

TEST REPORT

Applicant: Xiaomi Communications Co., Ltd.
Address: #019, 9th Floor, Building 6, 33 Xi'erqi Middle Road,
Haidian District, Beijing, China, 100085
Equipment Type: Tablet Computer
Model Name: 24076RP19G
Brand Name: Redmi
FCC ID: 2AFZZRP19G
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: Apr. 15, 2024
Test Date: Apr. 16, 2024 - May 23, 2024
Date of Issue: Jun. 06, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Yu Yingyuan**Checked by:** Ye Hongji**Approved by:** Liao Jianming
(Technical Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jun. 06, 2024</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.2 Manufacturer Information

Manufacturer	Xiaomi Communications Co., Ltd.
Address	#019, 9th Floor, Building 6, 33 Xi'erqi Middle Road, Haidian District, Beijing, China, 100085

2.3 General Description for Equipment under Test (EUT)

EUT Name	Tablet Computer
Model Name Under Test	24076RP19G
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	13510N85
Software Version	Xiaomi HyperOS 1.0
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A
EUT ID	S04, S73, S41
IMEI Number	S04: IMEI1: 861427070026680, IMEI2: 861427070026698
	S73: IMEI1: 861427070045789, IMEI2: 861427070045797
	S41: IMEI1: 861427070038040, IMEI2: 861427070038057

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/900/1800/1900 3G Network WCDMA/HSDPA/HSUPA Band 1/2/4/5/6/8/19 4G Network FDD LTE Band 1/2/3/4/5/7/8/13/18/19/20/26/28/66 TDD LTE Band 38/40/41 Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20) 5G WIFI 802.11a, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, GPS, GLONASS, Galileo, BDS, SBAS, FM receiver
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	1024QAM, 256QAM, 64QAM, 16QAM, BPSK, QPSK
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 45.60 mW U-NII-2A: 38.11 mW U-NII-2C: 41.59 mW U-NII-3: 11.97 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: -1.4 dBi U-NII-2A: 5250 MHz to 5350 MHz: -0.5 dBi U-NII-2C: 5470 MHz to 5725 MHz: 0.4 dBi U-NII-3: 5725 MHz to 5850 MHz: -1.1 dBi
About the Product	The equipment is Tablet Computer, intended for used with information technology equipment.

2.5 Channel List

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

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

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

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

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
100	Low	5500	144	--	5720
116	Mid	5580	149	Low	5745
140	High	5700	157	Mid	5785
144	--	5720	165	High	5825

For 802.11n(HT40)/ac(VHT40)

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

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	142	--	5710
118	Mid	5590	151	Low	5755
134	High	5670	159	High	5795
142	--	5710			

For 802.11ac(VHT80)

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

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
106	Low	5530	138	--	5690

122	High	5610	155	Mid	5775
138	--	5690			

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	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149/144
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149/144
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151/142
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149/144
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151/142
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155/138
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Band Edge (Restricted-band)	11a	6	BPSK	48/36	64/52	144/140/100	165/149/144
	11n(20 MHz)	6.5		48/36	64/52	144/140/100	165/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/102	159/151/142
	11ac(20 MHz)	6.5		48/36	64/52	144/140/100	165/149/144

	11ac(40 MHz)	13.5		46/38	62/54	142/134/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	48% to 69%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.3°C to +25.6°C
	LT (Low Temperature)	0.0°C
	HT (High Temperature)	+40.0°C
Working Voltage of the EUT	NV (Normal Voltage)	3.84 V
	LV (Low Voltage)	3.40 V
	HV (High Voltage)	4.48 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2023.05.16	2024.05.15
				2024.05.08	2025.05.07
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2023.09.05	2024.09.04
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2023.06.19	2024.06.18
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2021.05.20	2024.05.19
				2024.05.16	2027.05.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	140	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	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
EMI Receiver	Agilent	N9038A	MY55330120	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-00867	2022.04.12	2025.04.11
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

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
LISN	SCHWARZBECK	NSLK 8127	8127-687	2023.05.16	2024.05.15
				2024.05.08	2025.05.07
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8 m	112	2022.02.19	2025.02.18

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

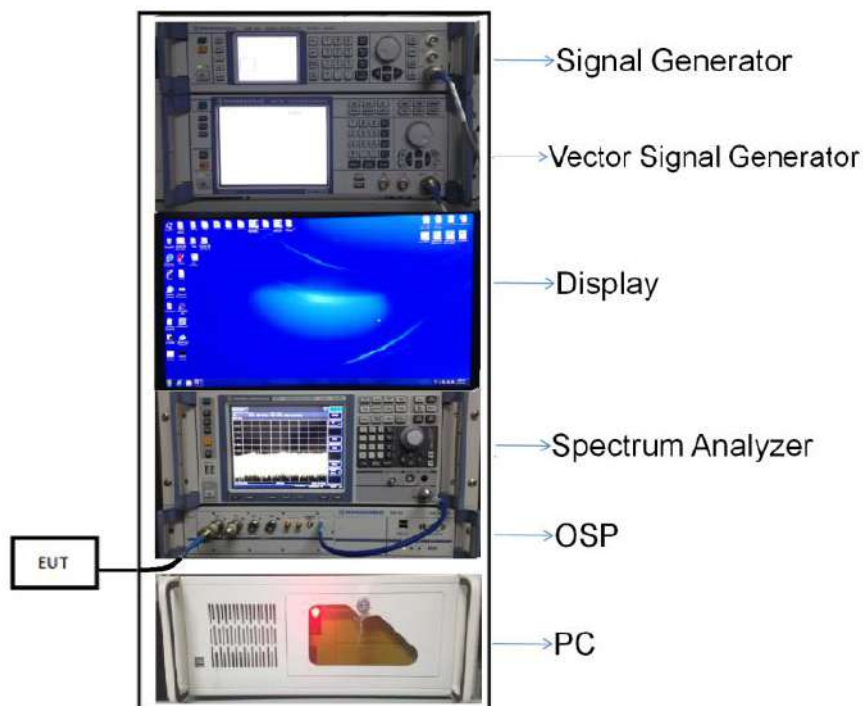
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

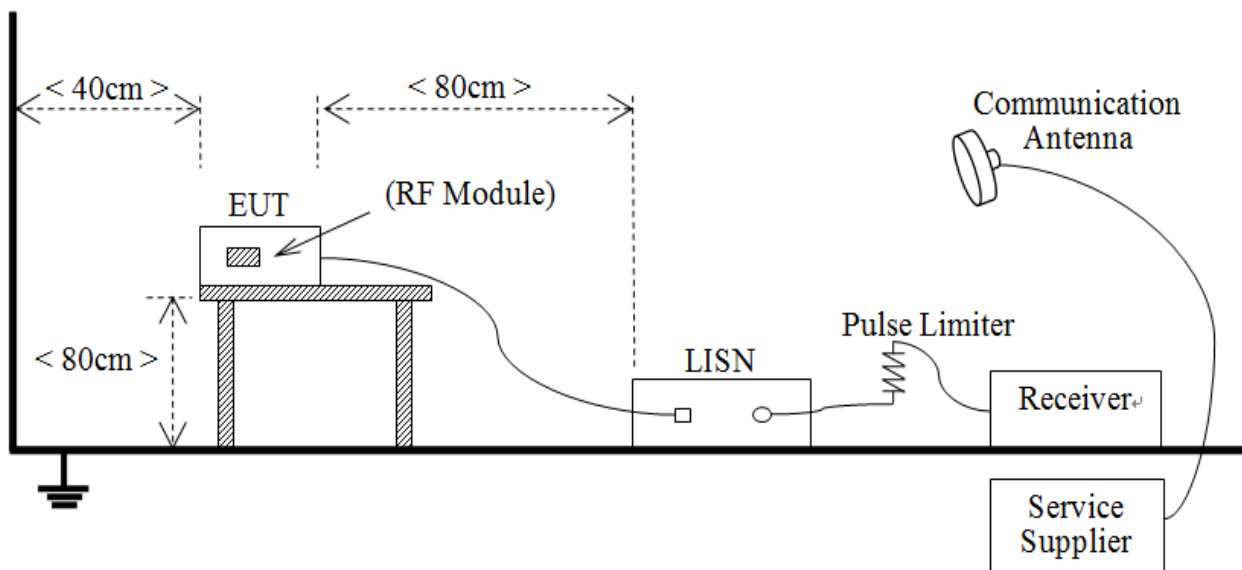
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



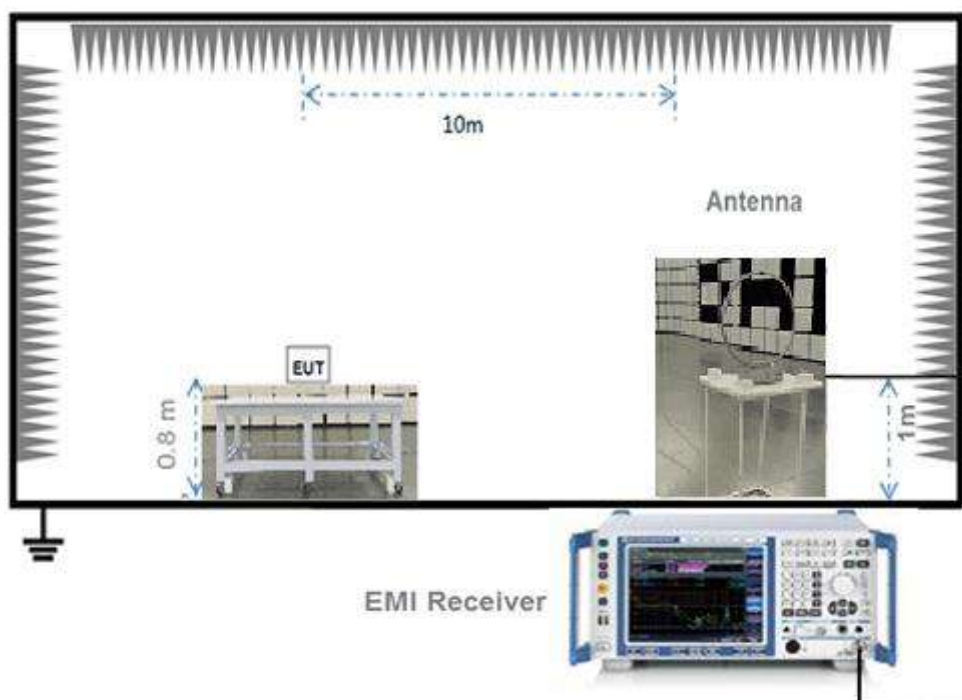
(Diagram 1)

4.5.2 For AC Power Supply Port Test



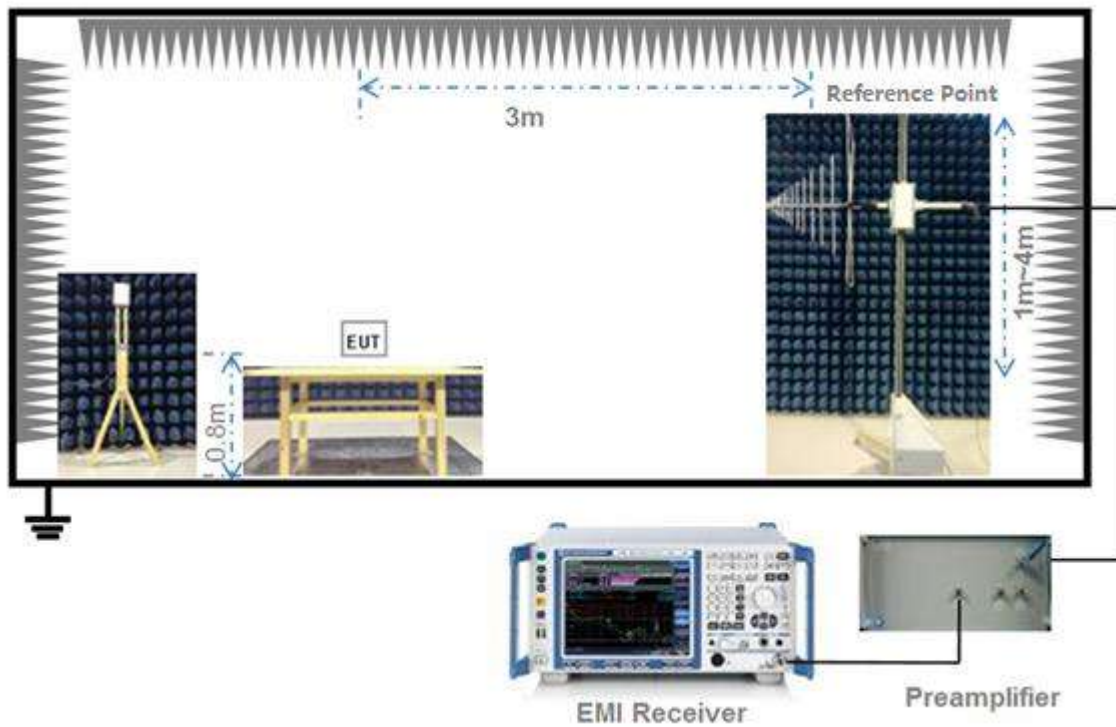
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)

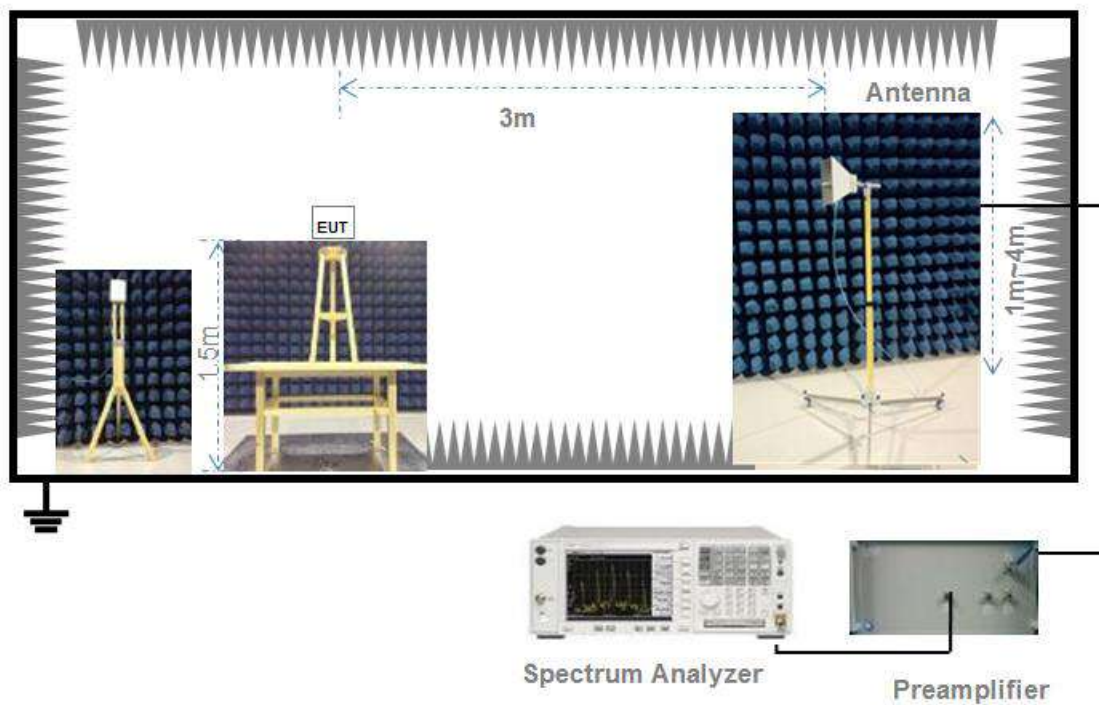


(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

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

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

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

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

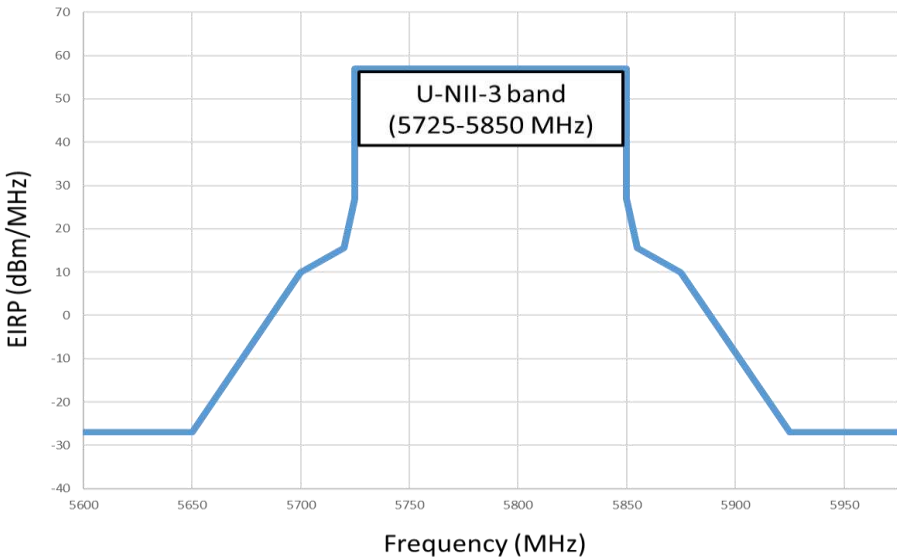
5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

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

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note 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.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	1.389	1.436	96.73%
11n (HT20)	1.298	1.347	96.36%
11n (HT40)	0.646	0.691	93.52%
11ac (VHT20)	1.312	1.354	96.90%
11ac (VHT40)	0.650	0.697	93.27%
11ac (VHT80)	0.324	0.369	87.93%

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.56	35.97	250	Pass
11a	CH44	15.79	37.93	250	Pass
11a	CH48	16.24	42.07	250	Pass
11n (HT20)	CH36	16.20	41.69	250	Pass
11n (HT20)	CH44	16.34	43.05	250	Pass
11n (HT20)	CH48	16.59	45.60	250	Pass
11n (HT40)	CH38	12.51	17.82	250	Pass
11n (HT40)	CH46	15.38	34.51	250	Pass
11ac (VHT20)	CH36	16.21	41.78	250	Pass
11ac (VHT20)	CH44	16.36	43.25	250	Pass
11ac (VHT20)	CH48	16.57	45.39	250	Pass
11ac (VHT40)	CH38	12.61	18.24	250	Pass
11ac (VHT40)	CH46	15.37	34.43	250	Pass
11ac (VHT80)	CH42	11.67	14.69	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.64	29.11	250	Pass
11a	CH60	14.87	30.69	250	Pass
11a	CH64	14.33	27.10	250	Pass
11n (HT20)	CH52	14.46	27.93	250	Pass
11n (HT20)	CH60	14.69	29.44	250	Pass
11n (HT20)	CH64	14.75	29.85	250	Pass
11n (HT40)	CH54	15.74	37.50	250	Pass
11n (HT40)	CH62	13.26	21.18	250	Pass
11ac (VHT20)	CH52	14.63	29.04	250	Pass
11ac (VHT20)	CH60	14.88	30.76	250	Pass
11ac (VHT20)	CH64	14.26	26.67	250	Pass
11ac (VHT40)	CH54	15.81	38.11	250	Pass
11ac (VHT40)	CH62	13.33	21.53	250	Pass
11ac (VHT80)	CH58	12.30	16.98	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.83	24.15	250	Pass
11a	CH116	16.19	41.59	250	Pass
11a	CH140	13.09	20.37	250	Pass
11n (HT20)	CH100	13.73	23.60	250	Pass
11n (HT20)	CH116	16.03	40.09	250	Pass
11n (HT20)	CH140	13.61	22.96	250	Pass
11n (HT40)	CH102	11.55	14.29	250	Pass
11n (HT40)	CH118	15.21	33.19	250	Pass
11n (HT40)	CH134	15.05	31.99	250	Pass
11ac (VHT20)	CH100	13.12	20.51	250	Pass
11ac (VHT20)	CH116	16.06	40.36	250	Pass
11ac (VHT20)	CH140	16.08	40.55	250	Pass
11ac (VHT40)	CH102	12.61	18.24	250	Pass
11ac (VHT40)	CH118	15.01	31.70	250	Pass
11ac (VHT40)	CH134	15.06	32.06	250	Pass
11ac (VHT80)	CH106	11.55	14.29	250	Pass
11ac (VHT80)	CH122	13.54	22.59	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	10.78	11.97	1000	Pass
11a	CH157	10.53	11.30	1000	Pass
11a	CH165	10.75	11.89	1000	Pass
11n (HT20)	CH149	10.65	11.61	1000	Pass
11n (HT20)	CH157	10.55	11.35	1000	Pass
11n (HT20)	CH165	10.67	11.67	1000	Pass
11n (HT40)	CH151	10.52	11.27	1000	Pass
11n (HT40)	CH159	10.54	11.32	1000	Pass
11ac (VHT20)	CH149	10.73	11.83	1000	Pass
11ac (VHT20)	CH157	10.53	11.30	1000	Pass
11ac (VHT20)	CH165	10.63	11.56	1000	Pass
11ac (VHT40)	CH151	10.58	11.43	1000	Pass
11ac (VHT40)	CH159	10.57	11.40	1000	Pass
11ac (VHT80)	CH155	10.56	11.38	1000	Pass

U-NII-2C straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	14.02	25.23	191	Pass
11n (HT20)	CH144	13.77	23.82	191	Pass
11n (HT40)	CH142	12.72	18.71	250	Pass
11ac (VHT20)	CH144	13.79	23.93	191	Pass
11ac (VHT40)	CH142	12.69	18.58	250	Pass
11ac (VHT80)	CH138	12.36	17.22	250	Pass

U-NII-3 straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	14.02	25.23	1000	Pass
11n (HT20)	CH144	13.77	23.82	1000	Pass
11n (HT40)	CH142	12.72	18.71	1000	Pass
11ac (VHT20)	CH144	13.79	23.93	1000	Pass
11ac (VHT40)	CH142	12.69	18.58	1000	Pass
11ac (VHT80)	CH138	12.36	17.22	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2440422-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.04	16.51
11a	CH44	20.11	16.54
11a	CH48	20.36	16.53
11n (HT20)	CH36	20.40	17.65
11n (HT20)	CH44	21.25	17.65
11n (HT20)	CH48	21.50	17.67
11n (HT40)	CH38	40.80	36.04
11n (HT40)	CH46	40.53	36.13
11ac (VHT20)	CH36	20.43	17.61
11ac (VHT20)	CH44	20.30	17.62
11ac (VHT20)	CH48	20.45	17.64
11ac (VHT40)	CH38	40.61	36.04
11ac (VHT40)	CH46	40.63	36.04
11ac (VHT80)	CH42	81.05	75.43

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.11	16.52
11a	CH60	19.96	16.50
11a	CH64	20.08	16.49
11n (HT20)	CH52	20.28	17.61
11n (HT20)	CH60	20.35	17.61
11n (HT20)	CH64	20.39	17.62
11n (HT40)	CH54	40.69	36.09
11n (HT40)	CH62	40.58	36.03
11ac (VHT20)	CH52	20.30	17.58
11ac (VHT20)	CH60	20.38	17.57
11ac (VHT20)	CH64	20.38	17.58
11ac (VHT40)	CH54	40.51	36.04
11ac (VHT40)	CH62	40.71	36.05
11ac (VHT80)	CH58	81.15	75.46

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.20	16.49
11a	CH116	20.15	16.55
11a	CH140	19.97	16.51
11n (HT20)	CH100	20.34	17.59
11n (HT20)	CH116	20.47	17.67
11n (HT20)	CH140	20.30	17.60
11n (HT40)	CH102	40.76	36.10
11n (HT40)	CH118	40.64	36.14
11n (HT40)	CH134	40.64	36.11
11ac (VHT20)	CH100	20.41	17.57
11ac (VHT20)	CH116	20.47	17.63
11ac (VHT20)	CH140	20.32	17.64
11ac (VHT40)	CH102	40.68	36.04
11ac (VHT40)	CH118	40.78	36.03
11ac (VHT40)	CH134	40.77	36.06
11ac (VHT80)	CH106	80.99	75.48
11ac (VHT80)	CH122	81.16	75.40

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.01	16.54
11a	CH157	20.12	16.55
11a	CH165	20.09	16.54
11n (HT20)	CH149	20.40	17.62
11n (HT20)	CH157	20.39	17.62
11n (HT20)	CH165	20.38	17.62
11n (HT40)	CH151	40.43	36.12
11n (HT40)	CH159	40.64	36.15
11ac (VHT20)	CH149	20.47	17.61
11ac (VHT20)	CH157	20.38	17.61
11ac (VHT20)	CH165	20.36	17.61
11ac (VHT40)	CH151	40.63	36.13
11ac (VHT40)	CH159	40.57	36.16
11ac (VHT80)	CH155	80.98	75.69

U-NII-2C straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	15.20	13.30
11n (HT20)	CH144	15.20	13.80
11n (HT40)	CH142	35.40	33.10
11ac (VHT20)	CH144	15.20	13.80
11ac (VHT40)	CH142	35.30	33.10
11ac (VHT80)	CH138	75.70	72.80

U-NII-3 straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	5.00	3.30
11n (HT20)	CH144	5.20	3.80
11n (HT40)	CH142	5.20	3.00
11ac (VHT20)	CH144	5.20	3.80
11ac (VHT40)	CH142	5.10	3.00
11ac (VHT80)	CH138	5.50	2.60

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2440422-604 Data Part 2.pdf".

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.30	500.00	Pass
11a	CH157	15.40	500.00	Pass
11a	CH165	15.40	500.00	Pass
11n (HT20)	CH149	15.30	500.00	Pass
11n (HT20)	CH157	15.40	500.00	Pass
11n (HT20)	CH165	15.40	500.00	Pass
11n (HT40)	CH151	35.30	500.00	Pass
11n (HT40)	CH159	35.30	500.00	Pass
11ac (VHT20)	CH149	15.40	500.00	Pass
11ac (VHT20)	CH157	15.30	500.00	Pass
11ac (VHT20)	CH165	15.40	500.00	Pass
11ac (VHT40)	CH151	35.30	500.00	Pass
11ac (VHT40)	CH159	35.30	500.00	Pass
11ac (VHT80)	CH155	75.30	500.00	Pass

U-NII-3 straddle channel				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH144	2.70	500.00	Pass
11n (HT20)	CH144	2.60	500.00	Pass
11n (HT40)	CH142	2.60	500.00	Pass
11ac (VHT20)	CH144	2.70	500.00	Pass
11ac (VHT40)	CH142	2.60	500.00	Pass
11ac (VHT80)	CH138	2.60	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ2440422-604 Data Part 3.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	4.79	11.00	Pass
11a	CH44	5.06	11.00	Pass
11a	CH48	5.39	11.00	Pass
11n (HT20)	CH36	5.05	11.00	Pass
11n (HT20)	CH44	5.32	11.00	Pass
11n (HT20)	CH48	5.53	11.00	Pass
11n (HT40)	CH38	-1.48	11.00	Pass
11n (HT40)	CH46	1.31	11.00	Pass
11ac (VHT20)	CH36	5.05	11.00	Pass
11ac (VHT20)	CH44	5.56	11.00	Pass
11ac (VHT20)	CH48	5.75	11.00	Pass
11ac (VHT40)	CH38	-1.57	11.00	Pass
11ac (VHT40)	CH46	1.34	11.00	Pass
11ac (VHT80)	CH42	-5.98	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	3.67	11.00	Pass
11a	CH60	3.91	11.00	Pass
11a	CH64	3.53	11.00	Pass
11n (HT20)	CH52	3.52	11.00	Pass
11n (HT20)	CH60	3.58	11.00	Pass
11n (HT20)	CH64	3.58	11.00	Pass
11n (HT40)	CH54	1.60	11.00	Pass
11n (HT40)	CH62	-0.72	11.00	Pass
11ac (VHT20)	CH52	3.48	11.00	Pass
11ac (VHT20)	CH60	3.72	11.00	Pass
11ac (VHT20)	CH64	3.40	11.00	Pass
11ac (VHT40)	CH54	1.61	11.00	Pass
11ac (VHT40)	CH62	-0.74	11.00	Pass
11ac (VHT80)	CH58	-5.43	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.97	11.00	Pass
11a	CH116	5.59	11.00	Pass
11a	CH140	1.61	11.00	Pass
11n (HT20)	CH100	2.58	11.00	Pass
11n (HT20)	CH116	5.23	11.00	Pass
11n (HT20)	CH140	1.96	11.00	Pass
11n (HT40)	CH102	-2.36	11.00	Pass
11n (HT40)	CH118	1.15	11.00	Pass
11n (HT40)	CH134	0.71	11.00	Pass
11ac (VHT20)	CH100	2.17	11.00	Pass
11ac (VHT20)	CH116	5.26	11.00	Pass
11ac (VHT20)	CH140	4.62	11.00	Pass
11ac (VHT40)	CH102	-1.38	11.00	Pass
11ac (VHT40)	CH118	1.03	11.00	Pass
11ac (VHT40)	CH134	0.75	11.00	Pass
11ac (VHT80)	CH106	-5.90	11.00	Pass
11ac (VHT80)	CH122	-3.93	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-3.61	30.00	Pass
11a	CH157	-3.76	30.00	Pass
11a	CH165	-3.79	30.00	Pass
11n (HT20)	CH149	-4.02	30.00	Pass
11n (HT20)	CH157	-4.15	30.00	Pass
11n (HT20)	CH165	-4.07	30.00	Pass
11n (HT40)	CH151	-7.18	30.00	Pass
11n (HT40)	CH159	-7.33	30.00	Pass
11ac (VHT20)	CH149	-3.96	30.00	Pass
11ac (VHT20)	CH157	-4.20	30.00	Pass
11ac (VHT20)	CH165	-4.12	30.00	Pass
11ac (VHT40)	CH151	-7.06	30.00	Pass
11ac (VHT40)	CH159	-7.33	30.00	Pass
11ac (VHT80)	CH155	-10.66	30.00	Pass

U-NII-2C straddle channel				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH144	2.42	11.00	Pass
11n (HT20)	CH144	2.13	11.00	Pass
11n (HT40)	CH142	-2.18	11.00	Pass
11ac (VHT20)	CH144	2.06	11.00	Pass
11ac (VHT40)	CH142	-2.06	11.00	Pass
11ac (VHT80)	CH138	-5.97	11.00	Pass

U-NII-3 straddle channel				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	-0.31	30.00	Pass
11n (HT20)	CH144	-0.64	30.00	Pass
11n (HT40)	CH142	-5.06	30.00	Pass
11ac (VHT20)	CH144	-0.63	30.00	Pass
11ac (VHT40)	CH142	-5.07	30.00	Pass
11ac (VHT80)	CH138	-8.60	30.00	Pass

A.5 Conducted Emissions

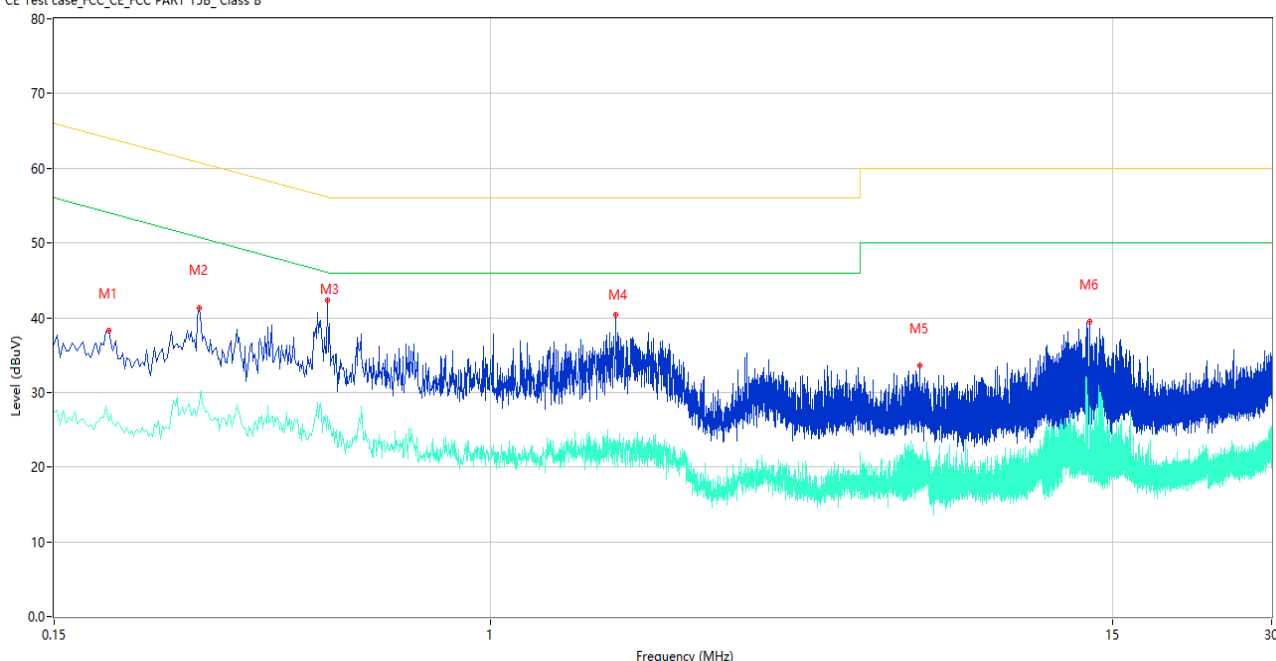
Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Test Data and Plots

PHASE L

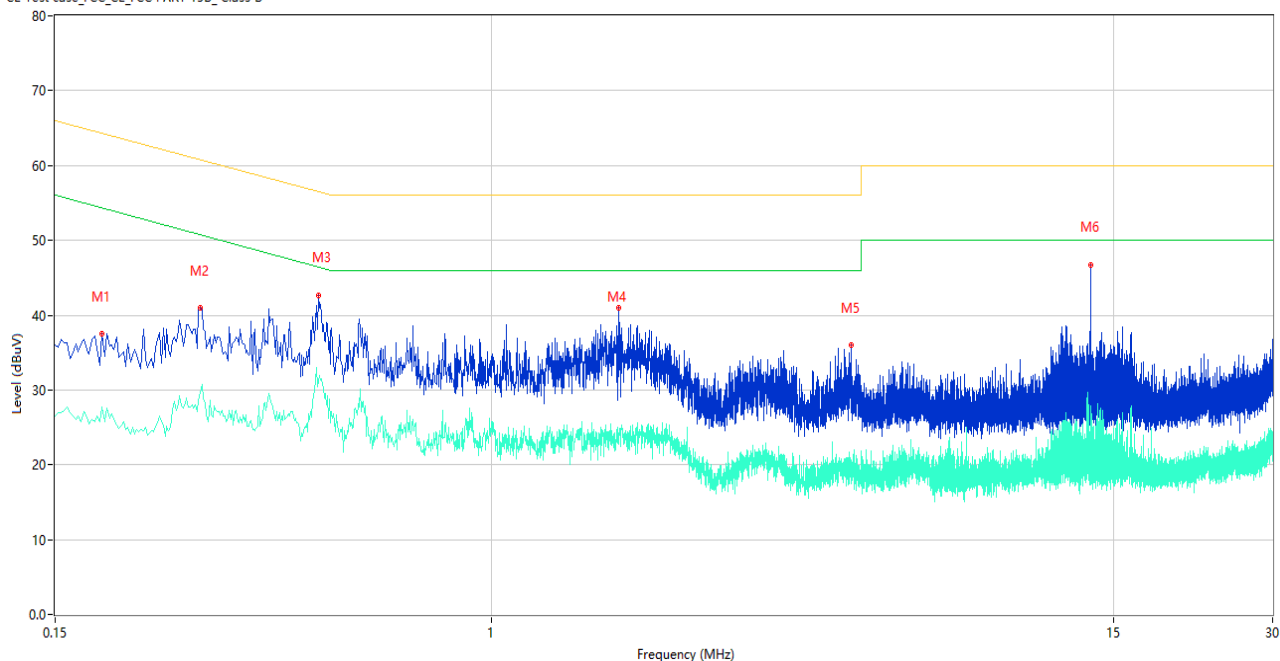
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.190	38.25	10.06	64.04	25.79	Peak	L	Pass
1**	0.190	26.01	10.06	54.04	28.03	AV	L	Pass
2	0.282	41.34	10.06	60.76	19.42	Peak	L	Pass
2**	0.282	28.45	10.06	50.76	22.31	AV	L	Pass
3	0.492	42.39	10.38	56.13	13.74	Peak	L	Pass
3**	0.492	26.84	10.38	46.13	19.29	AV	L	Pass
4	1.728	40.35	10.52	56.00	15.65	Peak	L	Pass
4**	1.728	23.57	10.52	46.00	22.43	AV	L	Pass
5	6.498	33.64	11.03	60.00	26.36	Peak	L	Pass
5**	6.498	20.21	11.03	50.00	29.79	AV	L	Pass
6	13.584	39.51	12.46	60.00	20.49	Peak	L	Pass
6**	13.584	20.84	12.46	50.00	29.16	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.184	37.54	10.06	64.30	26.76	Peak	N	Pass
1**	0.184	27.68	10.06	54.30	26.62	AV	N	Pass
2	0.282	40.98	10.06	60.76	19.78	Peak	N	Pass
2**	0.282	29.71	10.06	50.76	21.05	AV	N	Pass
3	0.472	42.59	10.47	56.48	13.89	Peak	N	Pass
3**	0.472	31.04	10.47	46.48	15.44	AV	N	Pass
4	1.746	40.97	10.56	56.00	15.03	Peak	N	Pass
4**	1.746	23.26	10.56	46.00	22.74	AV	N	Pass
5	4.786	36.02	10.79	56.00	19.98	Peak	N	Pass
5**	4.786	20.23	10.79	46.00	25.77	AV	N	Pass
6	13.568	46.77	12.39	60.00	13.23	Peak	N	Pass
6**	13.568	26.97	12.39	50.00	23.03	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.

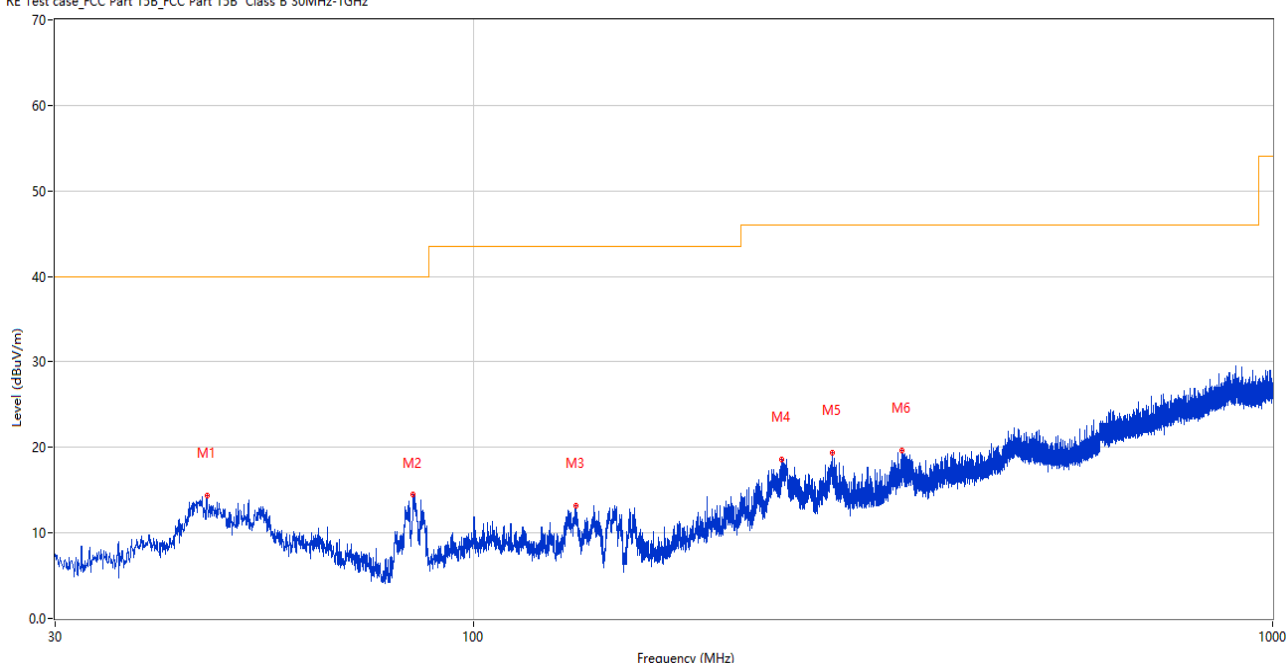
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

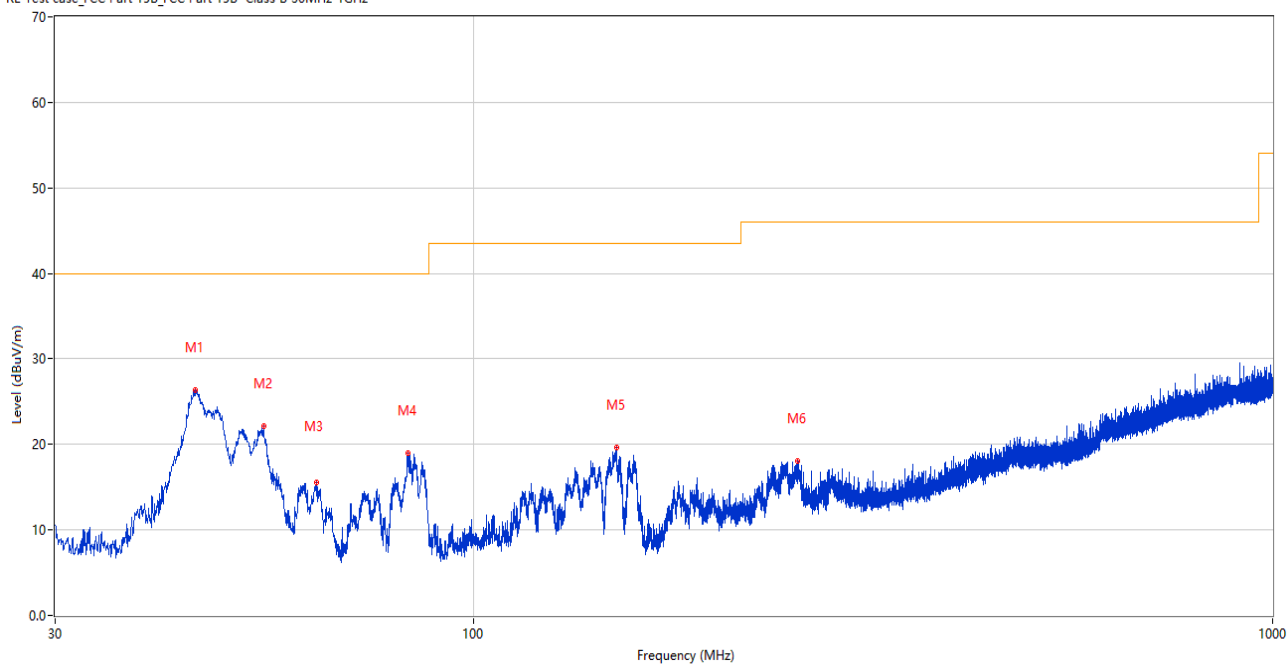
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	46.441	14.37	-25.56	40.0	25.63	Peak	90.00	100	Horizontal	Pass
2	84.174	14.53	-30.08	40.0	25.47	Peak	1.00	200	Horizontal	Pass
3	134.420	13.20	-29.96	43.5	30.30	Peak	259.00	200	Horizontal	Pass
4	242.915	18.57	-25.01	46.0	27.43	Peak	106.00	100	Horizontal	Pass
5	281.036	19.33	-24.13	46.0	26.67	Peak	89.00	100	Horizontal	Pass
6	343.407	19.67	-22.14	46.0	26.33	Peak	57.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	44.889	26.38	-25.58	40.0	13.62	Peak	286.00	100	Vertical	Pass
2	54.687	22.12	-25.67	40.0	17.88	Peak	199.00	100	Vertical	Pass
3	63.756	15.61	-27.22	40.0	24.39	Peak	225.00	100	Vertical	Pass
4	82.962	18.97	-30.46	40.0	21.03	Peak	164.00	100	Vertical	Pass
5	151.056	19.64	-30.10	43.5	23.86	Peak	360.00	100	Vertical	Pass
6	254.506	18.06	-24.67	46.0	27.94	Peak	35.00	100	Vertical	Pass

