

TEST REPORT

Applicant: Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address: No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China
Equipment Type: Mobile Phone
Model Name: RMX3890
Brand Name: realme
FCC ID: 2AUYFRMX3890
Test Standard: 47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date: Oct. 07, 2023
Test Date: Oct. 13, 2023 - Oct. 21, 2023
Date of Issue: Nov. 09, 2023

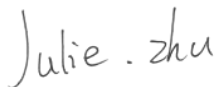
ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Julie zhu

Checked by: Ye Hongji

Approved by: Liao Jianming
(Technical Director)



Revision History		
Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Nov. 09, 2023</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	<input checked="" type="checkbox"/> Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	<input type="checkbox"/> 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	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

2.2 Manufacturer Information

Manufacturer	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	RMX3890
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	11
Software Version	U Edition
Dimensions (Approx.)	about 164.6mm×75.4mm×7.59mm
Weight (Approx.)	Glass: about 185g(with battery)
EUT ID	S07, S09, S11
IMEI Number	S07: IMEI1: 863463060019979, IMEI2: 863463060019961
	S09: IMEI1: 863463060019995, IMEI2: 863463060019987
	S11: IMEI1: 863463060019755, IMEI2: 863463060019748

2.4 Technical Information

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

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	<input type="checkbox"/> Mobile <input checked="" type="checkbox"/> Portable <input type="checkbox"/> Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Mobile and Portable for FCC standard
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: 62.81 mW U-NII-2A: 64.57 mW U-NII-2C: 66.07 mW U-NII-3: 67.61 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	IFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 0.60 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.80 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.80 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.40 dBi
About the Product	The equipment is Mobile Phone, intended for used with information technology equipment.

2.5 Channel List

20 MHz		40 MHz		80 MHz	
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	155	5775
56	5280	110	5550		
60	5300	118	5590		
64	5320	126	5630		
100	5500	134	5670		
104	5520	151	5755		
108	5540	159	5795		
112	5560				
116	5580				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
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	149	Low	5745
116	Mid	5580	157	Mid	5785
140	High	5700	165	High	5825

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

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

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

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	44% to 61%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.4°C to +25.5°C
	LT (Low Temperature)	-12.0°C
	HT (High Temperature)	+55.0°C
Working Voltage of the EUT	NV (Normal Voltage)	3.89 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	KEYSIGHT	N9020A	MY50330200	2023.05.16	2024.05.15
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2022.12.28	2023.12.27
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2023.09.05	2024.09.04
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2023.06.19	2024.06.18
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	01631	2022.02.03	2025.02.02
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2024.09.03
Amplifier	COM-MV	ZT30-1000M	18110850	2023.09.05	2024.09.04
Amplifier	COM-MV	LSCX_LNA 1-12G-01	180602	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2022.12.07	2023.12.06
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2023.05.16	2024.05.15
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2022.02.19	2025.02.18

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2023.09.05	2024.09.04
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.26	2026.03.03

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

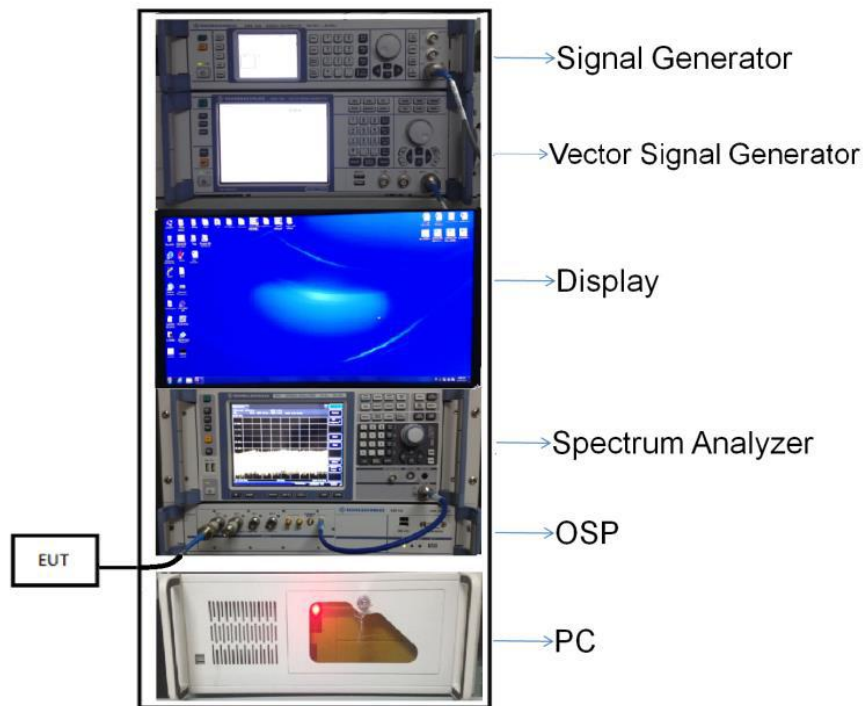
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

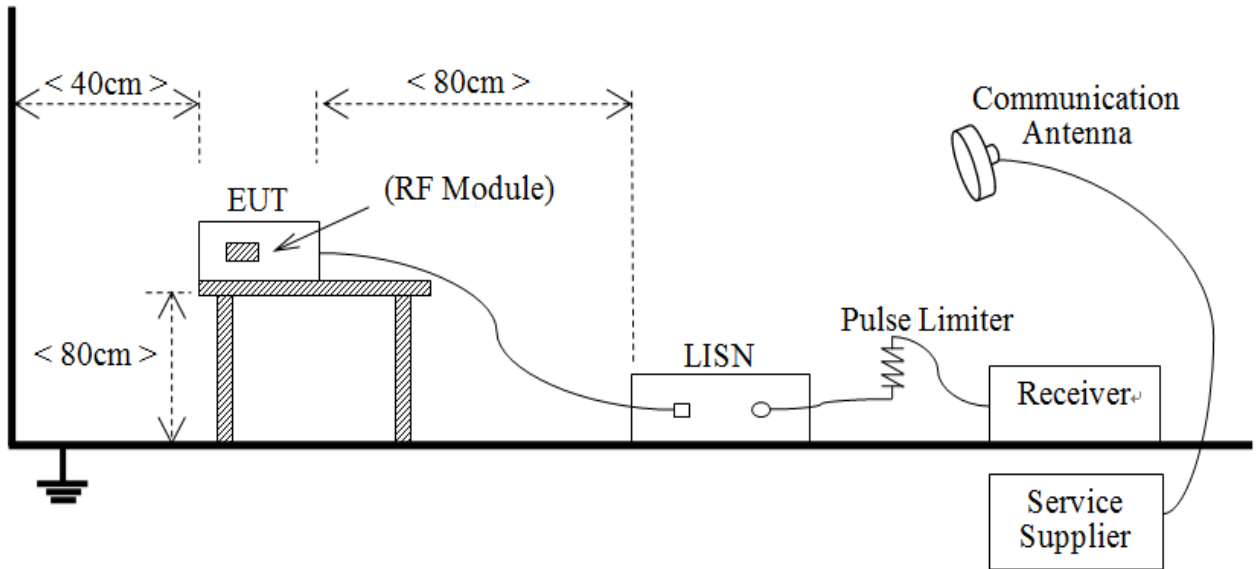
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



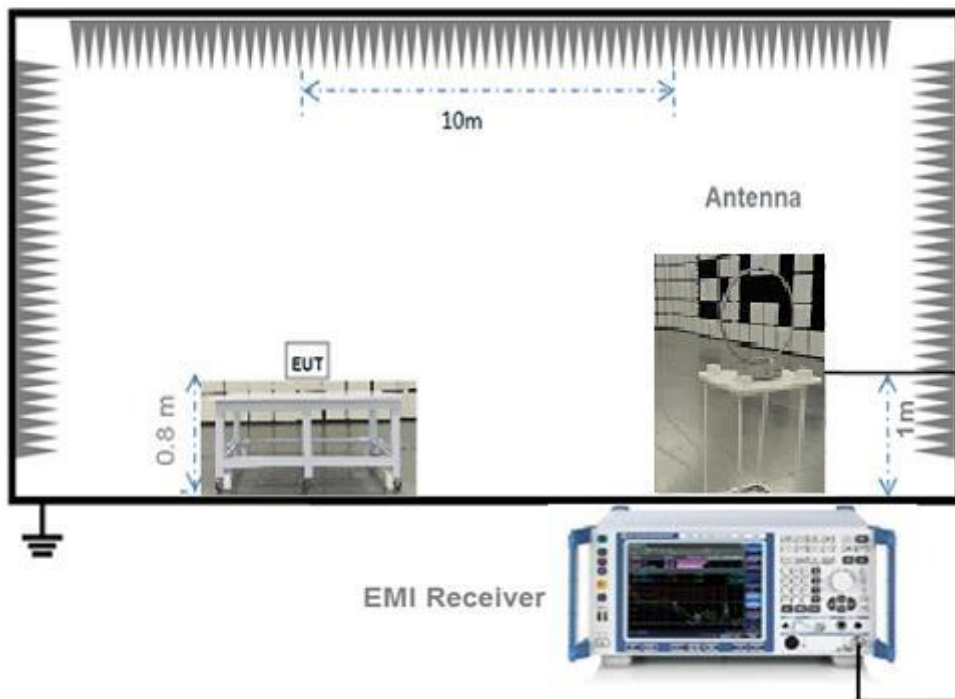
(Diagram 1)

4.5.2 For AC Power Supply Port Test



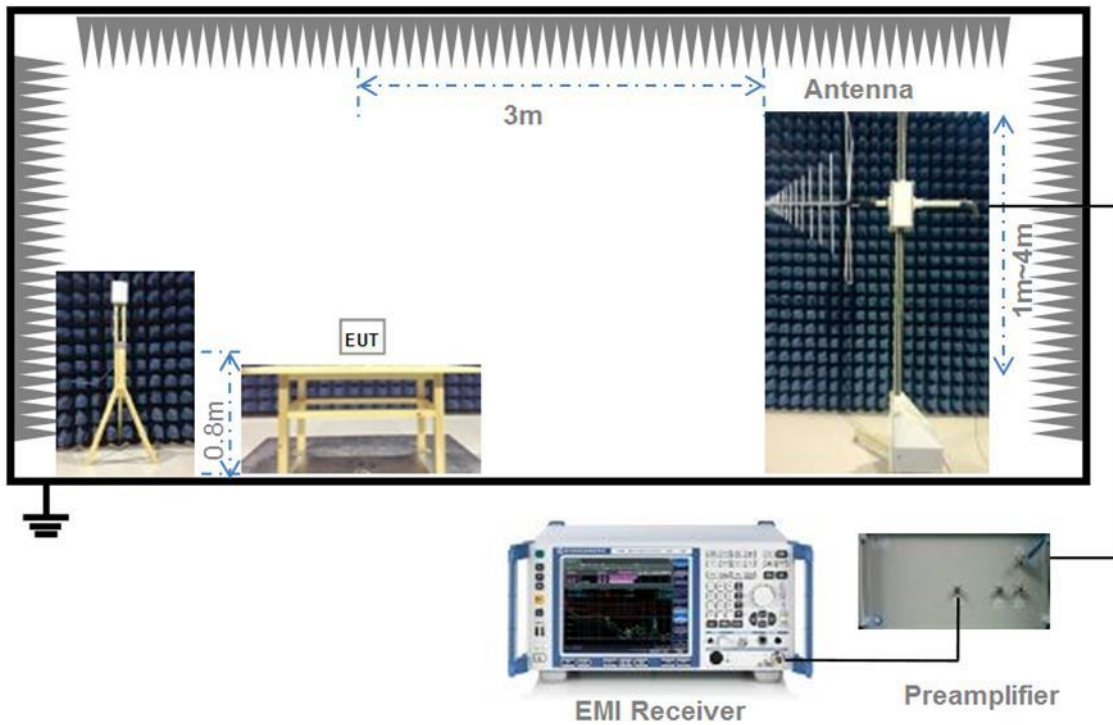
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



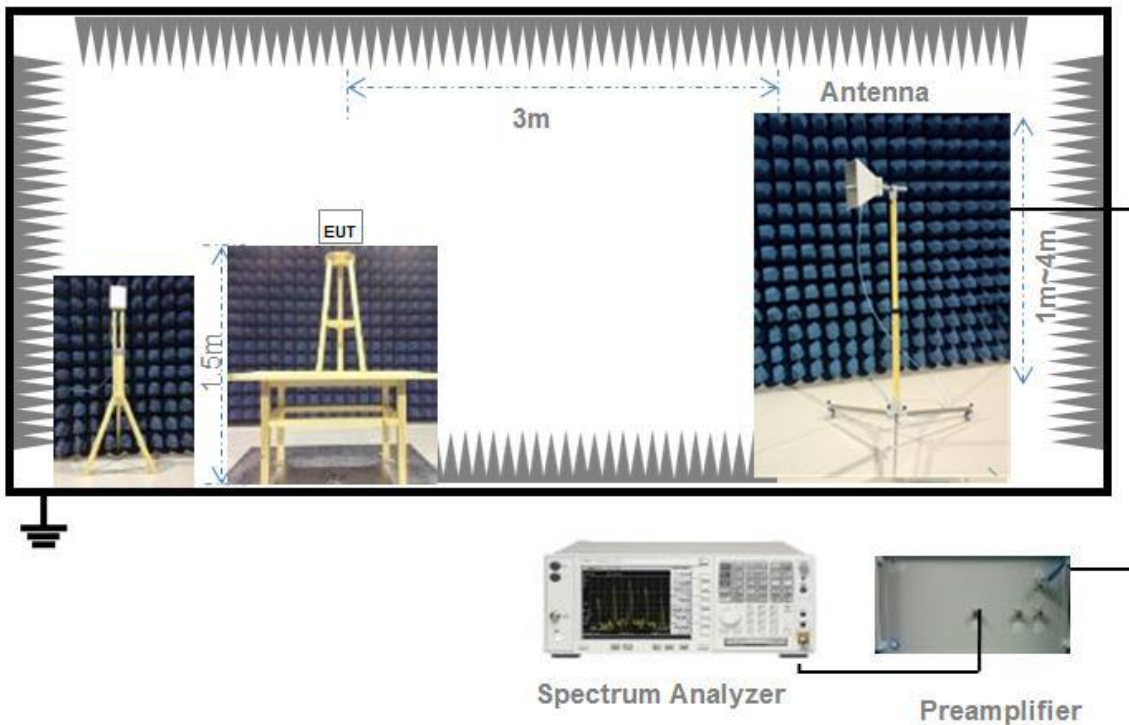
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

The maximum peak conducted output power may be measured using a broadband Average RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the emission bandwidth and utilize a fast-responding diode detector.

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*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 (µV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

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

Note²: The tighter limit applies at the band edge.

Un-restricted band emissions	
Out Operating Band (MHz)	Limit
5150 - 5250	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5250 - 5350	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5470 - 5725	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5725 - 5850	<p>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.</p>

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

emission limits using a peak detector.

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW \geq RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Note ²: All the configurations were tested, but only the worst data was shown in this report.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	2.20	2.24	98.52%
11n (HT20)/11ac (VHT20)	2.06	2.09	98.18%
11n (HT40)/11ac (VHT40)	1.01	1.05	96.28%
11ac (VHT80)	0.49	0.52	93.13%

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.75	37.58	250	Pass
11a	CH44	17.98	62.81	250	Pass
11a	CH48	17.90	61.66	250	Pass
11n (HT20)	CH36	15.72	37.33	250	Pass
11n (HT20)	CH44	16.61	45.81	250	Pass
11n (HT20)	CH48	16.38	43.45	250	Pass
11n (HT40)	CH38	12.93	19.63	250	Pass
11n (HT40)	CH46	15.91	38.99	250	Pass
11ac (VHT20)	CH36	16.11	40.83	250	Pass
11ac (VHT20)	CH44	17.79	60.12	250	Pass
11ac (VHT20)	CH48	17.71	59.02	250	Pass
11ac (VHT40)	CH38	12.88	19.41	250	Pass
11ac (VHT40)	CH46	16.73	47.10	250	Pass
11ac (VHT80)	CH42	11.03	12.68	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	18.10	64.57	250	Pass
11a	CH60	18.02	63.39	250	Pass
11a	CH64	16.26	42.27	250	Pass
11n (HT20)	CH52	16.91	49.09	250	Pass
11n (HT20)	CH60	16.82	48.08	250	Pass
11n (HT20)	CH64	15.57	36.06	250	Pass
11n (HT40)	CH54	16.13	41.02	250	Pass
11n (HT40)	CH62	12.29	16.94	250	Pass
11ac (VHT20)	CH52	17.73	59.29	250	Pass
11ac (VHT20)	CH60	17.66	58.34	250	Pass
11ac (VHT20)	CH64	16.21	41.78	250	Pass
11ac (VHT40)	CH54	17.17	52.12	250	Pass
11ac (VHT40)	CH62	12.40	17.38	250	Pass
11ac (VHT80)	CH58	8.75	7.50	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	17.11	51.40	250	Pass
11a	CH116	18.20	66.07	250	Pass
11a	CH140	16.92	49.20	250	Pass
11n (HT20)	CH100	17.07	50.93	250	Pass
11n (HT20)	CH116	17.15	51.88	250	Pass
11n (HT20)	CH140	16.27	42.36	250	Pass
11n (HT40)	CH102	14.18	26.18	250	Pass
11n (HT40)	CH118	16.51	44.77	250	Pass
11n (HT40)	CH134	15.65	36.73	250	Pass
11ac (VHT20)	CH100	17.01	50.23	250	Pass
11ac (VHT20)	CH116	17.91	61.80	250	Pass
11ac (VHT20)	CH140	16.23	41.98	250	Pass
11ac (VHT40)	CH102	14.14	25.94	250	Pass
11ac (VHT40)	CH118	17.22	52.72	250	Pass
11ac (VHT40)	CH134	15.75	37.58	250	Pass
11ac (VHT80)	CH106	10.57	11.40	250	Pass
11ac (VHT80)	CH122	15.93	39.17	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	18.23	66.53	1000	Pass
11a	CH157	18.30	67.61	1000	Pass
11a	CH165	18.21	66.22	1000	Pass
11n (HT20)	CH149	17.25	53.09	1000	Pass
11n (HT20)	CH157	17.31	53.83	1000	Pass
11n (HT20)	CH165	17.28	53.46	1000	Pass
11n (HT40)	CH151	16.66	46.34	1000	Pass
11n (HT40)	CH159	16.75	47.32	1000	Pass
11ac (VHT20)	CH149	17.99	62.95	1000	Pass
11ac (VHT20)	CH157	18.04	63.68	1000	Pass
11ac (VHT20)	CH165	18.15	65.31	1000	Pass
11ac (VHT40)	CH151	17.35	54.33	1000	Pass
11ac (VHT40)	CH159	17.43	55.34	1000	Pass
11ac (VHT80)	CH155	16.31	42.76	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ23A0041-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	21.41	16.41
11a	CH44	21.78	16.49
11a	CH48	21.62	16.47
11n (HT20)	CH36	21.75	17.59
11n (HT20)	CH44	22.39	17.60
11n (HT20)	CH48	21.99	17.59
11n (HT40)	CH38	40.56	36.02
11n (HT40)	CH46	40.48	36.00
11ac (VHT20)	CH36	21.92	17.60
11ac (VHT20)	CH44	22.23	17.64
11ac (VHT20)	CH48	22.28	17.63
11ac (VHT40)	CH38	40.48	35.99
11ac (VHT40)	CH46	40.49	36.02
11ac (VHT80)	CH42	81.30	75.41

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	21.79	16.48
11a	CH60	21.62	16.45
11a	CH64	21.68	16.44
11n (HT20)	CH52	21.92	17.60
11n (HT20)	CH60	21.94	17.62
11n (HT20)	CH64	21.83	17.60
11n (HT40)	CH54	40.66	36.01
11n (HT40)	CH62	40.81	36.02
11ac (VHT20)	CH52	22.58	17.64
11ac (VHT20)	CH60	21.74	17.61
11ac (VHT20)	CH64	21.95	17.60
11ac (VHT40)	CH54	41.11	36.07
11ac (VHT40)	CH62	40.62	36.02
11ac (VHT80)	CH58	81.40	75.56

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	21.39	16.42
11a	CH116	21.37	16.44
11a	CH140	20.85	16.39
11n (HT20)	CH100	21.71	17.61
11n (HT20)	CH116	21.54	17.57
11n (HT20)	CH140	21.33	17.57
11n (HT40)	CH102	40.58	35.98
11n (HT40)	CH118	41.37	36.06
11n (HT40)	CH134	41.02	36.04
11ac (VHT20)	CH100	21.61	17.60
11ac (VHT20)	CH116	21.94	17.64
11ac (VHT20)	CH140	21.55	17.57
11ac (VHT40)	CH102	40.73	35.98
11ac (VHT40)	CH118	40.90	36.07
11ac (VHT40)	CH134	40.90	36.01
11ac (VHT80)	CH106	81.49	75.38
11ac (VHT80)	CH122	82.75	75.62

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	21.14	16.41
11a	CH157	21.38	16.40
11a	CH165	21.33	16.41
11n (HT20)	CH149	21.48	17.57
11n (HT20)	CH157	21.15	17.57
11n (HT20)	CH165	21.64	17.59
11n (HT40)	CH151	41.16	36.04
11n (HT40)	CH159	40.85	36.06
11ac (VHT20)	CH149	21.52	17.61
11ac (VHT20)	CH157	21.64	17.58
11ac (VHT20)	CH165	21.63	17.59
11ac (VHT40)	CH151	41.25	36.08
11ac (VHT40)	CH159	41.27	36.06
11ac (VHT80)	CH155	103.00	75.87

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ23A0041-604 Data Part 2.pdf".

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.10	500.00	Pass
11a	CH157	15.15	500.00	Pass
11a	CH165	15.15	500.00	Pass
11n (HT20)	CH149	15.10	500.00	Pass
11n (HT20)	CH157	15.15	500.00	Pass
11n (HT20)	CH165	15.10	500.00	Pass
11n (HT40)	CH151	35.10	500.00	Pass
11n (HT40)	CH159	35.15	500.00	Pass
11ac (VHT20)	CH149	15.15	500.00	Pass
11ac (VHT20)	CH157	15.15	500.00	Pass
11ac (VHT20)	CH165	15.10	500.00	Pass
11ac (VHT40)	CH151	33.90	500.00	Pass
11ac (VHT40)	CH159	35.15	500.00	Pass
11ac (VHT80)	CH155	72.60	500.00	Pass

A.4 Power Spectral Density

Note ¹: Test plots please refer to the document "Annex No.: BL-SZ23A0041-604 Data Part 3.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	6.45	11.00	Pass
11a	CH44	8.88	11.00	Pass
11a	CH48	8.71	11.00	Pass
11n (HT20)	CH36	6.52	11.00	Pass
11n (HT20)	CH44	6.75	11.00	Pass
11n (HT20)	CH48	7.07	11.00	Pass
11n (HT40)	CH38	0.84	11.00	Pass
11n (HT40)	CH46	3.73	11.00	Pass
11ac (VHT20)	CH36	7.02	11.00	Pass
11ac (VHT20)	CH44	8.43	11.00	Pass
11ac (VHT20)	CH48	8.36	11.00	Pass
11ac (VHT40)	CH38	0.93	11.00	Pass
11ac (VHT40)	CH46	4.28	11.00	Pass
11ac (VHT80)	CH42	-4.60	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	8.84	11.00	Pass
11a	CH60	8.48	11.00	Pass
11a	CH64	8.05	11.00	Pass
11n (HT20)	CH52	7.16	11.00	Pass
11n (HT20)	CH60	7.68	11.00	Pass
11n (HT20)	CH64	7.19	11.00	Pass
11n (HT40)	CH54	4.14	11.00	Pass
11n (HT40)	CH62	0.42	11.00	Pass
11ac (VHT20)	CH52	8.47	11.00	Pass
11ac (VHT20)	CH60	8.09	11.00	Pass
11ac (VHT20)	CH64	7.19	11.00	Pass
11ac (VHT40)	CH54	5.05	11.00	Pass
11ac (VHT40)	CH62	-0.05	11.00	Pass
11ac (VHT80)	CH58	-5.64	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	8.34	11.00	Pass
11a	CH116	8.58	11.00	Pass
11a	CH140	6.80	11.00	Pass
11n (HT20)	CH100	7.87	11.00	Pass
11n (HT20)	CH116	7.48	11.00	Pass
11n (HT20)	CH140	6.35	11.00	Pass
11n (HT40)	CH102	2.49	11.00	Pass
11n (HT40)	CH118	4.37	11.00	Pass
11n (HT40)	CH134	3.41	11.00	Pass
11ac (VHT20)	CH100	7.51	11.00	Pass
11ac (VHT20)	CH116	8.55	11.00	Pass
11ac (VHT20)	CH140	5.83	11.00	Pass
11ac (VHT40)	CH102	2.49	11.00	Pass
11ac (VHT40)	CH118	4.79	11.00	Pass
11ac (VHT40)	CH134	3.11	11.00	Pass
11ac (VHT80)	CH106	-4.43	11.00	Pass
11ac (VHT80)	CH122	0.50	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	6.19	30.00	Pass
11a	CH157	5.74	30.00	Pass
11a	CH165	6.07	30.00	Pass
11n (HT20)	CH149	5.18	30.00	Pass
11n (HT20)	CH157	5.06	30.00	Pass
11n (HT20)	CH165	4.80	30.00	Pass
11n (HT40)	CH151	1.05	30.00	Pass
11n (HT40)	CH159	1.51	30.00	Pass
11ac (VHT20)	CH149	5.75	30.00	Pass
11ac (VHT20)	CH157	5.28	30.00	Pass
11ac (VHT20)	CH165	5.57	30.00	Pass
11ac (VHT40)	CH151	2.22	30.00	Pass
11ac (VHT40)	CH159	1.99	30.00	Pass
11ac (VHT80)	CH155	-1.45	30.00	Pass

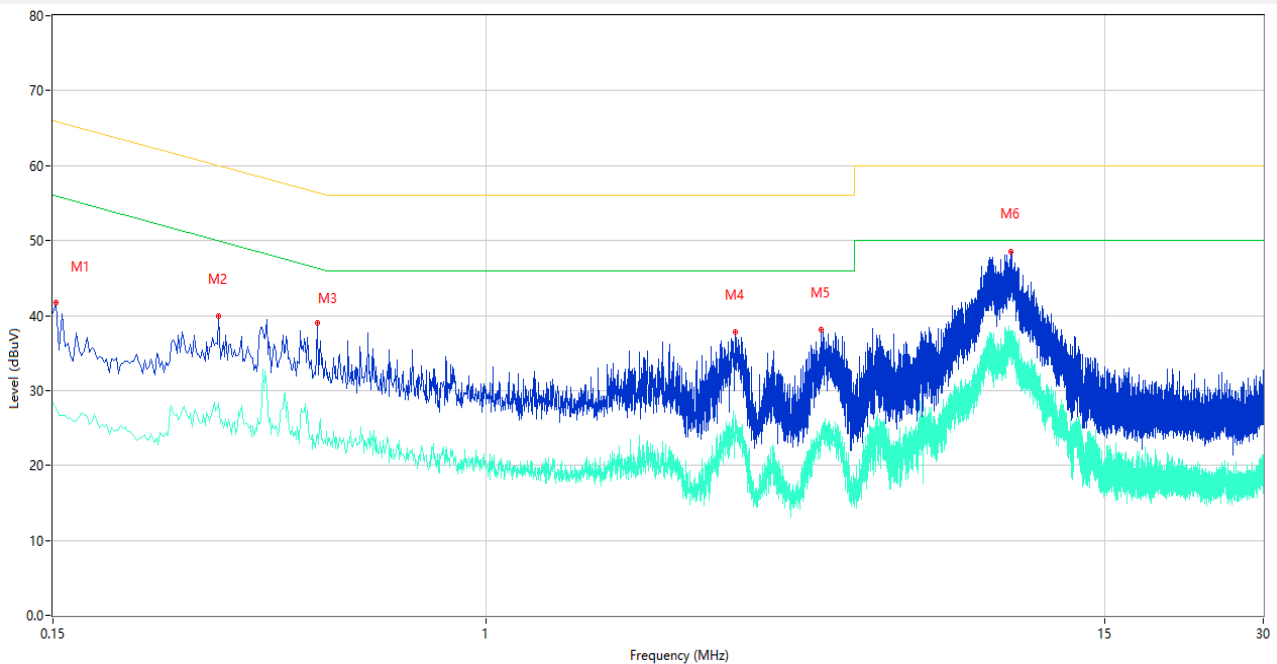
A.5 Conducted Emissions

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

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

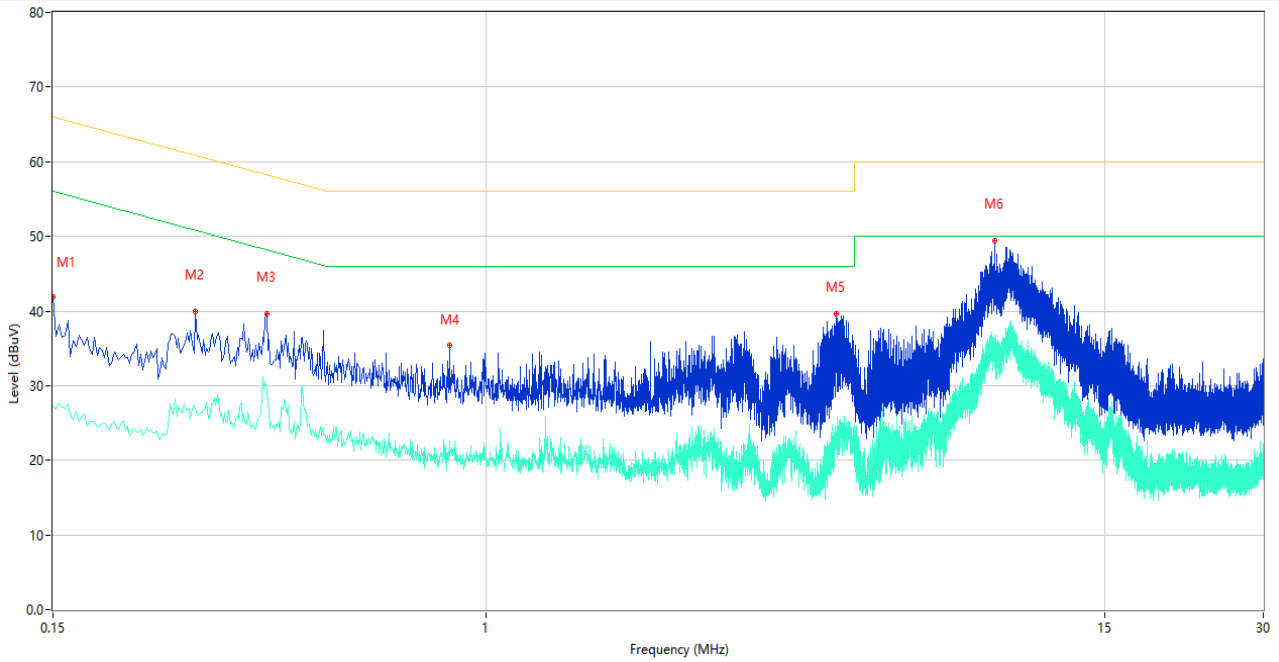
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	41.66	9.84	65.89	24.23	Peak	L	Pass
1**	0.152	27.67	9.84	55.89	28.22	AV	L	Pass
2	0.310	39.86	9.78	59.97	20.11	Peak	L	Pass
2**	0.310	28.39	9.78	49.97	21.58	AV	L	Pass
3	0.478	38.97	10.17	56.37	17.40	Peak	L	Pass
3**	0.478	24.28	10.17	46.37	22.09	AV	L	Pass
4	2.968	37.74	10.38	56.00	18.26	Peak	L	Pass
4**	2.968	26.59	10.38	46.00	19.41	AV	L	Pass
5	4.340	38.04	10.42	56.00	17.96	Peak	L	Pass
5**	4.340	24.10	10.42	46.00	21.90	AV	L	Pass
6	9.952	48.57	10.27	60.00	11.43	Peak	L	Pass
6**	9.952	36.56	10.27	50.00	13.44	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	41.91	9.84	66.00	24.09	Peak	N	Pass
1**	0.150	27.25	9.84	56.00	28.75	AV	N	Pass
2	0.280	39.92	9.80	60.82	20.90	Peak	N	Pass
2**	0.280	26.98	9.80	50.82	23.84	AV	N	Pass
3	0.382	39.64	10.14	58.24	18.60	Peak	N	Pass
3**	0.382	29.40	10.14	48.24	18.84	AV	N	Pass
4	0.850	35.38	10.36	56.00	20.62	Peak	N	Pass
4**	0.850	22.58	10.36	46.00	23.42	AV	N	Pass
5	4.628	39.56	9.96	56.00	16.44	Peak	N	Pass
5**	4.628	23.76	9.96	46.00	22.24	AV	N	Pass
6	9.270	49.38	10.35	60.00	10.62	Peak	N	Pass
6**	9.270	33.88	10.35	50.00	16.12	AV	N	Pass

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

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

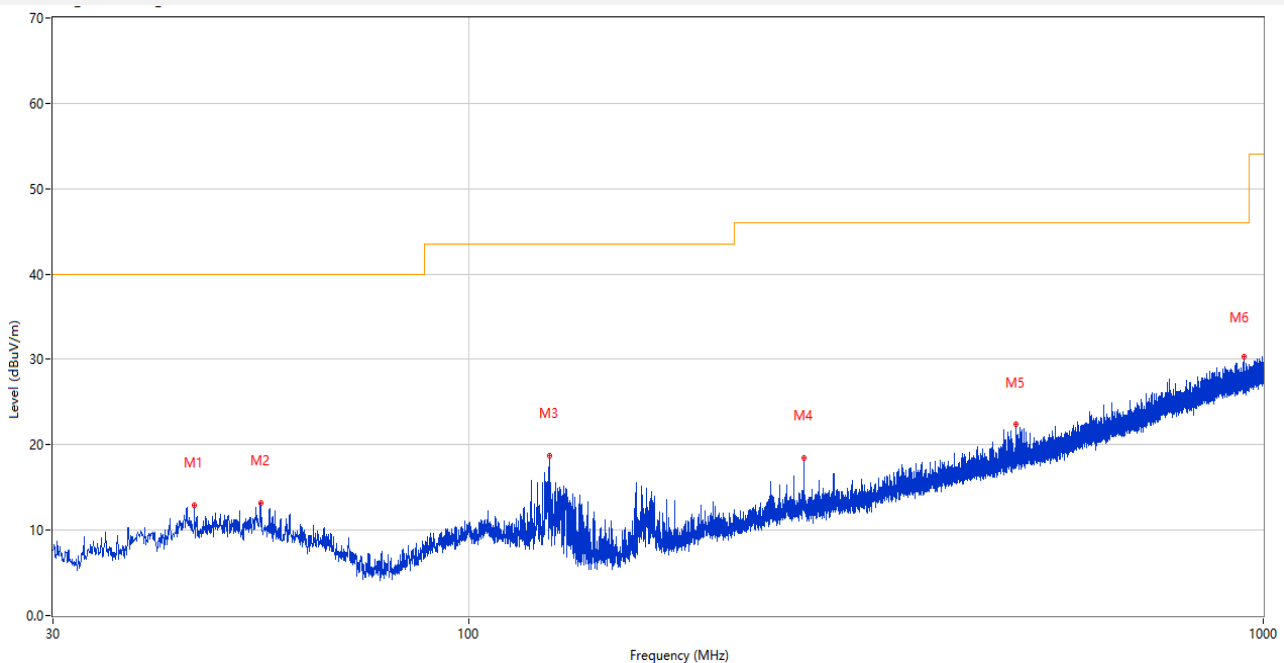
Note²: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

