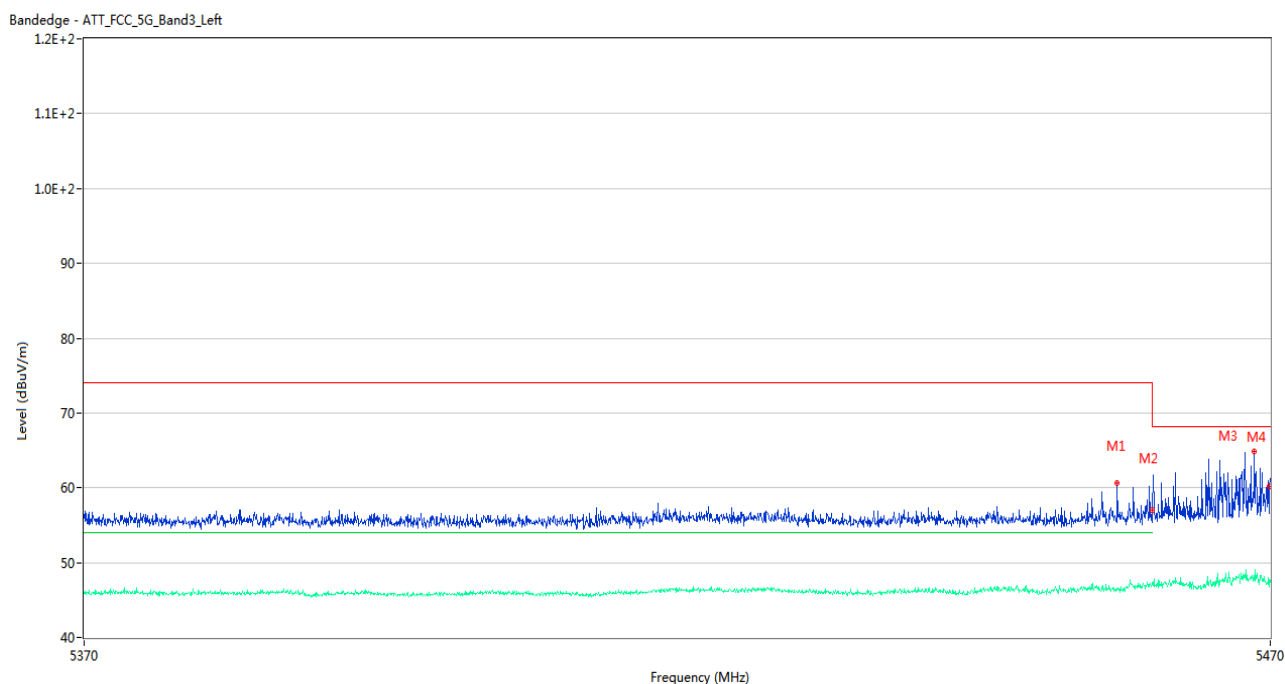
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5454.050	60.11	2.21	74.0	13.89	Peak	273.00	150	Horizontal	Pass
1**	5454.050	45.99	2.21	54.0	8.01	AV	273.00	150	Horizontal	Pass
2	5460.000	56.47	2.50	74.0	17.53	Peak	154.00	150	Horizontal	Pass
2**	5460.000	46.97	2.50	54.0	7.03	AV	154.00	150	Horizontal	Pass
3	5464.900	61.99	2.71	68.2	6.21	Peak	311.00	200	Horizontal	Pass
3**	5464.900	47.58	2.71	--	--	AV	311.00	200	Horizontal	N/A
4	5469.950	56.65	2.87	68.2	11.55	Peak	320.00	200	Horizontal	Pass
4**	5469.950	47.87	2.87	--	--	AV	320.00	200	Horizontal	N/A

U-NII-2C 11ac40 High Channel



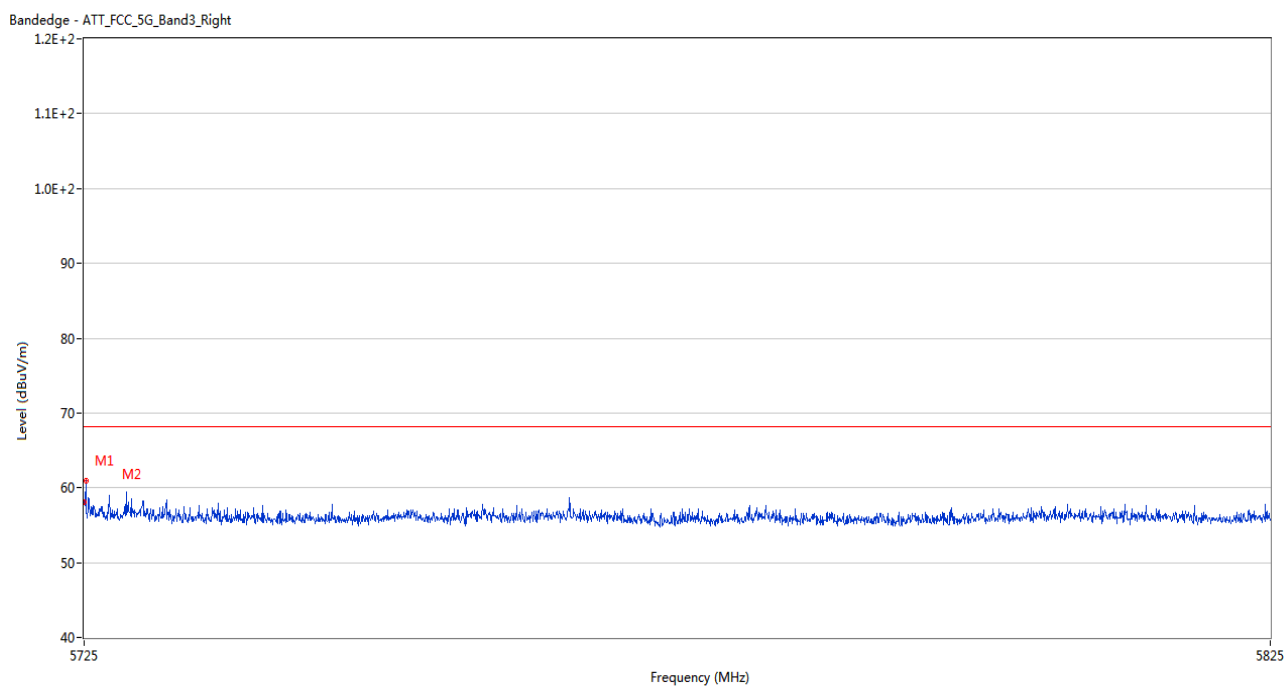
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	59.08	2.55	68.2	9.12	Peak	296.00	200	Horizontal	Pass
2	5727.200	64.88	2.52	68.2	3.32	Peak	277.00	200	Horizontal	Pass