Note 1: The marked "N/A" spikes near 5150MHz-5850MHz MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious from 18GHz to 40GHz is noise only, do not show on the 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	1527.000	38.70	-17.04	74.0	35.30	Peak	332.00	300	Horizontal	Pass
1**	1527.000	28.49	-17.04	54.0	25.51	AV	332.00	300	Horizontal	Pass
2	4233.750	46.54	-5.03	74.0	27.46	Peak	326.00	200	Horizontal	Pass
2**	4233.750	36.91	-5.03	54.0	17.09	AV	326.00	200	Horizontal	Pass
3	5181.000	101.98	-2.37	--	--	Peak	148.00	100	Horizontal	N/A
3**	5181.000	94.84	-2.37	--	--	AV	148.00	100	Horizontal	N/A
4	7718.500	54.05	0.81	74.0	19.95	Peak	299.00	300	Horizontal	Pass
4**	7718.500	44.07	0.81	54.0	9.93	AV	299.00	300	Horizontal	Pass
5	11997.600	52.72	0.42	74.0	21.28	Peak	21.00	100	Horizontal	Pass
5**	11997.600	42.83	0.42	54.0	11.17	AV	21.00	100	Horizontal	Pass
6	15917.587	55.21	1.72	74.0	18.79	Peak	62.00	200	Horizontal	Pass
6**	15917.587	45.42	1.72	54.0	8.58	AV	62.00	200	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	1574.900	38.41	-16.78	74.0	35.59	Peak	87.00	200	Vertical	Pass
1**	1574.900	29.29	-16.78	54.0	24.71	AV	87.00	200	Vertical	Pass
2	4254.000	47.18	-4.29	74.0	26.82	Peak	58.00	400	Vertical	Pass
2**	4254.000	37.70	-4.29	54.0	16.30	AV	58.00	400	Vertical	Pass
3	5181.250	98.04	-2.31	--	--	Peak	160.00	100	Vertical	N/A
3**	5181.250	90.52	-2.31	--	--	AV	160.00	100	Vertical	N/A
4	7419.250	53.62	1.23	74.0	20.38	Peak	99.00	100	Vertical	Pass
4**	7419.250	44.82	1.23	54.0	9.18	AV	99.00	100	Vertical	Pass
5	11806.888	52.76	-0.22	74.0	21.24	Peak	177.00	200	Vertical	Pass
5**	11806.888	43.35	-0.22	54.0	10.65	AV	177.00	200	Vertical	Pass
6	16097.138	54.59	1.71	74.0	19.41	Peak	197.00	100	Vertical	Pass
6**	16097.138	45.52	1.71	54.0	8.48	AV	197.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1619.500	38.13	-17.10	74.0	35.87	Peak	5.00	200	Horizontal	Pass
1**	1619.500	29.07	-17.10	54.0	24.93	AV	5.00	200	Horizontal	Pass
2	4268.750	46.77	-5.20	74.0	27.23	Peak	360.00	100	Horizontal	Pass
2**	4268.750	36.95	-5.20	54.0	17.05	AV	360.00	100	Horizontal	Pass
3	5218.250	103.54	-2.79	--	--	Peak	116.00	200	Horizontal	N/A
3**	5218.250	95.43	-2.79	--	--	AV	116.00	200	Horizontal	N/A
4	7686.750	53.01	1.11	74.0	20.99	Peak	196.00	400	Horizontal	Pass
4**	7686.750	44.65	1.11	54.0	9.35	AV	196.00	400	Horizontal	Pass
5	12220.613	53.06	0.69	74.0	20.94	Peak	23.00	200	Horizontal	Pass
5**	12220.613	42.88	0.69	54.0	11.12	AV	23.00	200	Horizontal	Pass
6	15681.863	55.38	1.80	74.0	18.62	Peak	360.00	200	Horizontal	Pass
6**	15681.863	45.35	1.80	54.0	8.65	AV	360.00	200	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	1532.000	38.53	-16.93	74.0	35.47	Peak	283.00	400	Vertical	Pass
1**	1532.000	28.80	-16.93	54.0	25.20	AV	283.00	400	Vertical	Pass
2	4236.500	47.46	-5.20	74.0	26.54	Peak	45.00	300	Vertical	Pass
2**	4236.500	36.59	-5.20	54.0	17.41	AV	45.00	300	Vertical	Pass
3	5221.750	99.68	-3.08	--	--	Peak	360.00	200	Vertical	N/A
3**	5221.750	92.28	-3.08	--	--	AV	360.00	200	Vertical	N/A
4	7709.000	53.56	1.89	74.0	20.44	Peak	108.00	400	Vertical	Pass
4**	7709.000	45.50	1.89	54.0	8.50	AV	108.00	400	Vertical	Pass
5	12254.338	52.46	1.06	74.0	21.54	Peak	112.00	100	Vertical	Pass
5**	12254.338	44.22	1.06	54.0	9.78	AV	112.00	100	Vertical	Pass
6	15900.526	55.32	2.02	74.0	18.68	Peak	96.00	100	Vertical	Pass
6**	15900.526	46.14	2.02	54.0	7.86	AV	96.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.400	38.49	-17.01	74.0	35.51	Peak	360.00	200	Horizontal	Pass
1**	1514.400	29.12	-17.01	54.0	24.88	AV	360.00	200	Horizontal	Pass
2	4351.500	46.88	-4.51	74.0	27.12	Peak	0.00	100	Horizontal	Pass
2**	4351.500	37.78	-4.51	54.0	16.22	AV	0.00	100	Horizontal	Pass
3	5238.750	102.87	-2.91	--	--	Peak	203.00	200	Horizontal	N/A
3**	5238.750	95.51	-2.91	--	--	AV	203.00	200	Horizontal	N/A
4	7709.250	54.02	1.90	74.0	19.98	Peak	162.00	200	Horizontal	Pass
4**	7709.250	44.93	1.90	54.0	9.07	AV	162.00	200	Horizontal	Pass
5	11716.163	53.16	-0.41	74.0	20.84	Peak	249.00	150	Horizontal	Pass
5**	11716.163	43.44	-0.41	54.0	10.56	AV	249.00	150	Horizontal	Pass
6	16167.487	55.02	2.03	74.0	18.98	Peak	334.00	300	Horizontal	Pass
6**	16167.487	44.78	2.03	54.0	9.22	AV	334.00	300	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	1607.700	38.85	-17.01	74.0	35.15	Peak	244.00	300	Vertical	Pass
1**	1607.700	29.09	-17.01	54.0	24.91	AV	244.00	300	Vertical	Pass
2	4080.500	47.08	-5.48	74.0	26.92	Peak	304.00	200	Vertical	Pass
2**	4080.500	37.72	-5.48	54.0	16.28	AV	304.00	200	Vertical	Pass
3	5238.500	98.56	-3.00	--	--	Peak	41.00	150	Vertical	N/A
3**	5238.500	91.75	-3.00	--	--	AV	41.00	150	Vertical	N/A
4	7428.500	53.22	1.05	74.0	20.78	Peak	360.00	200	Vertical	Pass
4**	7428.500	44.50	1.05	54.0	9.50	AV	360.00	200	Vertical	Pass
5	11709.038	52.70	-0.46	74.0	21.30	Peak	237.00	150	Vertical	Pass
5**	11709.038	43.80	-0.46	54.0	10.20	AV	237.00	150	Vertical	Pass
6	15906.300	54.97	1.92	74.0	19.03	Peak	240.00	300	Vertical	Pass
6**	15906.300	45.60	1.92	54.0	8.40	AV	240.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.400	38.28	-17.13	74.0	35.72	Peak	360.00	200	Horizontal	Pass
1**	1527.400	28.86	-17.13	54.0	25.14	AV	360.00	200	Horizontal	Pass
2	4253.750	47.11	-4.20	74.0	26.89	Peak	251.00	400	Horizontal	Pass
2**	4253.750	38.39	-4.20	54.0	15.61	AV	251.00	400	Horizontal	Pass
3	5181.500	102.14	-2.37	--	--	Peak	158.00	100	Horizontal	N/A
3**	5181.500	94.93	-2.37	--	--	AV	158.00	100	Horizontal	N/A
4	7483.750	53.10	0.98	74.0	20.90	Peak	275.00	100	Horizontal	Pass
4**	7483.750	44.01	0.98	54.0	9.99	AV	275.00	100	Horizontal	Pass
5	12466.187	52.75	1.17	74.0	21.25	Peak	0.00	150	Horizontal	Pass
5**	12466.187	42.90	1.17	54.0	11.10	AV	0.00	150	Horizontal	Pass
6	16106.849	55.02	1.81	74.0	18.98	Peak	282.00	200	Horizontal	Pass
6**	16106.849	44.93	1.81	54.0	9.07	AV	282.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1519.200	39.11	-17.26	74.0	34.89	Peak	109.00	200	Vertical	Pass
1**	1519.200	28.45	-17.26	54.0	25.55	AV	109.00	200	Vertical	Pass
2	4242.000	46.79	-4.82	74.0	27.21	Peak	248.00	200	Vertical	Pass
2**	4242.000	37.20	-4.82	54.0	16.80	AV	248.00	200	Vertical	Pass
3	5182.250	97.95	-2.35	--	--	Peak	179.00	100	Vertical	N/A
3**	5182.250	90.61	-2.35	--	--	AV	179.00	100	Vertical	N/A
4	7709.500	54.06	1.88	74.0	19.94	Peak	318.00	300	Vertical	Pass
4**	7709.500	44.21	1.88	54.0	9.79	AV	318.00	300	Vertical	Pass
5	11760.812	52.79	-0.18	74.0	21.21	Peak	0.00	100	Vertical	Pass
5**	11760.812	43.38	-0.18	54.0	10.62	AV	0.00	100	Vertical	Pass
6	16151.213	55.32	2.14	74.0	18.68	Peak	108.00	200	Vertical	Pass
6**	16151.213	45.56	2.14	54.0	8.44	AV	108.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1537.000	38.81	-17.37	74.0	35.19	Peak	319.00	200	Horizontal	Pass
1**	1537.000	29.06	-17.37	54.0	24.94	AV	319.00	200	Horizontal	Pass
2	4242.000	47.18	-4.82	74.0	26.82	Peak	340.00	300	Horizontal	Pass
2**	4242.000	37.53	-4.82	54.0	16.47	AV	340.00	300	Horizontal	Pass
3	5219.250	102.98	-2.86	--	--	Peak	118.00	200	Horizontal	N/A
3**	5219.250	96.00	-2.86	--	--	AV	118.00	200	Horizontal	N/A
4	7345.750	53.65	-0.07	74.0	20.35	Peak	118.00	100	Horizontal	Pass
4**	7345.750	43.67	-0.07	54.0	10.33	AV	118.00	100	Horizontal	Pass
5	11683.387	52.34	-0.79	74.0	21.66	Peak	244.00	150	Horizontal	Pass
5**	11683.387	42.60	-0.79	54.0	11.40	AV	244.00	150	Horizontal	Pass
6	16095.300	54.53	1.69	74.0	19.47	Peak	274.00	400	Horizontal	Pass
6**	16095.300	45.57	1.69	54.0	8.43	AV	274.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.900	38.40	-17.31	74.0	35.60	Peak	93.00	400	Vertical	Pass
1**	1523.900	29.22	-17.31	54.0	24.78	AV	93.00	400	Vertical	Pass
2	4360.750	46.78	-4.90	74.0	27.22	Peak	218.00	200	Vertical	Pass
2**	4360.750	36.66	-4.90	54.0	17.34	AV	218.00	200	Vertical	Pass
3	5222.000	99.57	-2.99	--	--	Peak	360.00	100	Vertical	N/A
3**	5222.000	92.18	-2.99	--	--	AV	360.00	100	Vertical	N/A
4	7647.500	54.38	0.94	74.0	19.62	Peak	299.00	200	Vertical	Pass
4**	7647.500	43.64	0.94	54.0	10.36	AV	299.00	200	Vertical	Pass
5	11798.575	53.09	-0.15	74.0	20.91	Peak	141.00	200	Vertical	Pass
5**	11798.575	43.46	-0.15	54.0	10.54	AV	141.00	200	Vertical	Pass
6	16140.450	54.30	2.08	74.0	19.70	Peak	77.00	200	Vertical	Pass
6**	16140.450	44.36	2.08	54.0	9.64	AV	77.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.500	38.58	-16.89	74.0	35.42	Peak	28.00	400	Horizontal	Pass
1**	1484.500	30.40	-16.89	54.0	23.60	AV	28.00	400	Horizontal	Pass
2	3986.250	47.24	-5.89	74.0	26.76	Peak	312.00	400	Horizontal	Pass
2**	3986.250	37.23	-5.89	54.0	16.77	AV	312.00	400	Horizontal	Pass
3	5238.000	102.56	-3.05	--	--	Peak	190.00	150	Horizontal	N/A
3**	5238.000	94.83	-3.05	--	--	AV	190.00	150	Horizontal	N/A
4	7420.000	53.31	1.50	74.0	20.69	Peak	360.00	300	Horizontal	Pass
4**	7420.000	44.68	1.50	54.0	9.32	AV	360.00	300	Horizontal	Pass
5	11768.412	52.97	-0.18	74.0	21.03	Peak	69.00	100	Horizontal	Pass
5**	11768.412	44.14	-0.18	54.0	9.86	AV	69.00	100	Horizontal	Pass
6	15903.150	55.03	1.97	74.0	18.97	Peak	262.00	100	Horizontal	Pass
6**	15903.150	45.92	1.97	54.0	8.08	AV	262.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1616.900	39.02	-17.04	74.0	34.98	Peak	27.00	100	Vertical	Pass
1**	1616.900	28.94	-17.04	54.0	25.06	AV	27.00	100	Vertical	Pass
2	4303.500	47.31	-5.23	74.0	26.69	Peak	19.00	200	Vertical	Pass
2**	4303.500	38.19	-5.23	54.0	15.81	AV	19.00	200	Vertical	Pass
3	5238.750	98.43	-2.91	--	--	Peak	162.00	150	Vertical	N/A
3**	5238.750	92.40	-2.91	--	--	AV	162.00	150	Vertical	N/A
4	7430.000	53.71	1.05	74.0	20.29	Peak	90.00	200	Vertical	Pass
4**	7430.000	45.16	1.05	54.0	8.84	AV	90.00	200	Vertical	Pass
5	11788.838	52.91	-0.16	74.0	21.09	Peak	0.00	150	Vertical	Pass
5**	11788.838	43.84	-0.16	54.0	10.16	AV	0.00	150	Vertical	Pass
6	15684.225	54.60	1.77	74.0	19.40	Peak	140.00	400	Vertical	Pass
6**	15684.225	45.36	1.77	54.0	8.64	AV	140.00	400	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	1601.600	38.42	-16.83	74.0	35.58	Peak	190.00	400	Horizontal	Pass
1**	1601.600	29.40	-16.83	54.0	24.60	AV	190.00	400	Horizontal	Pass
2	4380.500	47.07	-5.13	74.0	26.93	Peak	261.00	200	Horizontal	Pass
2**	4380.500	37.97	-5.13	54.0	16.03	AV	261.00	200	Horizontal	Pass
3	5192.000	98.72	-2.71	--	--	Peak	118.00	150	Horizontal	N/A
3**	5192.000	91.14	-2.71	--	--	AV	118.00	150	Horizontal	N/A
4	7705.000	54.47	2.03	74.0	19.53	Peak	179.00	200	Horizontal	Pass
4**	7705.000	44.70	2.03	54.0	9.30	AV	179.00	200	Horizontal	Pass
5	11773.400	52.31	-0.17	74.0	21.69	Peak	78.00	200	Horizontal	Pass
5**	11773.400	44.05	-0.17	54.0	9.95	AV	78.00	200	Horizontal	Pass
6	16117.349	54.66	1.89	74.0	19.34	Peak	329.00	400	Horizontal	Pass
6**	16117.349	45.30	1.89	54.0	8.70	AV	329.00	400	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	1613.000	38.54	-16.60	74.0	35.46	Peak	164.00	200	Vertical	Pass
1**	1613.000	29.70	-16.60	54.0	24.30	AV	164.00	200	Vertical	Pass
2	4155.500	46.94	-5.51	74.0	27.06	Peak	339.00	300	Vertical	Pass
2**	4155.500	37.78	-5.51	54.0	16.22	AV	339.00	300	Vertical	Pass
3	5187.500	95.48	-2.55	--	--	Peak	0.00	150	Vertical	N/A
3**	5187.500	88.56	-2.55	--	--	AV	0.00	150	Vertical	N/A
4	7702.000	53.27	1.48	74.0	20.73	Peak	84.00	300	Vertical	Pass
4**	7702.000	44.49	1.48	54.0	9.51	AV	84.00	300	Vertical	Pass
5	12450.750	52.70	1.04	74.0	21.30	Peak	215.00	150	Vertical	Pass
5**	12450.750	44.35	1.04	54.0	9.65	AV	215.00	150	Vertical	Pass
6	15897.900	55.44	2.01	74.0	18.56	Peak	168.00	400	Vertical	Pass
6**	15897.900	46.12	2.01	54.0	7.88	AV	168.00	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	1511.600	38.88	-16.77	74.0	35.12	Peak	171.00	400	Horizontal	Pass
1**	1511.600	29.22	-16.77	54.0	24.78	AV	171.00	400	Horizontal	Pass
2	4331.750	46.83	-4.61	74.0	27.17	Peak	228.00	100	Horizontal	Pass
2**	4331.750	37.81	-4.61	54.0	16.19	AV	228.00	100	Horizontal	Pass
3	5232.250	99.33	-2.99	--	--	Peak	145.00	150	Horizontal	N/A
3**	5232.250	92.00	-2.99	--	--	AV	145.00	150	Horizontal	N/A
4	7672.000	54.08	0.80	74.0	19.92	Peak	360.00	300	Horizontal	Pass
4**	7672.000	44.71	0.80	54.0	9.29	AV	360.00	300	Horizontal	Pass
5	12516.300	53.60	1.34	74.0	20.40	Peak	40.00	100	Horizontal	Pass
5**	12516.300	43.55	1.34	54.0	10.45	AV	40.00	100	Horizontal	Pass
6	15912.600	54.98	1.81	74.0	19.02	Peak	118.00	200	Horizontal	Pass
6**	15912.600	45.19	1.81	54.0	8.81	AV	118.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.500	38.30	-16.90	74.0	35.70	Peak	240.00	300	Vertical	Pass
1**	1621.500	29.09	-16.90	54.0	24.91	AV	240.00	300	Vertical	Pass
2	4245.250	46.94	-4.33	74.0	27.06	Peak	254.00	400	Vertical	Pass
2**	4245.250	37.86	-4.33	54.0	16.14	AV	254.00	400	Vertical	Pass
3	5232.500	97.47	-3.02	--	--	Peak	360.00	100	Vertical	N/A
3**	5232.500	90.37	-3.02	--	--	AV	360.00	100	Vertical	N/A
4	7707.750	54.01	1.53	74.0	19.99	Peak	118.00	400	Vertical	Pass
4**	7707.750	44.64	1.53	54.0	9.36	AV	118.00	400	Vertical	Pass
5	11793.588	53.20	-0.15	74.0	20.80	Peak	244.00	200	Vertical	Pass
5**	11793.588	43.52	-0.15	54.0	10.48	AV	244.00	200	Vertical	Pass
6	15928.088	55.18	1.54	74.0	18.82	Peak	31.00	100	Vertical	Pass
6**	15928.088	45.06	1.54	54.0	8.94	AV	31.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.300	38.31	-17.01	74.0	35.69	Peak	72.00	200	Horizontal	Pass
1**	1481.300	28.62	-17.01	54.0	25.38	AV	72.00	200	Horizontal	Pass
2	4246.500	46.64	-4.30	74.0	27.36	Peak	294.00	200	Horizontal	Pass
2**	4246.500	37.68	-4.30	54.0	16.32	AV	294.00	200	Horizontal	Pass
3	5182.250	102.02	-2.35	--	--	Peak	140.00	200	Horizontal	N/A
3**	5182.250	94.67	-2.35	--	--	AV	140.00	200	Horizontal	N/A
4	7685.000	53.66	0.95	74.0	20.34	Peak	319.00	300	Horizontal	Pass
4**	7685.000	43.98	0.95	54.0	10.02	AV	319.00	300	Horizontal	Pass
5	12518.912	52.69	1.33	74.0	21.31	Peak	280.00	100	Horizontal	Pass
5**	12518.912	43.22	1.33	54.0	10.78	AV	280.00	100	Horizontal	Pass
6	15749.063	54.72	1.24	74.0	19.28	Peak	241.00	200	Horizontal	Pass
6**	15749.063	43.62	1.24	54.0	10.38	AV	241.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1440.700	38.17	-16.87	74.0	35.83	Peak	34.00	200	Vertical	Pass
1**	1440.700	29.64	-16.87	54.0	24.36	AV	34.00	200	Vertical	Pass
2	4385.000	47.80	-5.14	74.0	26.20	Peak	360.00	200	Vertical	Pass
2**	4385.000	36.81	-5.14	54.0	17.19	AV	360.00	200	Vertical	Pass
3	5181.000	97.70	-2.37	--	--	Peak	158.00	200	Vertical	N/A
3**	5181.000	90.65	-2.37	--	--	AV	158.00	200	Vertical	N/A
4	7475.500	53.21	0.72	74.0	20.79	Peak	218.00	200	Vertical	Pass
4**	7475.500	44.04	0.72	54.0	9.96	AV	218.00	200	Vertical	Pass
5	12001.162	52.66	0.45	74.0	21.34	Peak	360.00	200	Vertical	Pass
5**	12001.162	43.37	0.45	54.0	10.63	AV	360.00	200	Vertical	Pass
6	16114.987	54.30	1.87	74.0	19.70	Peak	35.00	300	Vertical	Pass
6**	16114.987	46.34	1.87	54.0	7.66	AV	35.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.600	38.27	-17.09	74.0	35.73	Peak	32.00	400	Horizontal	Pass
1**	1524.600	28.66	-17.09	54.0	25.34	AV	32.00	400	Horizontal	Pass
2	4079.750	46.78	-5.34	74.0	27.22	Peak	260.00	400	Horizontal	Pass
2**	4079.750	36.91	-5.34	54.0	17.09	AV	260.00	400	Horizontal	Pass
3	5219.000	103.27	-2.84	--	--	Peak	116.00	100	Horizontal	N/A
3**	5219.000	95.81	-2.84	--	--	AV	116.00	100	Horizontal	N/A
4	7729.500	53.75	0.82	74.0	20.25	Peak	360.00	100	Horizontal	Pass
4**	7729.500	44.56	0.82	54.0	9.44	AV	360.00	100	Horizontal	Pass
5	11753.925	53.30	-0.19	74.0	20.70	Peak	356.00	200	Horizontal	Pass
5**	11753.925	43.22	-0.19	54.0	10.78	AV	356.00	200	Horizontal	Pass
6	15901.050	54.55	2.01	74.0	19.45	Peak	331.00	200	Horizontal	Pass
6**	15901.050	45.67	2.01	54.0	8.33	AV	331.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.700	38.43	-16.50	74.0	35.57	Peak	90.00	400	Vertical	Pass
1**	1592.700	29.44	-16.50	54.0	24.56	AV	90.00	400	Vertical	Pass
2	4129.000	47.07	-5.32	74.0	26.93	Peak	199.00	200	Vertical	Pass
2**	4129.000	37.79	-5.32	54.0	16.21	AV	199.00	200	Vertical	Pass
3	5221.750	99.54	-3.08	--	--	Peak	178.00	150	Vertical	N/A
3**	5221.750	92.16	-3.08	--	--	AV	178.00	150	Vertical	N/A
4	7409.750	53.73	0.63	74.0	20.27	Peak	360.00	300	Vertical	Pass
4**	7409.750	44.14	0.63	54.0	9.86	AV	360.00	300	Vertical	Pass
5	11797.151	52.58	-0.15	74.0	21.42	Peak	57.00	150	Vertical	Pass
5**	11797.151	43.06	-0.15	54.0	10.94	AV	57.00	150	Vertical	Pass
6	15687.900	54.64	1.73	74.0	19.36	Peak	34.00	400	Vertical	Pass
6**	15687.900	45.12	1.73	54.0	8.88	AV	34.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.900	38.76	-17.01	74.0	35.24	Peak	0.00	400	Horizontal	Pass
1**	1441.900	28.98	-17.01	54.0	25.02	AV	0.00	400	Horizontal	Pass
2	4291.000	46.83	-4.53	74.0	27.17	Peak	67.00	300	Horizontal	Pass
2**	4291.000	38.14	-4.53	54.0	15.86	AV	67.00	300	Horizontal	Pass
3	5238.000	102.55	-3.05	--	--	Peak	114.00	150	Horizontal	N/A
3**	5238.000	95.09	-3.05	--	--	AV	114.00	150	Horizontal	N/A
4	7710.750	53.22	1.87	74.0	20.78	Peak	138.00	300	Horizontal	Pass
4**	7710.750	45.01	1.87	54.0	8.99	AV	138.00	300	Horizontal	Pass
5	12262.651	52.69	0.97	74.0	21.31	Peak	175.00	200	Horizontal	Pass
5**	12262.651	43.25	0.97	54.0	10.75	AV	175.00	200	Horizontal	Pass
6	16102.388	55.14	1.77	74.0	18.86	Peak	111.00	200	Horizontal	Pass
6**	16102.388	45.39	1.77	54.0	8.61	AV	111.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.200	38.39	-16.77	74.0	35.61	Peak	190.00	100	Vertical	Pass
1**	1626.200	29.24	-16.77	54.0	24.76	AV	190.00	100	Vertical	Pass
2	4256.750	47.32	-4.12	74.0	26.68	Peak	179.00	200	Vertical	Pass
2**	4256.750	38.46	-4.12	54.0	15.54	AV	179.00	200	Vertical	Pass
3	5238.750	99.11	-2.91	--	--	Peak	36.00	200	Vertical	N/A
3**	5238.750	91.47	-2.91	--	--	AV	36.00	200	Vertical	N/A
4	7712.250	53.27	1.81	74.0	20.73	Peak	58.00	400	Vertical	Pass
4**	7712.250	45.12	1.81	54.0	8.88	AV	58.00	400	Vertical	Pass
5	11684.338	53.56	-0.78	74.0	20.44	Peak	162.00	150	Vertical	Pass
5**	11684.338	42.50	-0.78	54.0	11.50	AV	162.00	150	Vertical	Pass
6	15709.688	54.53	1.53	74.0	19.47	Peak	94.00	400	Vertical	Pass
6**	15709.688	44.60	1.53	54.0	9.40	AV	94.00	400	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	1527.100	38.20	-17.06	74.0	35.80	Peak	16.00	200	Horizontal	Pass
1**	1527.100	29.48	-17.06	54.0	24.52	AV	16.00	200	Horizontal	Pass
2	4240.750	47.28	-4.82	74.0	26.72	Peak	360.00	100	Horizontal	Pass
2**	4240.750	38.34	-4.82	54.0	15.66	AV	360.00	100	Horizontal	Pass
3	5192.500	98.98	-2.75	--	--	Peak	21.00	100	Horizontal	N/A
3**	5192.500	91.04	-2.75	--	--	AV	21.00	100	Horizontal	N/A
4	7714.000	53.46	1.69	74.0	20.54	Peak	303.00	300	Horizontal	Pass
4**	7714.000	44.66	1.69	54.0	9.34	AV	303.00	300	Horizontal	Pass
5	12278.088	52.82	0.80	74.0	21.18	Peak	222.00	100	Horizontal	Pass
5**	12278.088	42.97	0.80	54.0	11.03	AV	222.00	100	Horizontal	Pass
6	16094.250	55.46	1.67	74.0	18.54	Peak	217.00	400	Horizontal	Pass
6**	16094.250	45.52	1.67	54.0	8.48	AV	217.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.700	38.87	-16.95	74.0	35.13	Peak	271.00	300	Vertical	Pass
1**	1485.700	29.19	-16.95	54.0	24.81	AV	271.00	300	Vertical	Pass
2	4325.000	47.42	-4.89	74.0	26.58	Peak	196.00	300	Vertical	Pass
2**	4325.000	37.77	-4.89	54.0	16.23	AV	196.00	300	Vertical	Pass
3	5187.000	95.60	-2.68	--	--	Peak	360.00	100	Vertical	N/A
3**	5187.000	88.41	-2.68	--	--	AV	360.00	100	Vertical	N/A
4	7645.000	53.76	1.04	74.0	20.24	Peak	328.00	200	Vertical	Pass
4**	7645.000	44.28	1.04	54.0	9.72	AV	328.00	200	Vertical	Pass
5	12014.224	52.67	0.28	74.0	21.33	Peak	202.00	150	Vertical	Pass
5**	12014.224	42.91	0.28	54.0	11.09	AV	202.00	150	Vertical	Pass
6	16086.375	55.80	1.57	74.0	18.20	Peak	360.00	100	Vertical	Pass
6**	16086.375	46.18	1.57	54.0	7.82	AV	360.00	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	1539.800	38.27	-17.32	74.0	35.73	Peak	332.00	200	Horizontal	Pass
1**	1539.800	28.67	-17.32	54.0	25.33	AV	332.00	200	Horizontal	Pass
2	4323.000	47.56	-4.83	74.0	26.44	Peak	264.00	300	Horizontal	Pass
2**	4323.000	38.33	-4.83	54.0	15.67	AV	264.00	300	Horizontal	Pass
3	5234.250	99.13	-2.83	--	--	Peak	183.00	100	Horizontal	N/A
3**	5234.250	91.71	-2.83	--	--	AV	183.00	100	Horizontal	N/A
4	7683.500	53.97	0.84	74.0	20.03	Peak	121.00	400	Horizontal	Pass
4**	7683.500	44.38	0.84	54.0	9.62	AV	121.00	400	Horizontal	Pass
5	11746.800	52.57	-0.22	74.0	21.43	Peak	210.00	150	Horizontal	Pass
5**	11746.800	43.12	-0.22	54.0	10.88	AV	210.00	150	Horizontal	Pass
6	16099.237	54.73	1.74	74.0	19.27	Peak	84.00	400	Horizontal	Pass
6**	16099.237	45.49	1.74	54.0	8.51	AV	84.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.900	38.73	-16.95	74.0	35.27	Peak	288.00	200	Vertical	Pass
1**	1487.900	28.91	-16.95	54.0	25.09	AV	288.00	200	Vertical	Pass
2	4260.500	47.06	-4.43	74.0	26.94	Peak	184.00	200	Vertical	Pass
2**	4260.500	37.97	-4.43	54.0	16.03	AV	184.00	200	Vertical	Pass
3	5232.250	97.87	-2.99	--	--	Peak	0.00	200	Vertical	N/A
3**	5232.250	90.29	-2.99	--	--	AV	0.00	200	Vertical	N/A
4	7697.500	54.19	0.99	74.0	19.81	Peak	225.00	100	Vertical	Pass
4**	7697.500	44.44	0.99	54.0	9.56	AV	225.00	100	Vertical	Pass
5	12200.662	52.86	0.41	74.0	21.14	Peak	32.00	100	Vertical	Pass
5**	12200.662	43.81	0.41	54.0	10.19	AV	32.00	100	Vertical	Pass
6	16127.325	54.55	1.97	74.0	19.45	Peak	60.00	200	Vertical	Pass
6**	16127.325	45.71	1.97	54.0	8.29	AV	60.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1615.000	38.90	-17.15	74.0	35.10	Peak	74.00	300	Horizontal	Pass
1**	1615.000	28.21	-17.15	54.0	25.79	AV	74.00	300	Horizontal	Pass
2	4305.500	47.02	-5.12	74.0	26.98	Peak	354.00	100	Horizontal	Pass
2**	4305.500	38.10	-5.12	54.0	15.90	AV	354.00	100	Horizontal	Pass
3	5216.250	95.58	-2.68	--	--	Peak	41.00	200	Horizontal	N/A
3**	5216.250	87.66	-2.68	--	--	AV	41.00	200	Horizontal	N/A
4	7711.750	53.62	2.04	74.0	20.38	Peak	211.00	100	Horizontal	Pass
4**	7711.750	46.09	2.04	54.0	7.91	AV	211.00	100	Horizontal	Pass
5	11794.300	52.88	-0.15	74.0	21.12	Peak	71.00	100	Horizontal	Pass
5**	11794.300	43.92	-0.15	54.0	10.08	AV	71.00	100	Horizontal	Pass
6	16138.875	55.36	2.06	74.0	18.64	Peak	275.00	300	Horizontal	Pass
6**	16138.875	45.65	2.06	54.0	8.35	AV	275.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.800	38.55	-16.89	74.0	35.45	Peak	325.00	300	Vertical	Pass
1**	1602.800	29.83	-16.89	54.0	24.17	AV	325.00	300	Vertical	Pass
2	4174.500	46.64	-5.52	74.0	27.36	Peak	189.00	100	Vertical	Pass
2**	4174.500	37.77	-5.52	54.0	16.23	AV	189.00	100	Vertical	Pass
3	5207.250	92.35	-2.30	--	--	Peak	360.00	150	Vertical	N/A
3**	5207.250	84.44	-2.30	--	--	AV	360.00	150	Vertical	N/A
4	7489.750	54.09	1.34	74.0	19.91	Peak	189.00	400	Vertical	Pass
4**	7489.750	43.81	1.34	54.0	10.19	AV	189.00	400	Vertical	Pass
5	11761.526	53.16	-0.18	74.0	20.84	Peak	15.00	200	Vertical	Pass
5**	11761.526	43.81	-0.18	54.0	10.19	AV	15.00	200	Vertical	Pass
6	16129.688	54.70	1.99	74.0	19.30	Peak	108.00	400	Vertical	Pass
6**	16129.688	45.42	1.99	54.0	8.58	AV	108.00	400	Vertical	Pass

11a, 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	1444.600	38.99	-17.11	74.0	35.01	Peak	237.00	100	Horizontal	Pass
1**	1444.600	29.76	-17.11	54.0	24.24	AV	237.00	100	Horizontal	Pass
2	4302.000	47.07	-5.35	74.0	26.93	Peak	360.00	400	Horizontal	Pass
2**	4302.000	37.41	-5.35	54.0	16.59	AV	360.00	400	Horizontal	Pass
3	5261.000	103.08	-3.04	--	--	Peak	104.00	200	Horizontal	N/A
3**	5261.000	96.19	-3.04	--	--	AV	104.00	200	Horizontal	N/A
4	7423.500	53.15	1.16	74.0	20.85	Peak	86.00	400	Horizontal	Pass
4**	7423.500	43.69	1.16	54.0	10.31	AV	86.00	400	Horizontal	Pass
5	12417.738	52.99	1.08	74.0	21.01	Peak	351.00	100	Horizontal	Pass
5**	12417.738	43.21	1.08	54.0	10.79	AV	351.00	100	Horizontal	Pass
6	16096.349	54.85	1.70	74.0	19.15	Peak	9.00	200	Horizontal	Pass
6**	16096.349	45.45	1.70	54.0	8.55	AV	9.00	200	Horizontal	Pass

11a, 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	1612.500	38.34	-16.78	74.0	35.66	Peak	360.00	300	Vertical	Pass
1**	1612.500	29.89	-16.78	54.0	24.11	AV	360.00	300	Vertical	Pass
2	4253.000	47.72	-4.43	74.0	26.28	Peak	16.00	100	Vertical	Pass
2**	4253.000	38.07	-4.43	54.0	15.93	AV	16.00	100	Vertical	Pass
3	5262.000	99.96	-3.06	--	--	Peak	360.00	150	Vertical	N/A
3**	5262.000	93.15	-3.06	--	--	AV	360.00	150	Vertical	N/A
4	7709.250	53.46	1.90	74.0	20.54	Peak	36.00	200	Vertical	Pass
4**	7709.250	44.82	1.90	54.0	9.18	AV	36.00	200	Vertical	Pass
5	12522.713	52.87	1.31	74.0	21.13	Peak	351.00	200	Vertical	Pass
5**	12522.713	43.04	1.31	54.0	10.96	AV	351.00	200	Vertical	Pass
6	16095.563	54.86	1.69	74.0	19.14	Peak	9.00	400	Vertical	Pass
6**	16095.563	45.30	1.69	54.0	8.70	AV	9.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	38.94	-17.09	74.0	35.06	Peak	22.00	400	Horizontal	Pass
1**	1484.900	32.40	-17.09	54.0	21.60	AV	22.00	400	Horizontal	Pass
2	4398.500	47.72	-4.97	74.0	26.28	Peak	77.00	200	Horizontal	Pass
2**	4398.500	37.92	-4.97	54.0	16.08	AV	77.00	200	Horizontal	Pass
3	5297.500	102.52	-2.72	--	--	Peak	98.00	200	Horizontal	N/A
3**	5297.500	95.06	-2.72	--	--	AV	98.00	200	Horizontal	N/A
4	7707.000	53.52	1.71	74.0	20.48	Peak	178.00	300	Horizontal	Pass
4**	7707.000	44.90	1.71	54.0	9.10	AV	178.00	300	Horizontal	Pass
5	11794.537	53.00	-0.15	74.0	21.00	Peak	0.00	150	Horizontal	Pass
5**	11794.537	43.18	-0.15	54.0	10.82	AV	0.00	150	Horizontal	Pass
6	16119.451	54.52	1.91	74.0	19.48	Peak	0.00	100	Horizontal	Pass
6**	16119.451	45.72	1.91	54.0	8.28	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.000	38.38	-16.61	74.0	35.62	Peak	30.00	100	Vertical	Pass
1**	1605.000	29.56	-16.61	54.0	24.44	AV	30.00	100	Vertical	Pass
2	4252.250	47.07	-4.32	74.0	26.93	Peak	168.00	100	Vertical	Pass
2**	4252.250	37.89	-4.32	54.0	16.11	AV	168.00	100	Vertical	Pass
3	5302.500	100.32	-2.81	--	--	Peak	0.00	150	Vertical	N/A
3**	5302.500	92.66	-2.81	--	--	AV	0.00	150	Vertical	N/A
4	7686.000	53.54	1.48	74.0	20.46	Peak	142.00	400	Vertical	Pass
4**	7686.000	44.80	1.48	54.0	9.20	AV	142.00	400	Vertical	Pass
5	12524.849	52.59	1.30	74.0	21.41	Peak	155.00	200	Vertical	Pass
5**	12524.849	43.22	1.30	54.0	10.78	AV	155.00	200	Vertical	Pass
6	15918.638	54.90	1.70	74.0	19.10	Peak	332.00	200	Vertical	Pass
6**	15918.638	44.88	1.70	54.0	9.12	AV	332.00	200	Vertical	Pass

11a, 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	1560.400	38.20	-17.34	74.0	35.80	Peak	0.00	200	Horizontal	Pass
1**	1560.400	28.77	-17.34	54.0	25.23	AV	0.00	200	Horizontal	Pass
2	4255.750	47.39	-3.94	74.0	26.61	Peak	191.00	100	Horizontal	Pass
2**	4255.750	38.69	-3.94	54.0	15.31	AV	191.00	100	Horizontal	Pass
3	5318.500	103.34	-3.13	--	--	Peak	96.00	150	Horizontal	N/A
3**	5318.500	95.78	-3.13	--	--	AV	96.00	150	Horizontal	N/A
4	7710.000	54.43	1.69	74.0	19.57	Peak	320.00	400	Horizontal	Pass
4**	7710.000	44.75	1.69	54.0	9.25	AV	320.00	400	Horizontal	Pass
5	11800.950	52.94	-0.16	74.0	21.06	Peak	162.00	150	Horizontal	Pass
5**	11800.950	43.66	-0.16	54.0	10.34	AV	162.00	150	Horizontal	Pass
6	15715.200	55.24	1.49	74.0	18.76	Peak	339.00	100	Horizontal	Pass
6**	15715.200	44.36	1.49	54.0	9.64	AV	339.00	100	Horizontal	Pass

11a, 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	1484.800	38.42	-16.98	74.0	35.58	Peak	0.00	200	Vertical	Pass
1**	1484.800	30.90	-16.98	54.0	23.10	AV	0.00	200	Vertical	Pass
2	4313.750	47.59	-5.13	74.0	26.41	Peak	286.00	200	Vertical	Pass
2**	4313.750	37.75	-5.13	54.0	16.25	AV	286.00	200	Vertical	Pass
3	5321.500	101.23	-2.68	--	--	Peak	0.00	100	Vertical	N/A
3**	5321.500	94.99	-2.68	--	--	AV	0.00	100	Vertical	N/A
4	7712.250	53.60	1.81	74.0	20.40	Peak	168.00	100	Vertical	Pass
4**	7712.250	44.88	1.81	54.0	9.12	AV	168.00	100	Vertical	Pass
5	11682.437	52.55	-0.81	74.0	21.45	Peak	354.00	150	Vertical	Pass
5**	11682.437	43.01	-0.81	54.0	10.99	AV	354.00	150	Vertical	Pass
6	16082.437	54.87	1.52	74.0	19.13	Peak	45.00	300	Vertical	Pass
6**	16082.437	45.70	1.52	54.0	8.30	AV	45.00	300	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	1554.900	38.96	-17.29	74.0	35.04	Peak	165.00	100	Horizontal	Pass
1**	1554.900	28.16	-17.29	54.0	25.84	AV	165.00	100	Horizontal	Pass
2	4208.250	49.05	-4.99	74.0	24.95	Peak	181.00	300	Horizontal	Pass
2**	4208.250	41.17	-4.99	54.0	12.83	AV	181.00	300	Horizontal	Pass
3	5258.000	102.93	-3.19	--	--	Peak	120.00	100	Horizontal	N/A
3**	5258.000	94.93	-3.19	--	--	AV	120.00	100	Horizontal	N/A
4	7705.000	54.15	2.03	74.0	19.85	Peak	140.00	200	Horizontal	Pass
4**	7705.000	44.87	2.03	54.0	9.13	AV	140.00	200	Horizontal	Pass
5	12510.599	52.90	1.38	74.0	21.10	Peak	191.00	150	Horizontal	Pass
5**	12510.599	43.12	1.38	54.0	10.88	AV	191.00	150	Horizontal	Pass
6	16110.525	55.41	1.84	74.0	18.59	Peak	227.00	300	Horizontal	Pass
6**	16110.525	45.27	1.84	54.0	8.73	AV	227.00	300	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	1540.100	38.23	-17.23	74.0	35.77	Peak	314.00	300	Vertical	Pass
1**	1540.100	28.58	-17.23	54.0	25.42	AV	314.00	300	Vertical	Pass
2	4085.000	47.68	-5.57	74.0	26.32	Peak	135.00	400	Vertical	Pass
2**	4085.000	37.57	-5.57	54.0	16.43	AV	135.00	400	Vertical	Pass
3	5258.750	99.71	-3.08	--	--	Peak	358.00	150	Vertical	N/A
3**	5258.750	93.15	-3.08	--	--	AV	358.00	150	Vertical	N/A
4	7706.750	53.54	1.65	74.0	20.46	Peak	319.00	100	Vertical	Pass
4**	7706.750	44.29	1.65	54.0	9.71	AV	319.00	100	Vertical	Pass
5	11770.313	53.63	-0.18	74.0	20.37	Peak	54.00	100	Vertical	Pass
5**	11770.313	43.28	-0.18	54.0	10.72	AV	54.00	100	Vertical	Pass
6	16103.175	54.72	1.78	74.0	19.28	Peak	202.00	300	Vertical	Pass
6**	16103.175	45.99	1.78	54.0	8.01	AV	202.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1455.300	38.28	-17.10	74.0	35.72	Peak	42.00	200	Horizontal	Pass
1**	1455.300	28.75	-17.10	54.0	25.25	AV	42.00	200	Horizontal	Pass
2	4314.000	46.53	-4.99	74.0	27.47	Peak	11.00	300	Horizontal	Pass
2**	4314.000	38.02	-4.99	54.0	15.98	AV	11.00	300	Horizontal	Pass
3	5299.000	103.59	-2.59	--	--	Peak	81.00	200	Horizontal	N/A
3**	5299.000	96.14	-2.59	--	--	AV	81.00	200	Horizontal	N/A
4	7709.750	53.31	1.76	74.0	20.69	Peak	251.00	100	Horizontal	Pass
4**	7709.750	45.19	1.76	54.0	8.81	AV	251.00	100	Horizontal	Pass
5	11802.138	53.31	-0.17	74.0	20.69	Peak	360.00	100	Horizontal	Pass
5**	11802.138	43.57	-0.17	54.0	10.43	AV	360.00	100	Horizontal	Pass
6	16154.362	54.27	2.12	74.0	19.73	Peak	325.00	300	Horizontal	Pass
6**	16154.362	44.30	2.12	54.0	9.70	AV	325.00	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	1619.300	39.13	-16.99	74.0	34.87	Peak	0.00	100	Vertical	Pass
1**	1619.300	29.40	-16.99	54.0	24.60	AV	0.00	100	Vertical	Pass
2	4332.750	47.19	-5.08	74.0	26.81	Peak	210.00	300	Vertical	Pass
2**	4332.750	37.30	-5.08	54.0	16.70	AV	210.00	300	Vertical	Pass
3	5299.000	100.38	-2.59	--	--	Peak	3.00	200	Vertical	N/A
3**	5299.000	93.45	-2.59	--	--	AV	3.00	200	Vertical	N/A
4	7679.500	53.77	0.79	74.0	20.23	Peak	44.00	200	Vertical	Pass
4**	7679.500	43.83	0.79	54.0	10.17	AV	44.00	200	Vertical	Pass
5	11694.550	53.19	-0.61	74.0	20.81	Peak	-1.00	100	Vertical	Pass
5**	11694.550	43.34	-0.61	54.0	10.66	AV	-1.00	100	Vertical	Pass
6	15951.713	55.44	1.16	74.0	18.56	Peak	54.00	100	Vertical	Pass
6**	15951.713	44.83	1.16	54.0	9.17	AV	54.00	100	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	1575.600	38.44	-16.85	74.0	35.56	Peak	211.00	400	Horizontal	Pass
1**	1575.600	29.05	-16.85	54.0	24.95	AV	211.00	400	Horizontal	Pass
2	4250.250	47.17	-4.21	74.0	26.83	Peak	246.00	200	Horizontal	Pass
2**	4250.250	38.13	-4.21	54.0	15.87	AV	246.00	200	Horizontal	Pass
3	5321.000	103.48	-3.04	--	--	Peak	98.00	150	Horizontal	N/A
3**	5321.000	96.16	-3.04	--	--	AV	98.00	150	Horizontal	N/A
4	7740.500	53.79	0.65	74.0	20.21	Peak	146.00	200	Horizontal	Pass
4**	7740.500	43.59	0.65	54.0	10.41	AV	146.00	200	Horizontal	Pass
5	12455.262	52.53	1.08	74.0	21.47	Peak	0.00	150	Horizontal	Pass
5**	12455.262	43.72	1.08	54.0	10.28	AV	0.00	150	Horizontal	Pass
6	16062.224	54.44	1.25	74.0	19.56	Peak	52.00	100	Horizontal	Pass
6**	16062.224	46.23	1.25	54.0	7.77	AV	52.00	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	1580.400	38.63	-17.17	74.0	35.37	Peak	146.00	200	Vertical	Pass
1**	1580.400	28.36	-17.17	54.0	25.64	AV	146.00	200	Vertical	Pass
2	4255.750	47.00	-3.94	74.0	27.00	Peak	142.00	200	Vertical	Pass
2**	4255.750	38.21	-3.94	54.0	15.79	AV	142.00	200	Vertical	Pass
3	5318.500	100.82	-3.13	--	--	Peak	0.00	150	Vertical	N/A
3**	5318.500	93.75	-3.13	--	--	AV	0.00	150	Vertical	N/A
4	7338.000	53.08	-0.05	74.0	20.92	Peak	119.00	300	Vertical	Pass
4**	7338.000	43.62	-0.05	54.0	10.38	AV	119.00	300	Vertical	Pass
5	11758.437	52.84	-0.19	74.0	21.16	Peak	62.00	100	Vertical	Pass
5**	11758.437	43.60	-0.19	54.0	10.40	AV	62.00	100	Vertical	Pass
6	16120.500	55.21	1.92	74.0	18.79	Peak	303.00	400	Vertical	Pass
6**	16120.500	45.74	1.92	54.0	8.26	AV	303.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.700	38.47	-17.30	74.0	35.53	Peak	60.00	400	Horizontal	Pass
1**	1523.700	29.29	-17.30	54.0	24.71	AV	60.00	400	Horizontal	Pass
2	4245.250	47.39	-4.33	74.0	26.61	Peak	125.00	300	Horizontal	Pass
2**	4245.250	37.94	-4.33	54.0	16.06	AV	125.00	300	Horizontal	Pass
3	5272.250	99.36	-2.70	--	--	Peak	101.00	200	Horizontal	N/A
3**	5272.250	92.37	-2.70	--	--	AV	101.00	200	Horizontal	N/A
4	7679.250	53.36	0.84	74.0	20.64	Peak	193.00	200	Horizontal	Pass
4**	7679.250	43.76	0.84	54.0	10.24	AV	193.00	200	Horizontal	Pass
5	11722.812	52.86	-0.37	74.0	21.14	Peak	45.00	200	Horizontal	Pass
5**	11722.812	42.93	-0.37	54.0	11.07	AV	45.00	200	Horizontal	Pass
6	16097.662	54.78	1.72	74.0	19.22	Peak	297.00	100	Horizontal	Pass
6**	16097.662	45.29	1.72	54.0	8.71	AV	297.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.400	39.07	-16.78	74.0	34.93	Peak	164.00	200	Vertical	Pass
1**	1613.400	29.00	-16.78	54.0	25.00	AV	164.00	200	Vertical	Pass
2	4290.750	47.65	-4.57	74.0	26.35	Peak	0.00	400	Vertical	Pass
2**	4290.750	38.30	-4.57	54.0	15.70	AV	0.00	400	Vertical	Pass
3	5266.500	97.49	-2.95	--	--	Peak	0.00	100	Vertical	N/A
3**	5266.500	88.63	-2.95	--	--	AV	0.00	100	Vertical	N/A
4	7702.000	53.48	1.48	74.0	20.52	Peak	314.00	300	Vertical	Pass
4**	7702.000	44.53	1.48	54.0	9.47	AV	314.00	300	Vertical	Pass
5	11753.213	53.41	-0.19	74.0	20.59	Peak	2.00	200	Vertical	Pass
5**	11753.213	44.45	-0.19	54.0	9.55	AV	2.00	200	Vertical	Pass
6	16080.075	55.88	1.49	74.0	18.12	Peak	136.00	100	Vertical	Pass
6**	16080.075	45.22	1.49	54.0	8.78	AV	136.00	100	Vertical	Pass

11n40, 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	1572.800	38.17	-16.97	74.0	35.83	Peak	360.00	300	Horizontal	Pass
1**	1572.800	29.61	-16.97	54.0	24.39	AV	360.00	300	Horizontal	Pass
2	4232.000	47.43	-5.13	74.0	26.57	Peak	258.00	200	Horizontal	Pass
2**	4232.000	36.85	-5.13	54.0	17.15	AV	258.00	200	Horizontal	Pass
3	5313.000	99.21	-3.32	--	--	Peak	91.00	100	Horizontal	N/A
3**	5313.000	92.14	-3.32	--	--	AV	91.00	100	Horizontal	N/A
4	7713.000	54.29	1.75	74.0	19.71	Peak	134.00	400	Horizontal	Pass
4**	7713.000	44.55	1.75	54.0	9.45	AV	134.00	400	Horizontal	Pass
5	11797.387	52.78	-0.15	74.0	21.22	Peak	67.00	150	Horizontal	Pass
5**	11797.387	43.58	-0.15	54.0	10.42	AV	67.00	150	Horizontal	Pass
6	16054.350	54.54	1.15	74.0	19.46	Peak	332.00	100	Horizontal	Pass
6**	16054.350	45.06	1.15	54.0	8.94	AV	332.00	100	Horizontal	Pass