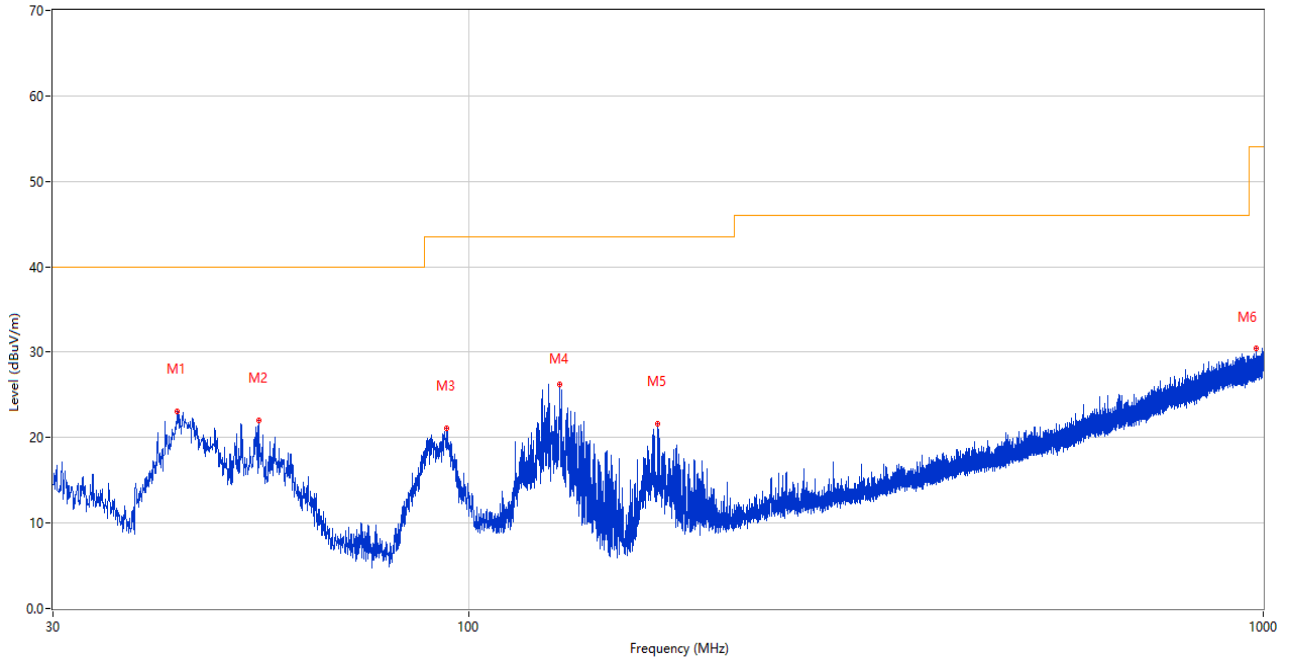
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	45.229	12.94	-25.52	40.0	27.06	Peak	35.00	100	Horizontal	Pass
2	54.735	13.17	-25.69	40.0	26.83	Peak	360.00	100	Horizontal	Pass
3	126.515	18.78	-29.46	43.5	24.72	Peak	158.00	200	Horizontal	Pass
4	264.013	18.52	-24.51	46.0	27.48	Peak	60.00	100	Horizontal	Pass
5	487.840	22.35	-18.99	46.0	23.65	Peak	111.00	200	Horizontal	Pass
6	947.086	30.34	-9.37	46.0	15.66	Peak	303.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	43.047	23.08	-25.80	40.0	16.92	Peak	124.00	100	Vertical	Pass
2	54.492	21.96	-25.59	40.0	18.04	Peak	316.00	100	Vertical	Pass
3	93.777	21.11	-27.72	43.5	22.39	Peak	54.00	100	Vertical	Pass
4	130.201	26.20	-29.75	43.5	17.30	Peak	245.00	100	Vertical	Pass
5	173.172	21.59	-28.99	43.5	21.91	Peak	19.00	100	Vertical	Pass
6	980.503	30.45	-8.65	54.0	23.55	Peak	210.00	200	Vertical	Pass

