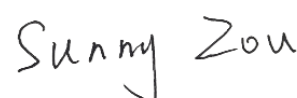


TEST REPORT

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-100-1
ISED Number: 26595-1001
HVIN: 100-1
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 - Jul. 23, 2024
Date of Issue: Aug. 19, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Aug. 19, 2024</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	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: 61.94 mW U-NII-2A: 61.94 mW U-NII-2C: 62.09 mW U-NII-3: 62.81 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: FCS960K-NL) installed in the EUT is electronically and mechanically identical to the original certified module in the test report No. R2404A0429-R2V2 (FCC ID: XMR2024FCS960KNL) & No. R2404A0430-R2V3 (ISED Number: 10224A-24FCS960KNL), 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. R2404A0429-R2V2 (FCC ID: XMR2024FCS960KNL) & No. R2404A0430-R2V3 (ISED Number: 10224A-24FCS960KNL).

Report No. R2404A0429-R2V2 (FCC ID: XMR2024FCS960KNL) issued by Eurofins TA Technology (Shanghai) Co., Ltd. on Jun. 19, 2024.

Report No. R2404A0430-R2V3 (ISED Number: 10224A-24FCS960KNL) issued by Eurofins TA Technology (Shanghai) Co., Ltd. on Jun. 20, 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. R2404A0429-R2V2 (FCC ID: XMR2024FCS960KNL) issued by Eurofins TA Technology (Shanghai) Co., Ltd. on Jun. 19, 2024.
Report No. R2404A0430-R2V3 (ISED Number: 10224A-24FCS960KNL) issued by Eurofins TA Technology (Shanghai) Co., Ltd. on Jun. 20, 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
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
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℃
Humidity	4%

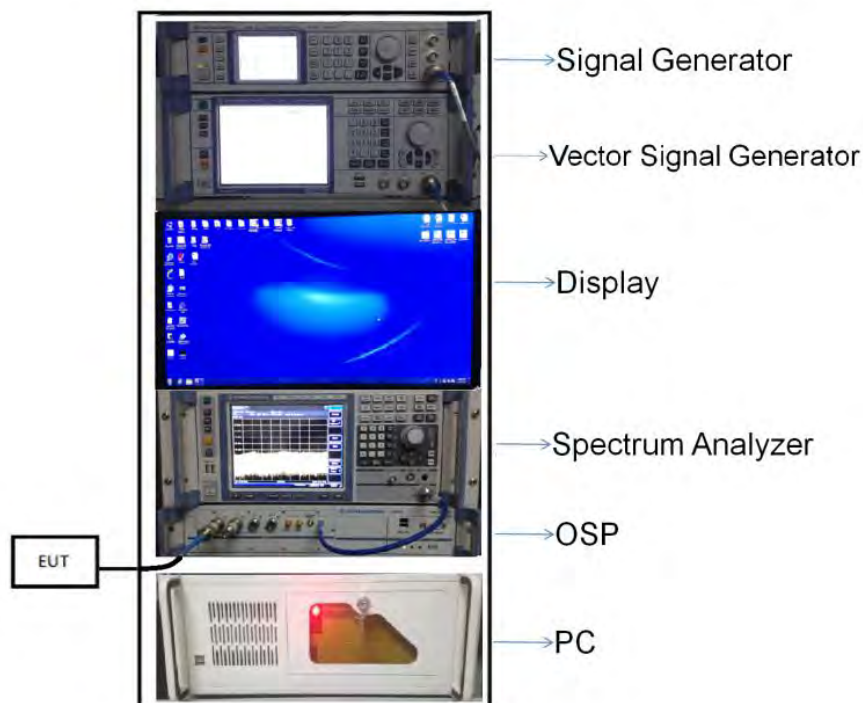
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

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

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



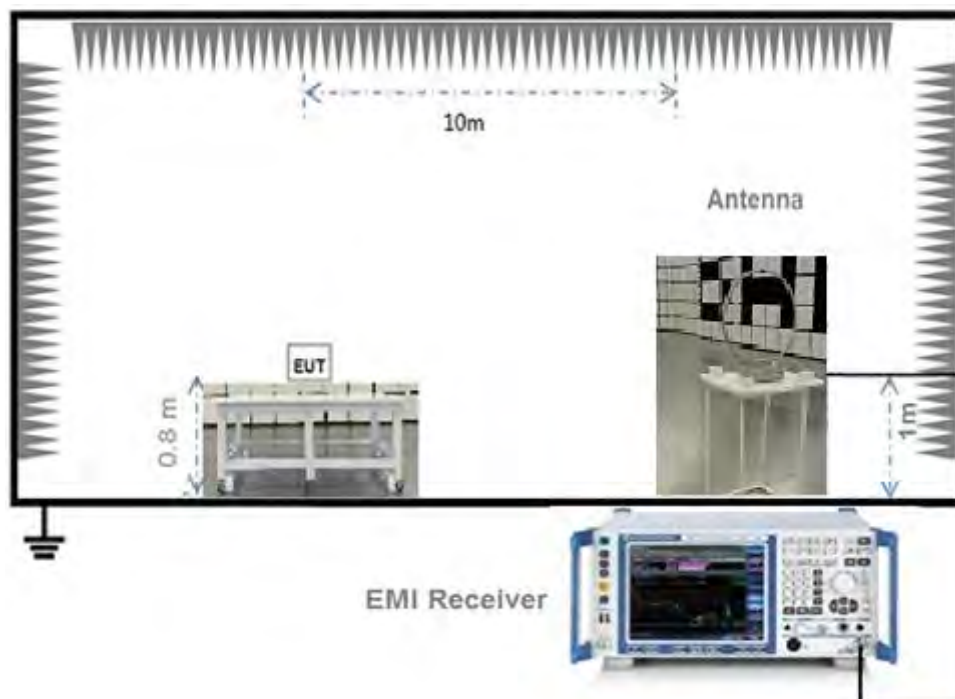
(Diagram 1)

4.5.2 For AC Power Supply Port Test



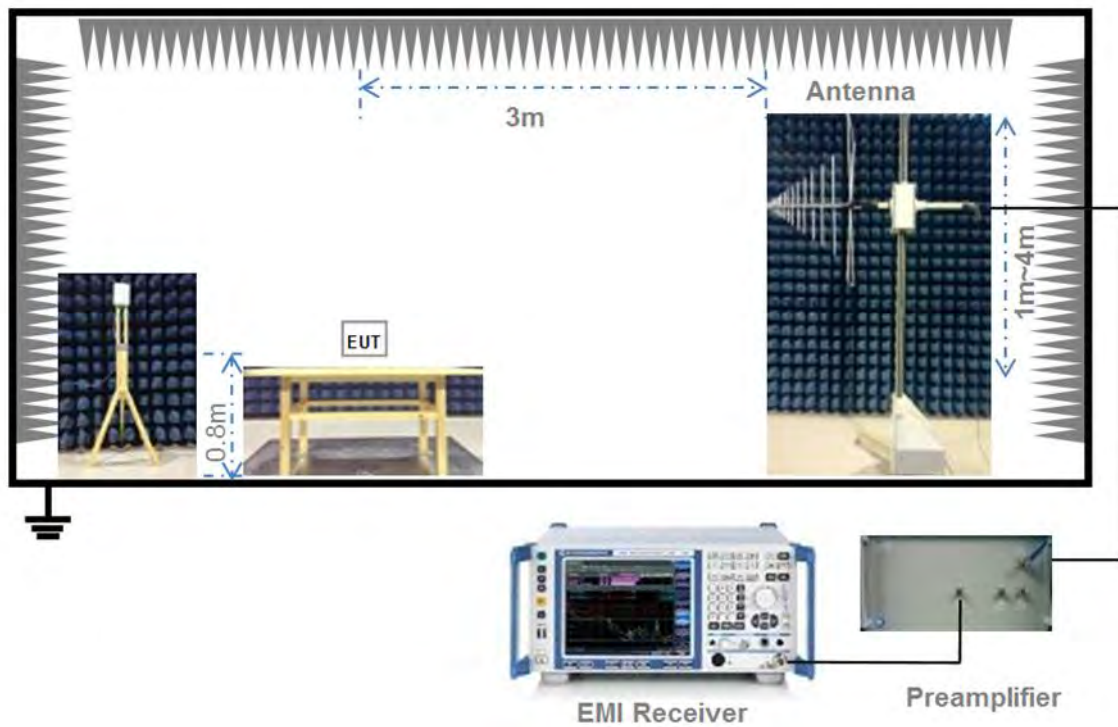
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



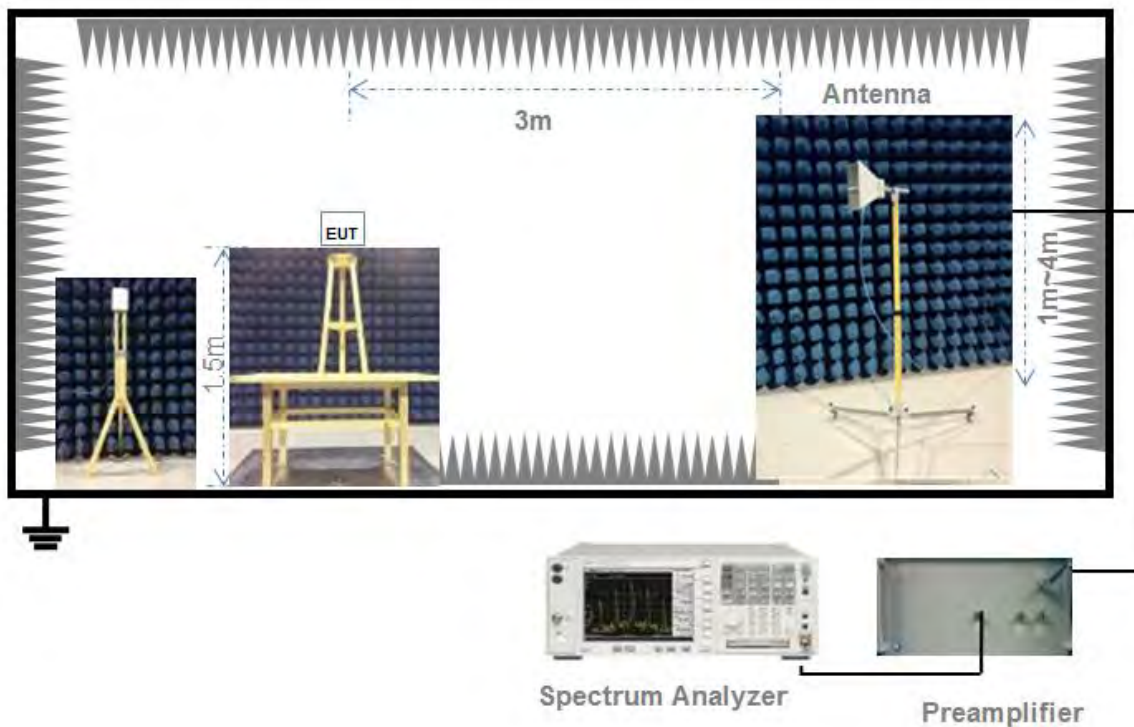
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

RSS-247, 6.2

The maximum conducted output power shall not exceed:

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

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

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

at least a factor of five.

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

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

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

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

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

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

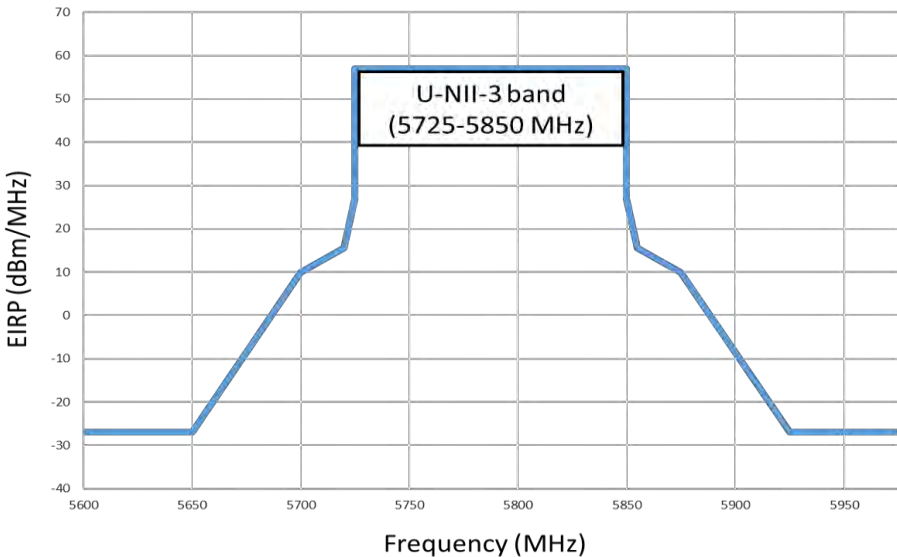
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

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

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

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note 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	15.54	35.81	250	Pass
11a	CH44	17.78	59.98	250	Pass
11a	CH48	17.92	61.94	250	Pass
11n (HT20)	CH36	15.73	37.41	250	Pass
11n (HT20)	CH44	17.65	58.21	250	Pass
11n (HT20)	CH48	17.89	61.52	250	Pass
11n (HT40)	CH38	13.65	23.17	250	Pass
11n (HT40)	CH46	17.78	59.98	250	Pass
11ac (VHT20)	CH36	15.47	35.24	250	Pass
11ac (VHT20)	CH44	17.75	59.57	250	Pass
11ac (VHT20)	CH48	17.86	61.09	250	Pass
11ac (VHT40)	CH38	14.52	28.31	250	Pass
11ac (VHT40)	CH46	17.72	59.16	250	Pass
11ax (HE20)	CH36	15.45	35.08	250	Pass
11ax (HE20)	CH44	17.67	58.48	250	Pass
11ax (HE20)	CH48	16.35	43.15	250	Pass
11ax (HE40)	CH38	14.78	30.06	250	Pass
11ax (HE40)	CH46	17.78	59.98	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	17.62	57.81	250	214	Pass
11a	CH60	17.56	57.02	250	213	Pass
11a	CH64	12.86	19.32	250	213	Pass
11n (HT20)	CH52	17.72	59.16	250	228	Pass
11n (HT20)	CH60	17.67	58.48	250	229	Pass
11n (HT20)	CH64	13.98	25.00	250	228	Pass
11n (HT40)	CH54	17.92	61.94	250	250	Pass
11n (HT40)	CH62	13.86	24.32	250	250	Pass
11ac (VHT20)	CH52	17.63	57.94	250	227	Pass
11ac (VHT20)	CH60	17.56	57.02	250	228	Pass
11ac (VHT20)	CH64	15.67	36.90	250	228	Pass
11ac (VHT40)	CH54	17.82	60.53	250	250	Pass
11ac (VHT40)	CH62	13.78	23.88	250	250	Pass
11ax (HE20)	CH52	17.83	60.67	250	241	Pass
11ax (HE20)	CH60	17.56	57.02	250	241	Pass
11ax (HE20)	CH64	15.45	35.08	250	240	Pass
11ax (HE40)	CH54	17.70	58.88	250	250	Pass
11ax (HE40)	CH62	13.78	23.88	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	13.78	23.88	250	216	Pass
11a	CH116	17.56	57.02	250	215	Pass
11a	CH140	13.86	24.32	250	214	Pass
11n (HT20)	CH100	14.67	29.31	250	230	Pass
11n (HT20)	CH116	17.56	57.02	250	231	Pass
11n (HT20)	CH140	13.87	24.38	250	230	Pass
11n (HT40)	CH102	14.78	30.06	250	250	Pass
11n (HT40)	CH118	17.46	55.72	250	250	Pass
11n (HT40)	CH134	16.87	48.64	250	250	Pass
11ac (VHT20)	CH100	14.78	30.06	250	230	Pass
11ac (VHT20)	CH116	17.78	59.98	250	230	Pass
11ac (VHT20)	CH140	13.45	22.13	250	231	Pass
11ac (VHT40)	CH102	14.69	29.44	250	250	Pass
11ac (VHT40)	CH118	17.73	59.29	250	250	Pass
11ac (VHT40)	CH134	16.74	47.21	250	250	Pass
11ax (HE20)	CH100	14.72	29.65	250	242	Pass
11ax (HE20)	CH116	17.83	60.67	250	242	Pass
11ax (HE20)	CH140	14.78	30.06	250	242	Pass
11ax (HE40)	CH102	14.78	30.06	250	250	Pass
11ax (HE40)	CH118	17.93	62.09	250	250	Pass
11ax (HE40)	CH134	16.78	47.64	250	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC/IC Limit (mW)	Verdict
11a	CH36	17.98	62.81	1000	Pass
11a	CH44	17.87	61.24	1000	Pass
11a	CH48	17.46	55.72	1000	Pass
11n (HT20)	CH36	17.96	62.52	1000	Pass
11n (HT20)	CH44	17.78	59.98	1000	Pass
11n (HT20)	CH48	17.72	59.16	1000	Pass
11n (HT40)	CH38	17.73	59.29	1000	Pass
11n (HT40)	CH46	17.35	54.33	1000	Pass
11ac (VHT20)	CH36	17.87	61.24	1000	Pass
11ac (VHT20)	CH44	17.57	57.15	1000	Pass
11ac (VHT20)	CH48	17.83	60.67	1000	Pass
11ac (VHT40)	CH38	17.68	58.61	1000	Pass
11ac (VHT40)	CH46	17.42	55.21	1000	Pass
11ax (HE20)	CH36	17.89	61.52	1000	Pass
11ax (HE20)	CH44	17.92	61.94	1000	Pass
11ax (HE20)	CH48	17.54	56.75	1000	Pass
11ax (HE40)	CH38	17.73	59.29	1000	Pass
11ax (HE40)	CH46	17.48	55.98	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	19.04	80.17	170	Pass
11a	CH44	21.28	134.28	169	Pass
11a	CH48	21.42	138.68	170	Pass
11n (HT20)	CH36	19.23	83.75	181	Pass
11n (HT20)	CH44	21.15	130.32	181	Pass
11n (HT20)	CH48	21.39	137.72	181	Pass
11n (HT40)	CH38	17.15	51.88	200	Pass
11n (HT40)	CH46	21.28	134.28	200	Pass
11ac (VHT20)	CH36	18.97	78.89	182	Pass
11ac (VHT20)	CH44	21.25	133.35	181	Pass
11ac (VHT20)	CH48	21.36	136.77	181	Pass
11ac (VHT40)	CH38	18.02	63.39	200	Pass
11ac (VHT40)	CH46	21.22	132.43	200	Pass
11ax (HE20)	CH36	18.95	78.52	191	Pass
11ax (HE20)	CH44	21.17	130.92	191	Pass
11ax (HE20)	CH48	19.85	96.61	192	Pass
11ax (HE40)	CH38	18.28	67.30	200	Pass
11ax (HE40)	CH46	21.28	134.28	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	21.12	129.42	854	Pass
11a	CH60	21.06	127.64	850	Pass
11a	CH64	16.36	43.25	849	Pass
11n (HT20)	CH52	21.22	132.43	908	Pass
11n (HT20)	CH60	21.17	130.92	912	Pass
11n (HT20)	CH64	17.48	55.98	907	Pass
11n (HT40)	CH54	21.42	138.68	1000	Pass
11n (HT40)	CH62	17.36	54.45	1000	Pass
11ac (VHT20)	CH52	21.13	129.72	905	Pass
11ac (VHT20)	CH60	21.06	127.64	907	Pass
11ac (VHT20)	CH64	19.17	82.60	907	Pass
11ac (VHT40)	CH54	21.32	135.52	1000	Pass
11ac (VHT40)	CH62	17.28	53.46	1000	Pass
11ax (HE20)	CH52	21.33	135.83	959	Pass
11ax (HE20)	CH60	21.06	127.64	960	Pass
11ax (HE20)	CH64	18.95	78.52	956	Pass
11ax (HE40)	CH54	21.20	131.83	1000	Pass
11ax (HE40)	CH62	17.28	53.46	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	16.08	40.55	859	Pass
11a	CH116	19.86	96.83	857	Pass
11a	CH140	16.16	41.30	852	Pass
11n (HT20)	CH100	16.97	49.77	916	Pass
11n (HT20)	CH116	19.86	96.83	920	Pass
11n (HT20)	CH140	16.17	41.40	916	Pass
11n (HT40)	CH102	17.08	51.05	1000	Pass
11n (HT40)	CH118	19.76	94.62	1000	Pass
11n (HT40)	CH134	19.17	82.60	1000	Pass
11ac (VHT20)	CH100	17.08	51.05	917	Pass
11ac (VHT20)	CH116	20.08	101.86	916	Pass
11ac (VHT20)	CH140	15.75	37.58	918	Pass
11ac (VHT40)	CH102	16.99	50.00	1000	Pass
11ac (VHT40)	CH118	20.03	100.69	1000	Pass
11ac (VHT40)	CH134	19.04	80.17	1000	Pass
11ax (HE20)	CH100	17.02	50.35	963	Pass
11ax (HE20)	CH116	20.13	103.04	964	Pass
11ax (HE20)	CH140	17.08	51.05	964	Pass
11ax (HE40)	CH102	17.08	51.05	1000	Pass
11ax (HE40)	CH118	20.23	105.44	1000	Pass
11ax (HE40)	CH134	19.08	80.91	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	20.08	101.86	Pass
11a	CH157	19.97	99.31	Pass
11a	CH165	19.56	90.36	Pass
11n (HT20)	CH149	20.06	101.39	Pass
11n (HT20)	CH157	19.88	97.27	Pass
11n (HT20)	CH165	19.82	95.94	Pass
11n (HT40)	CH151	19.83	96.16	Pass
11n (HT40)	CH159	19.45	88.10	Pass
11ac (VHT20)	CH149	19.97	99.31	Pass
11ac (VHT20)	CH157	19.67	92.68	Pass
11ac (VHT20)	CH165	19.93	98.40	Pass
11ac (VHT40)	CH151	19.78	95.06	Pass
11ac (VHT40)	CH159	19.52	89.54	Pass
11ax (HE20)	CH149	19.99	99.77	Pass
11ax (HE20)	CH157	20.02	100.46	Pass
11ax (HE20)	CH165	19.64	92.04	Pass
11ax (HE40)	CH151	19.83	96.16	Pass
11ax (HE40)	CH159	19.58	90.78	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-SZ2470547-603 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	-1.88	11.00	Pass
11a	CH44	0.81	11.00	Pass
11a	CH48	0.54	11.00	Pass
11n (HT20)	CH36	0.43	11.00	Pass
11n (HT20)	CH44	3.61	11.00	Pass
11n (HT20)	CH48	3.50	11.00	Pass
11n (HT40)	CH38	-5.21	11.00	Pass
11n (HT40)	CH46	-0.55	11.00	Pass
11ac (VHT20)	CH36	0.47	11.00	Pass
11ac (VHT20)	CH44	3.18	11.00	Pass
11ac (VHT20)	CH48	3.30	11.00	Pass
11ac (VHT40)	CH38	-3.62	11.00	Pass
11ac (VHT40)	CH46	-0.68	11.00	Pass
11ax (HE20)	CH36	-0.16	11.00	Pass
11ax (HE20)	CH44	2.00	11.00	Pass
11ax (HE20)	CH48	1.37	11.00	Pass
11ax (HE40)	CH38	-5.18	11.00	Pass
11ax (HE40)	CH46	-1.49	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC/IC Limit (dBm/MHz)	Verdict
11a	CH52	0.08	11.00	Pass
11a	CH60	-0.26	11.00	Pass
11a	CH64	-4.64	11.00	Pass
11n (HT20)	CH52	1.88	11.00	Pass
11n (HT20)	CH60	2.41	11.00	Pass
11n (HT20)	CH64	-1.67	11.00	Pass
11n (HT40)	CH54	-0.74	11.00	Pass
11n (HT40)	CH62	-4.56	11.00	Pass
11ac (VHT20)	CH52	2.27	11.00	Pass
11ac (VHT20)	CH60	1.85	11.00	Pass
11ac (VHT20)	CH64	-0.01	11.00	Pass
11ac (VHT40)	CH54	-0.55	11.00	Pass
11ac (VHT40)	CH62	-5.35	11.00	Pass
11ax (HE20)	CH52	-0.01	11.00	Pass
11ax (HE20)	CH60	1.56	11.00	Pass
11ax (HE20)	CH64	-0.58	11.00	Pass
11ax (HE40)	CH54	-1.52	11.00	Pass
11ax (HE40)	CH62	-5.75	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC/IC Limit (dBm/MHz)	Verdict
11a	CH100	-3.60	11.00	Pass
11a	CH116	0.80	11.00	Pass
11a	CH140	-5.65	11.00	Pass
11n (HT20)	CH100	-0.80	11.00	Pass
11n (HT20)	CH116	2.41	11.00	Pass
11n (HT20)	CH140	-2.00	11.00	Pass
11n (HT40)	CH102	-4.00	11.00	Pass
11n (HT40)	CH118	-0.68	11.00	Pass
11n (HT40)	CH134	-2.70	11.00	Pass
11ac (VHT20)	CH100	-1.12	11.00	Pass
11ac (VHT20)	CH116	2.93	11.00	Pass
11ac (VHT20)	CH140	-2.43	11.00	Pass
11ac (VHT40)	CH102	-3.97	11.00	Pass
11ac (VHT40)	CH118	0.08	11.00	Pass
11ac (VHT40)	CH134	-2.76	11.00	Pass
11ax (HE20)	CH100	-2.35	11.00	Pass
11ax (HE20)	CH116	1.55	11.00	Pass
11ax (HE20)	CH140	-3.34	11.00	Pass
11ax (HE40)	CH102	-5.14	11.00	Pass
11ax (HE40)	CH118	-1.23	11.00	Pass
11ax (HE40)	CH134	-4.30	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC/IC Limit (dBm/500kHz)	Verdict
11a	CH149	-2.40	30.00	Pass
11a	CH157	-2.57	30.00	Pass
11a	CH165	-1.83	30.00	Pass
11n (HT20)	CH149	-0.28	30.00	Pass
11n (HT20)	CH157	-0.45	30.00	Pass
11n (HT20)	CH165	-1.43	30.00	Pass
11n (HT40)	CH151	-4.51	30.00	Pass
11n (HT40)	CH159	-4.49	30.00	Pass
11ac (VHT20)	CH149	-0.17	30.00	Pass
11ac (VHT20)	CH157	-0.27	30.00	Pass
11ac (VHT20)	CH165	-1.06	30.00	Pass
11ac (VHT40)	CH151	-4.28	30.00	Pass
11ac (VHT40)	CH159	-4.37	30.00	Pass
11ax (HE20)	CH149	-0.89	30.00	Pass
11ax (HE20)	CH157	-1.00	30.00	Pass
11ax (HE20)	CH165	-1.07	30.00	Pass
11ax (HE40)	CH151	-4.39	30.00	Pass
11ax (HE40)	CH159	-5.51	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	1.62	10.00	Pass
11a	CH44	4.31	10.00	Pass
11a	CH48	4.04	10.00	Pass
11n (HT20)	CH36	3.93	10.00	Pass
11n (HT20)	CH44	7.11	10.00	Pass
11n (HT20)	CH48	7.00	10.00	Pass
11n (HT40)	CH38	-1.71	10.00	Pass
11n (HT40)	CH46	2.95	10.00	Pass
11ac (VHT20)	CH36	3.97	10.00	Pass
11ac (VHT20)	CH44	6.68	10.00	Pass
11ac (VHT20)	CH48	6.80	10.00	Pass
11ac (VHT40)	CH38	-0.12	10.00	Pass
11ac (VHT40)	CH46	2.82	10.00	Pass
11ax (HE20)	CH36	3.34	10.00	Pass
11ax (HE20)	CH44	5.50	10.00	Pass
11ax (HE20)	CH48	4.87	10.00	Pass
11ax (HE40)	CH38	-1.68	10.00	Pass
11ax (HE40)	CH46	2.01	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH52	3.58	Pass
11a	CH60	3.24	Pass
11a	CH64	-1.14	Pass
11n (HT20)	CH52	5.38	Pass
11n (HT20)	CH60	5.91	Pass
11n (HT20)	CH64	1.83	Pass
11n (HT40)	CH54	2.76	Pass
11n (HT40)	CH62	-1.06	Pass
11ac (VHT20)	CH52	5.77	Pass
11ac (VHT20)	CH60	5.35	Pass
11ac (VHT20)	CH64	3.49	Pass
11ac (VHT40)	CH54	2.95	Pass
11ac (VHT40)	CH62	-1.85	Pass
11ax (HE20)	CH52	3.49	Pass
11ax (HE20)	CH60	5.06	Pass
11ax (HE20)	CH64	2.92	Pass
11ax (HE40)	CH54	1.98	Pass
11ax (HE40)	CH62	-2.25	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH100	-1.30	Pass
11a	CH116	3.10	Pass
11a	CH140	-3.35	Pass
11n (HT20)	CH100	1.50	Pass
11n (HT20)	CH116	4.71	Pass
11n (HT20)	CH140	0.30	Pass
11n (HT40)	CH102	-1.70	Pass
11n (HT40)	CH118	1.62	Pass
11n (HT40)	CH134	-0.40	Pass
11ac (VHT20)	CH100	1.18	Pass
11ac (VHT20)	CH116	5.23	Pass
11ac (VHT20)	CH140	-0.13	Pass
11ac (VHT40)	CH102	-1.67	Pass
11ac (VHT40)	CH118	2.38	Pass
11ac (VHT40)	CH134	-0.46	Pass
11ax (HE20)	CH100	-0.05	Pass
11ax (HE20)	CH116	3.85	Pass
11ax (HE20)	CH140	-1.04	Pass
11ax (HE40)	CH102	-2.84	Pass
11ax (HE40)	CH118	1.07	Pass
11ax (HE40)	CH134	-2.00	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	E.I.R.P PSD (dBm/MHz)	Verdict
11a	CH149	-0.30	Pass
11a	CH157	-0.47	Pass
11a	CH165	0.27	Pass
11n (HT20)	CH149	1.82	Pass
11n (HT20)	CH157	1.66	Pass
11n (HT20)	CH165	0.67	Pass
11n (HT40)	CH151	-2.41	Pass
11n (HT40)	CH159	-2.39	Pass
11ac (VHT20)	CH149	1.93	Pass
11ac (VHT20)	CH157	1.83	Pass
11ac (VHT20)	CH165	1.04	Pass
11ac (VHT40)	CH151	-2.18	Pass
11ac (VHT40)	CH159	-2.27	Pass
11ax (HE20)	CH149	1.21	Pass
11ax (HE20)	CH157	1.10	Pass
11ax (HE20)	CH165	1.03	Pass
11ax (HE40)	CH151	-2.29	Pass
11ax (HE40)	CH159	-3.41	Pass

A.5 Conducted Emissions

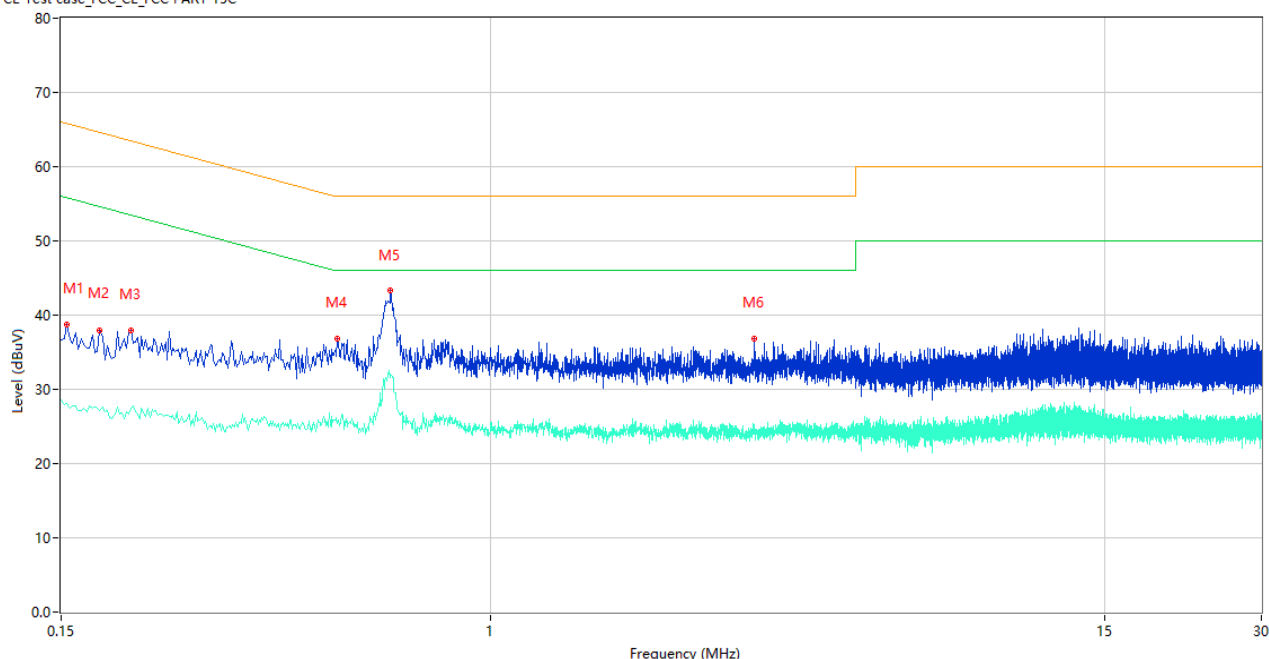
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

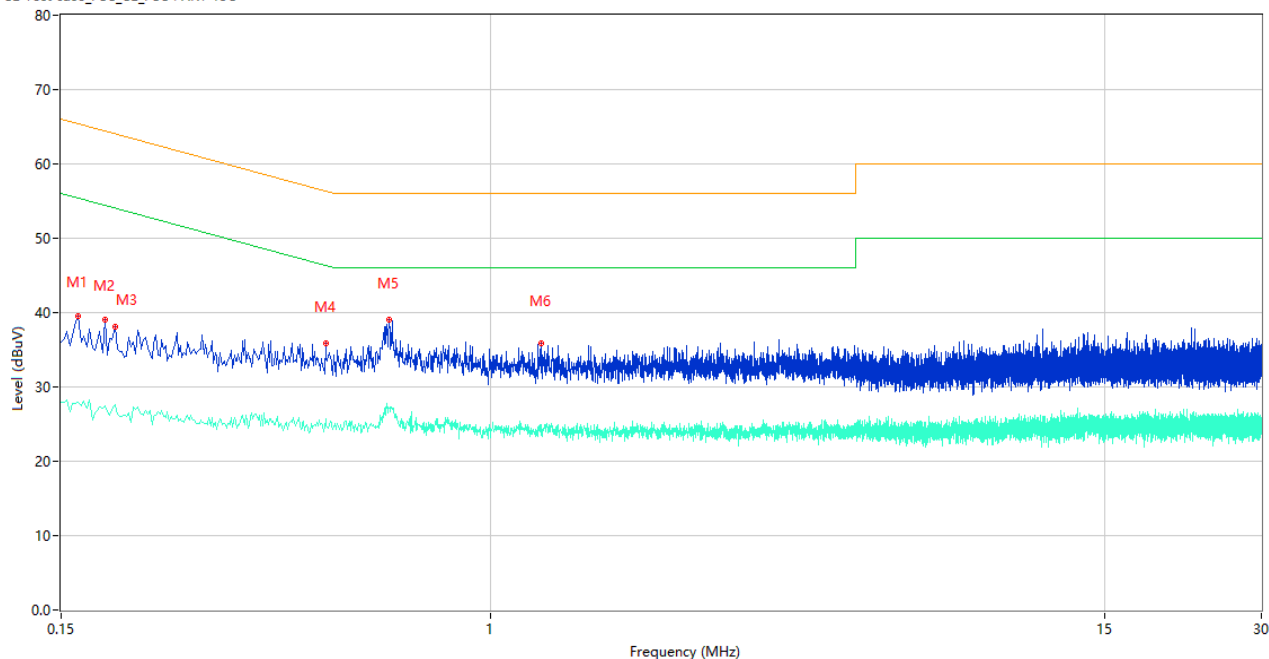
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	38.66	9.78	65.78	27.12	Peak	L	Pass
1**	0.154	28.13	9.78	55.78	27.65	AV	L	Pass
2	0.178	37.94	9.78	64.58	26.64	Peak	L	Pass
2**	0.178	27.11	9.78	54.58	27.47	AV	L	Pass
3	0.204	37.86	9.77	63.45	25.59	Peak	L	Pass
3**	0.204	27.54	9.77	53.45	25.91	AV	L	Pass
4	0.508	36.76	9.99	56.00	19.24	Peak	L	Pass
4**	0.508	25.32	9.99	46.00	20.68	AV	L	Pass
5	0.642	43.35	10.20	56.00	12.65	Peak	L	Pass
5**	0.642	32.12	10.20	46.00	13.88	AV	L	Pass
6	3.200	36.82	10.26	56.00	19.18	Peak	L	Pass
6**	3.200	24.83	10.26	46.00	21.17	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	0.162	39.46	9.78	65.36	25.90	Peak	N	Pass
1**	0.162	27.96	9.78	55.36	27.40	AV	N	Pass
2	0.182	39.08	9.78	64.39	25.31	Peak	N	Pass
2**	0.182	27.51	9.78	54.39	26.88	AV	N	Pass
3	0.190	38.14	9.78	64.04	25.90	Peak	N	Pass
3**	0.190	27.55	9.78	54.04	26.49	AV	N	Pass
4	0.482	35.90	10.00	56.30	20.40	Peak	N	Pass
4**	0.482	25.64	10.00	46.30	20.66	AV	N	Pass
5	0.638	38.99	10.20	56.00	17.01	Peak	N	Pass
5**	0.638	27.21	10.20	46.00	18.79	AV	N	Pass
6	1.246	35.92	10.42	56.00	20.08	Peak	N	Pass
6**	1.246	24.87	10.42	46.00	21.13	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.