11n40, 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	1576.400	38.29	-16.87	74.0	35.71	Peak	252.00	200	Vertical	Pass
1**	1576.400	29.07	-16.87	54.0	24.93	AV	252.00	200	Vertical	Pass
2	4365.250	47.09	-4.63	74.0	26.91	Peak	290.00	200	Vertical	Pass
2**	4365.250	38.02	-4.63	54.0	15.98	AV	290.00	200	Vertical	Pass
3	5311.500	97.46	-3.26	--	--	Peak	1.00	100	Vertical	N/A
3**	5311.500	89.68	-3.26	--	--	AV	1.00	100	Vertical	N/A
4	7423.000	53.81	1.54	74.0	20.19	Peak	219.00	100	Vertical	Pass
4**	7423.000	44.21	1.54	54.0	9.79	AV	219.00	100	Vertical	Pass
5	12390.662	52.54	1.06	74.0	21.46	Peak	72.00	200	Vertical	Pass
5**	12390.662	42.51	1.06	54.0	11.49	AV	72.00	200	Vertical	Pass
6	16101.599	54.47	1.76	74.0	19.53	Peak	81.00	300	Vertical	Pass
6**	16101.599	45.46	1.76	54.0	8.54	AV	81.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.300	38.36	-17.21	74.0	35.64	Peak	360.00	200	Horizontal	Pass
1**	1569.300	28.00	-17.21	54.0	26.00	AV	360.00	200	Horizontal	Pass
2	4349.500	47.66	-4.48	74.0	26.34	Peak	159.00	200	Horizontal	Pass
2**	4349.500	38.09	-4.48	54.0	15.91	AV	159.00	200	Horizontal	Pass
3	5261.250	103.00	-3.06	--	--	Peak	118.00	150	Horizontal	N/A
3**	5261.250	95.52	-3.06	--	--	AV	118.00	150	Horizontal	N/A
4	7606.000	53.54	0.60	74.0	20.46	Peak	16.00	100	Horizontal	Pass
4**	7606.000	43.41	0.60	54.0	10.59	AV	16.00	100	Horizontal	Pass
5	11764.850	53.44	-0.18	74.0	20.56	Peak	337.00	100	Horizontal	Pass
5**	11764.850	43.26	-0.18	54.0	10.74	AV	337.00	100	Horizontal	Pass
6	16149.638	54.77	2.15	74.0	19.23	Peak	312.00	400	Horizontal	Pass
6**	16149.638	44.55	2.15	54.0	9.45	AV	312.00	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	1512.200	38.37	-16.45	74.0	35.63	Peak	43.00	200	Vertical	Pass
1**	1512.200	29.11	-16.45	54.0	24.89	AV	43.00	200	Vertical	Pass
2	4259.000	48.16	-4.33	74.0	25.84	Peak	161.00	100	Vertical	Pass
2**	4259.000	37.86	-4.33	54.0	16.14	AV	161.00	100	Vertical	Pass
3	5261.000	99.55	-3.04	--	--	Peak	360.00	150	Vertical	N/A
3**	5261.000	92.70	-3.04	--	--	AV	360.00	150	Vertical	N/A
4	7425.500	53.87	1.31	74.0	20.13	Peak	202.00	200	Vertical	Pass
4**	7425.500	45.36	1.31	54.0	8.64	AV	202.00	200	Vertical	Pass
5	12224.175	52.91	0.74	74.0	21.09	Peak	322.00	150	Vertical	Pass
5**	12224.175	44.40	0.74	54.0	9.60	AV	322.00	150	Vertical	Pass
6	15921.526	54.50	1.65	74.0	19.50	Peak	195.00	100	Vertical	Pass
6**	15921.526	45.47	1.65	54.0	8.53	AV	195.00	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	1583.200	38.13	-16.84	74.0	35.87	Peak	261.00	200	Horizontal	Pass
1**	1583.200	29.36	-16.84	54.0	24.64	AV	261.00	200	Horizontal	Pass
2	4244.000	47.43	-4.80	74.0	26.57	Peak	198.00	400	Horizontal	Pass
2**	4244.000	37.44	-4.80	54.0	16.56	AV	198.00	400	Horizontal	Pass
3	5298.000	103.28	-2.75	--	--	Peak	96.00	100	Horizontal	N/A
3**	5298.000	96.00	-2.75	--	--	AV	96.00	100	Horizontal	N/A
4	7709.500	53.43	1.88	74.0	20.57	Peak	360.00	100	Horizontal	Pass
4**	7709.500	44.52	1.88	54.0	9.48	AV	360.00	100	Horizontal	Pass
5	11782.187	52.67	-0.16	74.0	21.33	Peak	110.00	200	Horizontal	Pass
5**	11782.187	42.95	-0.16	54.0	11.05	AV	110.00	200	Horizontal	Pass
6	15895.276	55.09	1.99	74.0	18.91	Peak	36.00	300	Horizontal	Pass
6**	15895.276	45.11	1.99	54.0	8.89	AV	36.00	300	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	1613.000	39.43	-16.60	74.0	34.57	Peak	160.00	400	Vertical	Pass
1**	1613.000	29.29	-16.60	54.0	24.71	AV	160.00	400	Vertical	Pass
2	4157.750	47.43	-5.46	74.0	26.57	Peak	219.00	300	Vertical	Pass
2**	4157.750	37.79	-5.46	54.0	16.21	AV	219.00	300	Vertical	Pass
3	5299.000	100.86	-2.59	--	--	Peak	0.00	200	Vertical	N/A
3**	5299.000	92.93	-2.59	--	--	AV	0.00	200	Vertical	N/A
4	7714.250	53.99	1.56	74.0	20.01	Peak	178.00	400	Vertical	Pass
4**	7714.250	44.09	1.56	54.0	9.91	AV	178.00	400	Vertical	Pass
5	11985.963	53.01	0.16	74.0	20.99	Peak	139.00	150	Vertical	Pass
5**	11985.963	42.20	0.16	54.0	11.80	AV	139.00	150	Vertical	Pass
6	15905.776	54.66	1.93	74.0	19.34	Peak	154.00	300	Vertical	Pass
6**	15905.776	45.73	1.93	54.0	8.27	AV	154.00	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	1614.600	38.26	-17.11	74.0	35.74	Peak	0.00	400	Horizontal	Pass
1**	1614.600	29.04	-17.11	54.0	24.96	AV	0.00	400	Horizontal	Pass
2	4051.000	47.46	-5.35	74.0	26.54	Peak	217.00	200	Horizontal	Pass
2**	4051.000	37.20	-5.35	54.0	16.80	AV	217.00	200	Horizontal	Pass
3	5321.500	103.96	-2.68	--	--	Peak	101.00	100	Horizontal	N/A
3**	5321.500	96.86	-2.68	--	--	AV	101.00	100	Horizontal	N/A
4	7711.250	53.27	1.79	74.0	20.73	Peak	288.00	100	Horizontal	Pass
4**	7711.250	44.83	1.79	54.0	9.17	AV	288.00	100	Horizontal	Pass
5	11772.213	53.61	-0.17	74.0	20.39	Peak	310.00	200	Horizontal	Pass
5**	11772.213	43.14	-0.17	54.0	10.86	AV	310.00	200	Horizontal	Pass
6	16129.424	54.37	1.99	74.0	19.63	Peak	137.00	400	Horizontal	Pass
6**	16129.424	46.01	1.99	54.0	7.99	AV	137.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1619.400	38.30	-17.05	74.0	35.70	Peak	64.00	100	Vertical	Pass
1**	1619.400	29.60	-17.05	54.0	24.40	AV	64.00	100	Vertical	Pass
2	4194.250	47.50	-5.33	74.0	26.50	Peak	0.00	100	Vertical	Pass
2**	4194.250	37.43	-5.33	54.0	16.57	AV	0.00	100	Vertical	Pass
3	5321.500	100.98	-2.68	--	--	Peak	359.00	150	Vertical	N/A
3**	5321.500	94.41	-2.68	--	--	AV	359.00	150	Vertical	N/A
4	7709.250	53.92	1.90	74.0	20.08	Peak	0.00	400	Vertical	Pass
4**	7709.250	45.15	1.90	54.0	8.85	AV	0.00	400	Vertical	Pass
5	12685.638	52.46	0.32	74.0	21.54	Peak	242.00	200	Vertical	Pass
5**	12685.638	41.38	0.32	54.0	12.62	AV	242.00	200	Vertical	Pass
6	16102.388	54.57	1.77	74.0	19.43	Peak	288.00	300	Vertical	Pass
6**	16102.388	45.54	1.77	54.0	8.46	AV	288.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.900	38.42	-16.91	74.0	35.58	Peak	317.00	400	Horizontal	Pass
1**	1620.900	29.53	-16.91	54.0	24.47	AV	317.00	400	Horizontal	Pass
2	4291.750	47.21	-4.62	74.0	26.79	Peak	359.00	200	Horizontal	Pass
2**	4291.750	37.64	-4.62	54.0	16.36	AV	359.00	200	Horizontal	Pass
3	5271.750	99.74	-2.78	--	--	Peak	169.00	150	Horizontal	N/A
3**	5271.750	92.19	-2.78	--	--	AV	169.00	150	Horizontal	N/A
4	7472.500	53.54	0.45	74.0	20.46	Peak	217.00	400	Horizontal	Pass
4**	7472.500	43.54	0.45	54.0	10.46	AV	217.00	400	Horizontal	Pass
5	12441.250	52.39	1.05	74.0	21.61	Peak	320.00	100	Horizontal	Pass
5**	12441.250	42.64	1.05	54.0	11.36	AV	320.00	100	Horizontal	Pass
6	15670.313	54.99	1.92	74.0	19.01	Peak	37.00	300	Horizontal	Pass
6**	15670.313	45.66	1.92	54.0	8.34	AV	37.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.600	39.17	-16.79	74.0	34.83	Peak	181.00	200	Vertical	Pass
1**	1513.600	29.48	-16.79	54.0	24.52	AV	181.00	200	Vertical	Pass
2	4388.000	46.98	-5.00	74.0	27.02	Peak	358.00	300	Vertical	Pass
2**	4388.000	37.66	-5.00	54.0	16.34	AV	358.00	300	Vertical	Pass
3	5268.000	96.24	-2.68	--	--	Peak	358.00	150	Vertical	N/A
3**	5268.000	89.37	-2.68	--	--	AV	358.00	150	Vertical	N/A
4	7705.000	53.53	2.03	74.0	20.47	Peak	41.00	100	Vertical	Pass
4**	7705.000	44.69	2.03	54.0	9.31	AV	41.00	100	Vertical	Pass
5	12205.175	52.82	0.48	74.0	21.18	Peak	239.00	200	Vertical	Pass
5**	12205.175	42.92	0.48	54.0	11.08	AV	239.00	200	Vertical	Pass
6	15887.662	54.94	1.93	74.0	19.06	Peak	130.00	400	Vertical	Pass
6**	15887.662	45.14	1.93	54.0	8.86	AV	130.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.000	38.08	-17.06	74.0	35.92	Peak	115.00	100	Horizontal	Pass
1**	1585.000	28.82	-17.06	54.0	25.18	AV	115.00	100	Horizontal	Pass
2	4289.250	47.92	-4.41	74.0	26.08	Peak	263.00	400	Horizontal	Pass
2**	4289.250	38.38	-4.41	54.0	15.62	AV	263.00	400	Horizontal	Pass
3	5313.000	99.84	-3.32	--	--	Peak	101.00	200	Horizontal	N/A
3**	5313.000	91.76	-3.32	--	--	AV	101.00	200	Horizontal	N/A
4	7708.000	53.62	1.69	74.0	20.38	Peak	101.00	400	Horizontal	Pass
4**	7708.000	44.14	1.69	54.0	9.86	AV	101.00	400	Horizontal	Pass
5	12401.588	52.65	1.10	74.0	21.35	Peak	106.00	150	Horizontal	Pass
5**	12401.588	43.04	1.10	54.0	10.96	AV	106.00	150	Horizontal	Pass
6	16101.862	54.63	1.77	74.0	19.37	Peak	320.00	200	Horizontal	Pass
6**	16101.862	45.39	1.77	54.0	8.61	AV	320.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.100	38.49	-17.23	74.0	35.51	Peak	2.00	200	Vertical	Pass
1**	1493.100	29.23	-17.23	54.0	24.77	AV	2.00	200	Vertical	Pass
2	4256.000	47.38	-4.07	74.0	26.62	Peak	0.00	400	Vertical	Pass
2**	4256.000	38.34	-4.07	54.0	15.66	AV	0.00	400	Vertical	Pass
3	5313.250	97.50	-3.32	--	--	Peak	3.00	150	Vertical	N/A
3**	5313.250	89.35	-3.32	--	--	AV	3.00	150	Vertical	N/A
4	7709.000	53.32	1.89	74.0	20.68	Peak	28.00	100	Vertical	Pass
4**	7709.000	45.13	1.89	54.0	8.87	AV	28.00	100	Vertical	Pass
5	11789.787	53.20	-0.16	74.0	20.80	Peak	2.00	100	Vertical	Pass
5**	11789.787	43.43	-0.16	54.0	10.57	AV	2.00	100	Vertical	Pass
6	16144.125	54.30	2.10	74.0	19.70	Peak	76.00	100	Vertical	Pass
6**	16144.125	45.46	2.10	54.0	8.54	AV	76.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	39.37	-16.94	74.0	34.63	Peak	345.00	400	Horizontal	Pass
1**	1484.700	30.74	-16.94	54.0	23.26	AV	345.00	400	Horizontal	Pass
2	4077.750	47.09	-5.68	74.0	26.91	Peak	353.00	200	Horizontal	Pass
2**	4077.750	37.02	-5.68	54.0	16.98	AV	353.00	200	Horizontal	Pass
3	5296.500	95.76	-2.81	--	--	Peak	90.00	200	Horizontal	N/A
3**	5296.500	88.07	-2.81	--	--	AV	90.00	200	Horizontal	N/A
4	7419.500	53.74	1.23	74.0	20.26	Peak	0.00	100	Horizontal	Pass
4**	7419.500	44.44	1.23	54.0	9.56	AV	0.00	100	Horizontal	Pass
5	10751.438	53.02	-1.95	74.0	20.98	Peak	200.00	150	Horizontal	Pass
5**	10751.438	42.80	-1.95	54.0	11.20	AV	200.00	150	Horizontal	Pass
6	16093.987	54.84	1.67	74.0	19.16	Peak	151.00	100	Horizontal	Pass
6**	16093.987	46.13	1.67	54.0	7.87	AV	151.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.300	38.98	-16.71	74.0	35.02	Peak	154.00	400	Vertical	Pass
1**	1605.300	29.72	-16.71	54.0	24.28	AV	154.00	400	Vertical	Pass
2	4285.750	47.51	-4.37	74.0	26.49	Peak	302.00	100	Vertical	Pass
2**	4285.750	37.92	-4.37	54.0	16.08	AV	302.00	100	Vertical	Pass
3	5296.750	92.91	-2.87	--	--	Peak	17.00	150	Vertical	N/A
3**	5296.750	84.91	-2.87	--	--	AV	17.00	150	Vertical	N/A
4	7310.500	53.90	0.67	74.0	20.10	Peak	200.00	300	Vertical	Pass
4**	7310.500	43.39	0.67	54.0	10.61	AV	200.00	300	Vertical	Pass
5	11803.088	53.76	-0.18	74.0	20.24	Peak	128.00	150	Vertical	Pass
5**	11803.088	43.58	-0.18	54.0	10.42	AV	128.00	150	Vertical	Pass
6	16126.537	55.19	1.96	74.0	18.81	Peak	271.00	100	Vertical	Pass
6**	16126.537	46.18	1.96	54.0	7.82	AV	271.00	100	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	1609.700	39.30	-17.04	74.0	34.70	Peak	230.00	400	Horizontal	Pass
1**	1609.700	28.82	-17.04	54.0	25.18	AV	230.00	400	Horizontal	Pass
2	4317.500	47.20	-5.39	74.0	26.80	Peak	221.00	100	Horizontal	Pass
2**	4317.500	38.55	-5.39	54.0	15.45	AV	221.00	100	Horizontal	Pass
3	5501.750	104.27	-2.67	--	--	Peak	15.00	150	Horizontal	N/A
3**	5501.750	97.49	-2.67	--	--	AV	15.00	150	Horizontal	N/A
4	7419.500	53.35	1.23	74.0	20.65	Peak	131.00	400	Horizontal	Pass
4**	7419.500	44.10	1.23	54.0	9.90	AV	131.00	400	Horizontal	Pass
5	11776.250	53.10	-0.17	74.0	20.90	Peak	360.00	150	Horizontal	Pass
5**	11776.250	43.48	-0.17	54.0	10.52	AV	360.00	150	Horizontal	Pass
6	16089.787	54.62	1.62	74.0	19.38	Peak	200.00	400	Horizontal	Pass
6**	16089.787	45.12	1.62	54.0	8.88	AV	200.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.500	38.06	-16.85	74.0	35.94	Peak	147.00	400	Vertical	Pass
1**	1613.500	28.80	-16.85	54.0	25.20	AV	147.00	400	Vertical	Pass
2	3821.500	47.33	-6.14	74.0	26.67	Peak	317.00	300	Vertical	Pass
2**	3821.500	36.66	-6.14	54.0	17.34	AV	317.00	300	Vertical	Pass
3	5498.000	103.14	-2.51	--	--	Peak	11.00	200	Vertical	N/A
3**	5498.000	94.79	-2.51	--	--	AV	11.00	200	Vertical	N/A
4	7685.750	53.35	1.54	74.0	20.65	Peak	0.00	100	Vertical	Pass
4**	7685.750	44.84	1.54	54.0	9.16	AV	0.00	100	Vertical	Pass
5	11750.838	52.84	-0.20	74.0	21.16	Peak	2.00	100	Vertical	Pass
5**	11750.838	43.50	-0.20	54.0	10.50	AV	2.00	100	Vertical	Pass
6	16070.625	55.72	1.36	74.0	18.28	Peak	120.00	100	Vertical	Pass
6**	16070.625	44.63	1.36	54.0	9.37	AV	120.00	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	1483.500	38.86	-16.96	74.0	35.14	Peak	0.00	200	Horizontal	Pass
1**	1483.500	29.64	-16.96	54.0	24.36	AV	0.00	200	Horizontal	Pass
2	4233.000	46.88	-5.15	74.0	27.12	Peak	17.00	400	Horizontal	Pass
2**	4233.000	37.46	-5.15	54.0	16.54	AV	17.00	400	Horizontal	Pass
3	5582.250	105.60	-2.09	--	--	Peak	17.00	150	Horizontal	N/A
3**	5582.250	97.79	-2.09	--	--	AV	17.00	150	Horizontal	N/A
4	7687.750	53.38	0.92	74.0	20.62	Peak	108.00	400	Horizontal	Pass
4**	7687.750	44.35	0.92	54.0	9.65	AV	108.00	400	Horizontal	Pass
5	12269.062	52.94	0.89	74.0	21.06	Peak	255.00	200	Horizontal	Pass
5**	12269.062	43.62	0.89	54.0	10.38	AV	255.00	200	Horizontal	Pass
6	16119.975	55.62	1.91	74.0	18.38	Peak	49.00	400	Horizontal	Pass
6**	16119.975	45.44	1.91	54.0	8.56	AV	49.00	400	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	1613.100	38.42	-16.60	74.0	35.58	Peak	127.00	200	Vertical	Pass
1**	1613.100	29.31	-16.60	54.0	24.69	AV	127.00	200	Vertical	Pass
2	4252.000	47.07	-4.23	74.0	26.93	Peak	49.00	200	Vertical	Pass
2**	4252.000	37.88	-4.23	54.0	16.12	AV	49.00	200	Vertical	Pass
3	5579.250	103.64	-2.00	--	--	Peak	336.00	150	Vertical	N/A
3**	5579.250	96.42	-2.00	--	--	AV	336.00	150	Vertical	N/A
4	7705.250	53.51	2.03	74.0	20.49	Peak	191.00	300	Vertical	Pass
4**	7705.250	45.70	2.03	54.0	8.30	AV	191.00	300	Vertical	Pass
5	11752.738	53.81	-0.19	74.0	20.19	Peak	332.00	100	Vertical	Pass
5**	11752.738	44.19	-0.19	54.0	9.81	AV	332.00	100	Vertical	Pass
6	16158.037	54.23	2.10	74.0	19.77	Peak	356.00	200	Vertical	Pass
6**	16158.037	45.04	2.10	54.0	8.96	AV	356.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.000	38.53	-17.01	74.0	35.47	Peak	211.00	300	Horizontal	Pass
1**	1624.000	28.92	-17.01	54.0	25.08	AV	211.00	300	Horizontal	Pass
2	4215.500	47.40	-5.09	74.0	26.60	Peak	319.00	400	Horizontal	Pass
2**	4215.500	38.23	-5.09	54.0	15.77	AV	319.00	400	Horizontal	Pass
3	5698.750	104.34	-2.24	--	--	Peak	136.00	200	Horizontal	N/A
3**	5698.750	97.34	-2.24	--	--	AV	136.00	200	Horizontal	N/A
4	7708.250	53.88	1.90	74.0	20.12	Peak	95.00	300	Horizontal	Pass
4**	7708.250	44.80	1.90	54.0	9.20	AV	95.00	300	Horizontal	Pass
5	11699.775	53.15	-0.52	74.0	20.85	Peak	158.00	150	Horizontal	Pass
5**	11699.775	43.20	-0.52	54.0	10.80	AV	158.00	150	Horizontal	Pass
6	15886.088	55.57	1.92	74.0	18.43	Peak	229.00	100	Horizontal	Pass
6**	15886.088	44.68	1.92	54.0	9.32	AV	229.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.800	38.39	-17.31	74.0	35.61	Peak	42.00	300	Vertical	Pass
1**	1541.800	28.15	-17.31	54.0	25.85	AV	42.00	300	Vertical	Pass
2	4348.000	47.49	-4.72	74.0	26.51	Peak	0.00	100	Vertical	Pass
2**	4348.000	38.29	-4.72	54.0	15.71	AV	0.00	100	Vertical	Pass
3	5698.750	102.27	-2.24	--	--	Peak	338.00	100	Vertical	N/A
3**	5698.750	95.50	-2.24	--	--	AV	338.00	100	Vertical	N/A
4	7617.500	53.96	0.47	74.0	20.04	Peak	13.00	300	Vertical	Pass
4**	7617.500	43.83	0.47	54.0	10.17	AV	13.00	300	Vertical	Pass
5	12487.088	52.89	1.34	74.0	21.11	Peak	155.00	100	Vertical	Pass
5**	12487.088	43.01	1.34	54.0	10.99	AV	155.00	100	Vertical	Pass
6	16068.000	55.60	1.33	74.0	18.40	Peak	208.00	100	Vertical	Pass
6**	16068.000	45.28	1.33	54.0	8.72	AV	208.00	100	Vertical	Pass

11n20, 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	1484.400	38.26	-16.87	74.0	35.74	Peak	284.00	400	Horizontal	Pass
1**	1484.400	30.50	-16.87	54.0	23.50	AV	284.00	400	Horizontal	Pass
2	4302.250	46.79	-5.20	74.0	27.21	Peak	303.00	200	Horizontal	Pass
2**	4302.250	37.50	-5.20	54.0	16.50	AV	303.00	200	Horizontal	Pass
3	5498.250	104.31	-2.67	--	--	Peak	0.00	100	Horizontal	N/A
3**	5498.250	96.12	-2.67	--	--	AV	0.00	100	Horizontal	N/A
4	7690.000	54.09	1.28	74.0	19.91	Peak	161.00	200	Horizontal	Pass
4**	7690.000	44.29	1.28	54.0	9.71	AV	161.00	200	Horizontal	Pass
5	11752.974	52.66	-0.19	74.0	21.34	Peak	6.00	200	Horizontal	Pass
5**	11752.974	43.92	-0.19	54.0	10.08	AV	6.00	200	Horizontal	Pass
6	15459.262	54.53	1.85	74.0	19.47	Peak	0.00	100	Horizontal	Pass
6**	15459.262	44.09	1.85	54.0	9.91	AV	0.00	100	Horizontal	Pass

11n20, 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	1612.600	39.26	-16.75	74.0	34.74	Peak	252.00	300	Vertical	Pass
1**	1612.600	29.23	-16.75	54.0	24.77	AV	252.00	300	Vertical	Pass
2	4279.250	47.57	-4.73	74.0	26.43	Peak	147.00	300	Vertical	Pass
2**	4279.250	37.92	-4.73	54.0	16.08	AV	147.00	300	Vertical	Pass
3	5502.000	102.44	-2.74	--	--	Peak	359.00	150	Vertical	N/A
3**	5502.000	94.90	-2.74	--	--	AV	359.00	150	Vertical	N/A
4	7415.500	53.45	0.66	74.0	20.55	Peak	32.00	400	Vertical	Pass
4**	7415.500	43.99	0.66	54.0	10.01	AV	32.00	400	Vertical	Pass
5	11763.188	52.47	-0.18	74.0	21.53	Peak	315.00	100	Vertical	Pass
5**	11763.188	44.32	-0.18	54.0	9.68	AV	315.00	100	Vertical	Pass
6	15897.113	54.78	2.00	74.0	19.22	Peak	152.00	200	Vertical	Pass
6**	15897.113	45.64	2.00	54.0	8.36	AV	152.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.200	38.59	-17.11	74.0	35.41	Peak	36.00	200	Horizontal	Pass
1**	1584.200	29.00	-17.11	54.0	25.00	AV	36.00	200	Horizontal	Pass
2	4336.000	47.02	-4.72	74.0	26.98	Peak	134.00	100	Horizontal	Pass
2**	4336.000	38.16	-4.72	54.0	15.84	AV	134.00	100	Horizontal	Pass
3	5581.250	105.73	-1.94	--	--	Peak	13.00	100	Horizontal	N/A
3**	5581.250	98.74	-1.94	--	--	AV	13.00	100	Horizontal	N/A
4	7421.000	54.50	1.19	74.0	19.50	Peak	156.00	300	Horizontal	Pass
4**	7421.000	44.76	1.19	54.0	9.24	AV	156.00	300	Horizontal	Pass
5	11687.663	52.90	-0.72	74.0	21.10	Peak	318.00	150	Horizontal	Pass
5**	11687.663	43.26	-0.72	54.0	10.74	AV	318.00	150	Horizontal	Pass
6	15680.287	55.38	1.82	74.0	18.62	Peak	119.00	200	Horizontal	Pass
6**	15680.287	45.29	1.82	54.0	8.71	AV	119.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	38.81	-16.88	74.0	35.19	Peak	13.00	100	Vertical	Pass
1**	1500.100	29.12	-16.88	54.0	24.88	AV	13.00	100	Vertical	Pass
2	4253.500	47.74	-4.17	74.0	26.26	Peak	166.00	200	Vertical	Pass
2**	4253.500	38.06	-4.17	54.0	15.94	AV	166.00	200	Vertical	Pass
3	5578.750	103.50	-2.08	--	--	Peak	339.00	100	Vertical	N/A
3**	5578.750	96.43	-2.08	--	--	AV	339.00	100	Vertical	N/A
4	7704.750	53.68	2.00	74.0	20.32	Peak	59.00	100	Vertical	Pass
4**	7704.750	45.72	2.00	54.0	8.28	AV	59.00	100	Vertical	Pass
5	11253.512	52.50	-0.75	74.0	21.50	Peak	1.00	200	Vertical	Pass
5**	11253.512	42.93	-0.75	54.0	11.07	AV	1.00	200	Vertical	Pass
6	16084.799	54.70	1.55	74.0	19.30	Peak	237.00	400	Vertical	Pass
6**	16084.799	45.84	1.55	54.0	8.16	AV	237.00	400	Vertical	Pass

11n20, 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	1451.500	38.45	-17.08	74.0	35.55	Peak	19.00	300	Horizontal	Pass
1**	1451.500	29.33	-17.08	54.0	24.67	AV	19.00	300	Horizontal	Pass
2	4390.250	47.00	-5.23	74.0	27.00	Peak	113.00	100	Horizontal	Pass
2**	4390.250	37.74	-5.23	54.0	16.26	AV	113.00	100	Horizontal	Pass
3	5697.750	103.96	-2.47	--	--	Peak	113.00	100	Horizontal	N/A
3**	5697.750	96.93	-2.47	--	--	AV	113.00	100	Horizontal	N/A
4	7617.000	53.63	0.35	74.0	20.37	Peak	0.00	100	Horizontal	Pass
4**	7617.000	43.45	0.35	54.0	10.55	AV	0.00	100	Horizontal	Pass
5	12437.925	52.91	1.05	74.0	21.09	Peak	360.00	200	Horizontal	Pass
5**	12437.925	43.13	1.05	54.0	10.87	AV	360.00	200	Horizontal	Pass
6	16116.300	54.59	1.88	74.0	19.41	Peak	49.00	400	Horizontal	Pass
6**	16116.300	45.40	1.88	54.0	8.60	AV	49.00	400	Horizontal	Pass

11n20, 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	1606.700	38.66	-16.64	74.0	35.34	Peak	198.00	300	Vertical	Pass
1**	1606.700	29.83	-16.64	54.0	24.17	AV	198.00	300	Vertical	Pass
2	4045.250	46.62	-5.38	74.0	27.38	Peak	153.00	300	Vertical	Pass
2**	4045.250	37.58	-5.38	54.0	16.42	AV	153.00	300	Vertical	Pass
3	5698.250	102.38	-2.31	--	--	Peak	334.00	200	Vertical	N/A
3**	5698.250	95.38	-2.31	--	--	AV	334.00	200	Vertical	N/A
4	7410.750	54.02	0.86	74.0	19.98	Peak	312.00	300	Vertical	Pass
4**	7410.750	44.95	0.86	54.0	9.05	AV	312.00	300	Vertical	Pass
5	11617.125	52.47	-0.86	74.0	21.53	Peak	298.00	100	Vertical	Pass
5**	11617.125	42.52	-0.86	54.0	11.48	AV	298.00	100	Vertical	Pass
6	16158.037	54.97	2.10	74.0	19.03	Peak	0.00	400	Vertical	Pass
6**	16158.037	45.24	2.10	54.0	8.76	AV	0.00	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	1612.500	38.45	-16.78	74.0	35.55	Peak	193.00	300	Horizontal	Pass
1**	1612.500	29.53	-16.78	54.0	24.47	AV	193.00	300	Horizontal	Pass
2	4227.000	47.00	-5.20	74.0	27.00	Peak	17.00	200	Horizontal	Pass
2**	4227.000	37.23	-5.20	54.0	16.77	AV	17.00	200	Horizontal	Pass
3	5507.250	100.56	-3.20	--	--	Peak	17.00	100	Horizontal	N/A
3**	5507.250	93.07	-3.20	--	--	AV	17.00	100	Horizontal	N/A
4	7416.500	53.35	0.94	74.0	20.65	Peak	98.00	400	Horizontal	Pass
4**	7416.500	44.28	0.94	54.0	9.72	AV	98.00	400	Horizontal	Pass
5	11755.825	52.65	-0.19	74.0	21.35	Peak	312.00	150	Horizontal	Pass
5**	11755.825	44.90	-0.19	54.0	9.10	AV	312.00	150	Horizontal	Pass
6	16092.151	56.13	1.65	74.0	17.87	Peak	100.00	300	Horizontal	Pass
6**	16092.151	45.58	1.65	54.0	8.42	AV	100.00	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	1534.400	39.16	-17.01	74.0	34.84	Peak	277.00	400	Vertical	Pass
1**	1534.400	29.22	-17.01	54.0	24.78	AV	277.00	400	Vertical	Pass
2	4234.750	47.67	-5.08	74.0	26.33	Peak	13.00	100	Vertical	Pass
2**	4234.750	38.41	-5.08	54.0	15.59	AV	13.00	100	Vertical	Pass
3	5511.750	98.38	-3.03	--	--	Peak	337.00	150	Vertical	N/A
3**	5511.750	90.83	-3.03	--	--	AV	337.00	150	Vertical	N/A
4	7694.500	53.65	1.11	74.0	20.35	Peak	317.00	200	Vertical	Pass
4**	7694.500	44.24	1.11	54.0	9.76	AV	317.00	200	Vertical	Pass
5	11799.763	53.20	-0.15	74.0	20.80	Peak	254.00	150	Vertical	Pass
5**	11799.763	43.64	-0.15	54.0	10.36	AV	254.00	150	Vertical	Pass
6	16087.162	54.70	1.58	74.0	19.30	Peak	139.00	200	Vertical	Pass
6**	16087.162	45.80	1.58	54.0	8.20	AV	139.00	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	1490.800	38.81	-17.13	74.0	35.19	Peak	123.00	100	Horizontal	Pass
1**	1490.800	28.44	-17.13	54.0	25.56	AV	123.00	100	Horizontal	Pass
2	4343.000	48.03	-4.88	74.0	25.97	Peak	113.00	100	Horizontal	Pass
2**	4343.000	37.32	-4.88	54.0	16.68	AV	113.00	100	Horizontal	Pass
3	5587.750	101.64	-2.24	--	--	Peak	11.00	200	Horizontal	N/A
3**	5587.750	93.85	-2.24	--	--	AV	11.00	200	Horizontal	N/A
4	7686.750	53.66	1.11	74.0	20.34	Peak	359.00	200	Horizontal	Pass
4**	7686.750	44.00	1.11	54.0	10.00	AV	359.00	200	Horizontal	Pass
5	11730.888	52.49	-0.32	74.0	21.51	Peak	162.00	200	Horizontal	Pass
5**	11730.888	45.01	-0.32	54.0	8.99	AV	162.00	200	Horizontal	Pass
6	16075.612	54.74	1.43	74.0	19.26	Peak	341.00	200	Horizontal	Pass
6**	16075.612	45.75	1.43	54.0	8.25	AV	341.00	200	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	1506.200	38.56	-17.21	74.0	35.44	Peak	106.00	200	Vertical	Pass
1**	1506.200	28.40	-17.21	54.0	25.60	AV	106.00	200	Vertical	Pass
2	4330.500	47.69	-4.92	74.0	26.31	Peak	358.00	400	Vertical	Pass
2**	4330.500	37.77	-4.92	54.0	16.23	AV	358.00	400	Vertical	Pass
3	5588.500	99.58	-2.20	--	--	Peak	336.00	150	Vertical	N/A
3**	5588.500	91.40	-2.20	--	--	AV	336.00	150	Vertical	N/A
4	7713.750	53.47	1.83	74.0	20.53	Peak	54.00	400	Vertical	Pass
4**	7713.750	44.49	1.83	54.0	9.51	AV	54.00	400	Vertical	Pass
5	11519.750	52.71	-0.85	74.0	21.29	Peak	240.00	100	Vertical	Pass
5**	11519.750	43.07	-0.85	54.0	10.93	AV	240.00	100	Vertical	Pass
6	16063.537	54.38	1.27	74.0	19.62	Peak	359.00	200	Vertical	Pass
6**	16063.537	45.31	1.27	54.0	8.69	AV	359.00	200	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	1443.900	38.65	-16.91	74.0	35.35	Peak	264.00	300	Horizontal	Pass
1**	1443.900	28.92	-16.91	54.0	25.08	AV	264.00	300	Horizontal	Pass
2	4238.750	47.73	-4.85	74.0	26.27	Peak	93.00	400	Horizontal	Pass
2**	4238.750	37.32	-4.85	54.0	16.68	AV	93.00	400	Horizontal	Pass
3	5667.250	102.00	-2.54	--	--	Peak	12.00	200	Horizontal	N/A
3**	5667.250	94.06	-2.54	--	--	AV	12.00	200	Horizontal	N/A
4	7709.500	54.72	1.88	74.0	19.28	Peak	337.00	400	Horizontal	Pass
4**	7709.500	44.79	1.88	54.0	9.21	AV	337.00	400	Horizontal	Pass
5	11753.213	54.10	-0.19	74.0	19.90	Peak	182.00	150	Horizontal	Pass
5**	11753.213	43.89	-0.19	54.0	10.11	AV	182.00	150	Horizontal	Pass
6	15920.474	54.79	1.67	74.0	19.21	Peak	249.00	200	Horizontal	Pass
6**	15920.474	45.15	1.67	54.0	8.85	AV	249.00	200	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	1450.000	38.34	-16.91	74.0	35.66	Peak	111.00	100	Vertical	Pass
1**	1450.000	29.02	-16.91	54.0	24.98	AV	111.00	100	Vertical	Pass
2	4337.000	46.78	-4.74	74.0	27.22	Peak	95.00	200	Vertical	Pass
2**	4337.000	37.32	-4.74	54.0	16.68	AV	95.00	200	Vertical	Pass
3	5666.250	99.56	-2.40	--	--	Peak	339.00	200	Vertical	N/A
3**	5666.250	91.98	-2.40	--	--	AV	339.00	200	Vertical	N/A
4	7583.000	53.23	0.58	74.0	20.77	Peak	319.00	200	Vertical	Pass
4**	7583.000	43.38	0.58	54.0	10.62	AV	319.00	200	Vertical	Pass
5	11788.125	52.72	-0.16	74.0	21.28	Peak	0.00	100	Vertical	Pass
5**	11788.125	44.13	-0.16	54.0	9.87	AV	0.00	100	Vertical	Pass
6	16058.812	55.80	1.21	74.0	18.20	Peak	10.00	300	Vertical	Pass
6**	16058.812	44.81	1.21	54.0	9.19	AV	10.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.000	38.47	-17.06	74.0	35.53	Peak	94.00	300	Horizontal	Pass
1**	1525.000	29.69	-17.06	54.0	24.31	AV	94.00	300	Horizontal	Pass
2	4025.750	46.89	-6.04	74.0	27.11	Peak	256.00	100	Horizontal	Pass
2**	4025.750	37.05	-6.04	54.0	16.95	AV	256.00	100	Horizontal	Pass
3	5498.750	104.78	-2.54	--	--	Peak	5.00	200	Horizontal	N/A
3**	5498.750	97.46	-2.54	--	--	AV	5.00	200	Horizontal	N/A
4	7704.250	54.70	1.69	74.0	19.30	Peak	297.00	300	Horizontal	Pass
4**	7704.250	44.91	1.69	54.0	9.09	AV	297.00	300	Horizontal	Pass
5	11993.800	52.91	0.33	74.0	21.09	Peak	1.00	150	Horizontal	Pass
5**	11993.800	42.67	0.33	54.0	11.33	AV	1.00	150	Horizontal	Pass
6	16107.112	54.52	1.81	74.0	19.48	Peak	190.00	300	Horizontal	Pass
6**	16107.112	45.72	1.81	54.0	8.28	AV	190.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1436.600	38.07	-17.01	74.0	35.93	Peak	60.00	400	Vertical	Pass
1**	1436.600	28.94	-17.01	54.0	25.06	AV	60.00	400	Vertical	Pass
2	4350.250	47.85	-4.78	74.0	26.15	Peak	0.00	300	Vertical	Pass
2**	4350.250	37.55	-4.78	54.0	16.45	AV	0.00	300	Vertical	Pass
3	5498.750	102.83	-2.54	--	--	Peak	13.00	200	Vertical	N/A
3**	5498.750	95.25	-2.54	--	--	AV	13.00	200	Vertical	N/A
4	7707.000	53.60	1.71	74.0	20.40	Peak	232.00	100	Vertical	Pass
4**	7707.000	44.28	1.71	54.0	9.72	AV	232.00	100	Vertical	Pass
5	11715.450	52.69	-0.42	74.0	21.31	Peak	308.00	100	Vertical	Pass
5**	11715.450	43.63	-0.42	54.0	10.37	AV	308.00	100	Vertical	Pass
6	16110.262	54.86	1.83	74.0	19.14	Peak	81.00	400	Vertical	Pass
6**	16110.262	46.18	1.83	54.0	7.82	AV	81.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	39.33	-16.98	74.0	34.67	Peak	313.00	400	Horizontal	Pass
1**	1484.800	29.71	-16.98	54.0	24.29	AV	313.00	400	Horizontal	Pass
2	4306.250	46.63	-5.20	74.0	27.37	Peak	34.00	100	Horizontal	Pass
2**	4306.250	37.67	-5.20	54.0	16.33	AV	34.00	100	Horizontal	Pass
3	5578.500	105.92	-2.10	--	--	Peak	13.00	150	Horizontal	N/A
3**	5578.500	98.59	-2.10	--	--	AV	13.00	150	Horizontal	N/A
4	7609.000	53.85	0.28	74.0	20.15	Peak	360.00	300	Horizontal	Pass
4**	7609.000	43.96	0.28	54.0	10.04	AV	360.00	300	Horizontal	Pass
5	11699.063	53.08	-0.53	74.0	20.92	Peak	47.00	150	Horizontal	Pass
5**	11699.063	43.06	-0.53	54.0	10.94	AV	47.00	150	Horizontal	Pass
6	15892.650	54.61	1.97	74.0	19.39	Peak	200.00	400	Horizontal	Pass
6**	15892.650	46.98	1.97	54.0	7.02	AV	200.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1614.100	38.45	-16.79	74.0	35.55	Peak	258.00	300	Vertical	Pass
1**	1614.100	30.05	-16.79	54.0	23.95	AV	258.00	300	Vertical	Pass
2	4264.000	47.19	-4.74	74.0	26.81	Peak	0.00	400	Vertical	Pass
2**	4264.000	37.06	-4.74	54.0	16.94	AV	0.00	400	Vertical	Pass
3	5581.250	103.75	-1.94	--	--	Peak	339.00	100	Vertical	N/A
3**	5581.250	96.46	-1.94	--	--	AV	339.00	100	Vertical	N/A
4	7590.750	55.49	0.96	74.0	18.51	Peak	0.00	400	Vertical	Pass
4**	7590.750	44.67	0.96	54.0	9.33	AV	0.00	400	Vertical	Pass
5	12056.500	52.95	-0.21	74.0	21.05	Peak	272.00	100	Vertical	Pass
5**	12056.500	43.29	-0.21	54.0	10.71	AV	272.00	100	Vertical	Pass
6	15776.888	55.01	1.13	74.0	18.99	Peak	112.00	300	Vertical	Pass
6**	15776.888	44.28	1.13	54.0	9.72	AV	112.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1475.800	38.44	-17.20	74.0	35.56	Peak	164.00	200	Horizontal	Pass
1**	1475.800	28.76	-17.20	54.0	25.24	AV	164.00	200	Horizontal	Pass
2	4255.500	47.22	-3.95	74.0	26.78	Peak	95.00	300	Horizontal	Pass
2**	4255.500	38.29	-3.95	54.0	15.71	AV	95.00	300	Horizontal	Pass
3	5701.000	103.98	-2.25	--	--	Peak	12.00	200	Horizontal	N/A
3**	5701.000	97.25	-2.25	--	--	AV	12.00	200	Horizontal	N/A
4	7713.500	53.31	1.71	74.0	20.69	Peak	176.00	200	Horizontal	Pass
4**	7713.500	44.97	1.71	54.0	9.03	AV	176.00	200	Horizontal	Pass
5	12411.800	52.56	1.09	74.0	21.44	Peak	360.00	200	Horizontal	Pass
5**	12411.800	42.61	1.09	54.0	11.39	AV	360.00	200	Horizontal	Pass
6	15914.963	54.77	1.77	74.0	19.23	Peak	342.00	200	Horizontal	Pass
6**	15914.963	45.91	1.77	54.0	8.09	AV	342.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.100	38.67	-16.87	74.0	35.33	Peak	101.00	400	Vertical	Pass
1**	1620.100	29.77	-16.87	54.0	24.23	AV	101.00	400	Vertical	Pass
2	4083.000	46.92	-5.62	74.0	27.08	Peak	237.00	400	Vertical	Pass
2**	4083.000	36.93	-5.62	54.0	17.07	AV	237.00	400	Vertical	Pass
3	5698.750	102.54	-2.24	--	--	Peak	339.00	100	Vertical	N/A
3**	5698.750	95.25	-2.24	--	--	AV	339.00	100	Vertical	N/A
4	7419.750	53.37	1.28	74.0	20.63	Peak	113.00	300	Vertical	Pass
4**	7419.750	44.36	1.28	54.0	9.64	AV	113.00	300	Vertical	Pass
5	12233.675	52.34	0.88	74.0	21.66	Peak	210.00	150	Vertical	Pass
5**	12233.675	42.99	0.88	54.0	11.01	AV	210.00	150	Vertical	Pass
6	16110.525	55.06	1.84	74.0	18.94	Peak	0.00	400	Vertical	Pass
6**	16110.525	45.76	1.84	54.0	8.24	AV	0.00	400	Vertical	Pass

11ac40, 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	1478.500	38.69	-16.92	74.0	35.31	Peak	1.00	200	Horizontal	Pass
1**	1478.500	30.20	-16.92	54.0	23.80	AV	1.00	200	Horizontal	Pass
2	4260.000	47.82	-4.35	74.0	26.18	Peak	52.00	200	Horizontal	Pass
2**	4260.000	37.88	-4.35	54.0	16.12	AV	52.00	200	Horizontal	Pass
3	5508.250	100.56	-2.94	--	--	Peak	12.00	100	Horizontal	N/A
3**	5508.250	93.79	-2.94	--	--	AV	12.00	100	Horizontal	N/A
4	7705.250	53.54	2.03	74.0	20.46	Peak	336.00	400	Horizontal	Pass
4**	7705.250	45.05	2.03	54.0	8.95	AV	336.00	400	Horizontal	Pass
5	11729.937	53.13	-0.32	74.0	20.87	Peak	283.00	150	Horizontal	Pass
5**	11729.937	43.30	-0.32	54.0	10.70	AV	283.00	150	Horizontal	Pass
6	15902.363	54.64	1.99	74.0	19.36	Peak	59.00	200	Horizontal	Pass
6**	15902.363	45.49	1.99	54.0	8.51	AV	59.00	200	Horizontal	Pass

11ac40, 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	1579.000	38.29	-16.84	74.0	35.71	Peak	312.00	300	Vertical	Pass
1**	1579.000	28.51	-16.84	54.0	25.49	AV	312.00	300	Vertical	Pass
2	4257.500	47.16	-4.36	74.0	26.84	Peak	295.00	400	Vertical	Pass
2**	4257.500	38.40	-4.36	54.0	15.60	AV	295.00	400	Vertical	Pass
3	5512.250	98.05	-3.11	--	--	Peak	10.00	100	Vertical	N/A
3**	5512.250	91.08	-3.11	--	--	AV	10.00	100	Vertical	N/A
4	7423.000	53.65	1.54	74.0	20.35	Peak	275.00	200	Vertical	Pass
4**	7423.000	44.91	1.54	54.0	9.09	AV	275.00	200	Vertical	Pass
5	11797.151	52.54	-0.15	74.0	21.46	Peak	92.00	200	Vertical	Pass
5**	11797.151	43.42	-0.15	54.0	10.58	AV	92.00	200	Vertical	Pass
6	15421.200	54.81	2.53	74.0	19.19	Peak	341.00	400	Vertical	Pass
6**	15421.200	45.27	2.53	54.0	8.73	AV	341.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.300	38.47	-17.22	74.0	35.53	Peak	244.00	200	Horizontal	Pass
1**	1494.300	28.72	-17.22	54.0	25.28	AV	244.00	200	Horizontal	Pass
2	4055.750	47.31	-5.53	74.0	26.69	Peak	336.00	100	Horizontal	Pass
2**	4055.750	37.51	-5.53	54.0	16.49	AV	336.00	100	Horizontal	Pass
3	5588.750	101.47	-2.01	--	--	Peak	0.00	100	Horizontal	N/A
3**	5588.750	94.00	-2.01	--	--	AV	0.00	100	Horizontal	N/A
4	7409.500	54.11	0.66	74.0	19.89	Peak	336.00	300	Horizontal	Pass
4**	7409.500	44.27	0.66	54.0	9.73	AV	336.00	300	Horizontal	Pass
5	12398.026	52.87	1.10	74.0	21.13	Peak	1.00	100	Horizontal	Pass
5**	12398.026	42.60	1.10	54.0	11.40	AV	1.00	100	Horizontal	Pass
6	16117.613	55.26	1.89	74.0	18.74	Peak	33.00	100	Horizontal	Pass
6**	16117.613	45.50	1.89	54.0	8.50	AV	33.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1614.000	38.66	-16.70	74.0	35.34	Peak	13.00	200	Vertical	Pass
1**	1614.000	29.96	-16.70	54.0	24.04	AV	13.00	200	Vertical	Pass
2	4294.000	46.93	-4.73	74.0	27.07	Peak	237.00	300	Vertical	Pass
2**	4294.000	37.23	-4.73	54.0	16.77	AV	237.00	300	Vertical	Pass
3	5593.500	99.44	-2.59	--	--	Peak	337.00	200	Vertical	N/A
3**	5593.500	92.29	-2.59	--	--	AV	337.00	200	Vertical	N/A
4	7702.250	53.51	1.52	74.0	20.49	Peak	158.00	100	Vertical	Pass
4**	7702.250	44.98	1.52	54.0	9.02	AV	158.00	100	Vertical	Pass
5	11793.350	53.09	-0.15	74.0	20.91	Peak	1.00	150	Vertical	Pass
5**	11793.350	43.42	-0.15	54.0	10.58	AV	1.00	150	Vertical	Pass
6	16097.662	55.28	1.72	74.0	18.72	Peak	239.00	100	Vertical	Pass
6**	16097.662	45.67	1.72	54.0	8.33	AV	239.00	100	Vertical	Pass

11ac40, 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	1621.000	38.40	-16.86	74.0	35.60	Peak	151.00	200	Horizontal	Pass
1**	1621.000	28.95	-16.86	54.0	25.05	AV	151.00	200	Horizontal	Pass
2	4311.000	47.15	-5.50	74.0	26.85	Peak	336.00	200	Horizontal	Pass
2**	4311.000	37.43	-5.50	54.0	16.57	AV	336.00	200	Horizontal	Pass
3	5667.250	101.41	-2.54	--	--	Peak	5.00	200	Horizontal	N/A
3**	5667.250	93.55	-2.54	--	--	AV	5.00	200	Horizontal	N/A
4	7711.250	54.22	1.79	74.0	19.78	Peak	0.00	300	Horizontal	Pass
4**	7711.250	44.36	1.79	54.0	9.64	AV	0.00	300	Horizontal	Pass
5	11798.813	52.60	-0.15	74.0	21.40	Peak	360.00	100	Horizontal	Pass
5**	11798.813	43.39	-0.15	54.0	10.61	AV	360.00	100	Horizontal	Pass
6	16100.550	54.90	1.76	74.0	19.10	Peak	229.00	200	Horizontal	Pass
6**	16100.550	46.11	1.76	54.0	7.89	AV	229.00	200	Horizontal	Pass