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



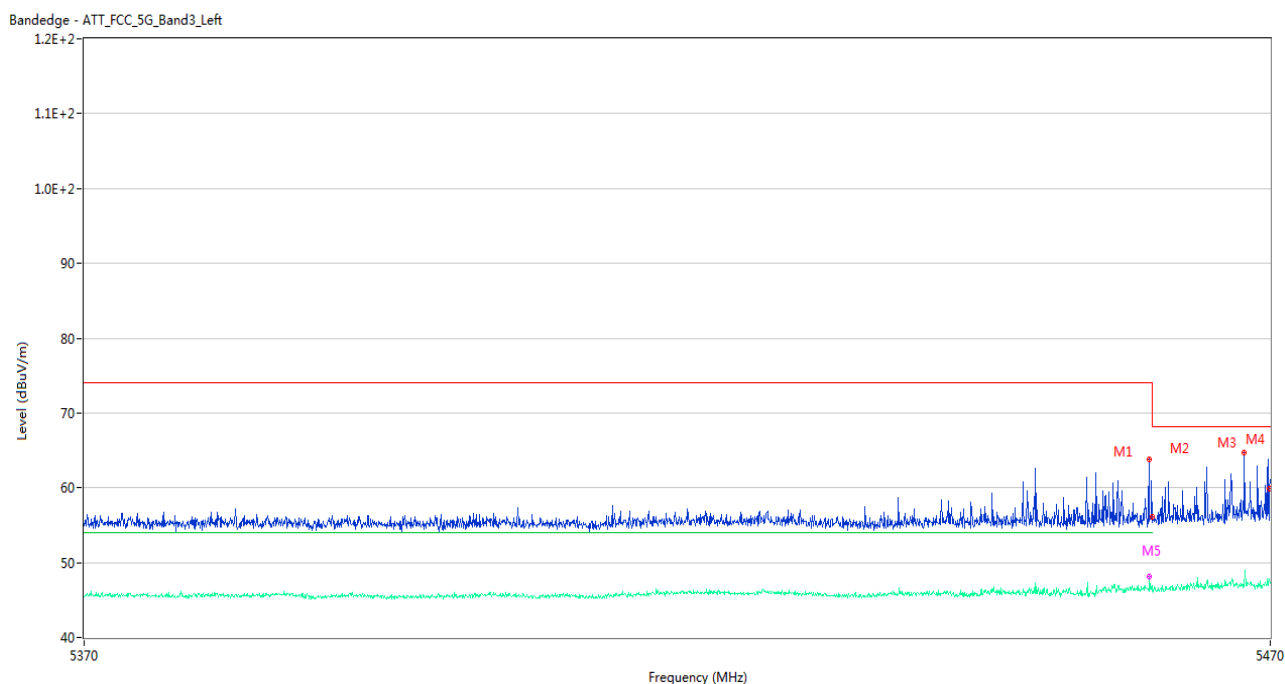
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.000	60.61	2.51	74.0	13.39	Peak	288.00	150	Horizontal	Pass
1**	5457.000	46.36	2.51	54.0	7.64	AV	288.00	150	Horizontal	Pass
2	5460.000	57.04	2.50	74.0	16.96	Peak	45.00	100	Horizontal	Pass
2**	5460.000	47.38	2.50	54.0	6.62	AV	45.00	100	Horizontal	Pass
3	5468.650	64.83	3.04	68.2	3.37	Peak	270.00	100	Horizontal	Pass
3**	5468.650	47.66	3.04	--	--	AV	270.00	100	Horizontal	N/A
4	5469.950	60.21	2.87	68.2	7.99	Peak	348.00	100	Horizontal	Pass
4**	5469.950	46.79	2.87	--	--	AV	348.00	100	Horizontal	N/A

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



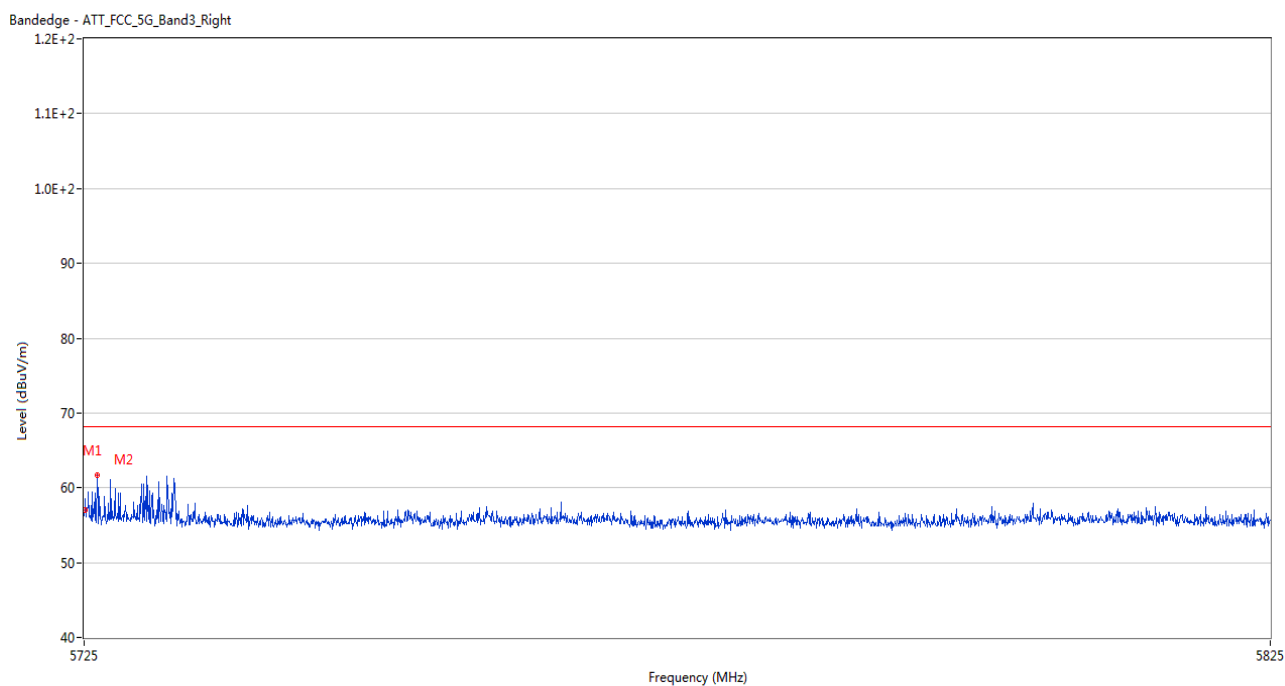
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.06	2.55	68.2	10.14	Peak	276.00	100	Horizontal	Pass
2	5725.150	60.98	2.55	68.2	7.22	Peak	274.00	200	Horizontal	Pass