Note: The spurious above 18G 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	1449.000	38.53	-17.37	74.0	35.47	Peak	281.00	100	Horizontal	Pass
1**	1449.000	28.74	-17.37	54.0	25.26	AV	281.00	100	Horizontal	Pass
2	4326.200	50.08	-4.39	74.0	23.92	Peak	288.00	100	Horizontal	Pass
2**	4326.200	39.50	-4.39	54.0	14.50	AV	288.00	100	Horizontal	Pass
3	5179.000	110.60	-2.64	--	--	Peak	55.00	150	Horizontal	N/A
3**	5179.000	103.11	-2.64	--	--	AV	55.00	150	Horizontal	N/A
4	7339.537	49.10	-3.38	74.0	24.90	Peak	156.00	200	Horizontal	Pass
4**	7339.537	40.76	-3.38	54.0	13.24	AV	156.00	200	Horizontal	Pass
5	12295.175	53.26	1.57	74.0	20.74	Peak	0.00	200	Horizontal	Pass
5**	12295.175	43.76	1.57	54.0	10.24	AV	0.00	200	Horizontal	Pass
6	15857.738	55.67	1.05	74.0	18.33	Peak	140.00	300	Horizontal	Pass
6**	15857.738	46.34	1.05	54.0	7.66	AV	140.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.000	39.95	-17.53	74.0	34.05	Peak	269.00	400	Vertical	Pass
1**	1498.000	28.70	-17.53	54.0	25.30	AV	269.00	400	Vertical	Pass
2	4178.000	49.45	-5.25	74.0	24.55	Peak	164.00	100	Vertical	Pass
2**	4178.000	39.28	-5.25	54.0	14.72	AV	164.00	100	Vertical	Pass
3	5179.200	103.46	-2.63	--	--	Peak	120.00	100	Vertical	N/A
3**	5179.200	94.86	-2.63	--	--	AV	120.00	100	Vertical	N/A
4	7289.512	49.78	-3.08	74.0	24.22	Peak	118.00	300	Vertical	Pass
4**	7289.512	39.89	-3.08	54.0	14.11	AV	118.00	300	Vertical	Pass
5	12286.838	53.12	1.73	74.0	20.88	Peak	308.00	150	Vertical	Pass
5**	12286.838	44.96	1.73	54.0	9.04	AV	308.00	150	Vertical	Pass
6	16042.013	56.36	0.78	74.0	17.64	Peak	7.00	400	Vertical	Pass
6**	16042.013	45.93	0.78	54.0	8.07	AV	7.00	400	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	1550.200	38.42	-17.48	74.0	35.58	Peak	9.00	200	Horizontal	Pass
1**	1550.200	28.51	-17.48	54.0	25.49	AV	9.00	200	Horizontal	Pass
2	4122.000	49.33	-5.33	74.0	24.67	Peak	68.00	300	Horizontal	Pass
2**	4122.000	39.93	-5.33	54.0	14.07	AV	68.00	300	Horizontal	Pass
3	5220.600	113.19	-2.75	--	--	Peak	68.00	150	Horizontal	N/A
3**	5220.600	106.26	-2.75	--	--	AV	68.00	150	Horizontal	N/A
4	7689.138	49.21	-2.05	74.0	24.79	Peak	230.00	200	Horizontal	Pass
4**	7689.138	39.89	-2.05	54.0	14.11	AV	230.00	200	Horizontal	Pass
5	12248.313	53.21	0.97	74.0	20.79	Peak	230.00	100	Horizontal	Pass
5**	12248.313	43.54	0.97	54.0	10.46	AV	230.00	100	Horizontal	Pass
6	15838.576	55.77	1.45	74.0	18.23	Peak	36.00	300	Horizontal	Pass
6**	15838.576	46.09	1.45	54.0	7.91	AV	36.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.700	38.73	-17.63	74.0	35.27	Peak	96.00	300	Vertical	Pass
1**	1625.700	28.59	-17.63	54.0	25.41	AV	96.00	300	Vertical	Pass
2	4388.600	48.82	-4.71	74.0	25.18	Peak	302.00	200	Vertical	Pass
2**	4388.600	40.74	-4.71	54.0	13.26	AV	302.00	200	Vertical	Pass
3	5218.600	104.49	-2.65	--	--	Peak	85.00	150	Vertical	N/A
3**	5218.600	96.37	-2.65	--	--	AV	85.00	150	Vertical	N/A
4	7346.725	49.42	-3.32	74.0	24.58	Peak	337.00	100	Vertical	Pass
4**	7346.725	40.63	-3.32	54.0	13.37	AV	337.00	100	Vertical	Pass
5	12240.263	53.09	1.06	74.0	20.91	Peak	241.00	100	Vertical	Pass
5**	12240.263	43.74	1.06	54.0	10.26	AV	241.00	100	Vertical	Pass
6	15359.513	56.24	0.46	74.0	17.76	Peak	123.00	200	Vertical	Pass
6**	15359.513	46.23	0.46	54.0	7.77	AV	123.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.000	38.37	-17.44	74.0	35.63	Peak	283.00	300	Horizontal	Pass
1**	1527.000	29.44	-17.44	54.0	24.56	AV	283.00	300	Horizontal	Pass
2	4092.600	49.55	-5.51	74.0	24.45	Peak	9.00	400	Horizontal	Pass
2**	4092.600	39.03	-5.51	54.0	14.97	AV	9.00	400	Horizontal	Pass
3	5240.600	111.81	-2.23	--	--	Peak	54.00	150	Horizontal	N/A
3**	5240.600	104.99	-2.23	--	--	AV	54.00	150	Horizontal	N/A
4	7338.675	49.46	-3.36	74.0	24.54	Peak	350.00	200	Horizontal	Pass
4**	7338.675	40.30	-3.36	54.0	13.70	AV	350.00	200	Horizontal	Pass
5	12316.738	52.93	1.41	74.0	21.07	Peak	315.00	200	Horizontal	Pass
5**	12316.738	43.68	1.41	54.0	10.32	AV	315.00	200	Horizontal	Pass
6	15797.625	55.68	2.26	74.0	18.32	Peak	162.00	400	Horizontal	Pass
6**	15797.625	46.85	2.26	54.0	7.15	AV	162.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1470.600	38.68	-17.43	74.0	35.32	Peak	188.00	300	Vertical	Pass
1**	1470.600	28.58	-17.43	54.0	25.42	AV	188.00	300	Vertical	Pass
2	4392.200	49.55	-4.71	74.0	24.45	Peak	64.00	300	Vertical	Pass
2**	4392.200	41.02	-4.71	54.0	12.98	AV	64.00	300	Vertical	Pass
3	5241.200	105.01	-2.21	--	--	Peak	109.00	200	Vertical	N/A
3**	5241.200	97.37	-2.21	--	--	AV	109.00	200	Vertical	N/A
4	7681.950	49.47	-2.35	74.0	24.53	Peak	50.00	100	Vertical	Pass
4**	7681.950	39.94	-2.35	54.0	14.06	AV	50.00	100	Vertical	Pass
5	12609.125	53.85	1.90	74.0	20.15	Peak	299.00	150	Vertical	Pass
5**	12609.125	43.56	1.90	54.0	10.44	AV	299.00	150	Vertical	Pass
6	15509.925	56.31	1.44	74.0	17.69	Peak	40.00	400	Vertical	Pass
6**	15509.925	46.20	1.44	54.0	7.80	AV	40.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.200	38.92	-17.33	74.0	35.08	Peak	201.00	300	Horizontal	Pass
1**	1524.200	29.35	-17.33	54.0	24.65	AV	201.00	300	Horizontal	Pass
2	4365.400	49.03	-4.29	74.0	24.97	Peak	130.00	100	Horizontal	Pass
2**	4365.400	40.35	-4.29	54.0	13.65	AV	130.00	100	Horizontal	Pass
3	5179.200	109.71	-2.63	--	--	Peak	78.00	150	Horizontal	N/A
3**	5179.200	103.29	-2.63	--	--	AV	78.00	150	Horizontal	N/A
4	7609.500	49.94	-2.89	74.0	24.06	Peak	57.00	300	Horizontal	Pass
4**	7609.500	40.11	-2.89	54.0	13.89	AV	57.00	300	Horizontal	Pass
5	12286.262	53.28	1.75	74.0	20.72	Peak	138.00	150	Horizontal	Pass
5**	12286.262	44.28	1.75	54.0	9.72	AV	138.00	150	Horizontal	Pass
6	15824.663	55.75	1.66	74.0	18.25	Peak	239.00	100	Horizontal	Pass
6**	15824.663	46.01	1.66	54.0	7.99	AV	239.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.200	41.77	-17.59	74.0	32.23	Peak	103.00	200	Vertical	Pass
1**	1493.200	29.38	-17.59	54.0	24.62	AV	103.00	200	Vertical	Pass
2	4356.200	49.38	-3.96	74.0	24.62	Peak	210.00	100	Vertical	Pass
2**	4356.200	39.85	-3.96	54.0	14.15	AV	210.00	100	Vertical	Pass
3	5180.600	103.16	-2.57	--	--	Peak	133.00	200	Vertical	N/A
3**	5180.600	96.16	-2.57	--	--	AV	133.00	200	Vertical	N/A
4	7326.025	49.12	-3.70	74.0	24.88	Peak	136.00	150	Vertical	Pass
4**	7326.025	40.35	-3.70	54.0	13.65	AV	136.00	150	Vertical	Pass
5	12322.487	53.16	1.42	74.0	20.84	Peak	0.00	200	Vertical	Pass
5**	12322.487	44.34	1.42	54.0	9.66	AV	0.00	200	Vertical	Pass
6	16117.875	56.16	0.64	74.0	17.84	Peak	55.00	300	Vertical	Pass
6**	16117.875	46.13	0.64	54.0	7.87	AV	55.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.400	38.18	-17.70	74.0	35.82	Peak	0.00	100	Horizontal	Pass
1**	1611.400	29.27	-17.70	54.0	24.73	AV	0.00	100	Horizontal	Pass
2	4262.000	49.32	-5.04	74.0	24.68	Peak	320.00	100	Horizontal	Pass
2**	4262.000	39.50	-5.04	54.0	14.50	AV	320.00	100	Horizontal	Pass
3	5219.000	110.99	-2.66	--	--	Peak	99.00	200	Horizontal	N/A
3**	5219.000	103.73	-2.66	--	--	AV	99.00	200	Horizontal	N/A
4	7311.075	49.49	-2.72	74.0	24.51	Peak	62.00	100	Horizontal	Pass
4**	7311.075	41.24	-2.72	54.0	12.76	AV	62.00	100	Horizontal	Pass
5	12409.026	53.19	1.45	74.0	20.81	Peak	116.00	200	Horizontal	Pass
5**	12409.026	43.86	1.45	54.0	10.14	AV	116.00	200	Horizontal	Pass
6	16071.151	55.79	1.39	74.0	18.21	Peak	307.00	100	Horizontal	Pass
6**	16071.151	45.73	1.39	54.0	8.27	AV	307.00	100	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	1494.400	41.07	-17.61	74.0	32.93	Peak	98.00	100	Vertical	Pass
1**	1494.400	29.09	-17.61	54.0	24.91	AV	98.00	100	Vertical	Pass
2	4342.200	49.70	-4.39	74.0	24.30	Peak	7.00	300	Vertical	Pass
2**	4342.200	40.32	-4.39	54.0	13.68	AV	7.00	300	Vertical	Pass
3	5219.000	102.51	-2.66	--	--	Peak	115.00	100	Vertical	N/A
3**	5219.000	95.27	-2.66	--	--	AV	115.00	100	Vertical	N/A
4	7396.175	50.06	-3.83	74.0	23.94	Peak	103.00	400	Vertical	Pass
4**	7396.175	39.45	-3.83	54.0	14.55	AV	103.00	400	Vertical	Pass
5	12080.987	53.80	0.58	74.0	20.20	Peak	204.00	150	Vertical	Pass
5**	12080.987	43.64	0.58	54.0	10.36	AV	204.00	150	Vertical	Pass
6	16164.600	55.66	1.02	74.0	18.34	Peak	291.00	100	Vertical	Pass
6**	16164.600	46.51	1.02	54.0	7.49	AV	291.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.500	38.75	-17.46	74.0	35.25	Peak	247.00	400	Horizontal	Pass
1**	1495.500	29.01	-17.46	54.0	24.99	AV	247.00	400	Horizontal	Pass
2	4365.600	50.26	-4.27	74.0	23.74	Peak	360.00	200	Horizontal	Pass
2**	4365.600	40.29	-4.27	54.0	13.71	AV	360.00	200	Horizontal	Pass
3	5240.800	111.59	-2.22	--	--	Peak	72.00	200	Horizontal	N/A
3**	5240.800	103.67	-2.22	--	--	AV	72.00	200	Horizontal	N/A
4	7341.550	49.38	-3.43	74.0	24.62	Peak	93.00	400	Horizontal	Pass
4**	7341.550	40.47	-3.43	54.0	13.53	AV	93.00	400	Horizontal	Pass
5	12279.363	54.21	1.78	74.0	19.79	Peak	288.00	200	Horizontal	Pass
5**	12279.363	44.37	1.78	54.0	9.63	AV	288.00	200	Horizontal	Pass
6	15839.625	56.90	1.45	74.0	17.10	Peak	311.00	200	Horizontal	Pass
6**	15839.625	47.65	1.45	54.0	6.35	AV	311.00	200	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	1574.700	40.87	-17.59	74.0	33.13	Peak	101.00	100	Vertical	Pass
1**	1574.700	28.70	-17.59	54.0	25.30	AV	101.00	100	Vertical	Pass
2	4357.400	49.27	-4.09	74.0	24.73	Peak	258.00	400	Vertical	Pass
2**	4357.400	40.75	-4.09	54.0	13.25	AV	258.00	400	Vertical	Pass
3	5241.000	103.40	-2.22	--	--	Peak	115.00	200	Vertical	N/A
3**	5241.000	96.78	-2.22	--	--	AV	115.00	200	Vertical	N/A
4	7336.663	49.57	-3.28	74.0	24.43	Peak	56.00	100	Vertical	Pass
4**	7336.663	41.02	-3.28	54.0	12.98	AV	56.00	100	Vertical	Pass
5	11927.175	52.98	1.54	74.0	21.02	Peak	276.00	100	Vertical	Pass
5**	11927.175	43.14	1.54	54.0	10.86	AV	276.00	100	Vertical	Pass
6	15491.550	56.24	0.97	74.0	17.76	Peak	140.00	200	Vertical	Pass
6**	15491.550	46.03	0.97	54.0	7.97	AV	140.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1547.500	38.65	-17.43	74.0	35.35	Peak	205.00	400	Horizontal	Pass
1**	1547.500	29.18	-17.43	54.0	24.82	AV	205.00	400	Horizontal	Pass
2	4373.800	49.71	-4.70	74.0	24.29	Peak	261.00	300	Horizontal	Pass
2**	4373.800	40.56	-4.70	54.0	13.44	AV	261.00	300	Horizontal	Pass
3	5186.600	104.13	-2.61	--	--	Peak	67.00	150	Horizontal	N/A
3**	5186.600	95.66	-2.61	--	--	AV	67.00	150	Horizontal	N/A
4	7510.025	49.46	-3.34	74.0	24.54	Peak	190.00	200	Horizontal	Pass
4**	7510.025	39.73	-3.34	54.0	14.27	AV	190.00	200	Horizontal	Pass
5	12240.550	53.66	1.06	74.0	20.34	Peak	206.00	150	Horizontal	Pass
5**	12240.550	43.40	1.06	54.0	10.60	AV	206.00	150	Horizontal	Pass
6	16090.050	55.87	1.43	74.0	18.13	Peak	57.00	300	Horizontal	Pass
6**	16090.050	46.38	1.43	54.0	7.62	AV	57.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1607.100	39.27	-17.87	74.0	34.73	Peak	106.00	400	Vertical	Pass
1**	1607.100	29.17	-17.87	54.0	24.83	AV	106.00	400	Vertical	Pass
2	4351.000	49.43	-3.66	74.0	24.57	Peak	120.00	100	Vertical	Pass
2**	4351.000	40.37	-3.66	54.0	13.63	AV	120.00	100	Vertical	Pass
3	5188.600	96.24	-2.67	--	--	Peak	120.00	100	Vertical	N/A
3**	5188.600	88.94	-2.67	--	--	AV	120.00	100	Vertical	N/A
4	7345.288	49.90	-3.34	74.0	24.10	Peak	188.00	200	Vertical	Pass
4**	7345.288	40.55	-3.34	54.0	13.45	AV	188.00	200	Vertical	Pass
5	12282.237	52.99	1.79	74.0	21.01	Peak	317.00	150	Vertical	Pass
5**	12282.237	44.36	1.79	54.0	9.64	AV	317.00	150	Vertical	Pass
6	15634.088	55.70	1.58	74.0	18.30	Peak	271.00	400	Vertical	Pass
6**	15634.088	46.27	1.58	54.0	7.73	AV	271.00	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	1578.500	39.58	-17.46	74.0	34.42	Peak	327.00	400	Horizontal	Pass
1**	1578.500	29.63	-17.46	54.0	24.37	AV	327.00	400	Horizontal	Pass
2	4355.000	50.05	-3.87	74.0	23.95	Peak	344.00	400	Horizontal	Pass
2**	4355.000	40.53	-3.87	54.0	13.47	AV	344.00	400	Horizontal	Pass
3	5226.600	108.09	-2.54	--	--	Peak	97.00	100	Horizontal	N/A
3**	5226.600	100.41	-2.54	--	--	AV	97.00	100	Horizontal	N/A
4	7507.725	49.29	-3.38	74.0	24.71	Peak	100.00	300	Horizontal	Pass
4**	7507.725	39.56	-3.38	54.0	14.44	AV	100.00	300	Horizontal	Pass
5	12233.075	53.12	1.21	74.0	20.88	Peak	100.00	150	Horizontal	Pass
5**	12233.075	43.78	1.21	54.0	10.22	AV	100.00	150	Horizontal	Pass
6	16083.750	55.60	1.56	74.0	18.40	Peak	126.00	200	Horizontal	Pass
6**	16083.750	46.30	1.56	54.0	7.70	AV	126.00	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	1587.900	38.94	-17.71	74.0	35.06	Peak	94.00	100	Vertical	Pass
1**	1587.900	30.29	-17.71	54.0	23.71	AV	94.00	100	Vertical	Pass
2	4380.600	50.91	-4.54	74.0	23.09	Peak	350.00	300	Vertical	Pass
2**	4380.600	40.55	-4.54	54.0	13.45	AV	350.00	300	Vertical	Pass
3	5232.000	99.54	-2.29	--	--	Peak	120.00	200	Vertical	N/A
3**	5232.000	91.61	-2.29	--	--	AV	120.00	200	Vertical	N/A
4	7344.138	49.81	-3.28	74.0	24.19	Peak	104.00	200	Vertical	Pass
4**	7344.138	41.00	-3.28	54.0	13.00	AV	104.00	200	Vertical	Pass
5	12409.888	53.43	1.44	74.0	20.57	Peak	14.00	200	Vertical	Pass
5**	12409.888	44.69	1.44	54.0	9.31	AV	14.00	200	Vertical	Pass
6	15801.037	56.17	2.32	74.0	17.83	Peak	270.00	300	Vertical	Pass
6**	15801.037	47.40	2.32	54.0	6.60	AV	270.00	300	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	1574.400	38.50	-17.59	74.0	35.50	Peak	9.00	300	Horizontal	Pass
1**	1574.400	29.08	-17.59	54.0	24.92	AV	9.00	300	Horizontal	Pass
2	4352.800	49.49	-3.66	74.0	24.51	Peak	190.00	400	Horizontal	Pass
2**	4352.800	40.23	-3.66	54.0	13.77	AV	190.00	400	Horizontal	Pass
3	5179.000	110.30	-2.64	--	--	Peak	61.00	200	Horizontal	N/A
3**	5179.000	102.68	-2.64	--	--	AV	61.00	200	Horizontal	N/A
4	7328.325	49.86	-3.78	74.0	24.14	Peak	348.00	300	Horizontal	Pass
4**	7328.325	41.99	-3.78	54.0	12.01	AV	348.00	300	Horizontal	Pass
5	12523.162	52.85	1.41	74.0	21.15	Peak	239.00	100	Horizontal	Pass
5**	12523.162	43.47	1.41	54.0	10.53	AV	239.00	100	Horizontal	Pass
6	15506.513	55.71	1.33	74.0	18.29	Peak	341.00	400	Horizontal	Pass
6**	15506.513	46.97	1.33	54.0	7.03	AV	341.00	400	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	1524.200	39.57	-17.33	74.0	34.43	Peak	37.00	400	Vertical	Pass
1**	1524.200	29.58	-17.33	54.0	24.42	AV	37.00	400	Vertical	Pass
2	4396.200	49.42	-4.80	74.0	24.58	Peak	360.00	100	Vertical	Pass
2**	4396.200	40.04	-4.80	54.0	13.96	AV	360.00	100	Vertical	Pass
3	5179.000	102.68	-2.64	--	--	Peak	137.00	200	Vertical	N/A
3**	5179.000	95.07	-2.64	--	--	AV	137.00	200	Vertical	N/A
4	7346.725	49.78	-3.32	74.0	24.22	Peak	201.00	400	Vertical	Pass
4**	7346.725	40.46	-3.32	54.0	13.54	AV	201.00	400	Vertical	Pass
5	12605.100	52.84	1.92	74.0	21.16	Peak	9.00	150	Vertical	Pass
5**	12605.100	43.61	1.92	54.0	10.39	AV	9.00	150	Vertical	Pass
6	15804.450	55.95	2.28	74.0	18.05	Peak	360.00	400	Vertical	Pass
6**	15804.450	46.20	2.28	54.0	7.80	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.600	38.43	-17.70	74.0	35.57	Peak	237.00	300	Horizontal	Pass
1**	1611.600	29.52	-17.70	54.0	24.48	AV	237.00	300	Horizontal	Pass
2	4367.600	49.31	-4.31	74.0	24.69	Peak	122.00	200	Horizontal	Pass
2**	4367.600	40.38	-4.31	54.0	13.62	AV	122.00	200	Horizontal	Pass
3	5218.200	112.54	-2.64	--	--	Peak	91.00	200	Horizontal	N/A
3**	5218.200	103.87	-2.64	--	--	AV	91.00	200	Horizontal	N/A
4	7344.425	50.26	-3.29	74.0	23.74	Peak	0.00	100	Horizontal	Pass
4**	7344.425	42.05	-3.29	54.0	11.95	AV	0.00	100	Horizontal	Pass
5	12343.474	53.27	1.28	74.0	20.73	Peak	60.00	150	Horizontal	Pass
5**	12343.474	42.98	1.28	54.0	11.02	AV	60.00	150	Horizontal	Pass
6	15849.600	55.68	1.33	74.0	18.32	Peak	360.00	100	Horizontal	Pass
6**	15849.600	47.00	1.33	54.0	7.00	AV	360.00	100	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	1582.300	39.00	-17.37	74.0	35.00	Peak	100.00	300	Vertical	Pass
1**	1582.300	29.14	-17.37	54.0	24.86	AV	100.00	300	Vertical	Pass
2	4371.800	49.47	-4.28	74.0	24.53	Peak	29.00	400	Vertical	Pass
2**	4371.800	40.74	-4.28	54.0	13.26	AV	29.00	400	Vertical	Pass
3	5219.000	104.49	-2.66	--	--	Peak	135.00	200	Vertical	N/A
3**	5219.000	97.54	-2.66	--	--	AV	135.00	200	Vertical	N/A
4	7677.350	50.15	-2.44	74.0	23.85	Peak	128.00	300	Vertical	Pass
4**	7677.350	40.00	-2.44	54.0	14.00	AV	128.00	300	Vertical	Pass
5	11787.737	52.73	1.03	74.0	21.27	Peak	78.00	150	Vertical	Pass
5**	11787.737	43.18	1.03	54.0	10.82	AV	78.00	150	Vertical	Pass
6	15841.463	55.51	1.42	74.0	18.49	Peak	250.00	100	Vertical	Pass
6**	15841.463	46.96	1.42	54.0	7.04	AV	250.00	100	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	1586.900	38.58	-17.66	74.0	35.42	Peak	29.00	300	Horizontal	Pass
1**	1586.900	28.56	-17.66	54.0	25.44	AV	29.00	300	Horizontal	Pass
2	4370.200	49.68	-4.39	74.0	24.32	Peak	220.00	200	Horizontal	Pass
2**	4370.200	40.70	-4.39	54.0	13.30	AV	220.00	200	Horizontal	Pass
3	5238.800	111.77	-2.26	--	--	Peak	63.00	100	Horizontal	N/A
3**	5238.800	103.37	-2.26	--	--	AV	63.00	100	Horizontal	N/A
4	7402.788	49.83	-3.91	74.0	24.17	Peak	136.00	100	Horizontal	Pass
4**	7402.788	40.08	-3.91	54.0	13.92	AV	136.00	100	Horizontal	Pass
5	12347.500	53.08	1.25	74.0	20.92	Peak	102.00	100	Horizontal	Pass
5**	12347.500	43.59	1.25	54.0	10.41	AV	102.00	100	Horizontal	Pass
6	16117.875	55.52	0.64	74.0	18.48	Peak	79.00	300	Horizontal	Pass
6**	16117.875	45.68	0.64	54.0	8.32	AV	79.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1473.200	38.92	-17.69	74.0	35.08	Peak	317.00	300	Vertical	Pass
1**	1473.200	28.49	-17.69	54.0	25.51	AV	317.00	300	Vertical	Pass
2	4372.000	49.69	-4.33	74.0	24.31	Peak	218.00	400	Vertical	Pass
2**	4372.000	40.77	-4.33	54.0	13.23	AV	218.00	400	Vertical	Pass
3	5241.000	103.40	-2.22	--	--	Peak	120.00	200	Vertical	N/A
3**	5241.000	96.95	-2.22	--	--	AV	120.00	200	Vertical	N/A
4	7337.812	49.84	-3.33	74.0	24.16	Peak	208.00	300	Vertical	Pass
4**	7337.812	40.91	-3.33	54.0	13.09	AV	208.00	300	Vertical	Pass
5	12229.049	53.77	1.30	74.0	20.23	Peak	173.00	100	Vertical	Pass
5**	12229.049	43.09	1.30	54.0	10.91	AV	173.00	100	Vertical	Pass
6	15630.151	55.87	1.70	74.0	18.13	Peak	131.00	300	Vertical	Pass
6**	15630.151	47.16	1.70	54.0	6.84	AV	131.00	300	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	1573.300	38.55	-17.59	74.0	35.45	Peak	265.00	100	Horizontal	Pass
1**	1573.300	28.86	-17.59	54.0	25.14	AV	265.00	100	Horizontal	Pass
2	4233.800	50.23	-4.74	74.0	23.77	Peak	353.00	100	Horizontal	Pass
2**	4233.800	39.76	-4.74	54.0	14.24	AV	353.00	100	Horizontal	Pass
3	5188.400	103.64	-2.66	--	--	Peak	73.00	150	Horizontal	N/A
3**	5188.400	96.58	-2.66	--	--	AV	73.00	150	Horizontal	N/A
4	7663.550	49.58	-2.30	74.0	24.42	Peak	209.00	200	Horizontal	Pass
4**	7663.550	39.74	-2.30	54.0	14.26	AV	209.00	200	Horizontal	Pass
5	12282.812	53.28	1.79	74.0	20.72	Peak	360.00	150	Horizontal	Pass
5**	12282.812	44.84	1.79	54.0	9.16	AV	360.00	150	Horizontal	Pass
6	15806.812	55.64	2.23	74.0	18.36	Peak	159.00	400	Horizontal	Pass
6**	15806.812	47.08	2.23	54.0	6.92	AV	159.00	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	1497.500	39.28	-17.48	74.0	34.72	Peak	262.00	300	Vertical	Pass
1**	1497.500	29.87	-17.48	54.0	24.13	AV	262.00	300	Vertical	Pass
2	4393.600	49.03	-4.70	74.0	24.97	Peak	44.00	200	Vertical	Pass
2**	4393.600	39.98	-4.70	54.0	14.02	AV	44.00	200	Vertical	Pass
3	5188.200	96.25	-2.65	--	--	Peak	131.00	100	Vertical	N/A
3**	5188.200	88.97	-2.65	--	--	AV	131.00	100	Vertical	N/A
4	7351.037	49.59	-3.43	74.0	24.41	Peak	179.00	200	Vertical	Pass
4**	7351.037	40.66	-3.43	54.0	13.34	AV	179.00	200	Vertical	Pass
5	11622.713	53.00	-0.09	74.0	21.00	Peak	309.00	200	Vertical	Pass
5**	11622.713	42.34	-0.09	54.0	11.66	AV	309.00	200	Vertical	Pass
6	16121.026	55.23	0.65	74.0	18.77	Peak	128.00	400	Vertical	Pass
6**	16121.026	45.68	0.65	54.0	8.32	AV	128.00	400	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	1488.700	37.97	-17.68	74.0	36.03	Peak	125.00	300	Horizontal	Pass
1**	1488.700	29.05	-17.68	54.0	24.95	AV	125.00	300	Horizontal	Pass
2	4356.200	49.63	-3.96	74.0	24.37	Peak	282.00	400	Horizontal	Pass
2**	4356.200	41.20	-3.96	54.0	12.80	AV	282.00	400	Horizontal	Pass
3	5227.000	108.15	-2.51	--	--	Peak	89.00	150	Horizontal	N/A
3**	5227.000	101.64	-2.51	--	--	AV	89.00	150	Horizontal	N/A
4	7336.375	50.47	-3.26	74.0	23.53	Peak	110.00	200	Horizontal	Pass
4**	7336.375	41.52	-3.26	54.0	12.48	AV	110.00	200	Horizontal	Pass
5	12693.650	52.66	0.83	74.0	21.34	Peak	110.00	150	Horizontal	Pass
5**	12693.650	43.58	0.83	54.0	10.42	AV	110.00	150	Horizontal	Pass
6	15820.724	55.41	1.84	74.0	18.59	Peak	167.00	150	Horizontal	Pass
6**	15820.724	46.03	1.84	54.0	7.97	AV	167.00	150	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	1448.800	38.82	-17.36	74.0	35.18	Peak	245.00	100	Vertical	Pass
1**	1448.800	29.07	-17.36	54.0	24.93	AV	245.00	100	Vertical	Pass
2	4379.400	49.85	-4.51	74.0	24.15	Peak	110.00	300	Vertical	Pass
2**	4379.400	40.08	-4.51	54.0	13.92	AV	110.00	300	Vertical	Pass
3	5232.800	99.91	-2.30	--	--	Peak	120.00	100	Vertical	N/A
3**	5232.800	92.22	-2.30	--	--	AV	120.00	100	Vertical	N/A
4	7336.375	49.92	-3.26	74.0	24.08	Peak	114.00	100	Vertical	Pass
4**	7336.375	41.09	-3.26	54.0	12.91	AV	114.00	100	Vertical	Pass
5	11957.650	52.82	1.04	74.0	21.18	Peak	257.00	200	Vertical	Pass
5**	11957.650	43.31	1.04	54.0	10.69	AV	257.00	200	Vertical	Pass
6	15654.300	55.94	1.19	74.0	18.06	Peak	103.00	400	Vertical	Pass
6**	15654.300	46.59	1.19	54.0	7.41	AV	103.00	400	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	1543.500	38.54	-17.31	74.0	35.46	Peak	135.00	200	Horizontal	Pass
1**	1543.500	28.81	-17.31	54.0	25.19	AV	135.00	200	Horizontal	Pass
2	4207.800	49.96	-4.93	74.0	24.04	Peak	282.00	300	Horizontal	Pass
2**	4207.800	40.58	-4.93	54.0	13.42	AV	282.00	300	Horizontal	Pass
3	5215.600	100.85	-2.52	--	--	Peak	76.00	100	Horizontal	N/A
3**	5215.600	93.53	-2.52	--	--	AV	76.00	100	Horizontal	N/A
4	7675.913	49.96	-2.36	74.0	24.04	Peak	28.00	200	Horizontal	Pass
4**	7675.913	40.67	-2.36	54.0	13.33	AV	28.00	200	Horizontal	Pass
5	12620.912	53.46	1.76	74.0	20.54	Peak	153.00	100	Horizontal	Pass
5**	12620.912	43.28	1.76	54.0	10.72	AV	153.00	100	Horizontal	Pass
6	16040.175	55.49	0.80	74.0	18.51	Peak	0.00	100	Horizontal	Pass
6**	16040.175	45.82	0.80	54.0	8.18	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1618.200	41.15	-17.69	74.0	32.85	Peak	219.00	200	Vertical	Pass
1**	1618.200	29.77	-17.69	54.0	24.23	AV	219.00	200	Vertical	Pass
2	4370.800	49.86	-4.25	74.0	24.14	Peak	305.00	200	Vertical	Pass
2**	4370.800	41.13	-4.25	54.0	12.87	AV	305.00	200	Vertical	Pass
3	5215.400	91.74	-2.51	--	--	Peak	305.00	100	Vertical	N/A
3**	5215.400	85.15	-2.51	--	--	AV	305.00	100	Vertical	N/A
4	7501.687	49.41	-3.42	74.0	24.59	Peak	252.00	200	Vertical	Pass
4**	7501.687	40.18	-3.42	54.0	13.82	AV	252.00	200	Vertical	Pass
5	12248.600	53.50	0.97	74.0	20.50	Peak	345.00	150	Vertical	Pass
5**	12248.600	43.10	0.97	54.0	10.90	AV	345.00	150	Vertical	Pass
6	16033.350	55.95	0.74	74.0	18.05	Peak	191.00	200	Vertical	Pass
6**	16033.350	46.10	0.74	54.0	7.90	AV	191.00	200	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	1470.600	39.20	-17.43	74.0	34.80	Peak	158.00	400	Horizontal	Pass
1**	1470.600	28.72	-17.43	54.0	25.28	AV	158.00	400	Horizontal	Pass
2	4267.800	49.26	-4.72	74.0	24.74	Peak	79.00	400	Horizontal	Pass
2**	4267.800	39.70	-4.72	54.0	14.30	AV	79.00	400	Horizontal	Pass
3	5259.000	112.28	-2.39	--	--	Peak	90.00	100	Horizontal	N/A
3**	5259.000	104.28	-2.39	--	--	AV	90.00	100	Horizontal	N/A
4	7346.150	50.21	-3.39	74.0	23.79	Peak	1.00	300	Horizontal	Pass
4**	7346.150	41.43	-3.39	54.0	12.57	AV	1.00	300	Horizontal	Pass
5	12410.463	52.86	1.44	74.0	21.14	Peak	19.00	150	Horizontal	Pass
5**	12410.463	43.98	1.44	54.0	10.02	AV	19.00	150	Horizontal	Pass
6	16079.813	56.43	1.64	74.0	17.57	Peak	360.00	100	Horizontal	Pass
6**	16079.813	46.28	1.64	54.0	7.72	AV	360.00	100	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	1584.700	38.66	-17.51	74.0	35.34	Peak	119.00	200	Vertical	Pass
1**	1584.700	29.92	-17.51	54.0	24.08	AV	119.00	200	Vertical	Pass
2	4354.400	49.47	-3.83	74.0	24.53	Peak	57.00	100	Vertical	Pass
2**	4354.400	41.47	-3.83	54.0	12.53	AV	57.00	100	Vertical	Pass
3	5261.200	104.32	-2.64	--	--	Peak	126.00	200	Vertical	N/A
3**	5261.200	97.32	-2.64	--	--	AV	126.00	200	Vertical	N/A
4	7349.313	50.11	-3.24	74.0	23.89	Peak	57.00	100	Vertical	Pass
4**	7349.313	41.58	-3.24	54.0	12.42	AV	57.00	100	Vertical	Pass
5	12693.937	52.91	0.83	74.0	21.09	Peak	1.00	100	Vertical	Pass
5**	12693.937	44.11	0.83	54.0	9.89	AV	1.00	100	Vertical	Pass
6	15814.162	55.58	2.08	74.0	18.42	Peak	318.00	100	Vertical	Pass
6**	15814.162	46.74	2.08	54.0	7.26	AV	318.00	100	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	1539.700	38.29	-17.37	74.0	35.71	Peak	87.00	300	Horizontal	Pass
1**	1539.700	29.15	-17.37	54.0	24.85	AV	87.00	300	Horizontal	Pass
2	4381.600	50.22	-4.60	74.0	23.78	Peak	324.00	200	Horizontal	Pass
2**	4381.600	40.06	-4.60	54.0	13.94	AV	324.00	200	Horizontal	Pass
3	5301.400	110.72	-3.06	--	--	Peak	70.00	200	Horizontal	N/A
3**	5301.400	103.98	-3.06	--	--	AV	70.00	200	Horizontal	N/A
4	7299.575	49.82	-2.77	74.0	24.18	Peak	360.00	300	Horizontal	Pass
4**	7299.575	40.20	-2.77	54.0	13.80	AV	360.00	300	Horizontal	Pass
5	12276.487	53.49	1.67	74.0	20.51	Peak	64.00	100	Horizontal	Pass
5**	12276.487	43.96	1.67	54.0	10.04	AV	64.00	100	Horizontal	Pass
6	16100.813	55.89	1.16	74.0	18.11	Peak	360.00	400	Horizontal	Pass
6**	16100.813	46.28	1.16	54.0	7.72	AV	360.00	400	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	1496.100	38.78	-17.38	74.0	35.22	Peak	95.00	100	Vertical	Pass
1**	1496.100	28.82	-17.38	54.0	25.18	AV	95.00	100	Vertical	Pass
2	4361.600	49.36	-4.36	74.0	24.64	Peak	351.00	200	Vertical	Pass
2**	4361.600	40.34	-4.36	54.0	13.66	AV	351.00	200	Vertical	Pass
3	5298.600	104.10	-3.23	--	--	Peak	175.00	200	Vertical	N/A
3**	5298.600	97.31	-3.23	--	--	AV	175.00	200	Vertical	N/A
4	7335.800	49.53	-3.24	74.0	24.47	Peak	211.00	100	Vertical	Pass
4**	7335.800	41.74	-3.24	54.0	12.26	AV	211.00	100	Vertical	Pass
5	12486.938	53.12	1.65	74.0	20.88	Peak	308.00	200	Vertical	Pass
5**	12486.938	43.06	1.65	54.0	10.94	AV	308.00	200	Vertical	Pass
6	15679.500	56.06	1.58	74.0	17.94	Peak	42.00	100	Vertical	Pass
6**	15679.500	46.20	1.58	54.0	7.80	AV	42.00	100	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	1496.600	38.94	-17.39	74.0	35.06	Peak	328.00	100	Horizontal	Pass
1**	1496.600	29.52	-17.39	54.0	24.48	AV	328.00	100	Horizontal	Pass
2	4383.800	50.11	-4.65	74.0	23.89	Peak	320.00	400	Horizontal	Pass
2**	4383.800	40.43	-4.65	54.0	13.57	AV	320.00	400	Horizontal	Pass
3	5319.200	111.17	-2.71	--	--	Peak	73.00	150	Horizontal	N/A
3**	5319.200	104.62	-2.71	--	--	AV	73.00	150	Horizontal	N/A
4	7702.075	49.94	-2.17	74.0	24.06	Peak	242.00	300	Horizontal	Pass
4**	7702.075	40.01	-2.17	54.0	13.99	AV	242.00	300	Horizontal	Pass
5	12373.088	53.22	1.32	74.0	20.78	Peak	290.00	150	Horizontal	Pass
5**	12373.088	43.01	1.32	54.0	10.99	AV	290.00	150	Horizontal	Pass
6	16096.612	55.96	1.28	74.0	18.04	Peak	112.00	100	Horizontal	Pass
6**	16096.612	47.10	1.28	54.0	6.90	AV	112.00	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	1499.500	39.94	-17.51	74.0	34.06	Peak	92.00	200	Vertical	Pass
1**	1499.500	28.58	-17.51	54.0	25.42	AV	92.00	200	Vertical	Pass
2	4347.800	49.04	-3.92	74.0	24.96	Peak	337.00	200	Vertical	Pass
2**	4347.800	41.58	-3.92	54.0	12.42	AV	337.00	200	Vertical	Pass
3	5319.200	103.86	-2.71	--	--	Peak	152.00	150	Vertical	N/A
3**	5319.200	97.26	-2.71	--	--	AV	152.00	150	Vertical	N/A
4	7329.187	49.66	-3.83	74.0	24.34	Peak	322.00	100	Vertical	Pass
4**	7329.187	40.51	-3.83	54.0	13.49	AV	322.00	100	Vertical	Pass
5	12437.488	52.89	1.74	74.0	21.11	Peak	260.00	200	Vertical	Pass
5**	12437.488	43.21	1.74	54.0	10.79	AV	260.00	200	Vertical	Pass
6	15790.537	55.76	2.03	74.0	18.24	Peak	222.00	100	Vertical	Pass
6**	15790.537	46.41	2.03	54.0	7.59	AV	222.00	100	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	1581.600	38.40	-17.31	74.0	35.60	Peak	300.00	200	Horizontal	Pass
1**	1581.600	29.34	-17.31	54.0	24.66	AV	300.00	200	Horizontal	Pass
2	4378.200	49.39	-4.57	74.0	24.61	Peak	118.00	300	Horizontal	Pass
2**	4378.200	41.00	-4.57	54.0	13.00	AV	118.00	300	Horizontal	Pass
3	5259.600	110.05	-2.43	--	--	Peak	67.00	200	Horizontal	N/A
3**	5259.600	103.52	-2.43	--	--	AV	67.00	200	Horizontal	N/A
4	7338.962	49.55	-3.37	74.0	24.45	Peak	76.00	400	Horizontal	Pass
4**	7338.962	41.23	-3.37	54.0	12.77	AV	76.00	400	Horizontal	Pass
5	12398.675	53.64	1.58	74.0	20.36	Peak	187.00	200	Horizontal	Pass
5**	12398.675	44.80	1.58	54.0	9.20	AV	187.00	200	Horizontal	Pass
6	15856.950	55.47	1.09	74.0	18.53	Peak	236.00	400	Horizontal	Pass
6**	15856.950	46.47	1.09	54.0	7.53	AV	236.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.100	39.03	-17.33	74.0	34.97	Peak	142.00	300	Vertical	Pass
1**	1524.100	29.99	-17.33	54.0	24.01	AV	142.00	300	Vertical	Pass
2	4353.400	49.41	-3.73	74.0	24.59	Peak	342.00	300	Vertical	Pass
2**	4353.400	41.17	-3.73	54.0	12.83	AV	342.00	300	Vertical	Pass
3	5259.200	102.13	-2.41	--	--	Peak	107.00	200	Vertical	N/A
3**	5259.200	95.08	-2.41	--	--	AV	107.00	200	Vertical	N/A
4	7348.163	49.81	-3.15	74.0	24.19	Peak	80.00	300	Vertical	Pass
4**	7348.163	41.27	-3.15	54.0	12.73	AV	80.00	300	Vertical	Pass
5	12391.487	52.84	1.58	74.0	21.16	Peak	209.00	150	Vertical	Pass
5**	12391.487	42.89	1.58	54.0	11.11	AV	209.00	150	Vertical	Pass
6	15842.775	55.90	1.40	74.0	18.10	Peak	105.00	200	Vertical	Pass
6**	15842.775	46.32	1.40	54.0	7.68	AV	105.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.700	38.93	-17.33	74.0	35.07	Peak	219.00	400	Horizontal	Pass
1**	1542.700	28.97	-17.33	54.0	25.03	AV	219.00	400	Horizontal	Pass
2	4370.000	49.90	-4.43	74.0	24.10	Peak	17.00	200	Horizontal	Pass
2**	4370.000	40.28	-4.43	54.0	13.72	AV	17.00	200	Horizontal	Pass
3	5299.000	110.17	-3.20	--	--	Peak	78.00	100	Horizontal	N/A
3**	5299.000	103.31	-3.20	--	--	AV	78.00	100	Horizontal	N/A
4	7690.862	50.06	-1.90	74.0	23.94	Peak	237.00	400	Horizontal	Pass
4**	7690.862	41.23	-1.90	54.0	12.77	AV	237.00	400	Horizontal	Pass
5	12479.750	53.46	1.62	74.0	20.54	Peak	360.00	150	Horizontal	Pass
5**	12479.750	43.85	1.62	54.0	10.15	AV	360.00	150	Horizontal	Pass
6	15853.799	56.16	1.23	74.0	17.84	Peak	156.00	100	Horizontal	Pass
6**	15853.799	46.74	1.23	54.0	7.26	AV	156.00	100	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	1494.300	40.21	-17.62	74.0	33.79	Peak	101.00	100	Vertical	Pass
1**	1494.300	29.24	-17.62	54.0	24.76	AV	101.00	100	Vertical	Pass
2	4200.200	50.16	-4.92	74.0	23.84	Peak	272.00	300	Vertical	Pass
2**	4200.200	39.89	-4.92	54.0	14.11	AV	272.00	300	Vertical	Pass
3	5301.200	102.28	-3.07	--	--	Peak	108.00	100	Vertical	N/A
3**	5301.200	94.87	-3.07	--	--	AV	108.00	100	Vertical	N/A
4	7343.850	49.80	-3.29	74.0	24.20	Peak	215.00	300	Vertical	Pass
4**	7343.850	40.10	-3.29	54.0	13.90	AV	215.00	300	Vertical	Pass
5	11951.325	53.01	1.34	74.0	20.99	Peak	264.00	100	Vertical	Pass
5**	11951.325	44.52	1.34	54.0	9.48	AV	264.00	100	Vertical	Pass
6	15981.638	55.52	0.29	74.0	18.48	Peak	87.00	300	Vertical	Pass
6**	15981.638	45.11	0.29	54.0	8.89	AV	87.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.200	39.38	-17.29	74.0	34.62	Peak	131.00	100	Horizontal	Pass
1**	1545.200	29.21	-17.29	54.0	24.79	AV	131.00	100	Horizontal	Pass
2	4277.800	49.50	-4.46	74.0	24.50	Peak	360.00	100	Horizontal	Pass
2**	4277.800	40.70	-4.46	54.0	13.30	AV	360.00	100	Horizontal	Pass
3	5319.800	110.93	-2.75	--	--	Peak	70.00	200	Horizontal	N/A
3**	5319.800	103.86	-2.75	--	--	AV	70.00	200	Horizontal	N/A
4	7339.825	49.74	-3.39	74.0	24.26	Peak	142.00	300	Horizontal	Pass
4**	7339.825	40.33	-3.39	54.0	13.67	AV	142.00	300	Horizontal	Pass
5	11950.463	52.68	1.38	74.0	21.32	Peak	0.00	200	Horizontal	Pass
5**	11950.463	43.90	1.38	54.0	10.10	AV	0.00	200	Horizontal	Pass
6	15850.387	55.68	1.32	74.0	18.32	Peak	178.00	400	Horizontal	Pass
6**	15850.387	46.67	1.32	54.0	7.33	AV	178.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.000	40.36	-17.51	74.0	33.64	Peak	107.00	300	Vertical	Pass
1**	1567.000	29.06	-17.51	54.0	24.94	AV	107.00	300	Vertical	Pass
2	4354.800	49.61	-3.86	74.0	24.39	Peak	49.00	200	Vertical	Pass
2**	4354.800	40.61	-3.86	54.0	13.39	AV	49.00	200	Vertical	Pass
3	5321.000	103.04	-2.84	--	--	Peak	112.00	200	Vertical	N/A
3**	5321.000	96.45	-2.84	--	--	AV	112.00	200	Vertical	N/A
4	7674.763	49.39	-2.36	74.0	24.61	Peak	143.00	300	Vertical	Pass
4**	7674.763	39.91	-2.36	54.0	14.09	AV	143.00	300	Vertical	Pass
5	12319.612	53.04	1.42	74.0	20.96	Peak	207.00	100	Vertical	Pass
5**	12319.612	43.51	1.42	54.0	10.49	AV	207.00	100	Vertical	Pass
6	15841.988	55.45	1.42	74.0	18.55	Peak	104.00	100	Vertical	Pass
6**	15841.988	46.77	1.42	54.0	7.23	AV	104.00	100	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	1488.300	38.66	-17.70	74.0	35.34	Peak	125.00	300	Horizontal	Pass
1**	1488.300	28.49	-17.70	54.0	25.51	AV	125.00	300	Horizontal	Pass
2	4370.600	49.57	-4.30	74.0	24.43	Peak	4.00	100	Horizontal	Pass
2**	4370.600	40.36	-4.30	54.0	13.64	AV	4.00	100	Horizontal	Pass
3	5271.600	107.88	-2.74	--	--	Peak	80.00	100	Horizontal	N/A
3**	5271.600	99.92	-2.74	--	--	AV	80.00	100	Horizontal	N/A
4	7355.638	50.03	-3.49	74.0	23.97	Peak	338.00	400	Horizontal	Pass
4**	7355.638	40.91	-3.49	54.0	13.09	AV	338.00	400	Horizontal	Pass
5	12284.826	53.09	1.78	74.0	20.91	Peak	82.00	200	Horizontal	Pass
5**	12284.826	44.70	1.78	54.0	9.30	AV	82.00	200	Horizontal	Pass
6	15656.662	56.26	1.22	74.0	17.74	Peak	147.00	200	Horizontal	Pass
6**	15656.662	46.54	1.22	54.0	7.46	AV	147.00	200	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	1567.000	40.05	-17.51	74.0	33.95	Peak	31.00	100	Vertical	Pass
1**	1567.000	30.96	-17.51	54.0	23.04	AV	31.00	100	Vertical	Pass
2	4275.400	49.70	-4.43	74.0	24.30	Peak	158.00	300	Vertical	Pass
2**	4275.400	41.00	-4.43	54.0	13.00	AV	158.00	300	Vertical	Pass
3	5273.200	99.62	-2.74	--	--	Peak	94.00	100	Vertical	N/A
3**	5273.200	90.82	-2.74	--	--	AV	94.00	100	Vertical	N/A
4	7340.112	50.47	-3.40	74.0	23.53	Peak	158.00	400	Vertical	Pass
4**	7340.112	41.32	-3.40	54.0	12.68	AV	158.00	400	Vertical	Pass
5	11629.325	52.77	-0.19	74.0	21.23	Peak	221.00	100	Vertical	Pass
5**	11629.325	43.31	-0.19	54.0	10.69	AV	221.00	100	Vertical	Pass
6	15849.075	55.65	1.34	74.0	18.35	Peak	46.00	300	Vertical	Pass
6**	15849.075	46.49	1.34	54.0	7.51	AV	46.00	300	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	1461.200	38.30	-17.53	74.0	35.70	Peak	159.00	200	Horizontal	Pass
1**	1461.200	28.54	-17.53	54.0	25.46	AV	159.00	200	Horizontal	Pass
2	4352.000	50.03	-3.60	74.0	23.97	Peak	245.00	100	Horizontal	Pass
2**	4352.000	40.36	-3.60	54.0	13.64	AV	245.00	100	Horizontal	Pass
3	5312.400	104.94	-2.70	--	--	Peak	70.00	200	Horizontal	N/A
3**	5312.400	97.70	-2.70	--	--	AV	70.00	200	Horizontal	N/A
4	7345.862	49.42	-3.37	74.0	24.58	Peak	351.00	100	Horizontal	Pass
4**	7345.862	40.86	-3.37	54.0	13.14	AV	351.00	100	Horizontal	Pass
5	12241.412	52.94	1.05	74.0	21.06	Peak	46.00	100	Horizontal	Pass
5**	12241.412	43.89	1.05	54.0	10.11	AV	46.00	100	Horizontal	Pass
6	16099.763	55.71	1.21	74.0	18.29	Peak	0.00	300	Horizontal	Pass
6**	16099.763	46.28	1.21	54.0	7.72	AV	0.00	300	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	1582.900	39.69	-17.41	74.0	34.31	Peak	120.00	200	Vertical	Pass
1**	1582.900	29.46	-17.41	54.0	24.54	AV	120.00	200	Vertical	Pass
2	4351.600	49.82	-3.62	74.0	24.18	Peak	256.00	200	Vertical	Pass
2**	4351.600	40.24	-3.62	54.0	13.76	AV	256.00	200	Vertical	Pass
3	5307.400	96.74	-2.88	--	--	Peak	133.00	100	Vertical	N/A
3**	5307.400	88.84	-2.88	--	--	AV	133.00	100	Vertical	N/A
4	7336.088	49.51	-3.25	74.0	24.49	Peak	288.00	300	Vertical	Pass
4**	7336.088	40.82	-3.25	54.0	13.18	AV	288.00	300	Vertical	Pass
5	12280.225	53.50	1.80	74.0	20.50	Peak	272.00	200	Vertical	Pass
5**	12280.225	44.07	1.80	54.0	9.93	AV	272.00	200	Vertical	Pass
6	15798.674	55.86	2.29	74.0	18.14	Peak	195.00	400	Vertical	Pass
6**	15798.674	46.28	2.29	54.0	7.72	AV	195.00	400	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	1544.400	38.42	-17.30	74.0	35.58	Peak	160.00	200	Horizontal	Pass
1**	1544.400	29.09	-17.30	54.0	24.91	AV	160.00	200	Horizontal	Pass
2	4194.800	50.06	-4.61	74.0	23.94	Peak	329.00	100	Horizontal	Pass
2**	4194.800	40.02	-4.61	54.0	13.98	AV	329.00	100	Horizontal	Pass
3	5258.800	112.65	-2.38	--	--	Peak	67.00	100	Horizontal	N/A
3**	5258.800	104.94	-2.38	--	--	AV	67.00	100	Horizontal	N/A
4	7292.962	49.87	-3.15	74.0	24.13	Peak	264.00	200	Horizontal	Pass
4**	7292.962	40.33	-3.15	54.0	13.67	AV	264.00	200	Horizontal	Pass
5	12614.875	53.61	1.88	74.0	20.39	Peak	0.00	150	Horizontal	Pass
5**	12614.875	44.07	1.88	54.0	9.93	AV	0.00	150	Horizontal	Pass
6	16066.688	56.16	1.21	74.0	17.84	Peak	341.00	300	Horizontal	Pass
6**	16066.688	47.10	1.21	54.0	6.90	AV	341.00	300	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	1523.700	39.59	-17.32	74.0	34.41	Peak	128.00	100	Vertical	Pass
1**	1523.700	28.97	-17.32	54.0	25.03	AV	128.00	100	Vertical	Pass
2	4272.200	50.18	-4.39	74.0	23.82	Peak	177.00	400	Vertical	Pass
2**	4272.200	40.04	-4.39	54.0	13.96	AV	177.00	400	Vertical	Pass
3	5259.600	103.20	-2.43	--	--	Peak	104.00	200	Vertical	N/A
3**	5259.600	96.37	-2.43	--	--	AV	104.00	200	Vertical	N/A
4	7721.337	49.79	-2.83	74.0	24.21	Peak	12.00	200	Vertical	Pass
4**	7721.337	40.59	-2.83	54.0	13.41	AV	12.00	200	Vertical	Pass
5	11907.625	52.72	1.56	74.0	21.28	Peak	188.00	100	Vertical	Pass
5**	11907.625	43.24	1.56	54.0	10.76	AV	188.00	100	Vertical	Pass
6	15799.463	56.20	2.32	74.0	17.80	Peak	302.00	100	Vertical	Pass
6**	15799.463	46.19	2.32	54.0	7.81	AV	302.00	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	1549.800	38.68	-17.50	74.0	35.32	Peak	294.00	100	Horizontal	Pass
1**	1549.800	28.80	-17.50	54.0	25.20	AV	294.00	100	Horizontal	Pass
2	4366.200	49.82	-4.24	74.0	24.18	Peak	360.00	100	Horizontal	Pass
2**	4366.200	41.53	-4.24	54.0	12.47	AV	360.00	100	Horizontal	Pass
3	5301.200	111.29	-3.07	--	--	Peak	76.00	200	Horizontal	N/A
3**	5301.200	105.00	-3.07	--	--	AV	76.00	200	Horizontal	N/A
4	7313.950	50.20	-3.02	74.0	23.80	Peak	231.00	100	Horizontal	Pass
4**	7313.950	40.47	-3.02	54.0	13.53	AV	231.00	100	Horizontal	Pass
5	12406.725	53.23	1.47	74.0	20.77	Peak	74.00	200	Horizontal	Pass
5**	12406.725	44.17	1.47	54.0	9.83	AV	74.00	200	Horizontal	Pass
6	16042.537	56.75	0.77	74.0	17.25	Peak	91.00	400	Horizontal	Pass
6**	16042.537	46.01	0.77	54.0	7.99	AV	91.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.000	39.33	-17.38	74.0	34.67	Peak	108.00	400	Vertical	Pass
1**	1525.000	30.41	-17.38	54.0	23.59	AV	108.00	400	Vertical	Pass
2	4370.800	49.86	-4.25	74.0	24.14	Peak	241.00	100	Vertical	Pass
2**	4370.800	41.02	-4.25	54.0	12.98	AV	241.00	100	Vertical	Pass
3	5299.000	103.20	-3.20	--	--	Peak	158.00	100	Vertical	N/A
3**	5299.000	96.08	-3.20	--	--	AV	158.00	100	Vertical	N/A
4	7347.300	49.54	-3.25	74.0	24.46	Peak	104.00	100	Vertical	Pass
4**	7347.300	41.10	-3.25	54.0	12.90	AV	104.00	100	Vertical	Pass
5	12408.738	53.21	1.45	74.0	20.79	Peak	303.00	100	Vertical	Pass
5**	12408.738	44.38	1.45	54.0	9.62	AV	303.00	100	Vertical	Pass
6	16040.963	55.80	0.79	74.0	18.20	Peak	0.00	100	Vertical	Pass
6**	16040.963	46.56	0.79	54.0	7.44	AV	0.00	100	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	1576.200	38.73	-17.49	74.0	35.27	Peak	338.00	300	Horizontal	Pass
1**	1576.200	29.74	-17.49	54.0	24.26	AV	338.00	300	Horizontal	Pass
2	4360.400	49.80	-4.17	74.0	24.20	Peak	59.00	300	Horizontal	Pass
2**	4360.400	40.63	-4.17	54.0	13.37	AV	59.00	300	Horizontal	Pass
3	5321.200	112.22	-2.85	--	--	Peak	71.00	100	Horizontal	N/A
3**	5321.200	104.96	-2.85	--	--	AV	71.00	100	Horizontal	N/A
4	7397.613	49.10	-3.95	74.0	24.90	Peak	316.00	300	Horizontal	Pass
4**	7397.613	40.36	-3.95	54.0	13.64	AV	316.00	300	Horizontal	Pass
5	11502.537	53.62	-0.02	74.0	20.38	Peak	46.00	100	Horizontal	Pass
5**	11502.537	42.82	-0.02	54.0	11.18	AV	46.00	100	Horizontal	Pass
6	15812.588	55.87	2.11	74.0	18.13	Peak	0.00	200	Horizontal	Pass
6**	15812.588	47.06	2.11	54.0	6.94	AV	0.00	200	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	1572.700	39.58	-17.59	74.0	34.42	Peak	39.00	400	Vertical	Pass
1**	1572.700	29.18	-17.59	54.0	24.82	AV	39.00	400	Vertical	Pass
2	4105.600	49.36	-5.21	74.0	24.64	Peak	40.00	100	Vertical	Pass
2**	4105.600	39.33	-5.21	54.0	14.67	AV	40.00	100	Vertical	Pass
3	5319.000	104.76	-2.69	--	--	Peak	114.00	100	Vertical	N/A
3**	5319.000	97.51	-2.69	--	--	AV	114.00	100	Vertical	N/A
4	7508.875	49.84	-3.36	74.0	24.16	Peak	360.00	100	Vertical	Pass
4**	7508.875	39.67	-3.36	54.0	14.33	AV	360.00	100	Vertical	Pass
5	12233.362	53.12	1.21	74.0	20.88	Peak	290.00	200	Vertical	Pass
5**	12233.362	44.44	1.21	54.0	9.56	AV	290.00	200	Vertical	Pass
6	15796.312	55.49	2.21	74.0	18.51	Peak	315.00	100	Vertical	Pass
6**	15796.312	46.91	2.21	54.0	7.09	AV	315.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1547.800	38.66	-17.44	74.0	35.34	Peak	264.00	400	Horizontal	Pass
1**	1547.800	28.79	-17.44	54.0	25.21	AV	264.00	400	Horizontal	Pass
2	4371.200	49.69	-4.16	74.0	24.31	Peak	304.00	400	Horizontal	Pass
2**	4371.200	41.01	-4.16	54.0	12.99	AV	304.00	400	Horizontal	Pass
3	5267.400	109.22	-2.85	--	--	Peak	62.00	200	Horizontal	N/A
3**	5267.400	101.11	-2.85	--	--	AV	62.00	200	Horizontal	N/A
4	7337.238	49.60	-3.30	74.0	24.40	Peak	0.00	100	Horizontal	Pass
4**	7337.238	40.87	-3.30	54.0	13.13	AV	0.00	100	Horizontal	Pass
5	11501.388	53.21	0.01	74.0	20.79	Peak	220.00	200	Horizontal	Pass
5**	11501.388	42.75	0.01	54.0	11.25	AV	220.00	200	Horizontal	Pass
6	16095.037	55.81	1.32	74.0	18.19	Peak	67.00	300	Horizontal	Pass
6**	16095.037	46.18	1.32	54.0	7.82	AV	67.00	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	1557.200	38.96	-17.36	74.0	35.04	Peak	117.00	400	Vertical	Pass
1**	1557.200	29.41	-17.36	54.0	24.59	AV	117.00	400	Vertical	Pass
2	4386.400	49.42	-4.68	74.0	24.58	Peak	47.00	400	Vertical	Pass
2**	4386.400	40.53	-4.68	54.0	13.47	AV	47.00	400	Vertical	Pass
3	5272.600	100.61	-2.74	--	--	Peak	91.00	150	Vertical	N/A
3**	5272.600	93.58	-2.74	--	--	AV	91.00	150	Vertical	N/A
4	7609.500	48.86	-2.89	74.0	25.14	Peak	340.00	100	Vertical	Pass
4**	7609.500	40.15	-2.89	54.0	13.85	AV	340.00	100	Vertical	Pass
5	12619.763	53.23	1.80	74.0	20.77	Peak	0.00	150	Vertical	Pass
5**	12619.763	43.22	1.80	54.0	10.78	AV	0.00	150	Vertical	Pass
6	15845.401	56.33	1.37	74.0	17.67	Peak	1.00	300	Vertical	Pass
6**	15845.401	47.05	1.37	54.0	6.95	AV	1.00	300	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	1513.400	40.83	-17.66	74.0	33.17	Peak	27.00	400	Horizontal	Pass
1**	1513.400	28.71	-17.66	54.0	25.29	AV	27.00	400	Horizontal	Pass
2	4353.000	49.74	-3.68	74.0	24.26	Peak	144.00	100	Horizontal	Pass
2**	4353.000	41.47	-3.68	54.0	12.53	AV	144.00	100	Horizontal	Pass
3	5312.800	104.30	-2.71	--	--	Peak	66.00	150	Horizontal	N/A
3**	5312.800	97.19	-2.71	--	--	AV	66.00	150	Horizontal	N/A
4	7325.450	49.42	-3.69	74.0	24.58	Peak	323.00	400	Horizontal	Pass
4**	7325.450	40.75	-3.69	54.0	13.25	AV	323.00	400	Horizontal	Pass
5	12227.037	53.07	1.31	74.0	20.93	Peak	30.00	200	Horizontal	Pass
5**	12227.037	44.34	1.31	54.0	9.66	AV	30.00	200	Horizontal	Pass
6	16034.138	55.79	0.75	74.0	18.21	Peak	4.00	100	Horizontal	Pass
6**	16034.138	46.70	0.75	54.0	7.30	AV	4.00	100	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	1583.200	39.54	-17.44	74.0	34.46	Peak	35.00	300	Vertical	Pass
1**	1583.200	30.28	-17.44	54.0	23.72	AV	35.00	300	Vertical	Pass
2	4271.800	49.48	-4.40	74.0	24.52	Peak	153.00	400	Vertical	Pass
2**	4271.800	39.99	-4.40	54.0	14.01	AV	153.00	400	Vertical	Pass
3	5311.800	96.13	-2.66	--	--	Peak	153.00	150	Vertical	N/A
3**	5311.800	89.61	-2.66	--	--	AV	153.00	150	Vertical	N/A
4	7341.550	49.71	-3.43	74.0	24.29	Peak	360.00	200	Vertical	Pass
4**	7341.550	41.76	-3.43	54.0	12.24	AV	360.00	200	Vertical	Pass
5	12596.475	53.40	1.82	74.0	20.60	Peak	360.00	150	Vertical	Pass
5**	12596.475	43.12	1.82	54.0	10.88	AV	360.00	150	Vertical	Pass
6	16115.512	55.95	0.68	74.0	18.05	Peak	173.00	200	Vertical	Pass
6**	16115.512	45.93	0.68	54.0	8.07	AV	173.00	200	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	1495.300	39.27	-17.49	74.0	34.73	Peak	342.00	200	Horizontal	Pass
1**	1495.300	28.67	-17.49	54.0	25.33	AV	342.00	200	Horizontal	Pass
2	4354.000	49.68	-3.79	74.0	24.32	Peak	326.00	100	Horizontal	Pass
2**	4354.000	40.74	-3.79	54.0	13.26	AV	326.00	100	Horizontal	Pass
3	5285.200	100.42	-3.07	--	--	Peak	68.00	200	Horizontal	N/A
3**	5285.200	92.50	-3.07	--	--	AV	68.00	200	Horizontal	N/A
4	7348.450	49.69	-3.15	74.0	24.31	Peak	254.00	200	Horizontal	Pass
4**	7348.450	41.31	-3.15	54.0	12.69	AV	254.00	200	Horizontal	Pass
5	12313.862	53.13	1.40	74.0	20.87	Peak	56.00	200	Horizontal	Pass
5**	12313.862	43.57	1.40	54.0	10.43	AV	56.00	200	Horizontal	Pass
6	15786.599	55.79	1.87	74.0	18.21	Peak	5.00	200	Horizontal	Pass
6**	15786.599	46.93	1.87	54.0	7.07	AV	5.00	200	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	1562.200	39.39	-17.53	74.0	34.61	Peak	111.00	200	Vertical	Pass
1**	1562.200	28.68	-17.53	54.0	25.32	AV	111.00	200	Vertical	Pass
2	4351.600	49.25	-3.62	74.0	24.75	Peak	167.00	100	Vertical	Pass
2**	4351.600	41.59	-3.62	54.0	12.41	AV	167.00	100	Vertical	Pass
3	5285.200	91.08	-3.07	--	--	Peak	106.00	200	Vertical	N/A
3**	5285.200	84.40	-3.07	--	--	AV	106.00	200	Vertical	N/A
4	7355.925	50.08	-3.51	74.0	23.92	Peak	227.00	200	Vertical	Pass
4**	7355.925	40.94	-3.51	54.0	13.06	AV	227.00	200	Vertical	Pass
5	11918.838	53.42	1.49	74.0	20.58	Peak	329.00	150	Vertical	Pass
5**	11918.838	44.11	1.49	54.0	9.89	AV	329.00	150	Vertical	Pass
6	15847.500	55.61	1.35	74.0	18.39	Peak	120.00	100	Vertical	Pass
6**	15847.500	46.99	1.35	54.0	7.01	AV	120.00	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	1443.200	38.86	-17.43	74.0	35.14	Peak	77.00	100	Horizontal	Pass
1**	1443.200	28.79	-17.43	54.0	25.21	AV	77.00	100	Horizontal	Pass
2	4196.200	49.58	-4.68	74.0	24.42	Peak	44.00	200	Horizontal	Pass
2**	4196.200	41.00	-4.68	54.0	13.00	AV	44.00	200	Horizontal	Pass
3	5501.000	111.75	-2.33	--	--	Peak	67.00	100	Horizontal	N/A
3**	5501.000	104.57	-2.33	--	--	AV	67.00	100	Horizontal	N/A
4	7350.462	50.57	-3.37	74.0	23.43	Peak	105.00	200	Horizontal	Pass
4**	7350.462	40.22	-3.37	54.0	13.78	AV	105.00	200	Horizontal	Pass
5	12276.775	53.01	1.68	74.0	20.99	Peak	198.00	200	Horizontal	Pass
5**	12276.775	43.90	1.68	54.0	10.10	AV	198.00	200	Horizontal	Pass
6	15832.537	55.58	1.47	74.0	18.42	Peak	203.00	400	Horizontal	Pass
6**	15832.537	46.90	1.47	54.0	7.10	AV	203.00	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	1591.800	38.85	-17.79	74.0	35.15	Peak	110.00	100	Vertical	Pass
1**	1591.800	29.24	-17.79	54.0	24.76	AV	110.00	100	Vertical	Pass
2	4205.000	49.34	-4.73	74.0	24.66	Peak	113.00	100	Vertical	Pass
2**	4205.000	41.79	-4.73	54.0	12.21	AV	113.00	100	Vertical	Pass
3	5499.000	106.41	-2.27	--	--	Peak	136.00	200	Vertical	N/A
3**	5499.000	99.12	-2.27	--	--	AV	136.00	200	Vertical	N/A
4	7344.425	49.87	-3.29	74.0	24.13	Peak	121.00	100	Vertical	Pass
4**	7344.425	41.29	-3.29	54.0	12.71	AV	121.00	100	Vertical	Pass
5	12277.925	53.06	1.73	74.0	20.94	Peak	266.00	150	Vertical	Pass
5**	12277.925	43.53	1.73	54.0	10.47	AV	266.00	150	Vertical	Pass
6	15630.151	55.50	1.70	74.0	18.50	Peak	335.00	300	Vertical	Pass
6**	15630.151	47.00	1.70	54.0	7.00	AV	335.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.100	38.48	-17.53	74.0	35.52	Peak	131.00	100	Horizontal	Pass
1**	1499.100	28.39	-17.53	54.0	25.61	AV	131.00	100	Horizontal	Pass
2	4382.200	49.66	-4.62	74.0	24.34	Peak	285.00	400	Horizontal	Pass
2**	4382.200	40.89	-4.62	54.0	13.11	AV	285.00	400	Horizontal	Pass
3	5579.000	111.35	-1.93	--	--	Peak	78.00	100	Horizontal	N/A
3**	5579.000	104.63	-1.93	--	--	AV	78.00	100	Horizontal	N/A
4	7342.987	49.12	-3.35	74.0	24.88	Peak	0.00	400	Horizontal	Pass
4**	7342.987	41.11	-3.35	54.0	12.89	AV	0.00	400	Horizontal	Pass
5	12599.925	53.21	1.90	74.0	20.79	Peak	204.00	100	Horizontal	Pass
5**	12599.925	43.19	1.90	54.0	10.81	AV	204.00	100	Horizontal	Pass
6	16036.237	55.80	0.77	74.0	18.20	Peak	328.00	300	Horizontal	Pass