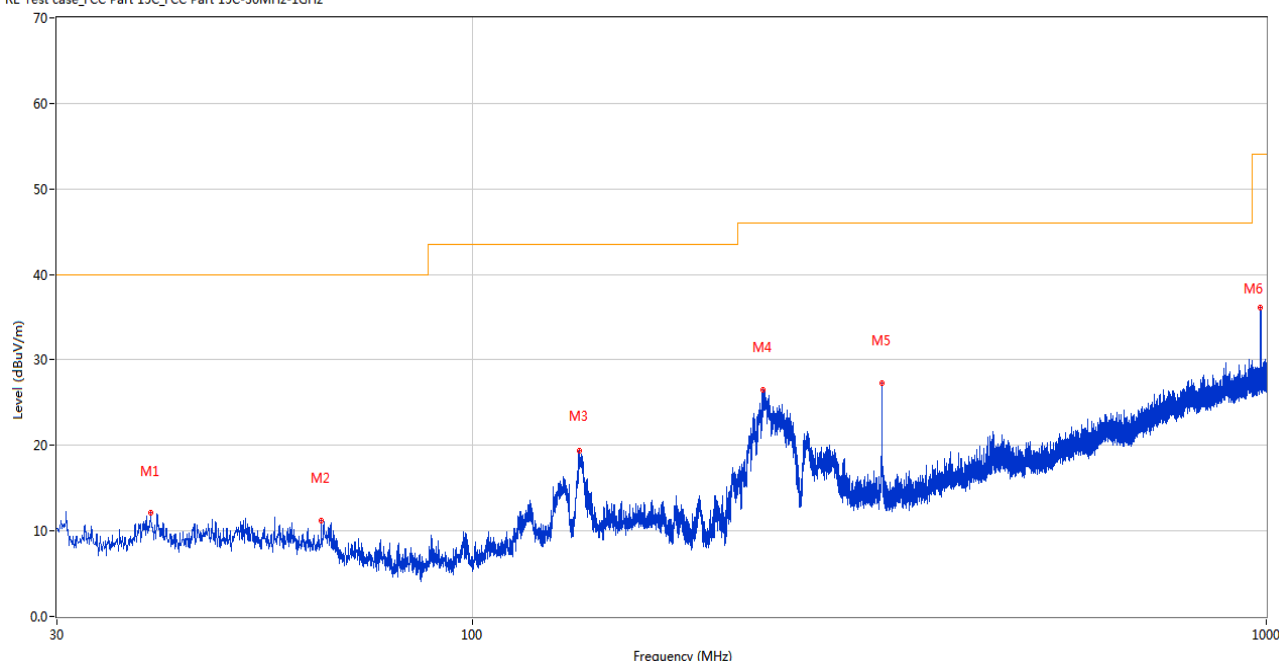
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

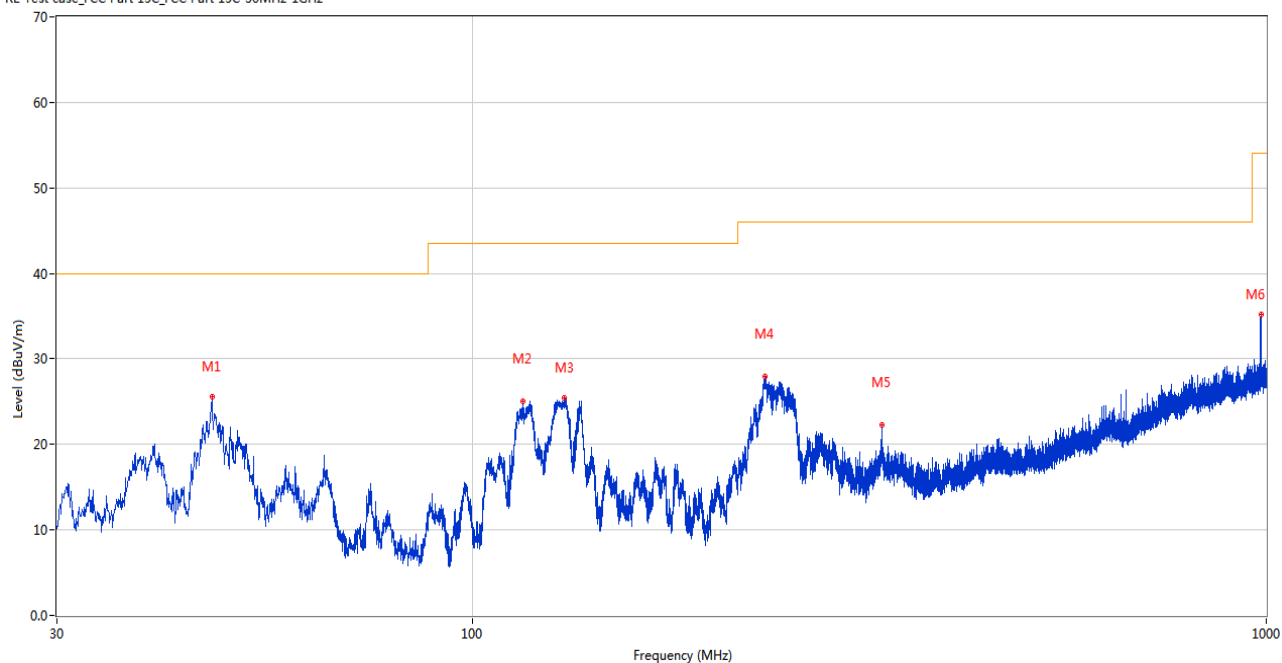
RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	39.361	12.07	-26.55	40.0	27.93	Peak	242.00	100	Horizontal	Pass
2	64.532	11.15	-28.10	40.0	28.85	Peak	7.00	100	Horizontal	Pass
3	136.603	19.36	-26.40	43.5	24.14	Peak	232.00	100	Horizontal	Pass
4	232.439	26.52	-27.87	46.0	19.48	Peak	0.00	200	Horizontal	Pass
5	328.033	27.24	-23.50	46.0	18.76	Peak	196.00	100	Horizontal	Pass
6	983.946	36.10	-9.98	54.0	17.90	Peak	171.00	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	47.072	25.61	-26.56	40.0	14.39	Peak	360.00	100	Vertical	Pass
2	115.991	25.09	-28.60	43.5	18.41	Peak	346.00	100	Vertical	Pass
3	130.492	25.48	-27.37	43.5	18.02	Peak	70.00	100	Vertical	Pass
4	233.652	27.95	-27.96	46.0	18.05	Peak	99.00	100	Vertical	Pass
5	327.935	22.25	-23.52	46.0	23.75	Peak	60.00	100	Vertical	Pass
6	984.092	35.14	-9.99	54.0	18.86	Peak	86.00	100	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	1592.400	38.87	-16.74	74.0	35.13	Peak	49.00	100	Horizontal	Pass
1**	1592.400	29.17	-16.74	54.0	24.83	AV	49.00	100	Horizontal	Pass
2	3936.000	47.99	-5.82	74.0	26.01	Peak	183.00	100	Horizontal	Pass
2**	3936.000	38.88	-5.82	54.0	15.12	AV	183.00	100	Horizontal	Pass
3	5182.750	108.27	-2.41	--	--	Peak	278.00	150	Horizontal	N/A
3**	5182.750	99.27	-2.41	--	--	AV	278.00	150	Horizontal	N/A
4	7494.250	52.84	1.11	74.0	21.16	Peak	254.00	400	Horizontal	Pass
4**	7494.250	43.32	1.11	54.0	10.68	AV	254.00	400	Horizontal	Pass
5	12450.037	53.54	1.04	74.0	20.46	Peak	275.00	150	Horizontal	Pass
5**	12450.037	43.75	1.04	54.0	10.25	AV	275.00	150	Horizontal	Pass
6	15903.412	53.93	1.97	74.0	20.07	Peak	166.00	100	Horizontal	Pass
6**	15903.412	44.62	1.97	54.0	9.38	AV	166.00	100	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	1626.300	38.53	-16.64	74.0	35.47	Peak	219.00	100	Vertical	Pass
1**	1626.300	29.55	-16.64	54.0	24.45	AV	219.00	100	Vertical	Pass
2	4263.750	47.91	-4.69	74.0	26.09	Peak	360.00	200	Vertical	Pass
2**	4263.750	39.08	-4.69	54.0	14.92	AV	360.00	200	Vertical	Pass
3	5183.250	102.52	-2.28	--	--	Peak	182.00	200	Vertical	N/A
3**	5183.250	94.63	-2.28	--	--	AV	182.00	200	Vertical	N/A
4	7361.000	53.54	0.77	74.0	20.46	Peak	357.00	300	Vertical	Pass
4**	7361.000	43.94	0.77	54.0	10.06	AV	357.00	300	Vertical	Pass
5	12529.125	53.47	1.27	74.0	20.53	Peak	360.00	200	Vertical	Pass
5**	12529.125	44.26	1.27	54.0	9.74	AV	360.00	200	Vertical	Pass
6	15441.937	54.23	2.11	74.0	19.77	Peak	360.00	300	Vertical	Pass
6**	15441.937	44.47	2.11	54.0	9.53	AV	360.00	300	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	1520.800	38.21	-17.22	74.0	35.79	Peak	59.00	400	Horizontal	Pass
1**	1520.800	28.40	-17.22	54.0	25.60	AV	59.00	400	Horizontal	Pass
2	3936.000	47.37	-5.82	74.0	26.63	Peak	214.00	400	Horizontal	Pass
2**	3936.000	39.52	-5.82	54.0	14.48	AV	214.00	400	Horizontal	Pass
3	5214.500	107.89	-2.61	--	--	Peak	264.00	100	Horizontal	N/A
3**	5214.500	100.24	-2.61	--	--	AV	264.00	100	Horizontal	N/A
4	7353.250	52.73	0.26	74.0	21.27	Peak	0.00	100	Horizontal	Pass
4**	7353.250	43.44	0.26	54.0	10.56	AV	0.00	100	Horizontal	Pass
5	12485.425	53.55	1.32	74.0	20.45	Peak	119.00	150	Horizontal	Pass
5**	12485.425	44.09	1.32	54.0	9.91	AV	119.00	150	Horizontal	Pass
6	16112.625	54.42	1.85	74.0	19.58	Peak	225.00	100	Horizontal	Pass
6**	16112.625	44.92	1.85	54.0	9.08	AV	225.00	100	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	1605.100	38.35	-16.61	74.0	35.65	Peak	256.00	100	Vertical	Pass
1**	1605.100	29.51	-16.61	54.0	24.49	AV	256.00	100	Vertical	Pass
2	4263.500	49.23	-4.55	74.0	24.77	Peak	360.00	300	Vertical	Pass
2**	4263.500	38.76	-4.55	54.0	15.24	AV	360.00	300	Vertical	Pass
3	5224.500	101.62	-3.24	--	--	Peak	259.00	100	Vertical	N/A
3**	5224.500	93.74	-3.24	--	--	AV	259.00	100	Vertical	N/A
4	7709.000	53.31	1.89	74.0	20.69	Peak	91.00	100	Vertical	Pass
4**	7709.000	43.58	1.89	54.0	10.42	AV	91.00	100	Vertical	Pass
5	12468.799	53.50	1.19	74.0	20.50	Peak	360.00	150	Vertical	Pass
5**	12468.799	44.09	1.19	54.0	9.91	AV	360.00	150	Vertical	Pass
6	16135.725	54.18	2.04	74.0	19.82	Peak	206.00	400	Vertical	Pass
6**	16135.725	44.63	2.04	54.0	9.37	AV	206.00	400	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	1594.700	38.54	-17.00	74.0	35.46	Peak	310.00	100	Horizontal	Pass
1**	1594.700	28.49	-17.00	54.0	25.51	AV	310.00	100	Horizontal	Pass
2	3935.750	49.33	-5.79	74.0	24.67	Peak	203.00	300	Horizontal	Pass
2**	3935.750	38.84	-5.79	54.0	15.16	AV	203.00	300	Horizontal	Pass
3	5239.000	108.34	-2.94	--	--	Peak	254.00	150	Horizontal	N/A
3**	5239.000	99.74	-2.94	--	--	AV	254.00	150	Horizontal	N/A
4	7696.250	52.63	1.22	74.0	21.37	Peak	332.00	100	Horizontal	Pass
4**	7696.250	43.82	1.22	54.0	10.18	AV	332.00	100	Horizontal	Pass
5	12477.350	54.04	1.26	74.0	19.96	Peak	275.00	200	Horizontal	Pass
5**	12477.350	44.18	1.26	54.0	9.82	AV	275.00	200	Horizontal	Pass
6	15896.588	53.84	2.00	74.0	20.16	Peak	360.00	100	Horizontal	Pass
6**	15896.588	44.51	2.00	54.0	9.49	AV	360.00	100	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	1534.900	38.57	-17.41	74.0	35.43	Peak	169.00	400	Vertical	Pass
1**	1534.900	28.19	-17.41	54.0	25.81	AV	169.00	400	Vertical	Pass
2	4264.500	48.00	-5.00	74.0	26.00	Peak	319.00	300	Vertical	Pass
2**	4264.500	40.05	-5.00	54.0	13.95	AV	319.00	300	Vertical	Pass
3	5235.750	103.11	-2.94	--	--	Peak	269.00	100	Vertical	N/A
3**	5235.750	93.75	-2.94	--	--	AV	269.00	100	Vertical	N/A
4	7356.500	53.62	0.60	74.0	20.38	Peak	295.00	400	Vertical	Pass
4**	7356.500	44.25	0.60	54.0	9.75	AV	295.00	400	Vertical	Pass
5	12479.250	53.41	1.27	74.0	20.59	Peak	346.00	150	Vertical	Pass
5**	12479.250	43.97	1.27	54.0	10.03	AV	346.00	150	Vertical	Pass
6	16117.613	53.72	1.89	74.0	20.28	Peak	168.00	300	Vertical	Pass
6**	16117.613	45.40	1.89	54.0	8.60	AV	168.00	300	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	1449.800	38.14	-16.92	74.0	35.86	Peak	217.00	100	Horizontal	Pass
1**	1449.800	28.70	-16.92	54.0	25.30	AV	217.00	100	Horizontal	Pass
2	4151.750	47.93	-5.71	74.0	26.07	Peak	154.00	400	Horizontal	Pass
2**	4151.750	37.38	-5.71	54.0	16.62	AV	154.00	400	Horizontal	Pass
3	5175.750	102.59	-2.79	--	--	Peak	264.00	100	Horizontal	N/A
3**	5175.750	94.69	-2.79	--	--	AV	264.00	100	Horizontal	N/A
4	7608.000	52.35	0.61	74.0	21.65	Peak	176.00	200	Horizontal	Pass
4**	7608.000	43.56	0.61	54.0	10.44	AV	176.00	200	Horizontal	Pass
5	12498.725	53.59	1.43	74.0	20.41	Peak	20.00	200	Horizontal	Pass
5**	12498.725	44.18	1.43	54.0	9.82	AV	20.00	200	Horizontal	Pass
6	15895.012	54.23	1.99	74.0	19.77	Peak	327.00	300	Horizontal	Pass
6**	15895.012	44.06	1.99	54.0	9.94	AV	327.00	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	1525.000	38.85	-17.06	74.0	35.15	Peak	312.00	300	Vertical	Pass
1**	1525.000	29.91	-17.06	54.0	24.09	AV	312.00	300	Vertical	Pass
2	3936.000	49.03	-5.82	74.0	24.97	Peak	138.00	300	Vertical	Pass
2**	3936.000	38.95	-5.82	54.0	15.05	AV	138.00	300	Vertical	Pass
3	5196.500	98.64	-2.87	--	--	Peak	259.00	100	Vertical	N/A
3**	5196.500	91.23	-2.87	--	--	AV	259.00	100	Vertical	N/A
4	7253.000	52.67	-0.37	74.0	21.33	Peak	186.00	400	Vertical	Pass
4**	7253.000	43.62	-0.37	54.0	10.38	AV	186.00	400	Vertical	Pass
5	12494.451	53.53	1.39	74.0	20.47	Peak	169.00	150	Vertical	Pass
5**	12494.451	44.45	1.39	54.0	9.55	AV	169.00	150	Vertical	Pass
6	15885.300	53.88	1.91	74.0	20.12	Peak	229.00	400	Vertical	Pass
6**	15885.300	44.13	1.91	54.0	9.87	AV	229.00	400	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	1435.100	38.70	-17.01	74.0	35.30	Peak	275.00	400	Horizontal	Pass
1**	1435.100	28.90	-17.01	54.0	25.10	AV	275.00	400	Horizontal	Pass
2	3935.500	47.97	-5.80	74.0	26.03	Peak	169.00	100	Horizontal	Pass
2**	3935.500	38.31	-5.80	54.0	15.69	AV	169.00	100	Horizontal	Pass
3	5232.000	105.05	-3.10	--	--	Peak	266.00	100	Horizontal	N/A
3**	5232.000	97.09	-3.10	--	--	AV	266.00	100	Horizontal	N/A
4	7416.500	53.20	0.94	74.0	20.80	Peak	215.00	400	Horizontal	Pass
4**	7416.500	43.35	0.94	54.0	10.65	AV	215.00	400	Horizontal	Pass
5	12476.401	53.61	1.25	74.0	20.39	Peak	49.00	200	Horizontal	Pass
5**	12476.401	43.52	1.25	54.0	10.48	AV	49.00	200	Horizontal	Pass
6	16084.537	53.62	1.55	74.0	20.38	Peak	360.00	400	Horizontal	Pass
6**	16084.537	44.90	1.55	54.0	9.10	AV	360.00	400	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	1493.800	38.81	-17.16	74.0	35.19	Peak	305.00	200	Vertical	Pass
1**	1493.800	28.97	-17.16	54.0	25.03	AV	305.00	200	Vertical	Pass
2	3935.500	48.71	-5.80	74.0	25.29	Peak	115.00	400	Vertical	Pass
2**	3935.500	37.30	-5.80	54.0	16.70	AV	115.00	400	Vertical	Pass
3	5238.500	98.34	-3.00	--	--	Peak	256.00	150	Vertical	N/A
3**	5238.500	91.27	-3.00	--	--	AV	256.00	150	Vertical	N/A
4	7419.500	52.95	1.23	74.0	21.05	Peak	349.00	100	Vertical	Pass
4**	7419.500	43.42	1.23	54.0	10.58	AV	349.00	100	Vertical	Pass
5	12510.599	53.70	1.38	74.0	20.30	Peak	298.00	100	Vertical	Pass
5**	12510.599	44.64	1.38	54.0	9.36	AV	298.00	100	Vertical	Pass
6	16106.849	54.29	1.81	74.0	19.71	Peak	6.00	100	Vertical	Pass
6**	16106.849	46.12	1.81	54.0	7.88	AV	6.00	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	1480.300	38.64	-16.93	74.0	35.36	Peak	360.00	100	Horizontal	Pass
1**	1480.300	28.54	-16.93	54.0	25.46	AV	360.00	100	Horizontal	Pass
2	4263.750	47.99	-4.69	74.0	26.01	Peak	178.00	400	Horizontal	Pass
2**	4263.750	38.20	-4.69	54.0	15.80	AV	178.00	400	Horizontal	Pass
3	5183.500	101.49	-2.18	--	--	Peak	269.00	100	Horizontal	N/A
3**	5183.500	94.08	-2.18	--	--	AV	269.00	100	Horizontal	N/A
4	7612.750	52.65	0.32	74.0	21.35	Peak	132.00	300	Horizontal	Pass
4**	7612.750	45.52	0.32	54.0	8.48	AV	132.00	300	Horizontal	Pass
5	12513.925	53.07	1.36	74.0	20.93	Peak	122.00	100	Horizontal	Pass
5**	12513.925	44.16	1.36	54.0	9.84	AV	122.00	100	Horizontal	Pass
6	15892.388	53.64	1.97	74.0	20.36	Peak	87.00	200	Horizontal	Pass
6**	15892.388	44.50	1.97	54.0	9.50	AV	87.00	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	1612.700	39.10	-16.72	74.0	34.90	Peak	44.00	400	Vertical	Pass
1**	1612.700	29.59	-16.72	54.0	24.41	AV	44.00	400	Vertical	Pass
2	4263.500	48.16	-4.55	74.0	25.84	Peak	312.00	300	Vertical	Pass
2**	4263.500	38.29	-4.55	54.0	15.71	AV	312.00	300	Vertical	Pass
3	5207.000	98.22	-2.32	--	--	Peak	262.00	100	Vertical	N/A
3**	5207.000	91.31	-2.32	--	--	AV	262.00	100	Vertical	N/A
4	7607.000	53.25	0.57	74.0	20.75	Peak	188.00	400	Vertical	Pass
4**	7607.000	43.68	0.57	54.0	10.32	AV	188.00	400	Vertical	Pass
5	12481.388	53.50	1.29	74.0	20.50	Peak	300.00	200	Vertical	Pass
5**	12481.388	44.78	1.29	54.0	9.22	AV	300.00	200	Vertical	Pass
6	15911.287	54.19	1.83	74.0	19.81	Peak	162.00	100	Vertical	Pass
6**	15911.287	44.95	1.83	54.0	9.05	AV	162.00	100	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	1444.200	38.52	-17.06	74.0	35.48	Peak	142.00	400	Horizontal	Pass
1**	1444.200	28.89	-17.06	54.0	25.11	AV	142.00	400	Horizontal	Pass
2	3936.000	47.74	-5.82	74.0	26.26	Peak	360.00	300	Horizontal	Pass
2**	3936.000	39.94	-5.82	54.0	14.06	AV	360.00	300	Horizontal	Pass
3	5213.500	101.16	-2.57	--	--	Peak	264.00	100	Horizontal	N/A
3**	5213.500	95.18	-2.57	--	--	AV	264.00	100	Horizontal	N/A
4	7490.000	52.60	1.37	74.0	21.40	Peak	360.00	400	Horizontal	Pass
4**	7490.000	43.14	1.37	54.0	10.86	AV	360.00	400	Horizontal	Pass
5	12482.575	53.43	1.30	74.0	20.57	Peak	314.00	200	Horizontal	Pass
5**	12482.575	44.07	1.30	54.0	9.93	AV	314.00	200	Horizontal	Pass
6	15789.487	53.93	1.08	74.0	20.07	Peak	190.00	200	Horizontal	Pass
6**	15789.487	44.23	1.08	54.0	9.77	AV	190.00	200	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	1583.400	38.78	-16.85	74.0	35.22	Peak	0.00	300	Vertical	Pass
1**	1583.400	28.72	-16.85	54.0	25.28	AV	0.00	300	Vertical	Pass
2	4264.250	48.99	-4.83	74.0	25.01	Peak	0.00	200	Vertical	Pass
2**	4264.250	39.10	-4.83	54.0	14.90	AV	0.00	200	Vertical	Pass
3	5234.750	97.53	-2.95	--	--	Peak	164.00	150	Vertical	N/A
3**	5234.750	89.38	-2.95	--	--	AV	164.00	150	Vertical	N/A
4	7344.750	52.43	-0.17	74.0	21.57	Peak	140.00	300	Vertical	Pass
4**	7344.750	42.66	-0.17	54.0	11.34	AV	140.00	300	Vertical	Pass
5	12430.088	53.33	1.07	74.0	20.67	Peak	208.00	150	Vertical	Pass
5**	12430.088	43.61	1.07	54.0	10.39	AV	208.00	150	Vertical	Pass
6	16151.474	54.41	2.14	74.0	19.59	Peak	309.00	400	Vertical	Pass
6**	16151.474	43.93	2.14	54.0	10.07	AV	309.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1451.600	38.13	-17.08	74.0	35.87	Peak	56.00	400	Horizontal	Pass
1**	1451.600	28.76	-17.08	54.0	25.24	AV	56.00	400	Horizontal	Pass
2	4144.750	49.01	-5.57	74.0	24.99	Peak	228.00	400	Horizontal	Pass
2**	4144.750	37.07	-5.57	54.0	16.93	AV	228.00	400	Horizontal	Pass
3	5178.750	107.13	-2.72	--	--	Peak	274.00	100	Horizontal	N/A
3**	5178.750	100.20	-2.72	--	--	AV	274.00	100	Horizontal	N/A
4	7311.000	52.38	0.49	74.0	21.62	Peak	135.00	100	Horizontal	Pass
4**	7311.000	43.58	0.49	54.0	10.42	AV	135.00	100	Horizontal	Pass
5	12512.263	53.65	1.37	74.0	20.35	Peak	320.00	100	Horizontal	Pass
5**	12512.263	45.62	1.37	54.0	8.38	AV	320.00	100	Horizontal	Pass
6	15913.125	54.40	1.80	74.0	19.60	Peak	230.00	300	Horizontal	Pass
6**	15913.125	44.30	1.80	54.0	9.70	AV	230.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.400	39.43	-16.84	74.0	34.57	Peak	305.00	400	Vertical	Pass
1**	1497.400	29.82	-16.84	54.0	24.18	AV	305.00	400	Vertical	Pass
2	3936.250	48.80	-5.84	74.0	25.20	Peak	130.00	300	Vertical	Pass
2**	3936.250	40.07	-5.84	54.0	13.93	AV	130.00	300	Vertical	Pass
3	5182.250	102.25	-2.35	--	--	Peak	175.00	100	Vertical	N/A
3**	5182.250	94.68	-2.35	--	--	AV	175.00	100	Vertical	N/A
4	7284.250	52.77	-0.71	74.0	21.23	Peak	108.00	400	Vertical	Pass
4**	7284.250	41.42	-0.71	54.0	12.58	AV	108.00	400	Vertical	Pass
5	12459.300	53.42	1.11	74.0	20.58	Peak	32.00	200	Vertical	Pass
5**	12459.300	43.72	1.11	54.0	10.28	AV	32.00	200	Vertical	Pass
6	16133.363	54.40	2.02	74.0	19.60	Peak	346.00	200	Vertical	Pass
6**	16133.363	44.44	2.02	54.0	9.56	AV	346.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1469.700	38.35	-17.03	74.0	35.65	Peak	103.00	100	Horizontal	Pass
1**	1469.700	28.36	-17.03	54.0	25.64	AV	103.00	100	Horizontal	Pass
2	3935.500	47.90	-5.80	74.0	26.10	Peak	203.00	400	Horizontal	Pass
2**	3935.500	39.11	-5.80	54.0	14.89	AV	203.00	400	Horizontal	Pass
3	5217.000	107.23	-2.95	--	--	Peak	272.00	150	Horizontal	N/A
3**	5217.000	98.56	-2.95	--	--	AV	272.00	150	Horizontal	N/A
4	7339.000	52.79	-0.42	74.0	21.21	Peak	320.00	400	Horizontal	Pass
4**	7339.000	42.97	-0.42	54.0	11.03	AV	320.00	400	Horizontal	Pass
5	12513.925	53.56	1.36	74.0	20.44	Peak	154.00	200	Horizontal	Pass
5**	12513.925	44.55	1.36	54.0	9.45	AV	154.00	200	Horizontal	Pass
6	16101.338	53.61	1.76	74.0	20.39	Peak	179.00	300	Horizontal	Pass
6**	16101.338	44.52	1.76	54.0	9.48	AV	179.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.400	38.84	-16.96	74.0	35.16	Peak	303.00	400	Vertical	Pass
1**	1601.400	29.72	-16.96	54.0	24.28	AV	303.00	400	Vertical	Pass
2	3935.750	49.41	-5.79	74.0	24.59	Peak	113.00	100	Vertical	Pass
2**	3935.750	39.07	-5.79	54.0	14.93	AV	113.00	100	Vertical	Pass
3	5222.000	102.61	-2.99	--	--	Peak	184.00	100	Vertical	N/A
3**	5222.000	95.13	-2.99	--	--	AV	184.00	100	Vertical	N/A
4	7262.500	53.04	-0.38	74.0	20.96	Peak	19.00	300	Vertical	Pass
4**	7262.500	43.03	-0.38	54.0	10.97	AV	19.00	300	Vertical	Pass
5	12538.625	53.31	1.22	74.0	20.69	Peak	276.00	200	Vertical	Pass
5**	12538.625	44.16	1.22	54.0	9.84	AV	276.00	200	Vertical	Pass
6	15676.088	54.47	1.86	74.0	19.53	Peak	235.00	200	Vertical	Pass
6**	15676.088	44.31	1.86	54.0	9.69	AV	235.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.000	38.72	-16.61	74.0	35.28	Peak	46.00	400	Horizontal	Pass
1**	1605.000	28.85	-16.61	54.0	25.15	AV	46.00	400	Horizontal	Pass
2	3935.750	48.21	-5.79	74.0	25.79	Peak	360.00	100	Horizontal	Pass
2**	3935.750	38.70	-5.79	54.0	15.30	AV	360.00	100	Horizontal	Pass
3	5240.750	107.64	-3.01	--	--	Peak	262.00	100	Horizontal	N/A
3**	5240.750	99.85	-3.01	--	--	AV	262.00	100	Horizontal	N/A
4	7611.250	52.89	0.13	74.0	21.11	Peak	164.00	400	Horizontal	Pass
4**	7611.250	44.30	0.13	54.0	9.70	AV	164.00	400	Horizontal	Pass
5	12515.826	53.16	1.35	74.0	20.84	Peak	136.00	200	Horizontal	Pass
5**	12515.826	44.74	1.35	54.0	9.26	AV	136.00	200	Horizontal	Pass
6	15884.250	54.49	1.91	74.0	19.51	Peak	84.00	300	Horizontal	Pass
6**	15884.250	44.05	1.91	54.0	9.95	AV	84.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.000	38.39	-16.86	74.0	35.61	Peak	149.00	200	Vertical	Pass
1**	1620.000	29.30	-16.86	54.0	24.70	AV	149.00	200	Vertical	Pass
2	3937.000	48.06	-5.68	74.0	25.94	Peak	120.00	400	Vertical	Pass
2**	3937.000	38.04	-5.68	54.0	15.96	AV	120.00	400	Vertical	Pass
3	5237.250	100.94	-3.04	--	--	Peak	247.00	150	Vertical	N/A
3**	5237.250	92.52	-3.04	--	--	AV	247.00	150	Vertical	N/A
4	7591.250	53.05	0.98	74.0	20.95	Peak	0.00	300	Vertical	Pass
4**	7591.250	43.76	0.98	54.0	10.24	AV	0.00	300	Vertical	Pass
5	12491.125	53.40	1.37	74.0	20.60	Peak	292.00	200	Vertical	Pass
5**	12491.125	44.28	1.37	54.0	9.72	AV	292.00	200	Vertical	Pass
6	16122.338	54.02	1.93	74.0	19.98	Peak	232.00	400	Vertical	Pass
6**	16122.338	45.15	1.93	54.0	8.85	AV	232.00	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	1513.100	38.81	-16.80	74.0	35.19	Peak	275.00	100	Horizontal	Pass
1**	1513.100	28.99	-16.80	54.0	25.01	AV	275.00	100	Horizontal	Pass
2	3935.750	47.70	-5.79	74.0	26.30	Peak	176.00	200	Horizontal	Pass
2**	3935.750	38.71	-5.79	54.0	15.29	AV	176.00	200	Horizontal	Pass
3	5266.750	107.12	-3.01	--	--	Peak	256.00	150	Horizontal	N/A
3**	5266.750	101.93	-3.01	--	--	AV	256.00	150	Horizontal	N/A
4	7310.750	52.81	0.54	74.0	21.19	Peak	337.00	100	Horizontal	Pass
4**	7310.750	44.18	0.54	54.0	9.82	AV	337.00	100	Horizontal	Pass
5	12481.388	54.30	1.29	74.0	19.70	Peak	342.00	100	Horizontal	Pass
5**	12481.388	44.27	1.29	54.0	9.73	AV	342.00	100	Horizontal	Pass
6	15911.026	53.72	1.84	74.0	20.28	Peak	269.00	400	Horizontal	Pass
6**	15911.026	44.31	1.84	54.0	9.69	AV	269.00	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	1623.600	38.98	-16.92	74.0	35.02	Peak	302.00	100	Vertical	Pass
1**	1623.600	29.48	-16.92	54.0	24.52	AV	302.00	100	Vertical	Pass
2	3936.000	48.94	-5.82	74.0	25.06	Peak	116.00	200	Vertical	Pass
2**	3936.000	39.50	-5.82	54.0	14.50	AV	116.00	200	Vertical	Pass
3	5258.000	101.25	-3.19	--	--	Peak	155.00	200	Vertical	N/A
3**	5258.000	94.11	-3.19	--	--	AV	155.00	200	Vertical	N/A
4	7311.750	52.62	0.59	74.0	21.38	Peak	257.00	300	Vertical	Pass
4**	7311.750	44.04	0.59	54.0	9.96	AV	257.00	300	Vertical	Pass
5	12524.137	53.15	1.30	74.0	20.85	Peak	247.00	200	Vertical	Pass
5**	12524.137	44.01	1.30	54.0	9.99	AV	247.00	200	Vertical	Pass
6	16137.300	53.95	2.05	74.0	20.05	Peak	140.00	200	Vertical	Pass
6**	16137.300	44.38	2.05	54.0	9.62	AV	140.00	200	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	1512.100	38.81	-16.49	74.0	35.19	Peak	84.00	400	Horizontal	Pass
1**	1512.100	28.84	-16.49	54.0	25.16	AV	84.00	400	Horizontal	Pass
2	3936.000	49.12	-5.82	74.0	24.88	Peak	176.00	100	Horizontal	Pass
2**	3936.000	39.65	-5.82	54.0	14.35	AV	176.00	100	Horizontal	Pass
3	5298.750	106.99	-2.76	--	--	Peak	276.00	150	Horizontal	N/A
3**	5298.750	99.49	-2.76	--	--	AV	276.00	150	Horizontal	N/A
4	7703.000	52.61	1.14	74.0	21.39	Peak	216.00	100	Horizontal	Pass
4**	7703.000	42.98	1.14	54.0	11.02	AV	216.00	100	Horizontal	Pass
5	12444.338	54.03	1.05	74.0	19.97	Peak	62.00	150	Horizontal	Pass
5**	12444.338	44.27	1.05	54.0	9.73	AV	62.00	150	Horizontal	Pass
6	15918.375	53.84	1.71	74.0	20.16	Peak	315.00	300	Horizontal	Pass
6**	15918.375	44.90	1.71	54.0	9.10	AV	315.00	300	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	1604.400	38.31	-16.80	74.0	35.69	Peak	137.00	200	Vertical	Pass
1**	1604.400	30.09	-16.80	54.0	23.91	AV	137.00	200	Vertical	Pass
2	3935.750	49.48	-5.79	74.0	24.52	Peak	116.00	200	Vertical	Pass
2**	3935.750	39.02	-5.79	54.0	14.98	AV	116.00	200	Vertical	Pass
3	5303.750	101.86	-2.80	--	--	Peak	256.00	200	Vertical	N/A
3**	5303.750	93.05	-2.80	--	--	AV	256.00	200	Vertical	N/A
4	7619.250	52.98	0.50	74.0	21.02	Peak	35.00	100	Vertical	Pass
4**	7619.250	43.69	0.50	54.0	10.31	AV	35.00	100	Vertical	Pass
5	12519.862	53.23	1.32	74.0	20.77	Peak	0.00	150	Vertical	Pass
5**	12519.862	44.75	1.32	54.0	9.25	AV	0.00	150	Vertical	Pass
6	16091.362	53.94	1.64	74.0	20.06	Peak	98.00	300	Vertical	Pass
6**	16091.362	45.12	1.64	54.0	8.88	AV	98.00	300	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	1624.500	38.45	-17.00	74.0	35.55	Peak	255.00	200	Horizontal	Pass
1**	1624.500	28.83	-17.00	54.0	25.17	AV	255.00	200	Horizontal	Pass
2	3936.000	49.52	-5.82	74.0	24.48	Peak	177.00	300	Horizontal	Pass
2**	3936.000	40.52	-5.82	54.0	13.48	AV	177.00	300	Horizontal	Pass
3	5316.250	106.92	-3.03	--	--	Peak	239.00	200	Horizontal	N/A
3**	5316.250	99.72	-3.03	--	--	AV	239.00	200	Horizontal	N/A
4	7600.750	52.80	0.83	74.0	21.20	Peak	54.00	300	Horizontal	Pass
4**	7600.750	43.69	0.83	54.0	10.31	AV	54.00	300	Horizontal	Pass
5	12526.987	53.63	1.28	74.0	20.37	Peak	299.00	100	Horizontal	Pass
5**	12526.987	44.29	1.28	54.0	9.71	AV	299.00	100	Horizontal	Pass
6	16122.863	53.86	1.93	74.0	20.14	Peak	273.00	100	Horizontal	Pass
6**	16122.863	44.63	1.93	54.0	9.37	AV	273.00	100	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	1618.000	38.38	-16.95	74.0	35.62	Peak	42.00	300	Vertical	Pass
1**	1618.000	28.31	-16.95	54.0	25.69	AV	42.00	300	Vertical	Pass
2	3936.500	48.79	-5.85	74.0	25.21	Peak	117.00	400	Vertical	Pass
2**	3936.500	40.19	-5.85	54.0	13.81	AV	117.00	400	Vertical	Pass
3	5314.000	101.60	-3.44	--	--	Peak	241.00	100	Vertical	N/A
3**	5314.000	93.72	-3.44	--	--	AV	241.00	100	Vertical	N/A
4	7535.500	52.64	0.42	74.0	21.36	Peak	324.00	100	Vertical	Pass
4**	7535.500	42.82	0.42	54.0	11.18	AV	324.00	100	Vertical	Pass
5	12510.363	54.07	1.38	74.0	19.93	Peak	225.00	200	Vertical	Pass
5**	12510.363	44.07	1.38	54.0	9.93	AV	225.00	200	Vertical	Pass
6	15670.575	53.94	1.92	74.0	20.06	Peak	263.00	200	Vertical	Pass
6**	15670.575	44.46	1.92	54.0	9.54	AV	263.00	200	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	1480.300	38.46	-16.93	74.0	35.54	Peak	283.00	300	Horizontal	Pass
1**	1480.300	28.91	-16.93	54.0	25.09	AV	283.00	300	Horizontal	Pass
2	3935.750	47.76	-5.79	74.0	26.24	Peak	200.00	100	Horizontal	Pass
2**	3935.750	39.08	-5.79	54.0	14.92	AV	200.00	100	Horizontal	Pass
3	5264.250	107.18	-3.06	--	--	Peak	261.00	150	Horizontal	N/A
3**	5264.250	100.65	-3.06	--	--	AV	261.00	150	Horizontal	N/A
4	7310.250	52.73	0.69	74.0	21.27	Peak	279.00	400	Horizontal	Pass
4**	7310.250	43.52	0.69	54.0	10.48	AV	279.00	400	Horizontal	Pass
5	12491.362	54.24	1.37	74.0	19.76	Peak	108.00	200	Horizontal	Pass
5**	12491.362	43.86	1.37	54.0	10.14	AV	108.00	200	Horizontal	Pass
6	15855.112	54.03	1.68	74.0	19.97	Peak	344.00	400	Horizontal	Pass
6**	15855.112	43.54	1.68	54.0	10.46	AV	344.00	400	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	1513.200	38.87	-16.73	74.0	35.13	Peak	27.00	200	Vertical	Pass
1**	1513.200	28.97	-16.73	54.0	25.03	AV	27.00	200	Vertical	Pass
2	4263.750	47.81	-4.69	74.0	26.19	Peak	317.00	400	Vertical	Pass
2**	4263.750	38.98	-4.69	54.0	15.02	AV	317.00	400	Vertical	Pass
3	5265.000	103.65	-2.76	--	--	Peak	257.00	200	Vertical	N/A
3**	5265.000	95.51	-2.76	--	--	AV	257.00	200	Vertical	N/A
4	7617.000	53.10	0.35	74.0	20.90	Peak	96.00	300	Vertical	Pass
4**	7617.000	43.82	0.35	54.0	10.18	AV	96.00	300	Vertical	Pass
5	12513.925	53.37	1.36	74.0	20.63	Peak	35.00	100	Vertical	Pass
5**	12513.925	44.54	1.36	54.0	9.46	AV	35.00	100	Vertical	Pass
6	16100.550	54.00	1.76	74.0	20.00	Peak	210.00	100	Vertical	Pass
6**	16100.550	45.21	1.76	54.0	8.79	AV	210.00	100	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	1436.000	38.33	-17.14	74.0	35.67	Peak	346.00	300	Horizontal	Pass
1**	1436.000	28.89	-17.14	54.0	25.11	AV	346.00	300	Horizontal	Pass
2	3935.750	48.07	-5.79	74.0	25.93	Peak	196.00	200	Horizontal	Pass
2**	3935.750	39.07	-5.79	54.0	14.93	AV	196.00	200	Horizontal	Pass
3	5300.750	107.79	-2.77	--	--	Peak	257.00	150	Horizontal	N/A
3**	5300.750	100.62	-2.77	--	--	AV	257.00	150	Horizontal	N/A
4	7583.750	53.89	1.16	74.0	20.11	Peak	278.00	400	Horizontal	Pass
4**	7583.750	44.10	1.16	54.0	9.90	AV	278.00	400	Horizontal	Pass
5	12500.388	53.70	1.44	74.0	20.30	Peak	360.00	150	Horizontal	Pass
5**	12500.388	44.88	1.44	54.0	9.12	AV	360.00	150	Horizontal	Pass
6	16096.349	53.73	1.70	74.0	20.27	Peak	285.00	400	Horizontal	Pass
6**	16096.349	44.70	1.70	54.0	9.30	AV	285.00	400	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	1496.000	38.84	-16.96	74.0	35.16	Peak	301.00	300	Vertical	Pass
1**	1496.000	29.52	-16.96	54.0	24.48	AV	301.00	300	Vertical	Pass
2	4263.500	48.24	-4.55	74.0	25.76	Peak	338.00	300	Vertical	Pass
2**	4263.500	38.68	-4.55	54.0	15.32	AV	338.00	300	Vertical	Pass
3	5302.500	103.72	-2.81	--	--	Peak	256.00	200	Vertical	N/A
3**	5302.500	95.57	-2.81	--	--	AV	256.00	200	Vertical	N/A
4	7261.000	52.89	-0.65	74.0	21.11	Peak	276.00	100	Vertical	Pass
4**	7261.000	43.92	-0.65	54.0	10.08	AV	276.00	100	Vertical	Pass
5	12467.375	53.50	1.18	74.0	20.50	Peak	113.00	150	Vertical	Pass
5**	12467.375	44.02	1.18	54.0	9.98	AV	113.00	150	Vertical	Pass
6	16126.800	53.92	1.97	74.0	20.08	Peak	123.00	300	Vertical	Pass
6**	16126.800	45.02	1.97	54.0	8.98	AV	123.00	300	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	1524.100	38.77	-17.13	74.0	35.23	Peak	177.00	100	Horizontal	Pass
1**	1524.100	28.23	-17.13	54.0	25.77	AV	177.00	100	Horizontal	Pass
2	3936.250	48.03	-5.84	74.0	25.97	Peak	161.00	300	Horizontal	Pass
2**	3936.250	40.47	-5.84	54.0	13.53	AV	161.00	300	Horizontal	Pass
3	5321.500	107.35	-2.68	--	--	Peak	243.00	200	Horizontal	N/A
3**	5321.500	100.20	-2.68	--	--	AV	243.00	200	Horizontal	N/A
4	7315.750	52.70	0.48	74.0	21.30	Peak	263.00	200	Horizontal	Pass
4**	7315.750	42.90	0.48	54.0	11.10	AV	263.00	200	Horizontal	Pass
5	12511.313	53.44	1.37	74.0	20.56	Peak	225.00	150	Horizontal	Pass
5**	12511.313	45.07	1.37	54.0	8.93	AV	225.00	150	Horizontal	Pass
6	15892.125	53.84	1.97	74.0	20.16	Peak	76.00	100	Horizontal	Pass
6**	15892.125	44.45	1.97	54.0	9.55	AV	76.00	100	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	1616.600	38.72	-16.96	74.0	35.28	Peak	243.00	100	Vertical	Pass
1**	1616.600	28.86	-16.96	54.0	25.14	AV	243.00	100	Vertical	Pass
2	3936.000	48.61	-5.82	74.0	25.39	Peak	107.00	100	Vertical	Pass
2**	3936.000	41.24	-5.82	54.0	12.76	AV	107.00	100	Vertical	Pass
3	5312.000	101.59	-3.21	--	--	Peak	236.00	150	Vertical	N/A
3**	5312.000	93.67	-3.21	--	--	AV	236.00	150	Vertical	N/A
4	7305.000	52.59	-0.22	74.0	21.41	Peak	192.00	400	Vertical	Pass
4**	7305.000	42.04	-0.22	54.0	11.96	AV	192.00	400	Vertical	Pass
5	12451.937	53.42	1.05	74.0	20.58	Peak	50.00	100	Vertical	Pass
5**	12451.937	44.04	1.05	54.0	9.96	AV	50.00	100	Vertical	Pass
6	16102.912	53.74	1.77	74.0	20.26	Peak	0.00	100	Vertical	Pass
6**	16102.912	44.70	1.77	54.0	9.30	AV	0.00	100	Vertical	Pass