11ac40, 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	1626.200	38.31	-16.77	74.0	35.69	Peak	360.00	400	Vertical	Pass
1**	1626.200	29.04	-16.77	54.0	24.96	AV	360.00	400	Vertical	Pass
2	4259.750	46.82	-4.42	74.0	27.18	Peak	13.00	400	Vertical	Pass
2**	4259.750	38.18	-4.42	54.0	15.82	AV	13.00	400	Vertical	Pass
3	5662.500	99.19	-2.53	--	--	Peak	359.00	100	Vertical	N/A
3**	5662.500	90.58	-2.53	--	--	AV	359.00	100	Vertical	N/A
4	7358.250	53.69	0.74	74.0	20.31	Peak	95.00	300	Vertical	Pass
4**	7358.250	44.78	0.74	54.0	9.22	AV	95.00	300	Vertical	Pass
5	12451.463	52.72	1.05	74.0	21.28	Peak	289.00	150	Vertical	Pass
5**	12451.463	42.88	1.05	54.0	11.12	AV	289.00	150	Vertical	Pass
6	15932.287	55.05	1.47	74.0	18.95	Peak	51.00	300	Vertical	Pass
6**	15932.287	45.05	1.47	54.0	8.95	AV	51.00	300	Vertical	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.700	38.88	-17.06	74.0	35.12	Peak	302.00	300	Horizontal	Pass
1**	1491.700	28.52	-17.06	54.0	25.48	AV	302.00	300	Horizontal	Pass
2	4322.000	47.76	-4.94	74.0	26.24	Peak	27.00	100	Horizontal	Pass
2**	4322.000	38.70	-4.94	54.0	15.30	AV	27.00	100	Horizontal	Pass
3	5533.000	98.99	-2.49	--	--	Peak	8.00	150	Horizontal	N/A
3**	5533.000	90.84	-2.49	--	--	AV	8.00	150	Horizontal	N/A
4	7676.000	53.57	0.79	74.0	20.43	Peak	87.00	200	Horizontal	Pass
4**	7676.000	44.21	0.79	54.0	9.79	AV	87.00	200	Horizontal	Pass
5	11748.700	52.53	-0.20	74.0	21.47	Peak	52.00	100	Horizontal	Pass
5**	11748.700	43.18	-0.20	54.0	10.82	AV	52.00	100	Horizontal	Pass
6	16073.513	54.50	1.40	74.0	19.50	Peak	158.00	400	Horizontal	Pass
6**	16073.513	44.82	1.40	54.0	9.18	AV	158.00	400	Horizontal	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.600	38.38	-17.01	74.0	35.62	Peak	154.00	300	Vertical	Pass
1**	1483.600	28.52	-17.01	54.0	25.48	AV	154.00	300	Vertical	Pass
2	4324.000	46.96	-4.89	74.0	27.04	Peak	360.00	300	Vertical	Pass
2**	4324.000	37.68	-4.89	54.0	16.32	AV	360.00	300	Vertical	Pass
3	5535.750	95.48	-2.30	--	--	Peak	344.00	150	Vertical	N/A
3**	5535.750	87.79	-2.30	--	--	AV	344.00	150	Vertical	N/A
4	7728.500	53.52	0.30	74.0	20.48	Peak	324.00	100	Vertical	Pass
4**	7728.500	43.80	0.30	54.0	10.20	AV	324.00	100	Vertical	Pass
5	12544.326	52.72	1.18	74.0	21.28	Peak	53.00	100	Vertical	Pass
5**	12544.326	42.79	1.18	54.0	11.21	AV	53.00	100	Vertical	Pass
6	15916.800	54.73	1.74	74.0	19.27	Peak	229.00	200	Vertical	Pass
6**	15916.800	45.86	1.74	54.0	8.14	AV	229.00	200	Vertical	Pass

11ac80, 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	1442.300	38.32	-16.70	74.0	35.68	Peak	64.00	300	Horizontal	Pass
1**	1442.300	28.92	-16.70	54.0	25.08	AV	64.00	300	Horizontal	Pass
2	4305.000	47.01	-5.36	74.0	26.99	Peak	339.00	100	Horizontal	Pass
2**	4305.000	37.35	-5.36	54.0	16.65	AV	339.00	100	Horizontal	Pass
3	5623.000	97.83	-2.50	--	--	Peak	9.00	150	Horizontal	N/A
3**	5623.000	90.09	-2.50	--	--	AV	9.00	150	Horizontal	N/A
4	7709.750	54.30	1.76	74.0	19.70	Peak	200.00	400	Horizontal	Pass
4**	7709.750	44.68	1.76	54.0	9.32	AV	200.00	400	Horizontal	Pass
5	11759.388	52.34	-0.19	74.0	21.66	Peak	101.00	100	Horizontal	Pass
5**	11759.388	43.50	-0.19	54.0	10.50	AV	101.00	100	Horizontal	Pass
6	16109.737	54.68	1.83	74.0	19.32	Peak	54.00	100	Horizontal	Pass
6**	16109.737	46.37	1.83	54.0	7.63	AV	54.00	100	Horizontal	Pass

11ac80, 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	1532.600	38.17	-17.15	74.0	35.83	Peak	0.00	200	Vertical	Pass
1**	1532.600	28.97	-17.15	54.0	25.03	AV	0.00	200	Vertical	Pass
2	4369.750	47.17	-5.04	74.0	26.83	Peak	202.00	100	Vertical	Pass
2**	4369.750	37.32	-5.04	54.0	16.68	AV	202.00	100	Vertical	Pass
3	5603.250	95.19	-2.39	--	--	Peak	0.00	150	Vertical	N/A
3**	5603.250	87.82	-2.39	--	--	AV	0.00	150	Vertical	N/A
4	7702.250	53.02	1.52	74.0	20.98	Peak	226.00	100	Vertical	Pass
4**	7702.250	44.40	1.52	54.0	9.60	AV	226.00	100	Vertical	Pass
5	12431.037	52.47	1.06	74.0	21.53	Peak	97.00	200	Vertical	Pass
5**	12431.037	43.07	1.06	54.0	10.93	AV	97.00	200	Vertical	Pass
6	16142.812	54.54	2.09	74.0	19.46	Peak	290.00	200	Vertical	Pass
6**	16142.812	45.27	2.09	54.0	8.73	AV	290.00	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	1451.900	38.80	-16.97	74.0	35.20	Peak	16.00	200	Horizontal	Pass
1**	1451.900	28.88	-16.97	54.0	25.12	AV	16.00	200	Horizontal	Pass
2	4365.250	47.06	-4.63	74.0	26.94	Peak	316.00	100	Horizontal	Pass
2**	4365.250	38.45	-4.63	54.0	15.55	AV	316.00	100	Horizontal	Pass
3	5746.000	104.44	-2.00	--	--	Peak	0.00	200	Horizontal	N/A
3**	5746.000	97.81	-2.00	--	--	AV	0.00	200	Horizontal	N/A
4	7671.000	53.18	0.74	74.0	20.82	Peak	244.00	200	Horizontal	Pass
4**	7671.000	43.12	0.74	54.0	10.88	AV	244.00	200	Horizontal	Pass
5	12266.213	52.44	0.93	74.0	21.56	Peak	140.00	200	Horizontal	Pass
5**	12266.213	44.79	0.93	54.0	9.21	AV	140.00	200	Horizontal	Pass
6	16122.863	54.90	1.93	74.0	19.10	Peak	314.00	300	Horizontal	Pass
6**	16122.863	45.56	1.93	54.0	8.44	AV	314.00	300	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	1610.900	38.15	-17.05	74.0	35.85	Peak	259.00	200	Vertical	Pass
1**	1610.900	28.69	-17.05	54.0	25.31	AV	259.00	200	Vertical	Pass
2	4025.500	47.22	-5.91	74.0	26.78	Peak	117.00	100	Vertical	Pass
2**	4025.500	37.01	-5.91	54.0	16.99	AV	117.00	100	Vertical	Pass
3	5744.000	102.39	-2.18	--	--	Peak	344.00	200	Vertical	N/A
3**	5744.000	95.86	-2.18	--	--	AV	344.00	200	Vertical	N/A
4	7440.500	53.29	0.62	74.0	20.71	Peak	0.00	200	Vertical	Pass
4**	7440.500	43.42	0.62	54.0	10.58	AV	0.00	200	Vertical	Pass
5	12518.200	52.71	1.33	74.0	21.29	Peak	315.00	200	Vertical	Pass
5**	12518.200	42.90	1.33	54.0	11.10	AV	315.00	200	Vertical	Pass
6	15917.850	54.89	1.72	74.0	19.11	Peak	61.00	400	Vertical	Pass
6**	15917.850	45.35	1.72	54.0	8.65	AV	61.00	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	1613.100	38.28	-16.60	74.0	35.72	Peak	282.00	400	Horizontal	Pass
1**	1613.100	28.98	-16.60	54.0	25.02	AV	282.00	400	Horizontal	Pass
2	4166.500	46.97	-5.50	74.0	27.03	Peak	74.00	300	Horizontal	Pass
2**	4166.500	37.42	-5.50	54.0	16.58	AV	74.00	300	Horizontal	Pass
3	5787.500	104.30	-2.46	--	--	Peak	125.00	200	Horizontal	N/A
3**	5787.500	96.10	-2.46	--	--	AV	125.00	200	Horizontal	N/A
4	7717.250	53.36	1.18	74.0	20.64	Peak	0.00	100	Horizontal	Pass
4**	7717.250	43.52	1.18	54.0	10.48	AV	0.00	100	Horizontal	Pass
5	11518.800	52.67	-0.84	74.0	21.33	Peak	72.00	150	Horizontal	Pass
5**	11518.800	42.37	-0.84	54.0	11.63	AV	72.00	150	Horizontal	Pass
6	16099.500	54.84	1.74	74.0	19.16	Peak	35.00	300	Horizontal	Pass
6**	16099.500	45.33	1.74	54.0	8.67	AV	35.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1529.000	38.24	-17.16	74.0	35.76	Peak	251.00	100	Vertical	Pass
1**	1529.000	28.93	-17.16	54.0	25.07	AV	251.00	100	Vertical	Pass
2	4250.750	46.64	-4.27	74.0	27.36	Peak	203.00	400	Vertical	Pass
2**	4250.750	37.83	-4.27	54.0	16.17	AV	203.00	400	Vertical	Pass
3	5786.500	102.15	-2.25	--	--	Peak	346.00	100	Vertical	N/A
3**	5786.500	95.01	-2.25	--	--	AV	346.00	100	Vertical	N/A
4	7710.250	53.33	1.90	74.0	20.67	Peak	224.00	100	Vertical	Pass
4**	7710.250	44.58	1.90	54.0	9.42	AV	224.00	100	Vertical	Pass
5	11799.287	52.48	-0.15	74.0	21.52	Peak	166.00	100	Vertical	Pass
5**	11799.287	43.30	-0.15	54.0	10.70	AV	166.00	100	Vertical	Pass
6	16065.901	54.65	1.30	74.0	19.35	Peak	234.00	300	Vertical	Pass
6**	16065.901	45.25	1.30	54.0	8.75	AV	234.00	300	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	1592.700	38.46	-16.50	74.0	35.54	Peak	0.00	200	Horizontal	Pass
1**	1592.700	29.04	-16.50	54.0	24.96	AV	0.00	200	Horizontal	Pass
2	4264.250	46.52	-4.83	74.0	27.48	Peak	242.00	300	Horizontal	Pass
2**	4264.250	37.71	-4.83	54.0	16.29	AV	242.00	300	Horizontal	Pass
3	5826.000	104.03	-2.58	--	--	Peak	122.00	100	Horizontal	N/A
3**	5826.000	96.59	-2.58	--	--	AV	122.00	100	Horizontal	N/A
4	7705.250	54.19	2.03	74.0	19.81	Peak	122.00	400	Horizontal	Pass
4**	7705.250	44.96	2.03	54.0	9.04	AV	122.00	400	Horizontal	Pass
5	12517.963	52.97	1.34	74.0	21.03	Peak	150.00	150	Horizontal	Pass
5**	12517.963	42.74	1.34	54.0	11.26	AV	150.00	150	Horizontal	Pass
6	16139.400	54.40	2.07	74.0	19.60	Peak	360.00	200	Horizontal	Pass
6**	16139.400	44.96	2.07	54.0	9.04	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.300	38.18	-17.07	74.0	35.82	Peak	0.00	200	Vertical	Pass
1**	1458.300	28.45	-17.07	54.0	25.55	AV	0.00	200	Vertical	Pass
2	4207.750	46.86	-4.90	74.0	27.14	Peak	186.00	400	Vertical	Pass
2**	4207.750	37.97	-4.90	54.0	16.03	AV	186.00	400	Vertical	Pass
3	5827.250	100.40	-2.49	--	--	Peak	18.00	100	Vertical	N/A
3**	5827.250	92.99	-2.49	--	--	AV	18.00	100	Vertical	N/A
4	7420.500	53.66	1.22	74.0	20.34	Peak	360.00	400	Vertical	Pass
4**	7420.500	43.61	1.22	54.0	10.39	AV	360.00	400	Vertical	Pass
5	11502.175	52.93	-0.62	74.0	21.07	Peak	166.00	100	Vertical	Pass
5**	11502.175	43.51	-0.62	54.0	10.49	AV	166.00	100	Vertical	Pass
6	16077.450	54.82	1.45	74.0	19.18	Peak	24.00	200	Vertical	Pass
6**	16077.450	44.90	1.45	54.0	9.10	AV	24.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.200	38.40	-16.45	74.0	35.60	Peak	0.00	200	Horizontal	Pass
1**	1512.200	29.34	-16.45	54.0	24.66	AV	0.00	200	Horizontal	Pass
2	4352.000	47.32	-4.80	74.0	26.68	Peak	0.00	300	Horizontal	Pass
2**	4352.000	37.35	-4.80	54.0	16.65	AV	0.00	300	Horizontal	Pass
3	5743.750	104.80	-2.18	--	--	Peak	134.00	100	Horizontal	N/A
3**	5743.750	97.67	-2.18	--	--	AV	134.00	100	Horizontal	N/A
4	7712.500	54.05	1.73	74.0	19.95	Peak	339.00	200	Horizontal	Pass
4**	7712.500	44.33	1.73	54.0	9.67	AV	339.00	200	Horizontal	Pass
5	12415.600	52.21	1.09	74.0	21.79	Peak	106.00	100	Horizontal	Pass
5**	12415.600	42.60	1.09	54.0	11.40	AV	106.00	100	Horizontal	Pass
6	16123.650	54.51	1.94	74.0	19.49	Peak	182.00	400	Horizontal	Pass
6**	16123.650	45.70	1.94	54.0	8.30	AV	182.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.500	38.44	-17.10	74.0	35.56	Peak	311.00	200	Vertical	Pass
1**	1481.500	30.51	-17.10	54.0	23.49	AV	311.00	200	Vertical	Pass
2	4321.000	47.72	-4.84	74.0	26.28	Peak	156.00	200	Vertical	Pass
2**	4321.000	38.11	-4.84	54.0	15.89	AV	156.00	200	Vertical	Pass
3	5746.500	102.95	-2.01	--	--	Peak	344.00	100	Vertical	N/A
3**	5746.500	94.90	-2.01	--	--	AV	344.00	100	Vertical	N/A
4	7459.000	53.16	0.39	74.0	20.84	Peak	72.00	100	Vertical	Pass
4**	7459.000	42.77	0.39	54.0	11.23	AV	72.00	100	Vertical	Pass
5	11517.375	52.51	-0.82	74.0	21.49	Peak	278.00	100	Vertical	Pass
5**	11517.375	42.83	-0.82	54.0	11.17	AV	278.00	100	Vertical	Pass
6	16092.675	54.21	1.65	74.0	19.79	Peak	341.00	200	Vertical	Pass
6**	16092.675	45.24	1.65	54.0	8.76	AV	341.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.500	38.53	-17.16	74.0	35.47	Peak	105.00	200	Horizontal	Pass
1**	1493.500	28.90	-17.16	54.0	25.10	AV	105.00	200	Horizontal	Pass
2	4358.500	46.84	-4.66	74.0	27.16	Peak	83.00	300	Horizontal	Pass
2**	4358.500	37.44	-4.66	54.0	16.56	AV	83.00	300	Horizontal	Pass
3	5784.000	104.22	-2.66	--	--	Peak	129.00	100	Horizontal	N/A
3**	5784.000	97.40	-2.66	--	--	AV	129.00	100	Horizontal	N/A
4	7709.500	53.54	1.88	74.0	20.46	Peak	300.00	400	Horizontal	Pass
4**	7709.500	45.35	1.88	54.0	8.65	AV	300.00	400	Horizontal	Pass
5	12113.025	52.67	-0.15	74.0	21.33	Peak	300.00	200	Horizontal	Pass
5**	12113.025	41.99	-0.15	54.0	12.01	AV	300.00	200	Horizontal	Pass
6	16111.575	54.97	1.84	74.0	19.03	Peak	242.00	400	Horizontal	Pass
6**	16111.575	45.78	1.84	54.0	8.22	AV	242.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.500	38.72	-16.78	74.0	35.28	Peak	0.00	200	Vertical	Pass
1**	1612.500	29.74	-16.78	54.0	24.26	AV	0.00	200	Vertical	Pass
2	4250.500	47.06	-4.38	74.0	26.94	Peak	305.00	400	Vertical	Pass
2**	4250.500	37.86	-4.38	54.0	16.14	AV	305.00	400	Vertical	Pass
3	5786.250	101.49	-2.30	--	--	Peak	346.00	100	Vertical	N/A
3**	5786.250	94.19	-2.30	--	--	AV	346.00	100	Vertical	N/A
4	7713.250	53.33	1.67	74.0	20.67	Peak	166.00	300	Vertical	Pass
4**	7713.250	45.39	1.67	54.0	8.61	AV	166.00	300	Vertical	Pass
5	11994.276	52.41	0.34	74.0	21.59	Peak	188.00	200	Vertical	Pass
5**	11994.276	42.69	0.34	54.0	11.31	AV	188.00	200	Vertical	Pass
6	16126.537	54.71	1.96	74.0	19.29	Peak	159.00	300	Vertical	Pass
6**	16126.537	44.62	1.96	54.0	9.38	AV	159.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1619.400	38.22	-17.05	74.0	35.78	Peak	307.00	300	Horizontal	Pass
1**	1619.400	29.09	-17.05	54.0	24.91	AV	307.00	300	Horizontal	Pass
2	4319.750	46.70	-5.08	74.0	27.30	Peak	290.00	400	Horizontal	Pass
2**	4319.750	38.31	-5.08	54.0	15.69	AV	290.00	400	Horizontal	Pass
3	5826.250	104.36	-2.69	--	--	Peak	111.00	200	Horizontal	N/A
3**	5826.250	97.14	-2.69	--	--	AV	111.00	200	Horizontal	N/A
4	7695.750	53.82	1.14	74.0	20.18	Peak	0.00	100	Horizontal	Pass
4**	7695.750	44.74	1.14	54.0	9.26	AV	0.00	100	Horizontal	Pass
5	11673.175	53.28	-0.96	74.0	20.72	Peak	21.00	150	Horizontal	Pass
5**	11673.175	43.50	-0.96	54.0	10.50	AV	21.00	150	Horizontal	Pass
6	16093.725	54.27	1.67	74.0	19.73	Peak	0.00	100	Horizontal	Pass
6**	16093.725	45.75	1.67	54.0	8.25	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.900	38.47	-17.19	74.0	35.53	Peak	60.00	400	Vertical	Pass
1**	1481.900	29.10	-17.19	54.0	24.90	AV	60.00	400	Vertical	Pass
2	4251.000	46.76	-4.04	74.0	27.24	Peak	111.00	400	Vertical	Pass
2**	4251.000	38.15	-4.04	54.0	15.85	AV	111.00	400	Vertical	Pass
3	5827.500	100.43	-2.54	--	--	Peak	4.00	150	Vertical	N/A
3**	5827.500	93.19	-2.54	--	--	AV	4.00	150	Vertical	N/A
4	7625.750	53.30	0.29	74.0	20.70	Peak	0.00	300	Vertical	Pass
4**	7625.750	43.78	0.29	54.0	10.22	AV	0.00	300	Vertical	Pass
5	12406.575	53.54	1.10	74.0	20.46	Peak	25.00	150	Vertical	Pass
5**	12406.575	42.96	1.10	54.0	11.04	AV	25.00	150	Vertical	Pass
6	16077.712	54.84	1.46	74.0	19.16	Peak	360.00	100	Vertical	Pass
6**	16077.712	45.64	1.46	54.0	8.36	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.000	38.34	-16.63	74.0	35.66	Peak	360.00	200	Horizontal	Pass
1**	1441.000	29.15	-16.63	54.0	24.85	AV	360.00	200	Horizontal	Pass
2	4395.000	47.06	-4.84	74.0	26.94	Peak	360.00	200	Horizontal	Pass
2**	4395.000	38.07	-4.84	54.0	15.93	AV	360.00	200	Horizontal	Pass
3	5751.750	101.13	-1.99	--	--	Peak	9.00	100	Horizontal	N/A
3**	5751.750	93.35	-1.99	--	--	AV	9.00	100	Horizontal	N/A
4	7368.250	53.39	0.79	74.0	20.61	Peak	223.00	100	Horizontal	Pass
4**	7368.250	43.37	0.79	54.0	10.63	AV	223.00	100	Horizontal	Pass
5	12170.738	52.83	0.15	74.0	21.17	Peak	117.00	150	Horizontal	Pass
5**	12170.738	42.56	0.15	54.0	11.44	AV	117.00	150	Horizontal	Pass
6	16065.637	54.46	1.30	74.0	19.54	Peak	87.00	200	Horizontal	Pass
6**	16065.637	45.43	1.30	54.0	8.57	AV	87.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.000	38.15	-16.74	74.0	35.85	Peak	0.00	200	Vertical	Pass
1**	1582.000	28.88	-16.74	54.0	25.12	AV	0.00	200	Vertical	Pass
2	4275.250	47.73	-5.25	74.0	26.27	Peak	360.00	300	Vertical	Pass
2**	4275.250	37.00	-5.25	54.0	17.00	AV	360.00	300	Vertical	Pass
3	5753.000	98.72	-2.15	--	--	Peak	341.00	100	Vertical	N/A
3**	5753.000	90.99	-2.15	--	--	AV	341.00	100	Vertical	N/A
4	7356.000	53.92	0.49	74.0	20.08	Peak	0.00	100	Vertical	Pass
4**	7356.000	44.62	0.49	54.0	9.38	AV	0.00	100	Vertical	Pass
5	11761.050	52.61	-0.18	74.0	21.39	Peak	237.00	200	Vertical	Pass
5**	11761.050	43.13	-0.18	54.0	10.87	AV	237.00	200	Vertical	Pass
6	15876.375	54.65	1.85	74.0	19.35	Peak	116.00	300	Vertical	Pass
6**	15876.375	45.13	1.85	54.0	8.87	AV	116.00	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	1511.200	38.73	-16.81	74.0	35.27	Peak	226.00	300	Horizontal	Pass
1**	1511.200	28.94	-16.81	54.0	25.06	AV	226.00	300	Horizontal	Pass
2	4385.250	46.69	-5.17	74.0	27.31	Peak	339.00	200	Horizontal	Pass
2**	4385.250	36.87	-5.17	54.0	17.13	AV	339.00	200	Horizontal	Pass
3	5793.500	100.26	-2.17	--	--	Peak	133.00	100	Horizontal	N/A
3**	5793.500	92.64	-2.17	--	--	AV	133.00	100	Horizontal	N/A
4	7704.000	53.70	1.37	74.0	20.30	Peak	6.00	300	Horizontal	Pass
4**	7704.000	43.91	1.37	54.0	10.09	AV	6.00	300	Horizontal	Pass
5	12509.412	53.16	1.38	74.0	20.84	Peak	227.00	200	Horizontal	Pass
5**	12509.412	43.73	1.38	54.0	10.27	AV	227.00	200	Horizontal	Pass
6	16096.874	55.15	1.71	74.0	18.85	Peak	288.00	200	Horizontal	Pass
6**	16096.874	45.63	1.71	54.0	8.37	AV	288.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1606.900	38.62	-16.73	74.0	35.38	Peak	212.00	400	Vertical	Pass
1**	1606.900	28.76	-16.73	54.0	25.24	AV	212.00	400	Vertical	Pass
2	4317.000	47.74	-5.30	74.0	26.26	Peak	144.00	100	Vertical	Pass
2**	4317.000	37.81	-5.30	54.0	16.19	AV	144.00	100	Vertical	Pass
3	5793.250	97.59	-2.18	--	--	Peak	344.00	100	Vertical	N/A
3**	5793.250	89.78	-2.18	--	--	AV	344.00	100	Vertical	N/A
4	7712.750	53.74	1.76	74.0	20.26	Peak	104.00	200	Vertical	Pass
4**	7712.750	44.03	1.76	54.0	9.97	AV	104.00	200	Vertical	Pass
5	12448.850	52.37	1.04	74.0	21.63	Peak	319.00	200	Vertical	Pass
5**	12448.850	43.03	1.04	54.0	10.97	AV	319.00	200	Vertical	Pass
6	15366.600	54.45	2.58	74.0	19.55	Peak	360.00	400	Vertical	Pass
6**	15366.600	43.96	2.58	54.0	10.04	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.300	38.17	-16.85	74.0	35.83	Peak	23.00	100	Horizontal	Pass
1**	1443.300	28.60	-16.85	54.0	25.40	AV	23.00	100	Horizontal	Pass
2	4255.000	46.86	-4.05	74.0	27.14	Peak	173.00	100	Horizontal	Pass
2**	4255.000	38.64	-4.05	54.0	15.36	AV	173.00	100	Horizontal	Pass
3	5746.000	104.86	-2.00	--	--	Peak	131.00	200	Horizontal	N/A
3**	5746.000	97.39	-2.00	--	--	AV	131.00	200	Horizontal	N/A
4	7711.750	53.56	2.04	74.0	20.44	Peak	41.00	100	Horizontal	Pass
4**	7711.750	44.54	2.04	54.0	9.46	AV	41.00	100	Horizontal	Pass
5	11749.412	52.64	-0.20	74.0	21.36	Peak	45.00	150	Horizontal	Pass
5**	11749.412	42.80	-0.20	54.0	11.20	AV	45.00	150	Horizontal	Pass
6	15441.937	54.55	2.11	74.0	19.45	Peak	327.00	200	Horizontal	Pass
6**	15441.937	44.91	2.11	54.0	9.09	AV	327.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.600	38.48	-17.04	74.0	35.52	Peak	310.00	400	Vertical	Pass
1**	1584.600	29.56	-17.04	54.0	24.44	AV	310.00	400	Vertical	Pass
2	4220.250	46.41	-5.17	74.0	27.59	Peak	23.00	100	Vertical	Pass
2**	4220.250	37.40	-5.17	54.0	16.60	AV	23.00	100	Vertical	Pass
3	5743.750	102.35	-2.18	--	--	Peak	344.00	100	Vertical	N/A
3**	5743.750	94.82	-2.18	--	--	AV	344.00	100	Vertical	N/A
4	7620.000	53.98	0.58	74.0	20.02	Peak	0.00	100	Vertical	Pass
4**	7620.000	43.84	0.58	54.0	10.16	AV	0.00	100	Vertical	Pass
5	12374.275	52.11	0.97	74.0	21.89	Peak	159.00	100	Vertical	Pass
5**	12374.275	42.36	0.97	54.0	11.64	AV	159.00	100	Vertical	Pass
6	16116.563	54.60	1.88	74.0	19.40	Peak	33.00	100	Vertical	Pass
6**	16116.563	45.96	1.88	54.0	8.04	AV	33.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.600	38.12	-16.93	74.0	35.88	Peak	0.00	100	Horizontal	Pass
1**	1595.600	28.92	-16.93	54.0	25.08	AV	0.00	100	Horizontal	Pass
2	4391.250	47.47	-5.25	74.0	26.53	Peak	273.00	300	Horizontal	Pass
2**	4391.250	37.12	-5.25	54.0	16.88	AV	273.00	300	Horizontal	Pass
3	5786.250	103.76	-2.30	--	--	Peak	133.00	200	Horizontal	N/A
3**	5786.250	97.22	-2.30	--	--	AV	133.00	200	Horizontal	N/A
4	7704.500	53.63	1.93	74.0	20.37	Peak	297.00	300	Horizontal	Pass
4**	7704.500	44.55	1.93	54.0	9.45	AV	297.00	300	Horizontal	Pass
5	11759.625	53.24	-0.19	74.0	20.76	Peak	217.00	100	Horizontal	Pass
5**	11759.625	43.71	-0.19	54.0	10.29	AV	217.00	100	Horizontal	Pass
6	15961.162	54.47	1.18	74.0	19.53	Peak	276.00	400	Horizontal	Pass
6**	15961.162	44.40	1.18	54.0	9.60	AV	276.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1473.000	38.56	-17.18	74.0	35.44	Peak	339.00	100	Vertical	Pass
1**	1473.000	28.50	-17.18	54.0	25.50	AV	339.00	100	Vertical	Pass
2	4319.000	47.27	-4.99	74.0	26.73	Peak	342.00	300	Vertical	Pass
2**	4319.000	37.80	-4.99	54.0	16.20	AV	342.00	300	Vertical	Pass
3	5784.000	101.19	-2.66	--	--	Peak	342.00	150	Vertical	N/A
3**	5784.000	94.15	-2.66	--	--	AV	342.00	150	Vertical	N/A
4	7667.250	53.45	0.91	74.0	20.55	Peak	0.00	200	Vertical	Pass
4**	7667.250	43.78	0.91	54.0	10.22	AV	0.00	200	Vertical	Pass
5	12211.112	52.76	0.56	74.0	21.24	Peak	297.00	150	Vertical	Pass
5**	12211.112	42.81	0.56	54.0	11.19	AV	297.00	150	Vertical	Pass
6	15929.925	54.28	1.51	74.0	19.72	Peak	358.00	100	Vertical	Pass
6**	15929.925	44.46	1.51	54.0	9.54	AV	358.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.500	38.03	-17.35	74.0	35.97	Peak	37.00	400	Horizontal	Pass
1**	1494.500	28.46	-17.35	54.0	25.54	AV	37.00	400	Horizontal	Pass
2	4236.000	47.19	-5.31	74.0	26.81	Peak	360.00	200	Horizontal	Pass
2**	4236.000	37.38	-5.31	54.0	16.62	AV	360.00	200	Horizontal	Pass
3	5823.500	104.19	-2.77	--	--	Peak	118.00	100	Horizontal	N/A
3**	5823.500	96.92	-2.77	--	--	AV	118.00	100	Horizontal	N/A
4	7643.000	53.42	0.82	74.0	20.58	Peak	341.00	200	Horizontal	Pass
4**	7643.000	43.81	0.82	54.0	10.19	AV	341.00	200	Horizontal	Pass
5	11804.276	52.96	-0.19	74.0	21.04	Peak	235.00	200	Horizontal	Pass
5**	11804.276	43.43	-0.19	54.0	10.57	AV	235.00	200	Horizontal	Pass
6	16123.912	54.79	1.94	74.0	19.21	Peak	181.00	200	Horizontal	Pass
6**	16123.912	45.55	1.94	54.0	8.45	AV	181.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1565.800	38.05	-17.30	74.0	35.95	Peak	247.00	400	Vertical	Pass
1**	1565.800	28.87	-17.30	54.0	25.13	AV	247.00	400	Vertical	Pass
2	4246.250	46.74	-4.29	74.0	27.26	Peak	223.00	300	Vertical	Pass
2**	4246.250	37.61	-4.29	54.0	16.39	AV	223.00	300	Vertical	Pass
3	5823.750	100.48	-2.78	--	--	Peak	0.00	200	Vertical	N/A
3**	5823.750	93.31	-2.78	--	--	AV	0.00	200	Vertical	N/A
4	7689.500	53.33	1.04	74.0	20.67	Peak	295.00	400	Vertical	Pass
4**	7689.500	44.54	1.04	54.0	9.46	AV	295.00	400	Vertical	Pass
5	12433.651	52.57	1.06	74.0	21.43	Peak	60.00	100	Vertical	Pass
5**	12433.651	42.62	1.06	54.0	11.38	AV	60.00	100	Vertical	Pass
6	15892.650	54.59	1.97	74.0	19.41	Peak	279.00	100	Vertical	Pass
6**	15892.650	45.60	1.97	54.0	8.40	AV	279.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1575.400	38.79	-16.94	74.0	35.21	Peak	345.00	400	Horizontal	Pass
1**	1575.400	29.51	-16.94	54.0	24.49	AV	345.00	400	Horizontal	Pass
2	4055.000	47.20	-5.24	74.0	26.80	Peak	273.00	300	Horizontal	Pass
2**	4055.000	37.37	-5.24	54.0	16.63	AV	273.00	300	Horizontal	Pass
3	5758.000	100.58	-2.05	--	--	Peak	11.00	200	Horizontal	N/A
3**	5758.000	93.23	-2.05	--	--	AV	11.00	200	Horizontal	N/A
4	7704.250	53.63	1.69	74.0	20.37	Peak	11.00	400	Horizontal	Pass
4**	7704.250	44.08	1.69	54.0	9.92	AV	11.00	400	Horizontal	Pass
5	12457.638	52.47	1.10	74.0	21.53	Peak	193.00	200	Horizontal	Pass
5**	12457.638	42.57	1.10	54.0	11.43	AV	193.00	200	Horizontal	Pass
6	16128.900	55.11	1.98	74.0	18.89	Peak	0.00	200	Horizontal	Pass
6**	16128.900	44.98	1.98	54.0	9.02	AV	0.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.700	38.48	-16.80	74.0	35.52	Peak	0.00	300	Vertical	Pass
1**	1480.700	29.02	-16.80	54.0	24.98	AV	0.00	300	Vertical	Pass
2	4355.250	46.76	-4.77	74.0	27.24	Peak	297.00	400	Vertical	Pass
2**	4355.250	37.53	-4.77	54.0	16.47	AV	297.00	400	Vertical	Pass
3	5752.250	98.92	-2.02	--	--	Peak	341.00	100	Vertical	N/A
3**	5752.250	91.45	-2.02	--	--	AV	341.00	100	Vertical	N/A
4	7698.750	53.18	0.94	74.0	20.82	Peak	203.00	100	Vertical	Pass
4**	7698.750	43.90	0.94	54.0	10.10	AV	203.00	100	Vertical	Pass
5	12443.150	52.63	1.05	74.0	21.37	Peak	4.00	150	Vertical	Pass
5**	12443.150	43.34	1.05	54.0	10.66	AV	4.00	150	Vertical	Pass
6	15887.138	54.56	1.93	74.0	19.44	Peak	235.00	200	Vertical	Pass
6**	15887.138	46.13	1.93	54.0	7.87	AV	235.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1453.100	38.44	-16.94	74.0	35.56	Peak	215.00	200	Horizontal	Pass
1**	1453.100	29.44	-16.94	54.0	24.56	AV	215.00	200	Horizontal	Pass
2	4189.500	46.84	-5.63	74.0	27.16	Peak	324.00	300	Horizontal	Pass
2**	4189.500	37.23	-5.63	54.0	16.77	AV	324.00	300	Horizontal	Pass
3	5793.250	100.29	-2.18	--	--	Peak	121.00	200	Horizontal	N/A
3**	5793.250	93.04	-2.18	--	--	AV	121.00	200	Horizontal	N/A
4	7345.500	53.61	-0.19	74.0	20.39	Peak	0.00	400	Horizontal	Pass
4**	7345.500	42.83	-0.19	54.0	11.17	AV	0.00	400	Horizontal	Pass
5	11790.262	52.26	-0.15	74.0	21.74	Peak	289.00	150	Horizontal	Pass
5**	11790.262	43.26	-0.15	54.0	10.74	AV	289.00	150	Horizontal	Pass
6	16086.638	54.67	1.57	74.0	19.33	Peak	211.00	300	Horizontal	Pass
6**	16086.638	45.73	1.57	54.0	8.27	AV	211.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.100	38.11	-16.87	74.0	35.89	Peak	183.00	100	Vertical	Pass
1**	1620.100	29.39	-16.87	54.0	24.61	AV	183.00	100	Vertical	Pass
2	4282.500	46.78	-4.91	74.0	27.22	Peak	240.00	400	Vertical	Pass
2**	4282.500	37.00	-4.91	54.0	17.00	AV	240.00	400	Vertical	Pass
3	5793.750	97.76	-2.16	--	--	Peak	344.00	200	Vertical	N/A
3**	5793.750	90.77	-2.16	--	--	AV	344.00	200	Vertical	N/A
4	7729.750	53.32	0.53	74.0	20.68	Peak	302.00	100	Vertical	Pass
4**	7729.750	43.41	0.53	54.0	10.59	AV	302.00	100	Vertical	Pass
5	12008.526	52.50	0.35	74.0	21.50	Peak	350.00	150	Vertical	Pass
5**	12008.526	42.63	0.35	54.0	11.37	AV	350.00	150	Vertical	Pass
6	16126.800	54.33	1.97	74.0	19.67	Peak	179.00	300	Vertical	Pass
6**	16126.800	45.77	1.97	54.0	8.23	AV	179.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.400	38.49	-16.85	74.0	35.51	Peak	187.00	400	Horizontal	Pass
1**	1583.400	28.38	-16.85	54.0	25.62	AV	187.00	400	Horizontal	Pass
2	4320.750	46.95	-4.72	74.0	27.05	Peak	121.00	200	Horizontal	Pass
2**	4320.750	38.11	-4.72	54.0	15.89	AV	121.00	200	Horizontal	Pass
3	5780.750	96.33	-2.83	--	--	Peak	121.00	150	Horizontal	N/A
3**	5780.750	88.18	-2.83	--	--	AV	121.00	150	Horizontal	N/A
4	7363.250	53.80	0.63	74.0	20.20	Peak	162.00	300	Horizontal	Pass
4**	7363.250	43.41	0.63	54.0	10.59	AV	162.00	300	Horizontal	Pass
5	11752.738	53.01	-0.19	74.0	20.99	Peak	333.00	100	Horizontal	Pass
5**	11752.738	44.30	-0.19	54.0	9.70	AV	333.00	100	Horizontal	Pass
6	15907.350	55.20	1.90	74.0	18.80	Peak	358.00	200	Horizontal	Pass
6**	15907.350	45.24	1.90	54.0	8.76	AV	358.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	38.68	-16.94	74.0	35.32	Peak	319.00	200	Vertical	Pass
1**	1484.700	29.67	-16.94	54.0	24.33	AV	319.00	200	Vertical	Pass
2	4302.000	47.08	-5.35	74.0	26.92	Peak	244.00	300	Vertical	Pass
2**	4302.000	37.69	-5.35	54.0	16.31	AV	244.00	300	Vertical	Pass
3	5777.250	94.10	-2.68	--	--	Peak	344.00	200	Vertical	N/A
3**	5777.250	85.99	-2.68	--	--	AV	344.00	200	Vertical	N/A
4	7679.250	53.27	0.84	74.0	20.73	Peak	23.00	400	Vertical	Pass
4**	7679.250	43.94	0.84	54.0	10.06	AV	23.00	400	Vertical	Pass
5	12254.812	53.09	1.05	74.0	20.91	Peak	24.00	200	Vertical	Pass
5**	12254.812	43.43	1.05	54.0	10.57	AV	24.00	200	Vertical	Pass
6	16095.563	54.93	1.69	74.0	19.07	Peak	26.00	100	Vertical	Pass
6**	16095.563	45.43	1.69	54.0	8.57	AV	26.00	100	Vertical	Pass

11a, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.600	38.49	-16.58	74.0	35.51	Peak	46.00	100	Horizontal	Pass
1**	1592.600	28.81	-16.58	54.0	25.19	AV	46.00	100	Horizontal	Pass
2	4040.500	47.20	-5.53	74.0	26.80	Peak	360.00	400	Horizontal	Pass
2**	4040.500	37.02	-5.53	54.0	16.98	AV	360.00	400	Horizontal	Pass
3	5719.000	104.94	-2.02	--	--	Peak	39.00	200	Horizontal	N/A
3**	5719.000	97.45	-2.02	--	--	AV	39.00	200	Horizontal	N/A
4	7702.250	53.16	1.52	74.0	20.84	Peak	326.00	200	Horizontal	Pass
4**	7702.250	44.47	1.52	54.0	9.53	AV	326.00	200	Horizontal	Pass
5	12229.638	52.08	0.82	74.0	21.92	Peak	339.00	100	Horizontal	Pass
5**	12229.638	42.77	0.82	54.0	11.23	AV	339.00	100	Horizontal	Pass
6	15903.938	54.64	1.96	74.0	19.36	Peak	153.00	400	Horizontal	Pass
6**	15903.938	44.95	1.96	54.0	9.05	AV	153.00	400	Horizontal	Pass

11a, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.100	38.69	-16.97	74.0	35.31	Peak	283.00	100	Vertical	Pass
1**	1593.100	28.88	-16.97	54.0	25.12	AV	283.00	100	Vertical	Pass
2	4007.500	47.39	-5.58	74.0	26.61	Peak	70.00	400	Vertical	Pass
2**	4007.500	38.06	-5.58	54.0	15.94	AV	70.00	400	Vertical	Pass
3	5718.750	101.48	-2.06	--	--	Peak	19.00	100	Vertical	N/A
3**	5718.750	95.05	-2.06	--	--	AV	19.00	100	Vertical	N/A
4	7485.250	53.74	1.24	74.0	20.26	Peak	0.00	300	Vertical	Pass
4**	7485.250	43.89	1.24	54.0	10.11	AV	0.00	300	Vertical	Pass
5	12085.238	52.66	-0.20	74.0	21.34	Peak	1.00	100	Vertical	Pass
5**	12085.238	42.02	-0.20	54.0	11.98	AV	1.00	100	Vertical	Pass
6	15894.225	55.18	1.98	74.0	18.82	Peak	340.00	200	Vertical	Pass
6**	15894.225	45.64	1.98	54.0	8.36	AV	340.00	200	Vertical	Pass

11n20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.800	38.28	-17.13	74.0	35.72	Peak	223.00	100	Horizontal	Pass
1**	1483.800	28.74	-17.13	54.0	25.26	AV	223.00	100	Horizontal	Pass
2	4318.500	47.42	-5.26	74.0	26.58	Peak	327.00	100	Horizontal	Pass
2**	4318.500	37.82	-5.26	54.0	16.18	AV	327.00	100	Horizontal	Pass
3	5719.250	104.49	-2.15	--	--	Peak	18.00	200	Horizontal	N/A
3**	5719.250	97.50	-2.15	--	--	AV	18.00	200	Horizontal	N/A
4	7713.250	53.59	1.67	74.0	20.41	Peak	254.00	100	Horizontal	Pass
4**	7713.250	44.96	1.67	54.0	9.04	AV	254.00	100	Horizontal	Pass
5	12456.925	52.82	1.09	74.0	21.18	Peak	31.00	100	Horizontal	Pass
5**	12456.925	42.91	1.09	54.0	11.09	AV	31.00	100	Horizontal	Pass
6	16130.213	54.69	1.99	74.0	19.31	Peak	11.00	300	Horizontal	Pass
6**	16130.213	45.29	1.99	54.0	8.71	AV	11.00	300	Horizontal	Pass

11n20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1616.000	38.18	-16.80	74.0	35.82	Peak	337.00	100	Vertical	Pass
1**	1616.000	29.89	-16.80	54.0	24.11	AV	337.00	100	Vertical	Pass
2	4274.000	46.71	-4.81	74.0	27.29	Peak	360.00	300	Vertical	Pass
2**	4274.000	37.42	-4.81	54.0	16.58	AV	360.00	300	Vertical	Pass
3	5718.750	102.01	-2.06	--	--	Peak	360.00	100	Vertical	N/A
3**	5718.750	95.05	-2.06	--	--	AV	360.00	100	Vertical	N/A
4	7676.000	53.76	0.79	74.0	20.24	Peak	323.00	100	Vertical	Pass
4**	7676.000	44.77	0.79	54.0	9.23	AV	323.00	100	Vertical	Pass
5	11800.475	53.17	-0.15	74.0	20.83	Peak	161.00	150	Vertical	Pass
5**	11800.475	43.60	-0.15	54.0	10.40	AV	161.00	150	Vertical	Pass
6	16120.762	55.11	1.92	74.0	18.89	Peak	191.00	100	Vertical	Pass
6**	16120.762	45.66	1.92	54.0	8.34	AV	191.00	100	Vertical	Pass

11n40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.200	38.71	-17.01	74.0	35.29	Peak	302.00	300	Horizontal	Pass
1**	1508.200	28.61	-17.01	54.0	25.39	AV	302.00	300	Horizontal	Pass
2	3976.000	47.98	-5.31	74.0	26.02	Peak	182.00	300	Horizontal	Pass
2**	3976.000	36.95	-5.31	54.0	17.05	AV	182.00	300	Horizontal	Pass
3	5711.750	100.75	-2.17	--	--	Peak	19.00	200	Horizontal	N/A
3**	5711.750	93.15	-2.17	--	--	AV	19.00	200	Horizontal	N/A
4	7685.000	53.15	0.95	74.0	20.85	Peak	343.00	400	Horizontal	Pass
4**	7685.000	43.78	0.95	54.0	10.22	AV	343.00	400	Horizontal	Pass
5	12003.063	52.93	0.43	74.0	21.07	Peak	44.00	100	Horizontal	Pass
5**	12003.063	43.19	0.43	54.0	10.81	AV	44.00	100	Horizontal	Pass
6	15909.450	54.21	1.86	74.0	19.79	Peak	357.00	100	Horizontal	Pass
6**	15909.450	45.44	1.86	54.0	8.56	AV	357.00	100	Horizontal	Pass

11n40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.300	39.00	-17.03	74.0	35.00	Peak	232.00	300	Vertical	Pass
1**	1508.300	28.98	-17.03	54.0	25.02	AV	232.00	300	Vertical	Pass
2	4273.000	47.30	-5.23	74.0	26.70	Peak	91.00	200	Vertical	Pass
2**	4273.000	37.20	-5.23	54.0	16.80	AV	91.00	200	Vertical	Pass
3	5712.250	98.48	-2.39	--	--	Peak	360.00	100	Vertical	N/A
3**	5712.250	90.77	-2.39	--	--	AV	360.00	100	Vertical	N/A
4	7704.250	53.56	1.69	74.0	20.44	Peak	291.00	200	Vertical	Pass
4**	7704.250	45.47	1.69	54.0	8.53	AV	291.00	200	Vertical	Pass
5	12513.212	52.81	1.36	74.0	21.19	Peak	26.00	200	Vertical	Pass
5**	12513.212	43.36	1.36	54.0	10.64	AV	26.00	200	Vertical	Pass
6	16063.799	54.85	1.27	74.0	19.15	Peak	353.00	100	Vertical	Pass
6**	16063.799	45.20	1.27	54.0	8.80	AV	353.00	100	Vertical	Pass

11ac20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	39.39	-16.94	74.0	34.61	Peak	339.00	200	Horizontal	Pass
1**	1484.700	29.75	-16.94	54.0	24.25	AV	339.00	200	Horizontal	Pass
2	4241.000	47.39	-4.75	74.0	26.61	Peak	17.00	200	Horizontal	Pass
2**	4241.000	36.85	-4.75	54.0	17.15	AV	17.00	200	Horizontal	Pass
3	5722.000	104.35	-2.52	--	--	Peak	17.00	150	Horizontal	N/A
3**	5722.000	96.61	-2.52	--	--	AV	17.00	150	Horizontal	N/A
4	7705.250	54.33	2.03	74.0	19.67	Peak	158.00	400	Horizontal	Pass
4**	7705.250	46.00	2.03	54.0	8.00	AV	158.00	400	Horizontal	Pass
5	11513.813	52.64	-0.77	74.0	21.36	Peak	246.00	200	Horizontal	Pass
5**	11513.813	43.14	-0.77	54.0	10.86	AV	246.00	200	Horizontal	Pass
6	15909.713	54.71	1.86	74.0	19.29	Peak	111.00	400	Horizontal	Pass
6**	15909.713	45.20	1.86	54.0	8.80	AV	111.00	400	Horizontal	Pass

11ac20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.100	38.14	-17.18	74.0	35.86	Peak	83.00	100	Vertical	Pass
1**	1506.100	28.36	-17.18	54.0	25.64	AV	83.00	100	Vertical	Pass
2	4394.500	46.82	-4.73	74.0	27.18	Peak	306.00	200	Vertical	Pass
2**	4394.500	38.41	-4.73	54.0	15.59	AV	306.00	200	Vertical	Pass
3	5719.000	101.89	-2.02	--	--	Peak	352.00	100	Vertical	N/A
3**	5719.000	94.87	-2.02	--	--	AV	352.00	100	Vertical	N/A
4	7356.250	53.51	0.53	74.0	20.49	Peak	330.00	200	Vertical	Pass
4**	7356.250	44.28	0.53	54.0	9.72	AV	330.00	200	Vertical	Pass
5	11529.487	52.70	-0.97	74.0	21.30	Peak	176.00	100	Vertical	Pass
5**	11529.487	42.17	-0.97	54.0	11.83	AV	176.00	100	Vertical	Pass
6	16097.138	54.73	1.71	74.0	19.27	Peak	282.00	100	Vertical	Pass
6**	16097.138	45.69	1.71	54.0	8.31	AV	282.00	100	Vertical	Pass

11ac40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.700	38.82	-17.08	74.0	35.18	Peak	125.00	300	Horizontal	Pass
1**	1458.700	28.66	-17.08	54.0	25.34	AV	125.00	300	Horizontal	Pass
2	4269.500	47.39	-5.07	74.0	26.61	Peak	59.00	200	Horizontal	Pass
2**	4269.500	37.25	-5.07	54.0	16.75	AV	59.00	200	Horizontal	Pass
3	5707.250	100.63	-2.37	--	--	Peak	159.00	150	Horizontal	N/A
3**	5707.250	94.05	-2.37	--	--	AV	159.00	150	Horizontal	N/A
4	7712.250	53.39	1.81	74.0	20.61	Peak	181.00	200	Horizontal	Pass
4**	7712.250	44.23	1.81	54.0	9.77	AV	181.00	200	Horizontal	Pass
5	12431.750	52.43	1.06	74.0	21.57	Peak	34.00	100	Horizontal	Pass
5**	12431.750	42.74	1.06	54.0	11.26	AV	34.00	100	Horizontal	Pass
6	16120.237	54.67	1.91	74.0	19.33	Peak	50.00	100	Horizontal	Pass
6**	16120.237	45.19	1.91	54.0	8.81	AV	50.00	100	Horizontal	Pass