6**	16036.237	45.70	0.77	54.0	8.30	AV	328.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1576.400	39.24	-17.48	74.0	34.76	Peak	115.00	200	Vertical	Pass
1**	1576.400	31.07	-17.48	54.0	22.93	AV	115.00	200	Vertical	Pass
2	4371.800	49.63	-4.28	74.0	24.37	Peak	82.00	200	Vertical	Pass
2**	4371.800	40.61	-4.28	54.0	13.39	AV	82.00	200	Vertical	Pass
3	5581.000	105.55	-1.85	--	--	Peak	132.00	100	Vertical	N/A
3**	5581.000	98.17	-1.85	--	--	AV	132.00	100	Vertical	N/A
4	7317.687	49.91	-3.26	74.0	24.09	Peak	178.00	300	Vertical	Pass
4**	7317.687	39.92	-3.26	54.0	14.08	AV	178.00	300	Vertical	Pass
5	12515.401	52.89	1.53	74.0	21.11	Peak	267.00	100	Vertical	Pass
5**	12515.401	43.13	1.53	54.0	10.87	AV	267.00	100	Vertical	Pass
6	15667.162	55.64	1.38	74.0	18.36	Peak	338.00	200	Vertical	Pass
6**	15667.162	46.65	1.38	54.0	7.35	AV	338.00	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	1522.400	38.78	-17.39	74.0	35.22	Peak	350.00	400	Horizontal	Pass
1**	1522.400	29.31	-17.39	54.0	24.69	AV	350.00	400	Horizontal	Pass
2	4136.200	49.25	-5.17	74.0	24.75	Peak	287.00	300	Horizontal	Pass
2**	4136.200	39.53	-5.17	54.0	14.47	AV	287.00	300	Horizontal	Pass
3	5699.200	106.92	-1.47	--	--	Peak	99.00	100	Horizontal	N/A
3**	5699.200	99.35	-1.47	--	--	AV	99.00	100	Horizontal	N/A
4	7288.937	49.15	-3.06	74.0	24.85	Peak	217.00	300	Horizontal	Pass
4**	7288.937	39.60	-3.06	54.0	14.40	AV	217.00	300	Horizontal	Pass
5	12260.675	52.87	1.10	74.0	21.13	Peak	108.00	200	Horizontal	Pass
5**	12260.675	43.38	1.10	54.0	10.62	AV	108.00	200	Horizontal	Pass
6	15856.950	56.11	1.09	74.0	17.89	Peak	278.00	400	Horizontal	Pass
6**	15856.950	46.49	1.09	54.0	7.51	AV	278.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.000	38.87	-17.43	74.0	35.13	Peak	267.00	400	Vertical	Pass
1**	1497.000	30.13	-17.43	54.0	23.87	AV	267.00	400	Vertical	Pass
2	4371.600	49.79	-4.23	74.0	24.21	Peak	276.00	300	Vertical	Pass
2**	4371.600	41.01	-4.23	54.0	12.99	AV	276.00	300	Vertical	Pass
3	5701.000	102.92	-1.49	--	--	Peak	136.00	200	Vertical	N/A
3**	5701.000	95.68	-1.49	--	--	AV	136.00	200	Vertical	N/A
4	7671.312	49.80	-2.22	74.0	24.20	Peak	344.00	200	Vertical	Pass
4**	7671.312	39.99	-2.22	54.0	14.01	AV	344.00	200	Vertical	Pass
5	12416.500	52.79	1.41	74.0	21.21	Peak	197.00	150	Vertical	Pass
5**	12416.500	43.36	1.41	54.0	10.64	AV	197.00	150	Vertical	Pass
6	15834.112	55.54	1.46	74.0	18.46	Peak	146.00	300	Vertical	Pass
6**	15834.112	46.17	1.46	54.0	7.83	AV	146.00	300	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	1583.600	39.13	-17.46	74.0	34.87	Peak	191.00	100	Horizontal	Pass
1**	1583.600	28.80	-17.46	54.0	25.20	AV	191.00	100	Horizontal	Pass
2	4208.000	49.60	-4.93	74.0	24.40	Peak	12.00	300	Horizontal	Pass
2**	4208.000	39.27	-4.93	54.0	14.73	AV	12.00	300	Horizontal	Pass
3	5498.600	111.40	-2.24	--	--	Peak	93.00	200	Horizontal	N/A
3**	5498.600	103.48	-2.24	--	--	AV	93.00	200	Horizontal	N/A
4	7278.013	50.12	-3.29	74.0	23.88	Peak	265.00	300	Horizontal	Pass
4**	7278.013	39.85	-3.29	54.0	14.15	AV	265.00	300	Horizontal	Pass
5	12633.850	53.25	1.30	74.0	20.75	Peak	285.00	150	Horizontal	Pass
5**	12633.850	42.98	1.30	54.0	11.02	AV	285.00	150	Horizontal	Pass
6	15841.988	55.69	1.42	74.0	18.31	Peak	229.00	300	Horizontal	Pass
6**	15841.988	47.29	1.42	54.0	6.71	AV	229.00	300	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	1496.700	41.15	-17.40	74.0	32.85	Peak	96.00	400	Vertical	Pass
1**	1496.700	29.97	-17.40	54.0	24.03	AV	96.00	400	Vertical	Pass
2	4360.800	49.67	-4.19	74.0	24.33	Peak	354.00	200	Vertical	Pass
2**	4360.800	40.28	-4.19	54.0	13.72	AV	354.00	200	Vertical	Pass
3	5501.200	104.81	-2.34	--	--	Peak	136.00	150	Vertical	N/A
3**	5501.200	98.16	-2.34	--	--	AV	136.00	150	Vertical	N/A
4	7683.962	49.32	-2.34	74.0	24.68	Peak	251.00	200	Vertical	Pass
4**	7683.962	40.71	-2.34	54.0	13.29	AV	251.00	200	Vertical	Pass
5	12365.325	53.08	1.21	74.0	20.92	Peak	71.00	150	Vertical	Pass
5**	12365.325	44.04	1.21	54.0	9.96	AV	71.00	150	Vertical	Pass
6	15843.299	55.82	1.39	74.0	18.18	Peak	0.00	400	Vertical	Pass
6**	15843.299	46.84	1.39	54.0	7.16	AV	0.00	400	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	1623.200	38.57	-17.58	74.0	35.43	Peak	62.00	400	Horizontal	Pass
1**	1623.200	29.70	-17.58	54.0	24.30	AV	62.00	400	Horizontal	Pass
2	4283.800	49.42	-4.98	74.0	24.58	Peak	196.00	300	Horizontal	Pass
2**	4283.800	39.60	-4.98	54.0	14.40	AV	196.00	300	Horizontal	Pass
3	5578.800	109.05	-1.95	--	--	Peak	99.00	100	Horizontal	N/A
3**	5578.800	101.97	-1.95	--	--	AV	99.00	100	Horizontal	N/A
4	7305.612	50.31	-2.70	74.0	23.69	Peak	93.00	300	Horizontal	Pass
4**	7305.612	40.79	-2.70	54.0	13.21	AV	93.00	300	Horizontal	Pass
5	12323.350	53.26	1.42	74.0	20.74	Peak	131.00	200	Horizontal	Pass
5**	12323.350	44.15	1.42	54.0	9.85	AV	131.00	200	Horizontal	Pass
6	16089.525	55.71	1.44	74.0	18.29	Peak	245.00	400	Horizontal	Pass
6**	16089.525	46.56	1.44	54.0	7.44	AV	245.00	400	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	1494.700	42.57	-17.57	74.0	31.43	Peak	97.00	400	Vertical	Pass
1**	1494.700	30.54	-17.57	54.0	23.46	AV	97.00	400	Vertical	Pass
2	4391.600	49.69	-4.76	74.0	24.31	Peak	360.00	200	Vertical	Pass
2**	4391.600	40.66	-4.76	54.0	13.34	AV	360.00	200	Vertical	Pass
3	5579.400	103.62	-1.90	--	--	Peak	139.00	200	Vertical	N/A
3**	5579.400	97.57	-1.90	--	--	AV	139.00	200	Vertical	N/A
4	7513.763	49.63	-3.31	74.0	24.37	Peak	161.00	100	Vertical	Pass
4**	7513.763	39.54	-3.31	54.0	14.46	AV	161.00	100	Vertical	Pass
5	12611.713	53.11	1.89	74.0	20.89	Peak	14.00	200	Vertical	Pass
5**	12611.713	44.63	1.89	54.0	9.37	AV	14.00	200	Vertical	Pass
6	15862.988	56.78	0.86	74.0	17.22	Peak	117.00	200	Vertical	Pass
6**	15862.988	45.33	0.86	54.0	8.67	AV	117.00	200	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	1554.300	38.52	-17.33	74.0	35.48	Peak	280.00	400	Horizontal	Pass
1**	1554.300	29.41	-17.33	54.0	24.59	AV	280.00	400	Horizontal	Pass
2	4058.400	49.74	-4.88	74.0	24.26	Peak	313.00	100	Horizontal	Pass
2**	4058.400	39.81	-4.88	54.0	14.19	AV	313.00	100	Horizontal	Pass
3	5700.400	105.80	-1.49	--	--	Peak	98.00	100	Horizontal	N/A
3**	5700.400	97.94	-1.49	--	--	AV	98.00	100	Horizontal	N/A
4	7678.500	49.47	-2.53	74.0	24.53	Peak	41.00	300	Horizontal	Pass
4**	7678.500	40.01	-2.53	54.0	13.99	AV	41.00	300	Horizontal	Pass
5	12614.875	52.89	1.88	74.0	21.11	Peak	186.00	200	Horizontal	Pass
5**	12614.875	43.37	1.88	54.0	10.63	AV	186.00	200	Horizontal	Pass
6	16130.737	56.18	1.02	74.0	17.82	Peak	300.00	300	Horizontal	Pass
6**	16130.737	45.79	1.02	54.0	8.21	AV	300.00	300	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	1494.400	41.52	-17.61	74.0	32.48	Peak	105.00	400	Vertical	Pass
1**	1494.400	28.75	-17.61	54.0	25.25	AV	105.00	400	Vertical	Pass
2	4385.000	49.59	-4.66	74.0	24.41	Peak	268.00	400	Vertical	Pass
2**	4385.000	41.31	-4.66	54.0	12.69	AV	268.00	400	Vertical	Pass
3	5701.000	102.38	-1.49	--	--	Peak	133.00	150	Vertical	N/A
3**	5701.000	94.90	-1.49	--	--	AV	133.00	150	Vertical	N/A
4	7336.375	50.31	-3.26	74.0	23.69	Peak	0.00	400	Vertical	Pass
4**	7336.375	41.09	-3.26	54.0	12.91	AV	0.00	400	Vertical	Pass
5	12236.526	52.86	1.13	74.0	21.14	Peak	0.00	150	Vertical	Pass
5**	12236.526	43.71	1.13	54.0	10.29	AV	0.00	150	Vertical	Pass
6	15800.776	56.20	2.32	74.0	17.80	Peak	105.00	100	Vertical	Pass
6**	15800.776	46.84	2.32	54.0	7.16	AV	105.00	100	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	1448.400	38.43	-17.34	74.0	35.57	Peak	91.00	200	Horizontal	Pass
1**	1448.400	28.96	-17.34	54.0	25.04	AV	91.00	200	Horizontal	Pass
2	4263.200	49.79	-4.95	74.0	24.21	Peak	257.00	400	Horizontal	Pass
2**	4263.200	39.64	-4.95	54.0	14.36	AV	257.00	400	Horizontal	Pass
3	5507.800	105.43	-2.50	--	--	Peak	96.00	200	Horizontal	N/A
3**	5507.800	99.01	-2.50	--	--	AV	96.00	200	Horizontal	N/A
4	7694.025	49.69	-1.97	74.0	24.31	Peak	70.00	100	Horizontal	Pass
4**	7694.025	39.81	-1.97	54.0	14.19	AV	70.00	100	Horizontal	Pass
5	12395.225	52.78	1.60	74.0	21.22	Peak	87.00	200	Horizontal	Pass
5**	12395.225	43.62	1.60	54.0	10.38	AV	87.00	200	Horizontal	Pass
6	16128.375	55.68	0.95	74.0	18.32	Peak	100.00	400	Horizontal	Pass
6**	16128.375	46.11	0.95	54.0	7.89	AV	100.00	400	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	1494.000	40.28	-17.64	74.0	33.72	Peak	85.00	400	Vertical	Pass
1**	1494.000	29.21	-17.64	54.0	24.79	AV	85.00	400	Vertical	Pass
2	4383.800	50.16	-4.65	74.0	23.84	Peak	11.00	300	Vertical	Pass
2**	4383.800	39.94	-4.65	54.0	14.06	AV	11.00	300	Vertical	Pass
3	5507.600	101.07	-2.49	--	--	Peak	137.00	200	Vertical	N/A
3**	5507.600	92.84	-2.49	--	--	AV	137.00	200	Vertical	N/A
4	7390.425	49.41	-3.79	74.0	24.59	Peak	244.00	400	Vertical	Pass
4**	7390.425	39.91	-3.79	54.0	14.09	AV	244.00	400	Vertical	Pass
5	12275.338	53.48	1.63	74.0	20.52	Peak	0.00	150	Vertical	Pass
5**	12275.338	44.24	1.63	54.0	9.76	AV	0.00	150	Vertical	Pass
6	16179.037	55.50	1.47	74.0	18.50	Peak	227.00	100	Vertical	Pass
6**	16179.037	45.57	1.47	54.0	8.43	AV	227.00	100	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	1617.500	38.91	-17.74	74.0	35.09	Peak	303.00	300	Horizontal	Pass
1**	1617.500	28.37	-17.74	54.0	25.63	AV	303.00	300	Horizontal	Pass
2	4265.000	50.15	-4.95	74.0	23.85	Peak	85.00	200	Horizontal	Pass
2**	4265.000	40.21	-4.95	54.0	13.79	AV	85.00	200	Horizontal	Pass
3	5586.800	105.24	-1.76	--	--	Peak	85.00	200	Horizontal	N/A
3**	5586.800	98.05	-1.76	--	--	AV	85.00	200	Horizontal	N/A
4	7676.487	49.62	-2.40	74.0	24.38	Peak	4.00	400	Horizontal	Pass
4**	7676.487	40.78	-2.40	54.0	13.22	AV	4.00	400	Horizontal	Pass
5	11342.687	53.23	0.18	74.0	20.77	Peak	0.00	150	Horizontal	Pass
5**	11342.687	43.32	0.18	54.0	10.68	AV	0.00	150	Horizontal	Pass
6	15649.575	55.86	1.19	74.0	18.14	Peak	224.00	400	Horizontal	Pass
6**	15649.575	47.19	1.19	54.0	6.81	AV	224.00	400	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	1523.600	39.22	-17.33	74.0	34.78	Peak	158.00	300	Vertical	Pass
1**	1523.600	29.48	-17.33	54.0	24.52	AV	158.00	300	Vertical	Pass
2	4352.400	49.43	-3.62	74.0	24.57	Peak	80.00	300	Vertical	Pass
2**	4352.400	40.18	-3.62	54.0	13.82	AV	80.00	300	Vertical	Pass
3	5592.400	100.66	-2.03	--	--	Peak	133.00	150	Vertical	N/A
3**	5592.400	92.76	-2.03	--	--	AV	133.00	150	Vertical	N/A
4	7660.675	49.59	-2.30	74.0	24.41	Peak	287.00	200	Vertical	Pass
4**	7660.675	39.29	-2.30	54.0	14.71	AV	287.00	200	Vertical	Pass
5	12410.750	53.53	1.44	74.0	20.47	Peak	325.00	150	Vertical	Pass
5**	12410.750	43.38	1.44	54.0	10.62	AV	325.00	150	Vertical	Pass
6	15851.700	55.52	1.28	74.0	18.48	Peak	349.00	100	Vertical	Pass
6**	15851.700	45.96	1.28	54.0	8.04	AV	349.00	100	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	1502.400	38.28	-17.46	74.0	35.72	Peak	183.00	200	Horizontal	Pass
1**	1502.400	28.78	-17.46	54.0	25.22	AV	183.00	200	Horizontal	Pass
2	4351.000	49.54	-3.66	74.0	24.46	Peak	36.00	200	Horizontal	Pass
2**	4351.000	41.03	-3.66	54.0	12.97	AV	36.00	200	Horizontal	Pass
3	5671.600	103.03	-2.15	--	--	Peak	96.00	100	Horizontal	N/A
3**	5671.600	96.43	-2.15	--	--	AV	96.00	100	Horizontal	N/A
4	7335.513	49.53	-3.23	74.0	24.47	Peak	104.00	300	Horizontal	Pass
4**	7335.513	41.05	-3.23	54.0	12.95	AV	104.00	300	Horizontal	Pass
5	11922.000	52.77	1.50	74.0	21.23	Peak	338.00	200	Horizontal	Pass
5**	11922.000	43.91	1.50	54.0	10.09	AV	338.00	200	Horizontal	Pass
6	16008.937	55.91	0.42	74.0	18.09	Peak	109.00	200	Horizontal	Pass
6**	16008.937	45.61	0.42	54.0	8.39	AV	109.00	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	1568.600	38.84	-17.47	74.0	35.16	Peak	270.00	300	Vertical	Pass
1**	1568.600	28.83	-17.47	54.0	25.17	AV	270.00	300	Vertical	Pass
2	4369.000	49.34	-4.60	74.0	24.66	Peak	265.00	200	Vertical	Pass
2**	4369.000	40.33	-4.60	54.0	13.67	AV	265.00	200	Vertical	Pass
3	5672.600	99.55	-2.11	--	--	Peak	139.00	200	Vertical	N/A
3**	5672.600	93.01	-2.11	--	--	AV	139.00	200	Vertical	N/A
4	7682.812	49.35	-2.35	74.0	24.65	Peak	185.00	200	Vertical	Pass
4**	7682.812	40.07	-2.35	54.0	13.93	AV	185.00	200	Vertical	Pass
5	12328.237	53.57	1.42	74.0	20.43	Peak	146.00	100	Vertical	Pass
5**	12328.237	43.75	1.42	54.0	10.25	AV	146.00	100	Vertical	Pass
6	16029.938	56.56	0.71	74.0	17.44	Peak	0.00	200	Vertical	Pass
6**	16029.938	46.16	0.71	54.0	7.84	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.400	38.71	-17.45	74.0	35.29	Peak	19.00	100	Horizontal	Pass
1**	1521.400	29.72	-17.45	54.0	24.28	AV	19.00	100	Horizontal	Pass
2	4351.800	49.79	-3.61	74.0	24.21	Peak	202.00	200	Horizontal	Pass
2**	4351.800	41.15	-3.61	54.0	12.85	AV	202.00	200	Horizontal	Pass
3	5501.000	111.34	-2.33	--	--	Peak	100.00	150	Horizontal	N/A
3**	5501.000	103.66	-2.33	--	--	AV	100.00	150	Horizontal	N/A
4	7345.575	49.27	-3.36	74.0	24.73	Peak	360.00	400	Horizontal	Pass
4**	7345.575	41.82	-3.36	54.0	12.18	AV	360.00	400	Horizontal	Pass
5	12401.263	53.14	1.55	74.0	20.86	Peak	159.00	100	Horizontal	Pass
5**	12401.263	44.09	1.55	54.0	9.91	AV	159.00	100	Horizontal	Pass
6	16037.550	55.61	0.78	74.0	18.39	Peak	360.00	300	Horizontal	Pass
6**	16037.550	46.18	0.78	54.0	7.82	AV	360.00	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	1497.900	40.10	-17.52	74.0	33.90	Peak	84.00	100	Vertical	Pass
1**	1497.900	32.74	-17.52	54.0	21.26	AV	84.00	100	Vertical	Pass
2	4349.400	49.74	-3.78	74.0	24.26	Peak	114.00	200	Vertical	Pass
2**	4349.400	40.49	-3.78	54.0	13.51	AV	114.00	200	Vertical	Pass
3	5500.600	105.42	-2.32	--	--	Peak	154.00	200	Vertical	N/A
3**	5500.600	98.30	-2.32	--	--	AV	154.00	200	Vertical	N/A
4	7348.450	49.58	-3.15	74.0	24.42	Peak	150.00	200	Vertical	Pass
4**	7348.450	40.97	-3.15	54.0	13.03	AV	150.00	200	Vertical	Pass
5	11342.975	53.17	0.18	74.0	20.83	Peak	192.00	150	Vertical	Pass
5**	11342.975	43.57	0.18	54.0	10.43	AV	192.00	150	Vertical	Pass
6	15498.375	56.01	1.12	74.0	17.99	Peak	152.00	200	Vertical	Pass
6**	15498.375	47.10	1.12	54.0	6.90	AV	152.00	200	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	1493.400	38.70	-17.60	74.0	35.30	Peak	251.00	300	Horizontal	Pass
1**	1493.400	29.92	-17.60	54.0	24.08	AV	251.00	300	Horizontal	Pass
2	4379.200	49.44	-4.52	74.0	24.56	Peak	147.00	100	Horizontal	Pass
2**	4379.200	40.24	-4.52	54.0	13.76	AV	147.00	100	Horizontal	Pass
3	5579.000	110.03	-1.93	--	--	Peak	86.00	100	Horizontal	N/A
3**	5579.000	101.86	-1.93	--	--	AV	86.00	100	Horizontal	N/A
4	7347.013	49.96	-3.29	74.0	24.04	Peak	11.00	100	Horizontal	Pass
4**	7347.013	40.66	-3.29	54.0	13.34	AV	11.00	100	Horizontal	Pass
5	12340.025	52.96	1.29	74.0	21.04	Peak	11.00	150	Horizontal	Pass
5**	12340.025	43.65	1.29	54.0	10.35	AV	11.00	150	Horizontal	Pass
6	16111.313	55.74	0.74	74.0	18.26	Peak	153.00	300	Horizontal	Pass
6**	16111.313	46.24	0.74	54.0	7.76	AV	153.00	300	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	1621.000	39.12	-17.65	74.0	34.88	Peak	34.00	200	Vertical	Pass
1**	1621.000	29.62	-17.65	54.0	24.38	AV	34.00	200	Vertical	Pass
2	4365.000	50.67	-4.31	74.0	23.33	Peak	181.00	100	Vertical	Pass
2**	4365.000	41.34	-4.31	54.0	12.66	AV	181.00	100	Vertical	Pass
3	5578.800	106.15	-1.95	--	--	Peak	134.00	150	Vertical	N/A
3**	5578.800	100.15	-1.95	--	--	AV	134.00	150	Vertical	N/A
4	7349.025	49.46	-3.21	74.0	24.54	Peak	322.00	200	Vertical	Pass
4**	7349.025	40.42	-3.21	54.0	13.58	AV	322.00	200	Vertical	Pass
5	12317.600	53.46	1.41	74.0	20.54	Peak	360.00	150	Vertical	Pass
5**	12317.600	43.66	1.41	54.0	10.34	AV	360.00	150	Vertical	Pass
6	16035.188	56.32	0.76	74.0	17.68	Peak	360.00	300	Vertical	Pass
6**	16035.188	45.79	0.76	54.0	8.21	AV	360.00	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	1609.700	38.50	-17.70	74.0	35.50	Peak	288.00	100	Horizontal	Pass
1**	1609.700	29.96	-17.70	54.0	24.04	AV	288.00	100	Horizontal	Pass
2	4372.200	50.05	-4.38	74.0	23.95	Peak	360.00	100	Horizontal	Pass
2**	4372.200	40.22	-4.38	54.0	13.78	AV	360.00	100	Horizontal	Pass
3	5701.600	105.24	-1.49	--	--	Peak	96.00	200	Horizontal	N/A
3**	5701.600	97.79	-1.49	--	--	AV	96.00	200	Horizontal	N/A
4	7443.038	49.17	-3.88	74.0	24.83	Peak	170.00	200	Horizontal	Pass
4**	7443.038	39.63	-3.88	54.0	14.37	AV	170.00	200	Horizontal	Pass
5	12371.937	53.21	1.30	74.0	20.79	Peak	136.00	150	Horizontal	Pass
5**	12371.937	43.82	1.30	54.0	10.18	AV	136.00	150	Horizontal	Pass
6	15522.000	55.53	1.38	74.0	18.47	Peak	199.00	400	Horizontal	Pass
6**	15522.000	46.00	1.38	54.0	8.00	AV	199.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.700	40.50	-17.50	74.0	33.50	Peak	91.00	200	Vertical	Pass
1**	1499.700	33.05	-17.50	54.0	20.95	AV	91.00	200	Vertical	Pass
2	4371.800	49.41	-4.28	74.0	24.59	Peak	191.00	400	Vertical	Pass
2**	4371.800	41.19	-4.28	54.0	12.81	AV	191.00	400	Vertical	Pass
3	5699.000	102.15	-1.48	--	--	Peak	130.00	100	Vertical	N/A
3**	5699.000	94.90	-1.48	--	--	AV	130.00	100	Vertical	N/A
4	7686.550	50.12	-2.22	74.0	23.88	Peak	214.00	300	Vertical	Pass
4**	7686.550	40.77	-2.22	54.0	13.23	AV	214.00	300	Vertical	Pass
5	12287.412	53.51	1.72	74.0	20.49	Peak	269.00	150	Vertical	Pass
5**	12287.412	44.17	1.72	54.0	9.83	AV	269.00	150	Vertical	Pass
6	15851.437	55.57	1.29	74.0	18.43	Peak	304.00	400	Vertical	Pass
6**	15851.437	46.50	1.29	54.0	7.50	AV	304.00	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	1597.200	38.68	-17.81	74.0	35.32	Peak	68.00	200	Horizontal	Pass
1**	1597.200	28.63	-17.81	54.0	25.37	AV	68.00	200	Horizontal	Pass
2	4358.000	49.47	-4.17	74.0	24.53	Peak	151.00	400	Horizontal	Pass
2**	4358.000	40.23	-4.17	54.0	13.77	AV	151.00	400	Horizontal	Pass
3	5507.800	105.43	-2.50	--	--	Peak	92.00	150	Horizontal	N/A
3**	5507.800	98.00	-2.50	--	--	AV	92.00	150	Horizontal	N/A
4	7351.325	49.78	-3.45	74.0	24.22	Peak	36.00	300	Horizontal	Pass
4**	7351.325	40.15	-3.45	54.0	13.85	AV	36.00	300	Horizontal	Pass
5	10935.588	52.89	-0.02	74.0	21.11	Peak	36.00	100	Horizontal	Pass
5**	10935.588	42.72	-0.02	54.0	11.28	AV	36.00	100	Horizontal	Pass
6	15808.125	55.59	2.20	74.0	18.41	Peak	187.00	400	Horizontal	Pass
6**	15808.125	47.04	2.20	54.0	6.96	AV	187.00	400	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	1494.800	39.73	-17.55	74.0	34.27	Peak	269.00	300	Vertical	Pass
1**	1494.800	31.31	-17.55	54.0	22.69	AV	269.00	300	Vertical	Pass
2	4280.000	49.24	-4.54	74.0	24.76	Peak	319.00	200	Vertical	Pass
2**	4280.000	40.17	-4.54	54.0	13.83	AV	319.00	200	Vertical	Pass
3	5512.400	99.64	-2.56	--	--	Peak	147.00	100	Vertical	N/A
3**	5512.400	92.23	-2.56	--	--	AV	147.00	100	Vertical	N/A
4	7346.438	49.91	-3.36	74.0	24.09	Peak	80.00	300	Vertical	Pass
4**	7346.438	41.53	-3.36	54.0	12.47	AV	80.00	300	Vertical	Pass
5	12044.188	53.00	0.90	74.0	21.00	Peak	0.00	200	Vertical	Pass
5**	12044.188	43.33	0.90	54.0	10.67	AV	0.00	200	Vertical	Pass
6	15534.338	55.85	0.83	74.0	18.15	Peak	290.00	300	Vertical	Pass
6**	15534.338	44.94	0.83	54.0	9.06	AV	290.00	300	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	1519.200	38.51	-17.61	74.0	35.49	Peak	207.00	200	Horizontal	Pass
1**	1519.200	28.44	-17.61	54.0	25.56	AV	207.00	200	Horizontal	Pass
2	4216.800	49.57	-5.01	74.0	24.43	Peak	162.00	400	Horizontal	Pass
2**	4216.800	40.05	-5.01	54.0	13.95	AV	162.00	400	Horizontal	Pass
3	5592.400	106.57	-2.03	--	--	Peak	88.00	200	Horizontal	N/A
3**	5592.400	98.93	-2.03	--	--	AV	88.00	200	Horizontal	N/A
4	7514.913	49.41	-3.24	74.0	24.59	Peak	208.00	400	Horizontal	Pass
4**	7514.913	40.42	-3.24	54.0	13.58	AV	208.00	400	Horizontal	Pass
5	11219.925	53.57	-0.21	74.0	20.43	Peak	228.00	150	Horizontal	Pass
5**	11219.925	43.08	-0.21	54.0	10.92	AV	228.00	150	Horizontal	Pass
6	15827.550	55.71	1.57	74.0	18.29	Peak	108.00	100	Horizontal	Pass
6**	15827.550	46.18	1.57	54.0	7.82	AV	108.00	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	1545.900	50.32	-17.34	74.0	23.68	Peak	221.00	400	Vertical	Pass
1**	1545.900	29.34	-17.34	54.0	24.66	AV	221.00	400	Vertical	Pass
2	4244.600	49.99	-4.91	74.0	24.01	Peak	35.00	200	Vertical	Pass
2**	4244.600	39.54	-4.91	54.0	14.46	AV	35.00	200	Vertical	Pass
3	5587.800	101.86	-1.89	--	--	Peak	134.00	100	Vertical	N/A
3**	5587.800	94.00	-1.89	--	--	AV	134.00	100	Vertical	N/A
4	7335.513	49.44	-3.23	74.0	24.56	Peak	305.00	100	Vertical	Pass
4**	7335.513	40.91	-3.23	54.0	13.09	AV	305.00	100	Vertical	Pass
5	12308.400	53.30	1.38	74.0	20.70	Peak	325.00	100	Vertical	Pass
5**	12308.400	43.15	1.38	54.0	10.85	AV	325.00	100	Vertical	Pass
6	15807.337	55.72	2.22	74.0	18.28	Peak	65.00	400	Vertical	Pass
6**	15807.337	46.08	2.22	54.0	7.92	AV	65.00	400	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	1496.000	38.72	-17.39	74.0	35.28	Peak	329.00	400	Horizontal	Pass
1**	1496.000	28.85	-17.39	54.0	25.15	AV	329.00	400	Horizontal	Pass
2	4397.800	49.67	-4.88	74.0	24.33	Peak	174.00	400	Horizontal	Pass
2**	4397.800	40.58	-4.88	54.0	13.42	AV	174.00	400	Horizontal	Pass
3	5668.000	103.91	-2.23	--	--	Peak	68.00	150	Horizontal	N/A
3**	5668.000	95.92	-2.23	--	--	AV	68.00	150	Horizontal	N/A
4	7674.475	49.94	-2.36	74.0	24.06	Peak	0.00	400	Horizontal	Pass
4**	7674.475	40.42	-2.36	54.0	13.58	AV	0.00	400	Horizontal	Pass
5	12319.612	52.83	1.42	74.0	21.17	Peak	176.00	150	Horizontal	Pass
5**	12319.612	44.02	1.42	54.0	9.98	AV	176.00	150	Horizontal	Pass
6	15570.825	55.76	1.41	74.0	18.24	Peak	209.00	200	Horizontal	Pass
6**	15570.825	46.57	1.41	54.0	7.43	AV	209.00	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	1496.600	39.86	-17.39	74.0	34.14	Peak	102.00	300	Vertical	Pass
1**	1496.600	29.59	-17.39	54.0	24.41	AV	102.00	300	Vertical	Pass
2	4368.400	49.57	-4.48	74.0	24.43	Peak	196.00	200	Vertical	Pass
2**	4368.400	40.29	-4.48	54.0	13.71	AV	196.00	200	Vertical	Pass
3	5667.200	99.65	-2.23	--	--	Peak	138.00	100	Vertical	N/A
3**	5667.200	93.04	-2.23	--	--	AV	138.00	100	Vertical	N/A
4	7325.450	50.01	-3.69	74.0	23.99	Peak	247.00	300	Vertical	Pass
4**	7325.450	40.39	-3.69	54.0	13.61	AV	247.00	300	Vertical	Pass
5	12107.725	53.00	0.58	74.0	21.00	Peak	346.00	200	Vertical	Pass
5**	12107.725	43.24	0.58	54.0	10.76	AV	346.00	200	Vertical	Pass
6	15673.987	55.61	1.51	74.0	18.39	Peak	76.00	200	Vertical	Pass
6**	15673.987	46.54	1.51	54.0	7.46	AV	76.00	200	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	1617.600	38.76	-17.73	74.0	35.24	Peak	91.00	300	Horizontal	Pass
1**	1617.600	28.33	-17.73	54.0	25.67	AV	91.00	300	Horizontal	Pass
2	4366.200	49.78	-4.24	74.0	24.22	Peak	250.00	200	Horizontal	Pass
2**	4366.200	40.24	-4.24	54.0	13.76	AV	250.00	200	Horizontal	Pass
3	5535.400	98.04	-1.46	--	--	Peak	87.00	200	Horizontal	N/A
3**	5535.400	90.81	-1.46	--	--	AV	87.00	200	Horizontal	N/A
4	7338.100	50.18	-3.34	74.0	23.82	Peak	223.00	400	Horizontal	Pass
4**	7338.100	41.01	-3.34	54.0	12.99	AV	223.00	400	Horizontal	Pass
5	12277.925	52.86	1.73	74.0	21.14	Peak	0.00	200	Horizontal	Pass
5**	12277.925	43.77	1.73	54.0	10.23	AV	0.00	200	Horizontal	Pass
6	15798.412	55.93	2.28	74.0	18.07	Peak	70.00	200	Horizontal	Pass
6**	15798.412	46.65	2.28	54.0	7.35	AV	70.00	200	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	1526.200	39.01	-17.44	74.0	34.99	Peak	71.00	400	Vertical	Pass
1**	1526.200	28.70	-17.44	54.0	25.30	AV	71.00	400	Vertical	Pass
2	4349.800	49.37	-3.74	74.0	24.63	Peak	119.00	400	Vertical	Pass
2**	4349.800	40.35	-3.74	54.0	13.65	AV	119.00	400	Vertical	Pass
3	5534.200	94.10	-1.61	--	--	Peak	141.00	100	Vertical	N/A
3**	5534.200	86.20	-1.61	--	--	AV	141.00	100	Vertical	N/A
4	7691.150	49.94	-1.91	74.0	24.06	Peak	85.00	300	Vertical	Pass
4**	7691.150	40.66	-1.91	54.0	13.34	AV	85.00	300	Vertical	Pass
5	12288.275	53.52	1.70	74.0	20.48	Peak	85.00	100	Vertical	Pass
5**	12288.275	44.58	1.70	54.0	9.42	AV	85.00	100	Vertical	Pass
6	16039.650	55.71	0.80	74.0	18.29	Peak	54.00	300	Vertical	Pass
6**	16039.650	45.74	0.80	54.0	8.26	AV	54.00	300	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	1552.700	38.82	-17.37	74.0	35.18	Peak	150.00	400	Horizontal	Pass
1**	1552.700	29.08	-17.37	54.0	24.92	AV	150.00	400	Horizontal	Pass
2	4361.000	49.76	-4.24	74.0	24.24	Peak	44.00	100	Horizontal	Pass
2**	4361.000	40.30	-4.24	54.0	13.70	AV	44.00	100	Horizontal	Pass
3	5615.800	102.14	-2.25	--	--	Peak	79.00	100	Horizontal	N/A
3**	5615.800	94.65	-2.25	--	--	AV	79.00	100	Horizontal	N/A
4	7348.163	50.50	-3.15	74.0	23.50	Peak	310.00	100	Horizontal	Pass
4**	7348.163	40.90	-3.15	54.0	13.10	AV	310.00	100	Horizontal	Pass
5	11341.537	52.90	0.22	74.0	21.10	Peak	6.00	150	Horizontal	Pass
5**	11341.537	43.25	0.22	54.0	10.75	AV	6.00	150	Horizontal	Pass
6	15848.025	55.69	1.35	74.0	18.31	Peak	80.00	300	Horizontal	Pass
6**	15848.025	46.30	1.35	54.0	7.70	AV	80.00	300	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	1494.500	40.79	-17.59	74.0	33.21	Peak	99.00	100	Vertical	Pass
1**	1494.500	33.23	-17.59	54.0	20.77	AV	99.00	100	Vertical	Pass
2	4271.600	49.56	-4.40	74.0	24.44	Peak	95.00	200	Vertical	Pass
2**	4271.600	40.04	-4.40	54.0	13.96	AV	95.00	200	Vertical	Pass
3	5604.600	98.69	-2.40	--	--	Peak	137.00	150	Vertical	N/A
3**	5604.600	90.42	-2.40	--	--	AV	137.00	150	Vertical	N/A
4	7295.263	49.03	-3.03	74.0	24.97	Peak	78.00	200	Vertical	Pass
4**	7295.263	40.39	-3.03	54.0	13.61	AV	78.00	200	Vertical	Pass
5	12274.763	54.36	1.61	74.0	19.64	Peak	249.00	150	Vertical	Pass
5**	12274.763	43.62	1.61	54.0	10.38	AV	249.00	150	Vertical	Pass
6	15485.513	55.67	0.90	74.0	18.33	Peak	127.00	100	Vertical	Pass
6**	15485.513	45.74	0.90	54.0	8.26	AV	127.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.700	38.65	-17.65	74.0	35.35	Peak	182.00	400	Horizontal	Pass
1**	1586.700	29.05	-17.65	54.0	24.95	AV	182.00	400	Horizontal	Pass
2	4367.800	49.54	-4.35	74.0	24.46	Peak	31.00	400	Horizontal	Pass
2**	4367.800	40.25	-4.35	54.0	13.75	AV	31.00	400	Horizontal	Pass
3	5745.800	108.94	-2.24	--	--	Peak	79.00	100	Horizontal	N/A
3**	5745.800	102.14	-2.24	--	--	AV	79.00	100	Horizontal	N/A
4	7682.525	49.42	-2.35	74.0	24.58	Peak	346.00	200	Horizontal	Pass
4**	7682.525	39.69	-2.35	54.0	14.31	AV	346.00	200	Horizontal	Pass
5	12312.424	53.49	1.39	74.0	20.51	Peak	202.00	150	Horizontal	Pass
5**	12312.424	45.36	1.39	54.0	8.64	AV	202.00	150	Horizontal	Pass
6	15822.300	55.80	1.77	74.0	18.20	Peak	57.00	400	Horizontal	Pass
6**	15822.300	46.50	1.77	54.0	7.50	AV	57.00	400	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	1495.800	39.89	-17.42	74.0	34.11	Peak	88.00	100	Vertical	Pass
1**	1495.800	29.18	-17.42	54.0	24.82	AV	88.00	100	Vertical	Pass
2	4161.600	49.86	-5.05	74.0	24.14	Peak	122.00	200	Vertical	Pass
2**	4161.600	39.21	-5.05	54.0	14.79	AV	122.00	200	Vertical	Pass
3	5745.800	104.26	-2.24	--	--	Peak	145.00	200	Vertical	N/A
3**	5745.800	97.41	-2.24	--	--	AV	145.00	200	Vertical	N/A
4	7446.775	49.17	-3.77	74.0	24.83	Peak	330.00	400	Vertical	Pass
4**	7446.775	39.54	-3.77	54.0	14.46	AV	330.00	400	Vertical	Pass
5	11627.312	53.44	-0.16	74.0	20.56	Peak	136.00	150	Vertical	Pass
5**	11627.312	44.72	-0.16	54.0	9.28	AV	136.00	150	Vertical	Pass
6	15402.563	56.00	0.79	74.0	18.00	Peak	39.00	100	Vertical	Pass
6**	15402.563	45.98	0.79	54.0	8.02	AV	39.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.400	38.51	-17.45	74.0	35.49	Peak	24.00	200	Horizontal	Pass
1**	1521.400	29.16	-17.45	54.0	24.84	AV	24.00	200	Horizontal	Pass
2	4352.200	49.61	-3.59	74.0	24.39	Peak	54.00	400	Horizontal	Pass
2**	4352.200	40.24	-3.59	54.0	13.76	AV	54.00	400	Horizontal	Pass
3	5745.800	109.83	-2.24	--	--	Peak	77.00	100	Horizontal	N/A
3**	5745.800	102.76	-2.24	--	--	AV	77.00	100	Horizontal	N/A
4	7714.438	49.50	-2.56	74.0	24.50	Peak	346.00	400	Horizontal	Pass
4**	7714.438	39.73	-2.56	54.0	14.27	AV	346.00	400	Horizontal	Pass
5	12065.463	53.07	0.88	74.0	20.93	Peak	275.00	150	Horizontal	Pass
5**	12065.463	43.48	0.88	54.0	10.52	AV	275.00	150	Horizontal	Pass
6	15863.250	55.45	0.85	74.0	18.55	Peak	324.00	300	Horizontal	Pass
6**	15863.250	46.62	0.85	54.0	7.38	AV	324.00	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	1499.700	40.55	-17.50	74.0	33.45	Peak	88.00	100	Vertical	Pass
1**	1499.700	28.89	-17.50	54.0	25.11	AV	88.00	100	Vertical	Pass
2	4378.400	49.48	-4.56	74.0	24.52	Peak	272.00	100	Vertical	Pass
2**	4378.400	40.97	-4.56	54.0	13.03	AV	272.00	100	Vertical	Pass
3	5746.400	104.81	-2.21	--	--	Peak	136.00	200	Vertical	N/A
3**	5746.400	97.03	-2.21	--	--	AV	136.00	200	Vertical	N/A
4	7335.513	49.73	-3.23	74.0	24.27	Peak	42.00	300	Vertical	Pass
4**	7335.513	41.44	-3.23	54.0	12.56	AV	42.00	300	Vertical	Pass
5	12556.800	53.70	1.62	74.0	20.30	Peak	125.00	100	Vertical	Pass
5**	12556.800	43.53	1.62	54.0	10.47	AV	125.00	100	Vertical	Pass
6	15844.612	56.36	1.37	74.0	17.64	Peak	360.00	100	Vertical	Pass
6**	15844.612	46.54	1.37	54.0	7.46	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.200	38.76	-17.54	74.0	35.24	Peak	26.00	100	Horizontal	Pass
1**	1585.200	29.03	-17.54	54.0	24.97	AV	26.00	100	Horizontal	Pass
2	4366.800	50.58	-4.21	74.0	23.42	Peak	261.00	300	Horizontal	Pass
2**	4366.800	40.34	-4.21	54.0	13.66	AV	261.00	300	Horizontal	Pass
3	5826.000	108.24	-2.27	--	--	Peak	75.00	100	Horizontal	N/A
3**	5826.000	101.27	-2.27	--	--	AV	75.00	100	Horizontal	N/A
4	7347.013	48.96	-3.29	74.0	25.04	Peak	7.00	200	Horizontal	Pass
4**	7347.013	40.79	-3.29	54.0	13.21	AV	7.00	200	Horizontal	Pass
5	12295.175	53.47	1.57	74.0	20.53	Peak	188.00	100	Horizontal	Pass
5**	12295.175	43.78	1.57	54.0	10.22	AV	188.00	100	Horizontal	Pass
6	15804.713	55.90	2.27	74.0	18.10	Peak	60.00	300	Horizontal	Pass
6**	15804.713	45.91	2.27	54.0	8.09	AV	60.00	300	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	1559.300	39.64	-17.47	74.0	34.36	Peak	112.00	100	Vertical	Pass
1**	1559.300	29.38	-17.47	54.0	24.62	AV	112.00	100	Vertical	Pass
2	4349.000	49.51	-3.81	74.0	24.49	Peak	118.00	200	Vertical	Pass
2**	4349.000	40.20	-3.81	54.0	13.80	AV	118.00	200	Vertical	Pass
3	5826.200	103.99	-2.28	--	--	Peak	140.00	150	Vertical	N/A
3**	5826.200	96.43	-2.28	--	--	AV	140.00	150	Vertical	N/A
4	7315.962	49.76	-3.16	74.0	24.24	Peak	134.00	300	Vertical	Pass
4**	7315.962	39.61	-3.16	54.0	14.39	AV	134.00	300	Vertical	Pass
5	12366.188	53.91	1.22	74.0	20.09	Peak	292.00	150	Vertical	Pass
5**	12366.188	43.95	1.22	54.0	10.05	AV	292.00	150	Vertical	Pass
6	15857.475	56.14	1.06	74.0	17.86	Peak	63.00	200	Vertical	Pass
6**	15857.475	46.71	1.06	54.0	7.29	AV	63.00	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	1553.700	38.63	-17.31	74.0	35.37	Peak	22.00	200	Horizontal	Pass
1**	1553.700	29.28	-17.31	54.0	24.72	AV	22.00	200	Horizontal	Pass
2	4352.400	49.30	-3.62	74.0	24.70	Peak	185.00	200	Horizontal	Pass
2**	4352.400	40.80	-3.62	54.0	13.20	AV	185.00	200	Horizontal	Pass
3	5744.200	107.42	-2.19	--	--	Peak	80.00	150	Horizontal	N/A
3**	5744.200	101.11	-2.19	--	--	AV	80.00	150	Horizontal	N/A
4	7336.088	49.21	-3.25	74.0	24.79	Peak	57.00	300	Horizontal	Pass
4**	7336.088	40.80	-3.25	54.0	13.20	AV	57.00	300	Horizontal	Pass
5	12414.200	53.35	1.42	74.0	20.65	Peak	98.00	200	Horizontal	Pass
5**	12414.200	43.14	1.42	54.0	10.86	AV	98.00	200	Horizontal	Pass
6	15680.026	55.93	1.58	74.0	18.07	Peak	66.00	100	Horizontal	Pass
6**	15680.026	45.91	1.58	54.0	8.09	AV	66.00	100	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	1573.800	39.32	-17.59	74.0	34.68	Peak	121.00	100	Vertical	Pass
1**	1573.800	29.64	-17.59	54.0	24.36	AV	121.00	100	Vertical	Pass
2	4279.800	49.79	-4.52	74.0	24.21	Peak	0.00	200	Vertical	Pass
2**	4279.800	39.83	-4.52	54.0	14.17	AV	0.00	200	Vertical	Pass
3	5744.000	102.96	-2.19	--	--	Peak	136.00	150	Vertical	N/A
3**	5744.000	96.20	-2.19	--	--	AV	136.00	150	Vertical	N/A
4	7671.600	49.98	-2.24	74.0	24.02	Peak	77.00	100	Vertical	Pass
4**	7671.600	41.43	-2.24	54.0	12.57	AV	77.00	100	Vertical	Pass
5	12375.388	53.95	1.36	74.0	20.05	Peak	185.00	200	Vertical	Pass
5**	12375.388	43.16	1.36	54.0	10.84	AV	185.00	200	Vertical	Pass
6	16081.651	56.05	1.60	74.0	17.95	Peak	360.00	200	Vertical	Pass
6**	16081.651	46.62	1.60	54.0	7.38	AV	360.00	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	1499.000	38.82	-17.54	74.0	35.18	Peak	351.00	100	Horizontal	Pass
1**	1499.000	28.41	-17.54	54.0	25.59	AV	351.00	100	Horizontal	Pass
2	4354.000	49.69	-3.79	74.0	24.31	Peak	267.00	300	Horizontal	Pass
2**	4354.000	40.49	-3.79	54.0	13.51	AV	267.00	300	Horizontal	Pass
3	5785.600	107.44	-2.22	--	--	Peak	82.00	150	Horizontal	N/A
3**	5785.600	99.92	-2.22	--	--	AV	82.00	150	Horizontal	N/A
4	7670.162	49.64	-2.32	74.0	24.36	Peak	37.00	300	Horizontal	Pass
4**	7670.162	39.75	-2.32	54.0	14.25	AV	37.00	300	Horizontal	Pass
5	12272.750	52.91	1.54	74.0	21.09	Peak	1.00	100	Horizontal	Pass
5**	12272.750	43.54	1.54	54.0	10.46	AV	1.00	100	Horizontal	Pass
6	15799.463	56.27	2.32	74.0	17.73	Peak	292.00	200	Horizontal	Pass
6**	15799.463	46.86	2.32	54.0	7.14	AV	292.00	200	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	1498.700	40.85	-17.55	74.0	33.15	Peak	101.00	100	Vertical	Pass
1**	1498.700	28.88	-17.55	54.0	25.12	AV	101.00	100	Vertical	Pass
2	4366.600	49.81	-4.22	74.0	24.19	Peak	159.00	200	Vertical	Pass
2**	4366.600	40.92	-4.22	54.0	13.08	AV	159.00	200	Vertical	Pass
3	5786.200	101.98	-2.27	--	--	Peak	116.00	150	Vertical	N/A
3**	5786.200	94.78	-2.27	--	--	AV	116.00	150	Vertical	N/A
4	7336.088	49.32	-3.25	74.0	24.68	Peak	60.00	200	Vertical	Pass
4**	7336.088	40.20	-3.25	54.0	13.80	AV	60.00	200	Vertical	Pass
5	12289.424	52.90	1.68	74.0	21.10	Peak	0.00	100	Vertical	Pass
5**	12289.424	44.13	1.68	54.0	9.87	AV	0.00	100	Vertical	Pass
6	15811.276	55.76	2.14	74.0	18.24	Peak	320.00	100	Vertical	Pass
6**	15811.276	46.24	2.14	54.0	7.76	AV	320.00	100	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	1467.400	38.46	-17.52	74.0	35.54	Peak	360.00	300	Horizontal	Pass
1**	1467.400	28.35	-17.52	54.0	25.65	AV	360.00	300	Horizontal	Pass
2	4368.600	49.63	-4.52	74.0	24.37	Peak	356.00	100	Horizontal	Pass
2**	4368.600	39.87	-4.52	54.0	14.13	AV	356.00	100	Horizontal	Pass
3	5784.200	107.39	-2.10	--	--	Peak	87.00	150	Horizontal	N/A
3**	5784.200	100.32	-2.10	--	--	AV	87.00	150	Horizontal	N/A
4	7682.237	49.70	-2.35	74.0	24.30	Peak	14.00	200	Horizontal	Pass
4**	7682.237	40.20	-2.35	54.0	13.80	AV	14.00	200	Horizontal	Pass
5	12386.600	54.13	1.54	74.0	19.87	Peak	14.00	100	Horizontal	Pass
5**	12386.600	42.59	1.54	54.0	11.41	AV	14.00	100	Horizontal	Pass
6	15842.513	56.15	1.41	74.0	17.85	Peak	293.00	100	Horizontal	Pass
6**	15842.513	46.36	1.41	54.0	7.64	AV	293.00	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	1496.000	40.61	-17.39	74.0	33.39	Peak	98.00	100	Vertical	Pass
1**	1496.000	29.91	-17.39	54.0	24.09	AV	98.00	100	Vertical	Pass
2	4346.600	49.71	-4.02	74.0	24.29	Peak	145.00	400	Vertical	Pass
2**	4346.600	40.77	-4.02	54.0	13.23	AV	145.00	400	Vertical	Pass
3	5786.200	101.77	-2.27	--	--	Peak	113.00	100	Vertical	N/A
3**	5786.200	95.90	-2.27	--	--	AV	113.00	100	Vertical	N/A
4	7691.438	50.24	-1.93	74.0	23.76	Peak	245.00	300	Vertical	Pass
4**	7691.438	39.96	-1.93	54.0	14.04	AV	245.00	300	Vertical	Pass
5	12400.113	52.70	1.57	74.0	21.30	Peak	329.00	200	Vertical	Pass
5**	12400.113	43.43	1.57	54.0	10.57	AV	329.00	200	Vertical	Pass
6	15672.412	55.71	1.48	74.0	18.29	Peak	121.00	300	Vertical	Pass
6**	15672.412	46.72	1.48	54.0	7.28	AV	121.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.000	38.66	-17.52	74.0	35.34	Peak	324.00	400	Horizontal	Pass
1**	1492.000	29.07	-17.52	54.0	24.93	AV	324.00	400	Horizontal	Pass
2	4150.600	49.67	-5.10	74.0	24.33	Peak	141.00	200	Horizontal	Pass
2**	4150.600	39.76	-5.10	54.0	14.24	AV	141.00	200	Horizontal	Pass
3	5757.400	104.46	-2.00	--	--	Peak	60.00	150	Horizontal	N/A
3**	5757.400	96.63	-2.00	--	--	AV	60.00	150	Horizontal	N/A
4	7344.712	49.46	-3.31	74.0	24.54	Peak	34.00	400	Horizontal	Pass
4**	7344.712	40.99	-3.31	54.0	13.01	AV	34.00	400	Horizontal	Pass
5	12435.474	53.32	1.71	74.0	20.68	Peak	303.00	200	Horizontal	Pass
5**	12435.474	44.18	1.71	54.0	9.82	AV	303.00	200	Horizontal	Pass
6	16016.026	55.62	0.49	74.0	18.38	Peak	31.00	200	Horizontal	Pass
6**	16016.026	45.92	0.49	54.0	8.08	AV	31.00	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	1548.200	39.16	-17.46	74.0	34.84	Peak	141.00	400	Vertical	Pass
1**	1548.200	29.44	-17.46	54.0	24.56	AV	141.00	400	Vertical	Pass
2	4378.200	49.46	-4.57	74.0	24.54	Peak	195.00	100	Vertical	Pass
2**	4378.200	40.53	-4.57	54.0	13.47	AV	195.00	100	Vertical	Pass
3	5753.000	99.53	-2.10	--	--	Peak	126.00	200	Vertical	N/A
3**	5753.000	92.20	-2.10	--	--	AV	126.00	200	Vertical	N/A
4	7346.150	49.63	-3.39	74.0	24.37	Peak	153.00	400	Vertical	Pass
4**	7346.150	39.90	-3.39	54.0	14.10	AV	153.00	400	Vertical	Pass
5	11928.037	52.96	1.54	74.0	21.04	Peak	360.00	150	Vertical	Pass
5**	11928.037	43.08	1.54	54.0	10.92	AV	360.00	150	Vertical	Pass
6	15840.412	55.53	1.44	74.0	18.47	Peak	345.00	100	Vertical	Pass
6**	15840.412	45.89	1.44	54.0	8.11	AV	345.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.300	38.24	-17.44	74.0	35.76	Peak	124.00	300	Horizontal	Pass
1**	1583.300	29.03	-17.44	54.0	24.97	AV	124.00	300	Horizontal	Pass
2	4361.800	49.61	-4.41	74.0	24.39	Peak	164.00	200	Horizontal	Pass
2**	4361.800	40.12	-4.41	54.0	13.88	AV	164.00	200	Horizontal	Pass
3	5751.600	104.82	-2.08	--	--	Peak	57.00	100	Horizontal	N/A
3**	5751.600	96.01	-2.08	--	--	AV	57.00	100	Horizontal	N/A
4	7335.225	49.24	-3.30	74.0	24.76	Peak	360.00	100	Horizontal	Pass
4**	7335.225	39.66	-3.30	54.0	14.34	AV	360.00	100	Horizontal	Pass
5	12242.562	53.24	1.04	74.0	20.76	Peak	360.00	200	Horizontal	Pass
5**	12242.562	44.29	1.04	54.0	9.71	AV	360.00	200	Horizontal	Pass
6	15668.213	55.76	1.40	74.0	18.24	Peak	93.00	100	Horizontal	Pass
6**	15668.213	46.34	1.40	54.0	7.66	AV	93.00	100	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	1498.700	38.67	-17.55	74.0	35.33	Peak	107.00	300	Vertical	Pass
1**	1498.700	29.95	-17.55	54.0	24.05	AV	107.00	300	Vertical	Pass
2	4384.000	49.40	-4.65	74.0	24.60	Peak	360.00	100	Vertical	Pass
2**	4384.000	40.11	-4.65	54.0	13.89	AV	360.00	100	Vertical	Pass
3	5752.800	99.54	-2.09	--	--	Peak	92.00	150	Vertical	N/A
3**	5752.800	92.44	-2.09	--	--	AV	92.00	150	Vertical	N/A
4	7343.563	50.10	-3.31	74.0	23.90	Peak	360.00	300	Vertical	Pass
4**	7343.563	40.12	-3.31	54.0	13.88	AV	360.00	300	Vertical	Pass
5	12618.037	52.94	1.82	74.0	21.06	Peak	14.00	150	Vertical	Pass
5**	12618.037	43.46	1.82	54.0	10.54	AV	14.00	150	Vertical	Pass
6	15649.313	55.43	1.19	74.0	18.57	Peak	256.00	300	Vertical	Pass
6**	15649.313	46.21	1.19	54.0	7.79	AV	256.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1588.500	38.66	-17.69	74.0	35.34	Peak	201.00	200	Horizontal	Pass
1**	1588.500	29.64	-17.69	54.0	24.36	AV	201.00	200	Horizontal	Pass
2	4353.600	50.49	-3.75	74.0	23.51	Peak	269.00	300	Horizontal	Pass
2**	4353.600	40.35	-3.75	54.0	13.65	AV	269.00	300	Horizontal	Pass
3	5744.000	108.35	-2.19	--	--	Peak	63.00	150	Horizontal	N/A
3**	5744.000	101.24	-2.19	--	--	AV	63.00	150	Horizontal	N/A
4	7669.587	50.31	-2.38	74.0	23.69	Peak	237.00	200	Horizontal	Pass
4**	7669.587	39.61	-2.38	54.0	14.39	AV	237.00	200	Horizontal	Pass
5	11308.474	52.67	0.34	74.0	21.33	Peak	254.00	200	Horizontal	Pass
5**	11308.474	42.57	0.34	54.0	11.43	AV	254.00	200	Horizontal	Pass
6	15669.787	55.63	1.42	74.0	18.37	Peak	161.00	400	Horizontal	Pass
6**	15669.787	45.66	1.42	54.0	8.34	AV	161.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.900	40.13	-17.41	74.0	33.87	Peak	99.00	100	Vertical	Pass
1**	1495.900	28.97	-17.41	54.0	25.03	AV	99.00	100	Vertical	Pass
2	4377.800	49.84	-4.59	74.0	24.16	Peak	164.00	400	Vertical	Pass
2**	4377.800	40.75	-4.59	54.0	13.25	AV	164.00	400	Vertical	Pass
3	5746.200	103.42	-2.23	--	--	Peak	117.00	150	Vertical	N/A
3**	5746.200	96.61	-2.23	--	--	AV	117.00	150	Vertical	N/A
4	7690.288	49.31	-1.89	74.0	24.69	Peak	326.00	400	Vertical	Pass
4**	7690.288	40.87	-1.89	54.0	13.13	AV	326.00	400	Vertical	Pass
5	12248.025	53.18	0.98	74.0	20.82	Peak	51.00	100	Vertical	Pass
5**	12248.025	43.05	0.98	54.0	10.95	AV	51.00	100	Vertical	Pass
6	15858.000	56.29	1.03	74.0	17.71	Peak	69.00	200	Vertical	Pass
6**	15858.000	47.83	1.03	54.0	6.17	AV	69.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.800	39.27	-17.36	74.0	34.73	Peak	164.00	400	Horizontal	Pass
1**	1541.800	29.61	-17.36	54.0	24.39	AV	164.00	400	Horizontal	Pass
2	4383.400	49.46	-4.64	74.0	24.54	Peak	282.00	100	Horizontal	Pass
2**	4383.400	40.51	-4.64	54.0	13.49	AV	282.00	100	Horizontal	Pass
3	5784.000	108.55	-2.08	--	--	Peak	62.00	150	Horizontal	N/A
3**	5784.000	100.81	-2.08	--	--	AV	62.00	150	Horizontal	N/A
4	7337.238	49.28	-3.30	74.0	24.72	Peak	95.00	200	Horizontal	Pass
4**	7337.238	40.45	-3.30	54.0	13.55	AV	95.00	200	Horizontal	Pass
5	12230.776	52.85	1.28	74.0	21.15	Peak	62.00	150	Horizontal	Pass
5**	12230.776	44.89	1.28	54.0	9.11	AV	62.00	150	Horizontal	Pass
6	15810.487	55.72	2.15	74.0	18.28	Peak	171.00	400	Horizontal	Pass
6**	15810.487	46.75	2.15	54.0	7.25	AV	171.00	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	1496.600	40.45	-17.39	74.0	33.55	Peak	111.00	100	Vertical	Pass
1**	1496.600	29.78	-17.39	54.0	24.22	AV	111.00	100	Vertical	Pass
2	4173.000	49.33	-5.25	74.0	24.67	Peak	360.00	400	Vertical	Pass
2**	4173.000	39.83	-5.25	54.0	14.17	AV	360.00	400	Vertical	Pass
3	5785.600	102.85	-2.22	--	--	Peak	127.00	150	Vertical	N/A
3**	5785.600	95.17	-2.22	--	--	AV	127.00	150	Vertical	N/A
4	7324.875	49.56	-3.69	74.0	24.44	Peak	141.00	400	Vertical	Pass
4**	7324.875	39.82	-3.69	54.0	14.18	AV	141.00	400	Vertical	Pass
5	12315.588	53.46	1.41	74.0	20.54	Peak	44.00	200	Vertical	Pass
5**	12315.588	44.61	1.41	54.0	9.39	AV	44.00	200	Vertical	Pass
6	16078.763	55.89	1.62	74.0	18.11	Peak	147.00	400	Vertical	Pass
6**	16078.763	46.41	1.62	54.0	7.59	AV	147.00	400	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	1508.900	38.47	-17.56	74.0	35.53	Peak	251.00	200	Horizontal	Pass
1**	1508.900	28.63	-17.56	54.0	25.37	AV	251.00	200	Horizontal	Pass
2	4351.400	49.93	-3.64	74.0	24.07	Peak	274.00	200	Horizontal	Pass
2**	4351.400	40.14	-3.64	54.0	13.86	AV	274.00	200	Horizontal	Pass
3	5826.200	108.05	-2.28	--	--	Peak	82.00	100	Horizontal	N/A
3**	5826.200	100.96	-2.28	--	--	AV	82.00	100	Horizontal	N/A
4	7290.950	49.62	-3.13	74.0	24.38	Peak	317.00	300	Horizontal	Pass
4**	7290.950	39.87	-3.13	54.0	14.13	AV	317.00	300	Horizontal	Pass
5	12359.000	53.51	1.17	74.0	20.49	Peak	317.00	100	Horizontal	Pass
5**	12359.000	42.69	1.17	54.0	11.31	AV	317.00	100	Horizontal	Pass
6	15862.988	55.58	0.86	74.0	18.42	Peak	300.00	200	Horizontal	Pass
6**	15862.988	46.30	0.86	54.0	7.70	AV	300.00	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	1495.900	39.81	-17.41	74.0	34.19	Peak	100.00	200	Vertical	Pass
1**	1495.900	31.88	-17.41	54.0	22.12	AV	100.00	200	Vertical	Pass
2	4206.800	49.57	-4.82	74.0	24.43	Peak	181.00	100	Vertical	Pass
2**	4206.800	41.05	-4.82	54.0	12.95	AV	181.00	100	Vertical	Pass
3	5826.200	103.84	-2.28	--	--	Peak	106.00	150	Vertical	N/A
3**	5826.200	96.65	-2.28	--	--	AV	106.00	150	Vertical	N/A
4	7335.800	49.59	-3.24	74.0	24.41	Peak	269.00	200	Vertical	Pass
4**	7335.800	40.73	-3.24	54.0	13.27	AV	269.00	200	Vertical	Pass
5	12276.200	53.51	1.66	74.0	20.49	Peak	360.00	100	Vertical	Pass
5**	12276.200	44.07	1.66	54.0	9.93	AV	360.00	100	Vertical	Pass
6	15666.113	56.58	1.36	74.0	17.42	Peak	264.00	400	Vertical	Pass
6**	15666.113	46.15	1.36	54.0	7.85	AV	264.00	400	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	1470.300	38.71	-17.44	74.0	35.29	Peak	104.00	200	Horizontal	Pass
1**	1470.300	28.39	-17.44	54.0	25.61	AV	104.00	200	Horizontal	Pass
2	4376.800	49.28	-4.67	74.0	24.72	Peak	307.00	200	Horizontal	Pass
2**	4376.800	40.74	-4.67	54.0	13.26	AV	307.00	200	Horizontal	Pass
3	5756.600	104.83	-2.02	--	--	Peak	63.00	100	Horizontal	N/A
3**	5756.600	97.24	-2.02	--	--	AV	63.00	100	Horizontal	N/A
4	7689.713	49.19	-1.97	74.0	24.81	Peak	101.00	200	Horizontal	Pass
4**	7689.713	40.20	-1.97	54.0	13.80	AV	101.00	200	Horizontal	Pass
5	12278.500	52.96	1.75	74.0	21.04	Peak	0.00	200	Horizontal	Pass
5**	12278.500	44.24	1.75	54.0	9.76	AV	0.00	200	Horizontal	Pass
6	15512.287	56.09	1.42	74.0	17.91	Peak	65.00	400	Horizontal	Pass
6**	15512.287	46.12	1.42	54.0	7.88	AV	65.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.000	40.54	-17.58	74.0	33.46	Peak	111.00	100	Vertical	Pass
1**	1493.000	32.02	-17.58	54.0	21.98	AV	111.00	100	Vertical	Pass
2	4359.000	49.92	-4.22	74.0	24.08	Peak	139.00	100	Vertical	Pass
2**	4359.000	40.76	-4.22	54.0	13.24	AV	139.00	100	Vertical	Pass
3	5758.600	100.73	-1.97	--	--	Peak	117.00	150	Vertical	N/A
3**	5758.600	93.63	-1.97	--	--	AV	117.00	150	Vertical	N/A
4	7674.475	49.53	-2.36	74.0	24.47	Peak	233.00	400	Vertical	Pass
4**	7674.475	40.28	-2.36	54.0	13.72	AV	233.00	400	Vertical	Pass
5	12684.450	53.23	0.85	74.0	20.77	Peak	72.00	100	Vertical	Pass
5**	12684.450	43.29	0.85	54.0	10.71	AV	72.00	100	Vertical	Pass
6	16018.125	56.28	0.50	74.0	17.72	Peak	97.00	400	Vertical	Pass
6**	16018.125	45.54	0.50	54.0	8.46	AV	97.00	400	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	1498.200	38.79	-17.55	74.0	35.21	Peak	94.00	100	Horizontal	Pass
1**	1498.200	28.44	-17.55	54.0	25.56	AV	94.00	100	Horizontal	Pass
2	4366.600	49.20	-4.22	74.0	24.80	Peak	83.00	300	Horizontal	Pass
2**	4366.600	40.77	-4.22	54.0	13.23	AV	83.00	300	Horizontal	Pass
3	5792.400	104.79	-2.81	--	--	Peak	73.00	100	Horizontal	N/A
3**	5792.400	97.64	-2.81	--	--	AV	73.00	100	Horizontal	N/A
4	7622.725	49.35	-3.02	74.0	24.65	Peak	120.00	100	Horizontal	Pass
4**	7622.725	39.70	-3.02	54.0	14.30	AV	120.00	100	Horizontal	Pass
5	12327.663	52.87	1.42	74.0	21.13	Peak	67.00	200	Horizontal	Pass
5**	12327.663	44.20	1.42	54.0	9.80	AV	67.00	200	Horizontal	Pass
6	15635.662	55.98	1.53	74.0	18.02	Peak	79.00	300	Horizontal	Pass
6**	15635.662	47.08	1.53	54.0	6.92	AV	79.00	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	1603.700	41.95	-17.75	74.0	32.05	Peak	21.00	100	Vertical	Pass
1**	1603.700	28.70	-17.75	54.0	25.30	AV	21.00	100	Vertical	Pass
2	4372.200	49.58	-4.38	74.0	24.42	Peak	115.00	400	Vertical	Pass
2**	4372.200	40.81	-4.38	54.0	13.19	AV	115.00	400	Vertical	Pass
3	5797.600	99.15	-2.73	--	--	Peak	139.00	150	Vertical	N/A
3**	5797.600	91.79	-2.73	--	--	AV	139.00	150	Vertical	N/A
4	7343.563	49.54	-3.31	74.0	24.46	Peak	195.00	100	Vertical	Pass
4**	7343.563	40.84	-3.31	54.0	13.16	AV	195.00	100	Vertical	Pass
5	11957.650	53.59	1.04	74.0	20.41	Peak	281.00	100	Vertical	Pass
5**	11957.650	44.09	1.04	54.0	9.91	AV	281.00	100	Vertical	Pass
6	15848.287	55.71	1.34	74.0	18.29	Peak	186.00	400	Vertical	Pass
6**	15848.287	46.37	1.34	54.0	7.63	AV	186.00	400	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	1553.000	38.61	-17.35	74.0	35.39	Peak	355.00	400	Horizontal	Pass
1**	1553.000	29.83	-17.35	54.0	24.17	AV	355.00	400	Horizontal	Pass
2	4378.000	49.85	-4.58	74.0	24.15	Peak	88.00	100	Horizontal	Pass
2**	4378.000	40.67	-4.58	54.0	13.33	AV	88.00	100	Horizontal	Pass
3	5780.800	101.30	-1.77	--	--	Peak	66.00	200	Horizontal	N/A
3**	5780.800	94.09	-1.77	--	--	AV	66.00	200	Horizontal	N/A
4	7677.638	49.51	-2.46	74.0	24.49	Peak	202.00	100	Horizontal	Pass
4**	7677.638	40.11	-2.46	54.0	13.89	AV	202.00	100	Horizontal	Pass
5	11204.688	52.96	-0.27	74.0	21.04	Peak	148.00	200	Horizontal	Pass
5**	11204.688	42.53	-0.27	54.0	11.47	AV	148.00	200	Horizontal	Pass
6	16040.438	55.87	0.79	74.0	18.13	Peak	138.00	300	Horizontal	Pass
6**	16040.438	46.79	0.79	54.0	7.21	AV	138.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1552.500	39.37	-17.38	74.0	34.63	Peak	131.00	200	Vertical	Pass
1**	1552.500	29.09	-17.38	54.0	24.91	AV	131.00	200	Vertical	Pass
2	4344.200	49.46	-4.19	74.0	24.54	Peak	185.00	300	Vertical	Pass
2**	4344.200	40.06	-4.19	54.0	13.94	AV	185.00	300	Vertical	Pass
3	5780.600	96.61	-1.76	--	--	Peak	116.00	100	Vertical	N/A
3**	5780.600	89.40	-1.76	--	--	AV	116.00	100	Vertical	N/A
4	7681.662	49.80	-2.39	74.0	24.20	Peak	195.00	200	Vertical	Pass
4**	7681.662	40.50	-2.39	54.0	13.50	AV	195.00	200	Vertical	Pass
5	12285.400	53.51	1.77	74.0	20.49	Peak	356.00	100	Vertical	Pass
5**	12285.400	44.67	1.77	54.0	9.33	AV	356.00	100	Vertical	Pass
6	16098.450	55.65	1.24	74.0	18.35	Peak	30.00	300	Vertical	Pass
6**	16098.450	46.35	1.24	54.0	7.65	AV	30.00	300	Vertical	Pass