11ax20 (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	1605.300	38.53	-16.71	74.0	35.47	Peak	110.00	200	Horizontal	Pass
1**	1605.300	28.78	-16.71	54.0	25.22	AV	110.00	200	Horizontal	Pass
2	3936.250	48.88	-5.84	74.0	25.12	Peak	177.00	200	Horizontal	Pass
2**	3936.250	41.40	-5.84	54.0	12.60	AV	177.00	200	Horizontal	Pass
3	5264.250	105.98	-3.06	--	--	Peak	237.00	200	Horizontal	N/A
3**	5264.250	96.82	-3.06	--	--	AV	237.00	200	Horizontal	N/A
4	7616.250	53.61	0.32	74.0	20.39	Peak	196.00	400	Horizontal	Pass
4**	7616.250	43.71	0.32	54.0	10.29	AV	196.00	400	Horizontal	Pass
5	12446.000	53.21	1.04	74.0	20.79	Peak	151.00	150	Horizontal	Pass
5**	12446.000	43.95	1.04	54.0	10.05	AV	151.00	150	Horizontal	Pass
6	15454.012	53.79	1.90	74.0	20.21	Peak	179.00	300	Horizontal	Pass
6**	15454.012	43.92	1.90	54.0	10.08	AV	179.00	300	Horizontal	Pass

11ax20 (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	1531.100	38.33	-16.67	74.0	35.67	Peak	210.00	100	Vertical	Pass
1**	1531.100	29.72	-16.67	54.0	24.28	AV	210.00	100	Vertical	Pass
2	4264.250	49.46	-4.83	74.0	24.54	Peak	337.00	400	Vertical	Pass
2**	4264.250	40.36	-4.83	54.0	13.64	AV	337.00	400	Vertical	Pass
3	5258.250	100.88	-3.30	--	--	Peak	176.00	150	Vertical	N/A
3**	5258.250	93.17	-3.30	--	--	AV	176.00	150	Vertical	N/A
4	7621.500	53.33	0.14	74.0	20.67	Peak	57.00	100	Vertical	Pass
4**	7621.500	44.93	0.14	54.0	9.07	AV	57.00	100	Vertical	Pass
5	12518.200	53.59	1.33	74.0	20.41	Peak	360.00	100	Vertical	Pass
5**	12518.200	44.33	1.33	54.0	9.67	AV	360.00	100	Vertical	Pass
6	16115.512	53.72	1.88	74.0	20.28	Peak	4.00	300	Vertical	Pass
6**	16115.512	44.69	1.88	54.0	9.31	AV	4.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.000	38.09	-17.45	74.0	35.91	Peak	329.00	400	Horizontal	Pass
1**	1567.000	28.18	-17.45	54.0	25.82	AV	329.00	400	Horizontal	Pass
2	3936.250	48.49	-5.84	74.0	25.51	Peak	0.00	400	Horizontal	Pass
2**	3936.250	40.58	-5.84	54.0	13.42	AV	0.00	400	Horizontal	Pass
3	5296.250	105.55	-2.89	--	--	Peak	257.00	150	Horizontal	N/A
3**	5296.250	97.31	-2.89	--	--	AV	257.00	150	Horizontal	N/A
4	7601.750	52.86	0.71	74.0	21.14	Peak	360.00	100	Horizontal	Pass
4**	7601.750	43.80	0.71	54.0	10.20	AV	360.00	100	Horizontal	Pass
5	12515.826	53.55	1.35	74.0	20.45	Peak	283.00	100	Horizontal	Pass
5**	12515.826	44.61	1.35	54.0	9.39	AV	283.00	100	Horizontal	Pass
6	16121.026	54.49	1.92	74.0	19.51	Peak	247.00	100	Horizontal	Pass
6**	16121.026	44.77	1.92	54.0	9.23	AV	247.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.900	38.28	-17.08	74.0	35.72	Peak	190.00	100	Vertical	Pass
1**	1491.900	28.42	-17.08	54.0	25.58	AV	190.00	100	Vertical	Pass
2	3935.750	48.01	-5.79	74.0	25.99	Peak	117.00	200	Vertical	Pass
2**	3935.750	38.67	-5.79	54.0	15.33	AV	117.00	200	Vertical	Pass
3	5303.750	102.52	-2.80	--	--	Peak	256.00	200	Vertical	N/A
3**	5303.750	95.26	-2.80	--	--	AV	256.00	200	Vertical	N/A
4	7485.500	52.62	1.35	74.0	21.38	Peak	135.00	100	Vertical	Pass
4**	7485.500	43.07	1.35	54.0	10.93	AV	135.00	100	Vertical	Pass
5	12498.013	53.58	1.42	74.0	20.42	Peak	0.00	150	Vertical	Pass
5**	12498.013	43.85	1.42	54.0	10.15	AV	0.00	150	Vertical	Pass
6	15912.337	53.95	1.81	74.0	20.05	Peak	21.00	300	Vertical	Pass
6**	15912.337	44.76	1.81	54.0	9.24	AV	21.00	300	Vertical	Pass

11ax20 (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	1478.500	38.53	-16.92	74.0	35.47	Peak	33.00	300	Horizontal	Pass
1**	1478.500	29.79	-16.92	54.0	24.21	AV	33.00	300	Horizontal	Pass
2	3936.000	49.08	-5.82	74.0	24.92	Peak	182.00	300	Horizontal	Pass
2**	3936.000	40.97	-5.82	54.0	13.03	AV	182.00	300	Horizontal	Pass
3	5321.250	106.79	-2.95	--	--	Peak	243.00	150	Horizontal	N/A
3**	5321.250	98.17	-2.95	--	--	AV	243.00	150	Horizontal	N/A
4	7623.250	53.14	0.32	74.0	20.86	Peak	161.00	300	Horizontal	Pass
4**	7623.250	43.61	0.32	54.0	10.39	AV	161.00	300	Horizontal	Pass
5	12403.013	53.46	1.10	74.0	20.54	Peak	11.00	150	Horizontal	Pass
5**	12403.013	42.88	1.10	54.0	11.12	AV	11.00	150	Horizontal	Pass
6	16128.375	53.53	1.98	74.0	20.47	Peak	71.00	200	Horizontal	Pass
6**	16128.375	44.19	1.98	54.0	9.81	AV	71.00	200	Horizontal	Pass

11ax20 (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	1599.800	38.73	-16.79	74.0	35.27	Peak	235.00	300	Vertical	Pass
1**	1599.800	29.24	-16.79	54.0	24.76	AV	235.00	300	Vertical	Pass
2	4264.500	49.46	-5.00	74.0	24.54	Peak	300.00	300	Vertical	Pass
2**	4264.500	41.22	-5.00	54.0	12.78	AV	300.00	300	Vertical	Pass
3	5317.500	102.69	-2.96	--	--	Peak	237.00	200	Vertical	N/A
3**	5317.500	94.35	-2.96	--	--	AV	237.00	200	Vertical	N/A
4	7584.500	53.47	0.89	74.0	20.53	Peak	360.00	300	Vertical	Pass
4**	7584.500	44.00	0.89	54.0	10.00	AV	360.00	300	Vertical	Pass
5	12477.350	53.51	1.26	74.0	20.49	Peak	57.00	100	Vertical	Pass
5**	12477.350	43.46	1.26	54.0	10.54	AV	57.00	100	Vertical	Pass
6	15692.363	53.61	1.69	74.0	20.39	Peak	39.00	300	Vertical	Pass
6**	15692.363	44.03	1.69	54.0	9.97	AV	39.00	300	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	1621.200	38.21	-16.76	74.0	35.79	Peak	4.00	100	Horizontal	Pass
1**	1621.200	29.30	-16.76	54.0	24.70	AV	4.00	100	Horizontal	Pass
2	4263.500	49.19	-4.55	74.0	24.81	Peak	303.00	100	Horizontal	Pass
2**	4263.500	39.32	-4.55	54.0	14.68	AV	303.00	100	Horizontal	Pass
3	5493.250	101.96	-2.20	--	--	Peak	241.00	200	Horizontal	N/A
3**	5493.250	94.38	-2.20	--	--	AV	241.00	200	Horizontal	N/A
4	7420.250	53.26	1.47	74.0	20.74	Peak	0.00	200	Horizontal	Pass
4**	7420.250	44.59	1.47	54.0	9.41	AV	0.00	200	Horizontal	Pass
5	12512.026	53.09	1.37	74.0	20.91	Peak	296.00	200	Horizontal	Pass
5**	12512.026	45.41	1.37	54.0	8.59	AV	296.00	200	Horizontal	Pass
6	16131.526	54.55	2.00	74.0	19.45	Peak	193.00	300	Horizontal	Pass
6**	16131.526	44.55	2.00	54.0	9.45	AV	193.00	300	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	1621.200	38.21	-16.76	74.0	35.79	Peak	4.00	200	Vertical	Pass
1**	1621.200	29.30	-16.76	54.0	24.70	AV	4.00	200	Vertical	Pass
2	4263.500	49.19	-4.55	74.0	24.81	Peak	303.00	400	Vertical	Pass
2**	4263.500	39.32	-4.55	54.0	14.68	AV	303.00	400	Vertical	Pass
3	5493.250	101.96	-2.20	--	--	Peak	241.00	150	Vertical	N/A
3**	5493.250	94.38	-2.20	--	--	AV	241.00	150	Vertical	N/A
4	7420.250	53.26	1.47	74.0	20.74	Peak	0.00	100	Vertical	Pass
4**	7420.250	44.59	1.47	54.0	9.41	AV	0.00	100	Vertical	Pass
5	12512.026	53.09	1.37	74.0	20.91	Peak	296.00	100	Vertical	Pass
5**	12512.026	45.41	1.37	54.0	8.59	AV	296.00	100	Vertical	Pass
6	16131.526	54.55	2.00	74.0	19.45	Peak	193.00	100	Vertical	Pass
6**	16131.526	44.55	2.00	54.0	9.45	AV	193.00	100	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	1614.200	38.36	-16.89	74.0	35.64	Peak	295.00	200	Horizontal	Pass
1**	1614.200	30.09	-16.89	54.0	23.91	AV	295.00	200	Horizontal	Pass
2	3935.750	48.63	-5.79	74.0	25.37	Peak	180.00	100	Horizontal	Pass
2**	3935.750	39.02	-5.79	54.0	14.98	AV	180.00	100	Horizontal	Pass
3	5576.750	108.98	-2.03	--	--	Peak	241.00	200	Horizontal	N/A
3**	5576.750	101.33	-2.03	--	--	AV	241.00	200	Horizontal	N/A
4	7599.000	53.14	1.11	74.0	20.86	Peak	0.00	100	Horizontal	Pass
4**	7599.000	44.61	1.11	54.0	9.39	AV	0.00	100	Horizontal	Pass
5	12551.451	53.18	1.12	74.0	20.82	Peak	115.00	200	Horizontal	Pass
5**	12551.451	43.27	1.12	54.0	10.73	AV	115.00	200	Horizontal	Pass
6	16140.713	53.94	2.08	74.0	20.06	Peak	178.00	300	Horizontal	Pass
6**	16140.713	44.69	2.08	54.0	9.31	AV	178.00	300	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	1503.100	38.27	-16.88	74.0	35.73	Peak	290.00	200	Vertical	Pass
1**	1503.100	29.40	-16.88	54.0	24.60	AV	290.00	200	Vertical	Pass
2	3936.000	48.76	-5.82	74.0	25.24	Peak	222.00	400	Vertical	Pass
2**	3936.000	42.97	-5.82	54.0	11.03	AV	222.00	400	Vertical	Pass
3	5587.000	101.87	-2.06	--	--	Peak	139.00	200	Vertical	N/A
3**	5587.000	94.22	-2.06	--	--	AV	139.00	200	Vertical	N/A
4	7582.000	52.74	0.41	74.0	21.26	Peak	0.00	200	Vertical	Pass
4**	7582.000	43.16	0.41	54.0	10.84	AV	0.00	200	Vertical	Pass
5	12452.888	53.49	1.06	74.0	20.51	Peak	312.00	100	Vertical	Pass
5**	12452.888	44.19	1.06	54.0	9.81	AV	312.00	100	Vertical	Pass
6	16101.338	53.90	1.76	74.0	20.10	Peak	40.00	100	Vertical	Pass
6**	16101.338	44.93	1.76	54.0	9.07	AV	40.00	100	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	1472.900	38.60	-17.12	74.0	35.40	Peak	297.00	400	Horizontal	Pass
1**	1472.900	29.01	-17.12	54.0	24.99	AV	297.00	400	Horizontal	Pass
2	3936.500	48.66	-5.85	74.0	25.34	Peak	163.00	200	Horizontal	Pass
2**	3936.500	40.31	-5.85	54.0	13.69	AV	163.00	200	Horizontal	Pass
3	5695.000	107.54	-2.19	--	--	Peak	244.00	200	Horizontal	N/A
3**	5695.000	100.08	-2.19	--	--	AV	244.00	200	Horizontal	N/A
4	7512.750	52.92	0.20	74.0	21.08	Peak	244.00	300	Horizontal	Pass
4**	7512.750	43.67	0.20	54.0	10.33	AV	244.00	300	Horizontal	Pass
5	12512.026	53.83	1.37	74.0	20.17	Peak	54.00	200	Horizontal	Pass
5**	12512.026	44.05	1.37	54.0	9.95	AV	54.00	200	Horizontal	Pass
6	15649.313	53.91	2.13	74.0	20.09	Peak	28.00	200	Horizontal	Pass
6**	15649.313	44.48	2.13	54.0	9.52	AV	28.00	200	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	1471.800	38.78	-16.99	74.0	35.22	Peak	150.00	100	Vertical	Pass
1**	1471.800	29.18	-16.99	54.0	24.82	AV	150.00	100	Vertical	Pass
2	3936.000	48.83	-5.82	74.0	25.17	Peak	224.00	100	Vertical	Pass
2**	3936.000	40.08	-5.82	54.0	13.92	AV	224.00	100	Vertical	Pass
3	5707.250	100.57	-2.37	--	--	Peak	142.00	200	Vertical	N/A
3**	5707.250	93.14	-2.37	--	--	AV	142.00	200	Vertical	N/A
4	7355.750	53.01	0.45	74.0	20.99	Peak	102.00	300	Vertical	Pass
4**	7355.750	43.39	0.45	54.0	10.61	AV	102.00	300	Vertical	Pass
5	12437.925	54.09	1.05	74.0	19.91	Peak	228.00	200	Vertical	Pass
5**	12437.925	44.20	1.05	54.0	9.80	AV	228.00	200	Vertical	Pass
6	16094.513	53.73	1.68	74.0	20.27	Peak	144.00	400	Vertical	Pass
6**	16094.513	45.10	1.68	54.0	8.90	AV	144.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.600	38.21	-16.91	74.0	35.79	Peak	222.00	200	Horizontal	Pass
1**	1582.600	28.63	-16.91	54.0	25.37	AV	222.00	200	Horizontal	Pass
2	3936.250	48.76	-5.84	74.0	25.24	Peak	161.00	400	Horizontal	Pass
2**	3936.250	41.42	-5.84	54.0	12.58	AV	161.00	400	Horizontal	Pass
3	5495.750	103.19	-2.44	--	--	Peak	243.00	200	Horizontal	N/A
3**	5495.750	95.32	-2.44	--	--	AV	243.00	200	Horizontal	N/A
4	7519.750	52.74	-0.12	74.0	21.26	Peak	0.00	400	Horizontal	Pass
4**	7519.750	42.90	-0.12	54.0	11.10	AV	0.00	400	Horizontal	Pass
5	12496.349	53.23	1.41	74.0	20.77	Peak	18.00	150	Horizontal	Pass
5**	12496.349	44.03	1.41	54.0	9.97	AV	18.00	150	Horizontal	Pass
6	16111.050	53.92	1.84	74.0	20.08	Peak	130.00	300	Horizontal	Pass
6**	16111.050	44.88	1.84	54.0	9.12	AV	130.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.900	38.28	-17.12	74.0	35.72	Peak	359.00	400	Vertical	Pass
1**	1439.900	28.75	-17.12	54.0	25.25	AV	359.00	400	Vertical	Pass
2	4264.000	48.27	-4.74	74.0	25.73	Peak	0.00	200	Vertical	Pass
2**	4264.000	40.55	-4.74	54.0	13.45	AV	0.00	200	Vertical	Pass
3	5522.500	96.09	-2.70	--	--	Peak	261.00	100	Vertical	N/A
3**	5522.500	88.49	-2.70	--	--	AV	261.00	100	Vertical	N/A
4	7421.000	54.06	1.19	74.0	19.94	Peak	0.00	400	Vertical	Pass
4**	7421.000	44.95	1.19	54.0	9.05	AV	0.00	400	Vertical	Pass
5	12507.037	53.28	1.40	74.0	20.72	Peak	40.00	150	Vertical	Pass
5**	12507.037	44.71	1.40	54.0	9.29	AV	40.00	150	Vertical	Pass
6	15882.412	54.41	1.89	74.0	19.59	Peak	358.00	200	Vertical	Pass
6**	15882.412	44.77	1.89	54.0	9.23	AV	358.00	200	Vertical	Pass

11n40, 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	1512.500	39.29	-16.53	74.0	34.71	Peak	341.00	400	Horizontal	Pass
1**	1512.500	28.47	-16.53	54.0	25.53	AV	341.00	400	Horizontal	Pass
2	4592.000	49.51	-4.55	74.0	24.49	Peak	118.00	100	Horizontal	Pass
2**	4592.000	41.29	-4.55	54.0	12.71	AV	118.00	100	Horizontal	Pass
3	5577.750	103.72	-2.04	--	--	Peak	242.00	200	Horizontal	N/A
3**	5577.750	96.19	-2.04	--	--	AV	242.00	200	Horizontal	N/A
4	7611.750	52.88	0.27	74.0	21.12	Peak	118.00	300	Horizontal	Pass
4**	7611.750	43.57	0.27	54.0	10.43	AV	118.00	300	Horizontal	Pass
5	12504.424	53.02	1.41	74.0	20.98	Peak	150.00	150	Horizontal	Pass
5**	12504.424	44.16	1.41	54.0	9.84	AV	150.00	150	Horizontal	Pass
6	16138.087	54.48	2.06	74.0	19.52	Peak	96.00	300	Horizontal	Pass
6**	16138.087	44.35	2.06	54.0	9.65	AV	96.00	300	Horizontal	Pass

11n40, 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	1613.000	38.87	-16.60	74.0	35.13	Peak	208.00	100	Vertical	Pass
1**	1613.000	29.53	-16.60	54.0	24.47	AV	208.00	100	Vertical	Pass
2	4264.000	48.88	-4.74	74.0	25.12	Peak	302.00	200	Vertical	Pass
2**	4264.000	40.26	-4.74	54.0	13.74	AV	302.00	200	Vertical	Pass
3	5596.500	97.89	-2.29	--	--	Peak	156.00	200	Vertical	N/A
3**	5596.500	89.66	-2.29	--	--	AV	156.00	200	Vertical	N/A
4	7605.000	52.83	0.46	74.0	21.17	Peak	8.00	200	Vertical	Pass
4**	7605.000	43.36	0.46	54.0	10.64	AV	8.00	200	Vertical	Pass
5	12514.400	53.36	1.36	74.0	20.64	Peak	337.00	100	Vertical	Pass
5**	12514.400	44.85	1.36	54.0	9.15	AV	337.00	100	Vertical	Pass
6	16135.725	54.08	2.04	74.0	19.92	Peak	163.00	400	Vertical	Pass
6**	16135.725	44.93	2.04	54.0	9.07	AV	163.00	400	Vertical	Pass