11ac40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.900	38.53	-17.29	74.0	35.47	Peak	59.00	300	Vertical	Pass
1**	1521.900	29.03	-17.29	54.0	24.97	AV	59.00	300	Vertical	Pass
2	4182.000	46.82	-5.32	74.0	27.18	Peak	271.00	400	Vertical	Pass
2**	4182.000	37.50	-5.32	54.0	16.50	AV	271.00	400	Vertical	Pass
3	5707.750	98.05	-2.44	--	--	Peak	360.00	100	Vertical	N/A
3**	5707.750	91.10	-2.44	--	--	AV	360.00	100	Vertical	N/A
4	7427.500	53.63	1.29	74.0	20.37	Peak	360.00	400	Vertical	Pass
4**	7427.500	44.37	1.29	54.0	9.63	AV	360.00	400	Vertical	Pass
5	12469.276	52.65	1.19	74.0	21.35	Peak	283.00	200	Vertical	Pass
5**	12469.276	42.25	1.19	54.0	11.75	AV	283.00	200	Vertical	Pass
6	16133.625	54.29	2.02	74.0	19.71	Peak	213.00	100	Vertical	Pass
6**	16133.625	45.42	2.02	54.0	8.58	AV	213.00	100	Vertical	Pass

11ac80, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 138 Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.800	38.90	-16.92	74.0	35.10	Peak	147.00	400	Horizontal	Pass
1**	1485.800	30.07	-16.92	54.0	23.93	AV	147.00	400	Horizontal	Pass
2	4357.750	46.94	-4.70	74.0	27.06	Peak	348.00	100	Horizontal	Pass
2**	4357.750	38.34	-4.70	54.0	15.66	AV	348.00	100	Horizontal	Pass
3	5691.500	97.28	-2.30	--	--	Peak	138.00	200	Horizontal	N/A
3**	5691.500	89.15	-2.30	--	--	AV	138.00	200	Horizontal	N/A
4	7692.250	53.89	0.93	74.0	20.11	Peak	45.00	400	Horizontal	Pass
4**	7692.250	44.63	0.93	54.0	9.37	AV	45.00	400	Horizontal	Pass
5	11990.950	52.55	0.27	74.0	21.45	Peak	131.00	150	Horizontal	Pass
5**	11990.950	43.16	0.27	54.0	10.84	AV	131.00	150	Horizontal	Pass
6	16073.513	54.45	1.40	74.0	19.55	Peak	360.00	300	Horizontal	Pass
6**	16073.513	45.73	1.40	54.0	8.27	AV	360.00	300	Horizontal	Pass

11ac80, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 138 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1448.700	38.09	-17.07	74.0	35.91	Peak	58.00	100	Vertical	Pass
1**	1448.700	29.13	-17.07	54.0	24.87	AV	58.00	100	Vertical	Pass
2	4362.250	46.84	-5.02	74.0	27.16	Peak	360.00	300	Vertical	Pass
2**	4362.250	37.27	-5.02	54.0	16.73	AV	360.00	300	Vertical	Pass
3	5683.000	95.52	-2.27	--	--	Peak	360.00	100	Vertical	N/A
3**	5683.000	87.62	-2.27	--	--	AV	360.00	100	Vertical	N/A
4	7682.750	53.61	0.69	74.0	20.39	Peak	210.00	200	Vertical	Pass
4**	7682.750	44.10	0.69	54.0	9.90	AV	210.00	200	Vertical	Pass
5	11777.675	52.93	-0.17	74.0	21.07	Peak	258.00	100	Vertical	Pass
5**	11777.675	43.13	-0.17	54.0	10.87	AV	258.00	100	Vertical	Pass
6	16082.700	54.65	1.52	74.0	19.35	Peak	242.00	300	Vertical	Pass
6**	16082.700	46.15	1.52	54.0	7.85	AV	242.00	300	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

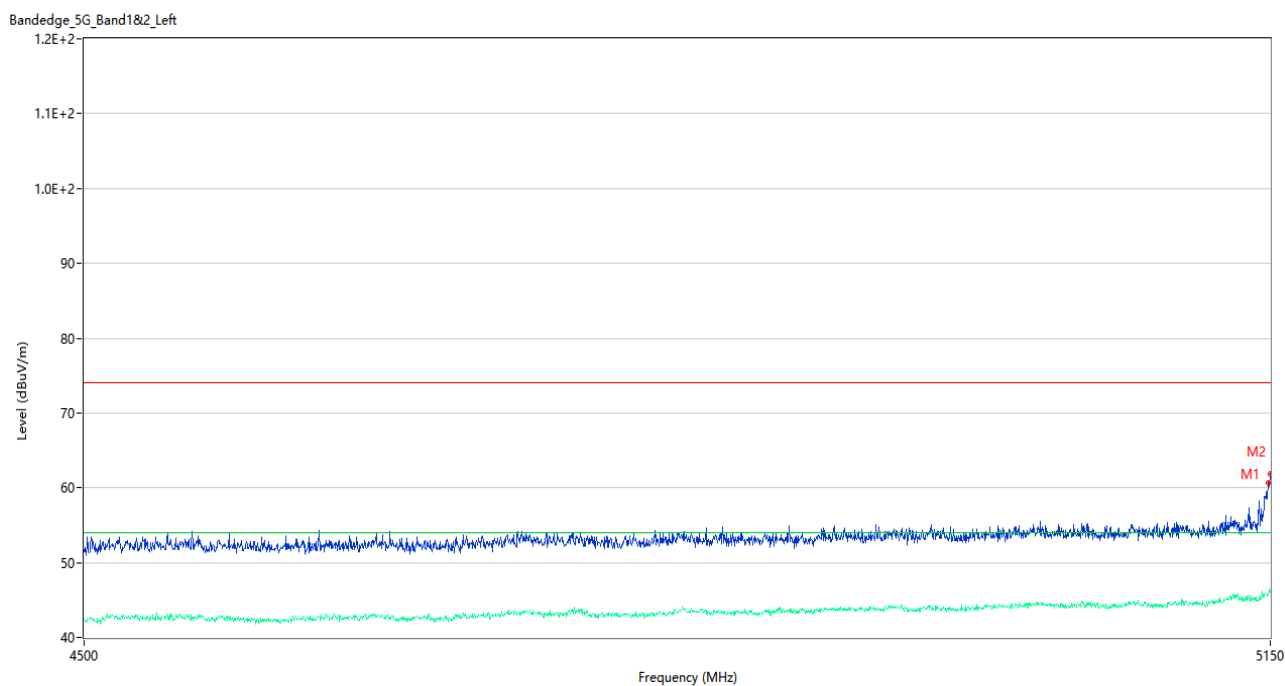
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2C	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Low	Pass
		High	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass

	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass

Test Band	Mode	Channel	Verdict
U-NII-2C & U-NII-3	802.11a	144	Pass
	802.11n(HT20)	144	Pass
	802.11n(HT40)	142	Pass
	802.11ac(VHT20)	144	Pass
	802.11ac(VHT40)	142	Pass
	802.11ac(VHT80)	138	Pass

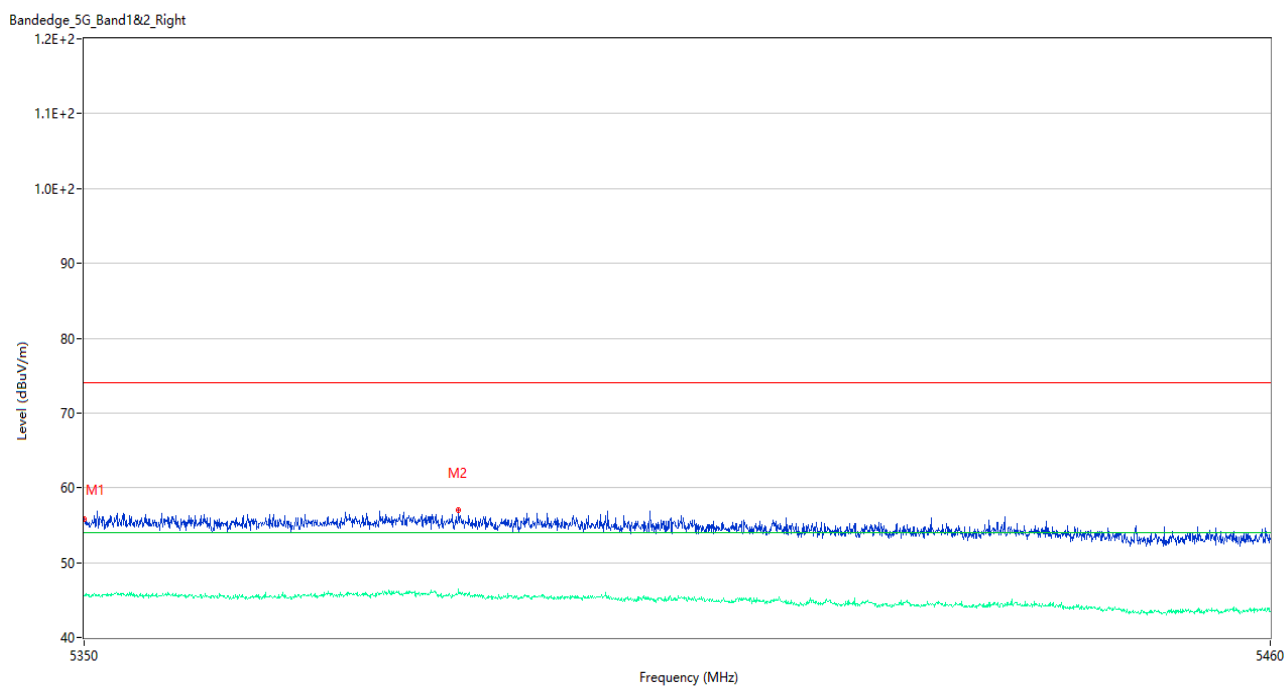
Test Data and Plots

U-NII-1 11a Low Channel



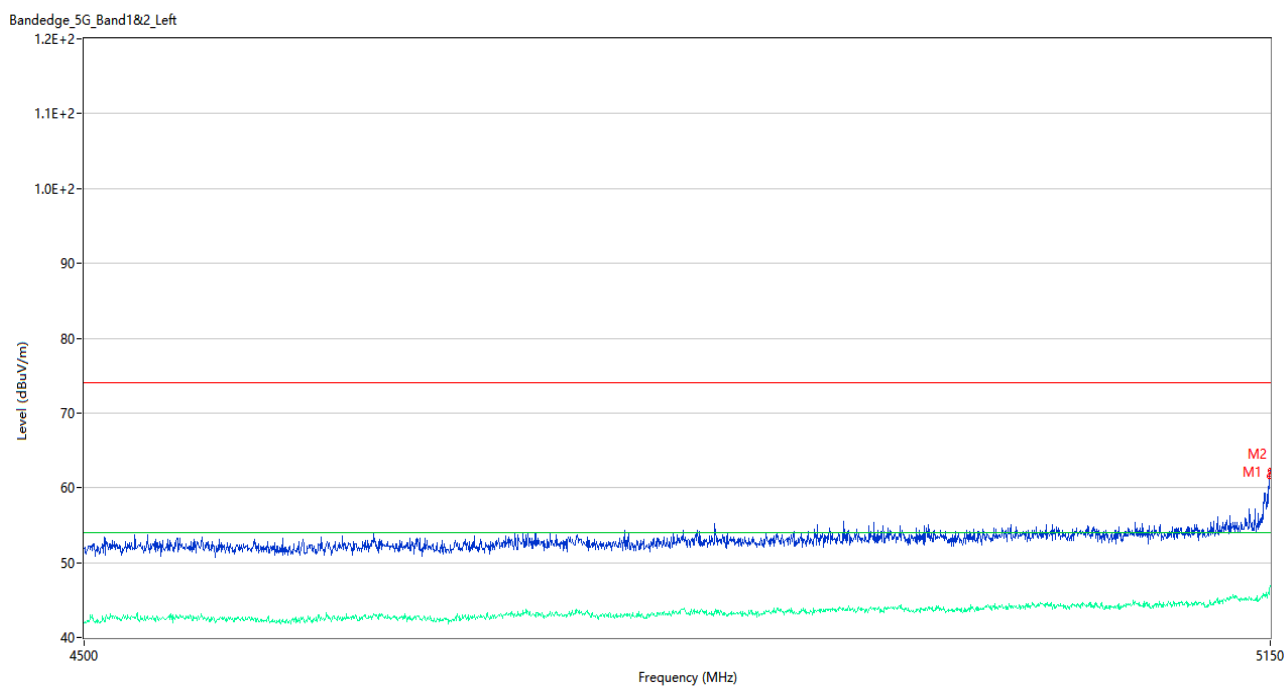
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	60.65	2.84	74.0	13.35	Peak	7.00	200	Horizontal	Pass
1**	5148.700	45.90	2.84	54.0	8.10	AV	7.00	200	Horizontal	Pass
2	5150.000	61.90	2.86	74.0	12.10	Peak	182.00	150	Horizontal	Pass
2**	5150.000	46.03	2.86	54.0	7.97	AV	182.00	150	Horizontal	Pass

U-NII-1 11a High Channel



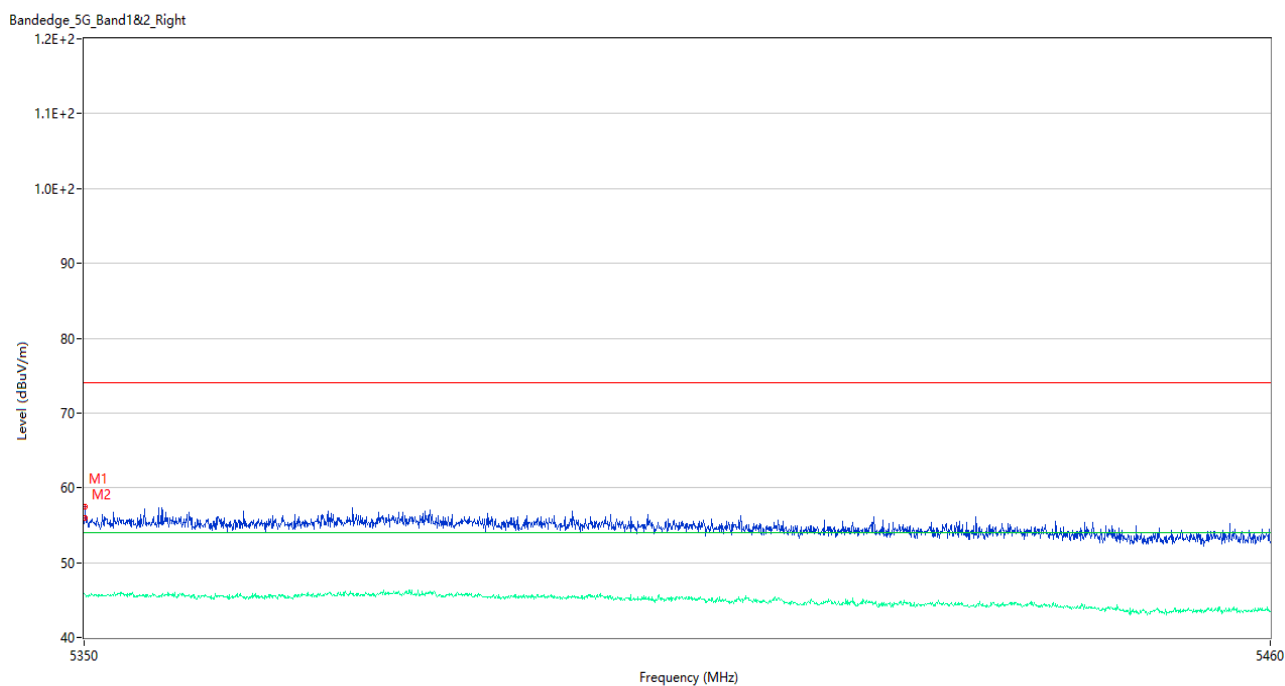
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.79	3.32	74.0	18.21	Peak	0.00	200	Horizontal	Pass
1**	5350.000	45.64	3.32	54.0	8.36	AV	0.00	200	Horizontal	Pass
2	5384.485	56.96	3.19	74.0	17.04	Peak	0.00	200	Horizontal	Pass
2**	5384.485	46.41	3.19	54.0	7.59	AV	0.00	200	Horizontal	Pass

U-NII-1 11n20 Low Channel



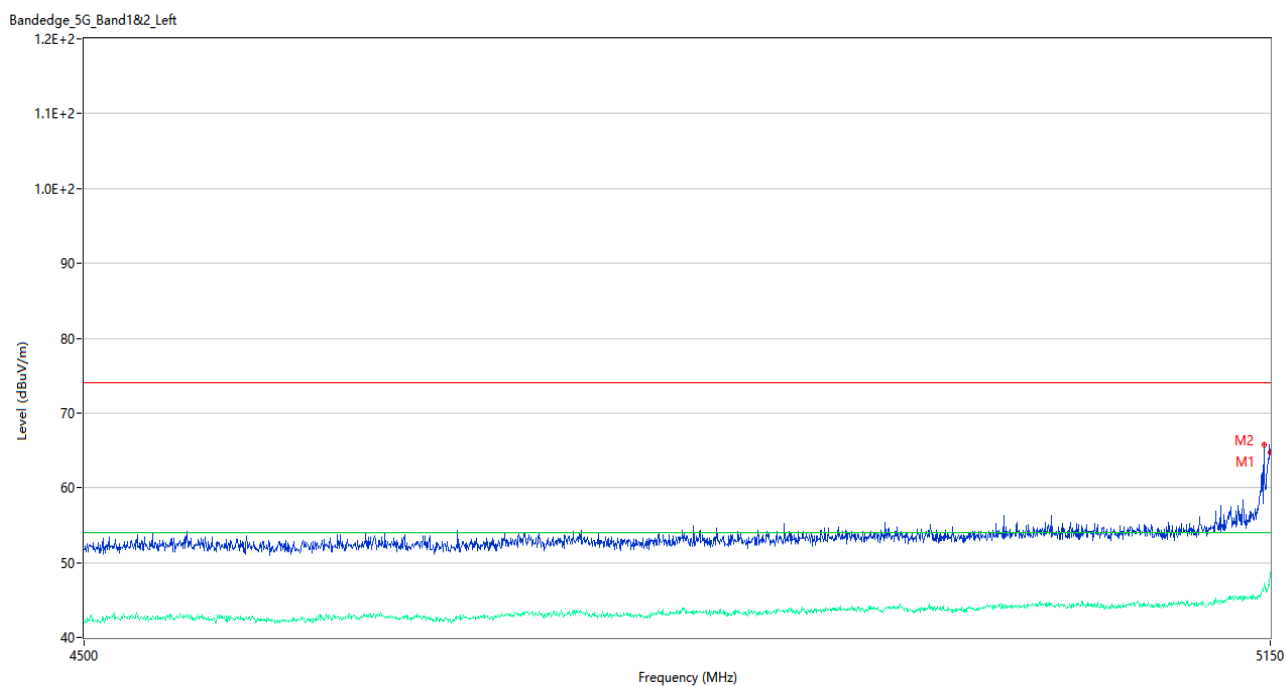
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	61.61	2.85	74.0	12.39	Peak	156.00	100	Horizontal	Pass
1**	5149.350	45.71	2.85	54.0	8.29	AV	156.00	100	Horizontal	Pass
2	5150.000	62.37	2.86	74.0	11.63	Peak	195.00	150	Horizontal	Pass
2**	5150.000	46.98	2.86	54.0	7.02	AV	195.00	150	Horizontal	Pass

U-NII-1 11n20 High Channel



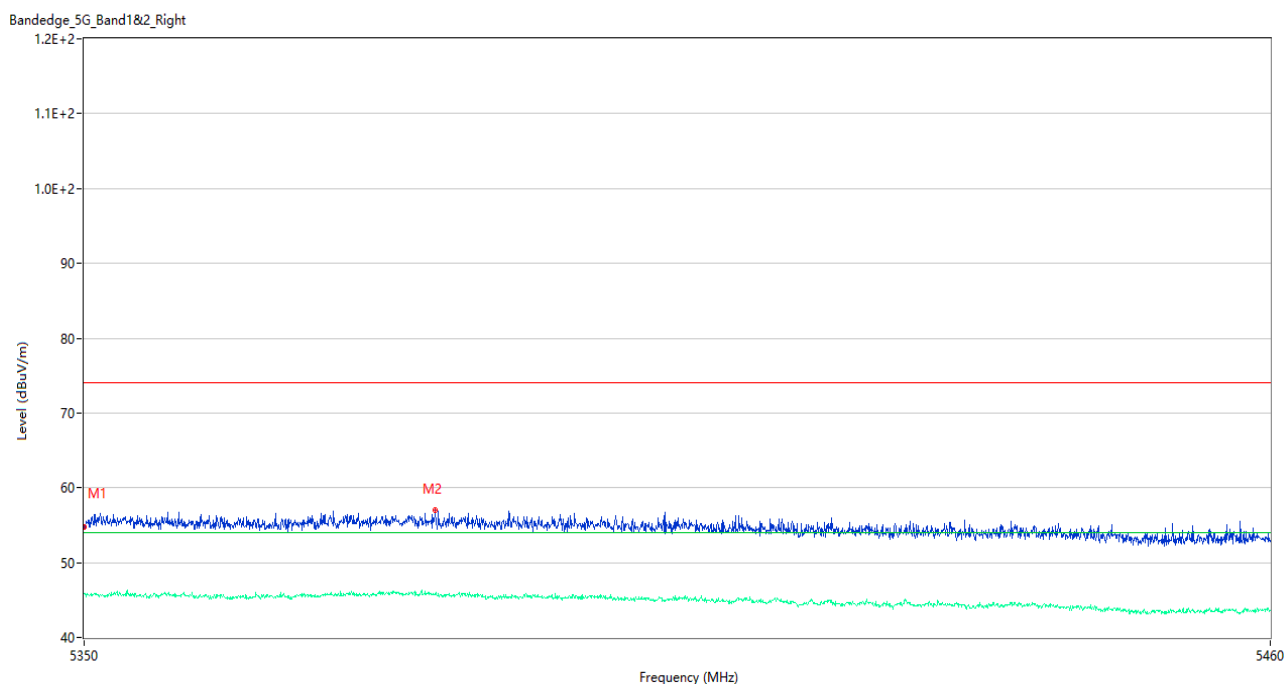
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.02	3.30	74.0	17.98	Peak	360.00	150	Horizontal	Pass
1**	5350.055	45.75	3.30	54.0	8.25	AV	360.00	150	Horizontal	Pass
2	5350.110	57.52	3.27	74.0	16.48	Peak	78.00	100	Horizontal	Pass
2**	5350.110	45.74	3.27	54.0	8.26	AV	78.00	100	Horizontal	Pass

U-NII-1 11n40 Low Channel



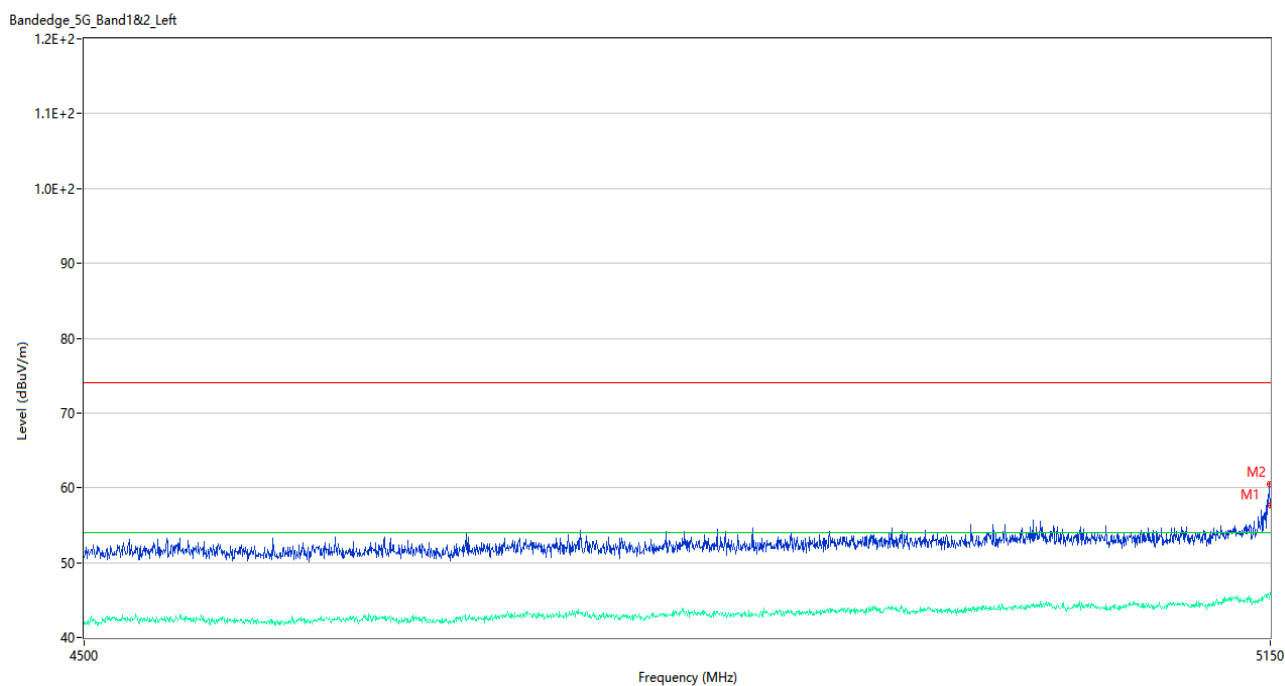
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.425	65.78	2.96	74.0	8.22	Peak	62.00	200	Horizontal	Pass
1**	5146.425	47.24	2.96	54.0	6.76	AV	62.00	200	Horizontal	Pass
2	5150.000	64.77	2.86	74.0	9.23	Peak	18.00	200	Horizontal	Pass
2**	5150.000	48.69	2.86	54.0	5.31	AV	18.00	200	Horizontal	Pass

U-NII-1 11n40 High Channel



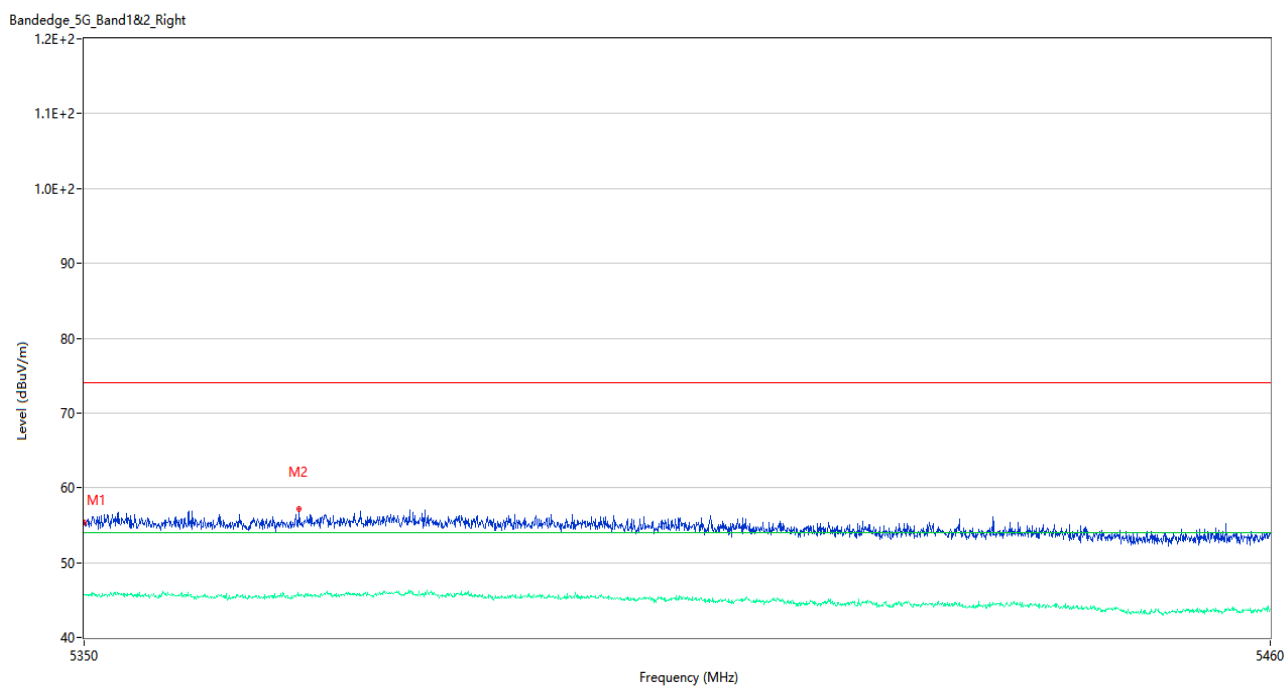
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.77	3.32	74.0	19.23	Peak	360.00	200	Horizontal	Pass
1**	5350.000	45.80	3.32	54.0	8.20	AV	360.00	200	Horizontal	Pass
2	5382.340	56.99	3.13	74.0	17.01	Peak	61.00	200	Horizontal	Pass
2**	5382.340	45.77	3.13	54.0	8.23	AV	61.00	200	Horizontal	Pass

U-NII-1 11ac20 Low Channel



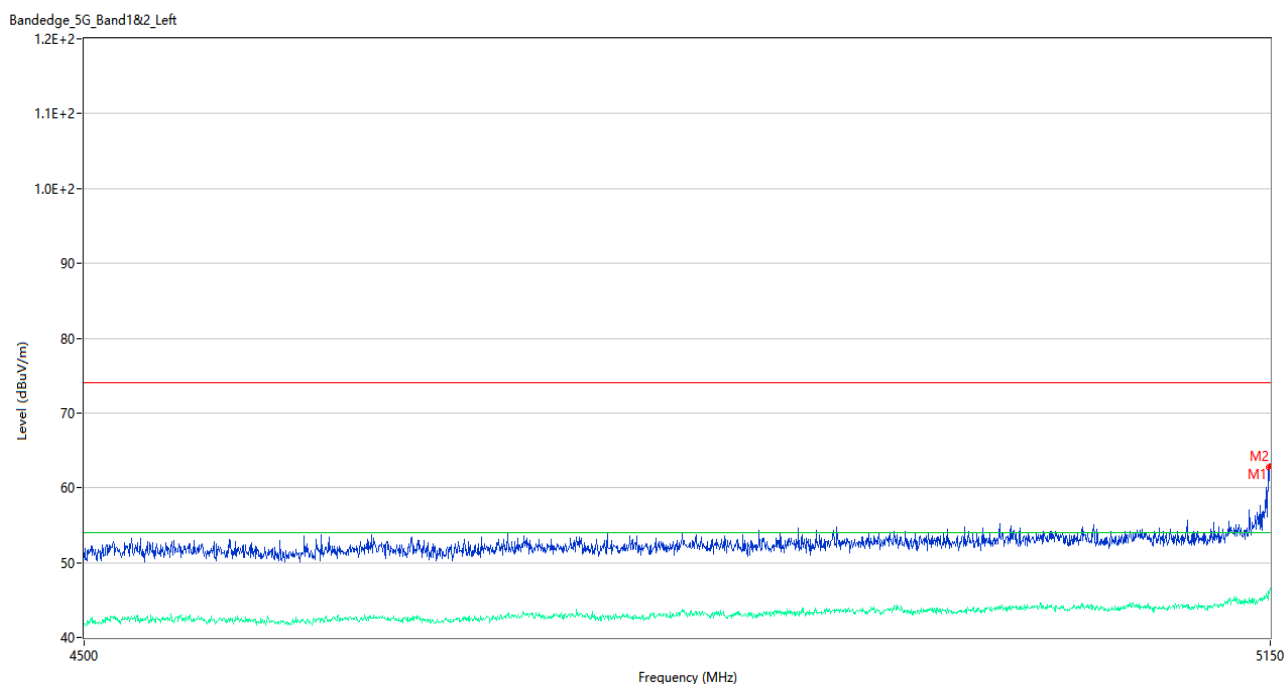
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.350	60.47	2.85	74.0	13.53	Peak	15.00	150	Horizontal	Pass
1**	5149.350	45.47	2.85	54.0	8.53	AV	15.00	150	Horizontal	Pass
2	5150.000	57.55	2.86	74.0	16.45	Peak	18.00	200	Horizontal	Pass
2**	5150.000	46.03	2.86	54.0	7.97	AV	18.00	200	Horizontal	Pass

U-NII-1 11ac20 High Channel



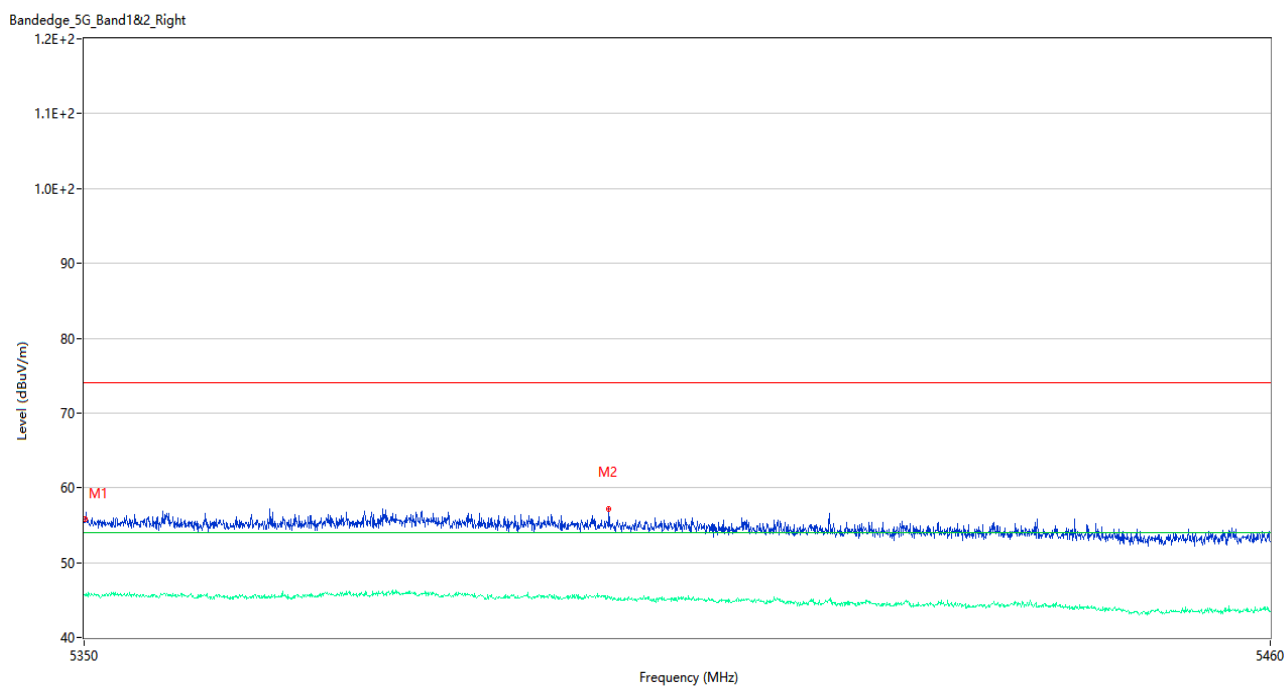
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.40	3.32	74.0	18.60	Peak	247.00	200	Horizontal	Pass
1**	5350.000	45.74	3.32	54.0	8.26	AV	247.00	200	Horizontal	Pass
2	5369.800	57.20	2.76	74.0	16.80	Peak	320.00	100	Horizontal	Pass
2**	5369.800	45.55	2.76	54.0	8.45	AV	320.00	100	Horizontal	Pass

U-NII-1 11ac40 Low Channel



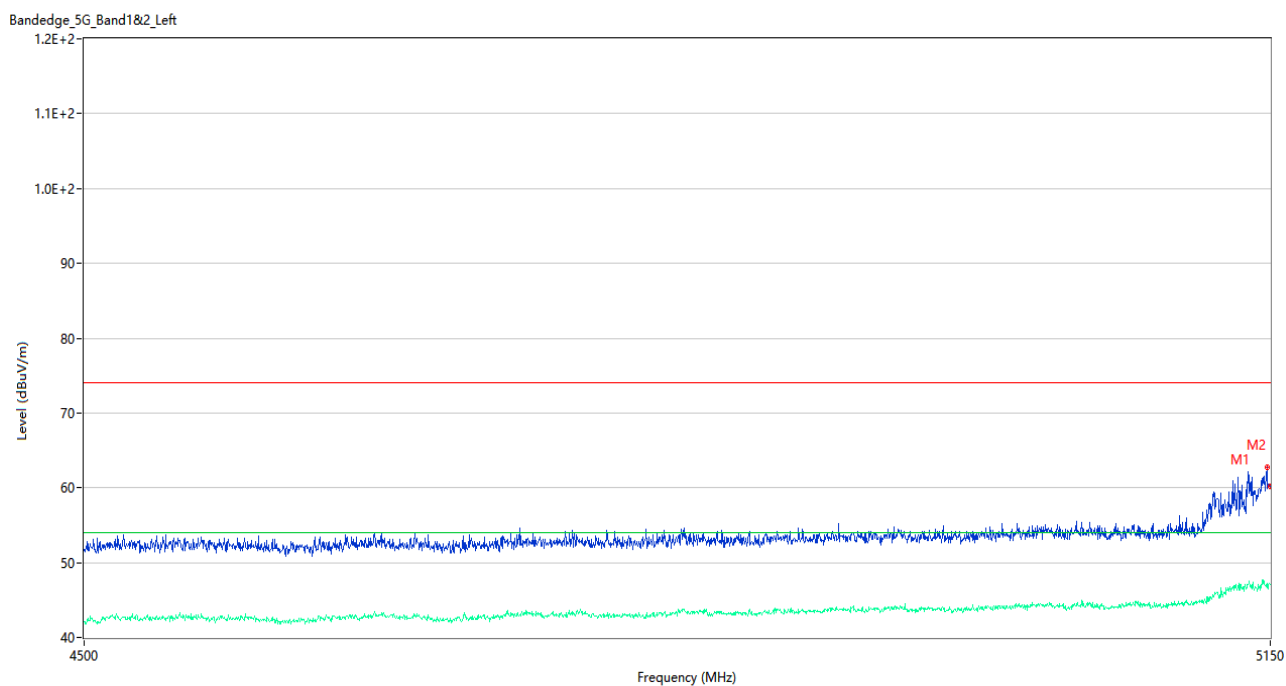
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	62.74	2.84	74.0	11.26	Peak	360.00	150	Horizontal	Pass
1**	5148.700	44.98	2.84	54.0	9.02	AV	360.00	150	Horizontal	Pass
2	5150.000	62.85	2.86	74.0	11.15	Peak	360.00	150	Horizontal	Pass
2**	5150.000	46.64	2.86	54.0	7.36	AV	360.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel



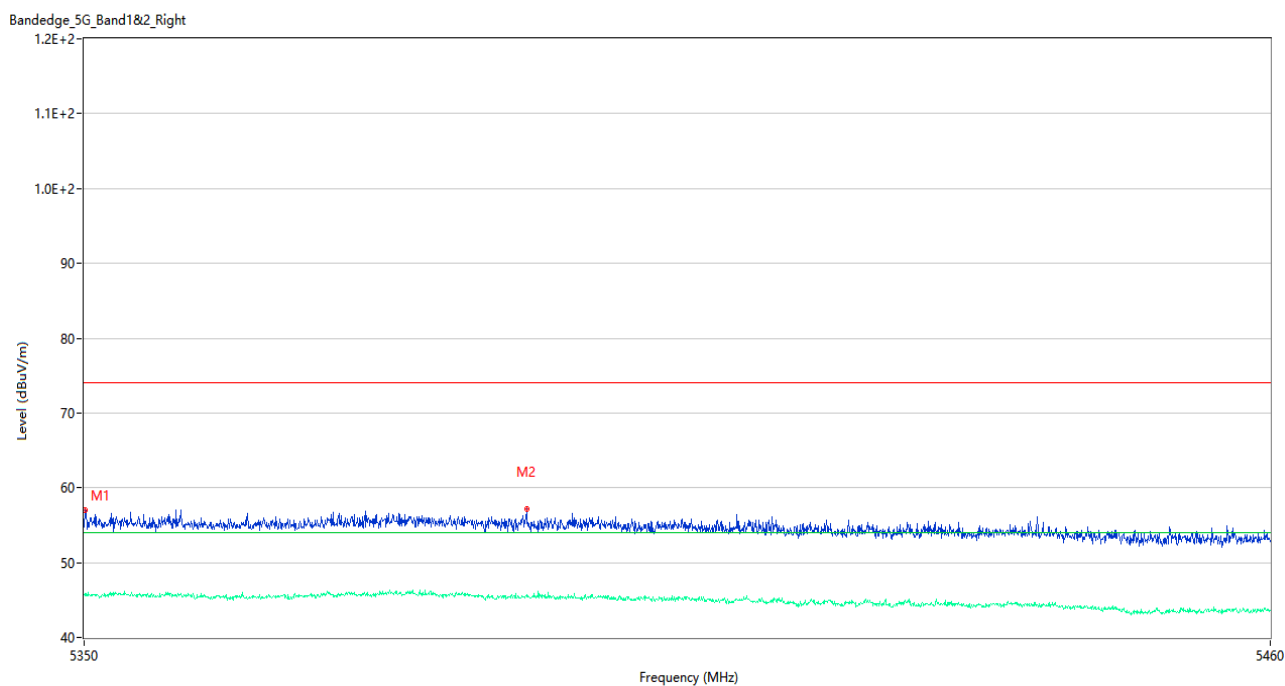
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.81	3.30	74.0	18.19	Peak	310.00	100	Horizontal	Pass
1**	5350.055	45.55	3.30	54.0	8.45	AV	310.00	100	Horizontal	Pass
2	5398.400	57.20	3.11	74.0	16.80	Peak	360.00	150	Horizontal	Pass
2**	5398.400	45.48	3.11	54.0	8.52	AV	360.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



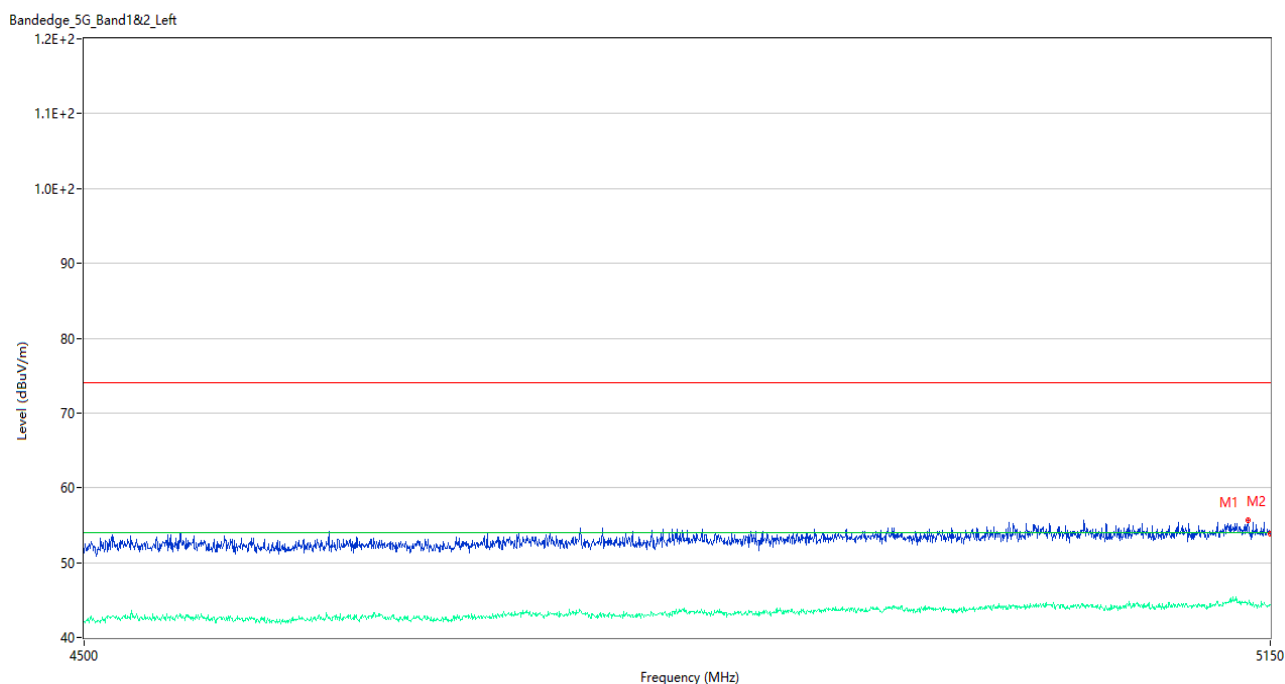
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.050	62.68	2.77	74.0	11.32	Peak	216.00	200	Horizontal	Pass
1**	5148.050	47.19	2.77	54.0	6.81	AV	216.00	200	Horizontal	Pass
2	5150.000	60.17	2.86	74.0	13.83	Peak	121.00	150	Horizontal	Pass
2**	5150.000	47.07	2.86	54.0	6.93	AV	121.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



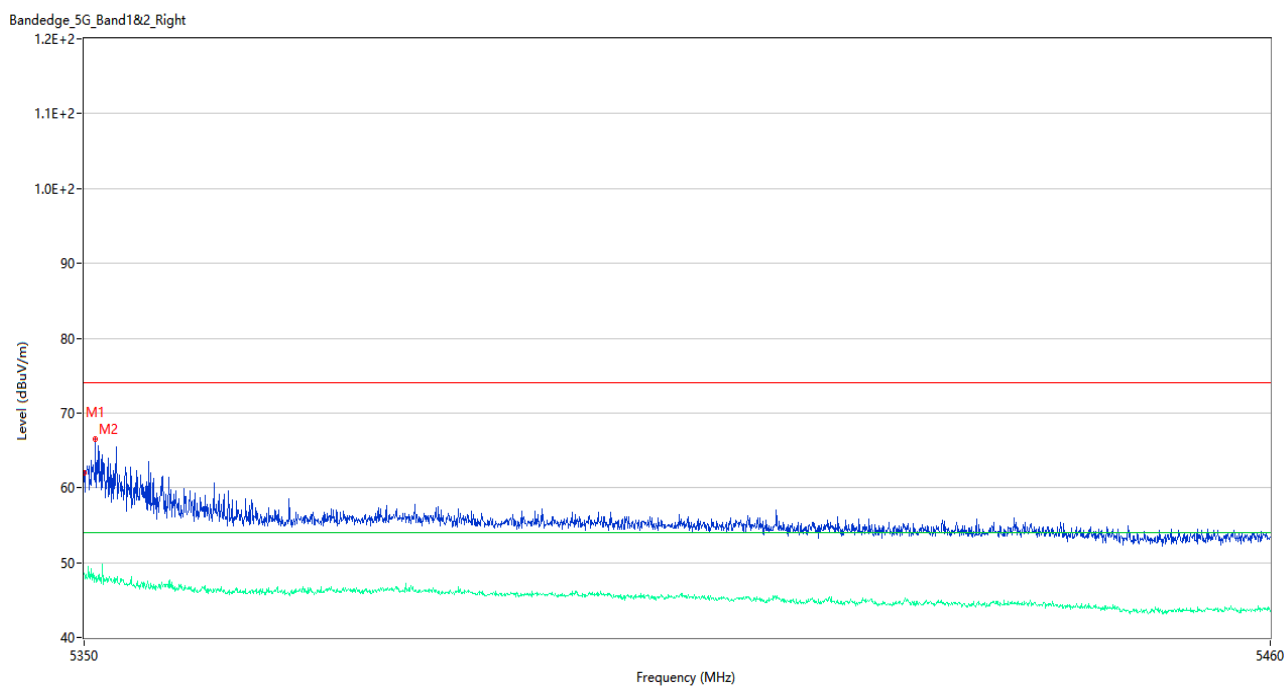
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	57.06	3.30	74.0	16.94	Peak	231.00	100	Horizontal	Pass
1**	5350.055	45.89	3.30	54.0	8.11	AV	231.00	100	Horizontal	Pass
2	5390.755	57.10	3.03	74.0	16.90	Peak	142.00	200	Horizontal	Pass
2**	5390.755	45.67	3.03	54.0	8.33	AV	142.00	200	Horizontal	Pass