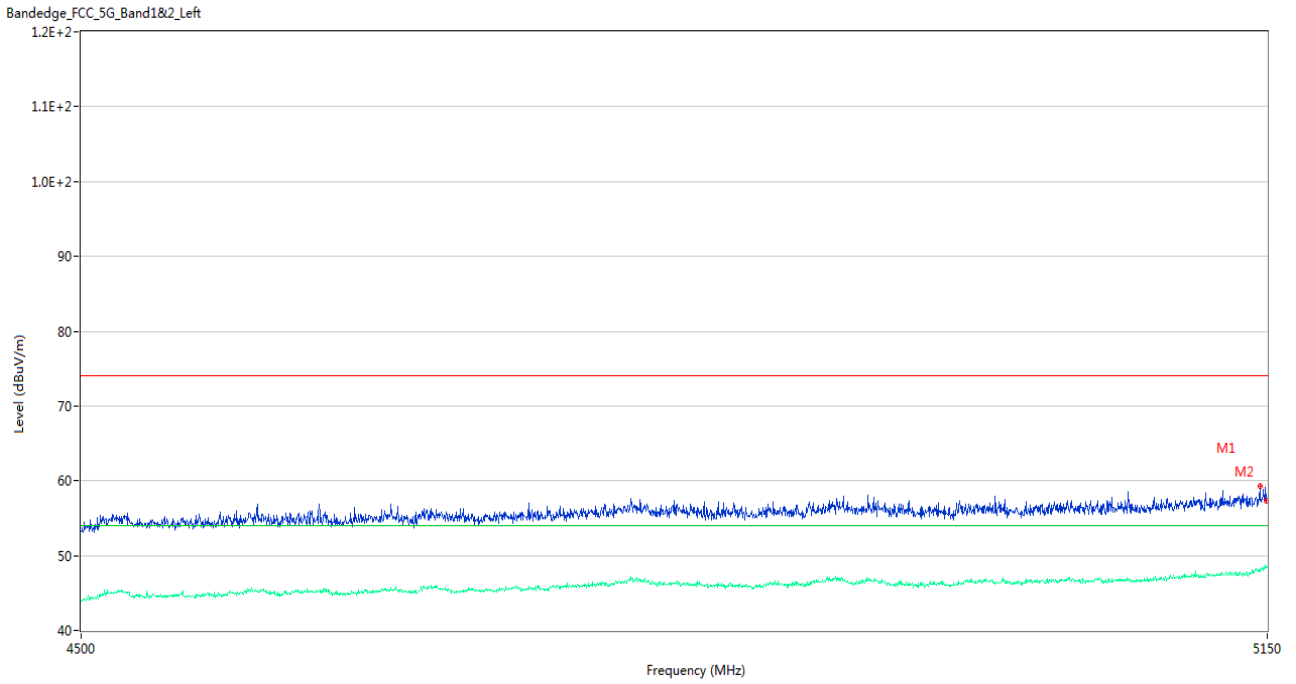
A.6.2 Band Edge (Restricted-band)