11n40, 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	1572.800	38.25	-16.97	74.0	35.75	Peak	215.00	200	Horizontal	Pass
1**	1572.800	28.64	-16.97	54.0	25.36	AV	215.00	200	Horizontal	Pass
2	3936.250	48.20	-5.84	74.0	25.80	Peak	122.00	200	Horizontal	Pass
2**	3936.250	40.54	-5.84	54.0	13.46	AV	122.00	200	Horizontal	Pass
3	5655.000	102.30	-2.12	--	--	Peak	242.00	200	Horizontal	N/A
3**	5655.000	93.43	-2.12	--	--	AV	242.00	200	Horizontal	N/A
4	7415.500	53.23	0.66	74.0	20.77	Peak	303.00	300	Horizontal	Pass
4**	7415.500	43.19	0.66	54.0	10.81	AV	303.00	300	Horizontal	Pass
5	12568.549	53.20	0.82	74.0	20.80	Peak	77.00	200	Horizontal	Pass
5**	12568.549	43.10	0.82	54.0	10.90	AV	77.00	200	Horizontal	Pass
6	15833.588	53.95	1.45	74.0	20.05	Peak	57.00	300	Horizontal	Pass
6**	15833.588	43.18	1.45	54.0	10.82	AV	57.00	300	Horizontal	Pass

11n40, 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	1440.700	38.18	-16.87	74.0	35.82	Peak	87.00	200	Vertical	Pass
1**	1440.700	29.08	-16.87	54.0	24.92	AV	87.00	200	Vertical	Pass
2	4263.750	48.84	-4.69	74.0	25.16	Peak	326.00	100	Vertical	Pass
2**	4263.750	39.07	-4.69	54.0	14.93	AV	326.00	100	Vertical	Pass
3	5662.500	99.27	-2.53	--	--	Peak	244.00	200	Vertical	N/A
3**	5662.500	92.40	-2.53	--	--	AV	244.00	200	Vertical	N/A
4	7615.750	53.39	0.23	74.0	20.61	Peak	344.00	400	Vertical	Pass
4**	7615.750	44.55	0.23	54.0	9.45	AV	344.00	400	Vertical	Pass
5	12481.625	52.98	1.29	74.0	21.02	Peak	310.00	100	Vertical	Pass
5**	12481.625	43.86	1.29	54.0	10.14	AV	310.00	100	Vertical	Pass
6	15824.137	53.95	1.34	74.0	20.05	Peak	264.00	400	Vertical	Pass
6**	15824.137	43.08	1.34	54.0	10.92	AV	264.00	400	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	1604.000	38.13	-16.82	74.0	35.87	Peak	130.00	300	Horizontal	Pass
1**	1604.000	29.43	-16.82	54.0	24.57	AV	130.00	300	Horizontal	Pass
2	3935.500	48.65	-5.80	74.0	25.35	Peak	164.00	300	Horizontal	Pass
2**	3935.500	37.43	-5.80	54.0	16.57	AV	164.00	300	Horizontal	Pass
3	5492.250	106.24	-2.24	--	--	Peak	244.00	200	Horizontal	N/A
3**	5492.250	97.85	-2.24	--	--	AV	244.00	200	Horizontal	N/A
4	7625.000	53.17	0.24	74.0	20.83	Peak	44.00	100	Horizontal	Pass
4**	7625.000	44.03	0.24	54.0	9.97	AV	44.00	100	Horizontal	Pass
5	12471.650	53.59	1.21	74.0	20.41	Peak	148.00	150	Horizontal	Pass
5**	12471.650	44.16	1.21	54.0	9.84	AV	148.00	150	Horizontal	Pass
6	15901.050	54.92	2.01	74.0	19.08	Peak	266.00	100	Horizontal	Pass
6**	15901.050	46.74	2.01	54.0	7.26	AV	266.00	100	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	1499.100	40.06	-16.90	74.0	33.94	Peak	11.00	200	Vertical	Pass
1**	1499.100	31.31	-16.90	54.0	22.69	AV	11.00	200	Vertical	Pass
2	3936.250	47.72	-5.84	74.0	26.28	Peak	105.00	200	Vertical	Pass
2**	3936.250	40.20	-5.84	54.0	13.80	AV	105.00	200	Vertical	Pass
3	5497.000	102.45	-2.77	--	--	Peak	246.00	100	Vertical	N/A
3**	5497.000	92.08	-2.77	--	--	AV	246.00	100	Vertical	N/A
4	7343.000	52.91	-0.27	74.0	21.09	Peak	326.00	100	Vertical	Pass
4**	7343.000	43.16	-0.27	54.0	10.84	AV	326.00	100	Vertical	Pass
5	12464.525	53.99	1.15	74.0	20.01	Peak	104.00	100	Vertical	Pass
5**	12464.525	44.10	1.15	54.0	9.90	AV	104.00	100	Vertical	Pass
6	15802.350	53.46	1.07	74.0	20.54	Peak	131.00	400	Vertical	Pass
6**	15802.350	43.64	1.07	54.0	10.36	AV	131.00	400	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	1593.100	38.73	-16.97	74.0	35.27	Peak	149.00	400	Horizontal	Pass
1**	1593.100	29.54	-16.97	54.0	24.46	AV	149.00	400	Horizontal	Pass
2	3935.750	47.45	-5.79	74.0	26.55	Peak	185.00	100	Horizontal	Pass
2**	3935.750	40.66	-5.79	54.0	13.34	AV	185.00	100	Horizontal	Pass
3	5581.500	106.76	-1.94	--	--	Peak	244.00	150	Horizontal	N/A
3**	5581.500	98.18	-1.94	--	--	AV	244.00	150	Horizontal	N/A
4	7597.250	53.09	0.81	74.0	20.91	Peak	224.00	400	Horizontal	Pass
4**	7597.250	43.43	0.81	54.0	10.57	AV	224.00	400	Horizontal	Pass
5	12523.187	53.01	1.30	74.0	20.99	Peak	162.00	200	Horizontal	Pass
5**	12523.187	44.63	1.30	54.0	9.37	AV	162.00	200	Horizontal	Pass
6	15648.525	53.50	2.11	74.0	20.50	Peak	137.00	300	Horizontal	Pass
6**	15648.525	44.49	2.11	54.0	9.51	AV	137.00	300	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	1601.800	38.56	-16.87	74.0	35.44	Peak	332.00	200	Vertical	Pass
1**	1601.800	29.08	-16.87	54.0	24.92	AV	332.00	200	Vertical	Pass
2	3936.000	50.30	-5.82	74.0	23.70	Peak	104.00	300	Vertical	Pass
2**	3936.000	39.61	-5.82	54.0	14.39	AV	104.00	300	Vertical	Pass
3	5573.000	104.37	-2.40	--	--	Peak	244.00	100	Vertical	N/A
3**	5573.000	92.93	-2.40	--	--	AV	244.00	100	Vertical	N/A
4	7599.000	52.73	1.11	74.0	21.27	Peak	324.00	300	Vertical	Pass
4**	7599.000	44.44	1.11	54.0	9.56	AV	324.00	300	Vertical	Pass
5	12515.826	53.45	1.35	74.0	20.55	Peak	236.00	200	Vertical	Pass
5**	12515.826	44.63	1.35	54.0	9.37	AV	236.00	200	Vertical	Pass
6	16123.388	53.92	1.94	74.0	20.08	Peak	137.00	300	Vertical	Pass
6**	16123.388	44.98	1.94	54.0	9.02	AV	137.00	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	1486.400	38.37	-17.04	74.0	35.63	Peak	360.00	100	Horizontal	Pass
1**	1486.400	29.57	-17.04	54.0	24.43	AV	360.00	100	Horizontal	Pass
2	3935.750	49.57	-5.79	74.0	24.43	Peak	159.00	200	Horizontal	Pass
2**	3935.750	39.40	-5.79	54.0	14.60	AV	159.00	200	Horizontal	Pass
3	5708.250	101.92	-2.45	--	--	Peak	241.00	150	Horizontal	N/A
3**	5708.250	95.71	-2.45	--	--	AV	241.00	150	Horizontal	N/A
4	7314.750	53.37	0.71	74.0	20.63	Peak	343.00	400	Horizontal	Pass
4**	7314.750	44.09	0.71	54.0	9.91	AV	343.00	400	Horizontal	Pass
5	12425.575	52.99	1.07	74.0	21.01	Peak	232.00	100	Horizontal	Pass
5**	12425.575	43.17	1.07	54.0	10.83	AV	232.00	100	Horizontal	Pass
6	16104.487	55.24	1.79	74.0	18.76	Peak	0.00	200	Horizontal	Pass
6**	16104.487	44.86	1.79	54.0	9.14	AV	0.00	200	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	1496.600	39.00	-16.86	74.0	35.00	Peak	320.00	400	Vertical	Pass
1**	1496.600	29.73	-16.86	54.0	24.27	AV	320.00	400	Vertical	Pass
2	4592.000	51.75	-4.55	74.0	22.25	Peak	202.00	200	Vertical	Pass
2**	4592.000	43.53	-4.55	54.0	10.47	AV	202.00	200	Vertical	Pass
3	5705.500	101.07	-2.39	--	--	Peak	140.00	150	Vertical	N/A
3**	5705.500	91.61	-2.39	--	--	AV	140.00	150	Vertical	N/A
4	7607.500	53.15	0.60	74.0	20.85	Peak	79.00	200	Vertical	Pass
4**	7607.500	44.17	0.60	54.0	9.83	AV	79.00	200	Vertical	Pass
5	12516.775	53.90	1.34	74.0	20.10	Peak	230.00	100	Vertical	Pass
5**	12516.775	44.89	1.34	54.0	9.11	AV	230.00	100	Vertical	Pass
6	15903.674	54.10	1.96	74.0	19.90	Peak	88.00	200	Vertical	Pass
6**	15903.674	44.67	1.96	54.0	9.33	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	1449.100	38.67	-17.00	74.0	35.33	Peak	273.00	400	Horizontal	Pass
1**	1449.100	28.74	-17.00	54.0	25.26	AV	273.00	400	Horizontal	Pass
2	3936.250	50.20	-5.84	74.0	23.80	Peak	161.00	100	Horizontal	Pass
2**	3936.250	40.16	-5.84	54.0	13.84	AV	161.00	100	Horizontal	Pass
3	5742.500	107.52	-2.06	--	--	Peak	263.00	100	Horizontal	N/A
3**	5742.500	101.28	-2.06	--	--	AV	263.00	100	Horizontal	N/A
4	7598.750	52.69	0.98	74.0	21.31	Peak	80.00	300	Horizontal	Pass
4**	7598.750	43.65	0.98	54.0	10.35	AV	80.00	300	Horizontal	Pass
5	12408.713	53.15	1.09	74.0	20.85	Peak	344.00	100	Horizontal	Pass
5**	12408.713	43.67	1.09	54.0	10.33	AV	344.00	100	Horizontal	Pass
6	15887.400	53.82	1.93	74.0	20.18	Peak	195.00	100	Horizontal	Pass
6**	15887.400	44.98	1.93	54.0	9.02	AV	195.00	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	1617.200	38.61	-16.99	74.0	35.39	Peak	87.00	200	Vertical	Pass
1**	1617.200	28.75	-16.99	54.0	25.25	AV	87.00	200	Vertical	Pass
2	3936.250	49.08	-5.84	74.0	24.92	Peak	102.00	300	Vertical	Pass
2**	3936.250	40.53	-5.84	54.0	13.47	AV	102.00	300	Vertical	Pass
3	5747.750	103.96	-2.31	--	--	Peak	244.00	150	Vertical	N/A
3**	5747.750	95.37	-2.31	--	--	AV	244.00	150	Vertical	N/A
4	7617.000	53.17	0.35	74.0	20.83	Peak	102.00	200	Vertical	Pass
4**	7617.000	43.82	0.35	54.0	10.18	AV	102.00	200	Vertical	Pass
5	12507.987	53.04	1.39	74.0	20.96	Peak	152.00	200	Vertical	Pass
5**	12507.987	44.88	1.39	54.0	9.12	AV	152.00	200	Vertical	Pass
6	16085.325	53.62	1.56	74.0	20.38	Peak	0.00	400	Vertical	Pass
6**	16085.325	44.09	1.56	54.0	9.91	AV	0.00	400	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	1621.400	38.35	-16.85	74.0	35.65	Peak	211.00	400	Horizontal	Pass
1**	1621.400	29.00	-16.85	54.0	25.00	AV	211.00	400	Horizontal	Pass
2	4592.500	49.61	-4.36	74.0	24.39	Peak	122.00	150	Horizontal	Pass
2**	4592.500	41.77	-4.36	54.0	12.23	AV	122.00	150	Horizontal	Pass
3	5780.750	104.20	-2.83	--	--	Peak	265.00	100	Horizontal	N/A
3**	5780.750	96.45	-2.83	--	--	AV	265.00	100	Horizontal	N/A
4	7638.750	52.88	0.42	74.0	21.12	Peak	0.00	100	Horizontal	Pass
4**	7638.750	43.41	0.42	54.0	10.59	AV	0.00	100	Horizontal	Pass
5	12480.912	54.34	1.29	74.0	19.66	Peak	77.00	100	Horizontal	Pass
5**	12480.912	44.31	1.29	54.0	9.69	AV	77.00	100	Horizontal	Pass
6	15783.187	53.60	1.11	74.0	20.40	Peak	93.00	400	Horizontal	Pass
6**	15783.187	43.13	1.11	54.0	10.87	AV	93.00	400	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	1614.500	38.08	-17.10	74.0	35.92	Peak	298.00	300	Vertical	Pass
1**	1614.500	28.34	-17.10	54.0	25.66	AV	298.00	300	Vertical	Pass
2	3935.750	49.16	-5.79	74.0	24.84	Peak	120.00	300	Vertical	Pass
2**	3935.750	39.77	-5.79	54.0	14.23	AV	120.00	300	Vertical	Pass
3	5786.000	102.32	-2.41	--	--	Peak	242.00	100	Vertical	N/A
3**	5786.000	94.17	-2.41	--	--	AV	242.00	100	Vertical	N/A
4	7485.750	52.65	1.39	74.0	21.35	Peak	242.00	300	Vertical	Pass
4**	7485.750	43.08	1.39	54.0	10.92	AV	242.00	300	Vertical	Pass
5	12518.912	52.98	1.33	74.0	21.02	Peak	101.00	200	Vertical	Pass
5**	12518.912	44.07	1.33	54.0	9.93	AV	101.00	200	Vertical	Pass
6	16075.612	53.64	1.43	74.0	20.36	Peak	70.00	100	Vertical	Pass
6**	16075.612	43.96	1.43	54.0	10.04	AV	70.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1475.500	38.64	-17.18	74.0	35.36	Peak	189.00	300	Horizontal	Pass
1**	1475.500	28.76	-17.18	54.0	25.24	AV	189.00	300	Horizontal	Pass
2	3936.000	48.68	-5.82	74.0	25.32	Peak	161.00	400	Horizontal	Pass
2**	3936.000	40.05	-5.82	54.0	13.95	AV	161.00	400	Horizontal	Pass
3	5815.250	104.68	-2.29	--	--	Peak	261.00	100	Horizontal	N/A
3**	5815.250	97.09	-2.29	--	--	AV	261.00	100	Horizontal	N/A
4	7313.000	52.68	0.70	74.0	21.32	Peak	360.00	300	Horizontal	Pass
4**	7313.000	43.12	0.70	54.0	10.88	AV	360.00	300	Horizontal	Pass
5	12497.776	53.51	1.42	74.0	20.49	Peak	33.00	100	Horizontal	Pass
5**	12497.776	44.71	1.42	54.0	9.29	AV	33.00	100	Horizontal	Pass
6	16076.662	54.37	1.44	74.0	19.63	Peak	1.00	400	Horizontal	Pass
6**	16076.662	44.64	1.44	54.0	9.36	AV	1.00	400	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	1442.600	38.46	-16.90	74.0	35.54	Peak	289.00	300	Vertical	Pass
1**	1442.600	29.15	-16.90	54.0	24.85	AV	289.00	300	Vertical	Pass
2	4591.750	52.02	-4.61	74.0	21.98	Peak	163.00	0	Vertical	Pass
2**	4591.750	42.48	-4.61	54.0	11.52	AV	163.00	0	Vertical	Pass
3	5814.250	101.99	-2.22	--	--	Peak	244.00	100	Vertical	N/A
3**	5814.250	94.14	-2.22	--	--	AV	244.00	100	Vertical	N/A
4	7421.000	52.70	1.19	74.0	21.30	Peak	102.00	400	Vertical	Pass
4**	7421.000	43.72	1.19	54.0	10.28	AV	102.00	400	Vertical	Pass
5	12498.487	53.25	1.43	74.0	20.75	Peak	274.00	150	Vertical	Pass
5**	12498.487	44.68	1.43	54.0	9.32	AV	274.00	150	Vertical	Pass
6	15888.451	53.47	1.94	74.0	20.53	Peak	134.00	200	Vertical	Pass
6**	15888.451	44.18	1.94	54.0	9.82	AV	134.00	200	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	1554.800	38.70	-17.34	74.0	35.30	Peak	135.00	300	Horizontal	Pass
1**	1554.800	28.40	-17.34	54.0	25.60	AV	135.00	300	Horizontal	Pass
2	4592.000	50.09	-4.55	74.0	23.91	Peak	159.00	150	Horizontal	Pass
2**	4592.000	40.63	-4.55	54.0	13.37	AV	159.00	150	Horizontal	Pass
3	5746.500	102.01	-2.01	--	--	Peak	261.00	100	Horizontal	N/A
3**	5746.500	95.18	-2.01	--	--	AV	261.00	100	Horizontal	N/A
4	7313.250	52.90	0.65	74.0	21.10	Peak	220.00	300	Horizontal	Pass
4**	7313.250	43.92	0.65	54.0	10.08	AV	220.00	300	Horizontal	Pass
5	12481.625	53.02	1.29	74.0	20.98	Peak	142.00	200	Horizontal	Pass
5**	12481.625	44.20	1.29	54.0	9.80	AV	142.00	200	Horizontal	Pass
6	16126.800	53.03	1.97	74.0	20.97	Peak	264.00	400	Horizontal	Pass
6**	16126.800	44.03	1.97	54.0	9.97	AV	264.00	400	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	1483.200	38.91	-16.99	74.0	35.09	Peak	228.00	300	Vertical	Pass
1**	1483.200	29.86	-16.99	54.0	24.14	AV	228.00	300	Vertical	Pass
2	4592.000	49.26	-4.55	74.0	24.74	Peak	57.00	150	Vertical	Pass
2**	4592.000	40.55	-4.55	54.0	13.45	AV	57.00	150	Vertical	Pass
3	5762.000	102.09	-2.54	--	--	Peak	241.00	150	Vertical	N/A
3**	5762.000	93.41	-2.54	--	--	AV	241.00	150	Vertical	N/A
4	7602.500	52.54	0.65	74.0	21.46	Peak	37.00	100	Vertical	Pass
4**	7602.500	43.68	0.65	54.0	10.32	AV	37.00	100	Vertical	Pass
5	12530.076	53.29	1.27	74.0	20.71	Peak	232.00	200	Vertical	Pass
5**	12530.076	44.10	1.27	54.0	9.90	AV	232.00	200	Vertical	Pass
6	16119.187	53.66	1.90	74.0	20.34	Peak	20.00	300	Vertical	Pass
6**	16119.187	45.18	1.90	54.0	8.82	AV	20.00	300	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	1622.500	38.17	-17.28	74.0	35.83	Peak	254.00	300	Horizontal	Pass
1**	1622.500	29.11	-17.28	54.0	24.89	AV	254.00	300	Horizontal	Pass
2	4592.750	49.87	-4.35	74.0	24.13	Peak	139.00	150	Horizontal	Pass
2**	4592.750	40.34	-4.35	54.0	13.66	AV	139.00	150	Horizontal	Pass
3	5803.750	100.59	-2.22	--	--	Peak	261.00	200	Horizontal	N/A
3**	5803.750	93.13	-2.22	--	--	AV	261.00	200	Horizontal	N/A
4	7335.500	52.73	-0.01	74.0	21.27	Peak	36.00	400	Horizontal	Pass
4**	7335.500	44.18	-0.01	54.0	9.82	AV	36.00	400	Horizontal	Pass
5	12510.125	53.10	1.38	74.0	20.90	Peak	6.00	200	Horizontal	Pass
5**	12510.125	45.09	1.38	54.0	8.91	AV	6.00	200	Horizontal	Pass
6	15687.113	53.26	1.74	74.0	20.74	Peak	174.00	400	Horizontal	Pass
6**	15687.113	44.97	1.74	54.0	9.03	AV	174.00	400	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	1612.900	38.63	-16.63	74.0	35.37	Peak	225.00	200	Vertical	Pass
1**	1612.900	30.89	-16.63	54.0	23.11	AV	225.00	200	Vertical	Pass
2	4591.750	51.32	-4.61	74.0	22.68	Peak	76.00	150	Vertical	Pass
2**	4591.750	42.13	-4.61	54.0	11.87	AV	76.00	150	Vertical	Pass
3	5801.500	98.05	-2.28	--	--	Peak	281.00	200	Vertical	N/A
3**	5801.500	90.98	-2.28	--	--	AV	281.00	200	Vertical	N/A
4	7341.000	53.28	-0.14	74.0	20.72	Peak	198.00	100	Vertical	Pass
4**	7341.000	43.73	-0.14	54.0	10.27	AV	198.00	100	Vertical	Pass
5	12503.000	52.82	1.42	74.0	21.18	Peak	356.00	150	Vertical	Pass
5**	12503.000	44.04	1.42	54.0	9.96	AV	356.00	150	Vertical	Pass
6	16093.987	53.83	1.67	74.0	20.17	Peak	233.00	200	Vertical	Pass
6**	16093.987	44.79	1.67	54.0	9.21	AV	233.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1575.400	38.08	-16.94	74.0	35.92	Peak	31.00	100	Horizontal	Pass
1**	1575.400	28.69	-16.94	54.0	25.31	AV	31.00	100	Horizontal	Pass
2	4592.000	50.70	-4.55	74.0	23.30	Peak	139.00	150	Horizontal	Pass
2**	4592.000	40.72	-4.55	54.0	13.28	AV	139.00	150	Horizontal	Pass
3	5740.250	106.72	-1.96	--	--	Peak	241.00	200	Horizontal	N/A
3**	5740.250	98.97	-1.96	--	--	AV	241.00	200	Horizontal	N/A
4	7631.500	52.48	0.11	74.0	21.52	Peak	360.00	200	Horizontal	Pass
4**	7631.500	43.41	0.11	54.0	10.59	AV	360.00	200	Horizontal	Pass
5	12485.900	53.90	1.33	74.0	20.10	Peak	339.00	200	Horizontal	Pass
5**	12485.900	43.64	1.33	54.0	10.36	AV	339.00	200	Horizontal	Pass
6	15913.388	54.19	1.79	74.0	19.81	Peak	280.00	100	Horizontal	Pass
6**	15913.388	44.05	1.79	54.0	9.95	AV	280.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1606.300	38.59	-16.76	74.0	35.41	Peak	290.00	400	Vertical	Pass
1**	1606.300	29.38	-16.76	54.0	24.62	AV	290.00	400	Vertical	Pass
2	4592.000	52.47	-4.55	74.0	21.53	Peak	179.00	150	Vertical	Pass
2**	4592.000	43.45	-4.55	54.0	10.55	AV	179.00	150	Vertical	Pass
3	5745.500	103.79	-2.05	--	--	Peak	261.00	150	Vertical	N/A
3**	5745.500	92.87	-2.05	--	--	AV	261.00	150	Vertical	N/A
4	7672.000	52.45	0.80	74.0	21.55	Peak	179.00	400	Vertical	Pass
4**	7672.000	43.00	0.80	54.0	11.00	AV	179.00	400	Vertical	Pass
5	12474.025	53.24	1.23	74.0	20.76	Peak	237.00	200	Vertical	Pass
5**	12474.025	44.40	1.23	54.0	9.60	AV	237.00	200	Vertical	Pass
6	16119.187	55.05	1.90	74.0	18.95	Peak	168.00	200	Vertical	Pass
6**	16119.187	44.57	1.90	54.0	9.43	AV	168.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.800	38.47	-16.89	74.0	35.53	Peak	210.00	200	Horizontal	Pass
1**	1513.800	28.89	-16.89	54.0	25.11	AV	210.00	200	Horizontal	Pass
2	3936.250	49.14	-5.84	74.0	24.86	Peak	159.00	100	Horizontal	Pass
2**	3936.250	41.01	-5.84	54.0	12.99	AV	159.00	100	Horizontal	Pass
3	5789.250	107.02	-2.58	--	--	Peak	241.00	100	Horizontal	N/A
3**	5789.250	97.18	-2.58	--	--	AV	241.00	100	Horizontal	N/A
4	7585.250	53.07	0.65	74.0	20.93	Peak	360.00	400	Horizontal	Pass
4**	7585.250	43.83	0.65	54.0	10.17	AV	360.00	400	Horizontal	Pass
5	12476.401	52.65	1.25	74.0	21.35	Peak	18.00	200	Horizontal	Pass
5**	12476.401	45.01	1.25	54.0	8.99	AV	18.00	200	Horizontal	Pass
6	15898.162	53.25	2.01	74.0	20.75	Peak	202.00	100	Horizontal	Pass
6**	15898.162	45.45	2.01	54.0	8.55	AV	202.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.800	38.79	-16.92	74.0	35.21	Peak	312.00	100	Vertical	Pass
1**	1485.800	28.90	-16.92	54.0	25.10	AV	312.00	100	Vertical	Pass
2	3935.750	49.34	-5.79	74.0	24.66	Peak	98.00	200	Vertical	Pass
2**	3935.750	39.09	-5.79	54.0	14.91	AV	98.00	200	Vertical	Pass
3	5779.500	102.68	-2.72	--	--	Peak	261.00	200	Vertical	N/A
3**	5779.500	95.12	-2.72	--	--	AV	261.00	200	Vertical	N/A
4	7632.500	53.47	0.17	74.0	20.53	Peak	302.00	300	Vertical	Pass
4**	7632.500	44.36	0.17	54.0	9.64	AV	302.00	300	Vertical	Pass
5	12439.113	53.31	1.05	74.0	20.69	Peak	337.00	150	Vertical	Pass
5**	12439.113	43.44	1.05	54.0	10.56	AV	337.00	150	Vertical	Pass
6	15929.925	53.47	1.51	74.0	20.53	Peak	154.00	400	Vertical	Pass
6**	15929.925	44.66	1.51	54.0	9.34	AV	154.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1475.800	38.58	-17.20	74.0	35.42	Peak	311.00	400	Horizontal	Pass
1**	1475.800	28.87	-17.20	54.0	25.13	AV	311.00	400	Horizontal	Pass
2	4263.750	48.21	-4.69	74.0	25.79	Peak	342.00	100	Horizontal	Pass
2**	4263.750	39.16	-4.69	54.0	14.84	AV	342.00	100	Horizontal	Pass
3	5833.750	106.90	-2.59	--	--	Peak	241.00	100	Horizontal	N/A
3**	5833.750	97.38	-2.59	--	--	AV	241.00	100	Horizontal	N/A
4	7676.250	53.25	0.76	74.0	20.75	Peak	342.00	300	Horizontal	Pass
4**	7676.250	43.58	0.76	54.0	10.42	AV	342.00	300	Horizontal	Pass
5	12507.987	53.13	1.39	74.0	20.87	Peak	279.00	200	Horizontal	Pass
5**	12507.987	44.75	1.39	54.0	9.25	AV	279.00	200	Horizontal	Pass
6	15918.638	53.67	1.70	74.0	20.33	Peak	256.00	200	Horizontal	Pass
6**	15918.638	44.18	1.70	54.0	9.82	AV	256.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.800	38.49	-16.67	74.0	35.51	Peak	201.00	300	Vertical	Pass
1**	1612.800	30.01	-16.67	54.0	23.99	AV	201.00	300	Vertical	Pass
2	3935.750	49.05	-5.79	74.0	24.95	Peak	98.00	200	Vertical	Pass
2**	3935.750	40.09	-5.79	54.0	13.91	AV	98.00	200	Vertical	Pass
3	5816.750	102.80	-2.42	--	--	Peak	139.00	150	Vertical	N/A
3**	5816.750	94.22	-2.42	--	--	AV	139.00	150	Vertical	N/A
4	7613.000	52.76	0.27	74.0	21.24	Peak	37.00	100	Vertical	Pass
4**	7613.000	44.39	0.27	54.0	9.61	AV	37.00	100	Vertical	Pass
5	12458.588	53.39	1.11	74.0	20.61	Peak	257.00	200	Vertical	Pass
5**	12458.588	44.54	1.11	54.0	9.46	AV	257.00	200	Vertical	Pass
6	16107.112	53.99	1.81	74.0	20.01	Peak	161.00	400	Vertical	Pass
6**	16107.112	44.67	1.81	54.0	9.33	AV	161.00	400	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	1459.600	38.33	-17.41	74.0	35.67	Peak	360.00	200	Horizontal	Pass
1**	1459.600	28.17	-17.41	54.0	25.83	AV	360.00	200	Horizontal	Pass
2	4592.250	49.81	-4.35	74.0	24.19	Peak	137.00	150	Horizontal	Pass
2**	4592.250	41.51	-4.35	54.0	12.49	AV	137.00	150	Horizontal	Pass
3	5757.750	101.45	-2.29	--	--	Peak	259.00	200	Horizontal	N/A
3**	5757.750	94.62	-2.29	--	--	AV	259.00	200	Horizontal	N/A
4	7354.500	52.40	0.44	74.0	21.60	Peak	341.00	200	Horizontal	Pass
4**	7354.500	43.55	0.44	54.0	10.45	AV	341.00	200	Horizontal	Pass
5	12477.825	52.58	1.26	74.0	21.42	Peak	122.00	150	Horizontal	Pass
5**	12477.825	44.35	1.26	54.0	9.65	AV	122.00	150	Horizontal	Pass
6	16138.350	53.83	2.06	74.0	20.17	Peak	127.00	100	Horizontal	Pass
6**	16138.350	44.67	2.06	54.0	9.33	AV	127.00	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	1544.600	38.82	-16.80	74.0	35.18	Peak	13.00	300	Vertical	Pass
1**	1544.600	29.62	-16.80	54.0	24.38	AV	13.00	300	Vertical	Pass
2	4591.750	51.55	-4.61	74.0	22.45	Peak	180.00	150	Vertical	Pass
2**	4591.750	41.69	-4.61	54.0	12.31	AV	180.00	150	Vertical	Pass
3	5763.500	97.55	-2.33	--	--	Peak	159.00	100	Vertical	N/A
3**	5763.500	89.09	-2.33	--	--	AV	159.00	100	Vertical	N/A
4	7639.000	53.07	0.57	74.0	20.93	Peak	57.00	200	Vertical	Pass
4**	7639.000	43.15	0.57	54.0	10.85	AV	57.00	200	Vertical	Pass
5	12509.412	53.19	1.38	74.0	20.81	Peak	128.00	100	Vertical	Pass
5**	12509.412	43.99	1.38	54.0	10.01	AV	128.00	100	Vertical	Pass
6	16088.738	53.85	1.60	74.0	20.15	Peak	241.00	300	Vertical	Pass
6**	16088.738	44.76	1.60	54.0	9.24	AV	241.00	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	1616.300	38.83	-16.84	74.0	35.17	Peak	202.00	300	Horizontal	Pass
1**	1616.300	29.37	-16.84	54.0	24.63	AV	202.00	300	Horizontal	Pass
2	3935.750	48.75	-5.79	74.0	25.25	Peak	183.00	200	Horizontal	Pass
2**	3935.750	38.30	-5.79	54.0	15.70	AV	183.00	200	Horizontal	Pass
3	5779.250	97.45	-2.84	--	--	Peak	38.00	200	Horizontal	N/A
3**	5779.250	88.21	-2.84	--	--	AV	38.00	200	Horizontal	N/A
4	7618.000	52.47	0.29	74.0	21.53	Peak	162.00	200	Horizontal	Pass
4**	7618.000	42.77	0.29	54.0	11.23	AV	162.00	200	Horizontal	Pass
5	12516.537	52.74	1.34	74.0	21.26	Peak	90.00	200	Horizontal	Pass
5**	12516.537	43.80	1.34	54.0	10.20	AV	90.00	200	Horizontal	Pass
6	15907.875	54.05	1.89	74.0	19.95	Peak	358.00	100	Horizontal	Pass
6**	15907.875	43.75	1.89	54.0	10.25	AV	358.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1614.000	38.56	-16.70	74.0	35.44	Peak	163.00	100	Vertical	Pass
1**	1614.000	29.09	-16.70	54.0	24.91	AV	163.00	100	Vertical	Pass
2	4591.750	52.13	-4.61	74.0	21.87	Peak	221.00	150	Vertical	Pass
2**	4591.750	42.06	-4.61	54.0	11.94	AV	221.00	150	Vertical	Pass
3	5777.500	98.51	-2.65	--	--	Peak	262.00	150	Vertical	N/A
3**	5777.500	90.04	-2.65	--	--	AV	262.00	150	Vertical	N/A
4	7593.500	53.26	0.95	74.0	20.74	Peak	79.00	200	Vertical	Pass
4**	7593.500	43.75	0.95	54.0	10.25	AV	79.00	200	Vertical	Pass
5	12518.912	53.32	1.33	74.0	20.68	Peak	342.00	150	Vertical	Pass
5**	12518.912	44.45	1.33	54.0	9.55	AV	342.00	150	Vertical	Pass
6	16139.400	53.59	2.07	74.0	20.41	Peak	250.00	200	Vertical	Pass
6**	16139.400	44.22	2.07	54.0	9.78	AV	250.00	200	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