U-NII-2A 11a Low Channel



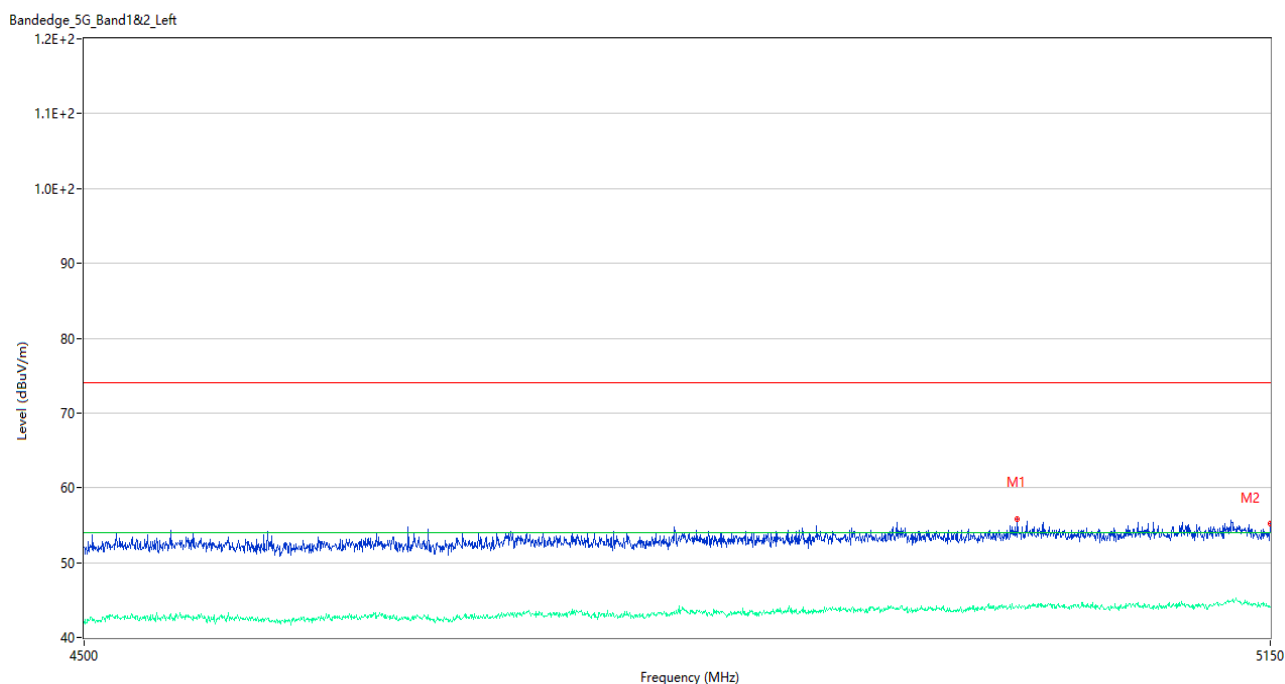
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5137.000	55.69	2.99	74.0	18.31	Peak	179.00	150	Horizontal	Pass
1**	5137.000	44.58	2.99	54.0	9.42	AV	179.00	150	Horizontal	Pass
2	5150.000	53.89	2.86	74.0	20.11	Peak	235.00	150	Horizontal	Pass
2**	5150.000	44.30	2.86	54.0	9.70	AV	235.00	150	Horizontal	Pass

U-NII-2A 11a High Channel



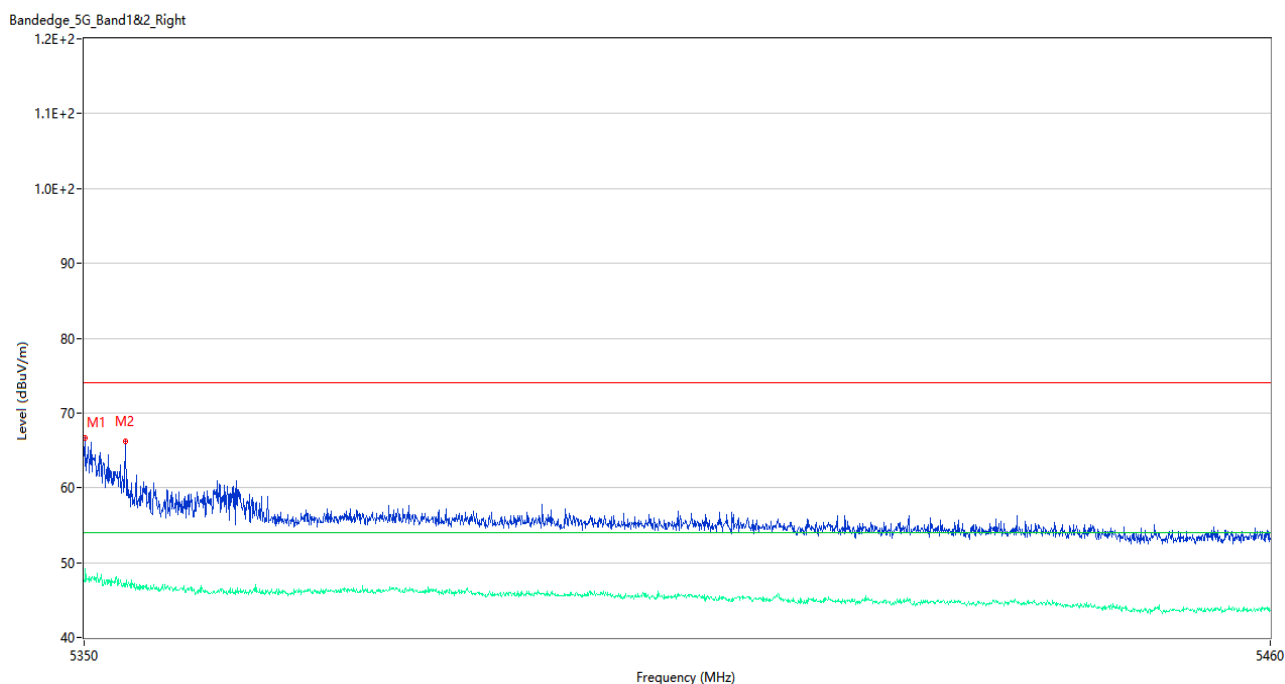
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.97	3.32	74.0	12.03	Peak	77.00	200	Horizontal	Pass
1**	5350.000	48.66	3.32	54.0	5.34	AV	77.00	200	Horizontal	Pass
2	5351.045	66.50	3.17	74.0	7.50	Peak	101.00	100	Horizontal	Pass
2**	5351.045	47.77	3.17	54.0	6.23	AV	101.00	100	Horizontal	Pass

U-NII-2A 11n20 Low Channel



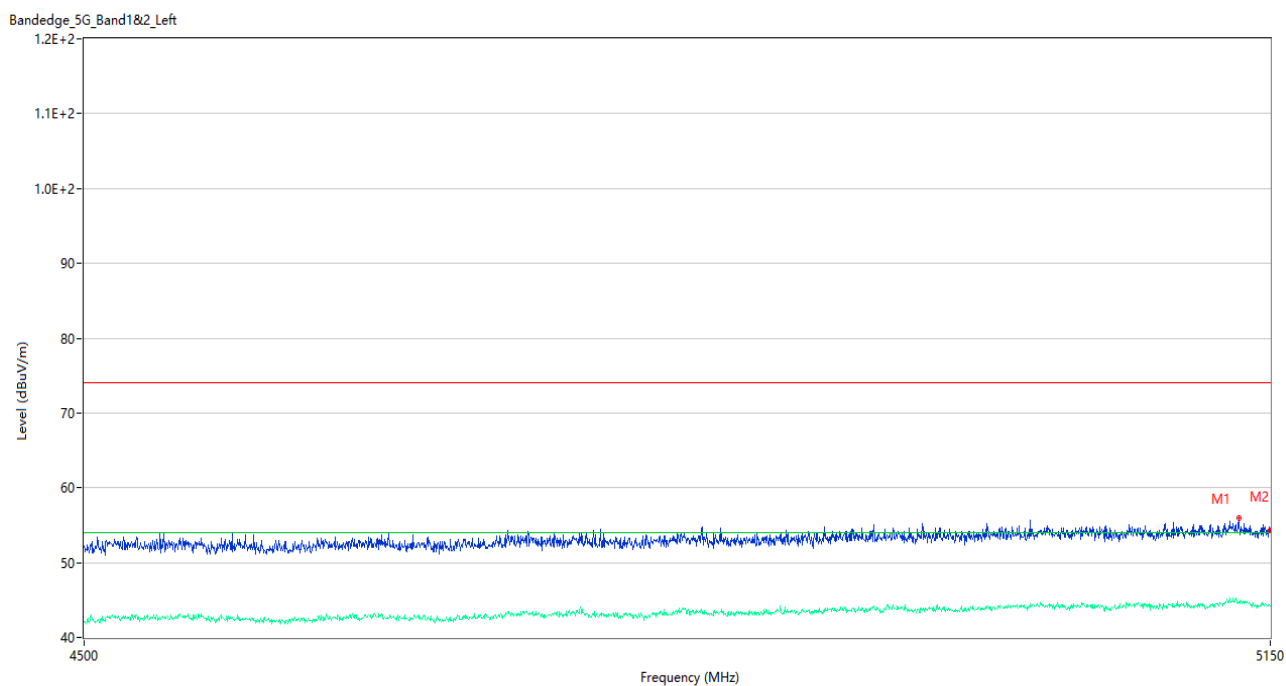
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5004.075	55.84	2.73	74.0	18.16	Peak	132.00	200	Horizontal	Pass
1**	5004.075	44.01	2.73	54.0	9.99	AV	132.00	200	Horizontal	Pass
2	5150.000	55.19	2.86	74.0	18.81	Peak	239.00	200	Horizontal	Pass
2**	5150.000	44.11	2.86	54.0	9.89	AV	239.00	200	Horizontal	Pass

U-NII-2A 11n20 High Channel



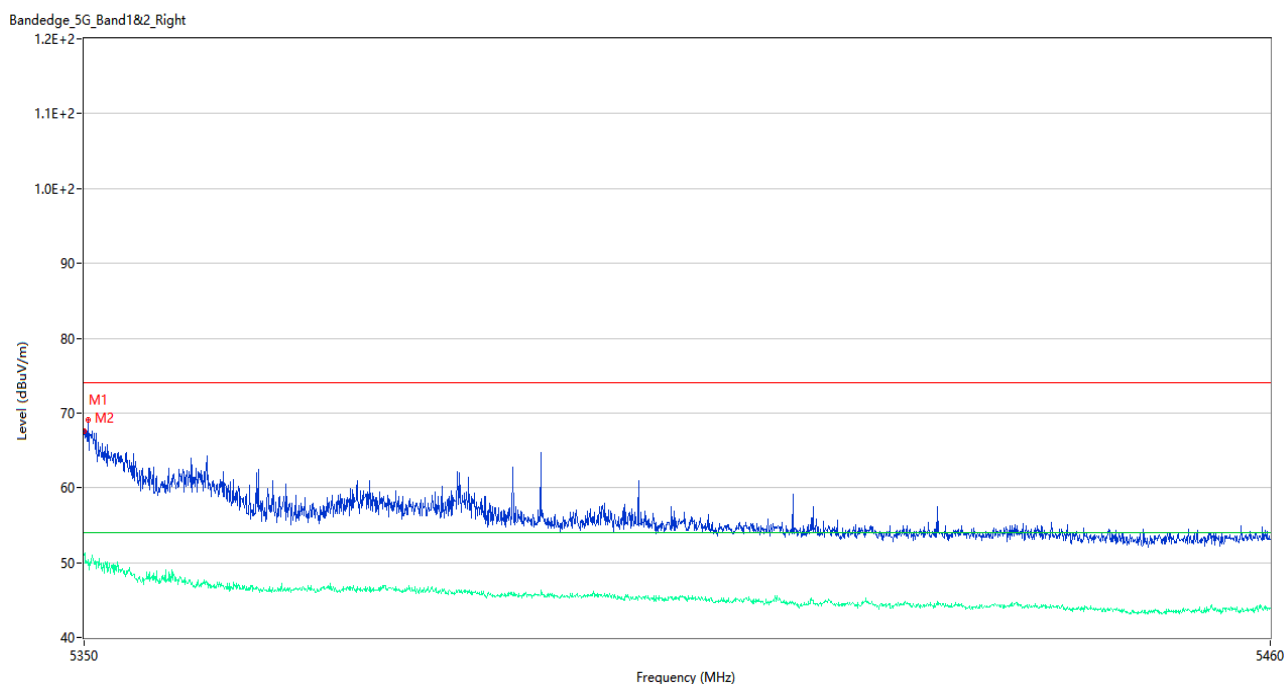
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	66.60	3.30	74.0	7.40	Peak	111.00	100	Horizontal	Pass
1**	5350.055	47.43	3.30	54.0	6.57	AV	111.00	100	Horizontal	Pass
2	5353.795	66.20	3.08	74.0	7.80	Peak	201.00	100	Horizontal	Pass
2**	5353.795	46.75	3.08	54.0	7.25	AV	201.00	100	Horizontal	Pass

U-NII-2A 11n40 Low Channel



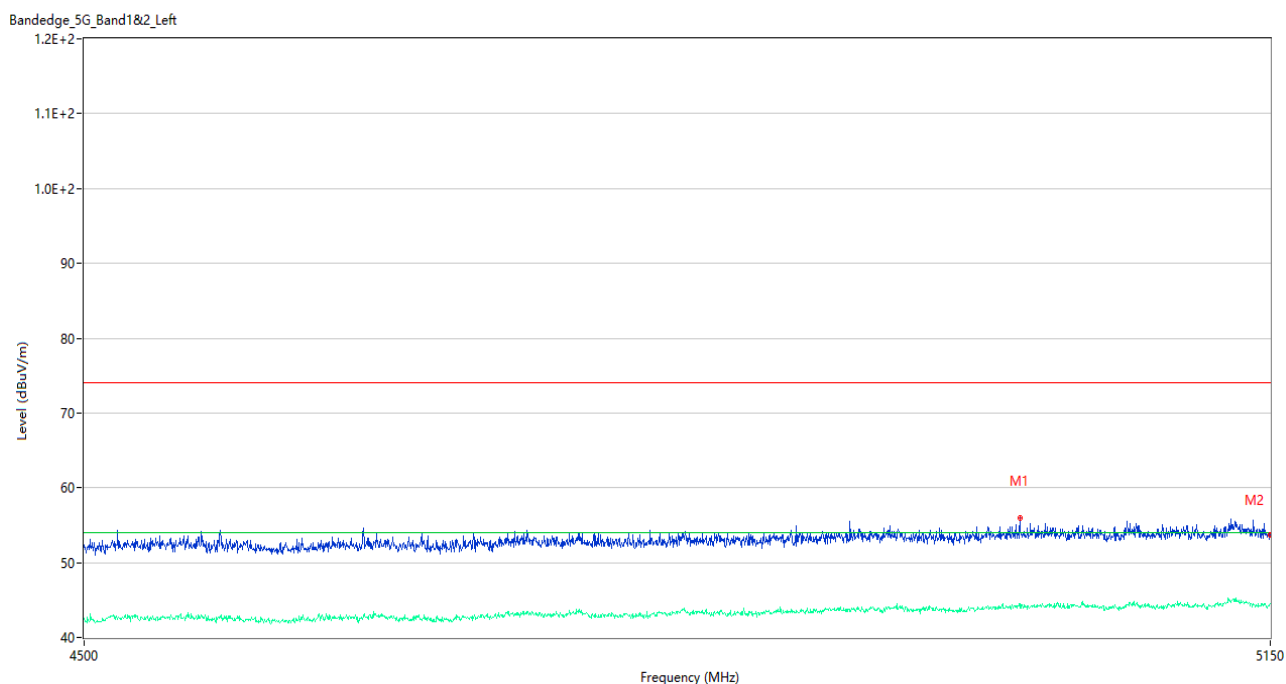
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5131.475	55.99	3.21	74.0	18.01	Peak	308.00	100	Horizontal	Pass
1**	5131.475	44.76	3.21	54.0	9.24	AV	308.00	100	Horizontal	Pass
2	5150.000	54.31	2.86	74.0	19.69	Peak	257.00	200	Horizontal	Pass
2**	5150.000	44.22	2.86	54.0	9.78	AV	257.00	200	Horizontal	Pass

U-NII-2A 11n40 High Channel



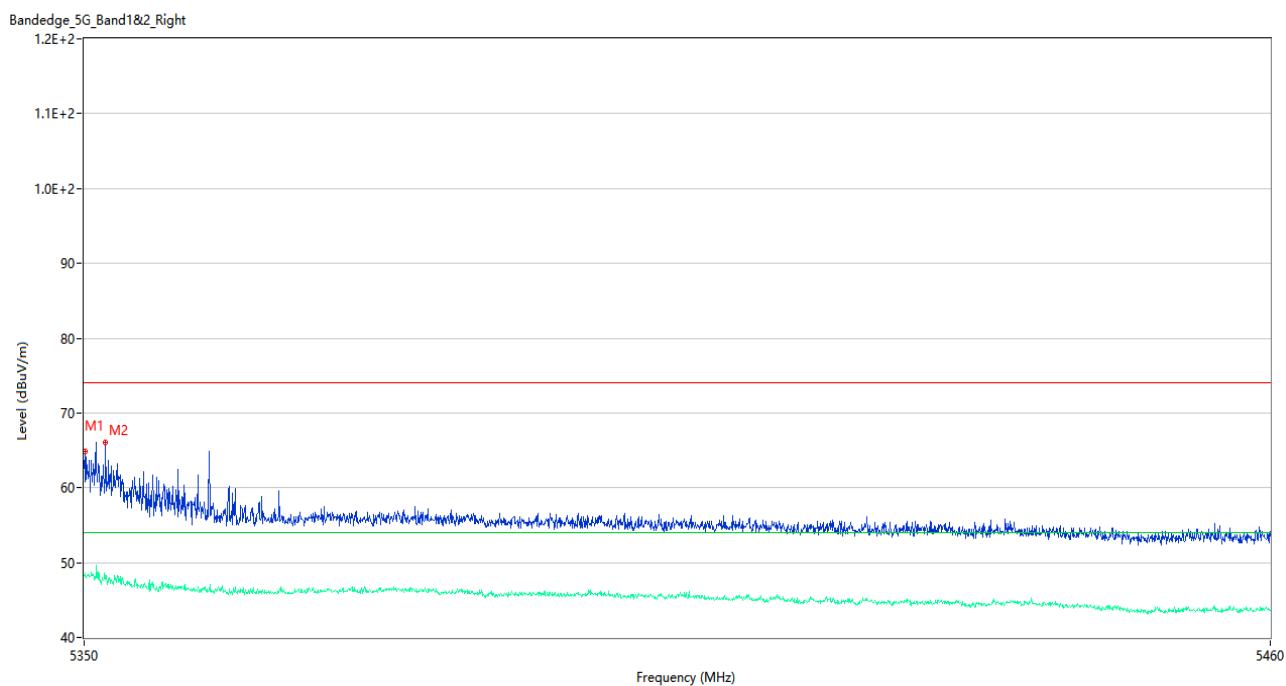
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	67.57	3.32	74.0	6.43	Peak	96.00	200	Horizontal	Pass
1**	5350.000	50.93	3.32	54.0	3.07	AV	96.00	200	Horizontal	Pass
2	5350.330	69.09	3.17	74.0	4.91	Peak	103.00	200	Horizontal	Pass
2**	5350.330	49.59	3.17	54.0	4.41	AV	103.00	200	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



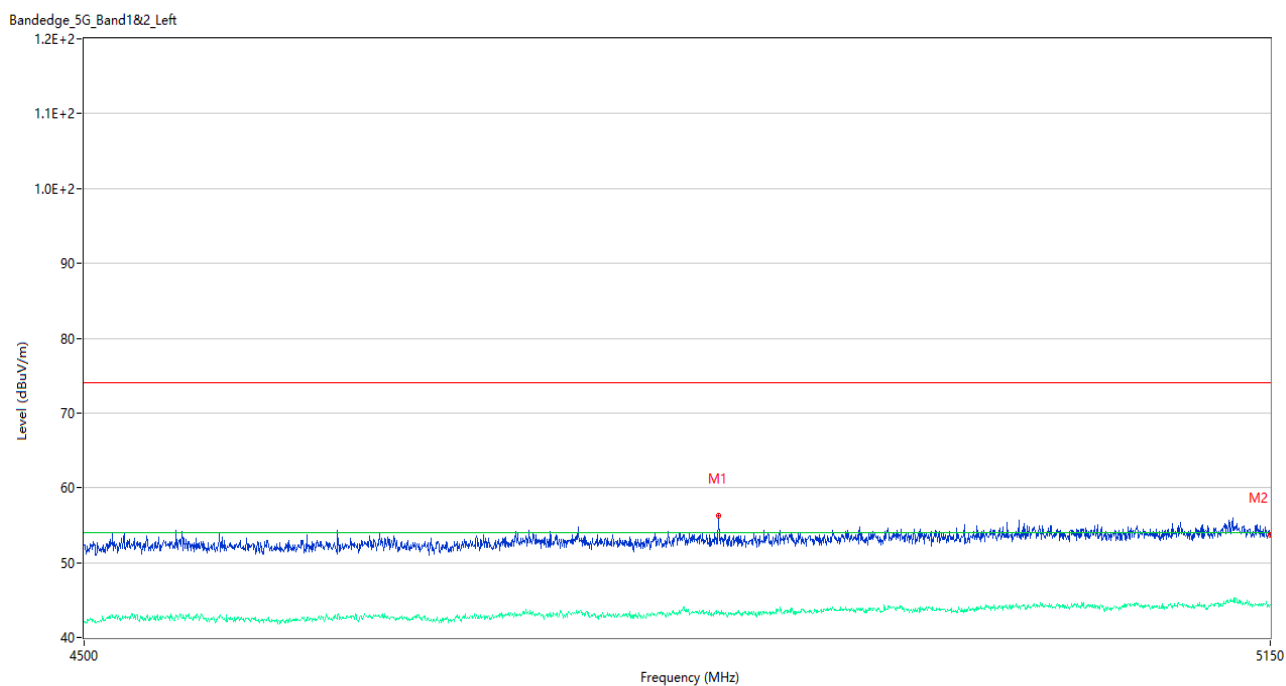
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5005.375	55.95	2.68	74.0	18.05	Peak	1.00	100	Horizontal	Pass
1**	5005.375	44.47	2.68	54.0	9.53	AV	1.00	100	Horizontal	Pass
2	5150.000	53.70	2.86	74.0	20.30	Peak	89.00	150	Horizontal	Pass
2**	5150.000	44.47	2.86	54.0	9.53	AV	89.00	150	Horizontal	Pass

U-NII-2A 11ac20 High Channel



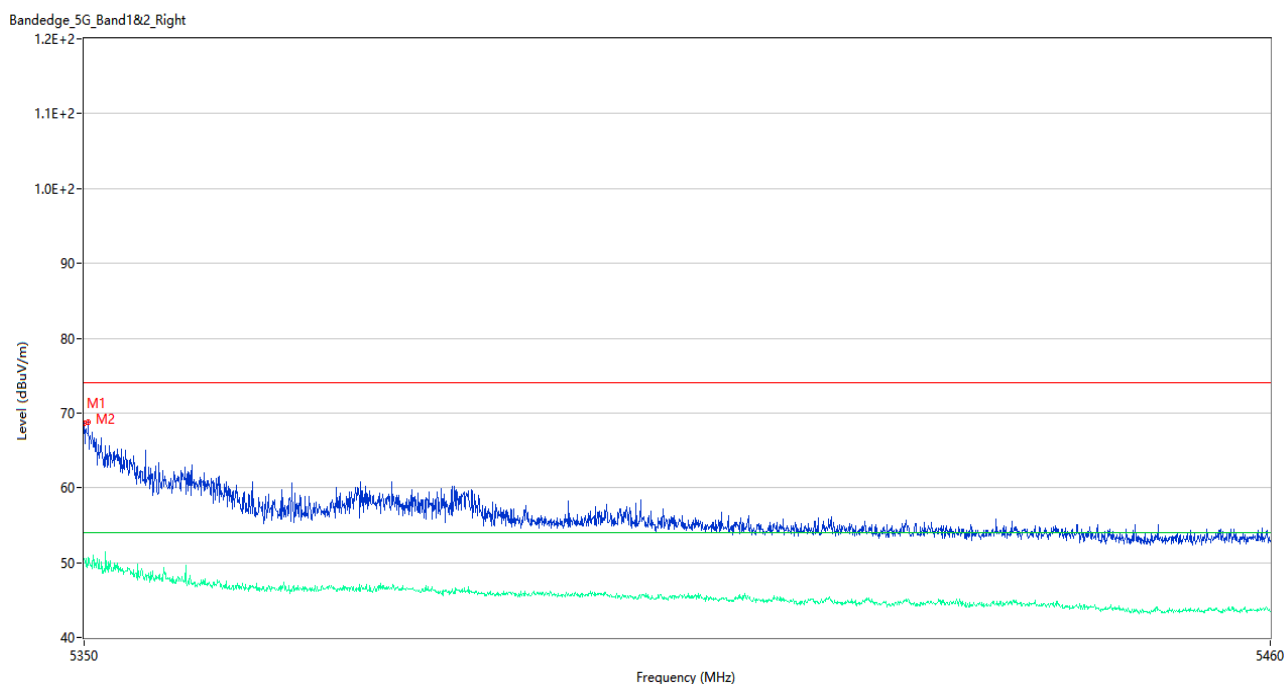
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	64.88	3.30	74.0	9.12	Peak	98.00	200	Horizontal	Pass
1**	5350.055	48.17	3.30	54.0	5.83	AV	98.00	200	Horizontal	Pass
2	5351.980	66.06	3.08	74.0	7.94	Peak	103.00	100	Horizontal	Pass
2**	5351.980	47.90	3.08	54.0	6.10	AV	103.00	100	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



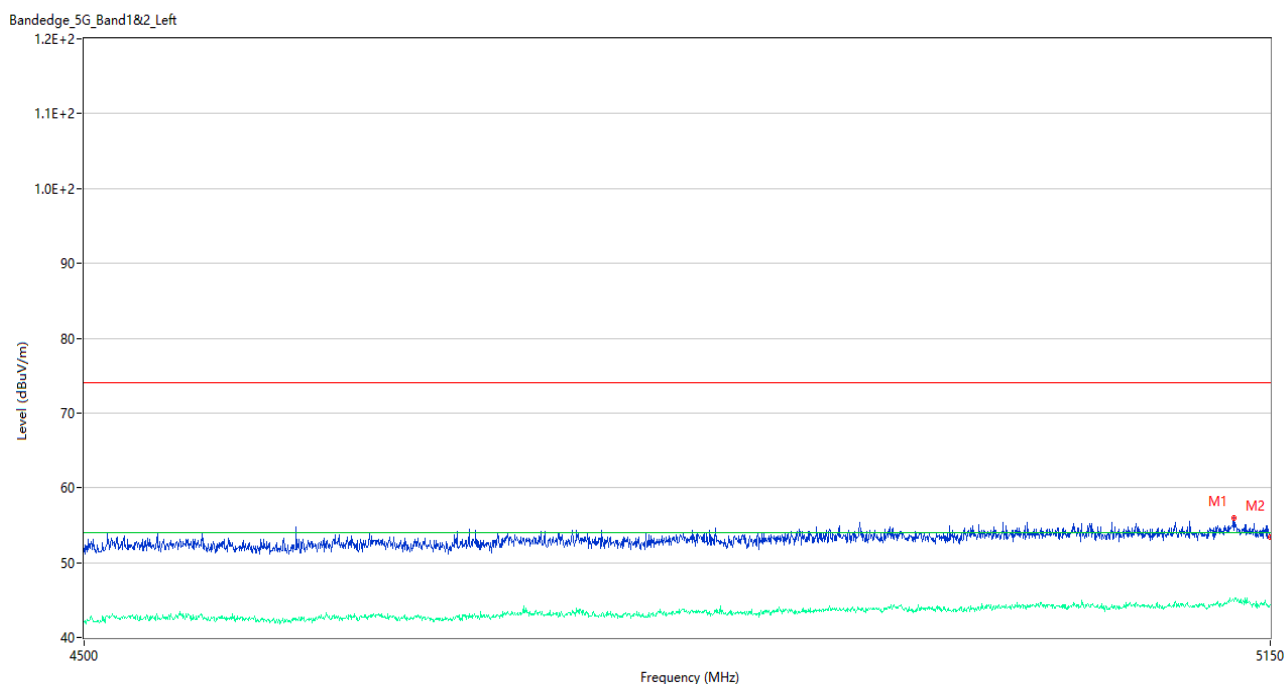
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4836.700	56.24	2.31	74.0	17.76	Peak	51.00	100	Horizontal	Pass
1**	4836.700	43.50	2.31	54.0	10.50	AV	51.00	100	Horizontal	Pass
2	5150.000	53.76	2.86	74.0	20.24	Peak	292.00	100	Horizontal	Pass
2**	5150.000	44.44	2.86	54.0	9.56	AV	292.00	100	Horizontal	Pass

U-NII-2A 11ac40 High Channel



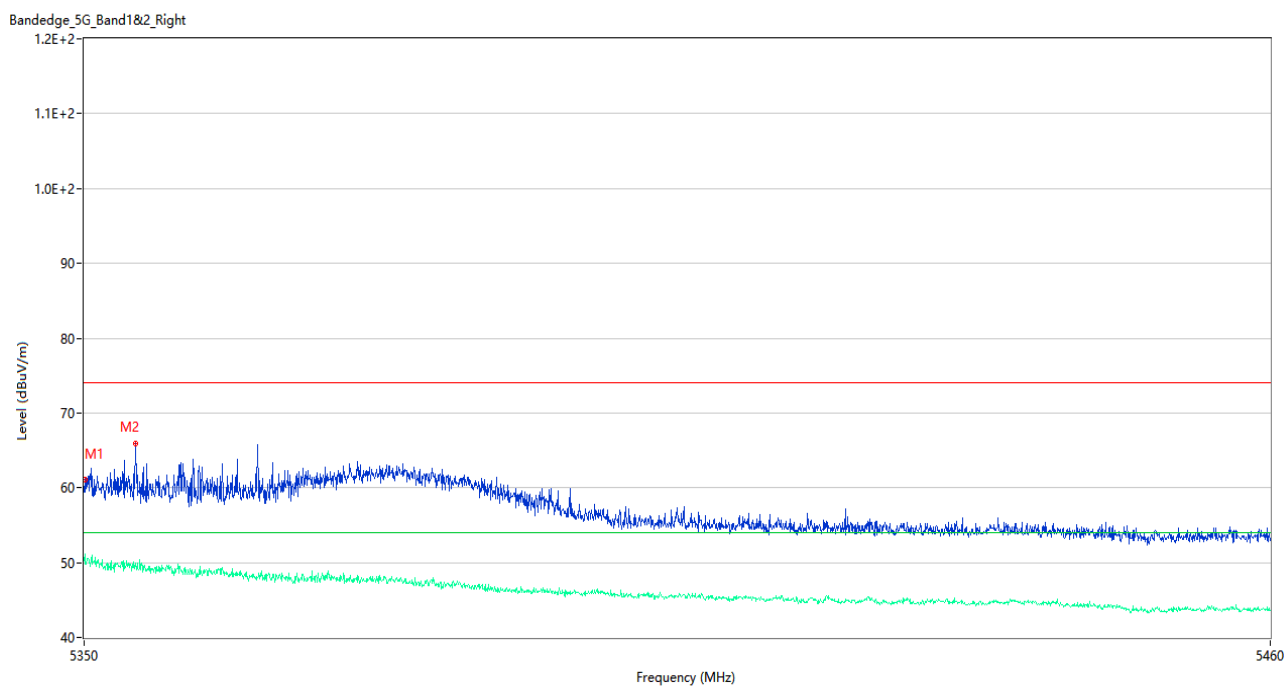
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	68.60	3.32	74.0	5.40	Peak	104.00	150	Horizontal	Pass
1**	5350.000	50.55	3.32	54.0	3.45	AV	104.00	150	Horizontal	Pass
2	5350.385	68.81	3.15	74.0	5.19	Peak	104.00	100	Horizontal	Pass
2**	5350.385	50.70	3.15	54.0	3.30	AV	104.00	100	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



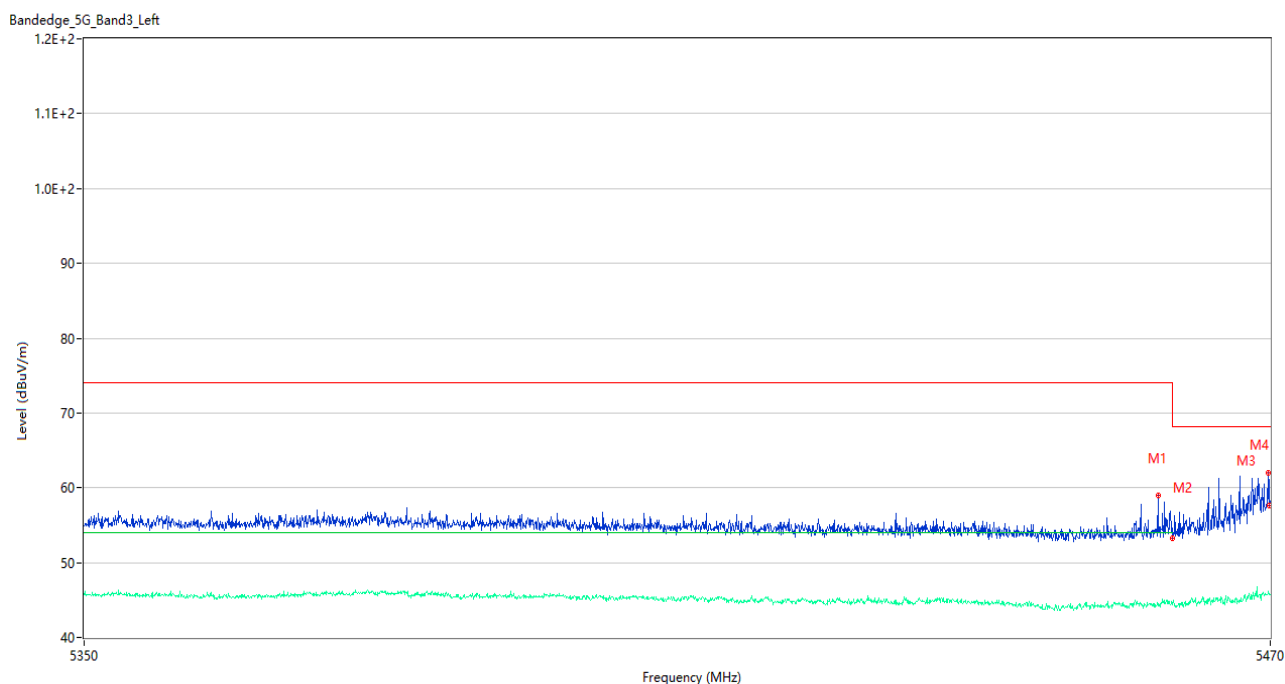
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5128.875	55.94	3.29	74.0	18.06	Peak	21.00	100	Horizontal	Pass
1**	5128.875	44.89	3.29	54.0	9.11	AV	21.00	100	Horizontal	Pass
2	5150.000	53.40	2.86	74.0	20.60	Peak	157.00	200	Horizontal	Pass
2**	5150.000	44.30	2.86	54.0	9.70	AV	157.00	200	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



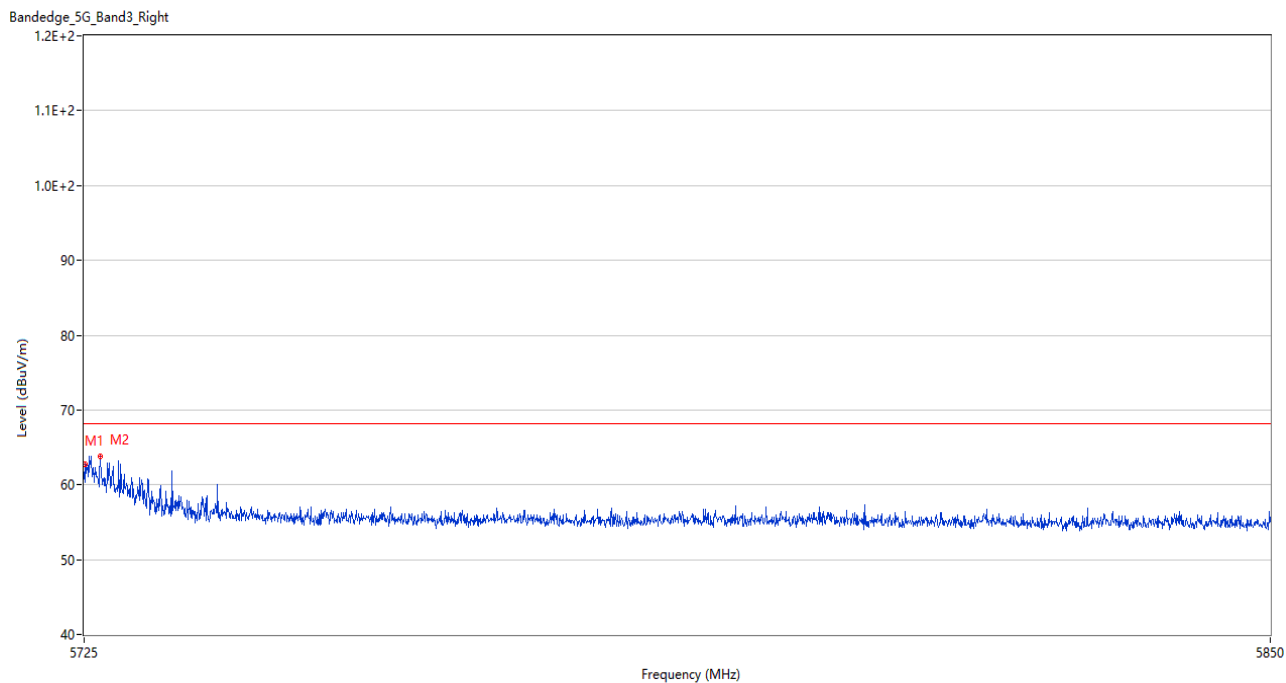
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	61.17	3.30	74.0	12.83	Peak	360.00	150	Horizontal	Pass
1**	5350.055	50.99	3.30	54.0	3.01	AV	360.00	150	Horizontal	Pass
2	5354.730	65.99	2.91	74.0	8.01	Peak	197.00	150	Horizontal	Pass
2**	5354.730	50.01	2.91	54.0	3.99	AV	197.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel



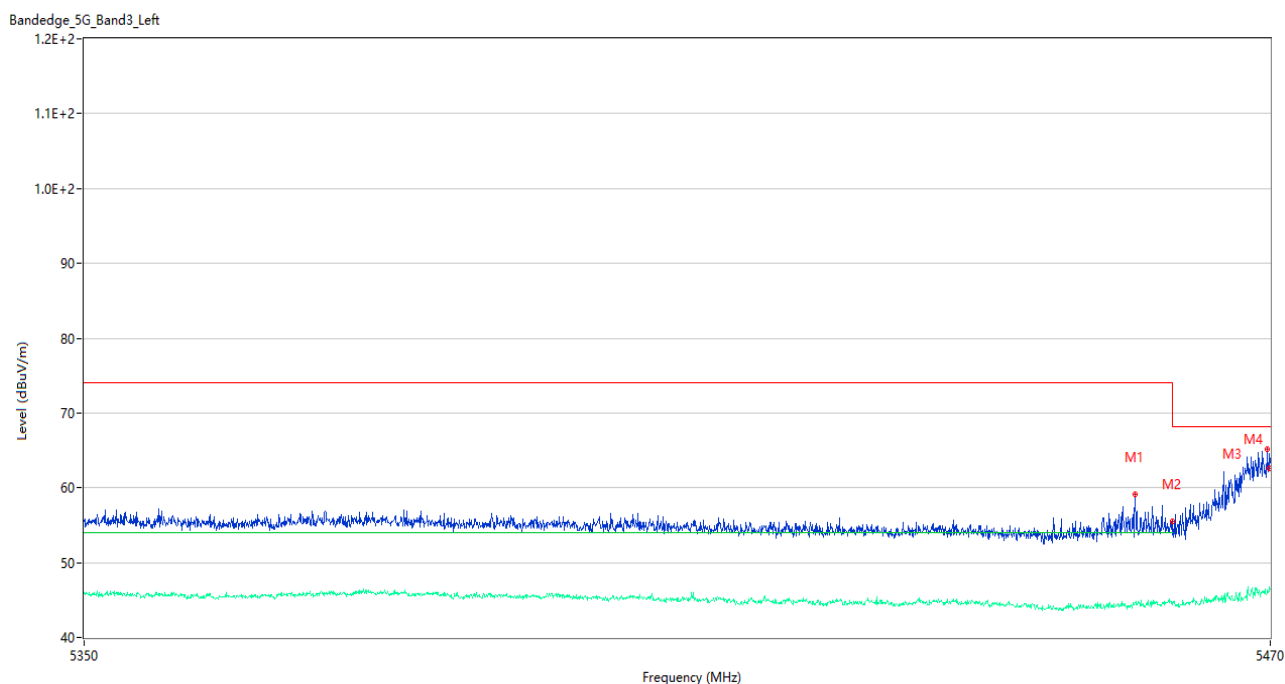
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.540	58.93	3.46	74.0	15.07	Peak	57.00	100	Horizontal	Pass
1**	5458.540	44.15	3.46	54.0	9.85	AV	57.00	100	Horizontal	Pass
2	5459.980	53.28	3.49	74.0	20.72	Peak	149.00	100	Horizontal	Pass
2**	5459.980	44.45	3.49	54.0	9.55	AV	149.00	100	Horizontal	Pass
3	5469.820	62.05	3.28	68.2	6.15	Peak	19.00	100	Horizontal	Pass
3**	5469.820	46.12	3.28	--	--	AV	19.00	100	Horizontal	N/A
4	5469.940	57.62	3.29	68.2	10.58	Peak	9.00	200	Horizontal	Pass
4**	5469.940	45.78	3.29	--	--	AV	9.00	200	Horizontal	N/A

U-NII-2C 11a High Channel



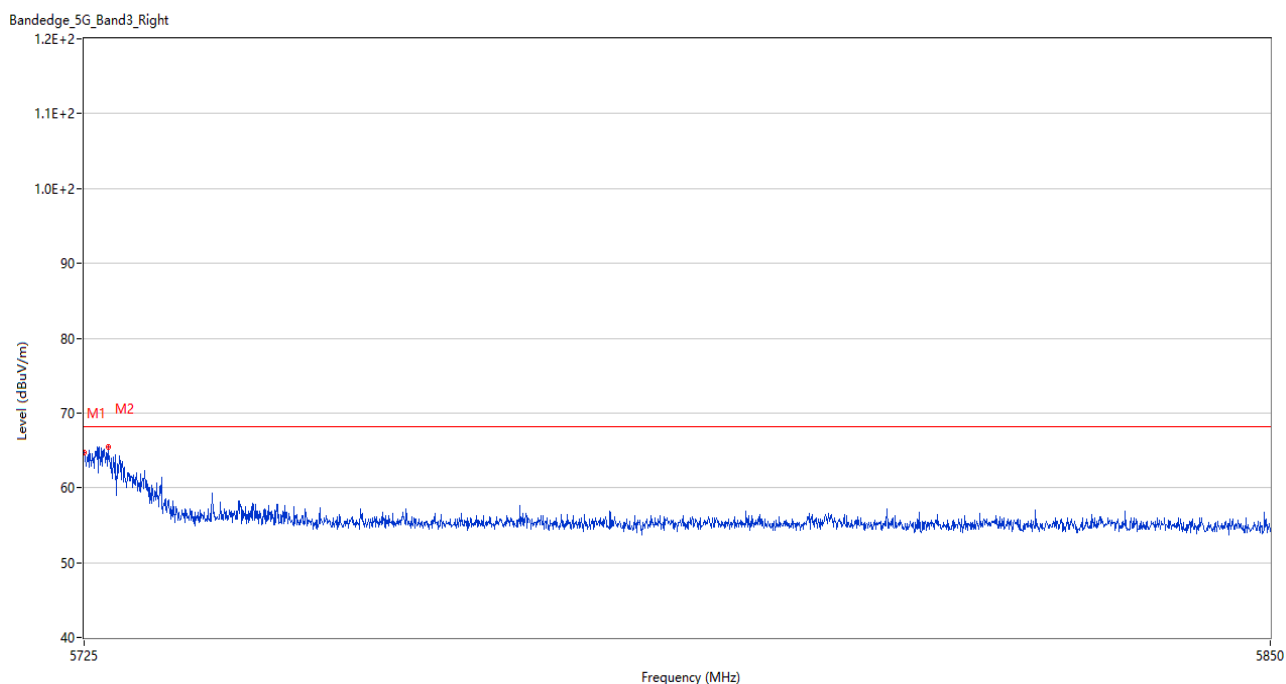
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	62.72	3.44	68.2	5.48	Peak	10.00	200	Horizontal	Pass
2	5726.688	63.85	3.83	68.2	4.35	Peak	13.00	150	Horizontal	Pass

U-NII-2C 11n20 Low Channel



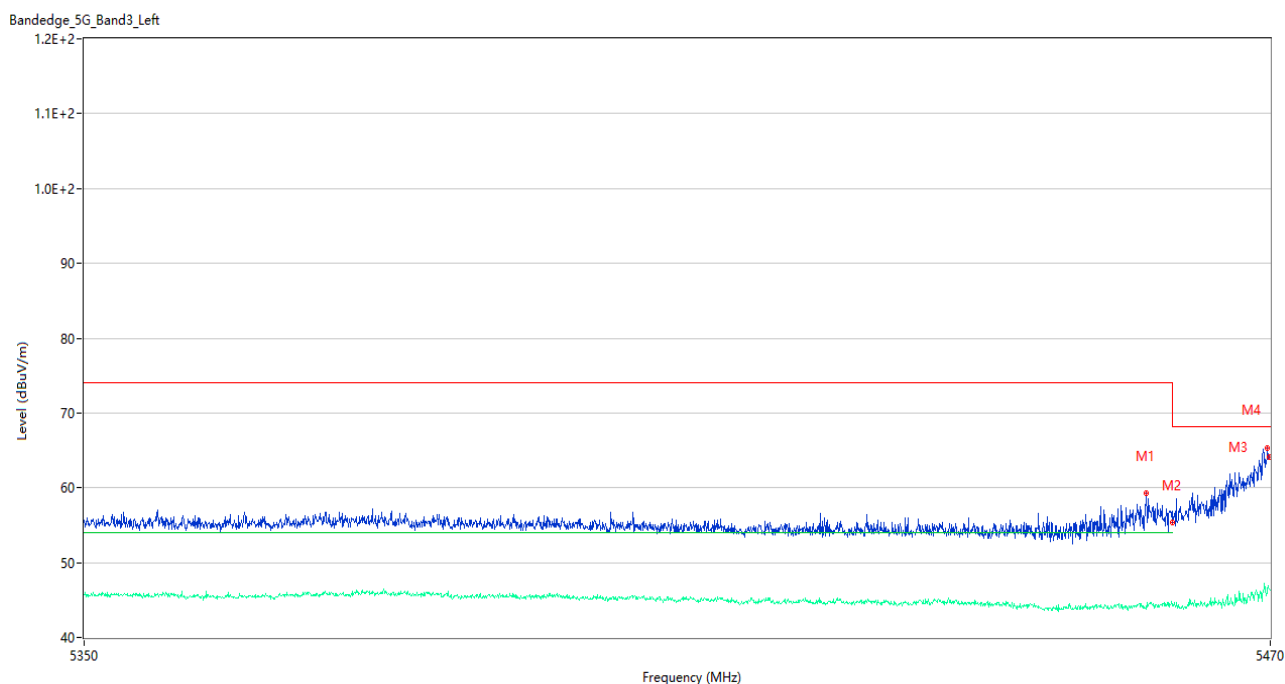
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5456.200	59.10	3.58	74.0	14.90	Peak	18.00	150	Horizontal	Pass
1**	5456.200	44.63	3.58	54.0	9.37	AV	18.00	150	Horizontal	Pass
2	5459.980	55.50	3.49	74.0	18.50	Peak	11.00	150	Horizontal	Pass
2**	5459.980	44.35	3.49	54.0	9.65	AV	11.00	150	Horizontal	Pass
3	5469.640	65.13	3.29	68.2	3.07	Peak	18.00	100	Horizontal	Pass
3**	5469.640	45.88	3.29	--	--	AV	18.00	100	Horizontal	N/A
4	5469.940	62.65	3.29	68.2	5.55	Peak	31.00	100	Horizontal	Pass
4**	5469.940	46.76	3.29	--	--	AV	31.00	100	Horizontal	N/A

U-NII-2C 11n20 High Channel



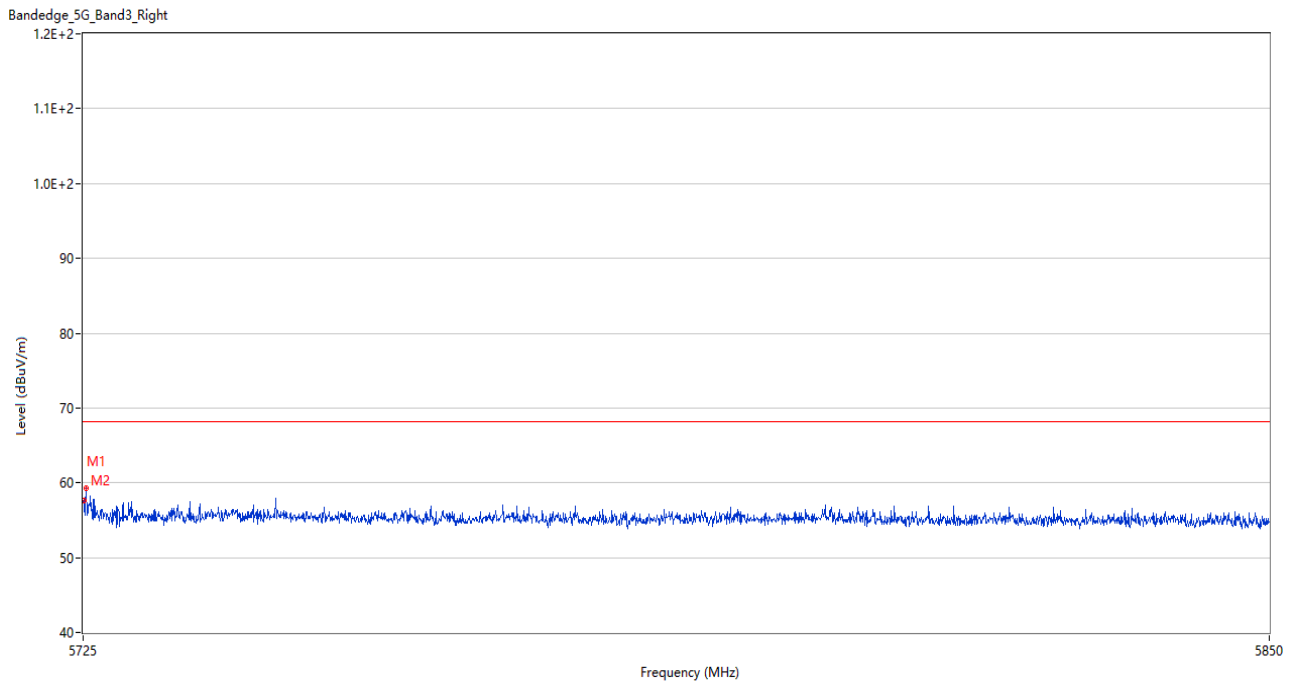
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	64.64	3.51	68.2	3.56	Peak	17.00	150	Horizontal	Pass
2	5727.500	65.13	3.67	68.2	3.07	Peak	17.00	200	Horizontal	Pass