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

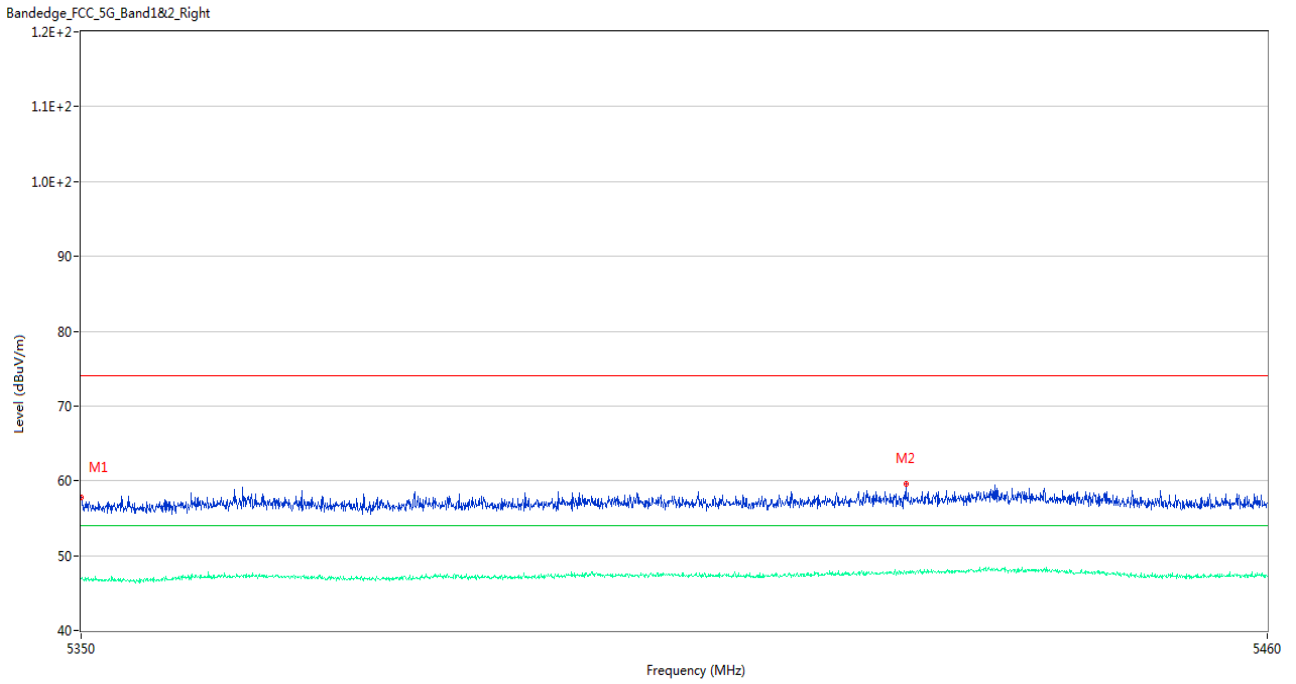
Test Data and Plots

U-NII-1 11a Low Channel



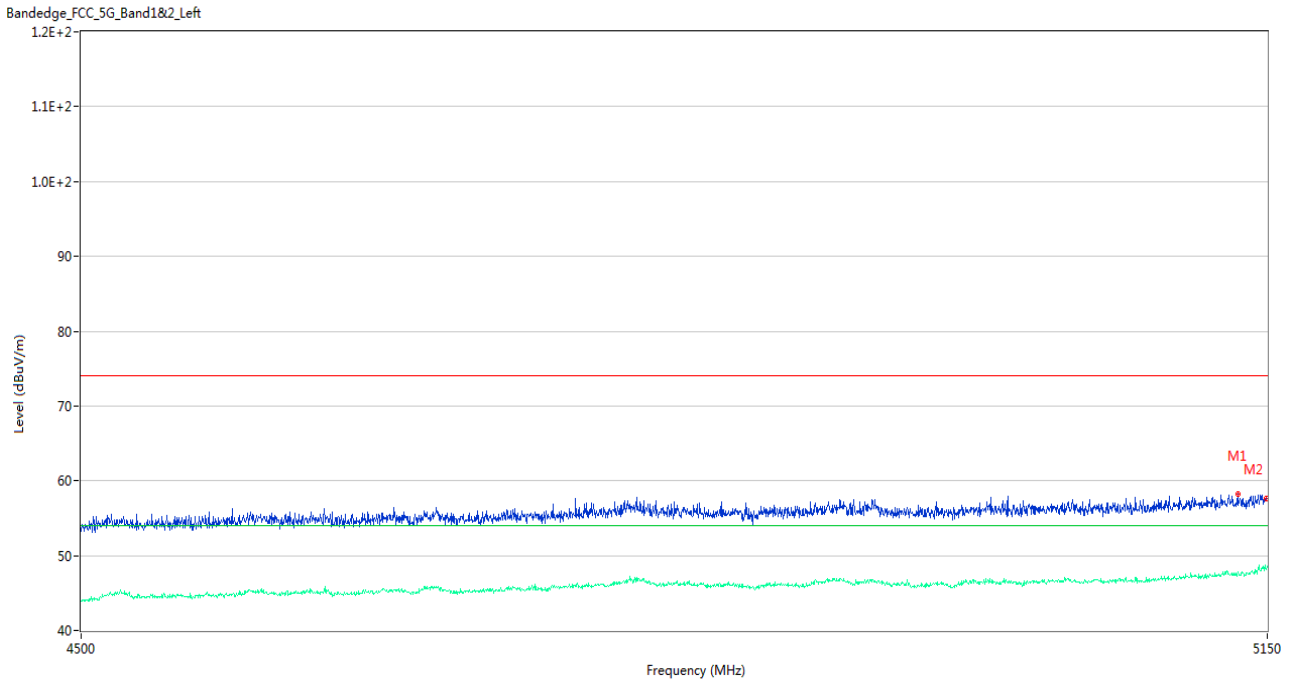
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.775	59.35	3.63	74.0	14.65	Peak	10.00	150	Horizontal	Pass
1**	5145.775	48.15	3.63	54.0	5.85	AV	10.00	150	Horizontal	Pass
2	5149.675	57.37	3.43	74.0	16.63	Peak	132.00	150	Horizontal	Pass
2**	5149.675	48.54	3.43	54.0	5.46	AV	132.00	150	Horizontal	Pass

U-NII-1 11a High Channel



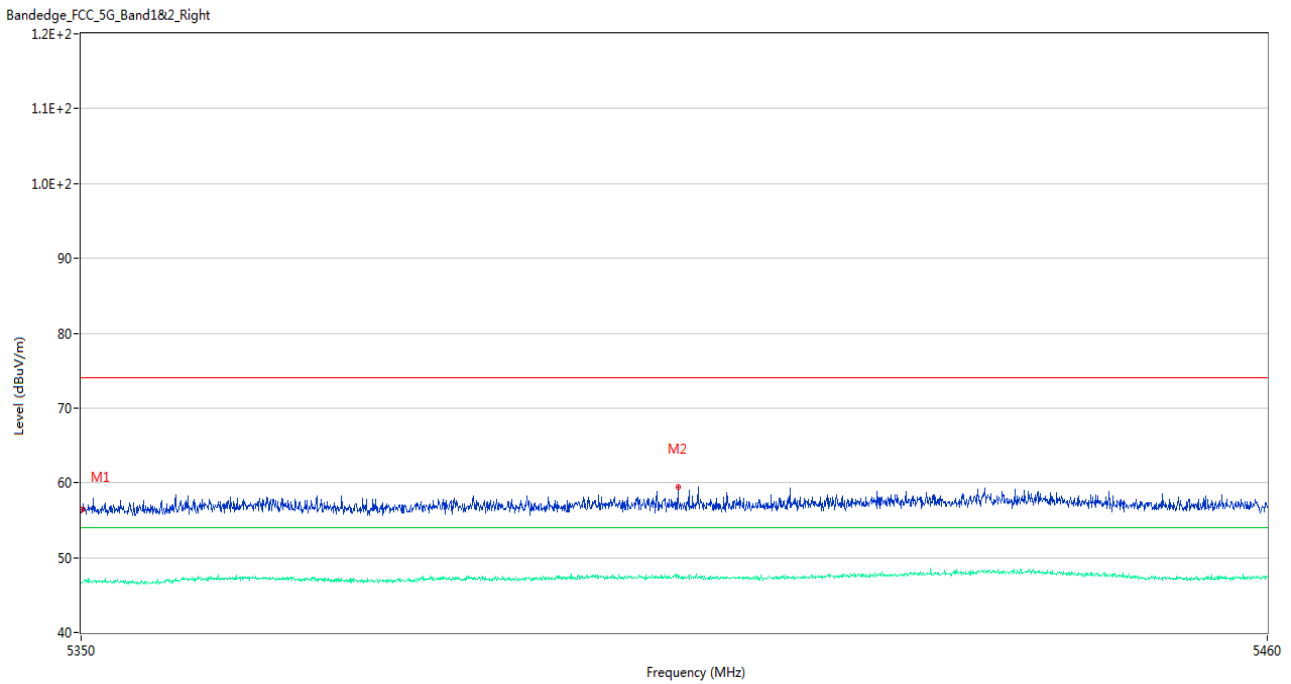
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.78	3.26	74.0	16.22	Peak	302.00	150	Horizontal	Pass
1**	5350.000	46.92	3.26	54.0	7.08	AV	302.00	150	Horizontal	Pass
2	5426.230	59.51	3.92	74.0	14.49	Peak	263.00	100	Horizontal	Pass
2**	5426.230	47.60	3.92	54.0	6.40	AV	263.00	100	Horizontal	Pass

U-NII-1 11n20 Low Channel



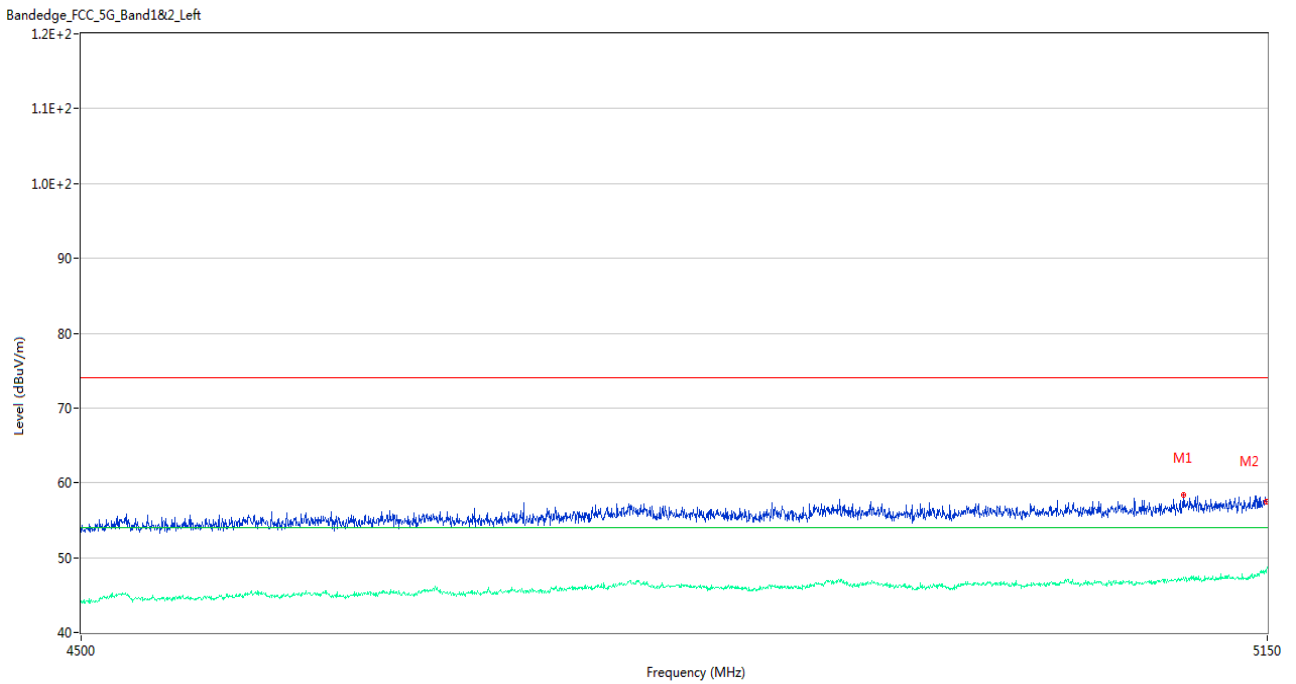
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5132.775	58.29	3.97	74.0	15.71	Peak	3.00	150	Horizontal	Pass
1**	5132.775	47.75	3.97	54.0	6.25	AV	3.00	150	Horizontal	Pass
2	5149.675	57.60	3.43	74.0	16.40	Peak	246.00	100	Horizontal	Pass
2**	5149.675	48.09	3.43	54.0	5.91	AV	246.00	100	Horizontal	Pass

U-NII-1 11n20 High Channel



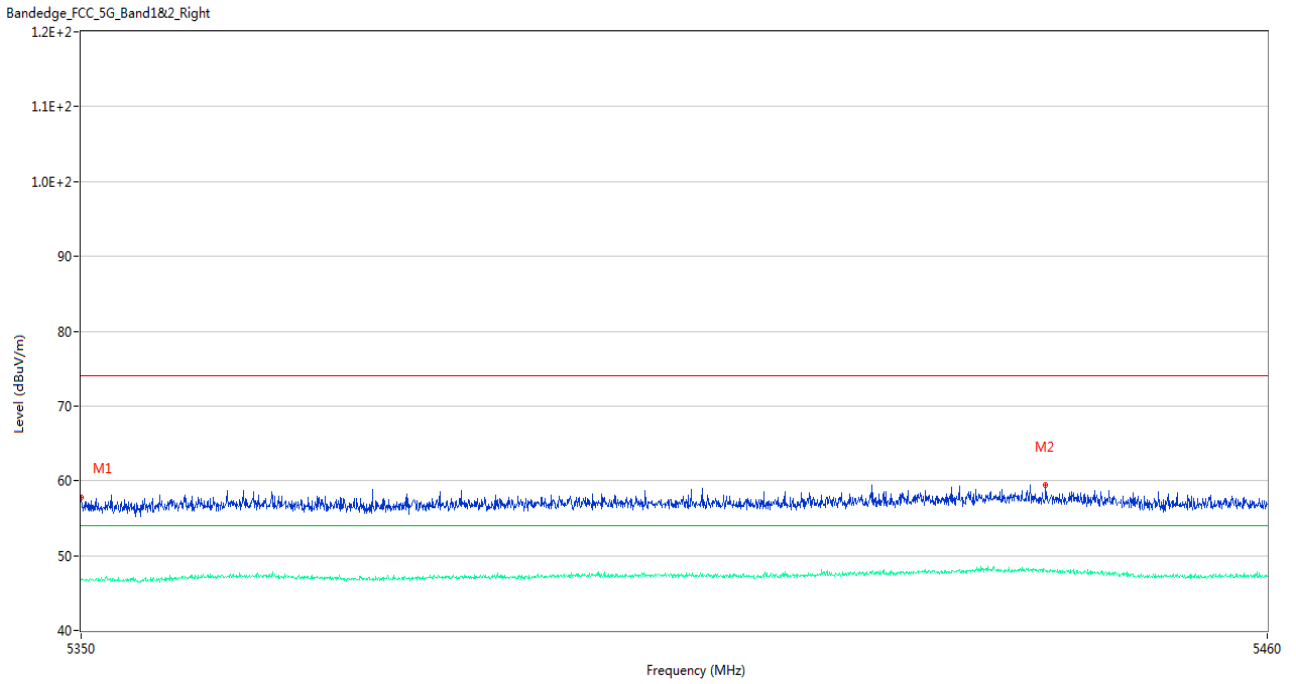
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.37	3.25	74.0	17.63	Peak	20.00	200	Horizontal	Pass
1**	5350.055	46.68	3.25	54.0	7.32	AV	20.00	200	Horizontal	Pass
2	5405.055	59.49	3.92	74.0	14.51	Peak	145.00	150	Horizontal	Pass
2**	5405.055	47.63	3.92	54.0	6.37	AV	145.00	150	Horizontal	Pass

U-NII-1 11n40 Low Channel



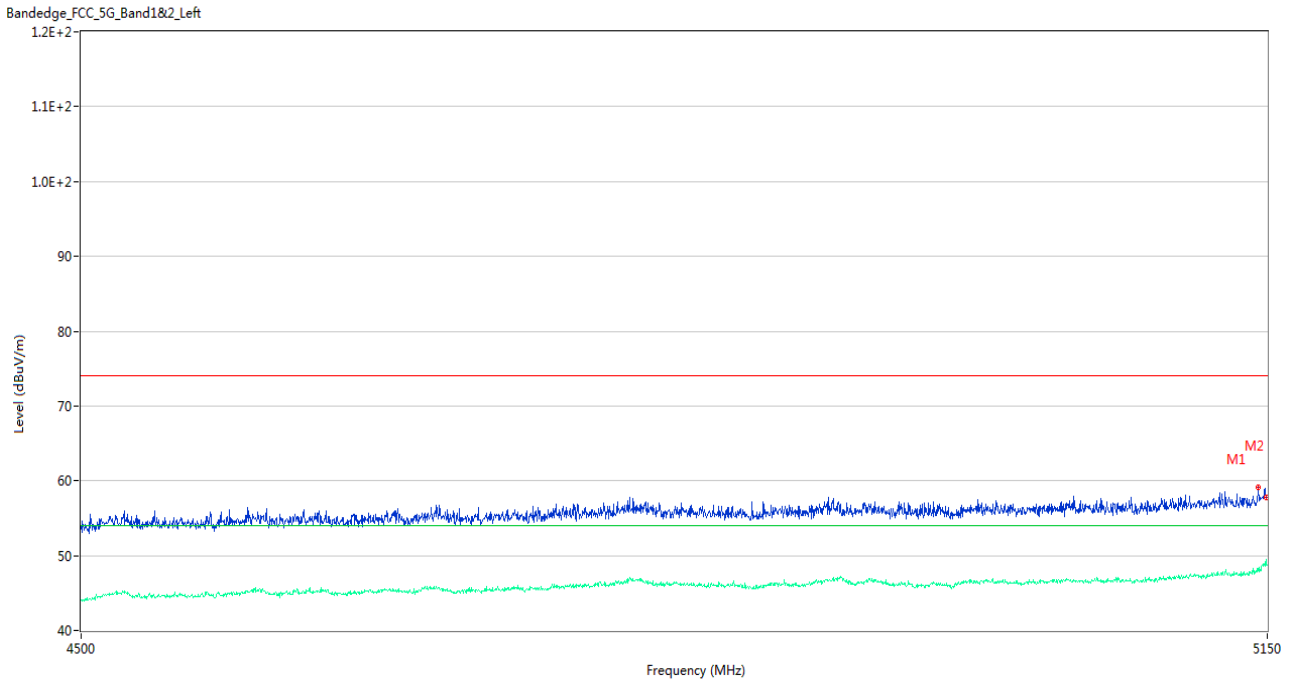
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5100.925	58.31	3.82	74.0	15.69	Peak	0.00	100	Horizontal	Pass
1**	5100.925	47.23	3.82	54.0	6.77	AV	0.00	100	Horizontal	Pass
2	5149.675	57.43	3.43	74.0	16.57	Peak	76.00	200	Horizontal	Pass
2**	5149.675	48.08	3.43	54.0	5.92	AV	76.00	200	Horizontal	Pass

U-NII-1 11n40 High Channel



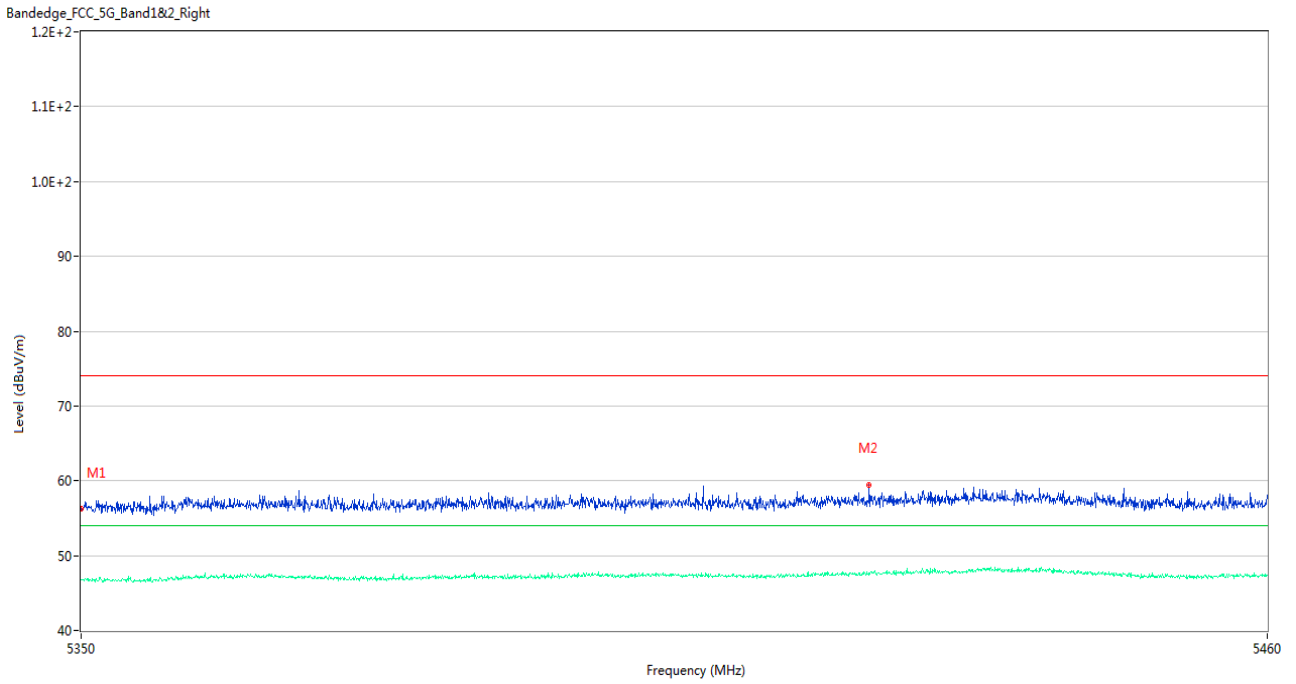
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.79	3.26	74.0	16.21	Peak	118.00	100	Horizontal	Pass
1**	5350.000	46.79	3.26	54.0	7.21	AV	118.00	100	Horizontal	Pass
2	5439.265	59.49	4.41	74.0	14.51	Peak	144.00	200	Horizontal	Pass
2**	5439.265	47.94	4.41	54.0	6.06	AV	144.00	200	Horizontal	Pass

U-NII-1 11ac20 Low Channel



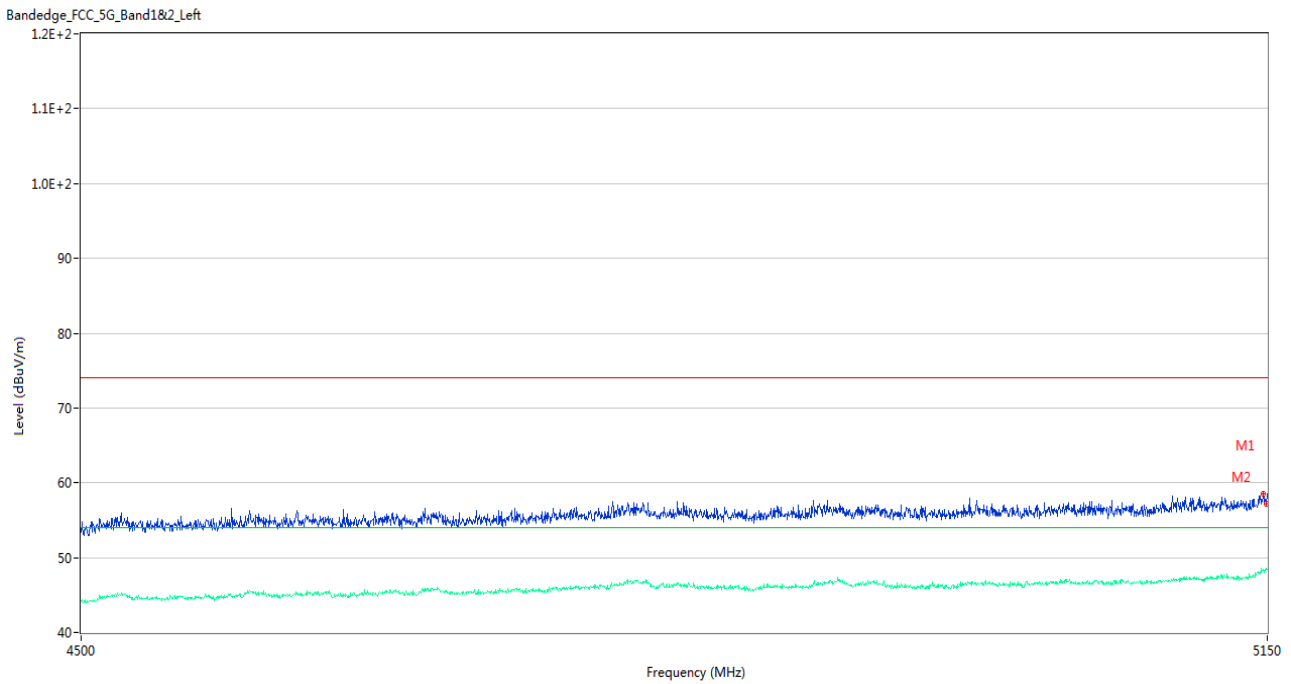
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5144.800	59.11	3.69	74.0	14.89	Peak	80.00	150	Horizontal	Pass
1**	5144.800	48.09	3.69	54.0	5.91	AV	80.00	150	Horizontal	Pass
2	5149.675	57.82	3.43	74.0	16.18	Peak	80.00	100	Horizontal	Pass
2**	5149.675	48.78	3.43	54.0	5.22	AV	80.00	100	Horizontal	Pass

U-NII-1 11ac20 High Channel



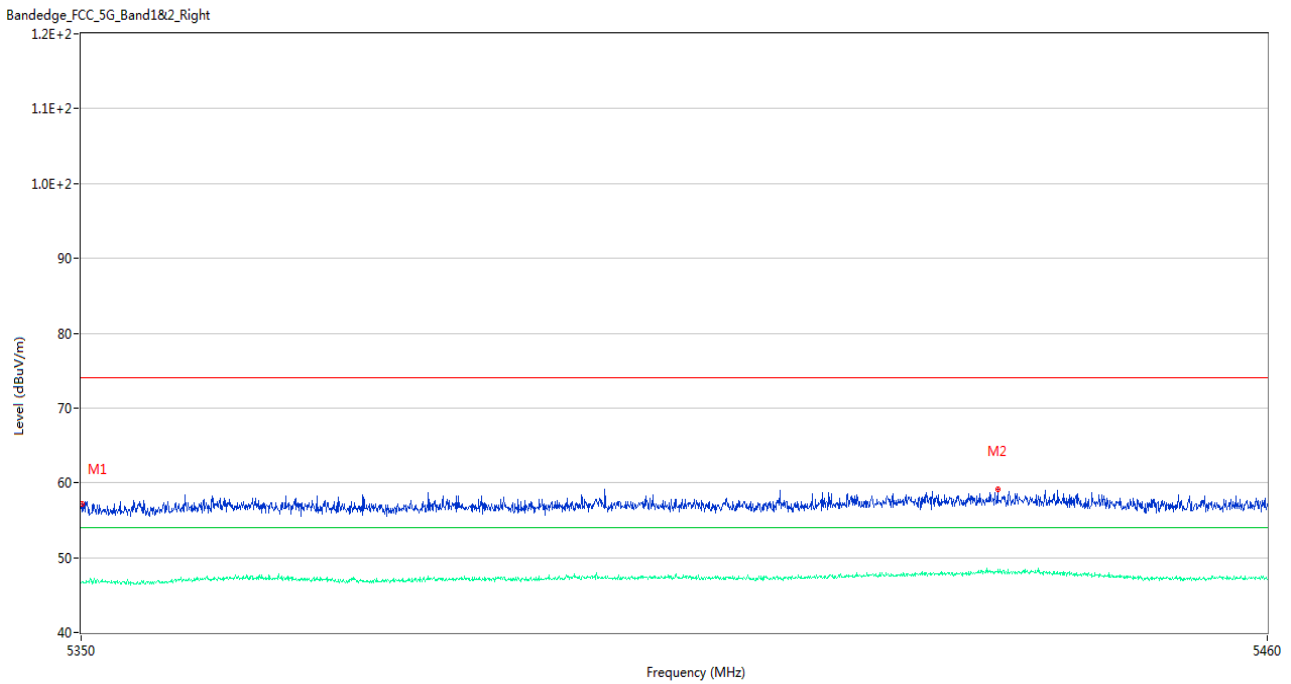
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.30	3.26	74.0	17.70	Peak	213.00	100	Horizontal	Pass
1**	5350.000	46.83	3.26	54.0	7.17	AV	213.00	100	Horizontal	Pass
2	5422.820	59.40	3.78	74.0	14.60	Peak	7.00	150	Horizontal	Pass
2**	5422.820	47.70	3.78	54.0	6.30	AV	7.00	150	Horizontal	Pass