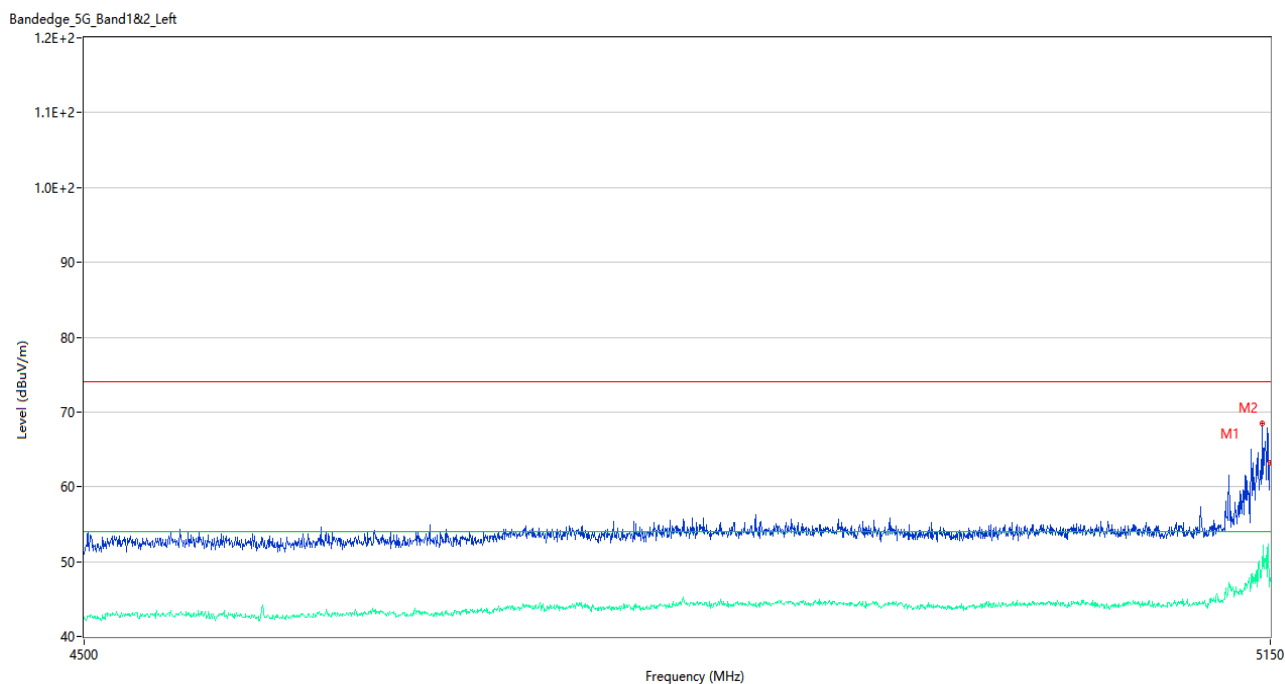
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
	802.11n(HT20)	Low	Pass
	802.11n(HT40)	Low	Pass
	802.11ac(VHT20)	Low	Pass
	802.11ac(VHT40)	Low	Pass
	802.11ax(HE20) (SU)	Low	Pass
	802.11ax(HE40) (SU)	Low	Pass
U-NII-2A	802.11a	High	Pass
	802.11n(HT20)	High	Pass
	802.11n(HT40)	High	Pass
	802.11ac(VHT20)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

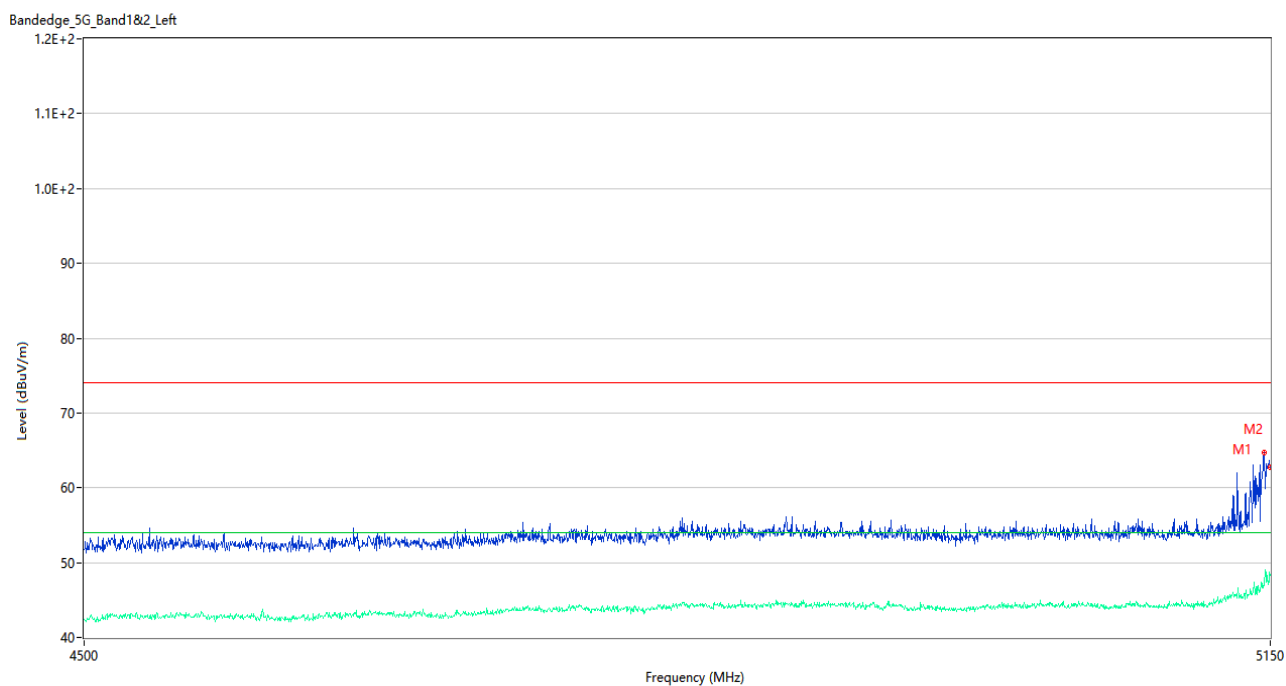
Test Data and Plots

U-NII-1 11a Low Channel



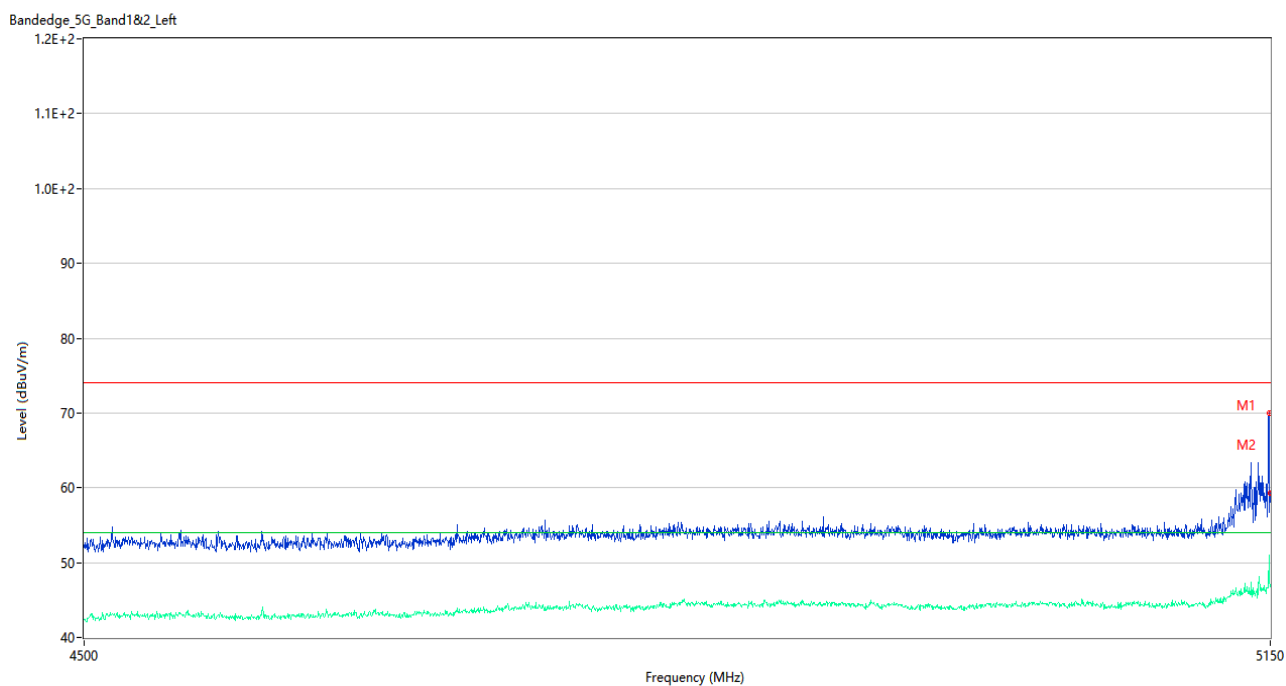
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.450	68.40	3.01	74.0	5.60	Peak	245.00	200	Horizontal	Pass
1**	5145.450	49.38	3.01	54.0	4.62	AV	245.00	200	Horizontal	Pass
2	5150.000	63.19	2.86	74.0	10.81	Peak	218.00	150	Horizontal	Pass
2**	5150.000	47.78	2.86	54.0	6.22	AV	218.00	150	Horizontal	Pass

U-NII-1 11n20 Low Channel



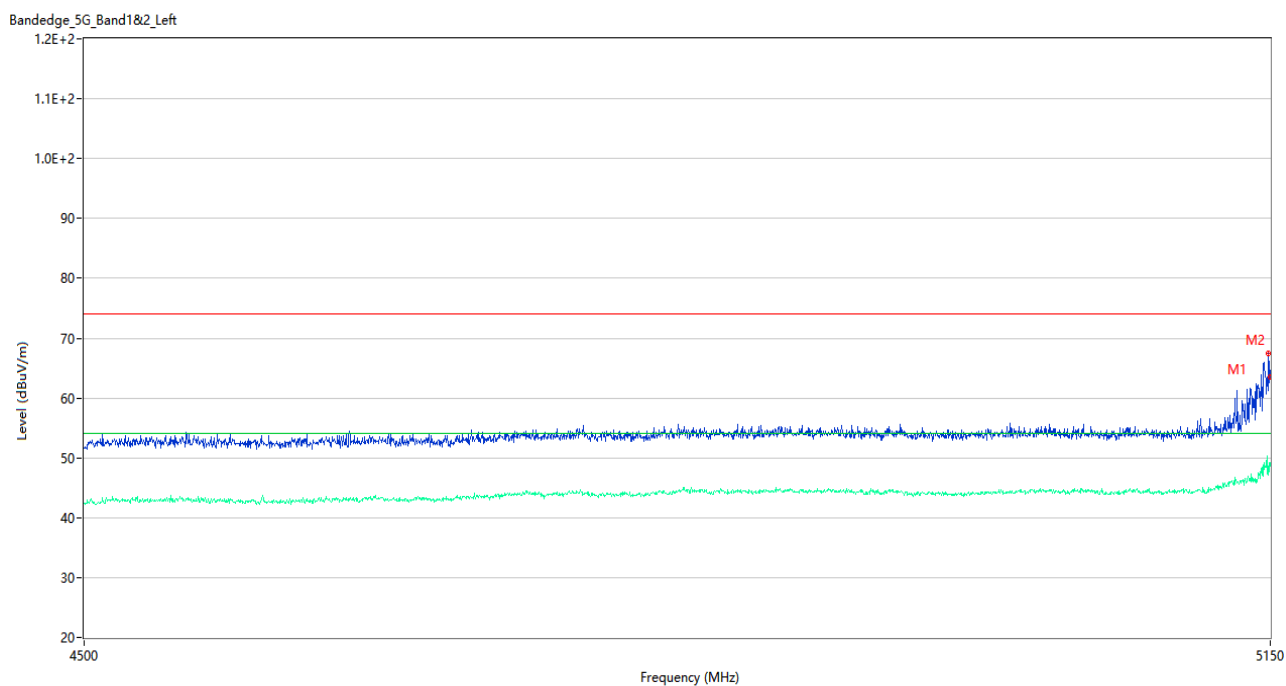
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	64.77	3.04	74.0	9.23	Peak	244.00	100	Horizontal	Pass
1**	5146.750	46.95	3.04	54.0	7.05	AV	244.00	100	Horizontal	Pass
2	5150.000	62.82	2.86	74.0	11.18	Peak	180.00	100	Horizontal	Pass
2**	5150.000	48.35	2.86	54.0	5.65	AV	180.00	100	Horizontal	Pass

U-NII-1 11n40 Low Channel



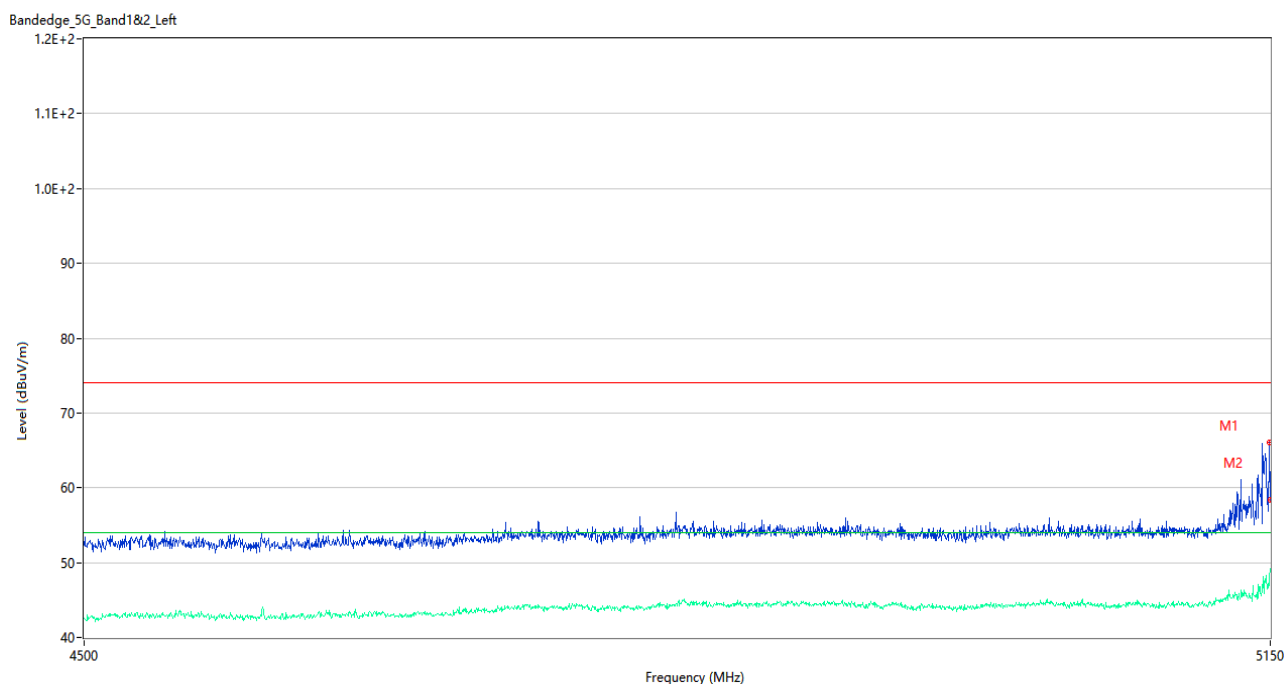
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	69.95	2.85	74.0	4.05	Peak	257.00	150	Horizontal	Pass
1**	5149.350	50.91	2.85	54.0	3.09	AV	257.00	150	Horizontal	Pass
2	5150.000	59.31	2.86	74.0	14.69	Peak	267.00	200	Horizontal	Pass
2**	5150.000	46.81	2.86	54.0	7.19	AV	267.00	200	Horizontal	Pass

U-NII-1 11ac20 Low Channel



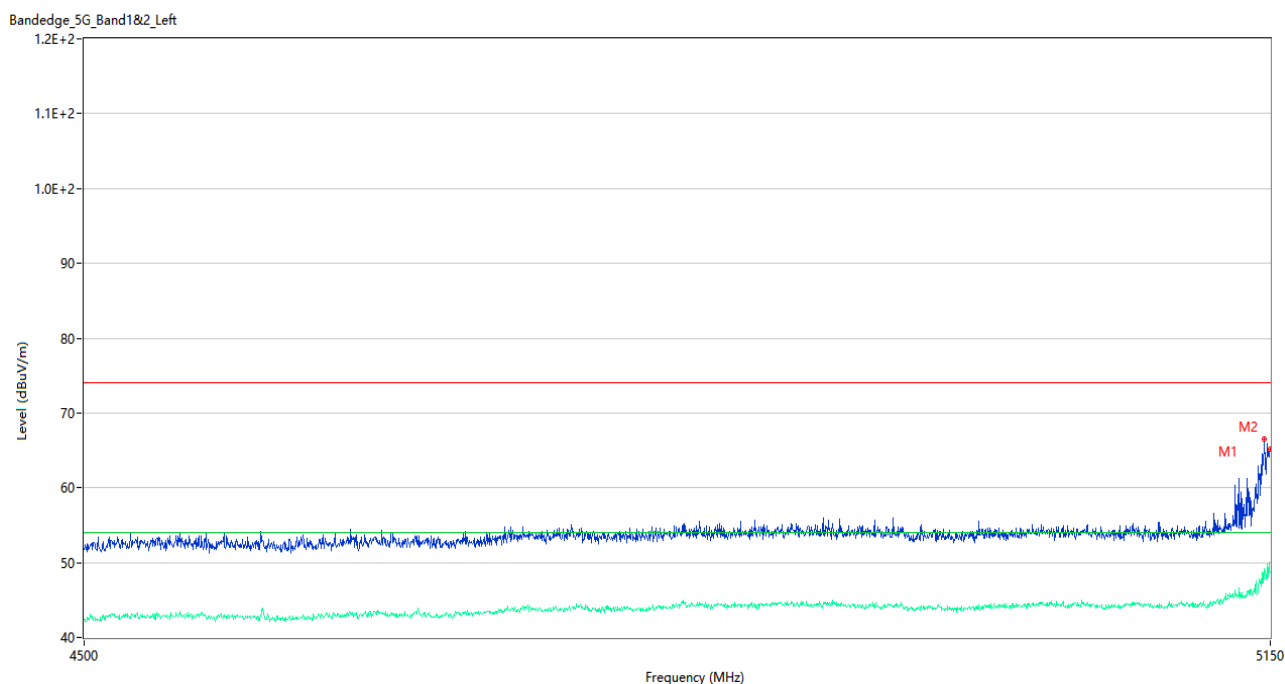
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	67.54	2.87	74.0	6.46	Peak	251.00	100	Horizontal	Pass
1**	5149.025	47.09	2.87	54.0	6.91	AV	251.00	100	Horizontal	Pass
2	5150.000	63.46	2.86	74.0	10.54	Peak	251.00	100	Horizontal	Pass
2**	5150.000	49.27	2.86	54.0	4.73	AV	251.00	100	Horizontal	Pass

U-NII-1 11ac40 Low Channel



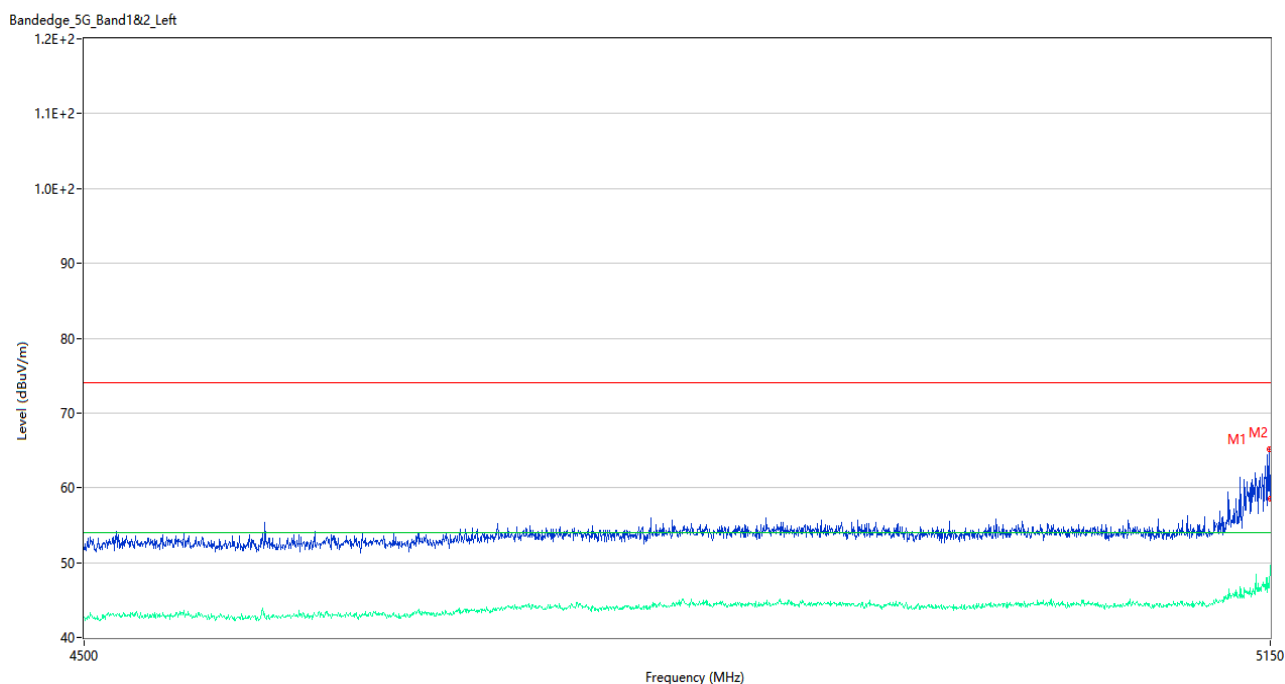
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	66.07	2.85	74.0	7.93	Peak	257.00	150	Horizontal	Pass
1**	5149.675	47.94	2.85	54.0	6.06	AV	257.00	150	Horizontal	Pass
2	5150.000	58.43	2.86	74.0	15.57	Peak	166.00	150	Horizontal	Pass
2**	5150.000	49.24	2.86	54.0	4.76	AV	166.00	150	Horizontal	Pass

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



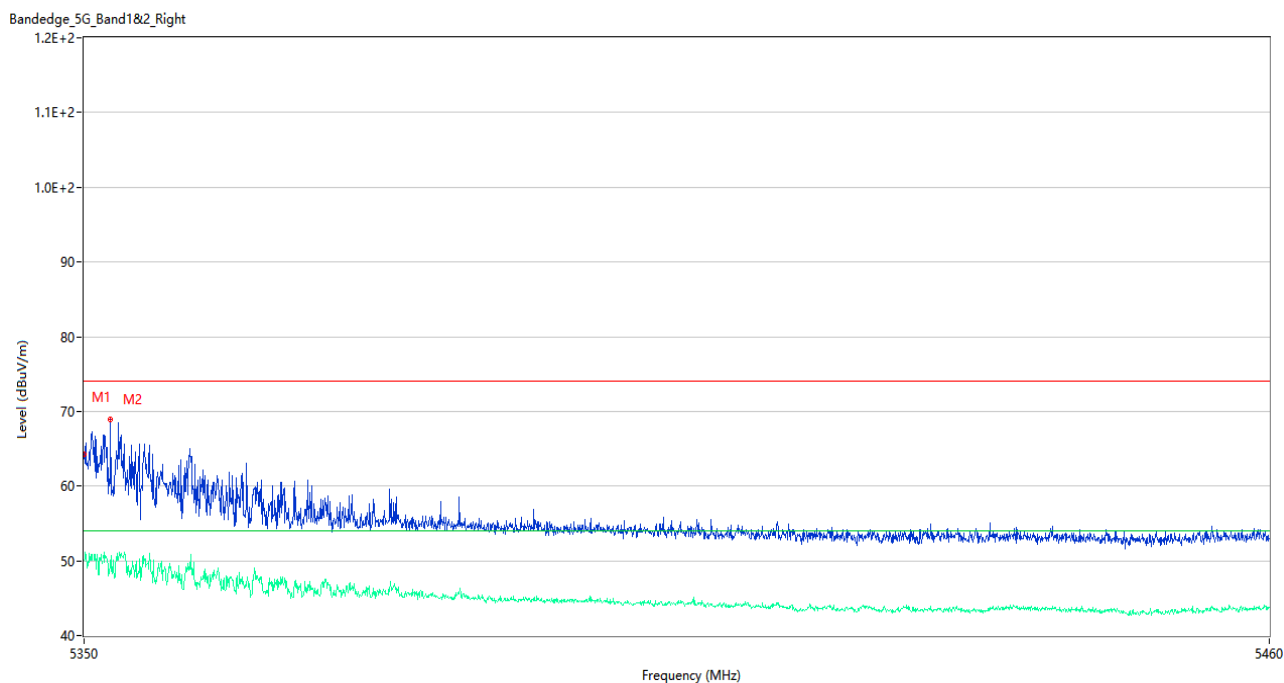
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	66.45	3.04	74.0	7.55	Peak	247.00	100	Horizontal	Pass
1**	5146.750	49.18	3.04	54.0	4.82	AV	247.00	100	Horizontal	Pass
2	5150.000	65.11	2.86	74.0	8.89	Peak	264.00	200	Horizontal	Pass
2**	5150.000	48.72	2.86	54.0	5.28	AV	264.00	200	Horizontal	Pass

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



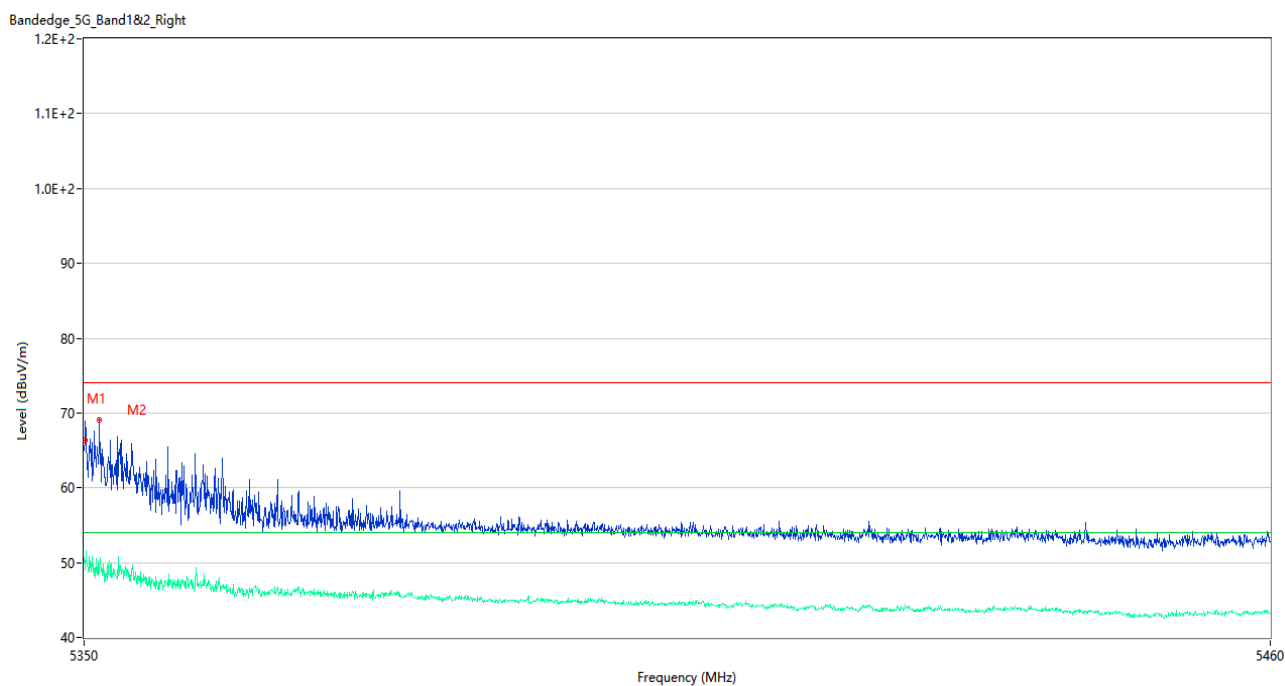
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	65.16	2.85	74.0	8.84	Peak	253.00	150	Horizontal	Pass
1**	5149.675	46.69	2.85	54.0	7.31	AV	253.00	150	Horizontal	Pass
2	5150.000	58.46	2.86	74.0	15.54	Peak	253.00	200	Horizontal	Pass
2**	5150.000	49.61	2.86	54.0	4.39	AV	253.00	200	Horizontal	Pass

U-NII-2A 11a High Channel



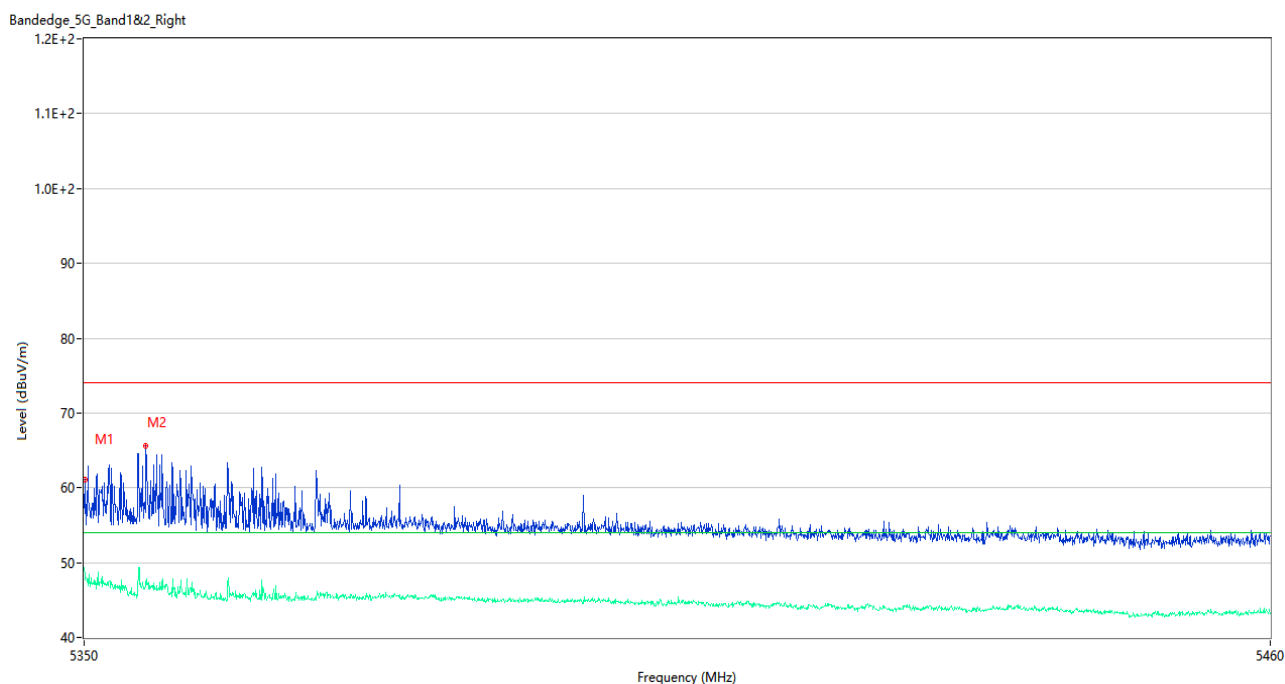
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.19	3.32	74.0	9.81	Peak	164.00	150	Horizontal	Pass
1**	5350.000	50.74	3.32	54.0	3.26	AV	164.00	150	Horizontal	Pass
2	5352.420	68.86	3.10	74.0	5.14	Peak	266.00	150	Horizontal	Pass
2**	5352.420	49.60	3.10	54.0	4.40	AV	266.00	150	Horizontal	Pass

U-NII-2A 11n20 High Channel



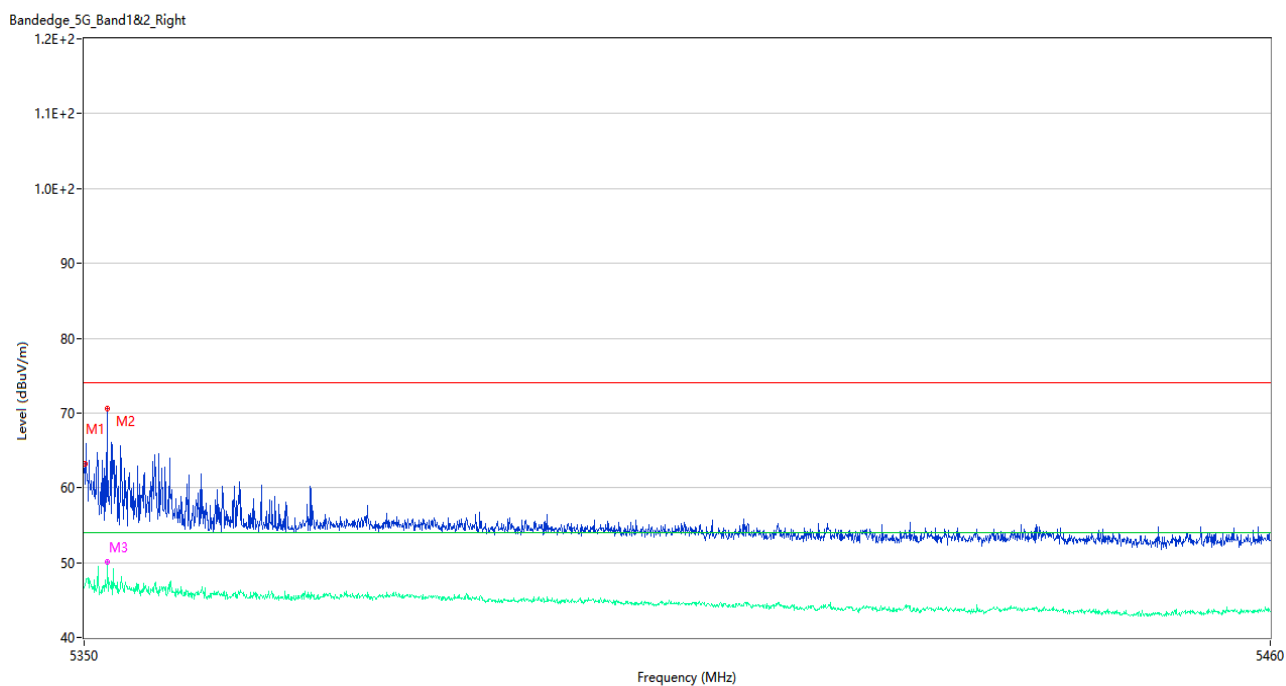
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	66.40	3.30	74.0	7.60	Peak	251.00	100	Horizontal	Pass
1**	5350.055	49.10	3.30	54.0	4.90	AV	251.00	100	Horizontal	Pass
2	5351.430	69.14	3.06	74.0	4.86	Peak	256.00	200	Horizontal	Pass
2**	5351.430	48.88	3.06	54.0	5.12	AV	256.00	200	Horizontal	Pass