U-NII-2C 11n40 Low Channel



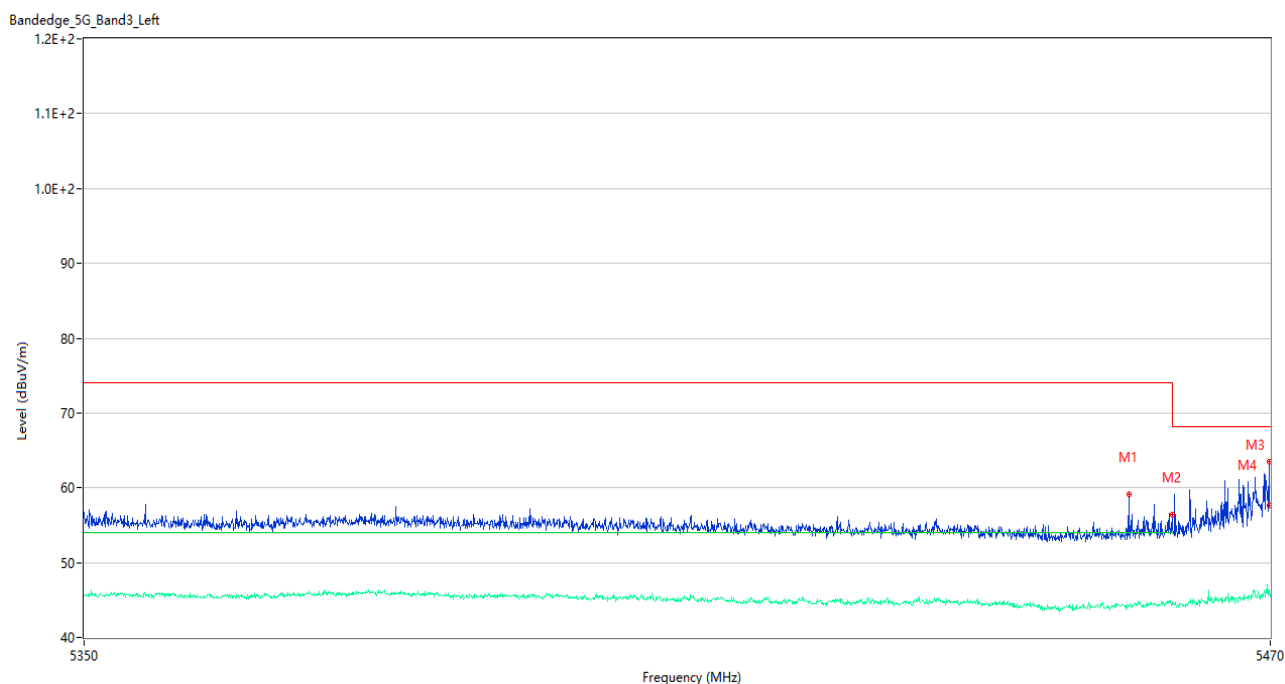
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.280	59.28	3.33	74.0	14.72	Peak	11.00	100	Horizontal	Pass
1**	5457.280	43.74	3.33	54.0	10.26	AV	11.00	100	Horizontal	Pass
2	5459.980	55.33	3.49	74.0	18.67	Peak	74.00	150	Horizontal	Pass
2**	5459.980	44.30	3.49	54.0	9.70	AV	74.00	150	Horizontal	Pass
3	5469.700	65.14	3.28	68.2	3.06	Peak	15.00	150	Horizontal	Pass
3**	5469.700	46.45	3.28	--	--	AV	15.00	150	Horizontal	N/A
4	5469.940	64.16	3.29	68.2	4.04	Peak	99.00	100	Horizontal	Pass
4**	5469.940	46.43	3.29	--	--	AV	99.00	100	Horizontal	N/A

U-NII-2C 11n40 High Channel



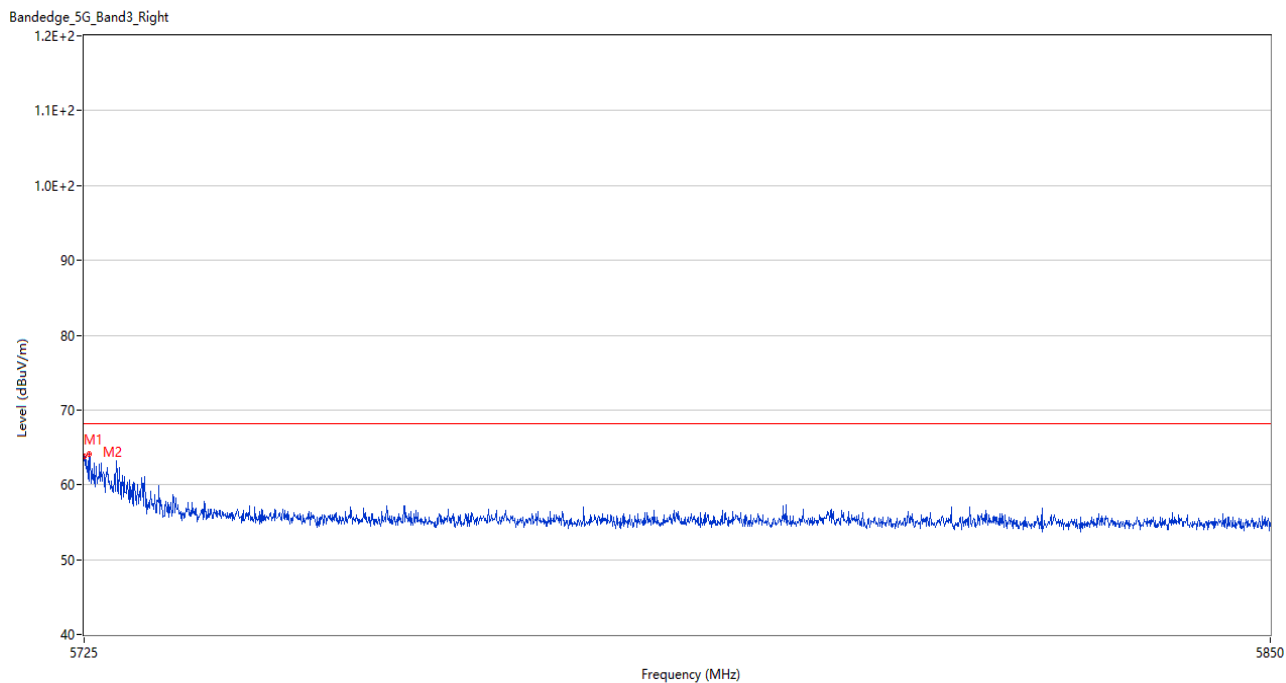
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	57.69	3.44	68.2	10.51	Peak	128.00	150	Horizontal	Pass
2	5725.313	59.23	3.27	68.2	8.97	Peak	15.00	150	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



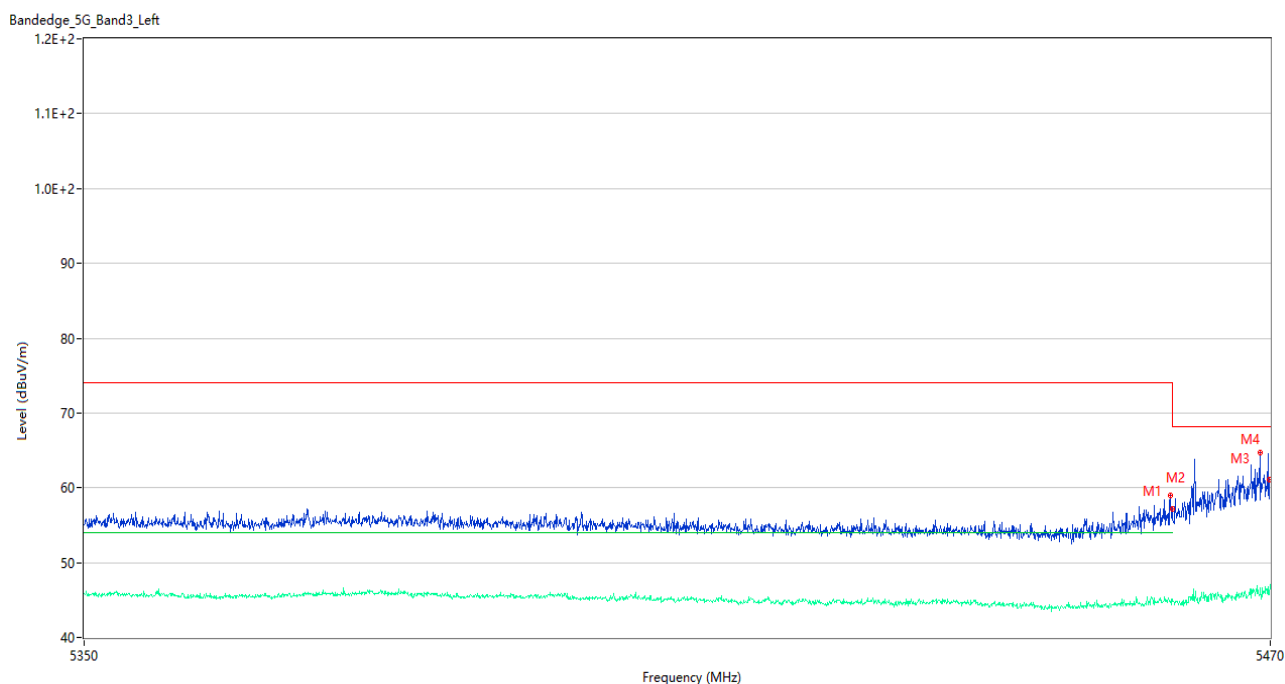
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5455.540	59.13	3.33	74.0	14.87	Peak	61.00	200	Horizontal	Pass
1**	5455.540	44.00	3.33	54.0	10.00	AV	61.00	200	Horizontal	Pass
2	5459.980	56.41	3.49	74.0	17.59	Peak	17.00	150	Horizontal	Pass
2**	5459.980	44.69	3.49	54.0	9.31	AV	17.00	150	Horizontal	Pass
3	5469.880	63.51	3.28	68.2	4.69	Peak	8.00	200	Horizontal	Pass
3**	5469.880	45.79	3.28	--	--	AV	8.00	200	Horizontal	N/A
4	5469.940	57.70	3.29	68.2	10.50	Peak	20.00	200	Horizontal	Pass
4**	5469.940	46.26	3.29	--	--	AV	20.00	200	Horizontal	N/A

U-NII-2C 11ac20 High Channel



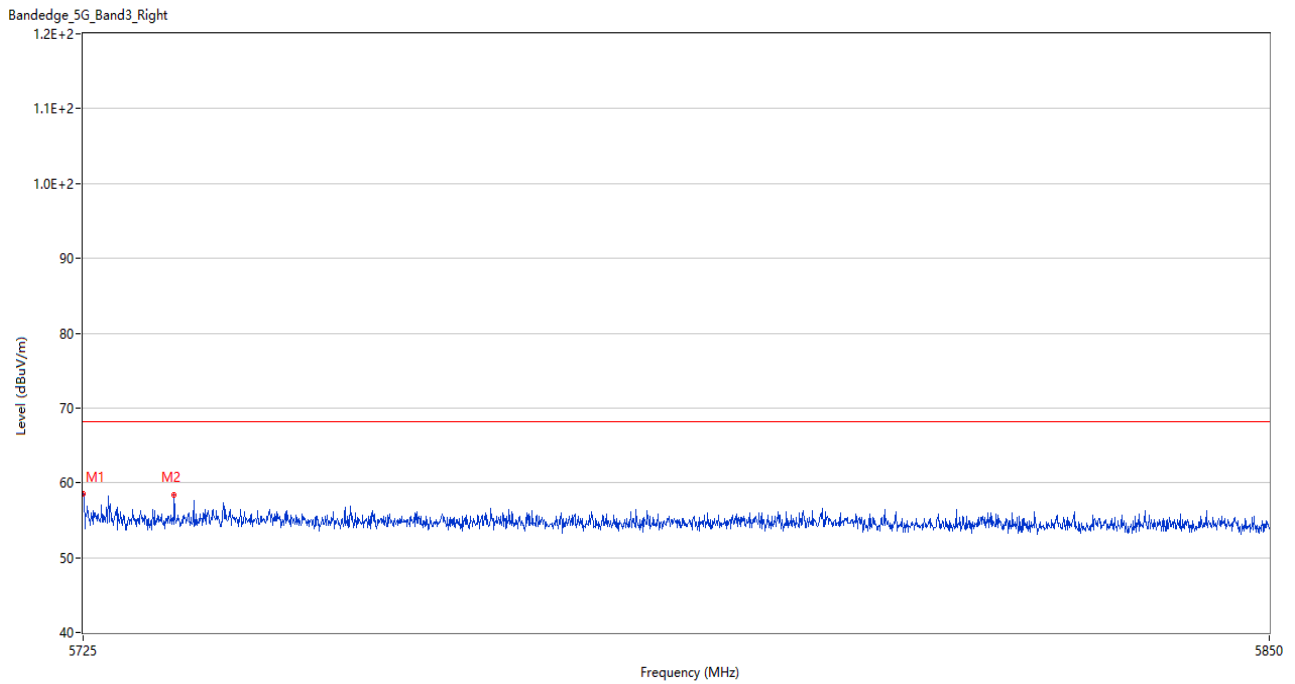
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.82	3.51	68.2	4.38	Peak	18.00	100	Horizontal	Pass
2	5725.562	64.05	3.57	68.2	4.15	Peak	23.00	200	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



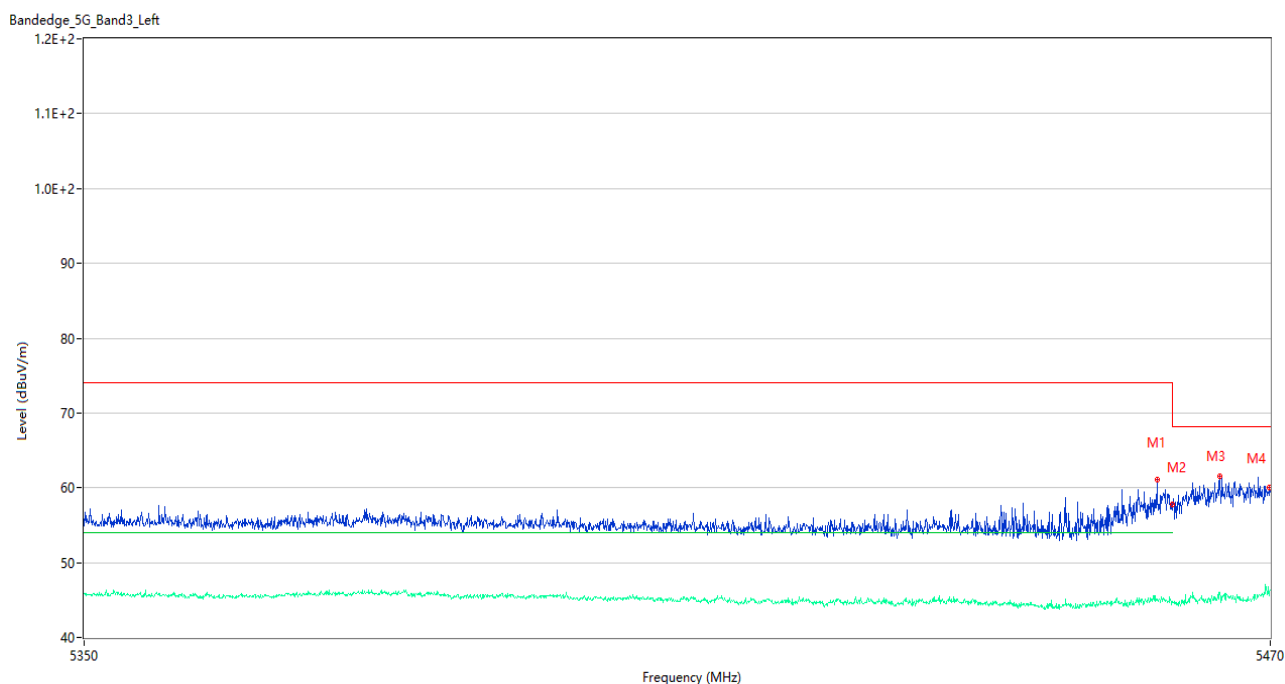
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.800	59.02	3.56	74.0	14.98	Peak	17.00	100	Horizontal	Pass
1**	5459.800	44.71	3.56	54.0	9.29	AV	17.00	100	Horizontal	Pass
2	5459.980	57.15	3.49	74.0	16.85	Peak	17.00	100	Horizontal	Pass
2**	5459.980	45.14	3.49	54.0	8.86	AV	17.00	100	Horizontal	Pass
3	5468.920	64.72	3.15	68.2	3.48	Peak	25.00	100	Horizontal	Pass
3**	5468.920	45.66	3.15	--	--	AV	25.00	100	Horizontal	N/A
4	5469.940	61.10	3.29	68.2	7.10	Peak	98.00	150	Horizontal	Pass
4**	5469.940	45.66	3.29	--	--	AV	98.00	150	Horizontal	N/A

U-NII-2C 11ac40 High Channel



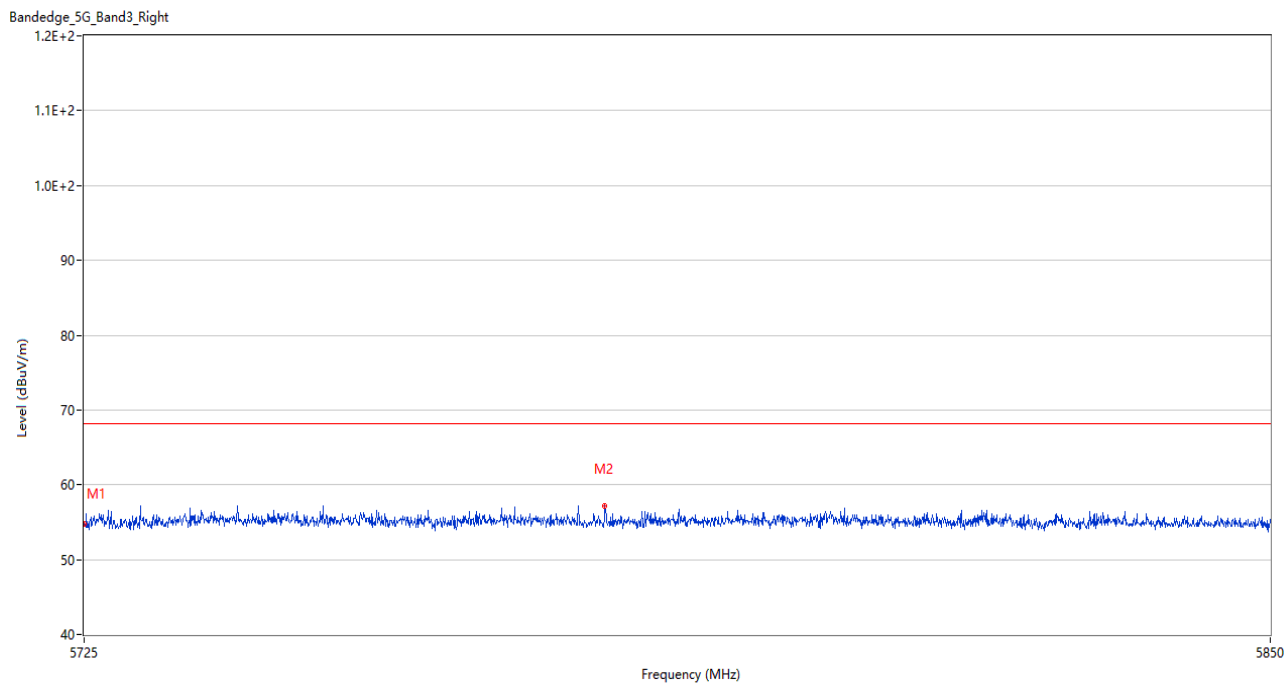
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.59	3.51	68.2	9.61	Peak	20.00	150	Horizontal	Pass
2	5734.500	58.35	3.81	68.2	9.85	Peak	20.00	200	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



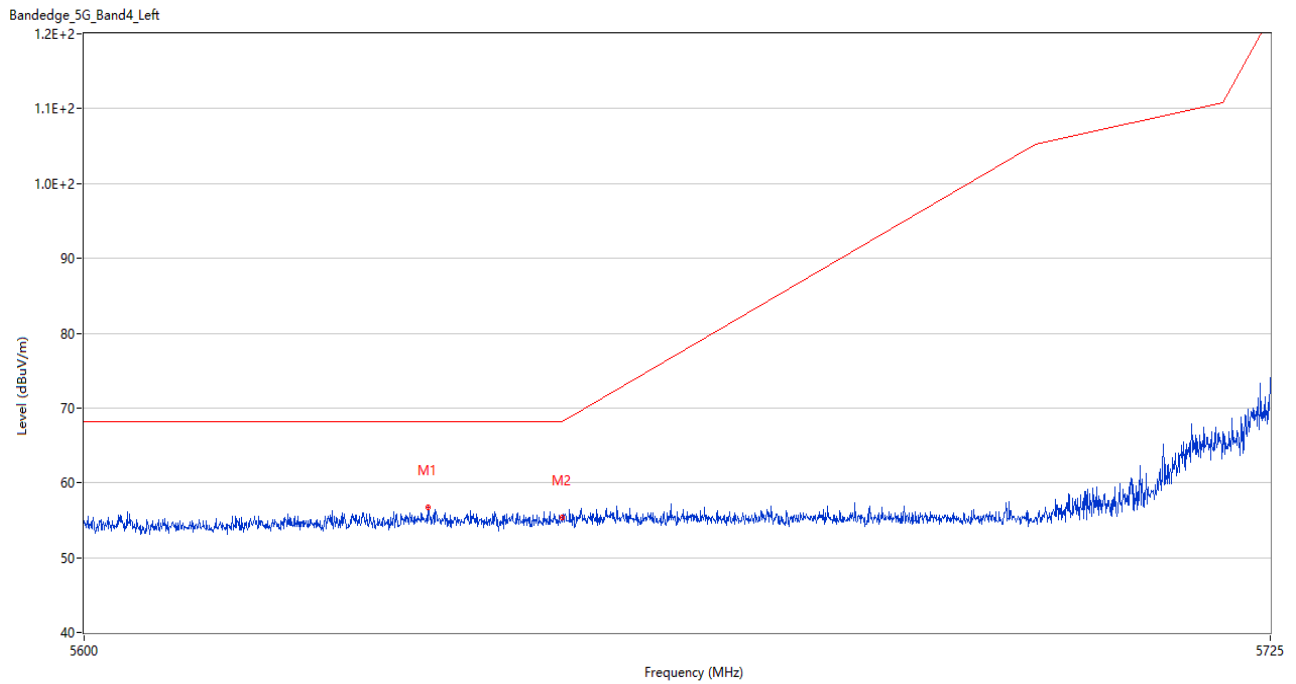
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.420	61.03	3.43	74.0	12.97	Peak	28.00	100	Horizontal	Pass
1**	5458.420	45.19	3.43	54.0	8.81	AV	28.00	100	Horizontal	Pass
2	5459.980	57.71	3.49	74.0	16.29	Peak	109.00	100	Horizontal	Pass
2**	5459.980	44.78	3.49	54.0	9.22	AV	109.00	100	Horizontal	Pass
3	5464.840	61.49	3.44	68.2	6.71	Peak	96.00	150	Horizontal	Pass
3**	5464.840	45.95	3.44	--	--	AV	96.00	150	Horizontal	N/A
4	5469.940	59.98	3.29	68.2	8.22	Peak	58.00	150	Horizontal	Pass
4**	5469.940	46.09	3.29	--	--	AV	58.00	150	Horizontal	N/A

U-NII-2C 11ac80 High Channel



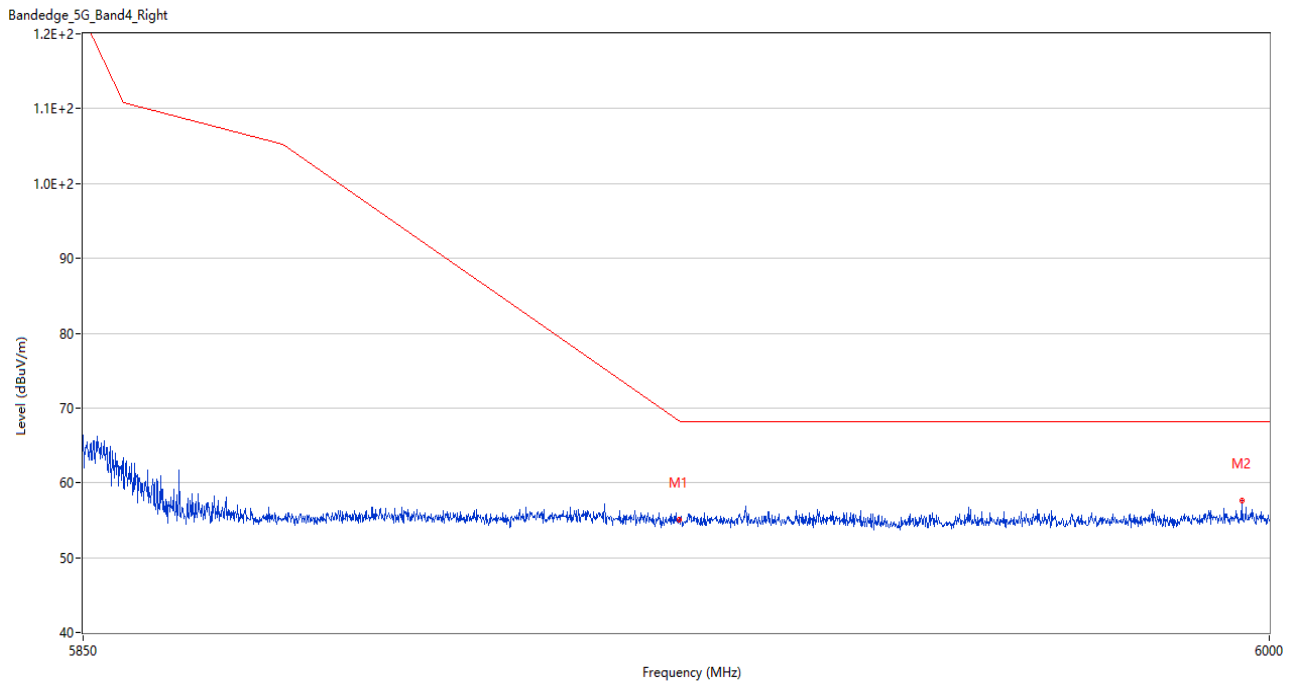
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.80	3.51	68.2	13.40	Peak	0.00	100	Horizontal	Pass
2	5779.562	57.21	3.30	68.2	10.99	Peak	193.00	200	Horizontal	Pass

U-NII-3 11a Low Channel



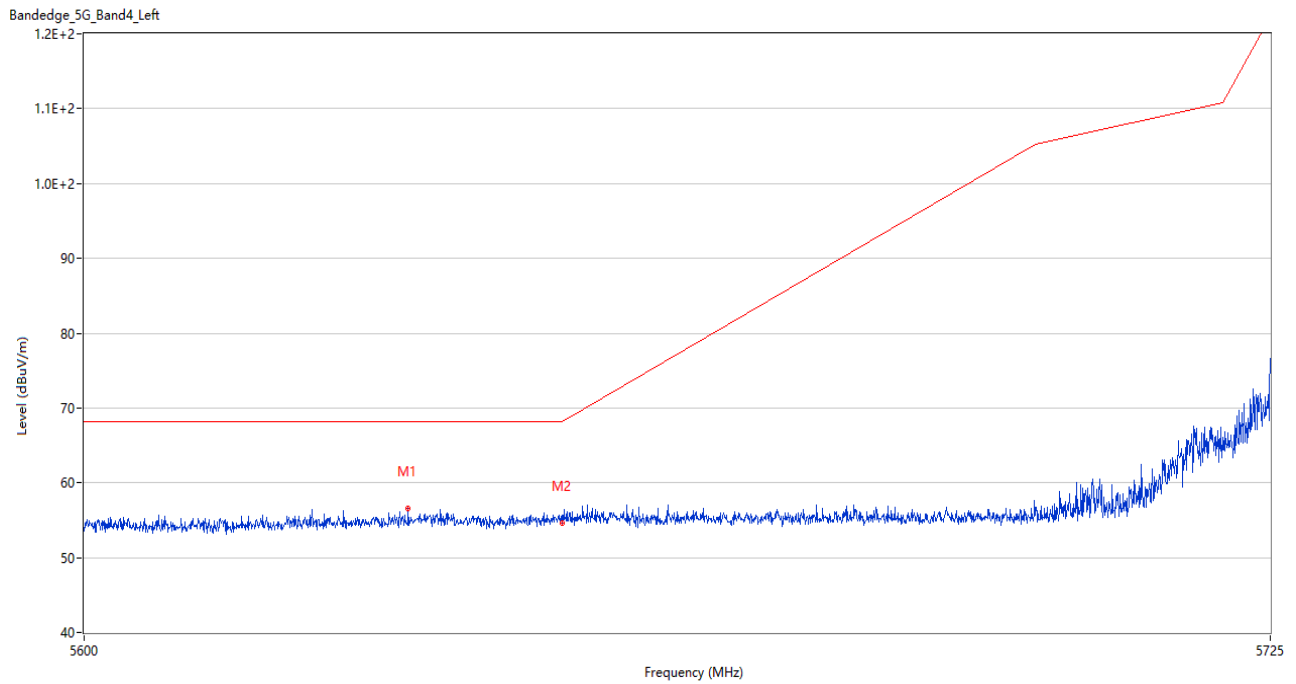
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5635.937	56.73	3.80	68.2	11.47	Peak	30.00	100	Horizontal	Pass
2	5650.000	55.32	3.72	68.2	12.88	Peak	103.00	150	Horizontal	Pass

U-NII-3 11a High Channel



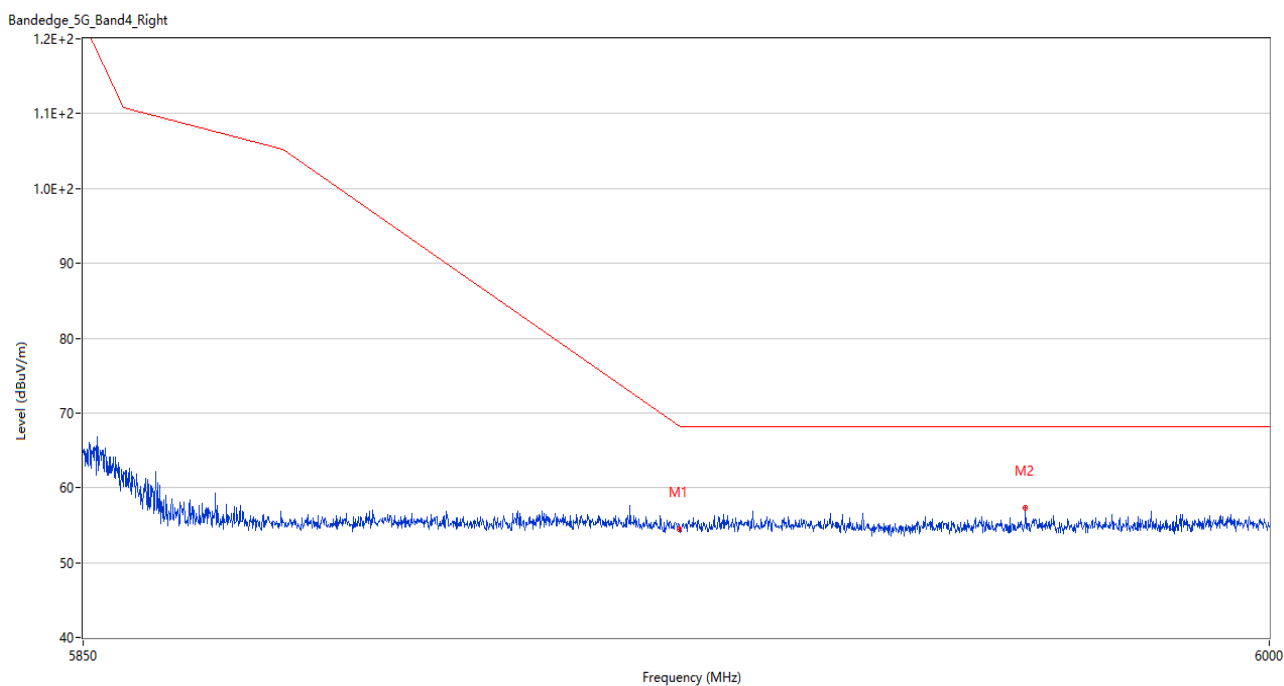
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.09	3.42	68.3	13.21	Peak	65.00	100	Horizontal	Pass
2	5996.475	57.66	4.74	68.2	10.54	Peak	133.00	200	Horizontal	Pass

U-NII-3 11n20 Low Channel



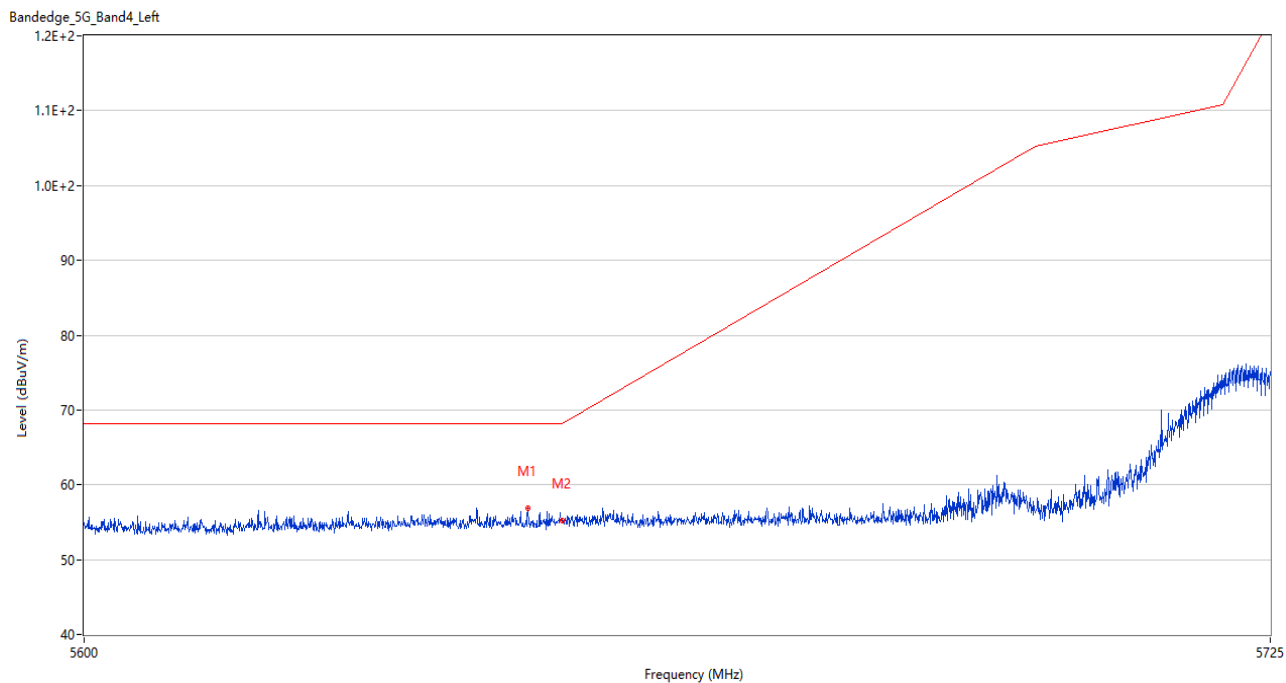
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5633.875	56.53	3.42	68.2	11.67	Peak	215.00	100	Horizontal	Pass
2	5650.000	54.64	3.72	68.2	13.56	Peak	178.00	100	Horizontal	Pass

U-NII-3 11n20 High Channel



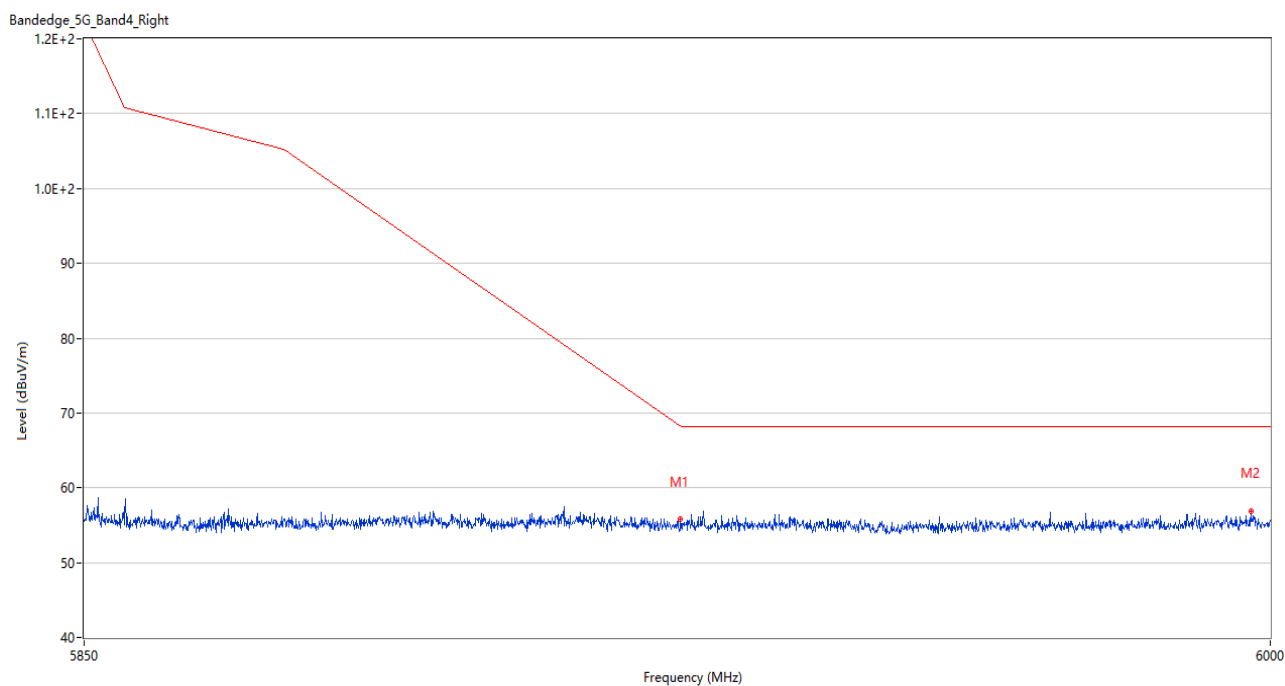
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.42	3.42	68.3	13.88	Peak	304.00	100	Horizontal	Pass
2	5968.875	57.26	4.01	68.2	10.94	Peak	15.00	200	Horizontal	Pass

U-NII-3 11n40 Low Channel



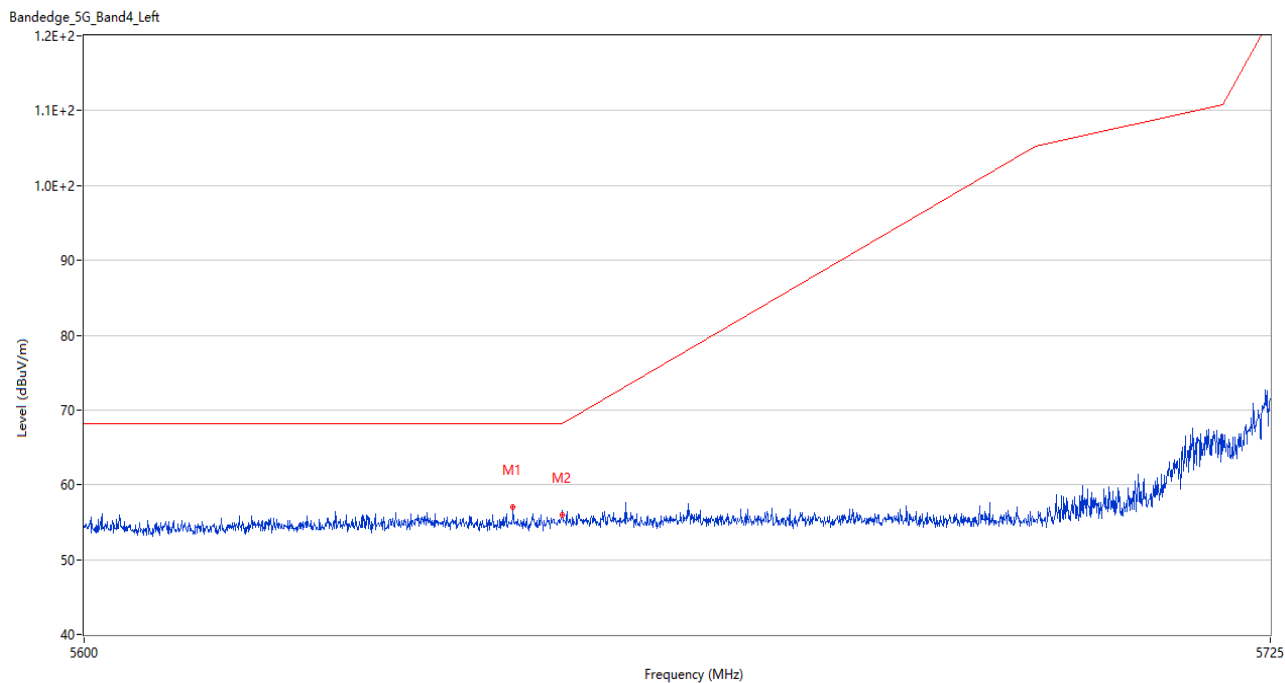
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.437	56.86	3.32	68.2	11.34	Peak	17.00	150	Horizontal	Pass
2	5650.000	55.23	3.72	68.2	12.97	Peak	122.00	150	Horizontal	Pass

U-NII-3 11n40 High Channel



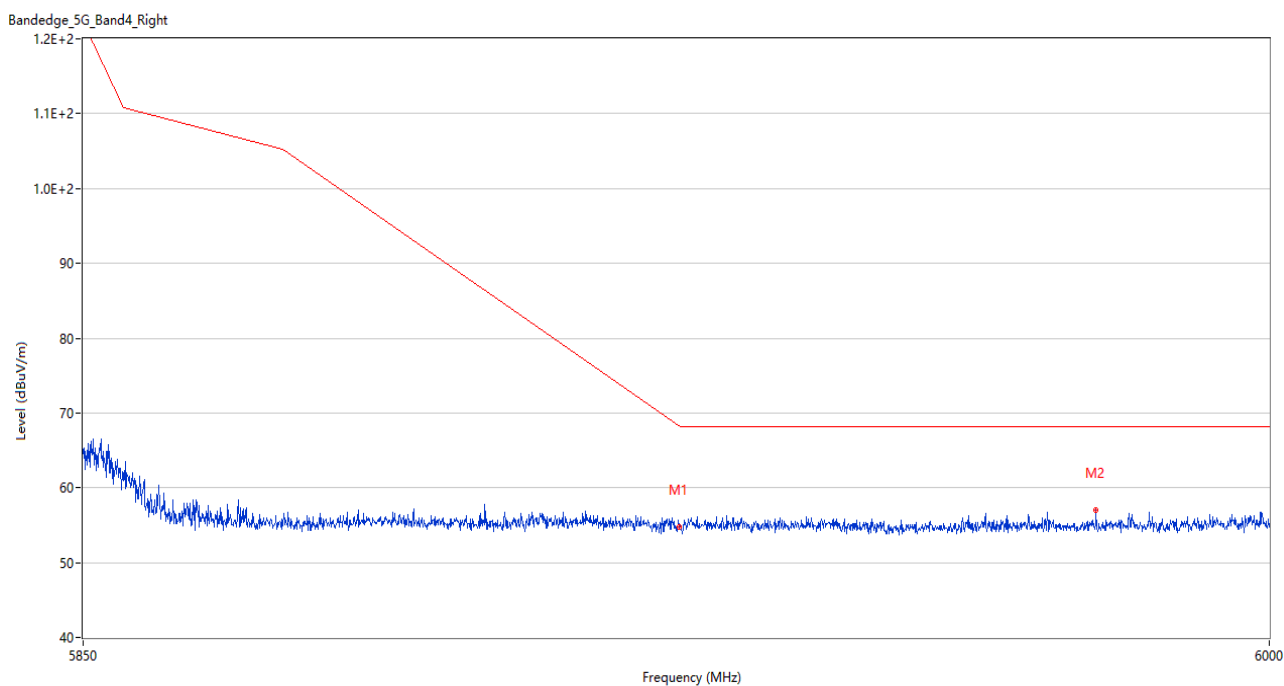
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.85	3.42	68.3	12.45	Peak	356.00	150	Horizontal	Pass
2	5997.525	56.94	4.98	68.2	11.26	Peak	303.00	150	Horizontal	Pass

U-NII-3 11ac20 Low Channel



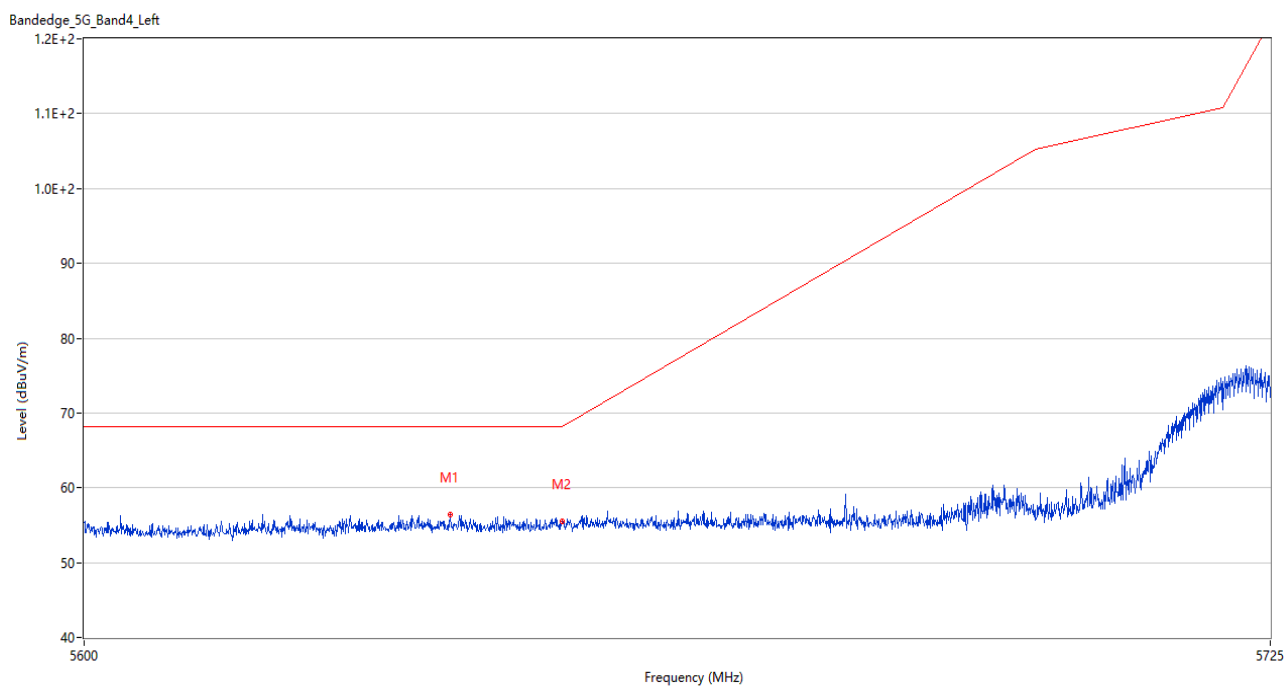
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.875	57.04	3.53	68.2	11.16	Peak	24.00	150	Horizontal	Pass
2	5650.000	55.98	3.72	68.2	12.22	Peak	234.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