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



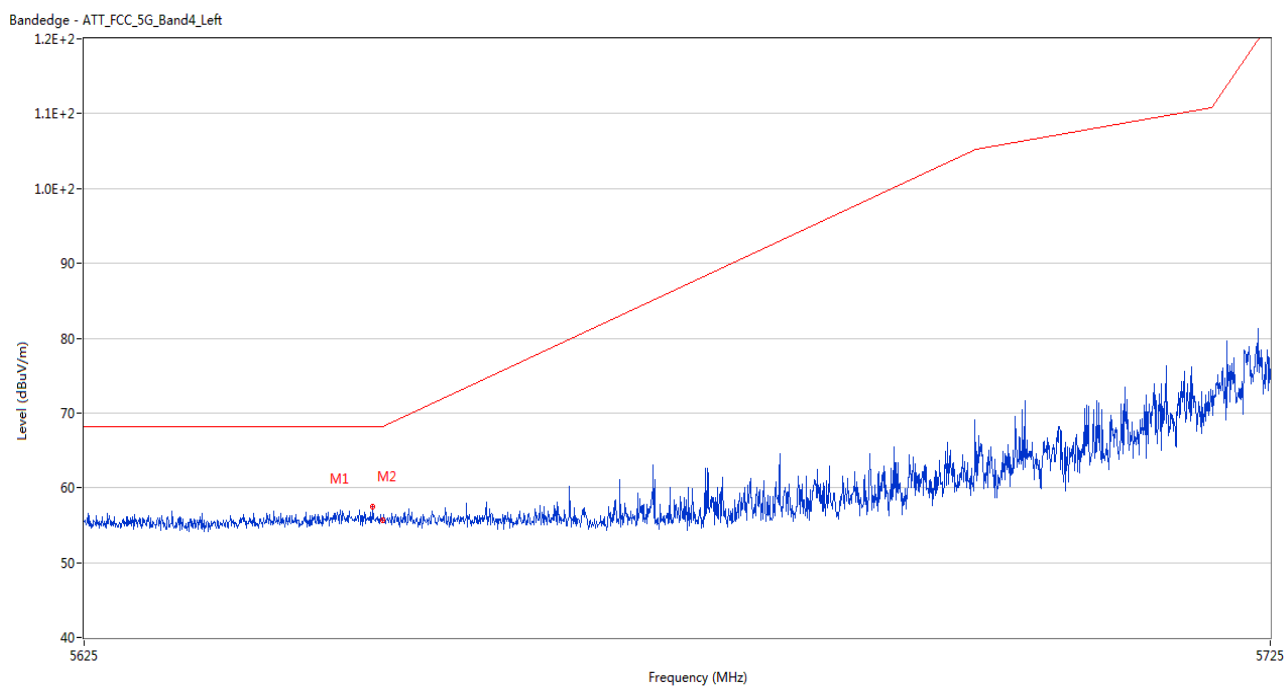
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.700	63.82	2.46	74.0	10.18	Peak	275.00	100	Horizontal	Pass
1**	5459.700	46.17	2.46	54.0	7.83	AV	275.00	100	Horizontal	Pass
2	5460.000	56.06	2.50	74.0	17.94	Peak	200.00	200	Horizontal	Pass
2**	5460.000	46.24	2.50	54.0	7.76	AV	200.00	200	Horizontal	Pass
3	5467.800	64.66	3.15	68.2	3.54	Peak	283.00	200	Horizontal	Pass
3**	5467.800	46.72	3.15	--	--	AV	283.00	200	Horizontal	N/A
4	5469.950	59.85	2.87	68.2	8.35	Peak	352.00	200	Horizontal	Pass
4**	5469.950	47.69	2.87	--	--	AV	352.00	200	Horizontal	N/A
5	5459.750	55.56	2.46	74.0	18.44	Peak	283.00	150	Horizontal	Pass
5**	5459.750	48.21	2.46	54.0	5.79	AV	283.00	150	Horizontal	Pass

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



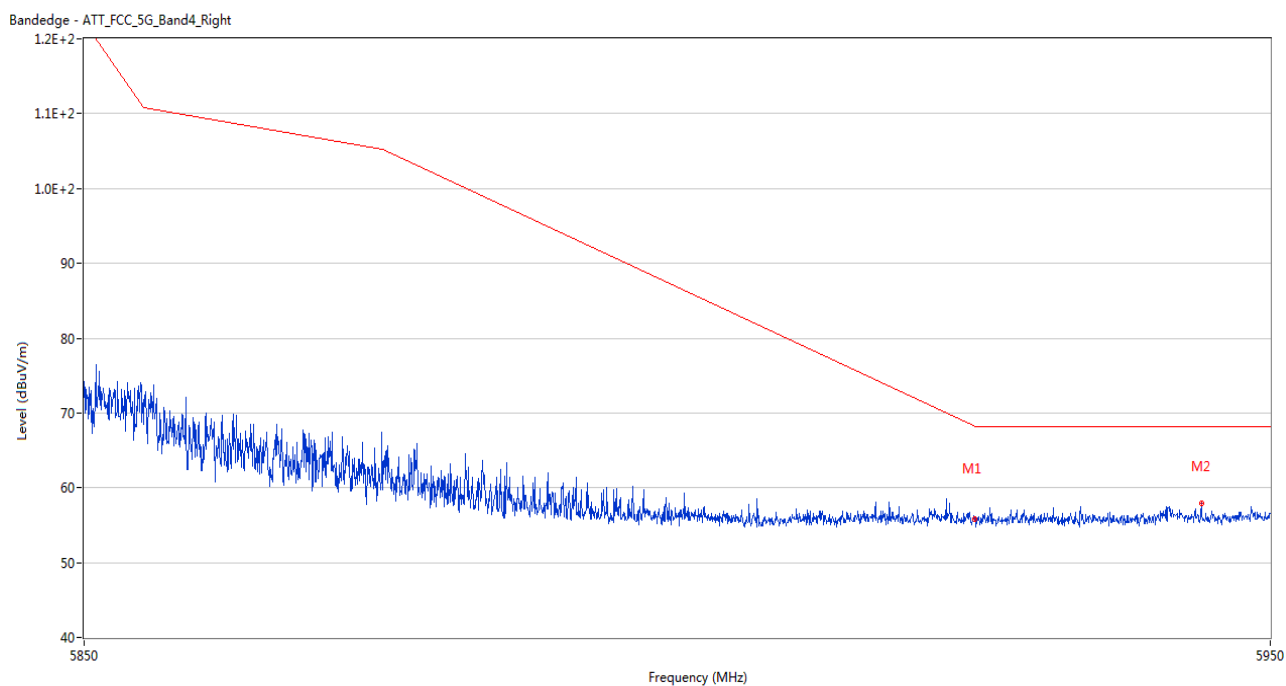
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.050	56.97	2.55	68.2	11.23	Peak	314.00	150	Horizontal	Pass
2	5726.100	61.76	2.53	68.2	6.44	Peak	280.00	200	Horizontal	Pass