U-NII-2A 11n40 High Channel



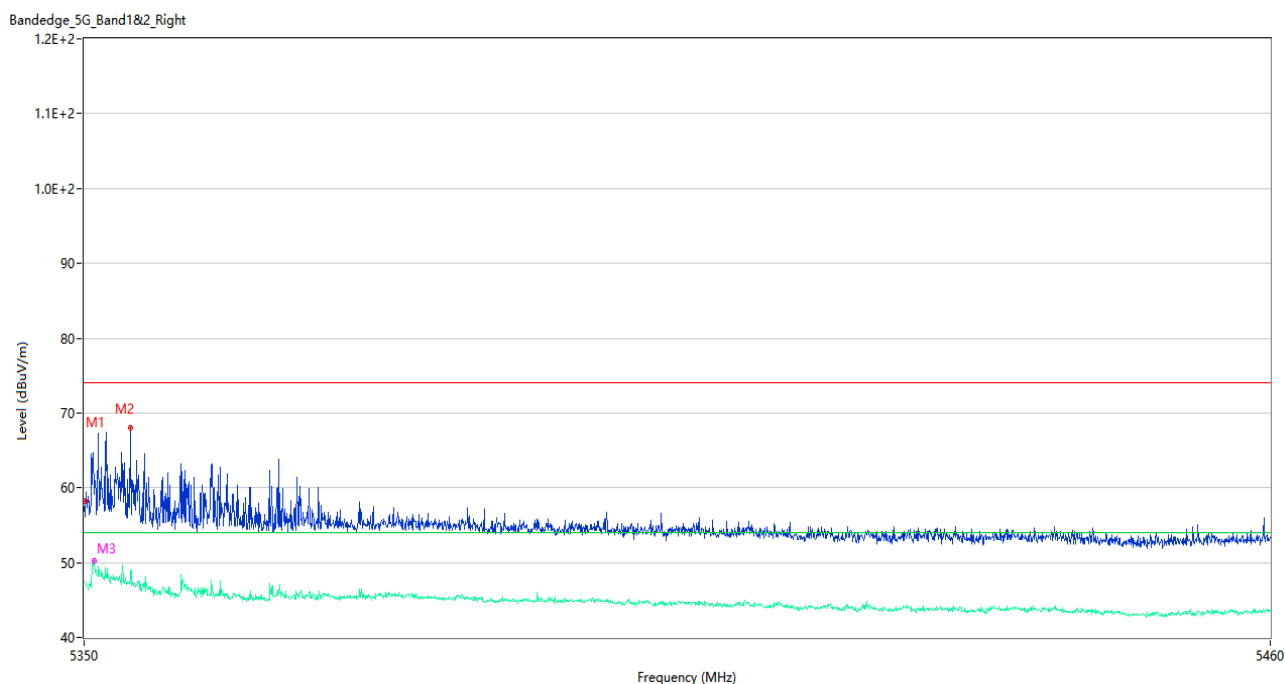
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	61.12	3.30	74.0	12.88	Peak	264.00	100	Horizontal	Pass
1**	5350.055	48.31	3.30	54.0	5.69	AV	264.00	100	Horizontal	Pass
2	5355.665	65.66	2.90	74.0	8.34	Peak	257.00	150	Horizontal	Pass
2**	5355.665	47.18	2.90	54.0	6.82	AV	257.00	150	Horizontal	Pass

U-NII-2A 11ac20 High Channel



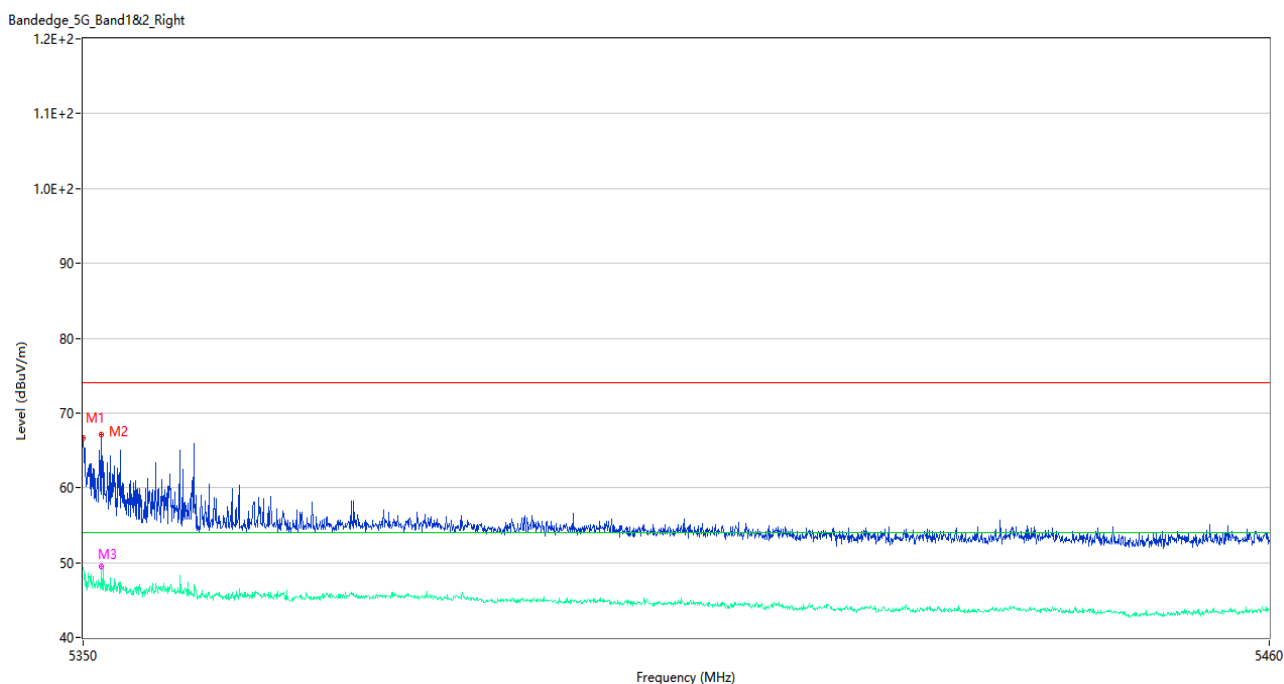
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	63.26	3.30	74.0	10.74	Peak	246.00	200	Horizontal	Pass
1**	5350.055	47.12	3.30	54.0	6.88	AV	246.00	200	Horizontal	Pass
2	5352.090	70.60	3.09	74.0	3.40	Peak	258.00	100	Horizontal	Pass
2**	5352.090	47.49	3.09	54.0	6.51	AV	258.00	100	Horizontal	Pass
3	5352.145	58.77	3.09	74.0	15.23	Peak	277.00	100	Horizontal	Pass
3**	5352.145	50.10	3.09	54.0	3.90	AV	277.00	100	Horizontal	Pass

U-NII-2A 11ac40 High Channel



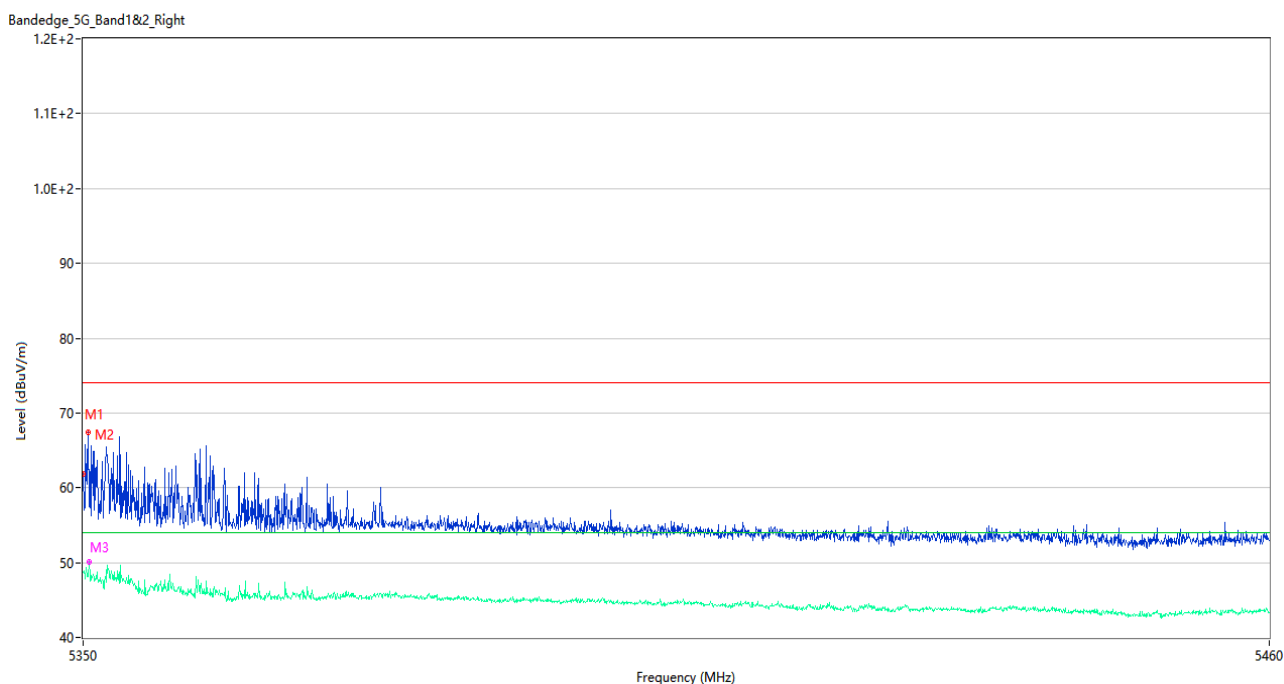
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	58.25	3.30	74.0	15.75	Peak	217.00	150	Horizontal	Pass
1**	5350.055	47.46	3.30	54.0	6.54	AV	217.00	150	Horizontal	Pass
2	5354.235	67.99	3.12	74.0	6.01	Peak	251.00	200	Horizontal	Pass
2**	5354.235	47.85	3.12	54.0	6.15	AV	251.00	200	Horizontal	Pass
3	5350.880	59.07	3.25	74.0	14.93	Peak	254.00	200	Horizontal	Pass
3**	5350.880	50.18	3.25	54.0	3.82	AV	254.00	200	Horizontal	Pass

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



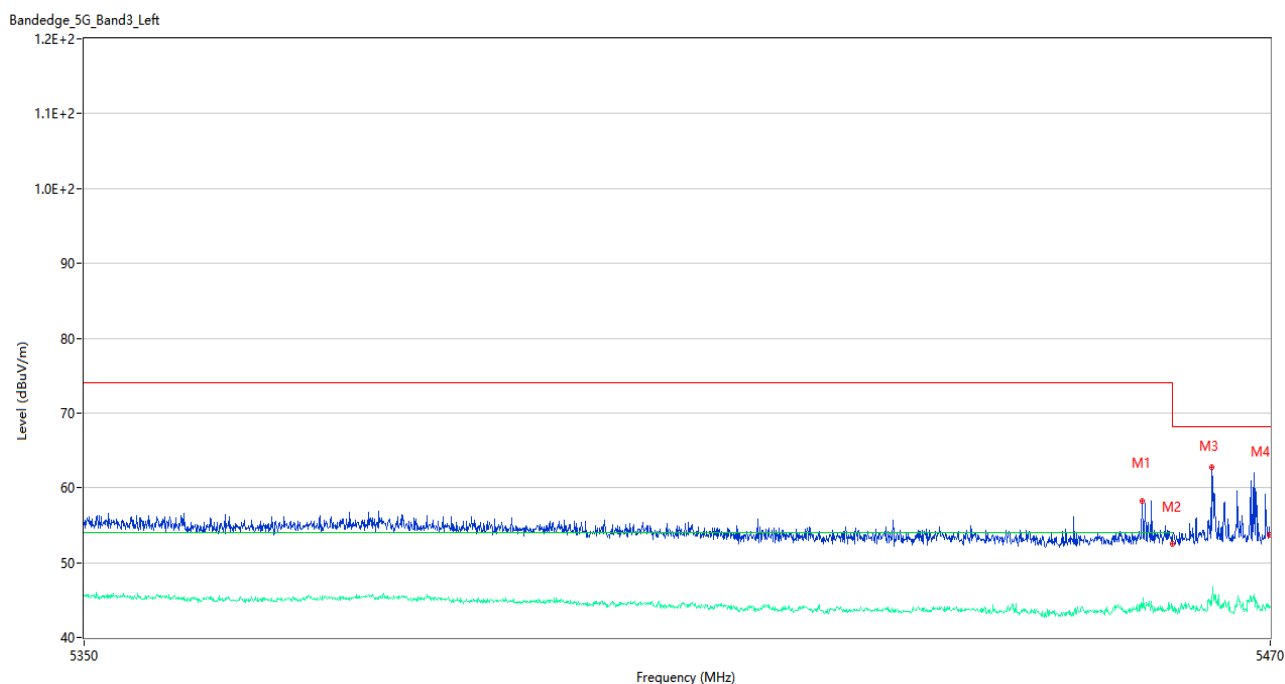
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	66.63	3.32	74.0	7.37	Peak	266.00	150	Horizontal	Pass
1**	5350.000	49.38	3.32	54.0	4.62	AV	266.00	150	Horizontal	Pass
2	5351.650	67.15	3.07	74.0	6.85	Peak	257.00	200	Horizontal	Pass
2**	5351.650	46.72	3.07	54.0	7.28	AV	257.00	200	Horizontal	Pass
3	5351.705	59.09	3.07	74.0	14.91	Peak	308.00	100	Horizontal	Pass
3**	5351.705	49.48	3.07	54.0	4.52	AV	308.00	100	Horizontal	Pass

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



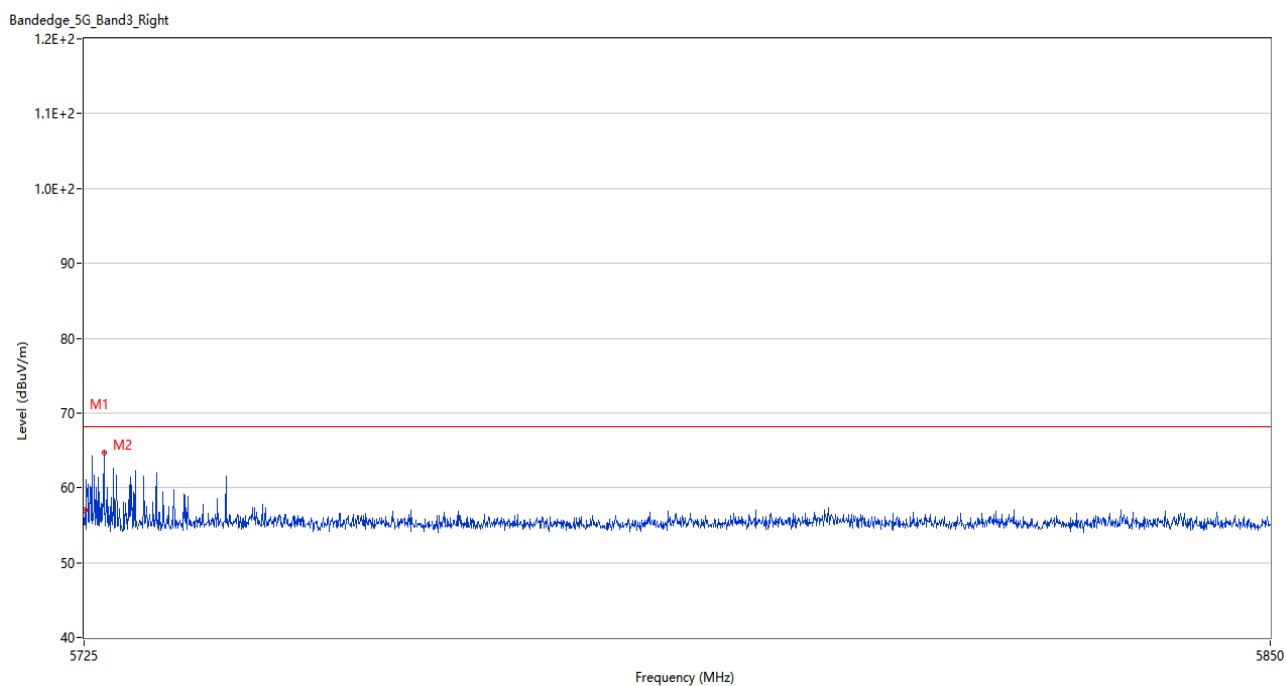
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.90	3.32	74.0	12.10	Peak	250.00	200	Horizontal	Pass
1**	5350.000	48.72	3.32	54.0	5.28	AV	250.00	200	Horizontal	Pass
2	5350.495	67.45	3.14	74.0	6.55	Peak	265.00	200	Horizontal	Pass
2**	5350.495	48.09	3.14	54.0	5.91	AV	265.00	200	Horizontal	Pass
3	5350.550	57.60	3.16	74.0	16.40	Peak	231.00	200	Horizontal	Pass
3**	5350.550	50.07	3.16	54.0	3.93	AV	231.00	200	Horizontal	Pass

U-NII-2C 11a Low Channel



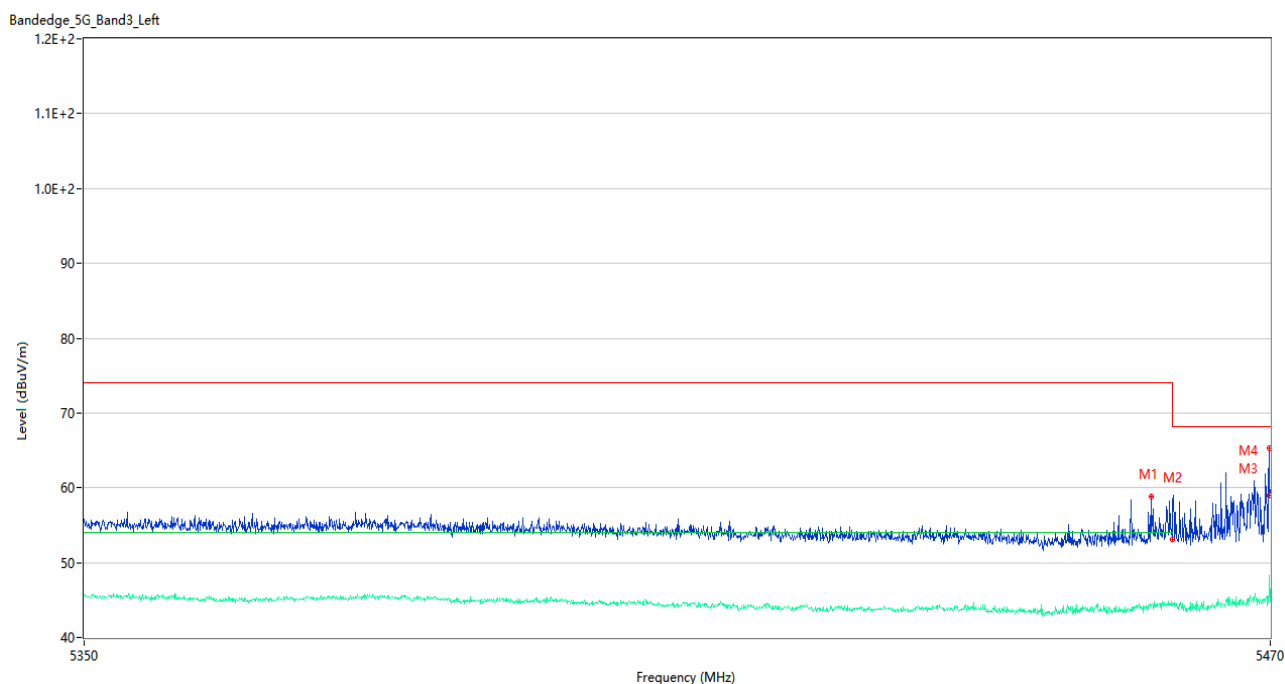
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5456.920	58.30	3.40	74.0	15.70	Peak	261.00	200	Horizontal	Pass
1**	5456.920	43.96	3.40	54.0	10.04	AV	261.00	200	Horizontal	Pass
2	5459.980	52.45	3.49	74.0	21.55	Peak	47.00	200	Horizontal	Pass
2**	5459.980	44.07	3.49	54.0	9.93	AV	47.00	200	Horizontal	Pass
3	5464.060	62.79	3.50	68.2	5.41	Peak	261.00	150	Horizontal	Pass
3**	5464.060	44.42	3.50	--	--	AV	261.00	150	Horizontal	N/A
4	5469.940	53.67	3.29	68.2	14.53	Peak	244.00	200	Horizontal	Pass
4**	5469.940	43.95	3.29	--	--	AV	244.00	200	Horizontal	N/A

U-NII-2C 11a High Channel



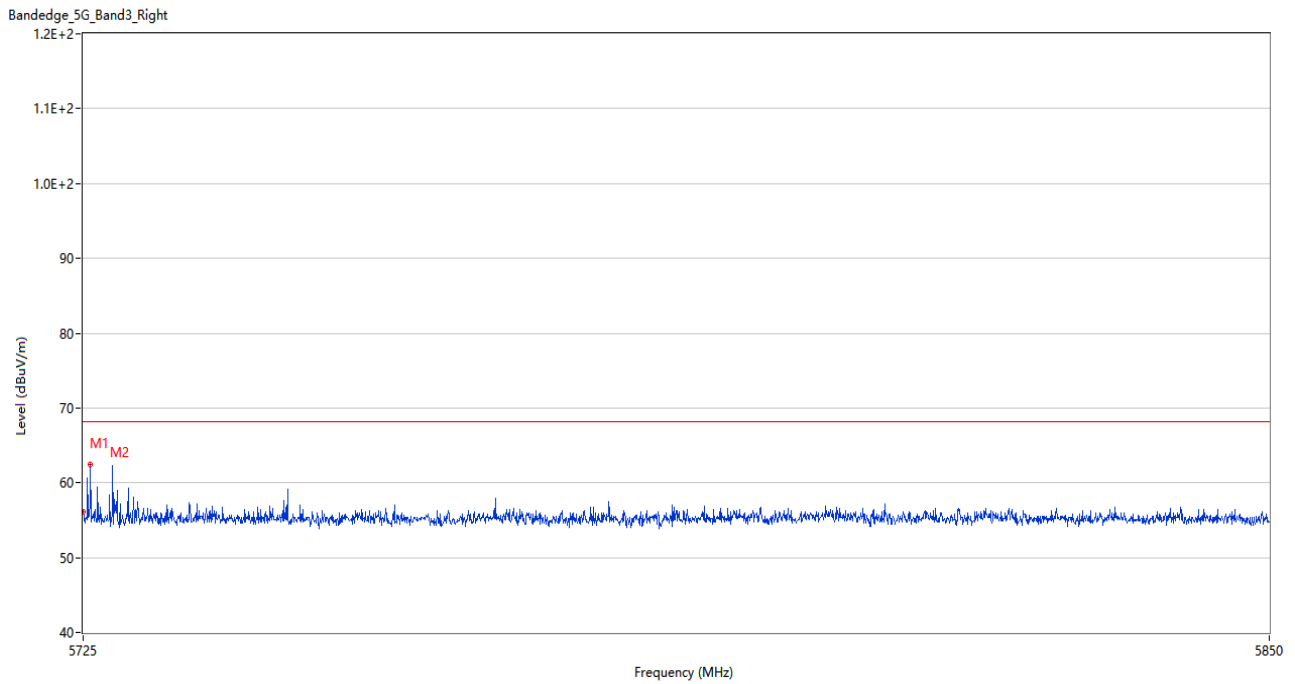
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	57.10	3.44	68.2	11.10	Peak	202.00	200	Horizontal	Pass
2	5727.063	64.78	3.72	68.2	3.42	Peak	261.00	150	Horizontal	Pass

U-NII-2C 11n20 Low Channel



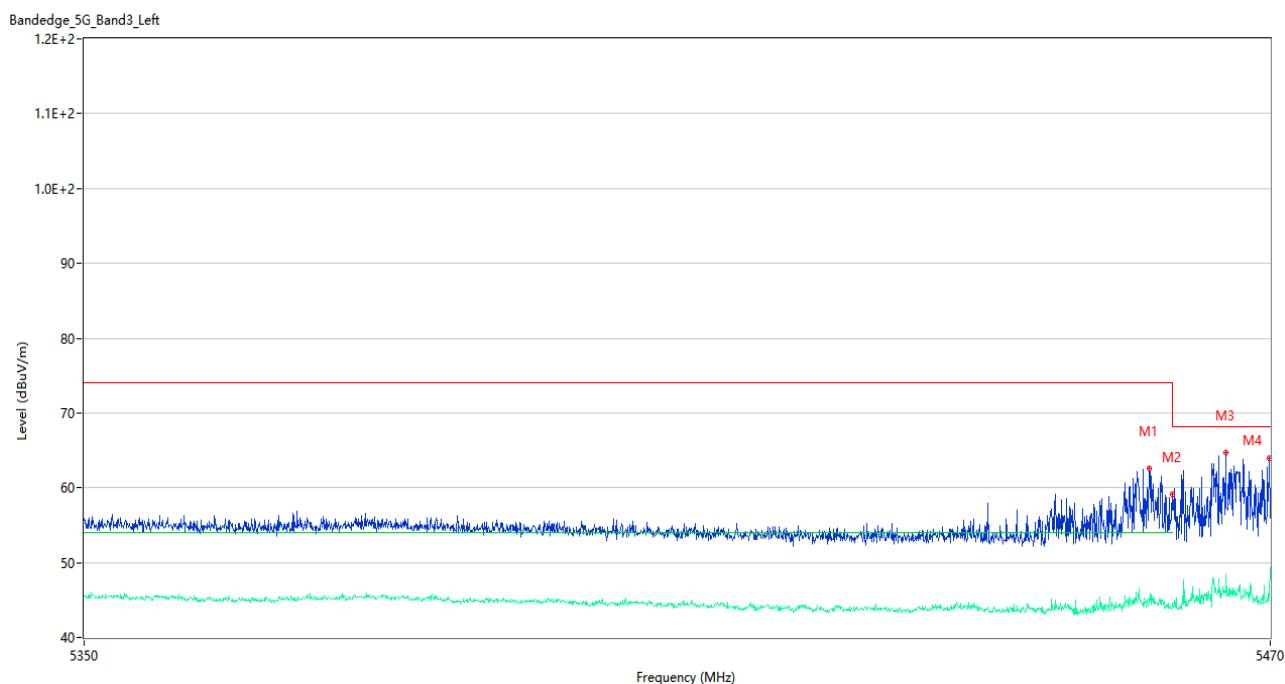
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.820	58.76	3.50	74.0	15.24	Peak	271.00	150	Horizontal	Pass
1**	5457.820	44.21	3.50	54.0	9.79	AV	271.00	150	Horizontal	Pass
2	5459.980	53.04	3.49	74.0	20.96	Peak	0.00	200	Horizontal	Pass
2**	5459.980	44.42	3.49	54.0	9.58	AV	0.00	200	Horizontal	Pass
3	5469.880	65.14	3.28	68.2	3.06	Peak	261.00	200	Horizontal	Pass
3**	5469.880	45.48	3.28	--	--	AV	261.00	200	Horizontal	N/A
4	5469.940	59.04	3.29	68.2	9.16	Peak	210.00	200	Horizontal	Pass
4**	5469.940	48.31	3.29	--	--	AV	210.00	200	Horizontal	N/A

U-NII-2C 11n20 High Channel



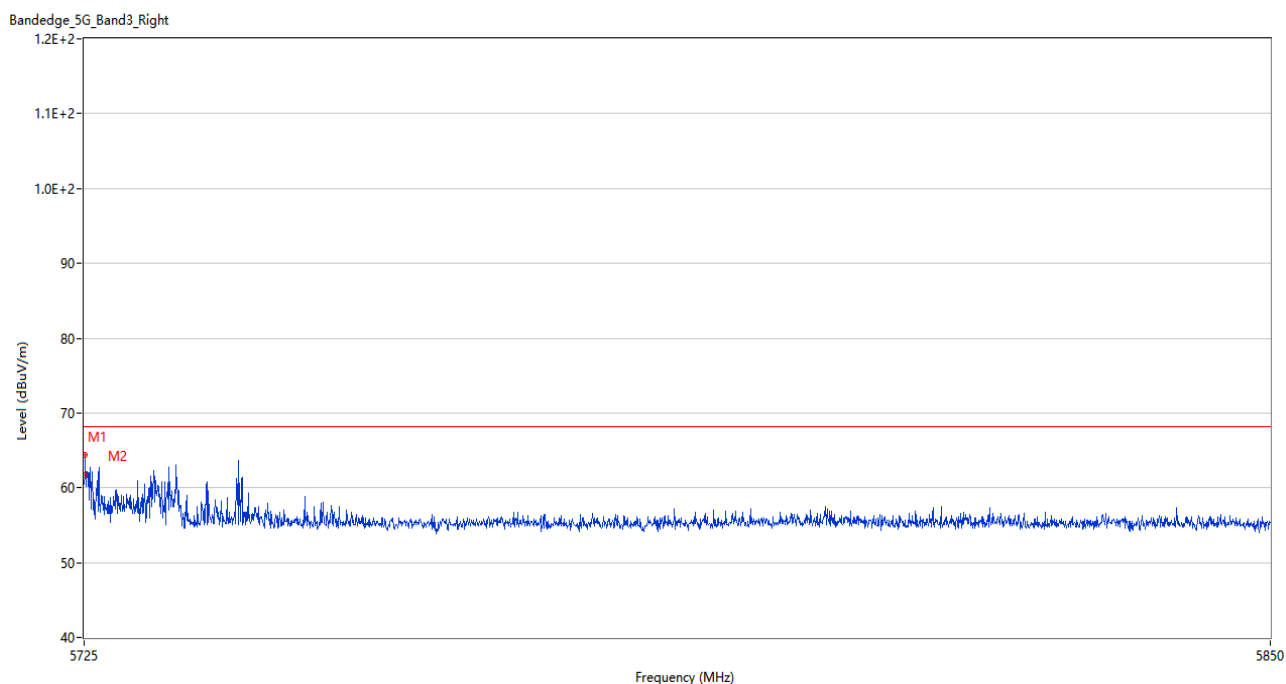
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.13	3.51	68.2	12.07	Peak	232.00	100	Horizontal	Pass
2	5725.750	62.42	3.71	68.2	5.78	Peak	267.00	150	Horizontal	Pass

U-NII-2C 11n40 Low Channel



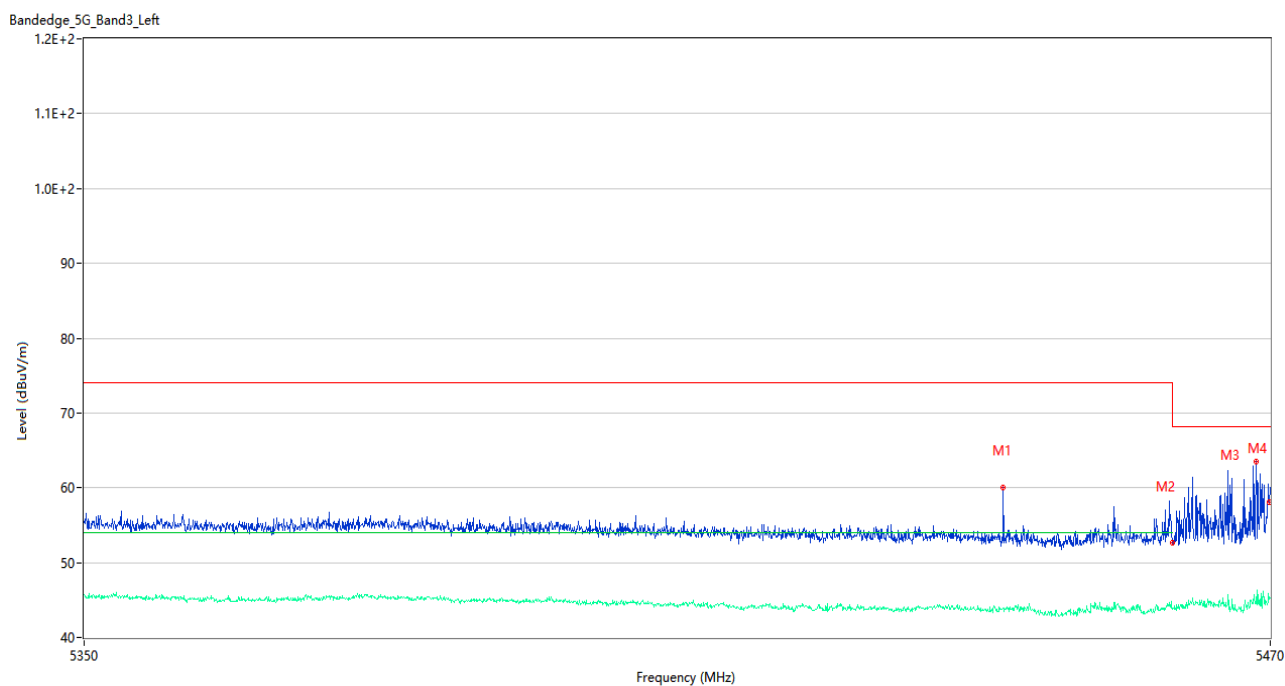
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.640	62.55	3.49	74.0	11.45	Peak	251.00	150	Horizontal	Pass
1**	5457.640	44.82	3.49	54.0	9.18	AV	251.00	150	Horizontal	Pass
2	5459.980	59.10	3.49	74.0	14.90	Peak	198.00	150	Horizontal	Pass
2**	5459.980	44.01	3.49	54.0	9.99	AV	198.00	150	Horizontal	Pass
3	5465.440	64.73	3.37	68.2	3.47	Peak	251.00	150	Horizontal	Pass
3**	5465.440	45.98	3.37	--	--	AV	251.00	150	Horizontal	N/A
4	5469.940	63.94	3.29	68.2	4.26	Peak	252.00	200	Horizontal	Pass
4**	5469.940	45.90	3.29	--	--	AV	252.00	200	Horizontal	N/A