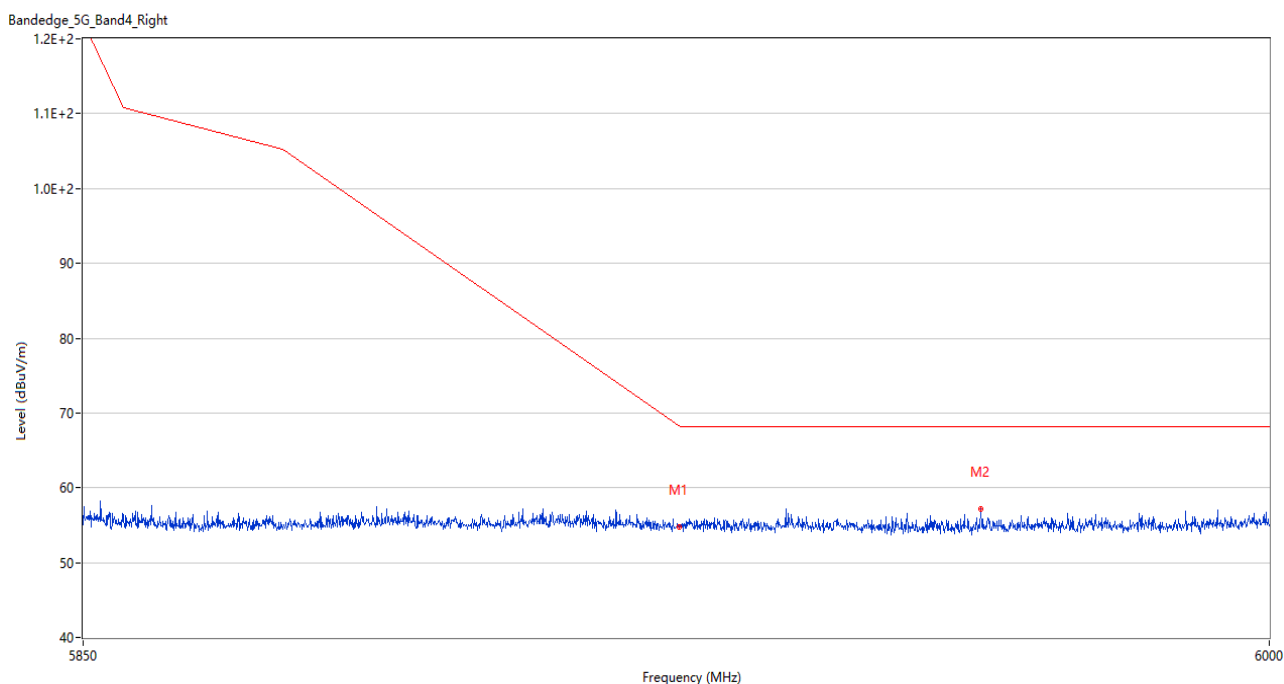
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.80	3.42	68.3	13.50	Peak	145.00	150	Horizontal	Pass
2	5977.875	56.99	4.06	68.2	11.21	Peak	69.00	100	Horizontal	Pass

U-NII-3 11ac40 Low Channel



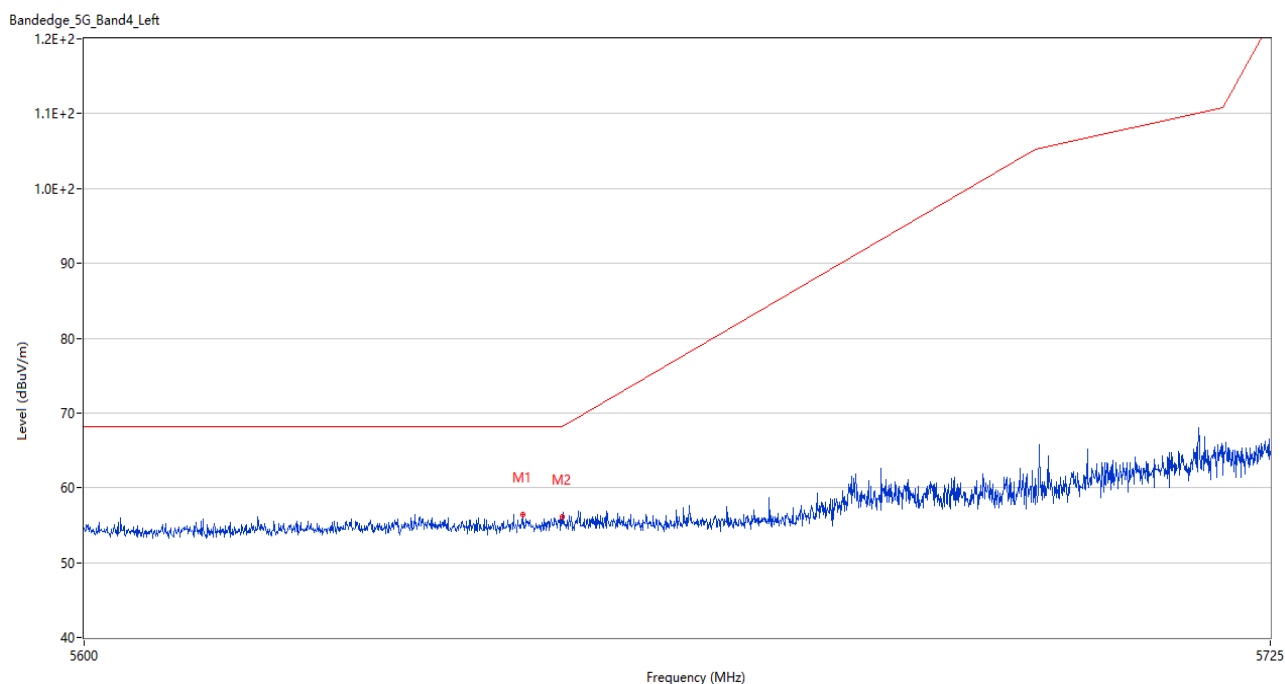
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5638.250	56.41	3.45	68.2	11.79	Peak	266.00	150	Horizontal	Pass
2	5650.000	55.53	3.72	68.2	12.67	Peak	269.00	200	Horizontal	Pass

U-NII-3 11ac40 High Channel



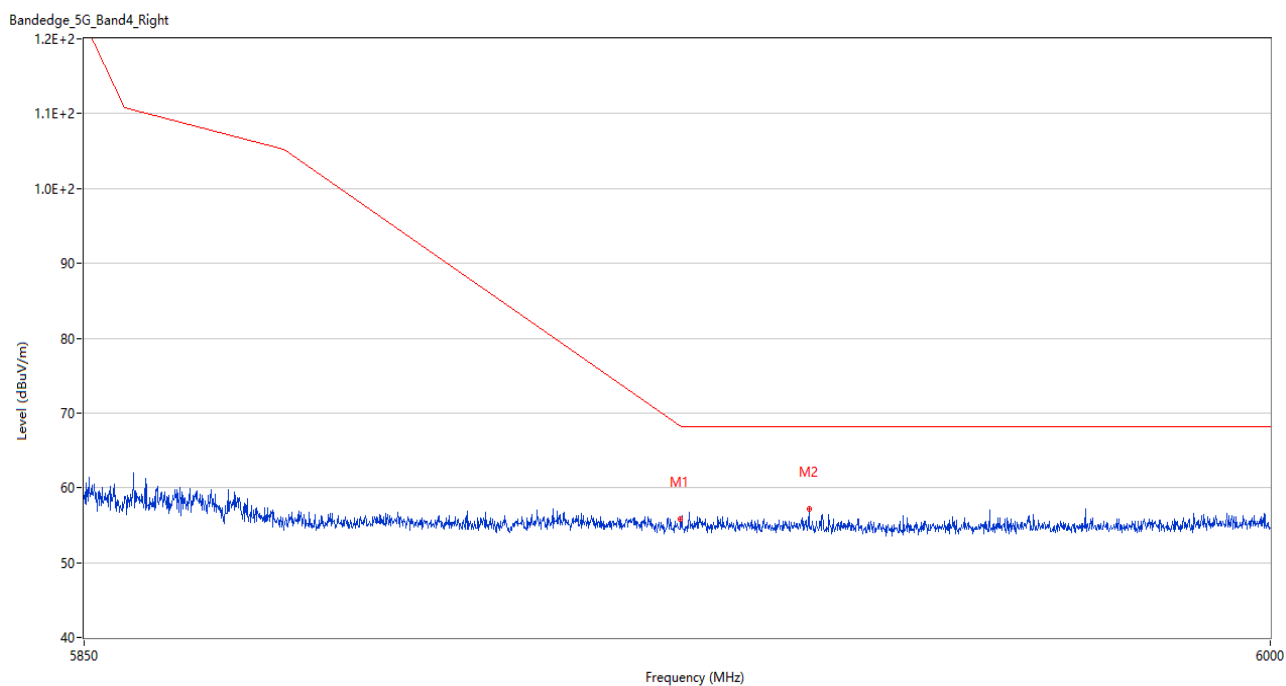
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.79	3.42	68.3	13.51	Peak	285.00	150	Horizontal	Pass
2	5963.175	57.20	3.73	68.2	11.00	Peak	174.00	200	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



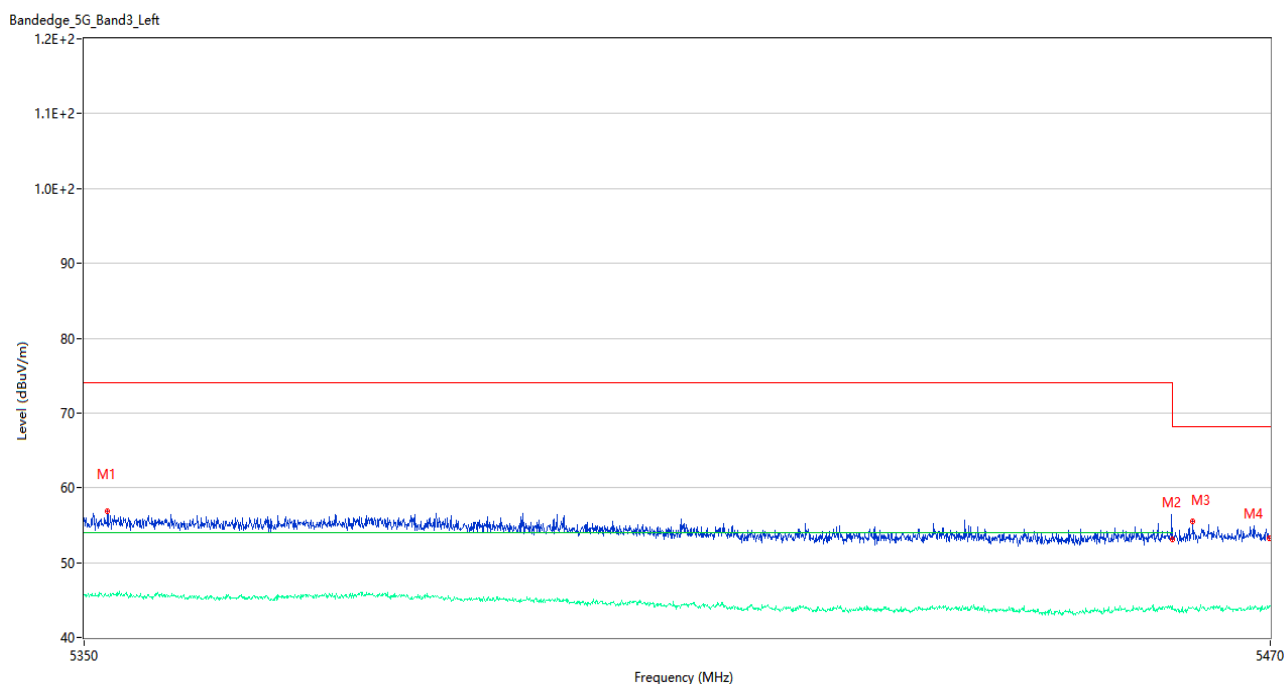
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.875	56.46	3.32	68.2	11.74	Peak	94.00	200	Horizontal	Pass
2	5650.000	56.05	3.72	68.2	12.15	Peak	103.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



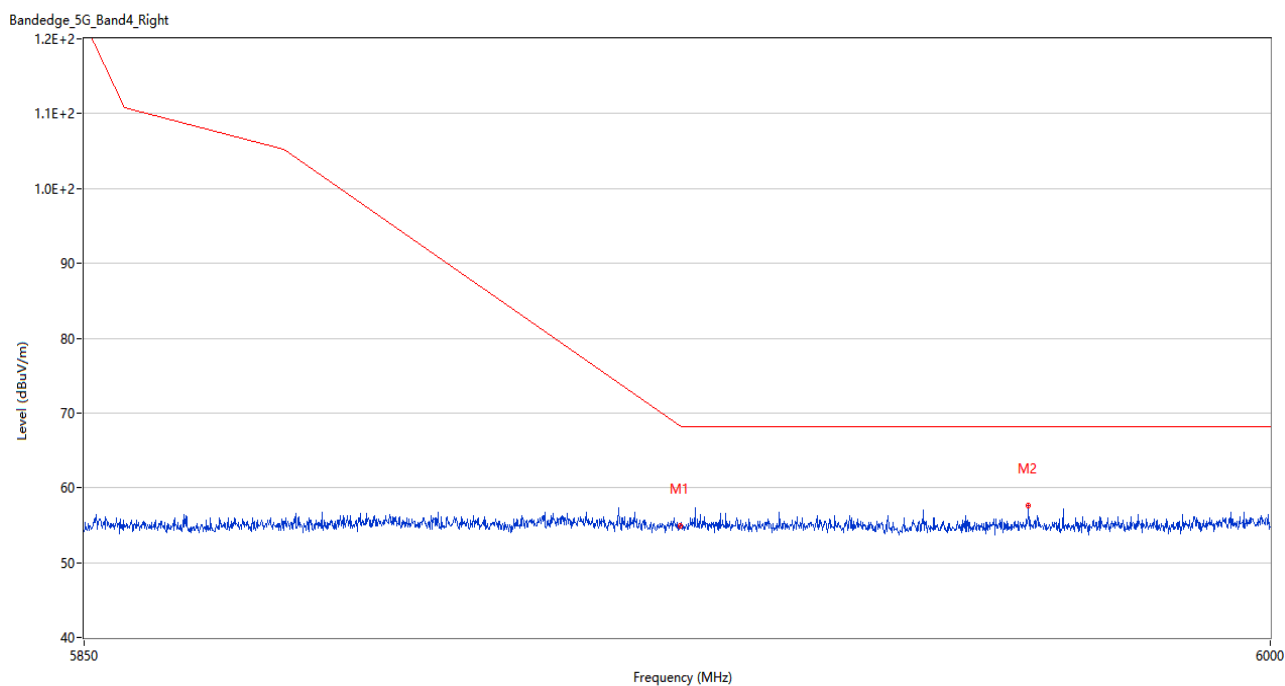
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.76	3.42	68.3	12.54	Peak	127.00	150	Horizontal	Pass
2	5941.200	57.14	3.53	68.2	11.06	Peak	106.00	150	Horizontal	Pass

U-NII-2C & U-NII-3 11a 144 Channel



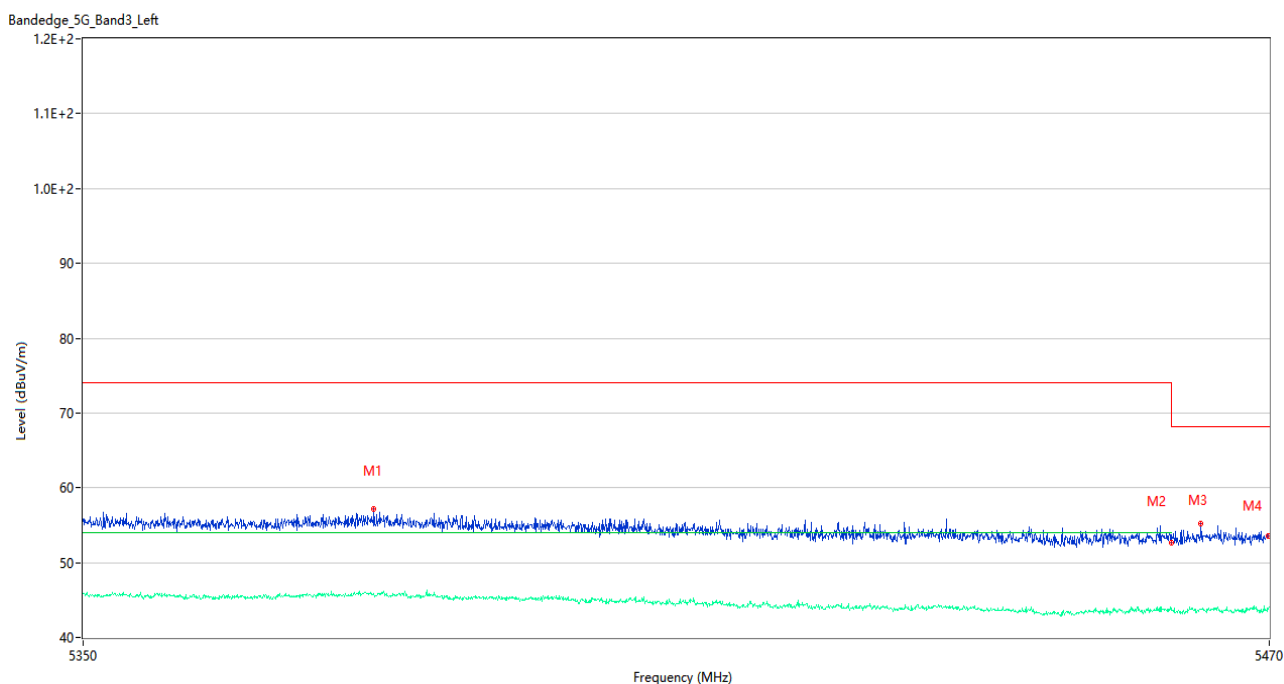
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5352.340	56.90	3.10	74.0	17.10	Peak	252.00	150	Horizontal	Pass
1**	5352.340	45.56	3.10	54.0	8.44	AV	252.00	150	Horizontal	Pass
2	5459.980	53.15	3.49	74.0	20.85	Peak	205.00	200	Horizontal	Pass
2**	5459.980	44.23	3.49	54.0	9.77	AV	205.00	200	Horizontal	Pass
3	5462.080	55.59	3.57	68.2	12.61	Peak	294.00	150	Horizontal	Pass
3**	5462.080	44.09	3.57	--	--	AV	294.00	150	Horizontal	N/A
4	5469.940	53.28	3.29	68.2	14.92	Peak	53.00	100	Horizontal	Pass
4**	5469.940	44.00	3.29	--	--	AV	53.00	100	Horizontal	N/A

U-NII-2C & U-NII-3 11a 144 Channel



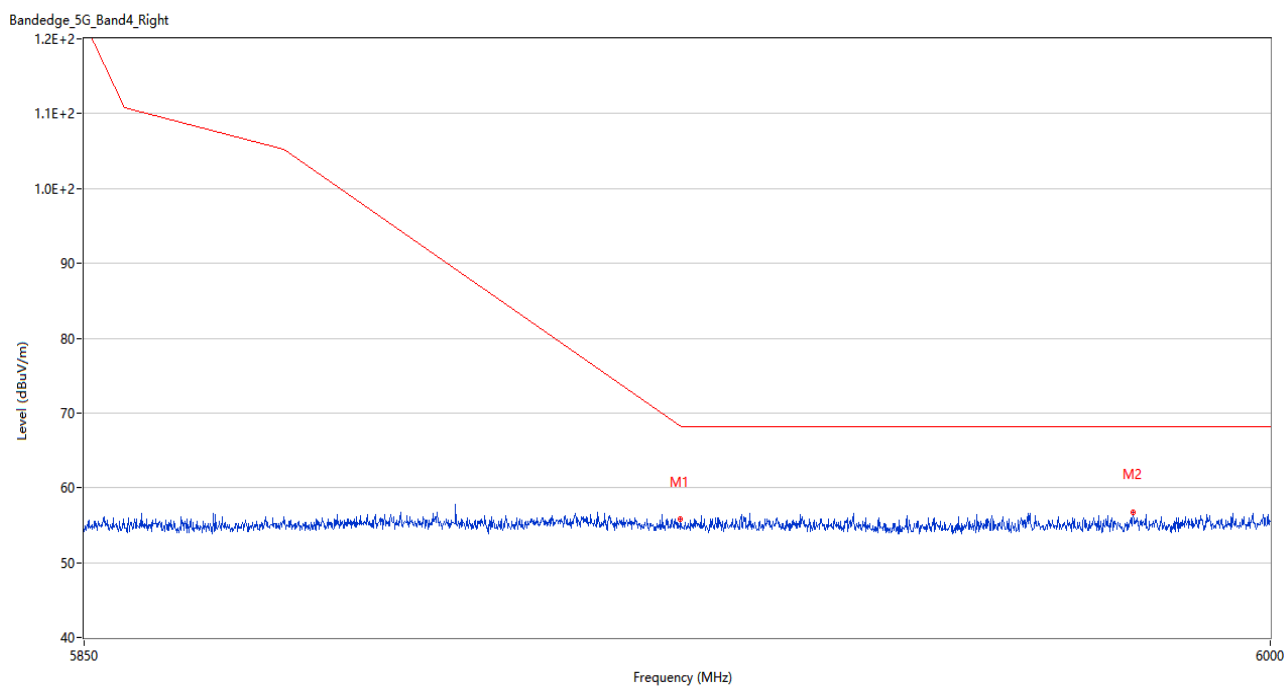
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.95	3.42	68.3	13.35	Peak	52.00	150	Horizontal	Pass
2	5969.100	57.63	4.08	68.2	10.57	Peak	77.00	100	Horizontal	Pass

U-NII-2C & U-NII-3 11n20 144 Channel



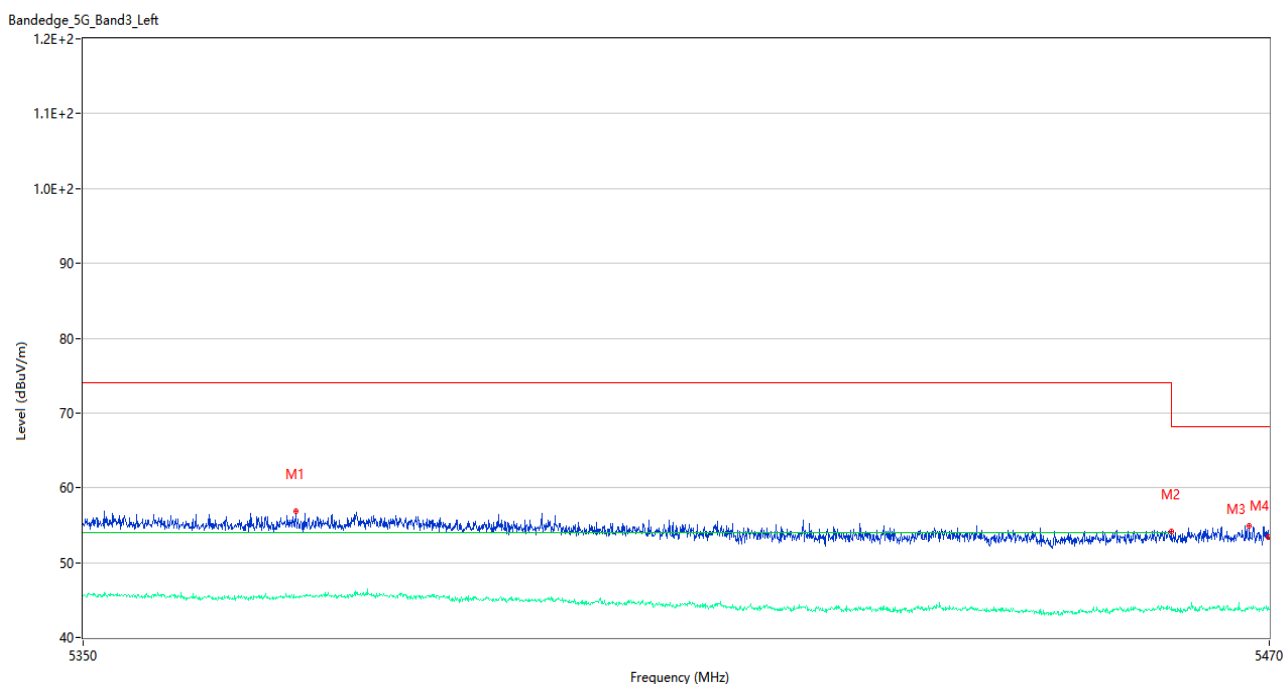
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5379.160	57.23	3.08	74.0	16.77	Peak	149.00	100	Horizontal	Pass
1**	5379.160	45.82	3.08	54.0	8.18	AV	149.00	100	Horizontal	Pass
2	5459.980	52.73	3.49	74.0	21.27	Peak	249.00	150	Horizontal	Pass
2**	5459.980	43.95	3.49	54.0	10.05	AV	249.00	150	Horizontal	Pass
3	5463.040	55.23	3.62	68.2	12.97	Peak	17.00	100	Horizontal	Pass
3**	5463.040	43.82	3.62	--	--	AV	17.00	100	Horizontal	N/A
4	5469.940	53.53	3.29	68.2	14.67	Peak	14.00	150	Horizontal	Pass
4**	5469.940	43.84	3.29	--	--	AV	14.00	150	Horizontal	N/A

U-NII-2C & U-NII-3 11n20 144 Channel



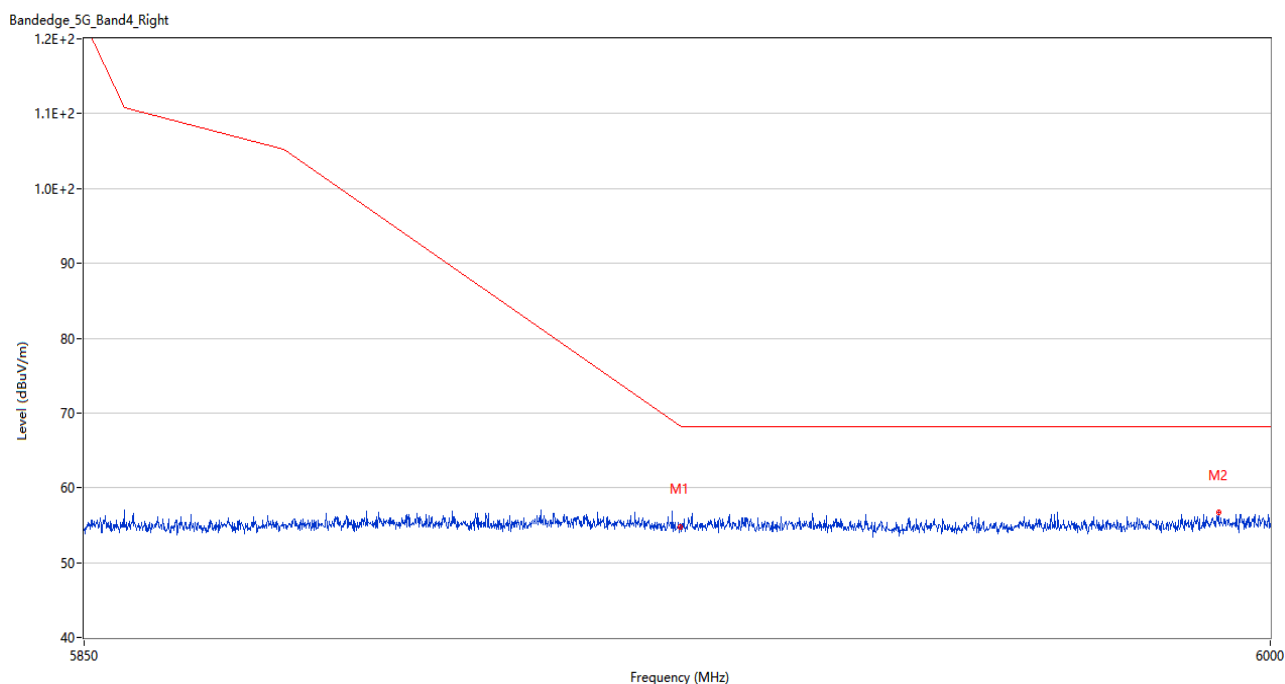
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.82	3.42	68.3	12.48	Peak	357.00	150	Horizontal	Pass
2	5982.450	56.79	4.24	68.2	11.41	Peak	229.00	100	Horizontal	Pass

U-NII-2C & U-NII-3 11n40 142 Channel



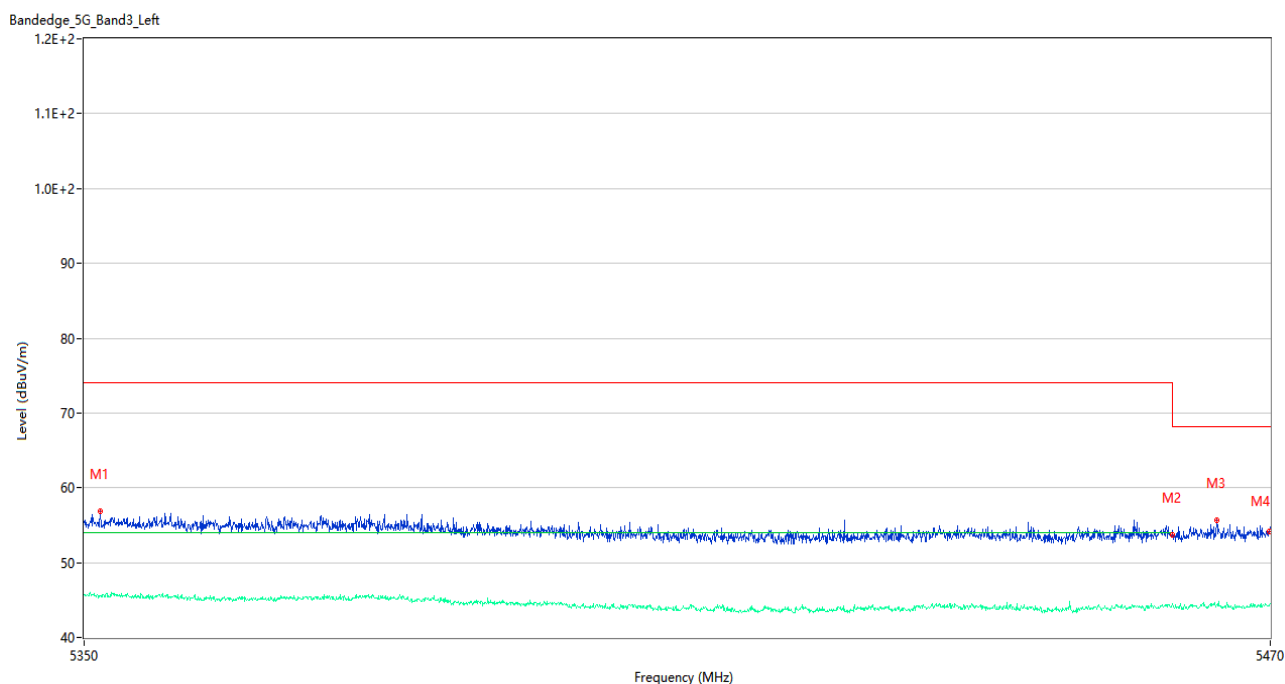
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5371.300	56.90	2.70	74.0	17.10	Peak	321.00	150	Horizontal	Pass
1**	5371.300	45.30	2.70	54.0	8.70	AV	321.00	150	Horizontal	Pass
2	5459.980	54.12	3.49	74.0	19.88	Peak	140.00	200	Horizontal	Pass
2**	5459.980	43.56	3.49	54.0	10.44	AV	140.00	200	Horizontal	Pass
3	5467.960	54.98	3.29	68.2	13.22	Peak	193.00	100	Horizontal	Pass
3**	5467.960	44.01	3.29	--	--	AV	193.00	100	Horizontal	N/A
4	5469.940	53.46	3.29	68.2	14.74	Peak	53.00	200	Horizontal	Pass
4**	5469.940	44.02	3.29	--	--	AV	53.00	200	Horizontal	N/A

U-NII-2C & U-NII-3 11n40 142 Channel



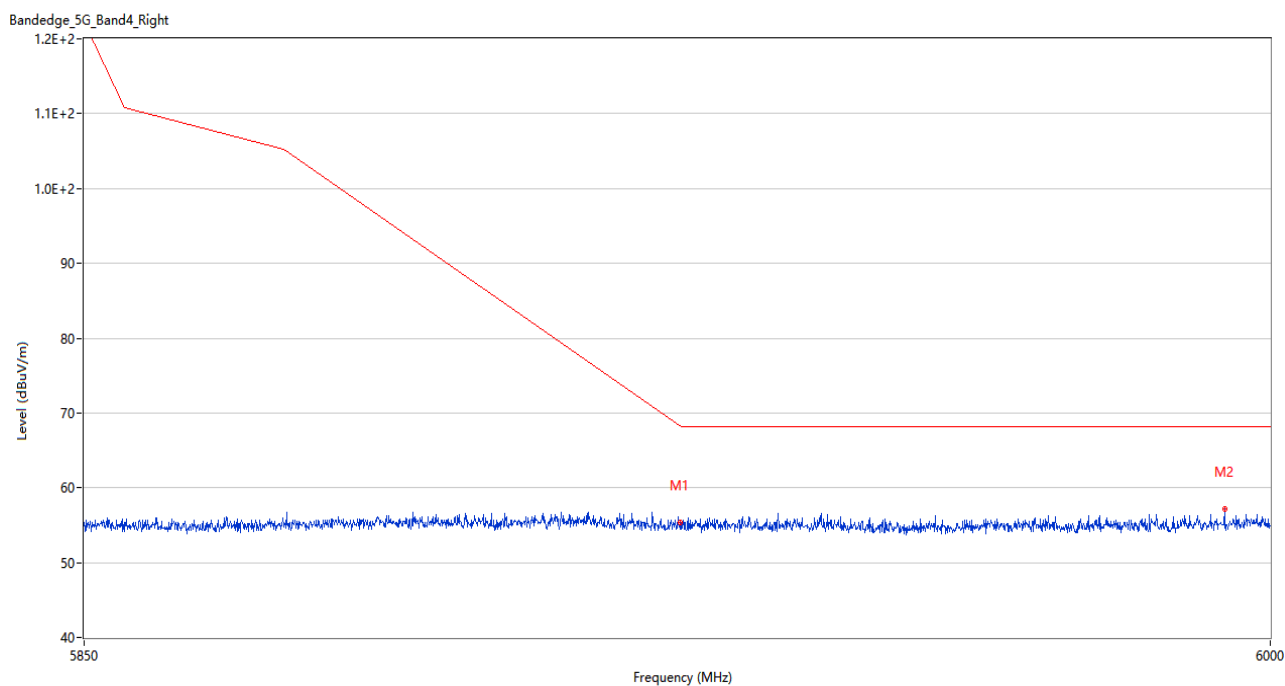
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.82	3.42	68.3	13.48	Peak	57.00	200	Horizontal	Pass
2	5993.400	56.73	4.66	68.2	11.47	Peak	28.00	200	Horizontal	Pass

U-NII-2C & U-NII-3 11ac20 144 Channel



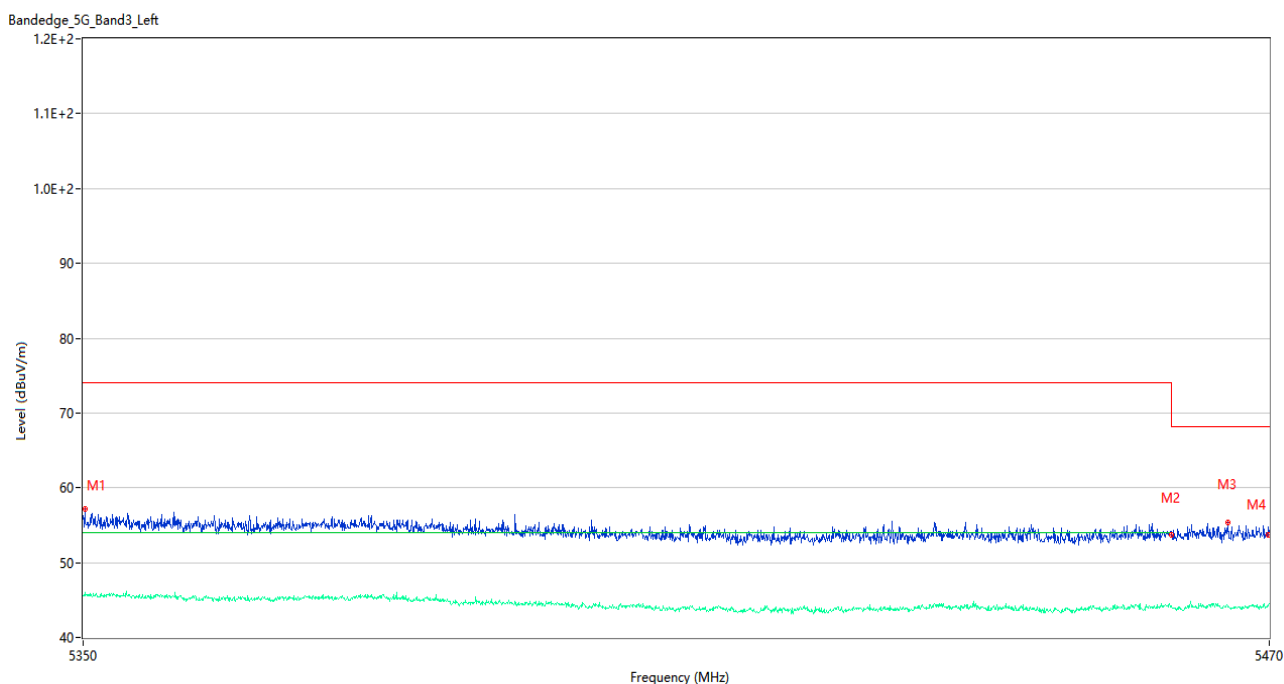
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5351.620	56.80	3.07	74.0	17.20	Peak	340.00	200	Horizontal	Pass
1**	5351.620	45.50	3.07	54.0	8.50	AV	340.00	200	Horizontal	Pass
2	5459.980	53.64	3.49	74.0	20.36	Peak	254.00	100	Horizontal	Pass
2**	5459.980	44.39	3.49	54.0	9.61	AV	254.00	100	Horizontal	Pass
3	5464.540	55.63	3.51	68.2	12.57	Peak	357.00	100	Horizontal	Pass
3**	5464.540	44.41	3.51	--	-44.41	AV	357.00	100	Horizontal	N/A
4	5469.940	54.18	3.29	68.2	14.02	Peak	328.00	150	Horizontal	Pass
4**	5469.940	44.20	3.29	--	-44.20	AV	328.00	150	Horizontal	N/A

U-NII-2C & U-NII-3 11ac20 144 Channel



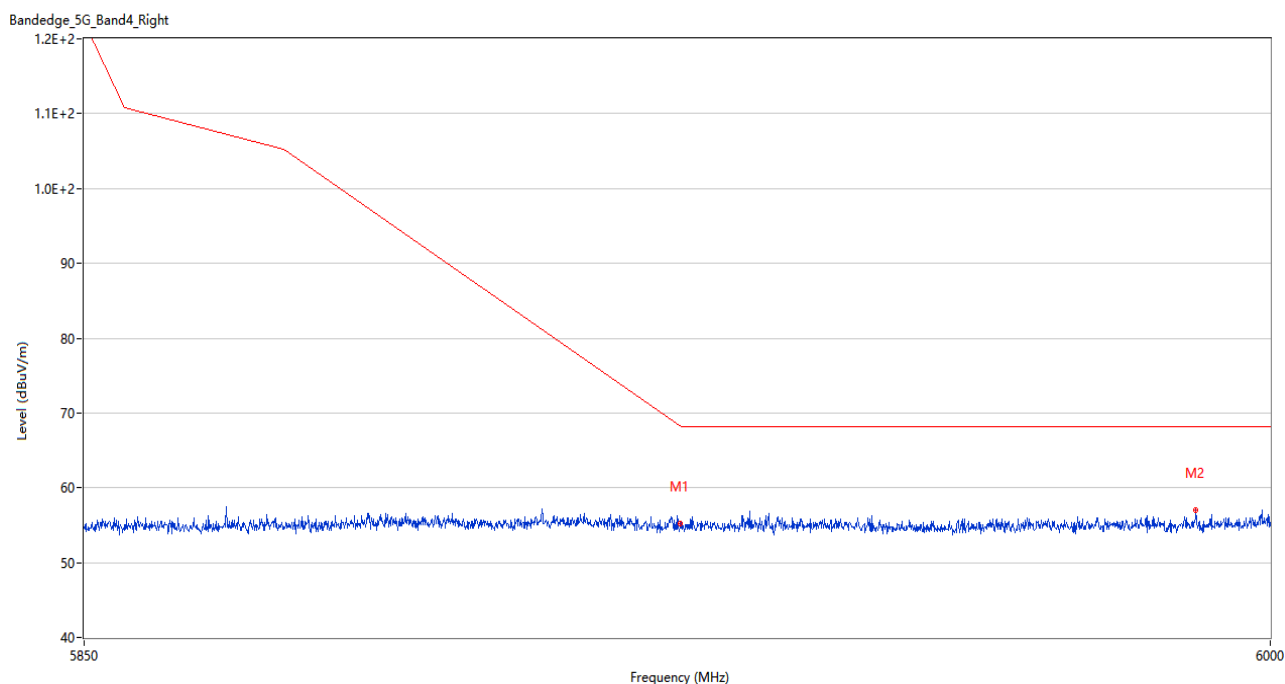
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.41	3.42	68.3	12.89	Peak	44.00	150	Horizontal	Pass
2	5994.150	57.12	4.69	68.2	11.08	Peak	86.00	200	Horizontal	Pass

U-NII-2C & U-NII-3 11ac40 142 Channel



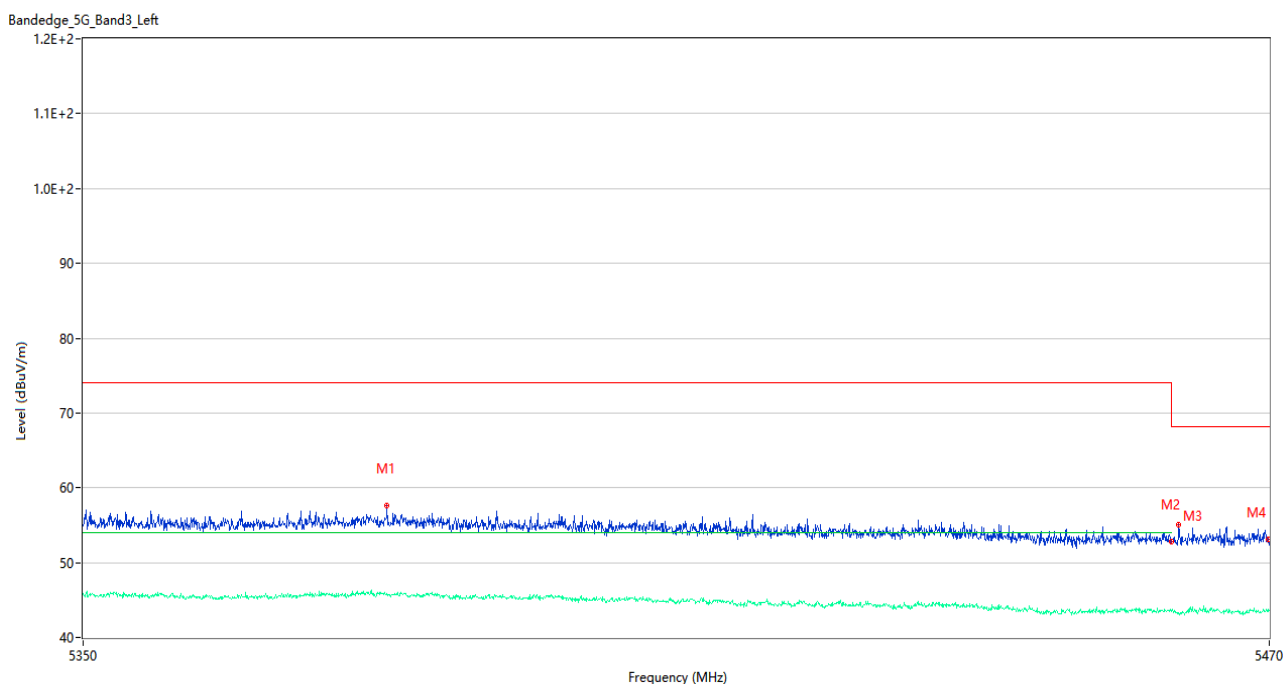
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.180	57.21	3.24	74.0	16.79	Peak	360.00	200	Horizontal	Pass
1**	5350.180	45.52	3.24	54.0	8.48	AV	360.00	200	Horizontal	Pass
2	5459.980	53.64	3.49	74.0	20.36	Peak	10.00	200	Horizontal	Pass
2**	5459.980	44.24	3.49	54.0	9.76	AV	10.00	200	Horizontal	Pass
3	5465.740	55.44	3.39	68.2	12.76	Peak	258.00	100	Horizontal	Pass
3**	5465.740	44.21	3.39	--	--	AV	258.00	100	Horizontal	N/A
4	5469.940	53.72	3.29	68.2	14.48	Peak	351.00	200	Horizontal	Pass
4**	5469.940	44.22	3.29	--	--	AV	351.00	200	Horizontal	N/A

U-NII-2C & U-NII-3 11ac40 142 Channel



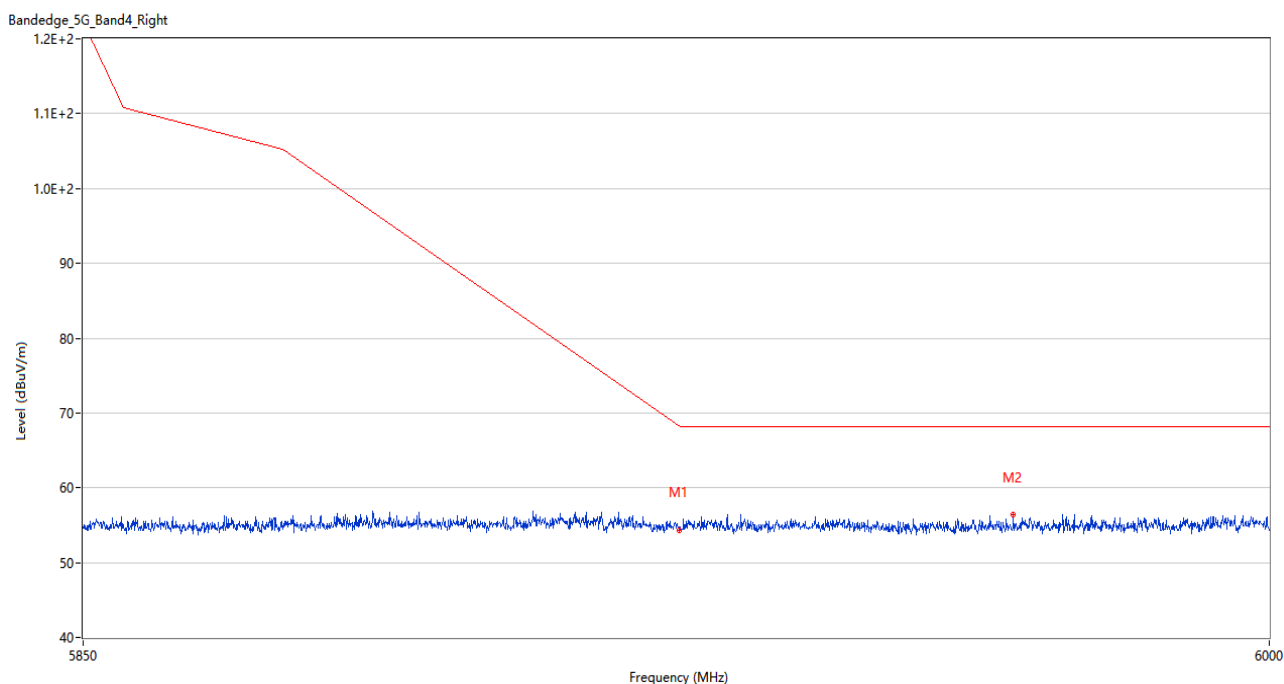
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	55.25	3.42	68.3	13.05	Peak	98.00	200	Horizontal	Pass
2	5990.475	57.06	4.79	68.2	11.14	Peak	360.00	200	Horizontal	Pass

U-NII-2C & U-NII-3 11ac80 138 Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5380.480	57.56	3.06	74.0	16.44	Peak	234.00	150	Horizontal	Pass
1**	5380.480	45.73	3.06	54.0	8.27	AV	234.00	150	Horizontal	Pass
2	5459.980	52.77	3.49	74.0	21.23	Peak	281.00	100	Horizontal	Pass
2**	5459.980	43.59	3.49	54.0	10.41	AV	281.00	100	Horizontal	Pass
3	5460.760	55.09	3.19	68.2	13.11	Peak	268.00	200	Horizontal	Pass
3**	5460.760	43.37	3.19	--	--	AV	268.00	200	Horizontal	N/A
4	5469.940	53.07	3.29	68.2	15.13	Peak	222.00	150	Horizontal	Pass
4**	5469.940	43.78	3.29	--	--	AV	222.00	150	Horizontal	N/A

U-NII-2C & U-NII-3 11ac80 138 Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	54.37	3.42	68.3	13.93	Peak	264.00	150	Horizontal	Pass
2	5967.300	56.42	3.68	68.2	11.78	Peak	117.00	200	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2440422-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2440422-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2440422-AI.PDF”.

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--END OF REPORT--