U-NII-3 11a Low Channel



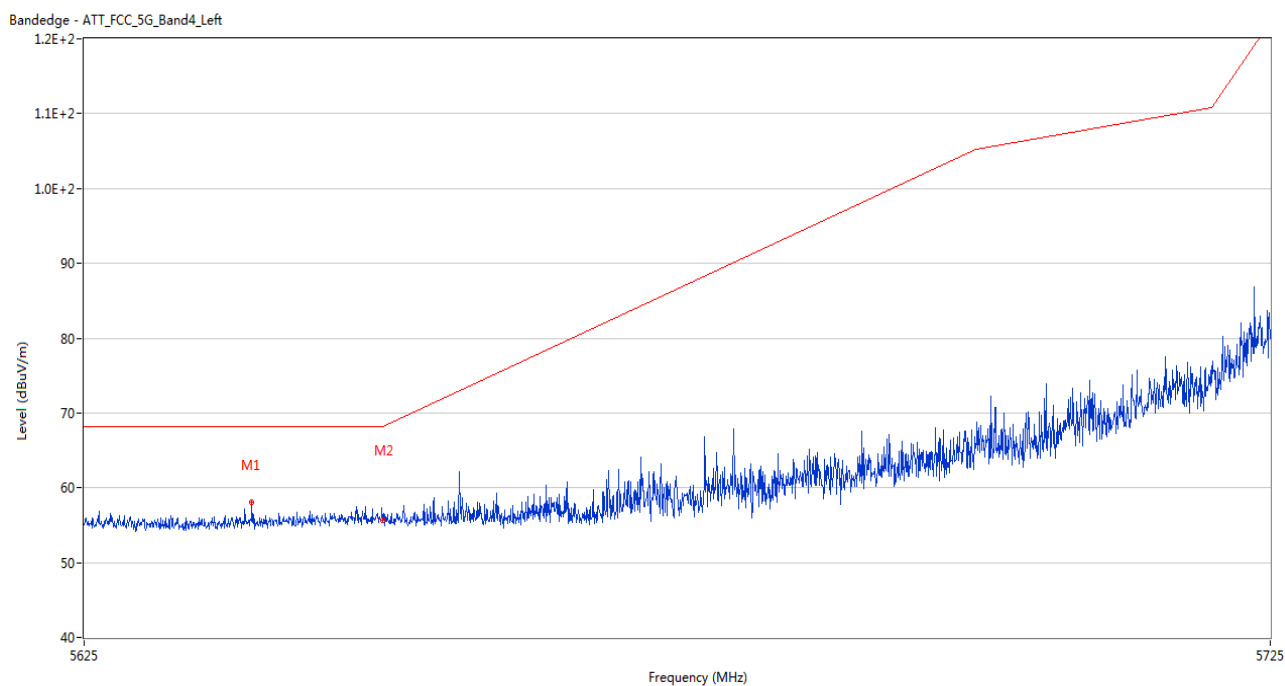
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.200	57.48	2.52	68.2	10.72	Peak	275.00	200	Horizontal	Pass
2	5650.000	55.74	2.54	68.2	12.46	Peak	73.00	100	Horizontal	Pass

U-NII-3 11a High Channel



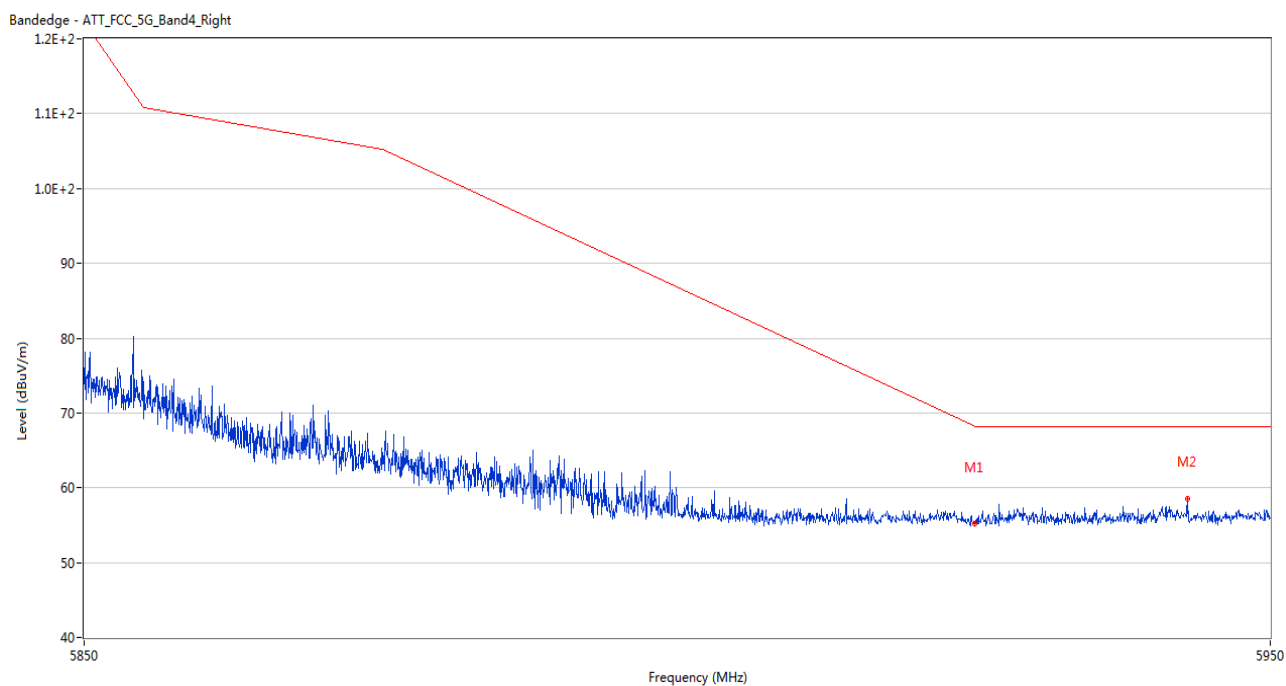
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.76	2.32	68.2	12.44	Peak	183.00	200	Horizontal	Pass
2	5944.150	57.90	2.42	68.2	10.30	Peak	196.00	150	Horizontal	Pass

U-NII-3 11n20 Low Channel



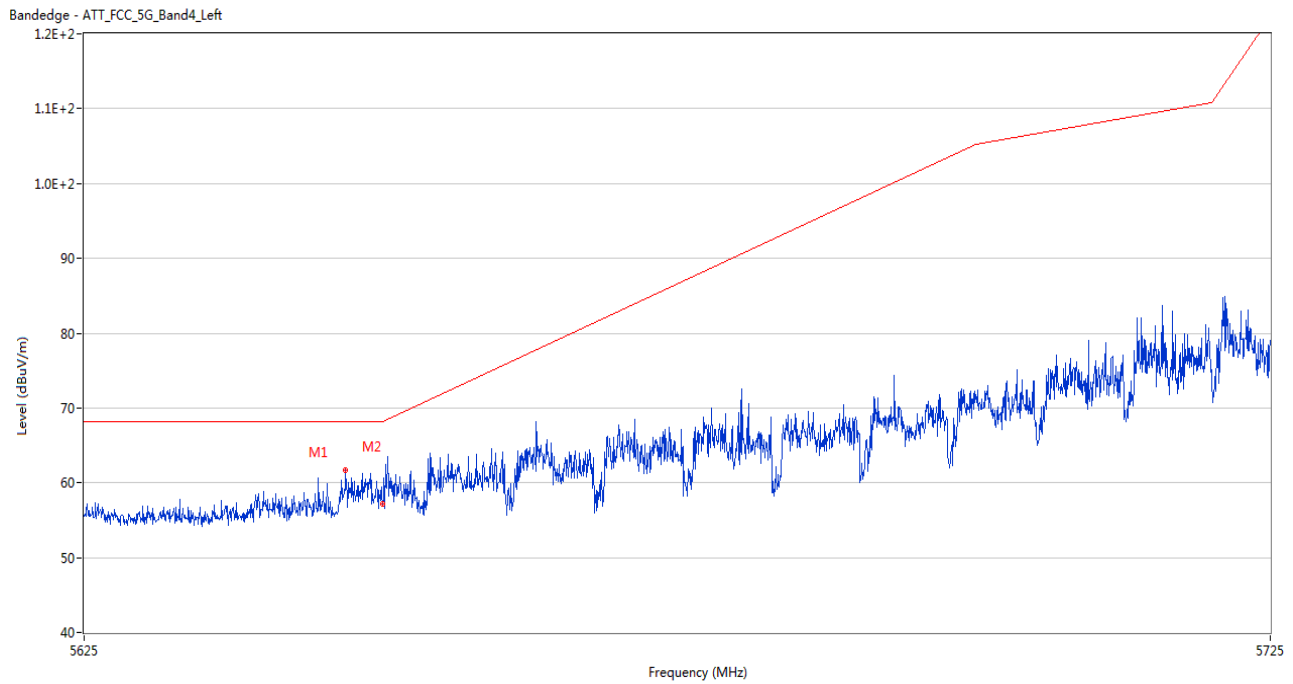
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5639.050	58.06	2.34	68.2	10.14	Peak	281.00	150	Horizontal	Pass
2	5650.000	55.59	2.54	68.2	12.61	Peak	256.00	150	Horizontal	Pass