U-NII-2C 11n40 High Channel



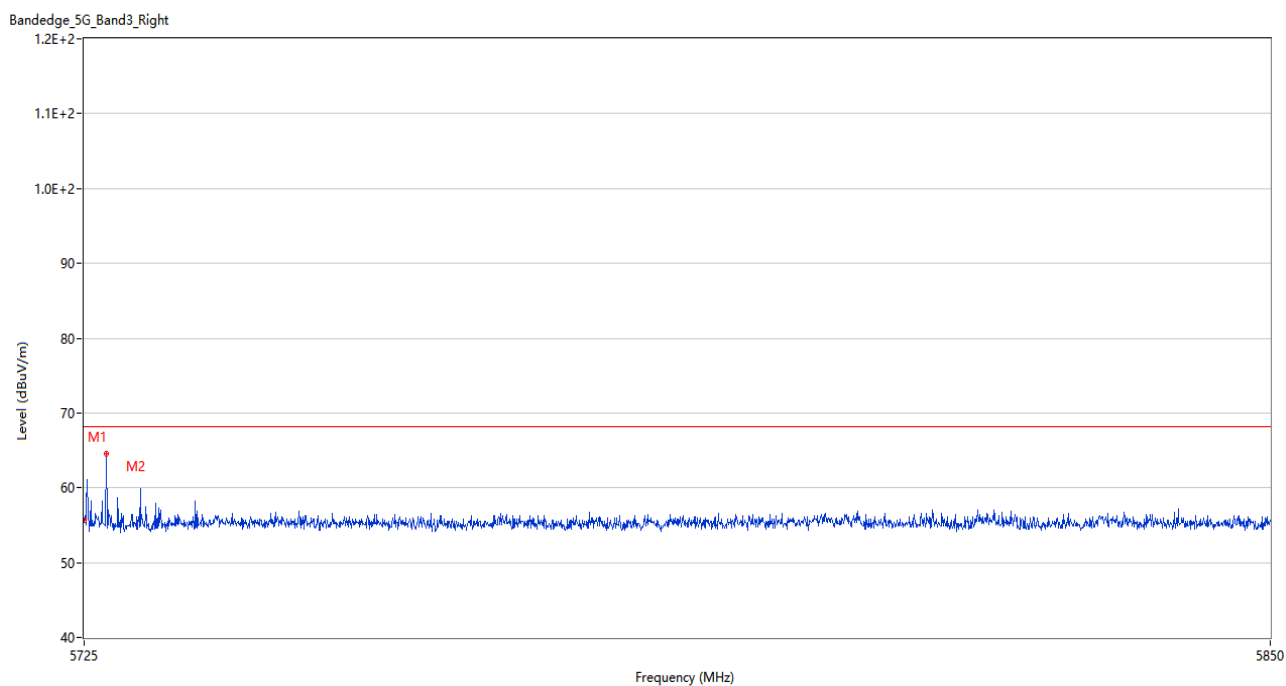
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	61.75	3.44	68.2	6.45	Peak	261.00	150	Horizontal	Pass
2	5725.125	64.48	3.38	68.2	3.72	Peak	254.00	100	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



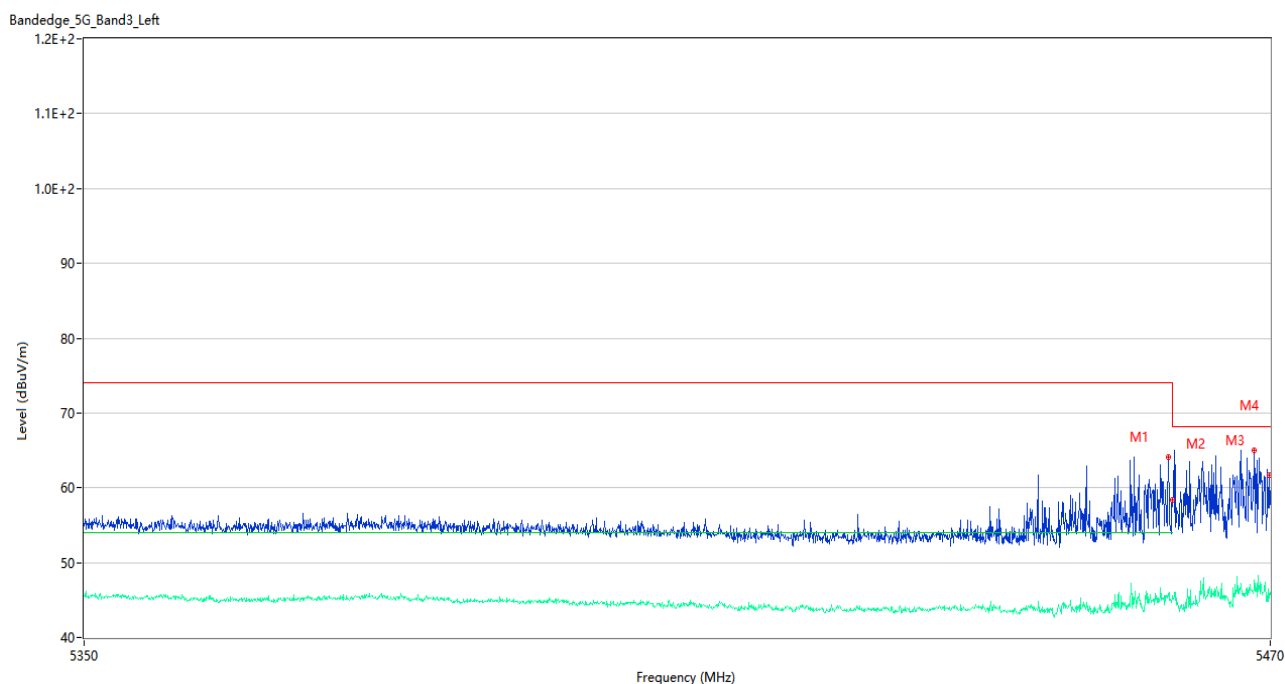
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5442.760	60.08	3.56	74.0	13.92	Peak	266.00	150	Horizontal	Pass
1**	5442.760	43.90	3.56	54.0	10.10	AV	266.00	150	Horizontal	Pass
2	5459.980	52.59	3.49	74.0	21.41	Peak	281.00	150	Horizontal	Pass
2**	5459.980	43.94	3.49	54.0	10.06	AV	281.00	150	Horizontal	Pass
3	5468.560	63.51	3.31	68.2	4.69	Peak	254.00	150	Horizontal	Pass
3**	5468.560	44.46	3.31	--	--	AV	254.00	150	Horizontal	N/A
4	5469.940	58.11	3.29	68.2	10.09	Peak	262.00	200	Horizontal	Pass
4**	5469.940	45.31	3.29	--	--	AV	262.00	200	Horizontal	N/A

U-NII-2C 11ac20 High Channel



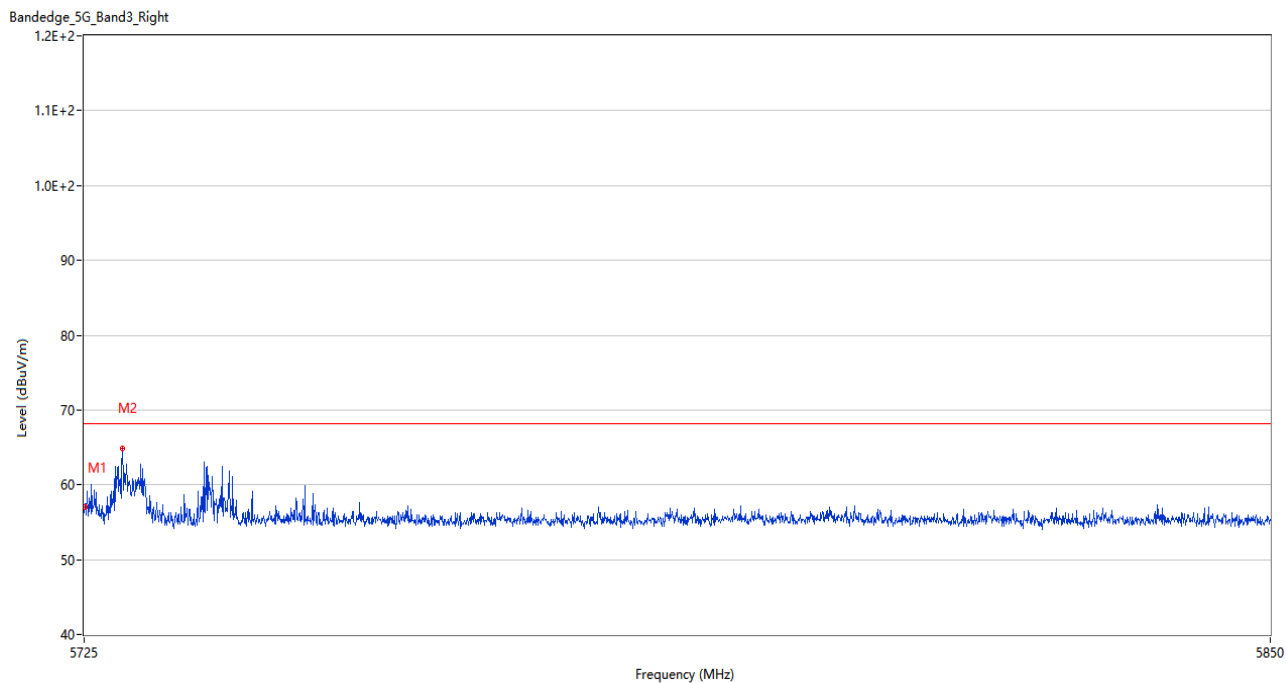
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.73	3.51	68.2	12.47	Peak	249.00	100	Horizontal	Pass
2	5727.312	64.60	3.69	68.2	3.60	Peak	207.00	150	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



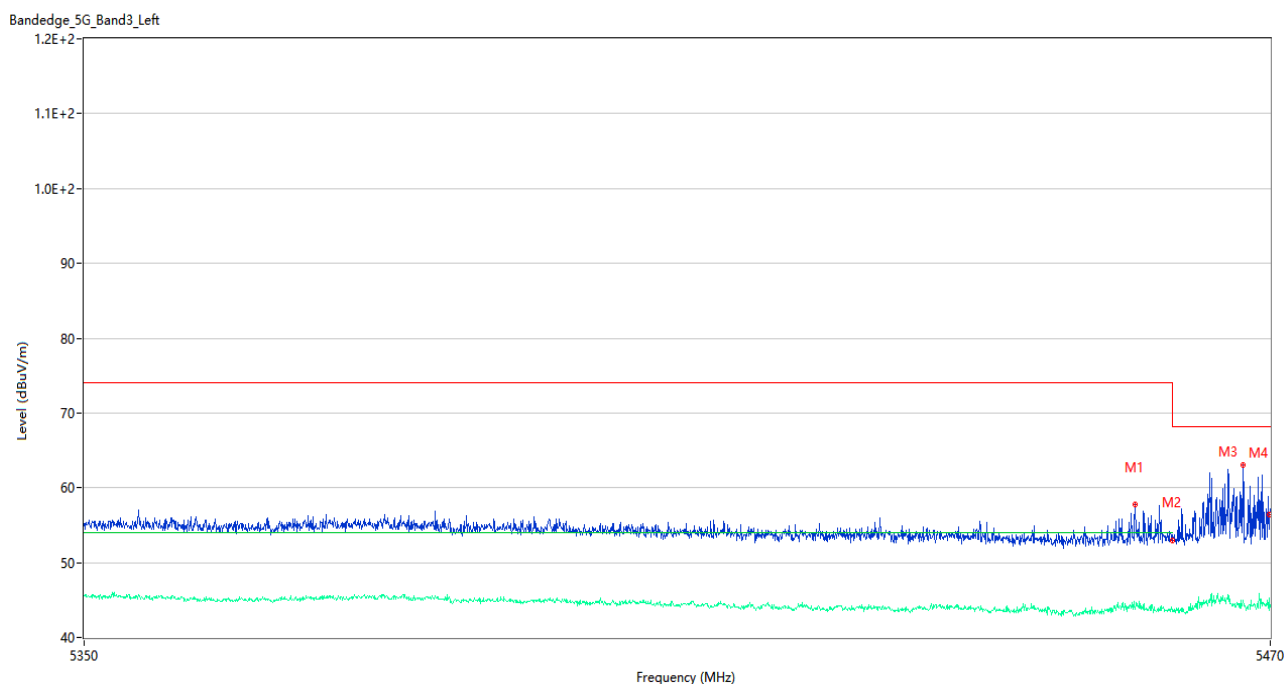
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.620	64.12	3.61	74.0	9.88	Peak	254.00	200	Horizontal	Pass
1**	5459.620	45.51	3.61	54.0	8.49	AV	254.00	200	Horizontal	Pass
2	5459.980	58.38	3.49	74.0	15.62	Peak	257.00	100	Horizontal	Pass
2**	5459.980	45.26	3.49	54.0	8.74	AV	257.00	100	Horizontal	Pass
3	5468.320	65.07	3.32	68.2	3.13	Peak	254.00	100	Horizontal	Pass
3**	5468.320	46.30	3.32	--	--	AV	254.00	100	Horizontal	N/A
4	5469.940	61.75	3.29	68.2	6.45	Peak	268.00	100	Horizontal	Pass
4**	5469.940	45.32	3.29	--	--	AV	268.00	100	Horizontal	N/A

U-NII-2C 11ac40 High Channel



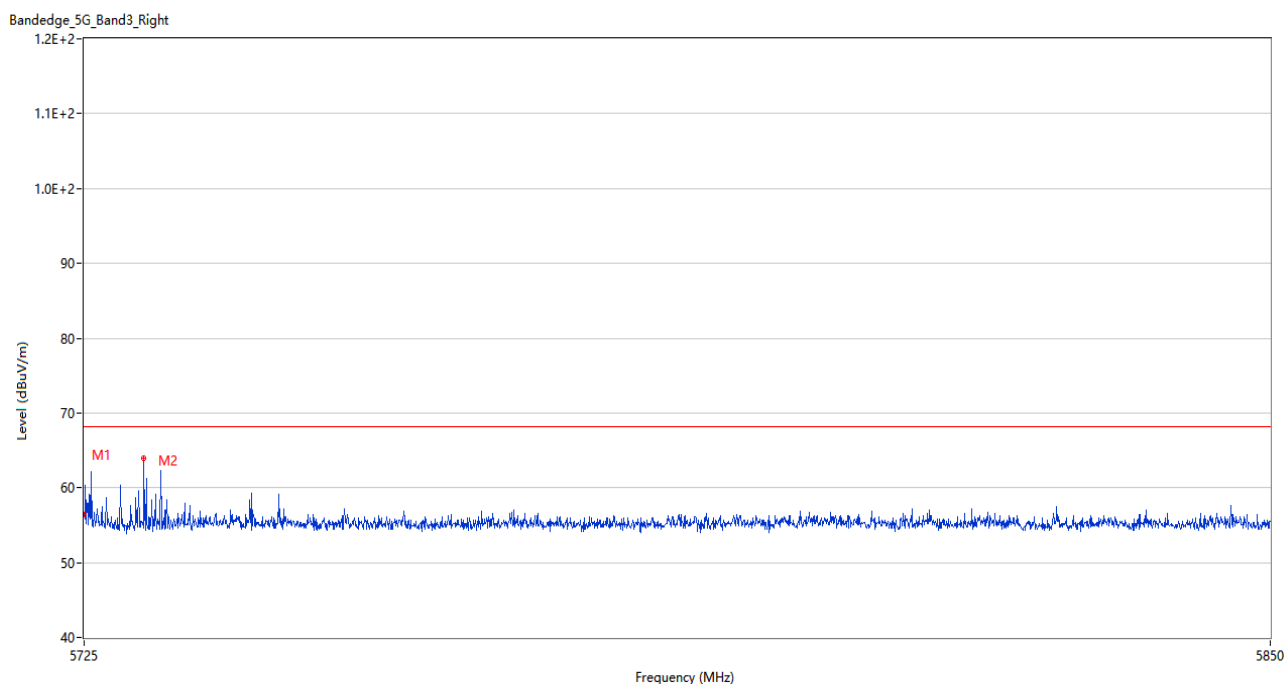
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	57.08	3.44	68.2	11.12	Peak	20.00	200	Horizontal	Pass
2	5729.000	64.81	3.51	68.2	3.39	Peak	266.00	200	Horizontal	Pass

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



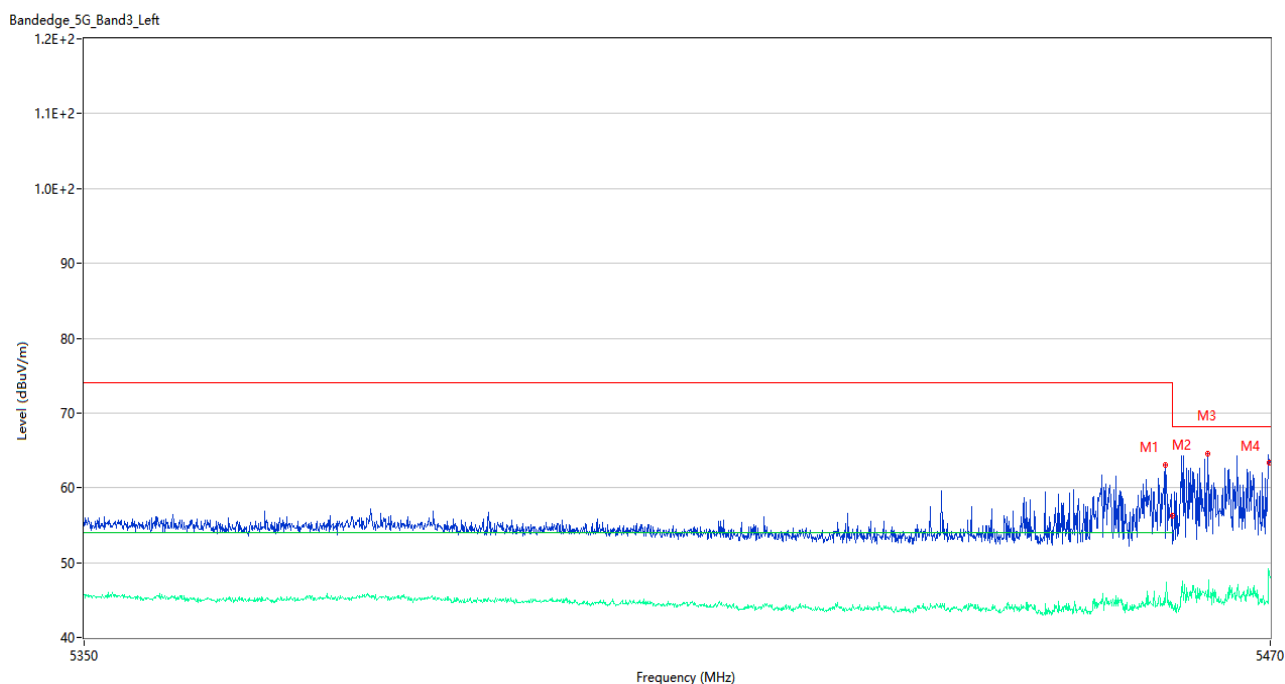
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5456.200	57.73	3.58	74.0	16.27	Peak	251.00	150	Horizontal	Pass
1**	5456.200	43.76	3.58	54.0	10.24	AV	251.00	150	Horizontal	Pass
2	5459.980	53.03	3.49	74.0	20.97	Peak	360.00	200	Horizontal	Pass
2**	5459.980	43.83	3.49	54.0	10.17	AV	360.00	200	Horizontal	Pass
3	5467.180	63.02	3.11	68.2	5.18	Peak	273.00	100	Horizontal	Pass
3**	5467.180	44.73	3.11	--	--	AV	273.00	100	Horizontal	N/A
4	5469.940	56.40	3.29	68.2	11.80	Peak	224.00	200	Horizontal	Pass
4**	5469.940	43.64	3.29	--	--	AV	224.00	200	Horizontal	N/A

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



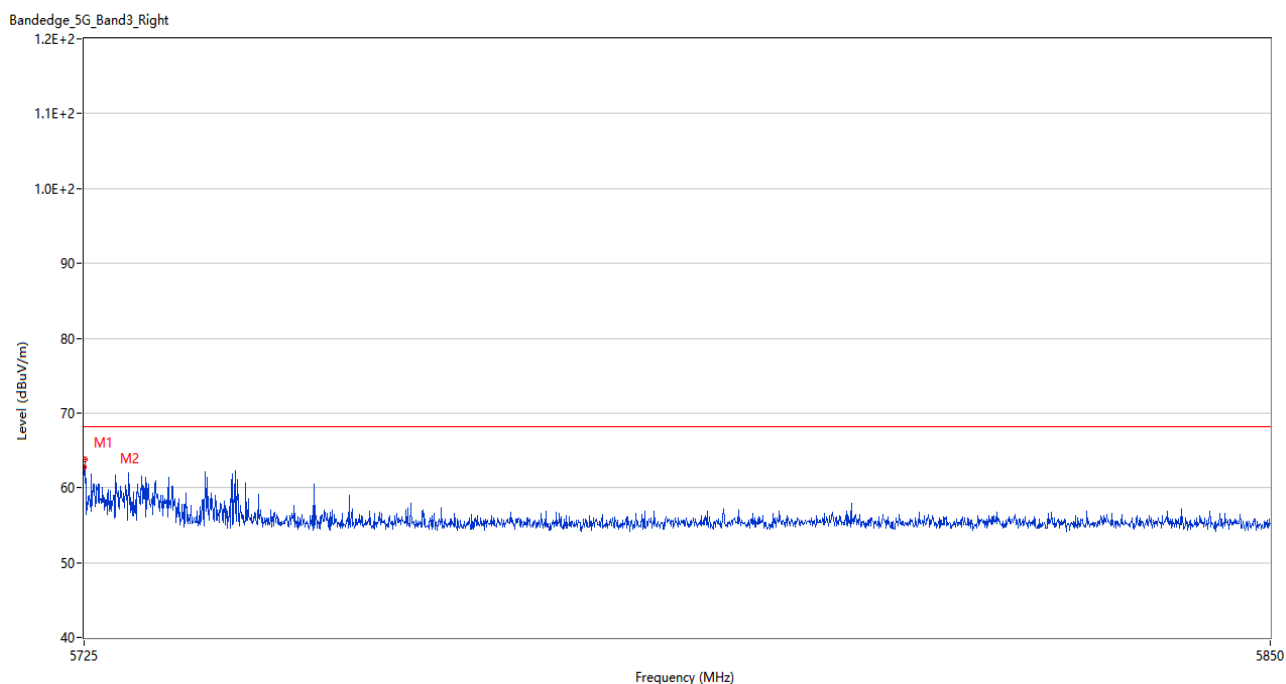
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.40	3.51	68.2	11.80	Peak	259.00	150	Horizontal	Pass
2	5731.250	63.89	3.71	68.2	4.31	Peak	268.00	100	Horizontal	Pass

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



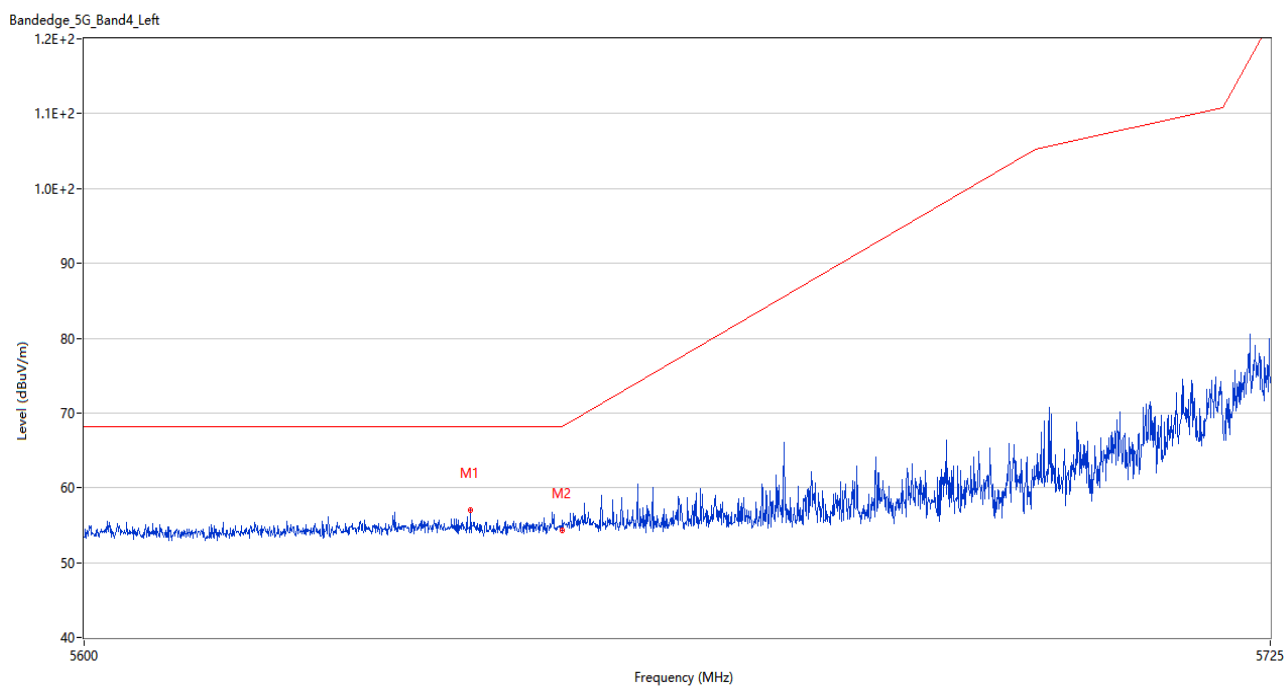
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.320	63.01	3.58	74.0	10.99	Peak	248.00	200	Horizontal	Pass
1**	5459.320	44.62	3.58	54.0	9.38	AV	248.00	200	Horizontal	Pass
2	5459.980	56.23	3.49	74.0	17.77	Peak	212.00	100	Horizontal	Pass
2**	5459.980	43.87	3.49	54.0	10.13	AV	212.00	100	Horizontal	Pass
3	5463.640	64.61	3.34	68.2	3.59	Peak	254.00	150	Horizontal	Pass
3**	5463.640	44.99	3.34	--	--	AV	254.00	150	Horizontal	N/A
4	5469.940	63.31	3.29	68.2	4.89	Peak	258.00	100	Horizontal	Pass
4**	5469.940	48.41	3.29	--	--	AV	258.00	100	Horizontal	N/A

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



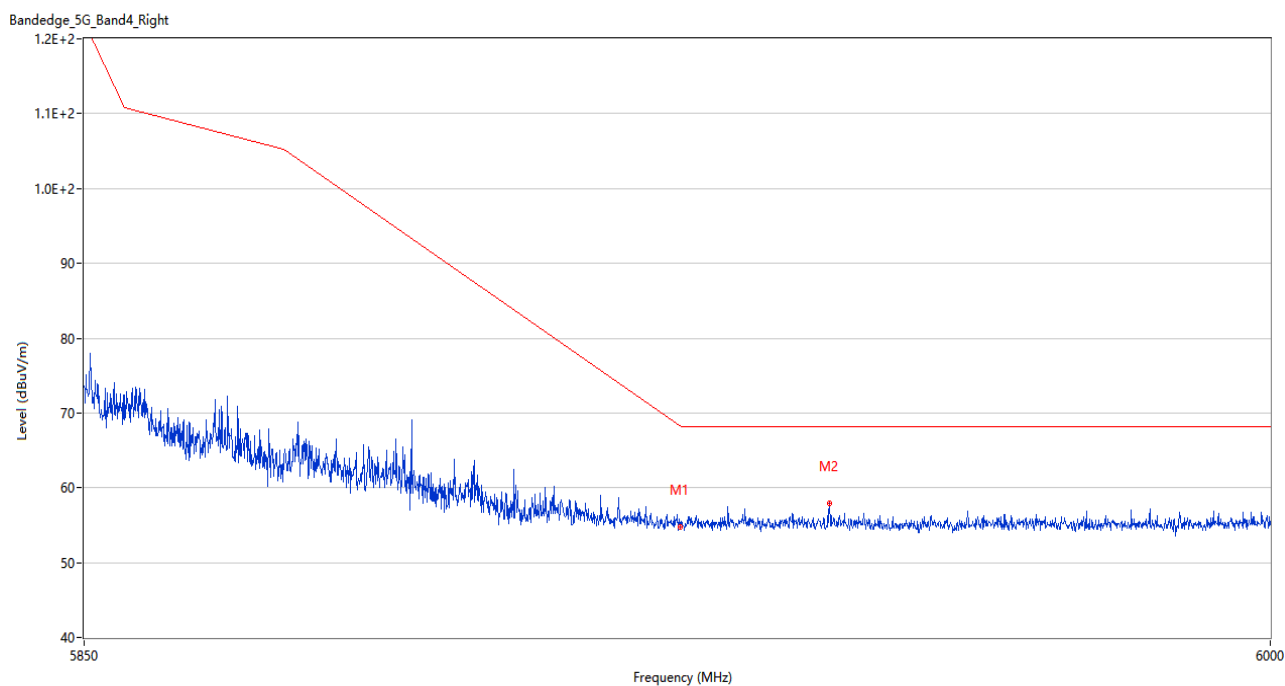
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.75	3.51	68.2	5.45	Peak	261.00	150	Horizontal	Pass
2	5725.125	63.73	3.38	68.2	4.47	Peak	259.00	150	Horizontal	Pass

U-NII-3 11a Low Channel



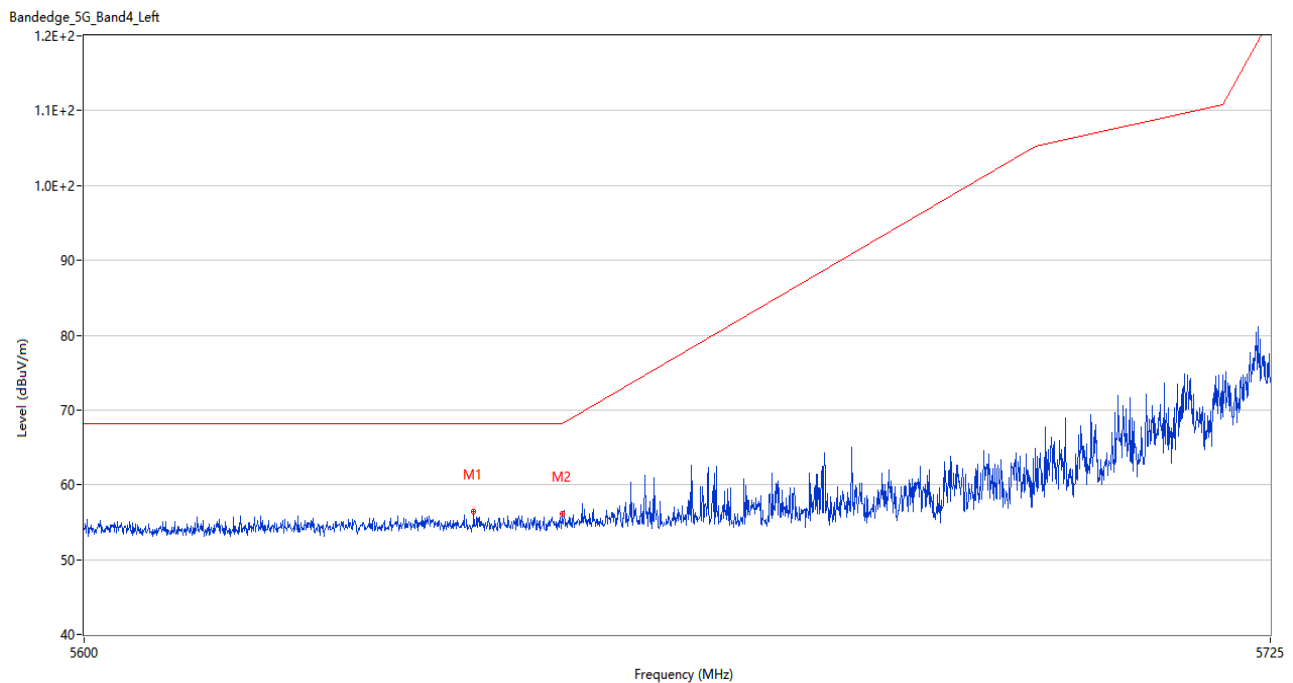
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5640.437	56.99	3.46	68.2	11.21	Peak	208.00	200	Horizontal	Pass
2	5650.000	54.34	3.72	68.2	13.86	Peak	286.00	200	Horizontal	Pass