U-NII-1 11ac40 Low Channel



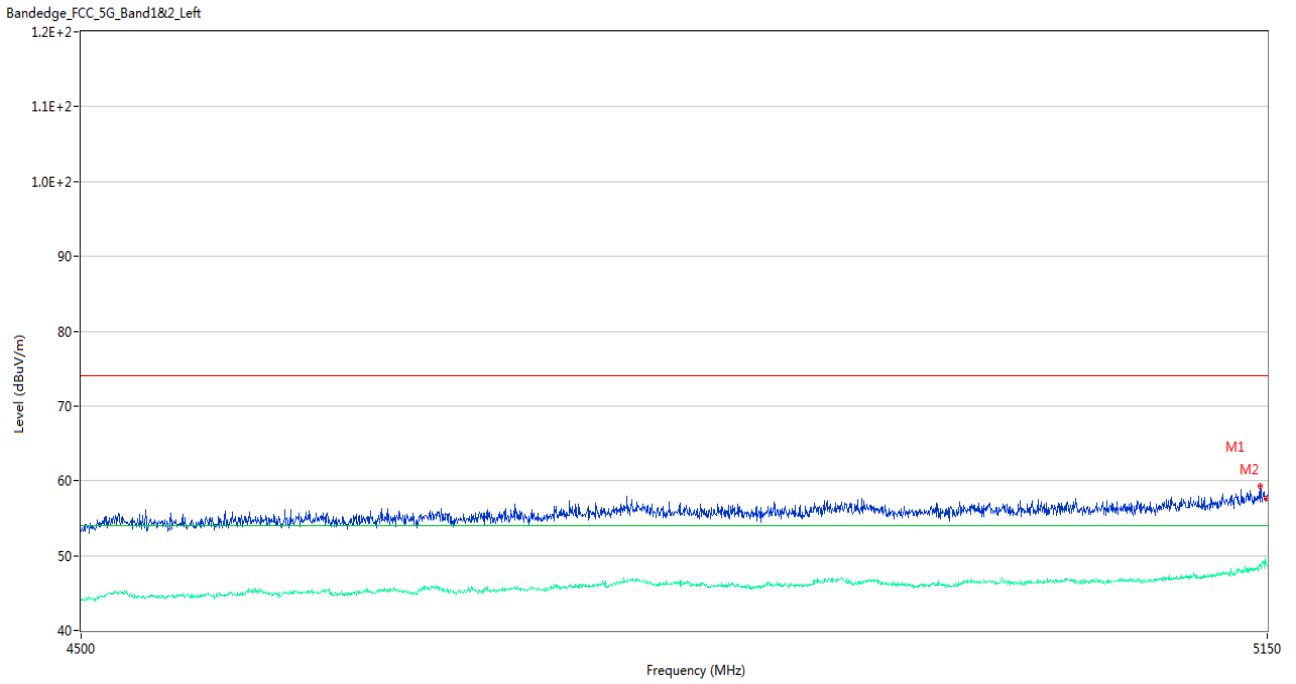
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.725	58.50	3.53	74.0	15.50	Peak	91.00	200	Horizontal	Pass
1**	5147.725	48.41	3.53	54.0	5.59	AV	91.00	200	Horizontal	Pass
2	5149.675	57.20	3.43	74.0	16.80	Peak	41.00	100	Horizontal	Pass
2**	5149.675	48.40	3.43	54.0	5.60	AV	41.00	100	Horizontal	Pass

U-NII-1 11ac40 High Channel



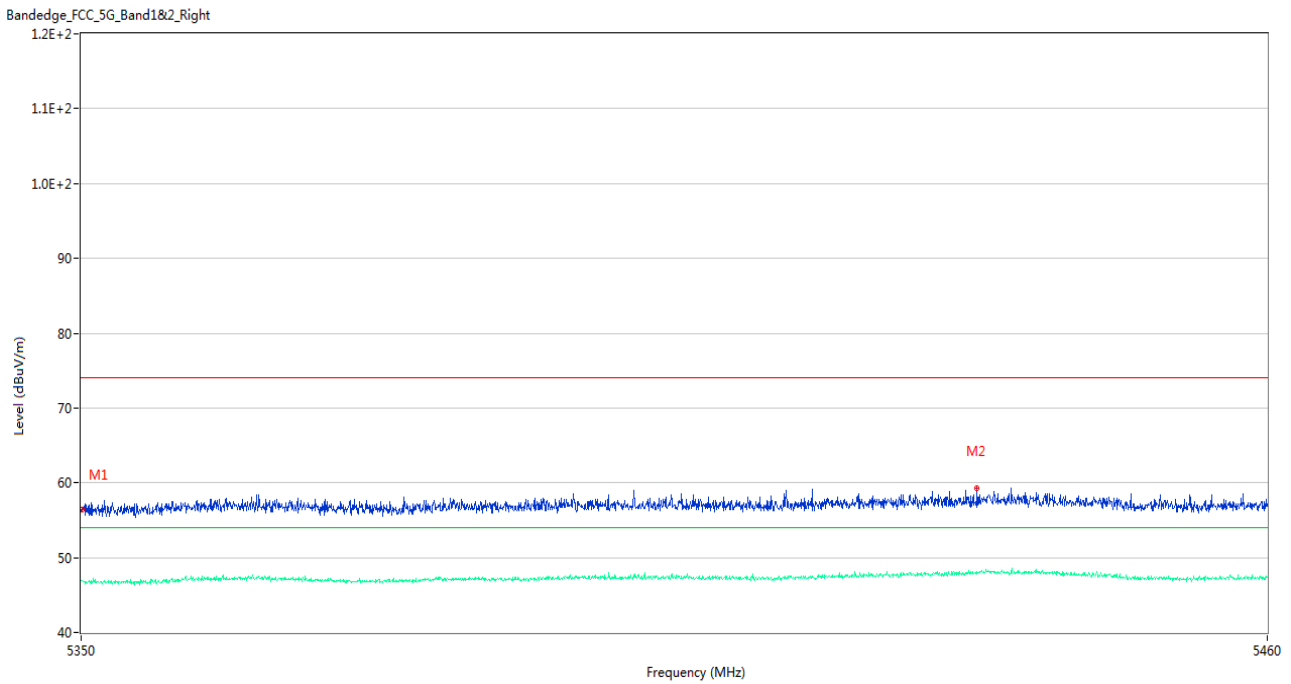
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	57.15	3.25	74.0	16.85	Peak	80.00	100	Horizontal	Pass
1**	5350.055	46.77	3.25	54.0	7.23	AV	80.00	100	Horizontal	Pass
2	5434.810	59.18	4.41	74.0	14.82	Peak	187.00	100	Horizontal	Pass
2**	5434.810	47.96	4.41	54.0	6.04	AV	187.00	100	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



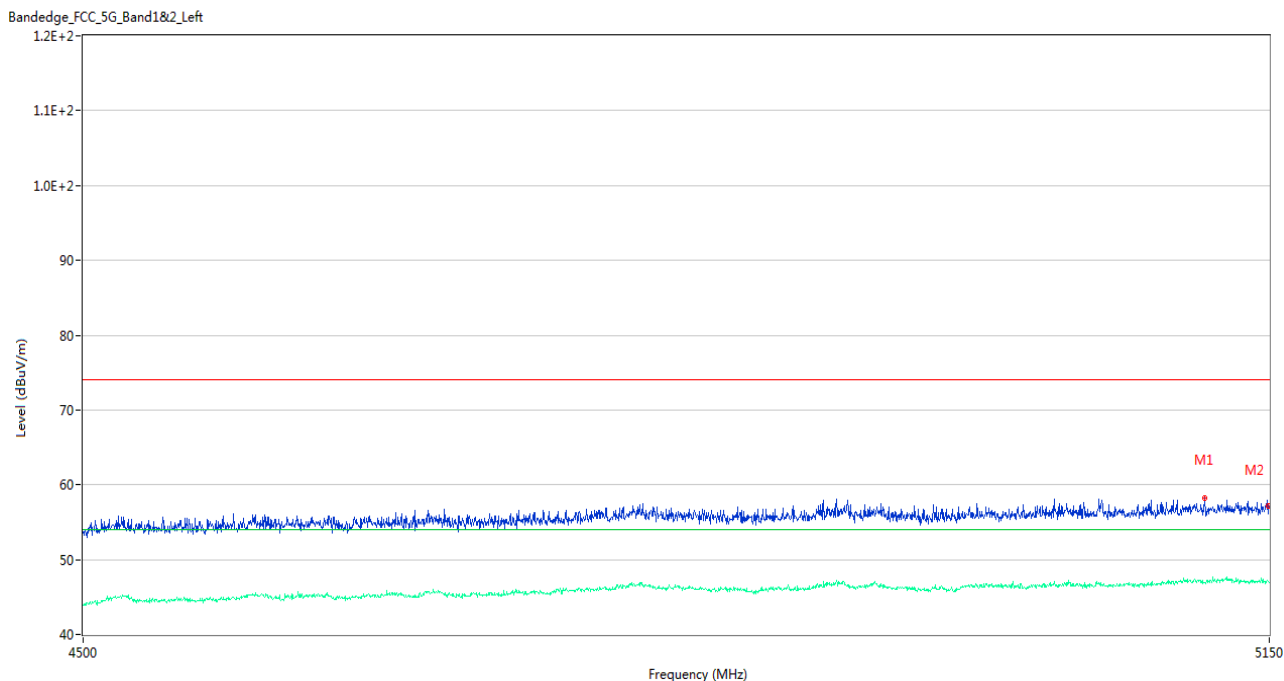
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.100	59.28	3.62	74.0	14.72	Peak	70.00	200	Horizontal	Pass
1**	5146.100	48.62	3.62	54.0	5.38	AV	70.00	200	Horizontal	Pass
2	5149.675	57.61	3.43	74.0	16.39	Peak	82.00	100	Horizontal	Pass
2**	5149.675	48.91	3.43	54.0	5.09	AV	82.00	100	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



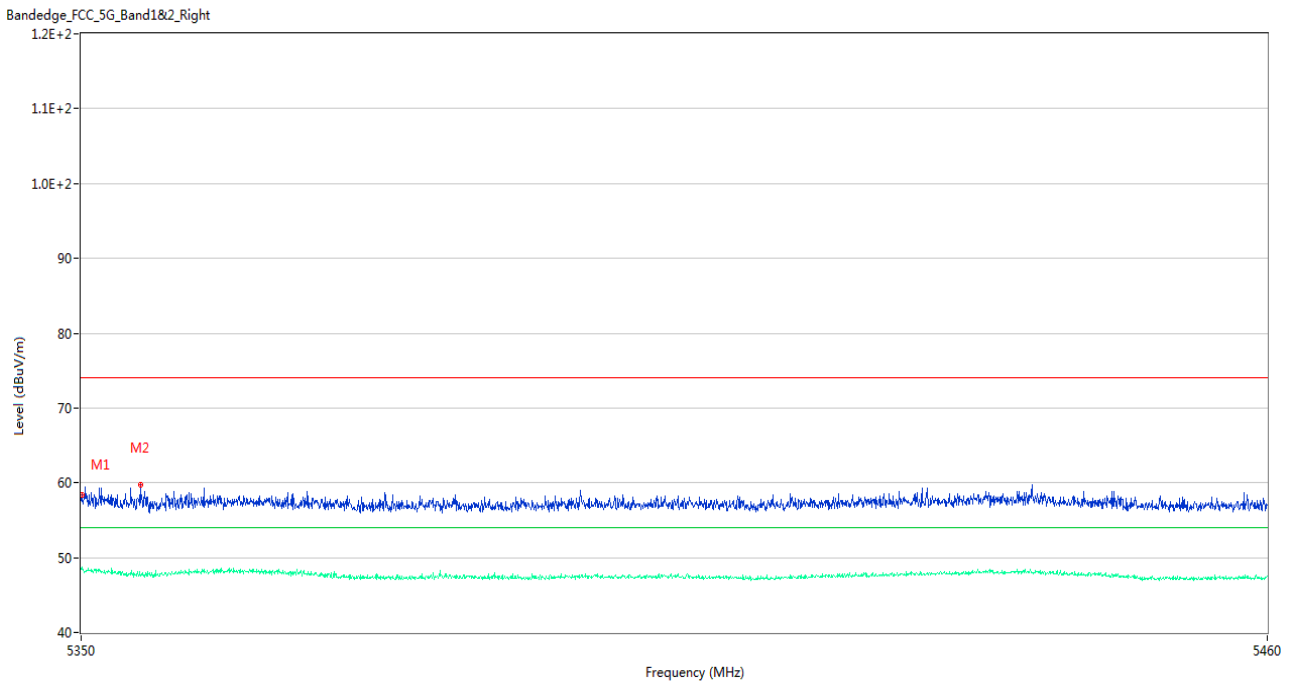
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.36	3.25	74.0	17.64	Peak	282.00	150	Horizontal	Pass
1**	5350.055	46.98	3.25	54.0	7.02	AV	282.00	150	Horizontal	Pass
2	5432.885	59.24	4.36	74.0	14.76	Peak	317.00	200	Horizontal	Pass
2**	5432.885	48.07	4.36	54.0	5.93	AV	317.00	200	Horizontal	Pass

U-NII-2A 11a Low Channel



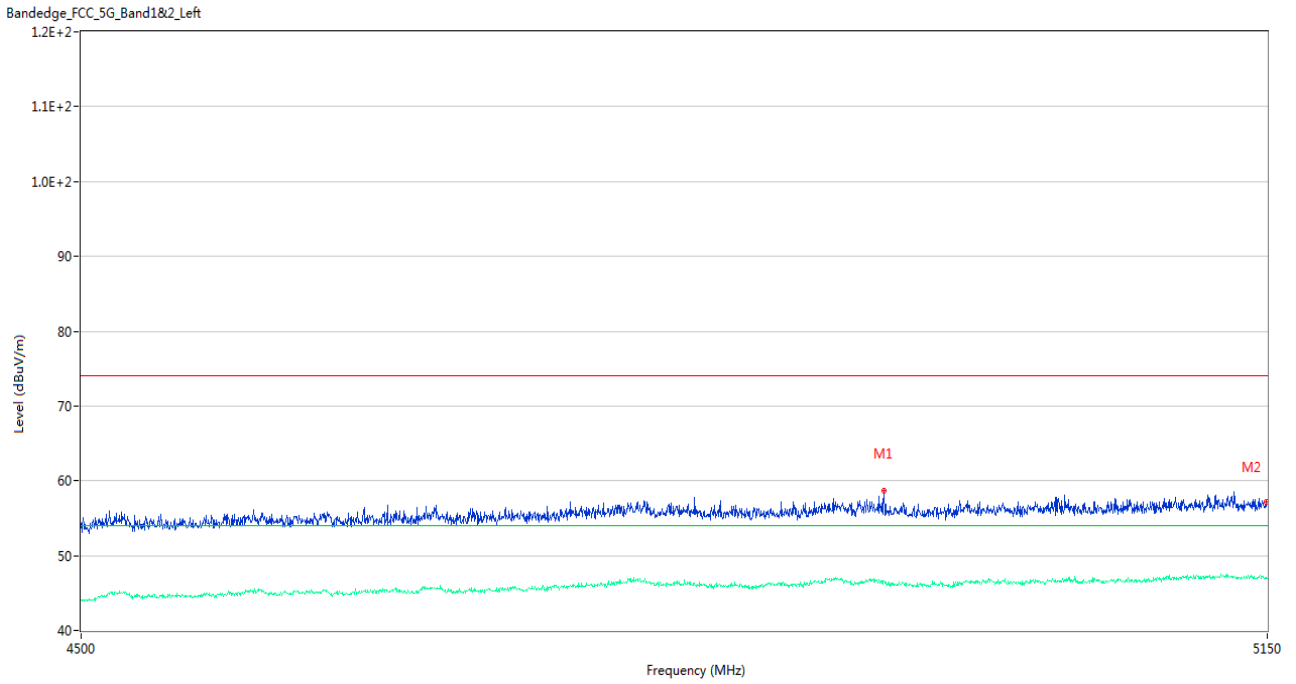
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5112.300	58.28	3.79	74.0	15.72	Peak	106.00	200	Horizontal	Pass
1**	5112.300	46.89	3.79	54.0	7.11	AV	106.00	200	Horizontal	Pass
2	5149.675	57.11	3.43	74.0	16.89	Peak	336.00	200	Horizontal	Pass
2**	5149.675	47.14	3.43	54.0	6.86	AV	336.00	200	Horizontal	Pass

U-NII-2A 11a High Channel



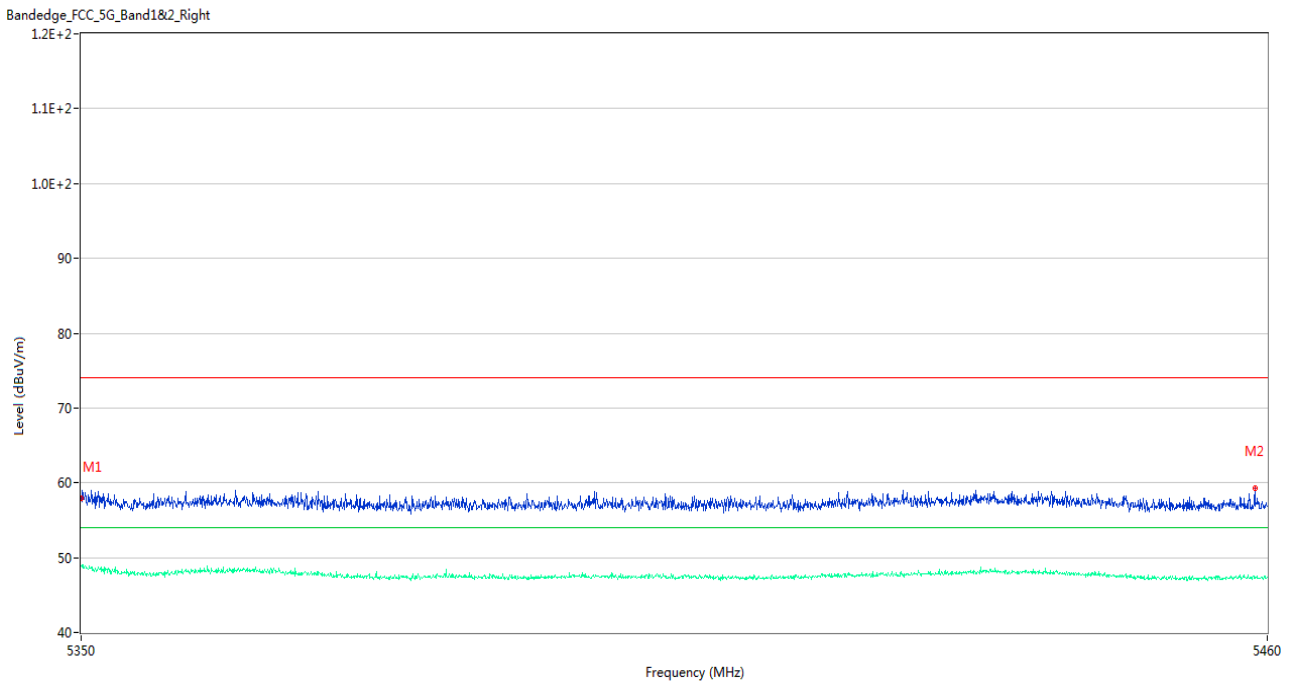
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	58.43	3.25	74.0	15.57	Peak	19.00	150	Horizontal	Pass
1**	5350.055	48.80	3.25	54.0	5.20	AV	19.00	150	Horizontal	Pass
2	5355.445	59.75	3.30	74.0	14.25	Peak	71.00	150	Horizontal	Pass
2**	5355.445	47.55	3.30	54.0	6.45	AV	71.00	150	Horizontal	Pass

U-NII-2A 11n20 Low Channel



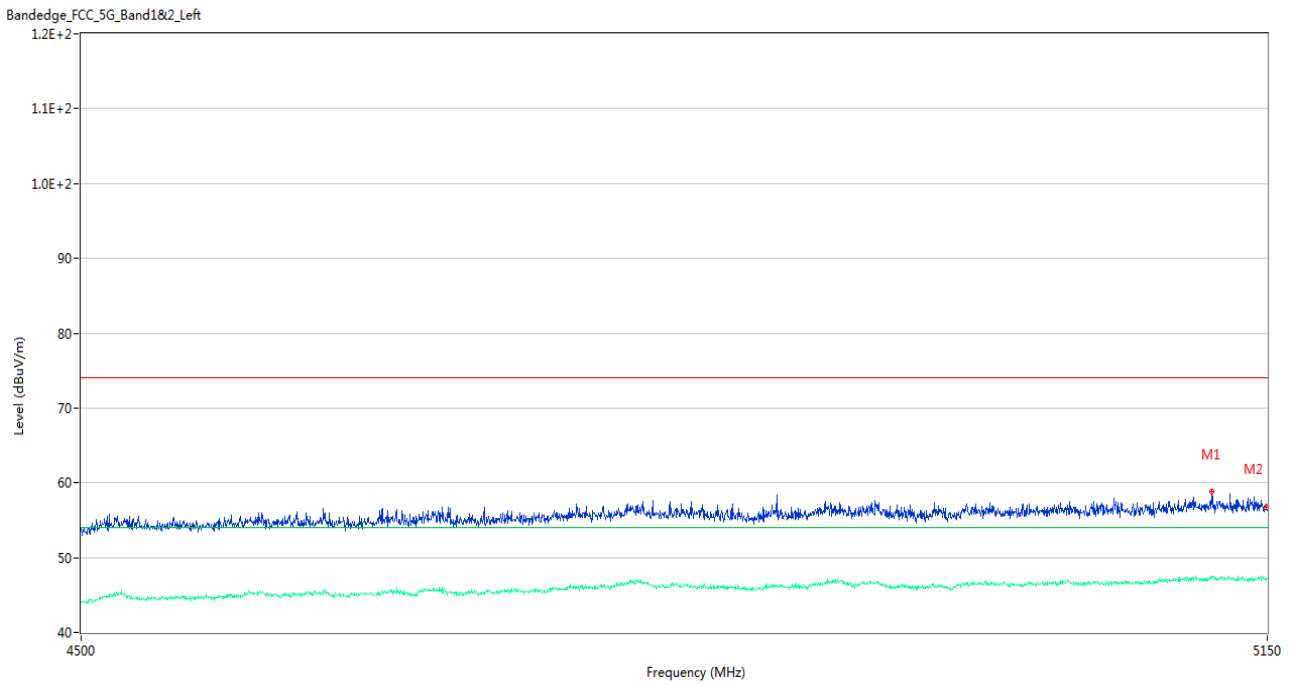
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4930.300	58.62	3.33	74.0	15.38	Peak	228.00	100	Horizontal	Pass
1**	4930.300	46.63	3.33	54.0	7.37	AV	228.00	100	Horizontal	Pass
2	5149.675	57.22	3.43	74.0	16.78	Peak	25.00	150	Horizontal	Pass
2**	5149.675	46.97	3.43	54.0	7.03	AV	25.00	150	Horizontal	Pass

U-NII-2A 11n20 High Channel



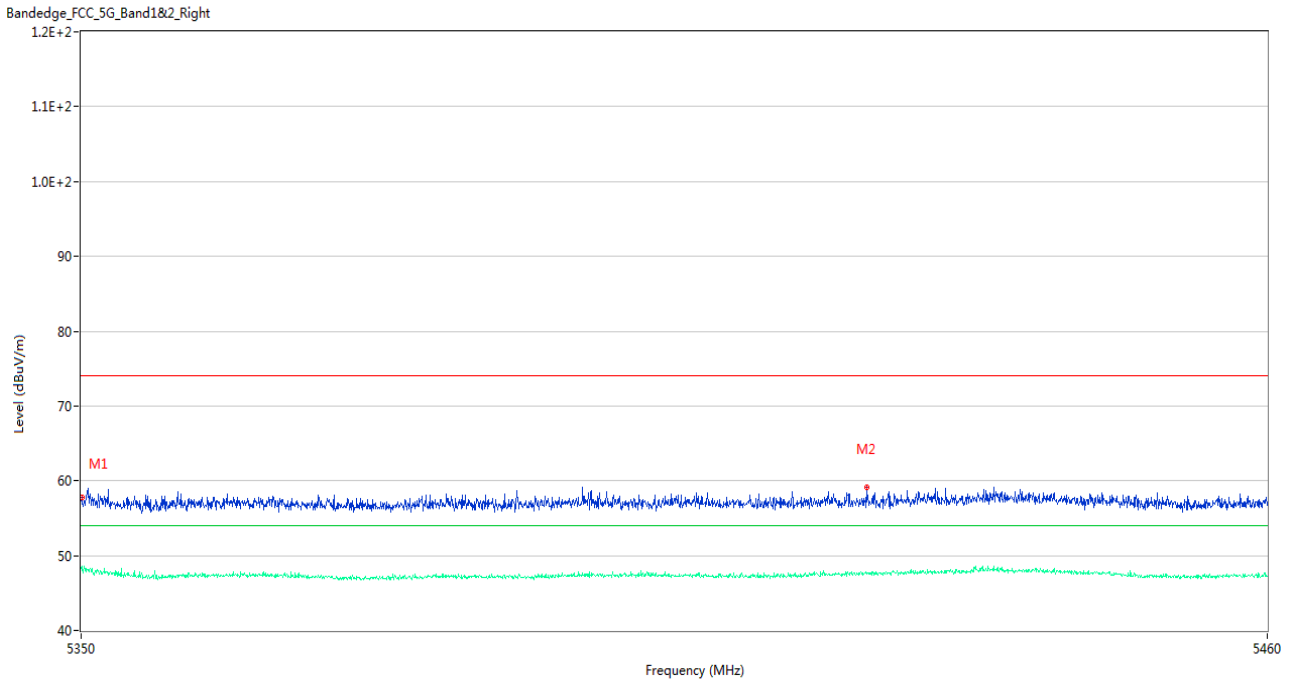
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.95	3.26	74.0	16.05	Peak	74.00	200	Horizontal	Pass
1**	5350.000	48.89	3.26	54.0	5.11	AV	74.00	200	Horizontal	Pass
2	5458.845	59.24	4.08	74.0	14.76	Peak	42.00	200	Horizontal	Pass
2**	5458.845	47.35	4.08	54.0	6.65	AV	42.00	200	Horizontal	Pass

U-NII-2A 11n40 Low Channel



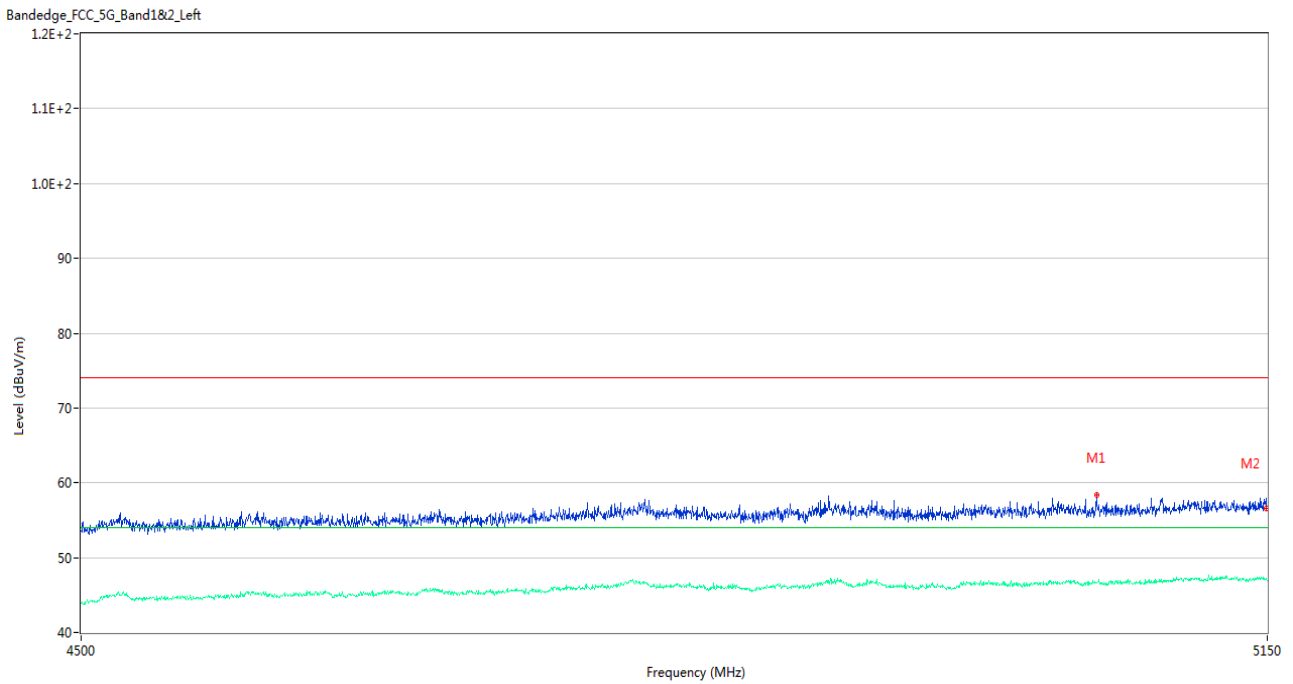
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5117.500	58.78	4.00	74.0	15.22	Peak	156.00	200	Horizontal	Pass
1**	5117.500	47.47	4.00	54.0	6.53	AV	156.00	200	Horizontal	Pass
2	5149.675	56.75	3.43	74.0	17.25	Peak	50.00	200	Horizontal	Pass
2**	5149.675	47.29	3.43	54.0	6.71	AV	50.00	200	Horizontal	Pass

U-NII-2A 11n40 High Channel



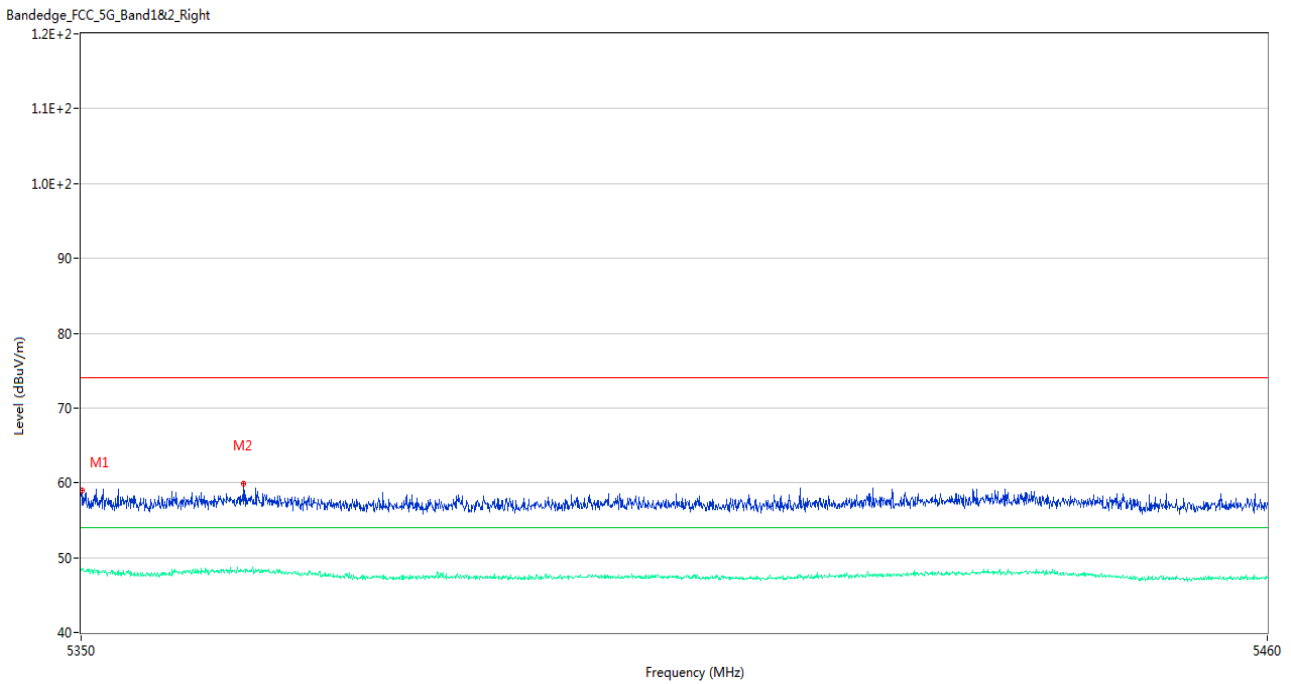
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	57.73	3.25	74.0	16.27	Peak	120.00	200	Horizontal	Pass
1**	5350.055	48.58	3.25	54.0	5.42	AV	120.00	200	Horizontal	Pass
2	5422.600	59.20	3.76	74.0	14.80	Peak	210.00	100	Horizontal	Pass
2**	5422.600	47.61	3.76	54.0	6.39	AV	210.00	100	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



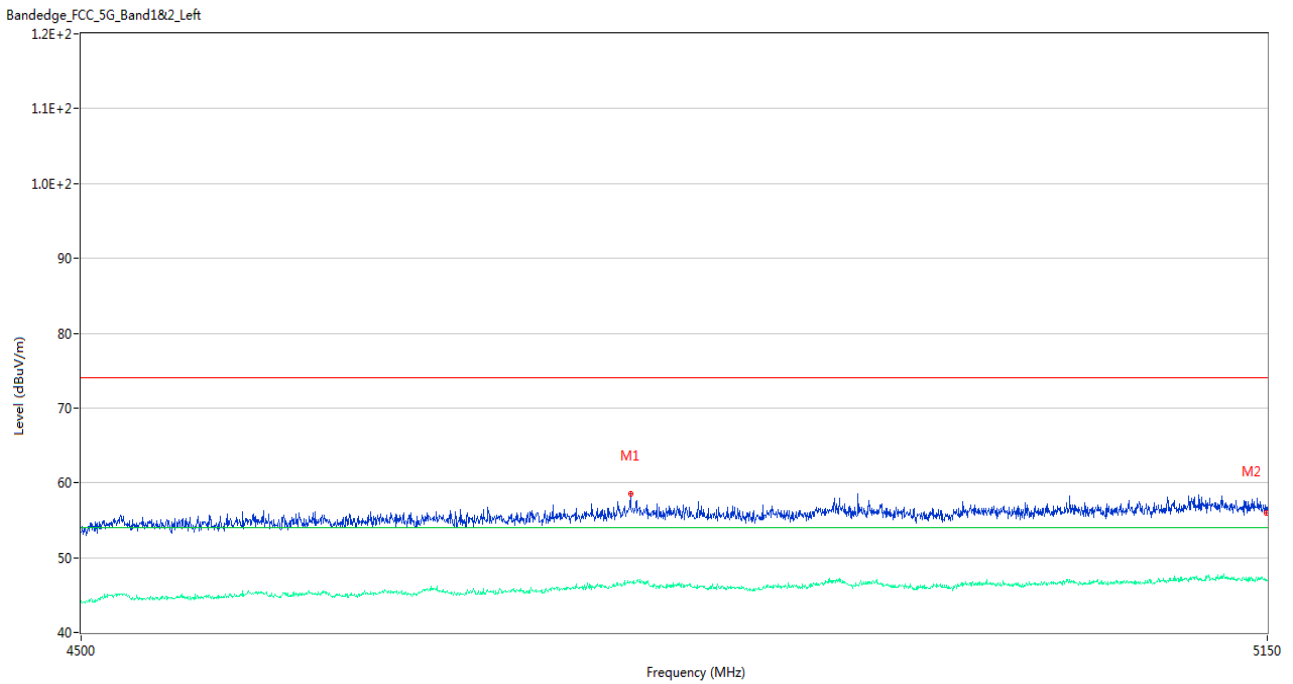
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5050.875	58.33	3.40	74.0	15.67	Peak	16.00	150	Horizontal	Pass
1**	5050.875	46.63	3.40	54.0	7.37	AV	16.00	150	Horizontal	Pass
2	5149.675	56.53	3.43	74.0	17.47	Peak	249.00	100	Horizontal	Pass
2**	5149.675	47.08	3.43	54.0	6.92	AV	249.00	100	Horizontal	Pass