U-NII-3 11n20 High Channel



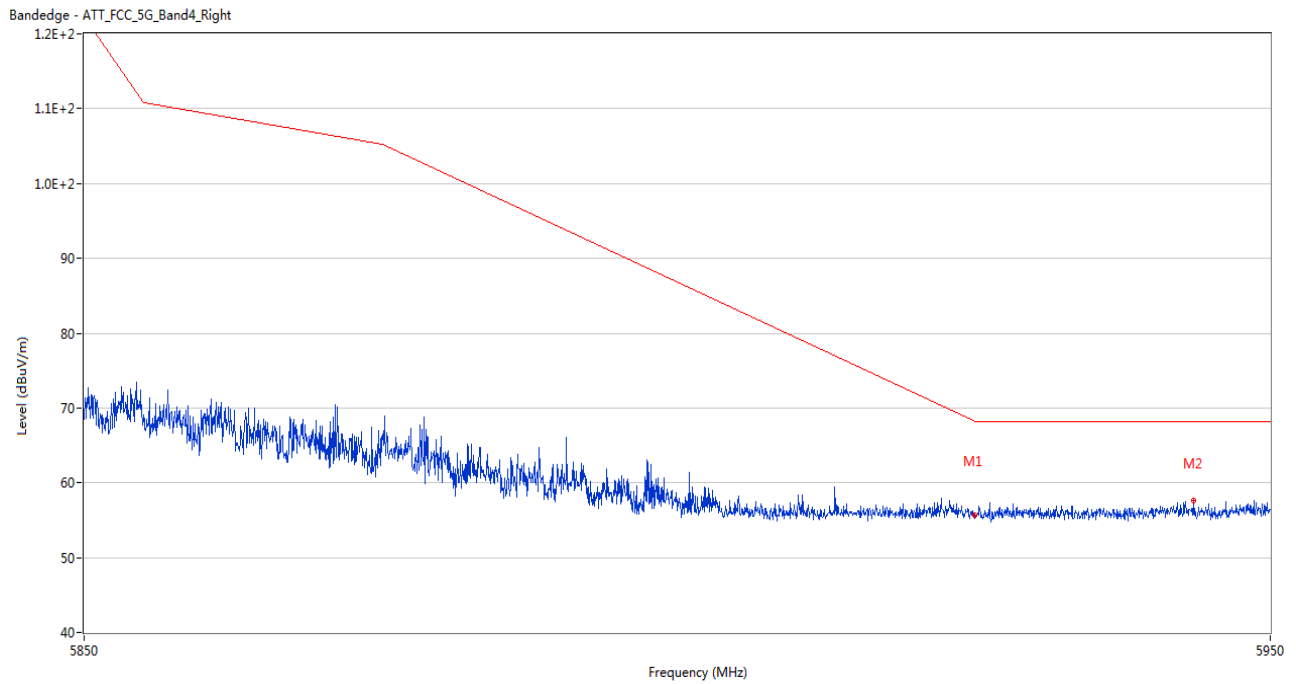
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.22	2.32	68.2	12.98	Peak	138.00	200	Horizontal	Pass
2	5942.950	58.50	2.62	68.2	9.70	Peak	87.00	150	Horizontal	Pass

U-NII-3 11n40 Low Channel



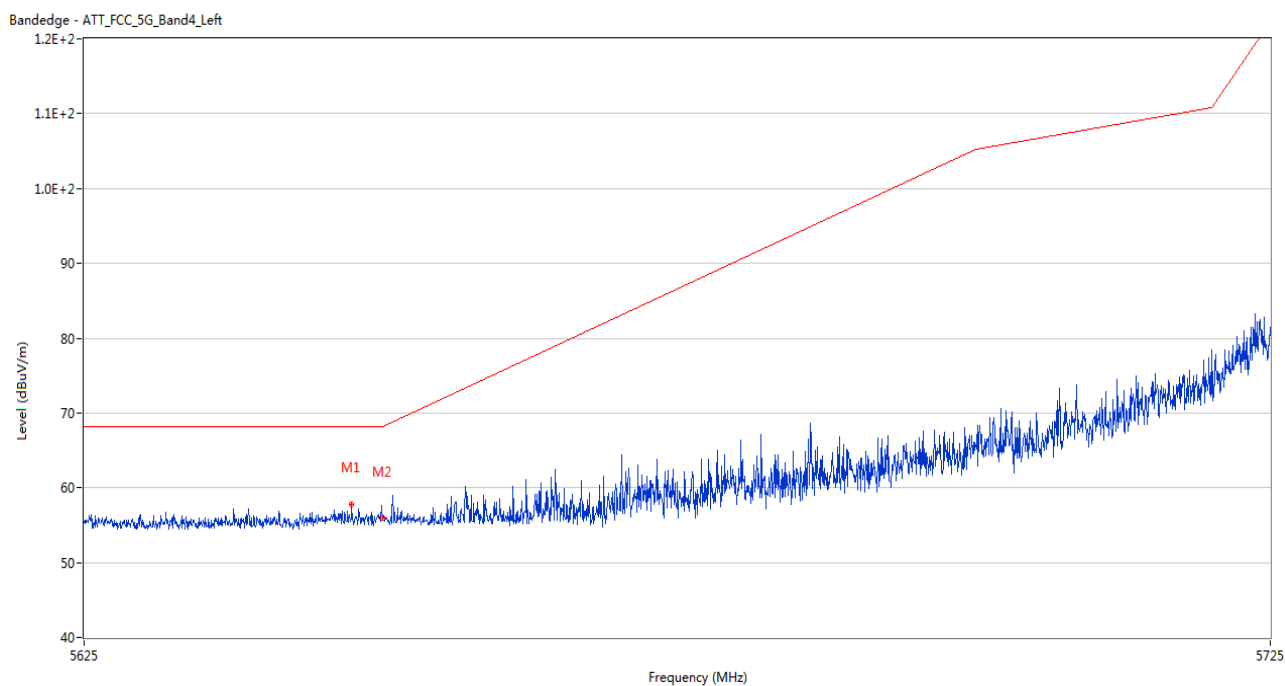
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.900	61.71	2.65	68.2	6.49	Peak	275.00	150	Horizontal	Pass
2	5650.000	57.23	2.54	68.2	10.97	Peak	138.00	200	Horizontal	Pass