U-NII-3 11a High Channel



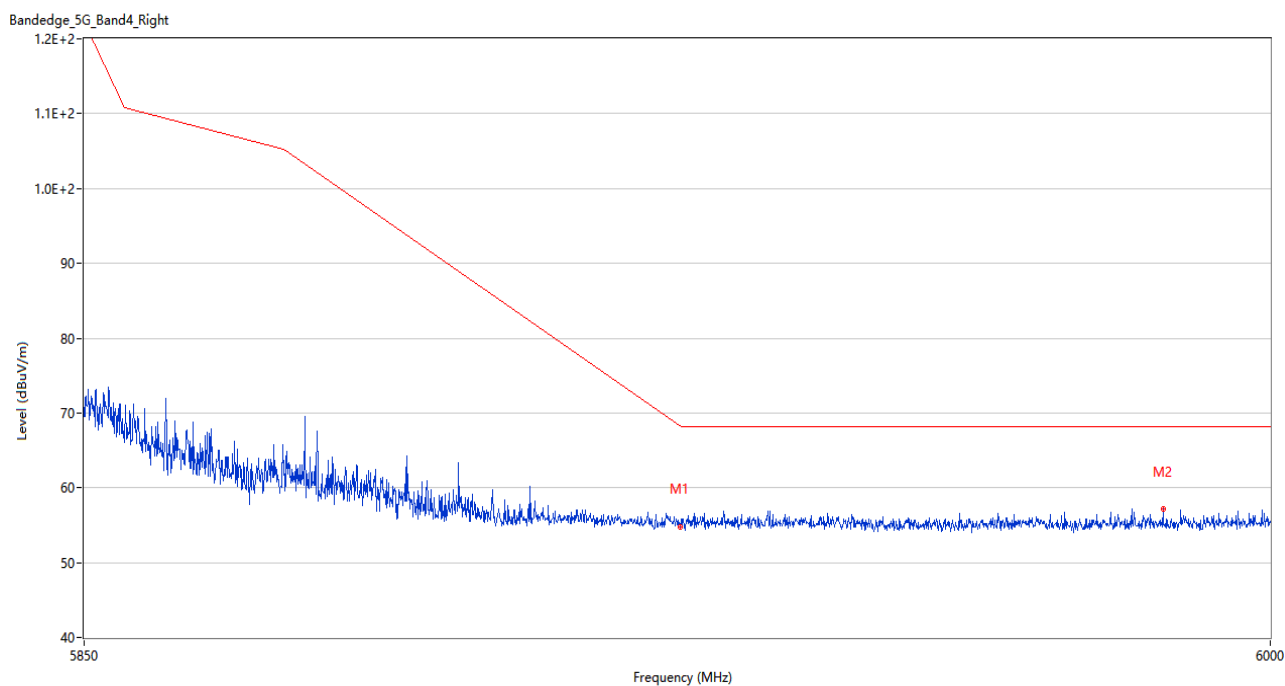
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.75	3.42	68.3	13.55	Peak	92.00	200	Horizontal	Pass
2	5943.825	57.86	3.64	68.2	10.34	Peak	130.00	100	Horizontal	Pass

U-NII-3 11n20 Low Channel



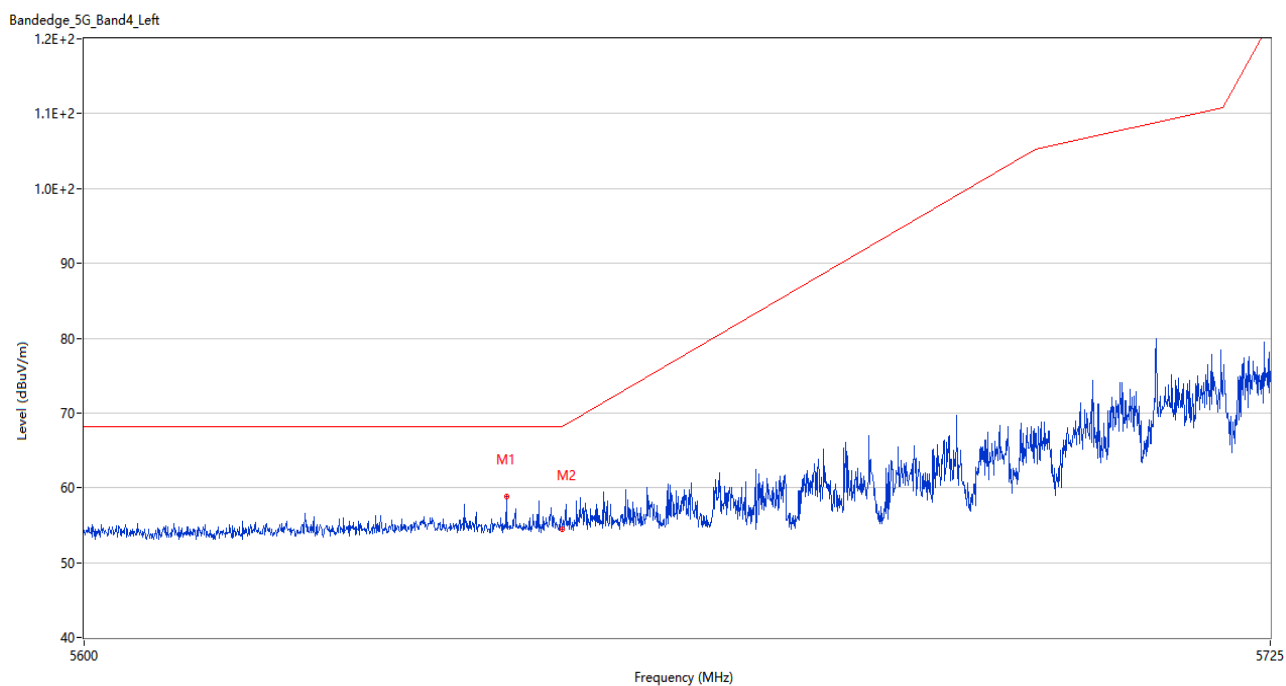
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5640.750	56.47	3.48	68.2	11.73	Peak	263.00	150	Horizontal	Pass
2	5650.000	56.10	3.72	68.2	12.10	Peak	137.00	150	Horizontal	Pass

U-NII-3 11n20 High Channel



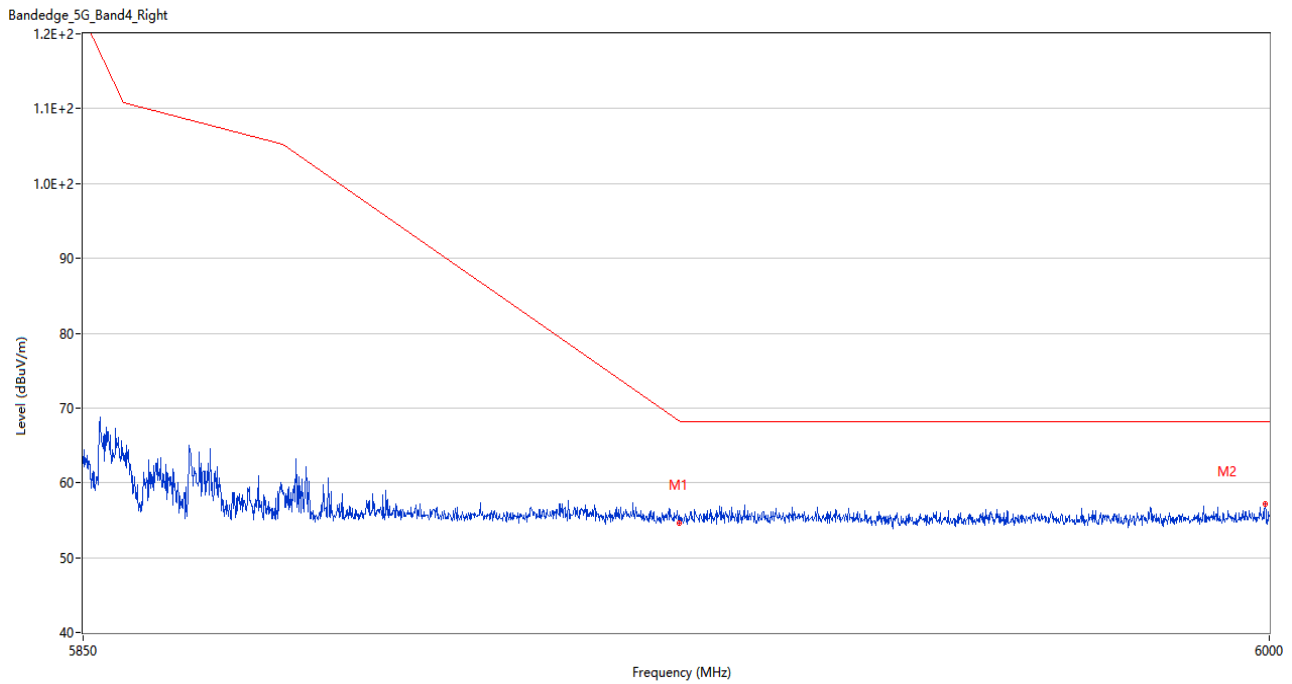
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.83	3.42	68.3	13.47	Peak	21.00	100	Horizontal	Pass
2	5986.275	57.21	4.12	68.2	10.99	Peak	340.00	150	Horizontal	Pass

U-NII-3 11n40 Low Channel



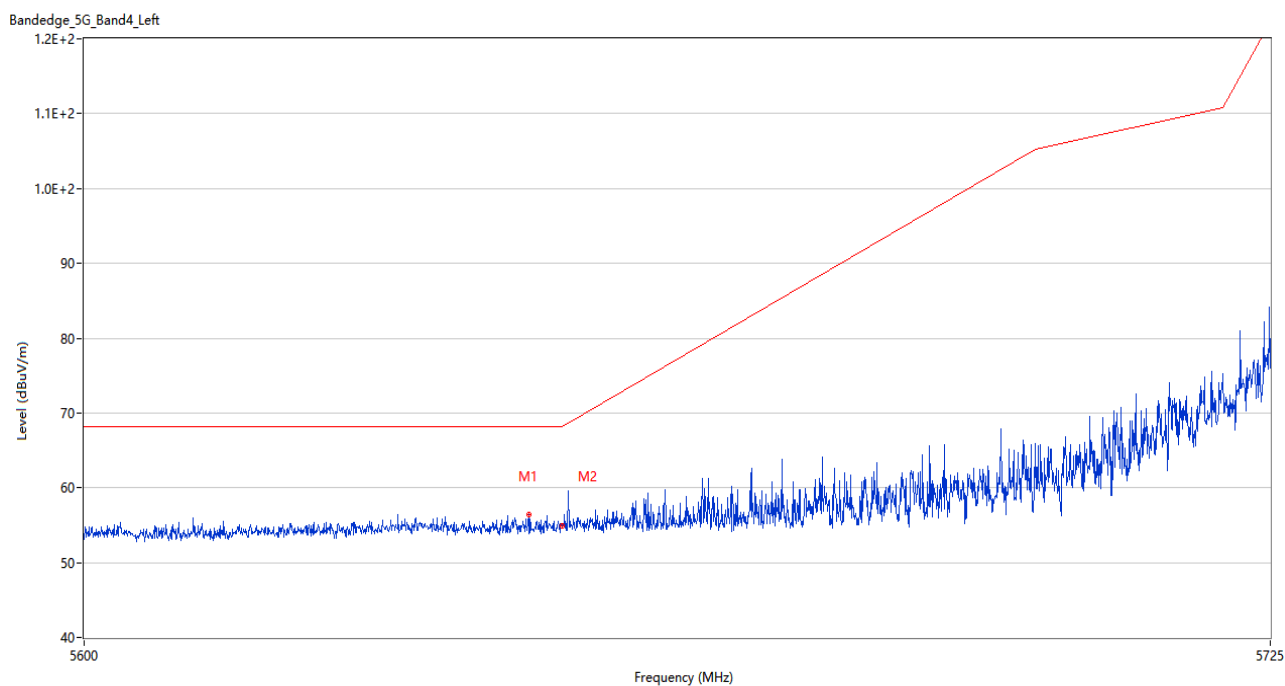
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.188	58.81	3.30	68.2	9.39	Peak	259.00	150	Horizontal	Pass
2	5650.000	54.44	3.72	68.2	13.76	Peak	1.00	150	Horizontal	Pass

U-NII-3 11n40 High Channel



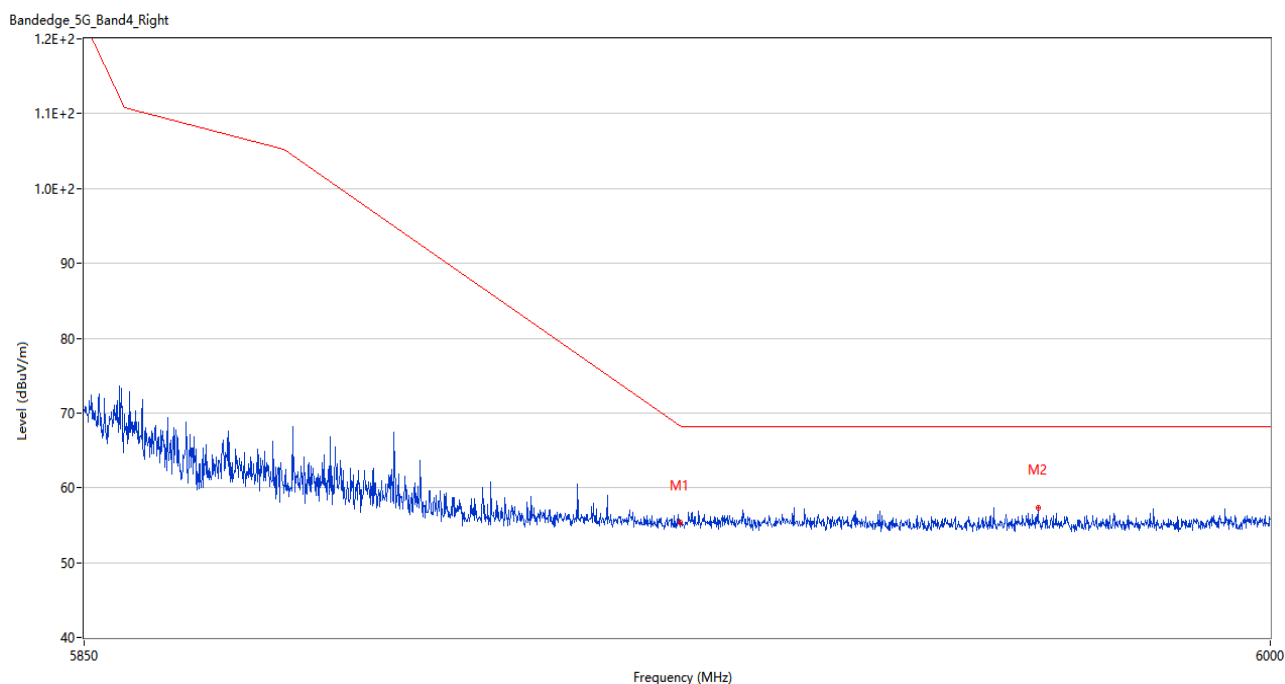
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.67	3.42	68.3	13.63	Peak	320.00	100	Horizontal	Pass
2	5999.475	57.19	4.81	68.2	11.01	Peak	71.00	100	Horizontal	Pass

U-NII-3 11ac20 Low Channel



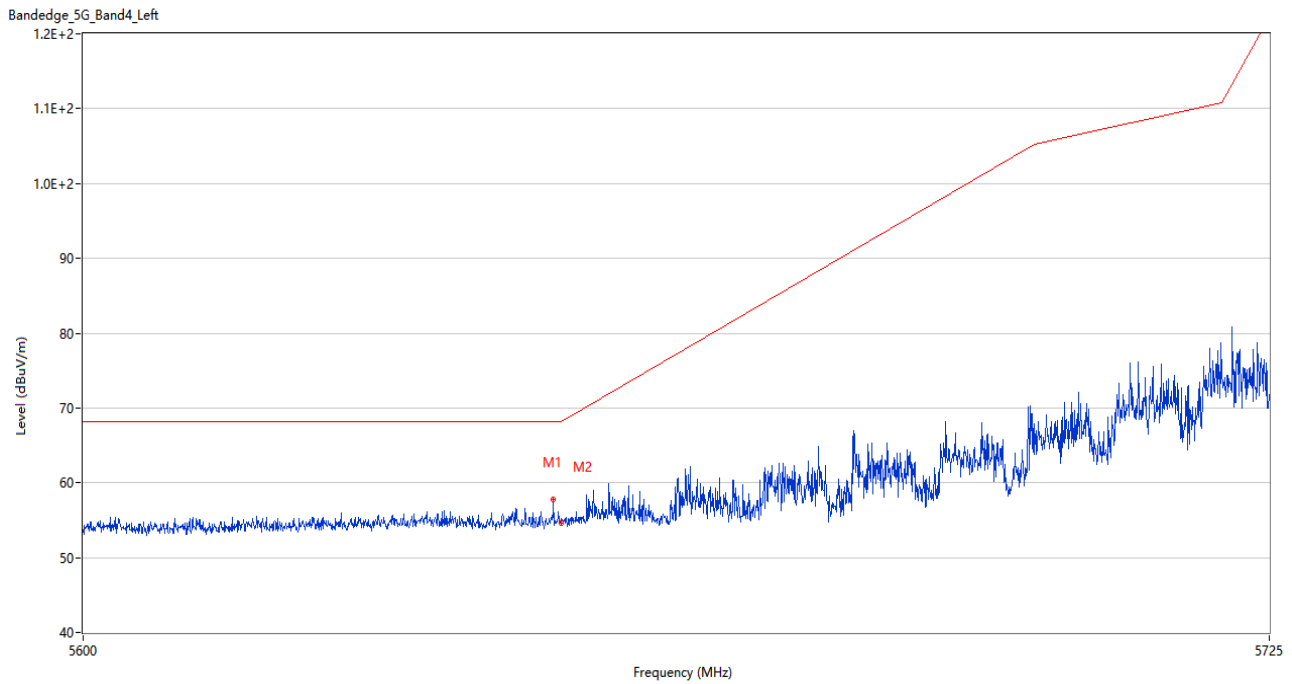
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.500	56.49	3.30	68.2	11.71	Peak	253.00	150	Horizontal	Pass
2	5650.000	54.88	3.72	68.2	13.32	Peak	280.00	100	Horizontal	Pass

U-NII-3 11ac20 High Channel



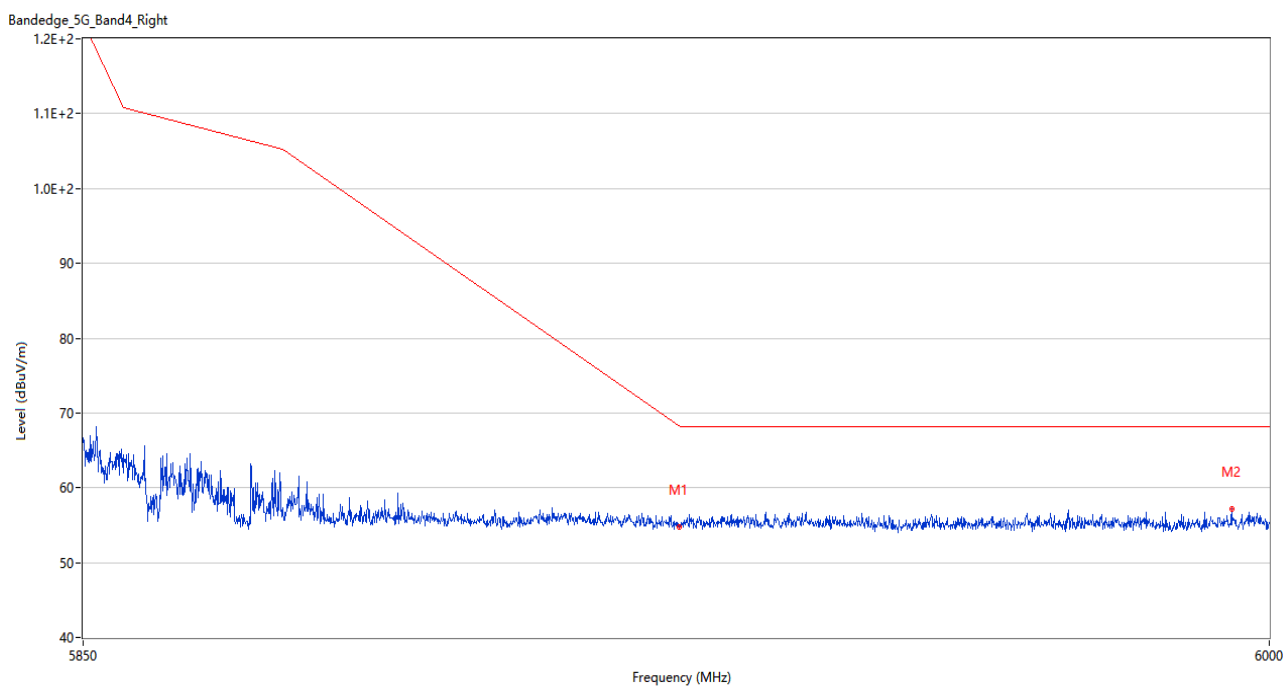
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.33	3.42	68.3	12.97	Peak	212.00	150	Horizontal	Pass
2	5970.300	57.40	4.00	68.2	10.80	Peak	66.00	150	Horizontal	Pass

U-NII-3 11ac40 Low Channel



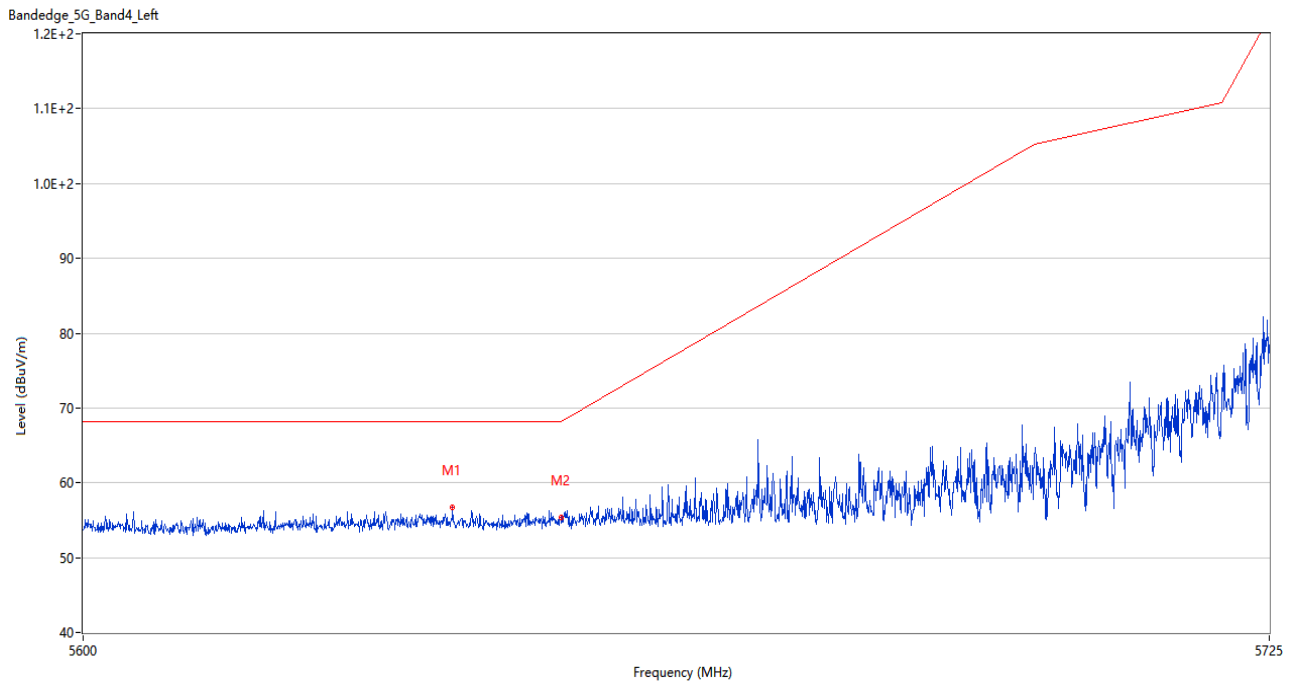
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.250	57.76	3.64	68.2	10.44	Peak	254.00	100	Horizontal	Pass
2	5650.000	54.68	3.72	68.2	13.52	Peak	149.00	100	Horizontal	Pass

U-NII-3 11ac40 High Channel



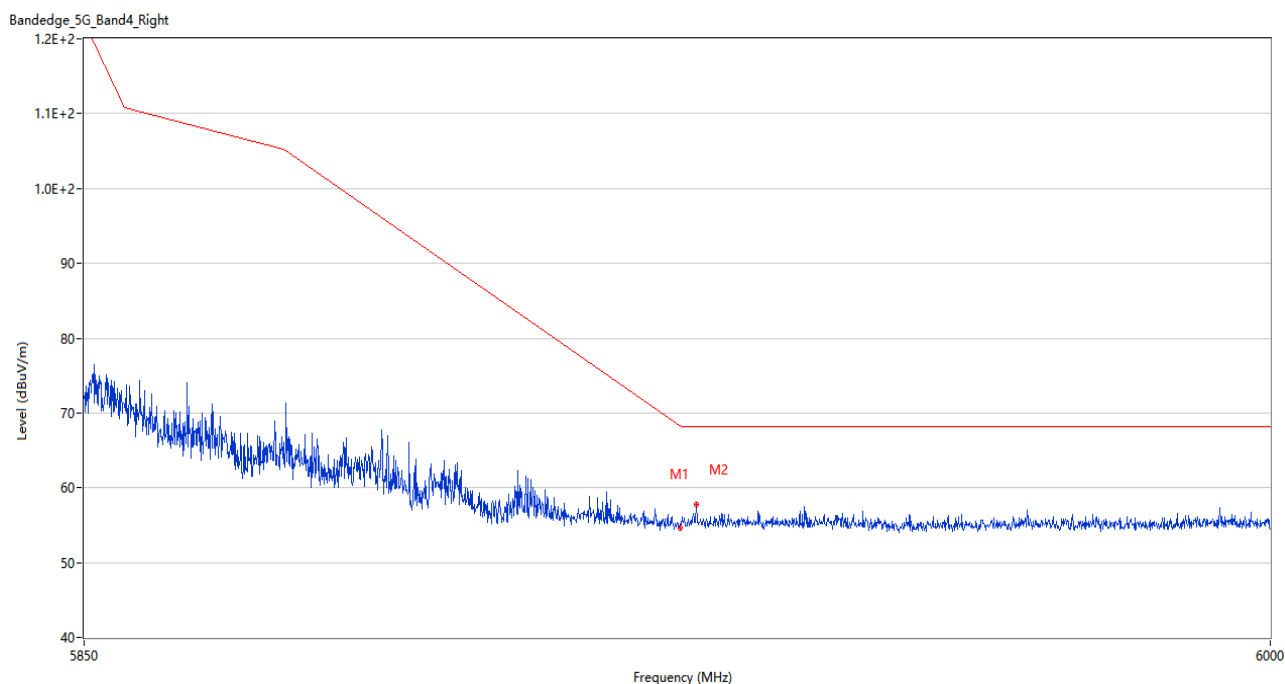
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.75	3.42	68.3	13.55	Peak	120.00	200	Horizontal	Pass
2	5995.200	57.19	4.71	68.2	11.01	Peak	315.00	150	Horizontal	Pass

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



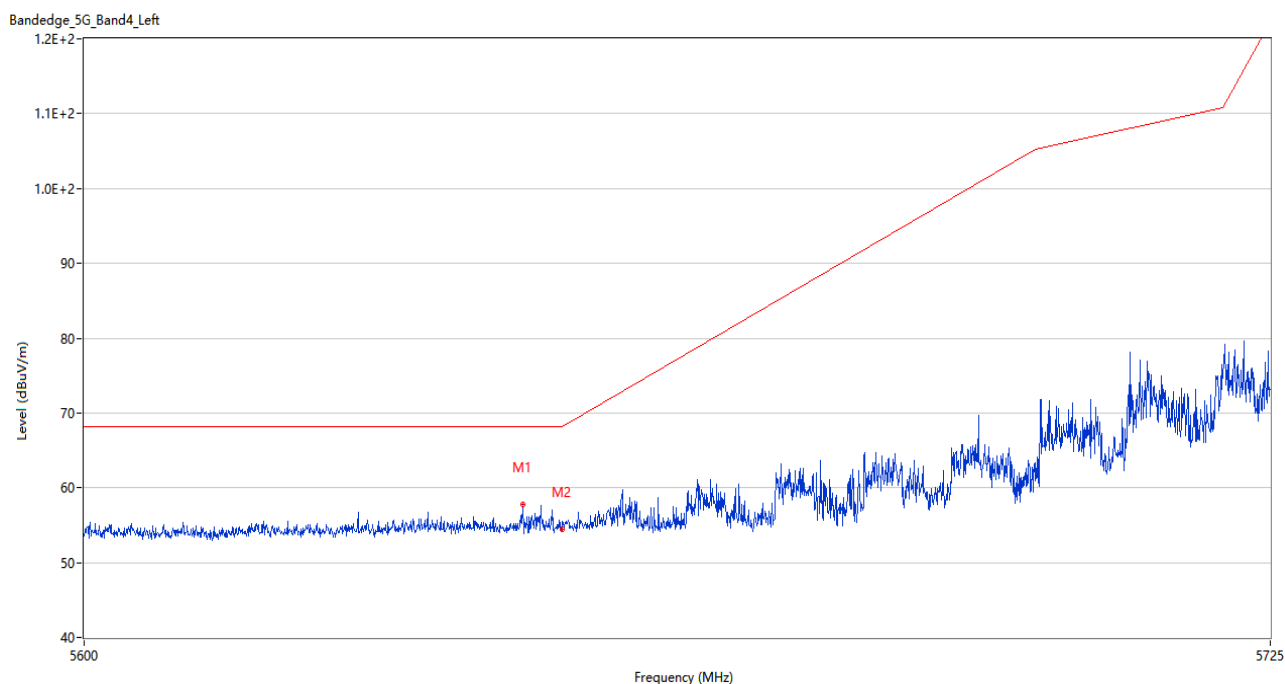
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5638.625	56.74	3.58	68.2	11.46	Peak	1.00	200	Horizontal	Pass
2	5650.000	55.39	3.72	68.2	12.81	Peak	327.00	150	Horizontal	Pass

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



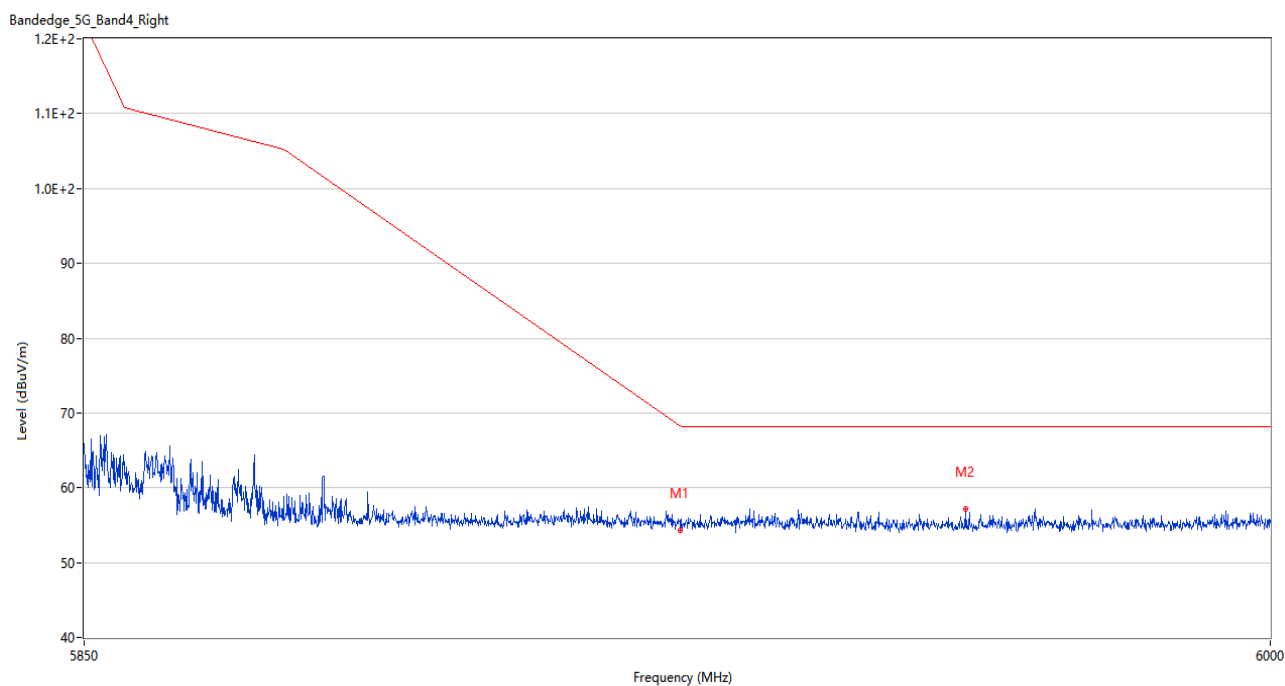
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.66	3.42	68.3	13.64	Peak	94.00	200	Horizontal	Pass
2	5926.950	57.78	3.60	68.2	10.42	Peak	257.00	150	Horizontal	Pass

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	5645.875	57.78	3.32	68.2	10.42	Peak	256.00	200	Horizontal	Pass
2	5650.000	54.43	3.72	68.2	13.77	Peak	360.00	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	5924.925	54.25	3.42	68.3	14.05	Peak	181.00	100	Horizontal	Pass
2	5961.075	57.19	3.48	68.2	11.01	Peak	237.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2470547-AR-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2470547-AW-1.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2470547-AI-1.PDF”.

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