U-NII-3 11n40 High Channel



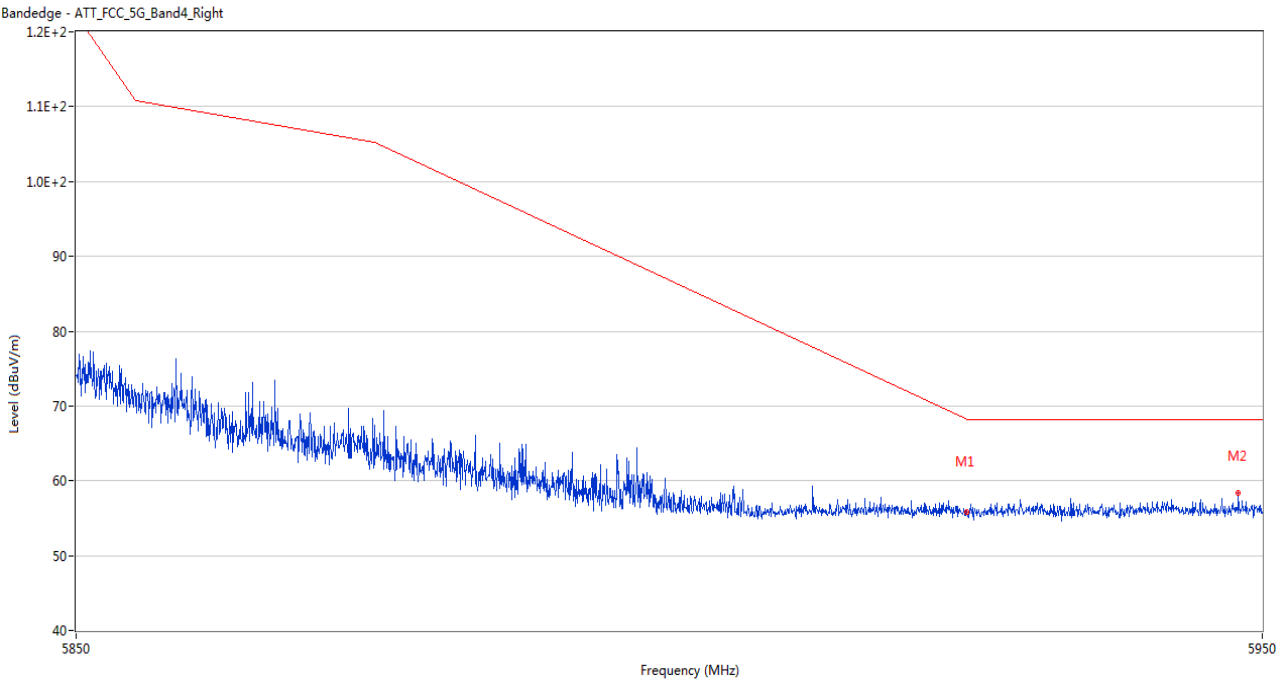
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.60	2.32	68.2	12.60	Peak	67.00	200	Horizontal	Pass
2	5943.450	57.62	2.51	68.2	10.58	Peak	58.00	150	Horizontal	Pass

U-NII-3 11ac20 Low Channel



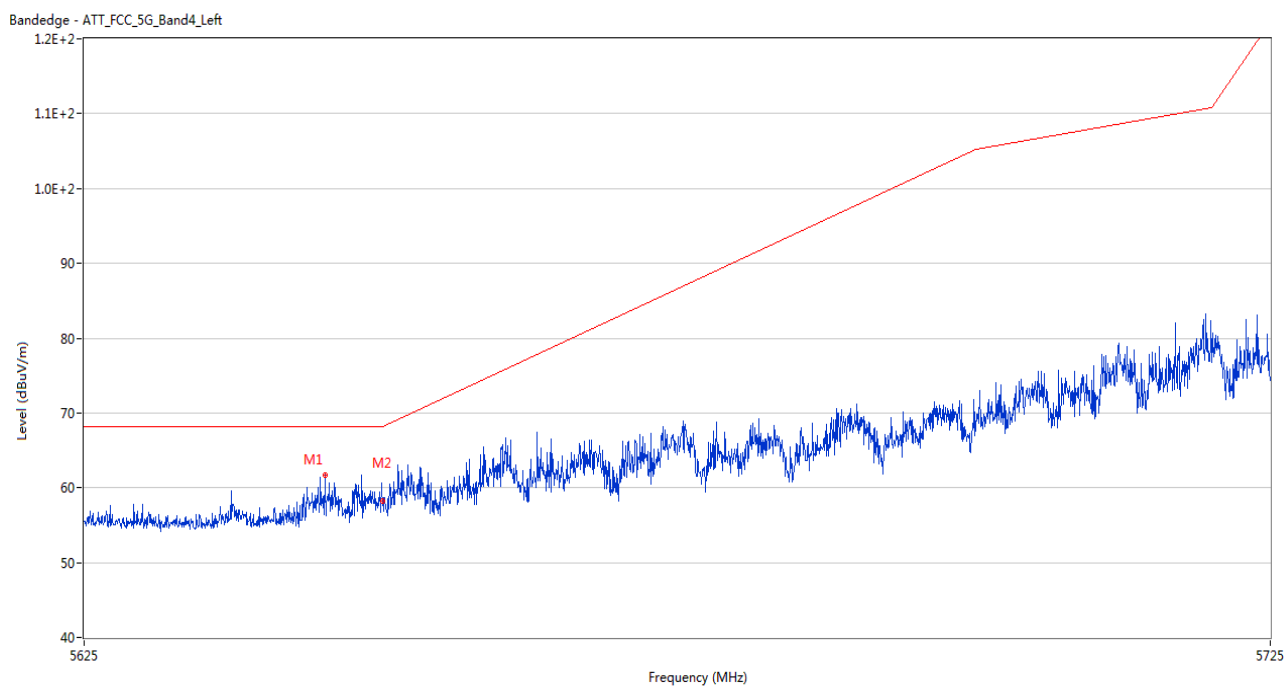
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.400	57.71	2.61	68.2	10.49	Peak	283.00	200	Horizontal	Pass
2	5650.000	55.92	2.54	68.2	12.28	Peak	152.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



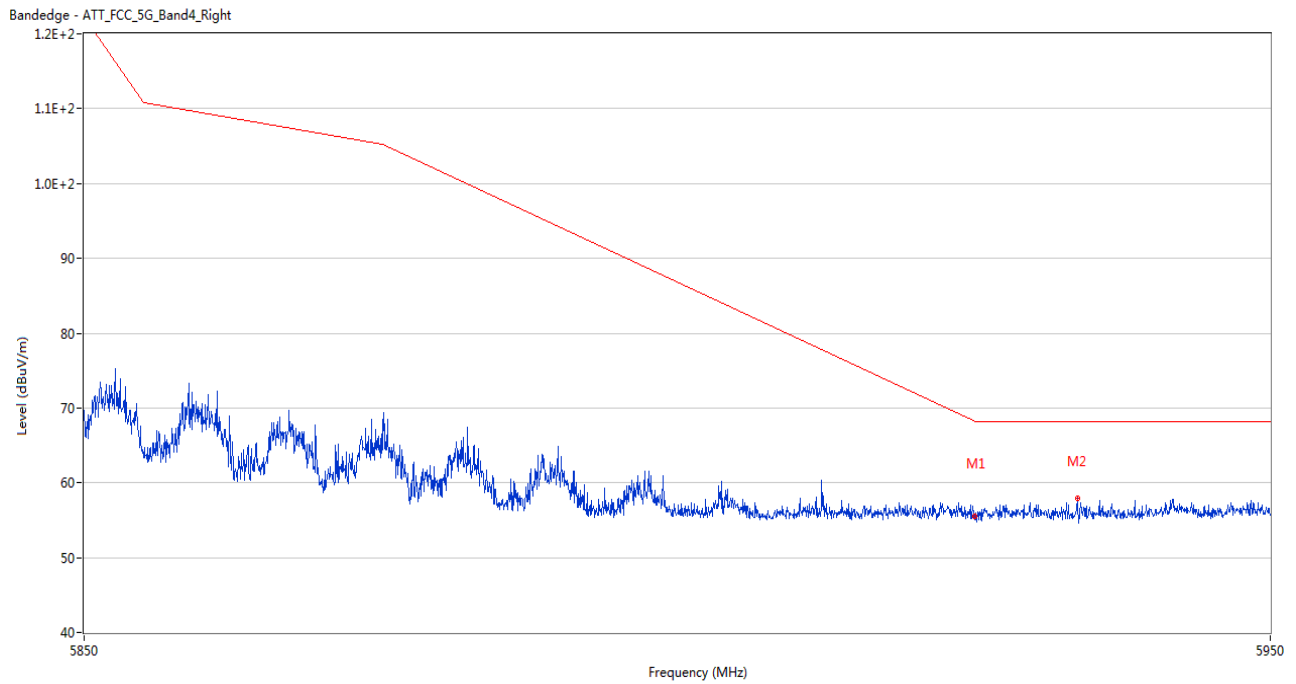
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.89	2.32	68.2	12.31	Peak	150.00	100	Horizontal	Pass
2	5947.950	58.41	2.72	68.2	9.79	Peak	307.00	100	Horizontal	Pass

U-NII-3 11ac40 Low Channel



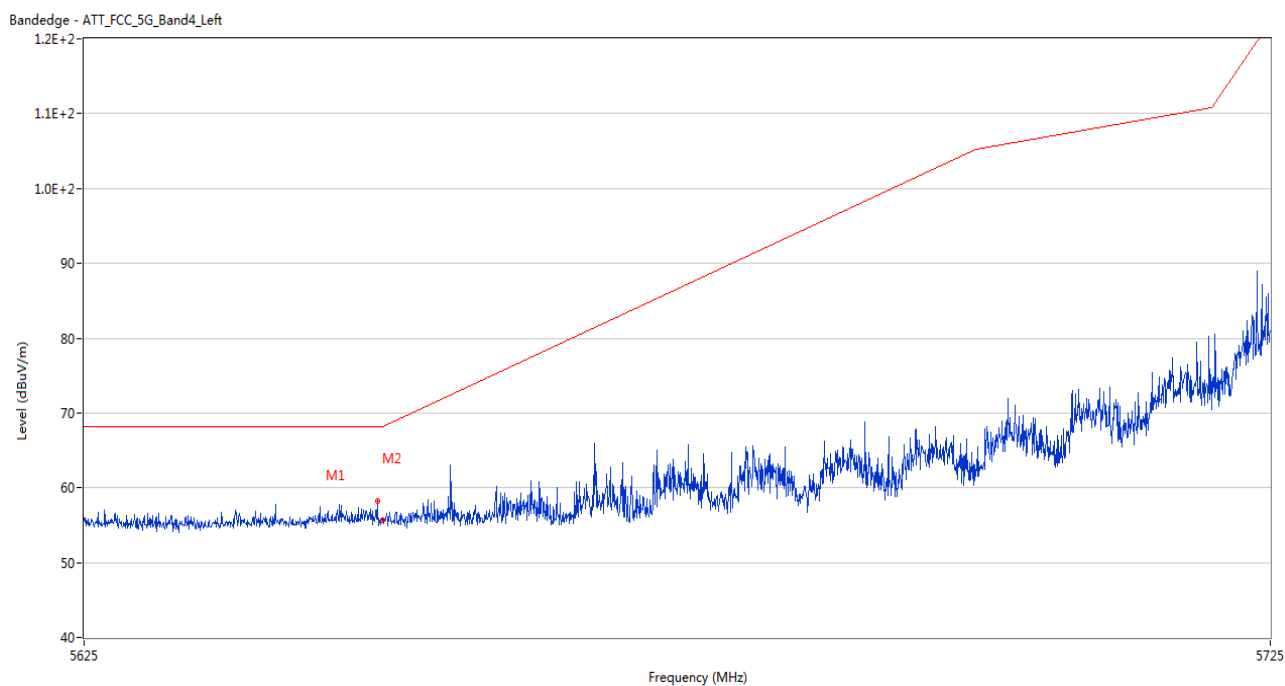
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.150	61.73	2.55	68.2	6.47	Peak	275.00	150	Horizontal	Pass
2	5650.000	58.30	2.54	68.2	9.90	Peak	284.00	100	Horizontal	Pass

U-NII-3 11ac40 High Channel



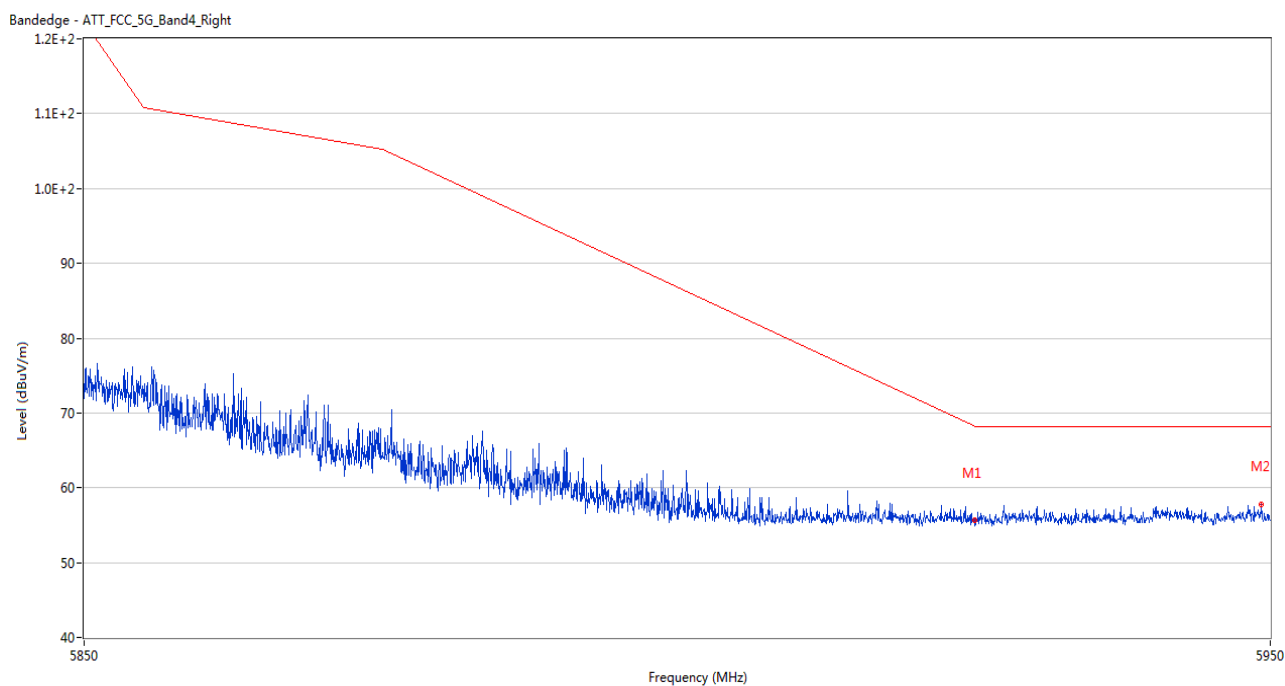
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.54	2.32	68.2	12.66	Peak	242.00	150	Horizontal	Pass
2	5933.600	57.91	2.33	68.2	10.29	Peak	104.00	200	Horizontal	Pass

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



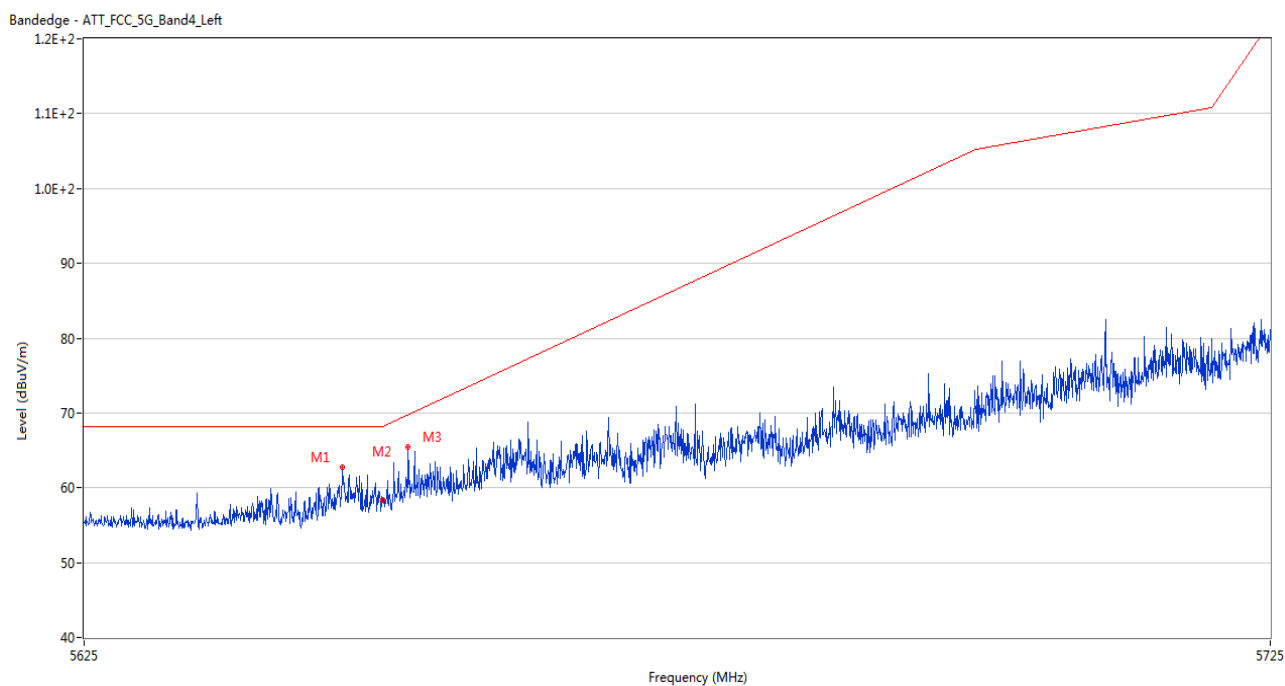
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.550	58.23	2.53	68.2	9.97	Peak	278.00	100	Horizontal	Pass
2	5650.000	55.61	2.54	68.2	12.59	Peak	0.00	150	Horizontal	Pass

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



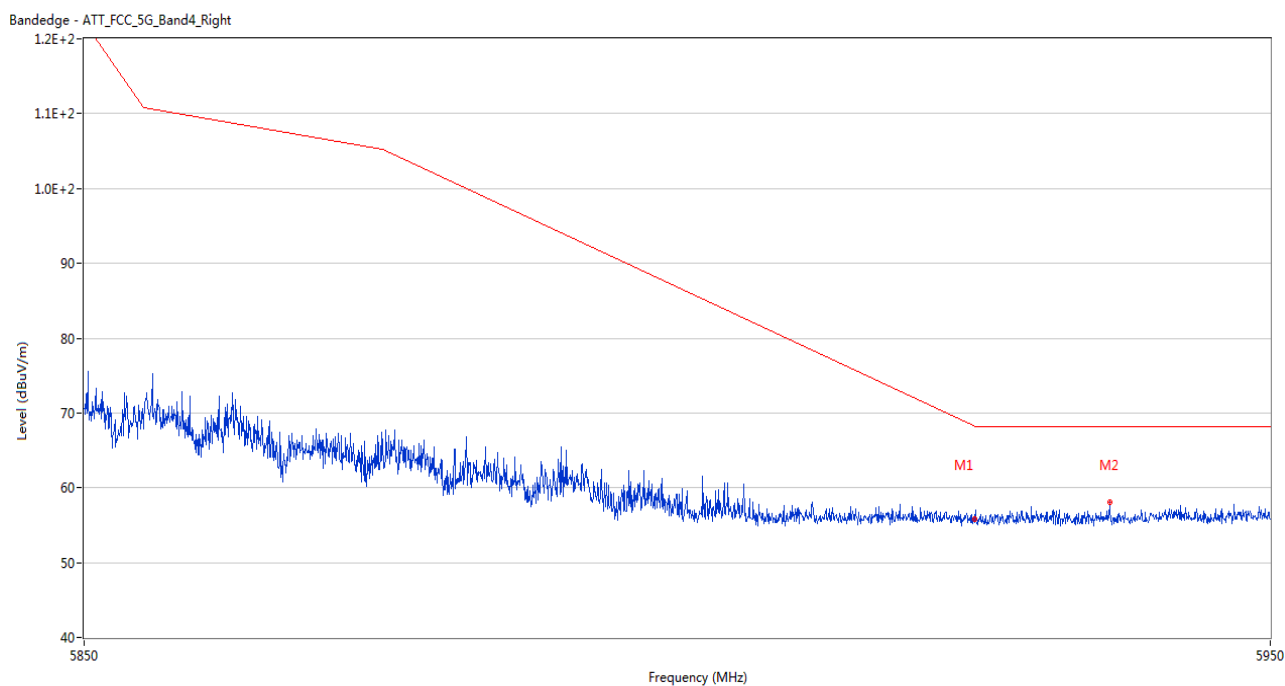
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.950	55.63	2.32	68.2	12.57	Peak	114.00	150	Horizontal	Pass
2	5949.250	57.83	2.59	68.2	10.37	Peak	92.00	100	Horizontal	Pass

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	5646.650	62.82	2.68	68.2	5.38	Peak	272.00	150	Horizontal	Pass
2	5650.000	58.32	2.54	68.2	9.88	Peak	262.00	150	Horizontal	Pass
3	5652.150	65.40	2.40	69.8	4.40	Peak	267.00	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	55.82	2.32	68.2	12.38	Peak	159.00	200	Horizontal	Pass
2	5936.350	58.08	2.41	68.2	10.12	Peak	93.00	100	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2470547-AR-2.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2470547-AW-2.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2470547-AI-2.PDF”.

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--END OF REPORT--