U-NII-2A 11ac20 High Channel



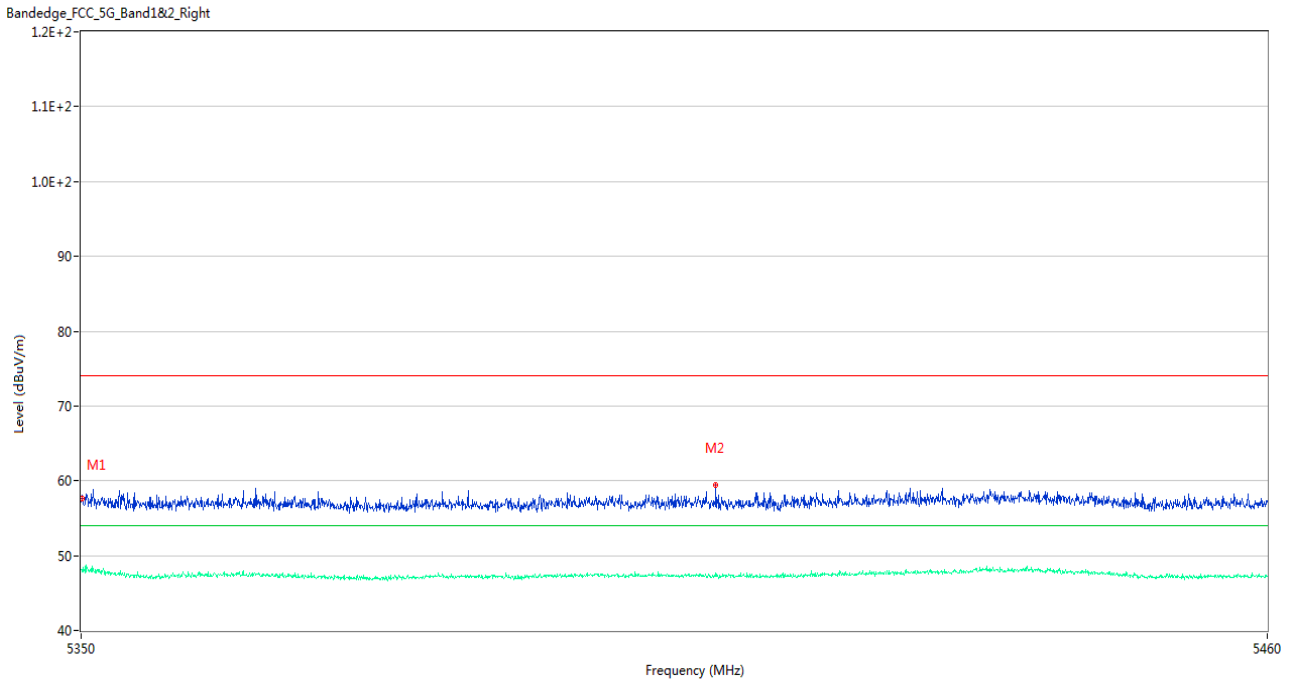
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	59.06	3.25	74.0	14.94	Peak	78.00	100	Horizontal	Pass
1**	5350.055	48.52	3.25	54.0	5.48	AV	78.00	100	Horizontal	Pass
2	5364.960	59.96	3.85	74.0	14.04	Peak	69.00	100	Horizontal	Pass
2**	5364.960	48.12	3.85	54.0	5.88	AV	69.00	100	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



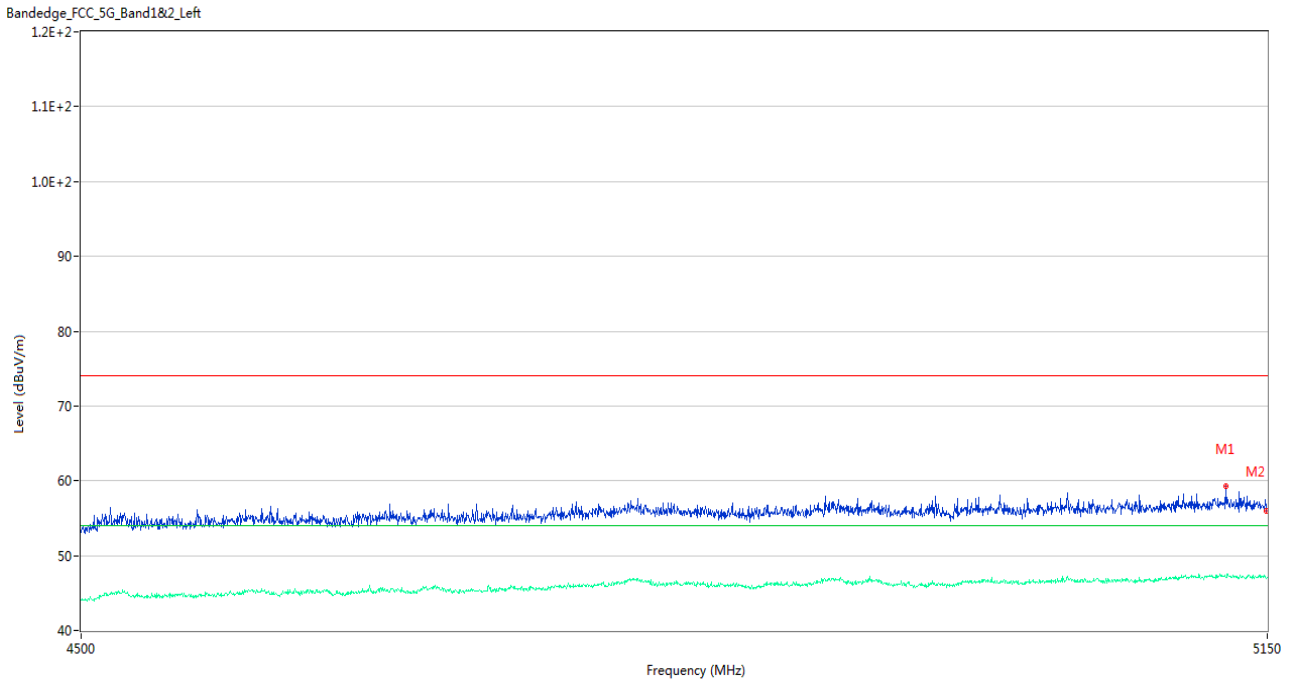
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4790.225	58.60	3.63	74.0	15.40	Peak	151.00	100	Horizontal	Pass
1**	4790.225	46.82	3.63	54.0	7.18	AV	151.00	100	Horizontal	Pass
2	5149.675	55.91	3.43	74.0	18.09	Peak	156.00	150	Horizontal	Pass
2**	5149.675	47.14	3.43	54.0	6.86	AV	156.00	150	Horizontal	Pass

U-NII-2A 11ac40 High Channel



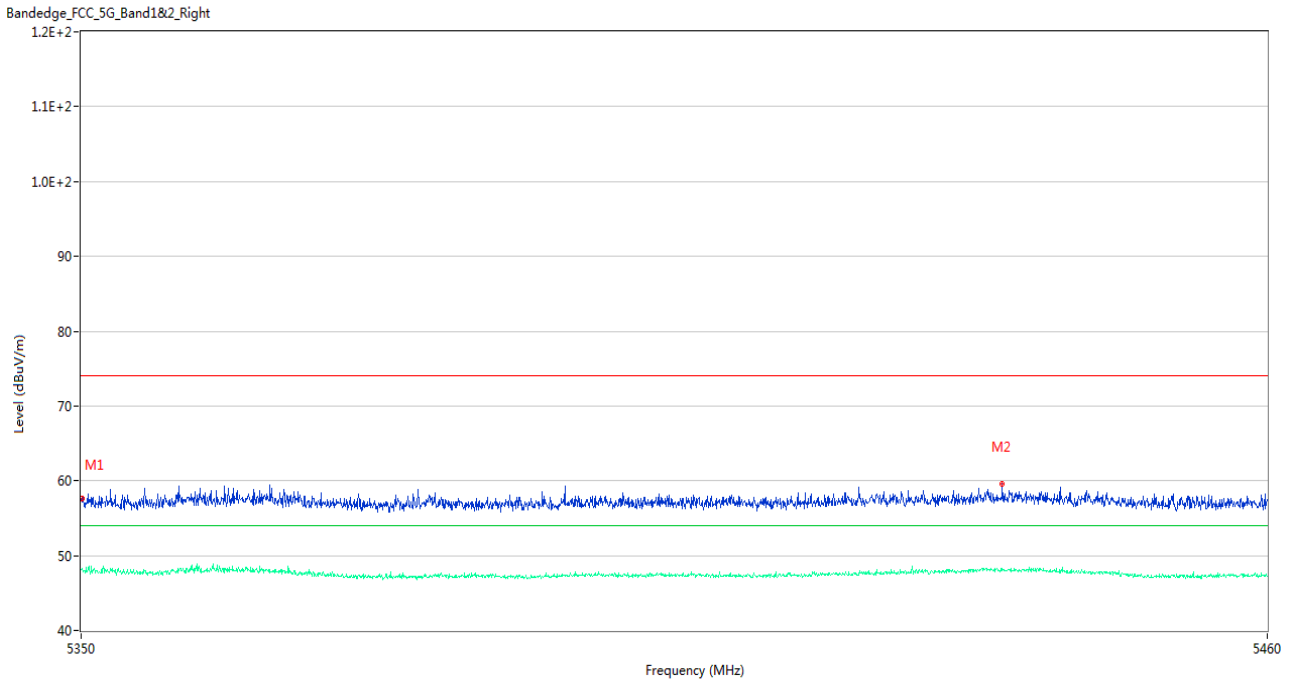
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	57.55	3.25	74.0	16.45	Peak	60.00	150	Horizontal	Pass
1**	5350.055	48.19	3.25	54.0	5.81	AV	60.00	150	Horizontal	Pass
2	5408.575	59.43	3.82	74.0	14.57	Peak	68.00	150	Horizontal	Pass
2**	5408.575	47.25	3.82	54.0	6.75	AV	68.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



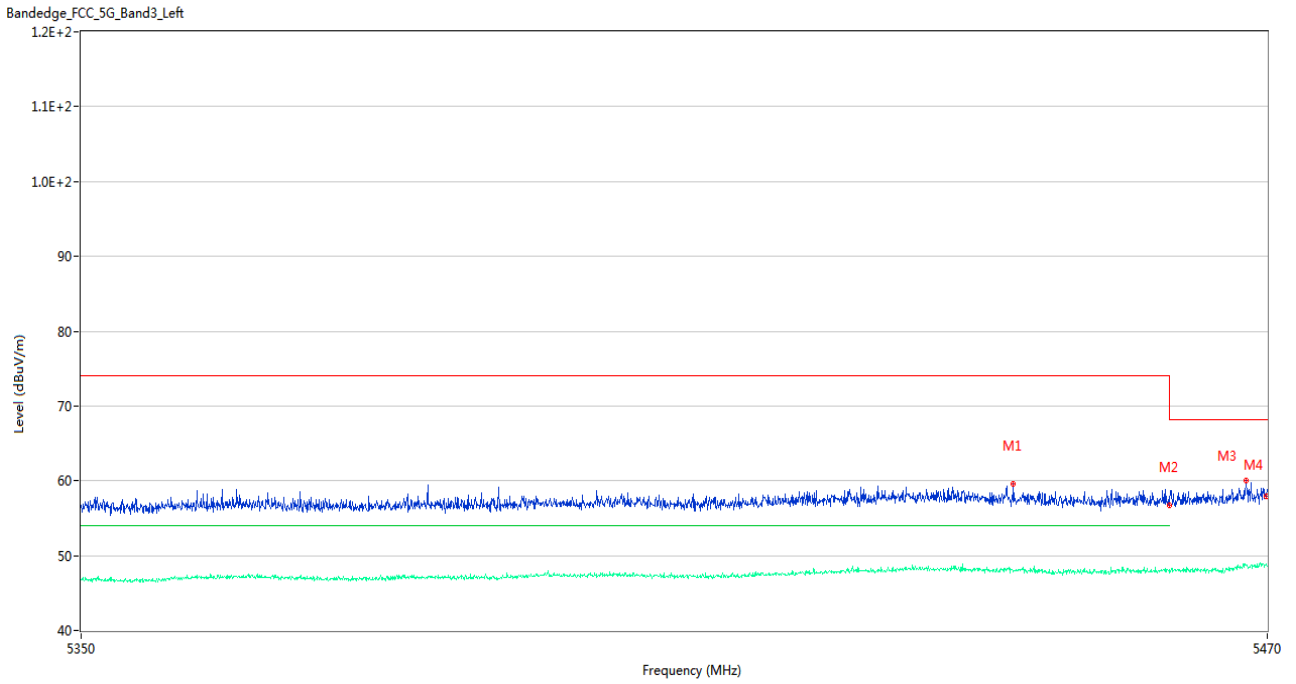
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5125.625	59.24	4.17	74.0	14.76	Peak	145.00	200	Horizontal	Pass
1**	5125.625	47.13	4.17	54.0	6.87	AV	145.00	200	Horizontal	Pass
2	5149.675	55.94	3.43	74.0	18.06	Peak	283.00	100	Horizontal	Pass
2**	5149.675	46.94	3.43	54.0	7.06	AV	283.00	100	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



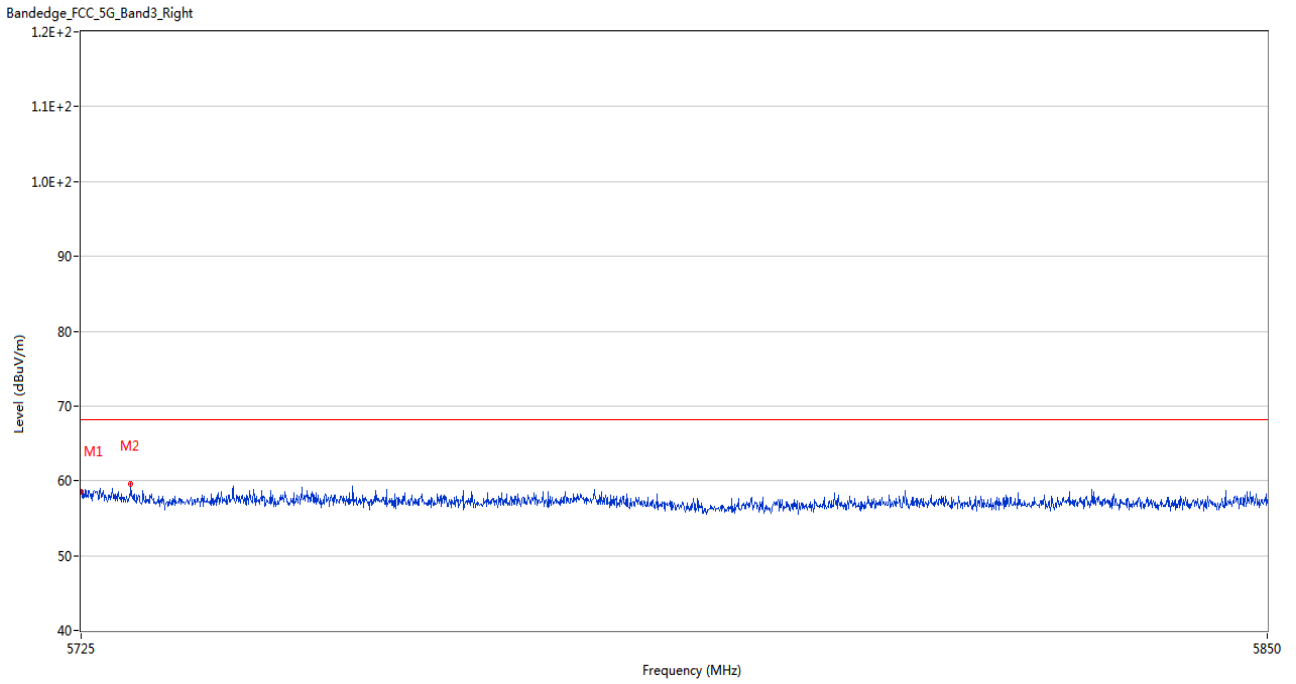
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	57.57	3.25	74.0	16.43	Peak	62.00	200	Horizontal	Pass
1**	5350.055	48.33	3.25	54.0	5.67	AV	62.00	200	Horizontal	Pass
2	5435.250	59.57	4.38	74.0	14.43	Peak	0.00	100	Horizontal	Pass
2**	5435.250	47.95	4.38	54.0	6.05	AV	0.00	100	Horizontal	Pass

U-NII-2C 11a Low Channel



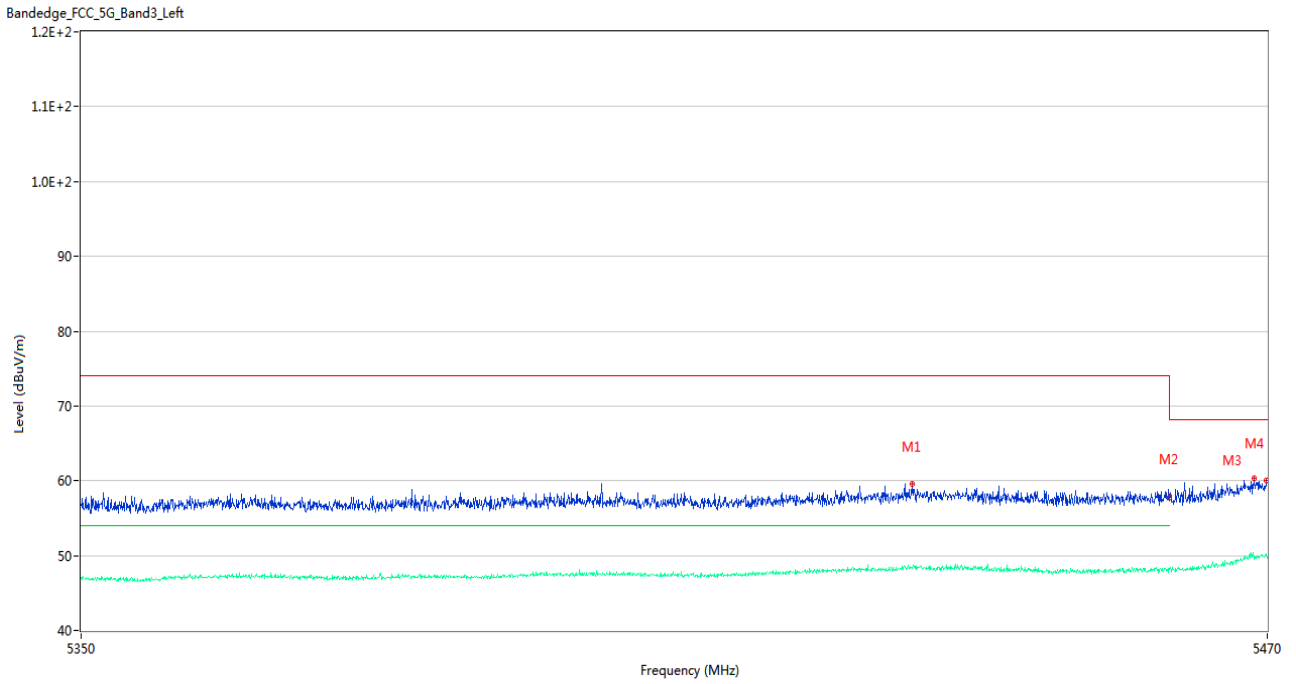
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5444.080	59.65	4.23	74.0	14.35	Peak	322.00	200	Horizontal	Pass
1**	5444.080	47.86	4.23	54.0	6.14	AV	322.00	200	Horizontal	Pass
2	5459.980	56.78	4.10	74.0	17.22	Peak	73.00	200	Horizontal	Pass
2**	5459.980	48.16	4.10	54.0	5.84	AV	73.00	200	Horizontal	Pass
3	5467.840	59.98	4.14	68.2	8.22	Peak	78.00	150	Horizontal	Pass
3**	5467.840	48.70	4.14	--	--	AV	78.00	150	Horizontal	N/A
4	5469.940	57.97	4.06	68.2	10.23	Peak	86.00	150	Horizontal	Pass
4**	5469.940	48.90	4.06	--	--	AV	86.00	150	Horizontal	N/A

U-NII-2C 11a High Channel



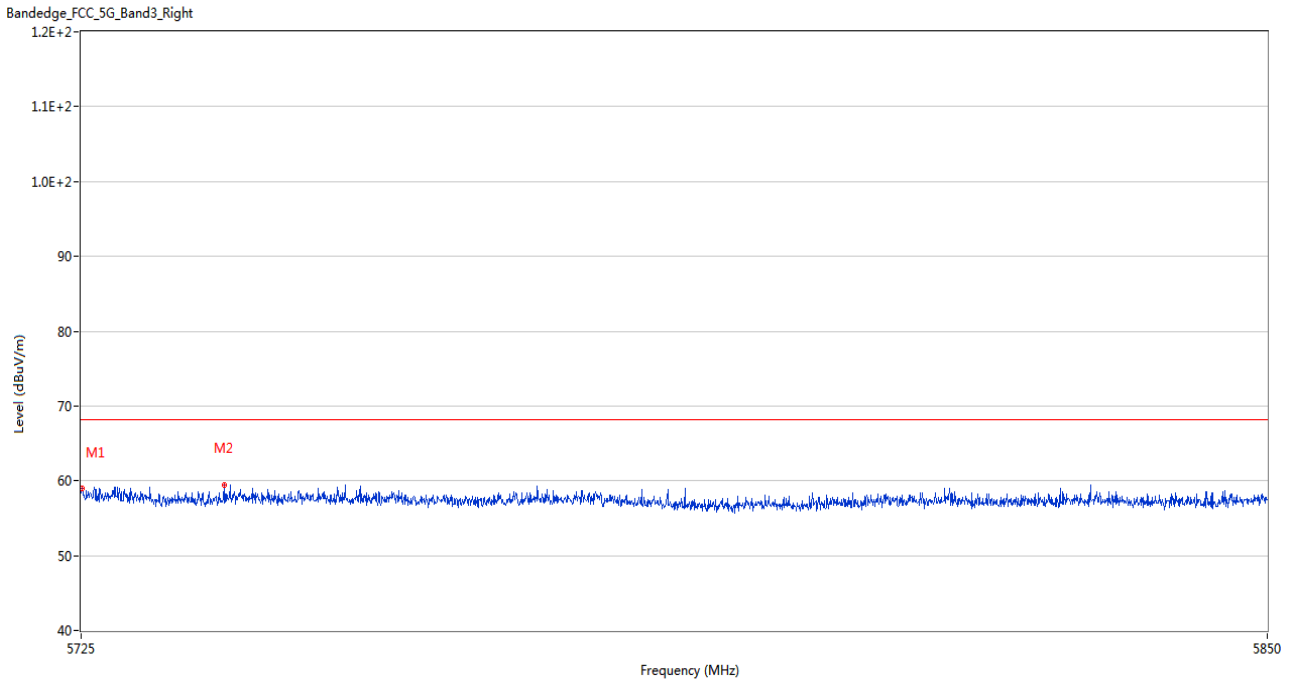
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.53	4.12	68.2	9.67	Peak	87.00	150	Horizontal	Pass
2	5730.187	59.66	4.07	68.2	8.54	Peak	72.00	150	Horizontal	Pass

U-NII-2C 11n20 Low Channel



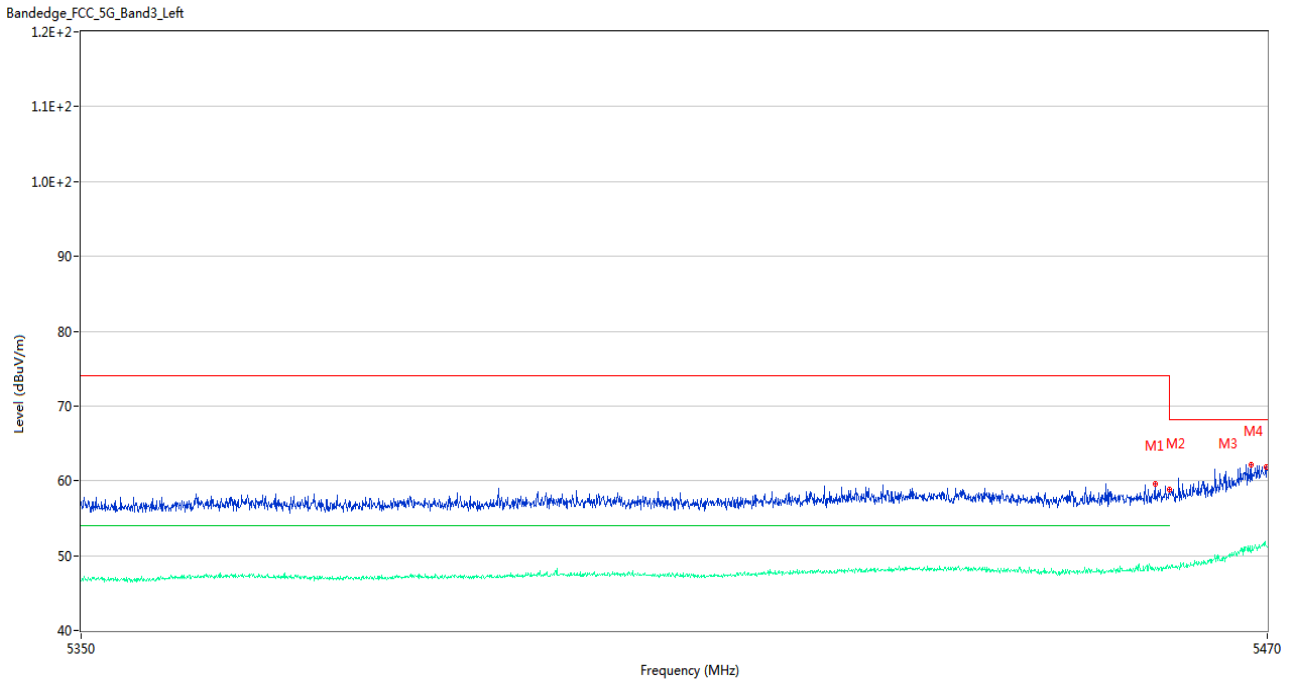
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5433.760	59.60	4.48	74.0	14.40	Peak	248.00	150	Horizontal	Pass
1**	5433.760	48.39	4.48	54.0	5.61	AV	248.00	150	Horizontal	Pass
2	5459.980	57.85	4.10	74.0	16.15	Peak	40.00	200	Horizontal	Pass
2**	5459.980	48.22	4.10	54.0	5.78	AV	40.00	200	Horizontal	Pass
3	5468.620	60.32	4.11	68.2	7.88	Peak	53.00	200	Horizontal	Pass
3**	5468.620	49.49	4.11	--	--	AV	53.00	200	Horizontal	N/A
4	5469.940	59.98	4.06	68.2	8.22	Peak	65.00	150	Horizontal	Pass
4**	5469.940	50.04	4.06	--	--	AV	65.00	150	Horizontal	N/A

U-NII-2C 11n20 High Channel



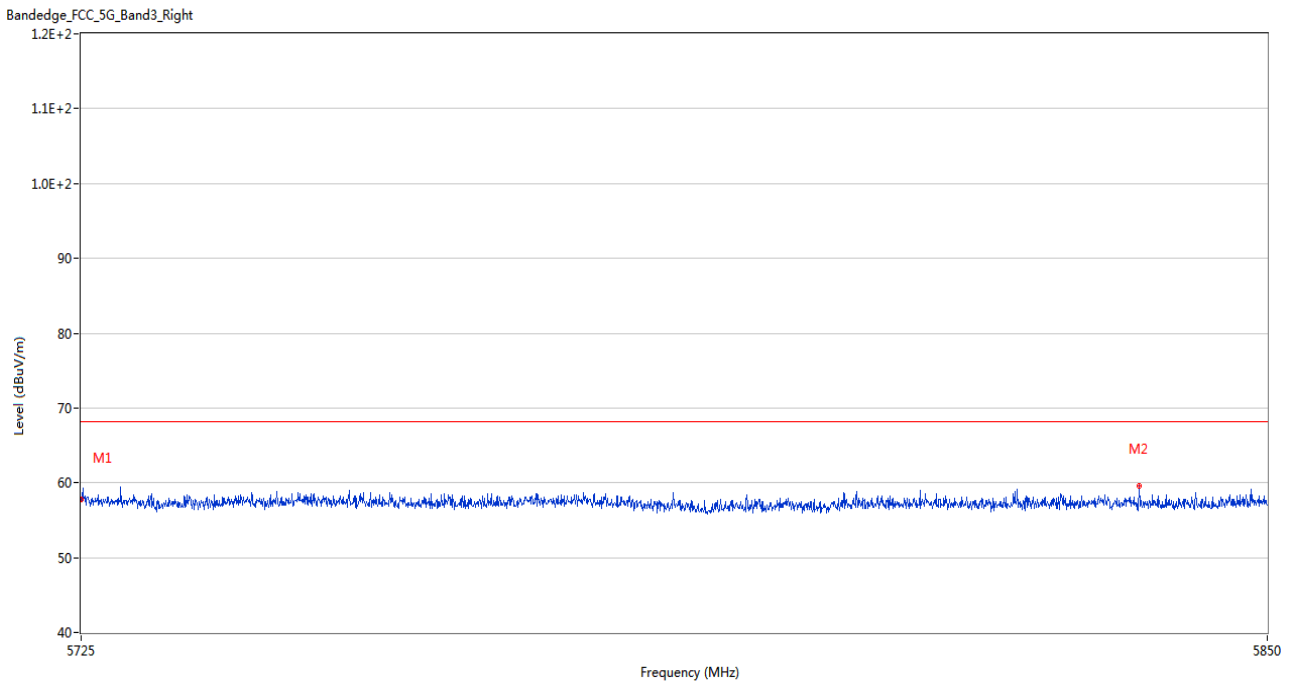
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	58.94	4.12	68.2	9.26	Peak	75.00	150	Horizontal	Pass
2	5740.000	59.43	3.91	68.2	8.77	Peak	68.00	150	Horizontal	Pass

U-NII-2C 11n40 Low Channel



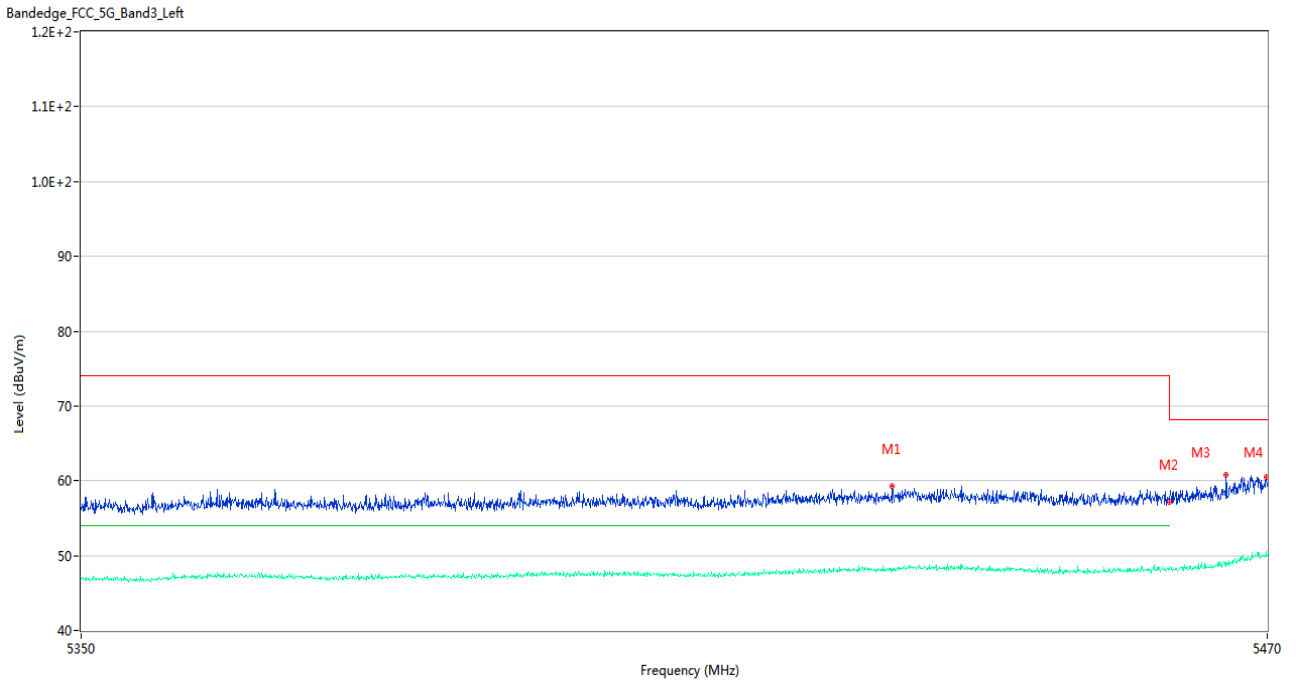
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.540	59.64	4.08	74.0	14.36	Peak	42.00	150	Horizontal	Pass
1**	5458.540	48.33	4.08	54.0	5.67	AV	42.00	150	Horizontal	Pass
2	5459.980	58.78	4.10	74.0	15.22	Peak	87.00	200	Horizontal	Pass
2**	5459.980	48.57	4.10	54.0	5.43	AV	87.00	200	Horizontal	Pass
3	5468.320	62.11	4.12	68.2	6.09	Peak	78.00	200	Horizontal	Pass
3**	5468.320	50.69	4.12	--	--	AV	78.00	200	Horizontal	N/A
4	5469.940	61.86	4.06	68.2	6.34	Peak	79.00	150	Horizontal	Pass
4**	5469.940	51.27	4.06	--	--	AV	79.00	150	Horizontal	N/A

U-NII-2C 11n40 High Channel



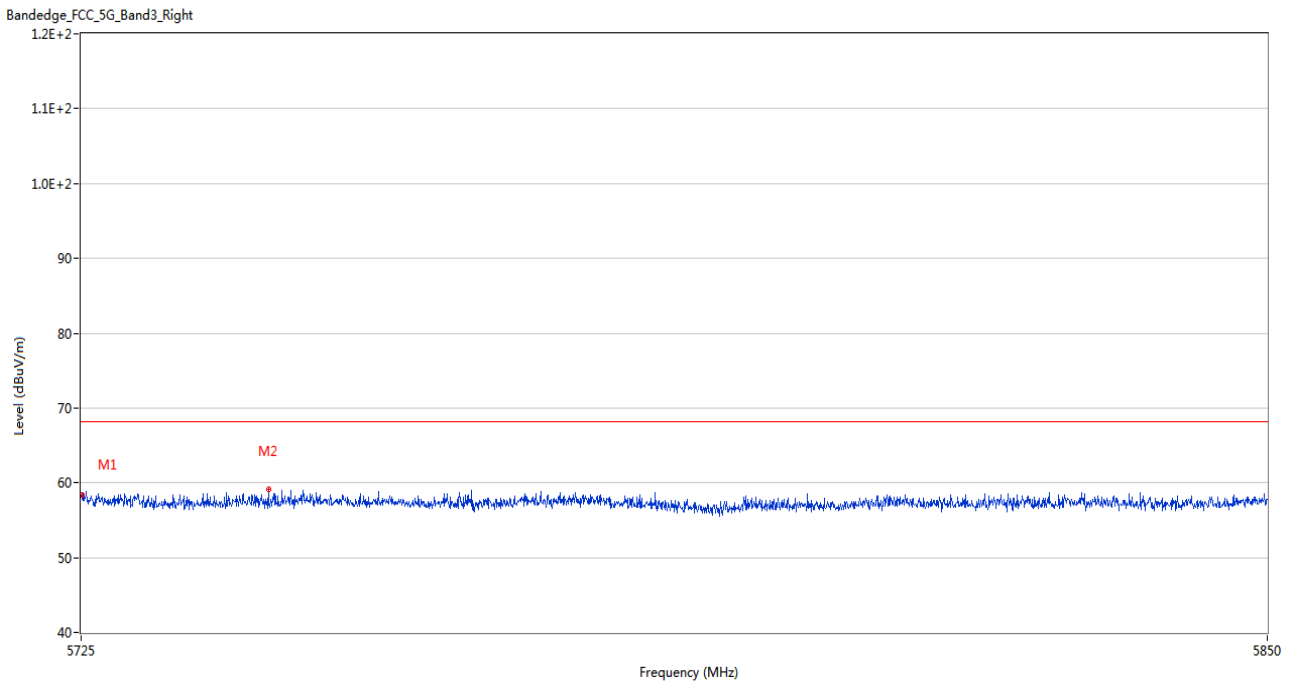
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.82	4.12	68.2	10.38	Peak	150.00	150	Horizontal	Pass
2	5836.375	59.63	3.88	68.2	8.57	Peak	38.00	200	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



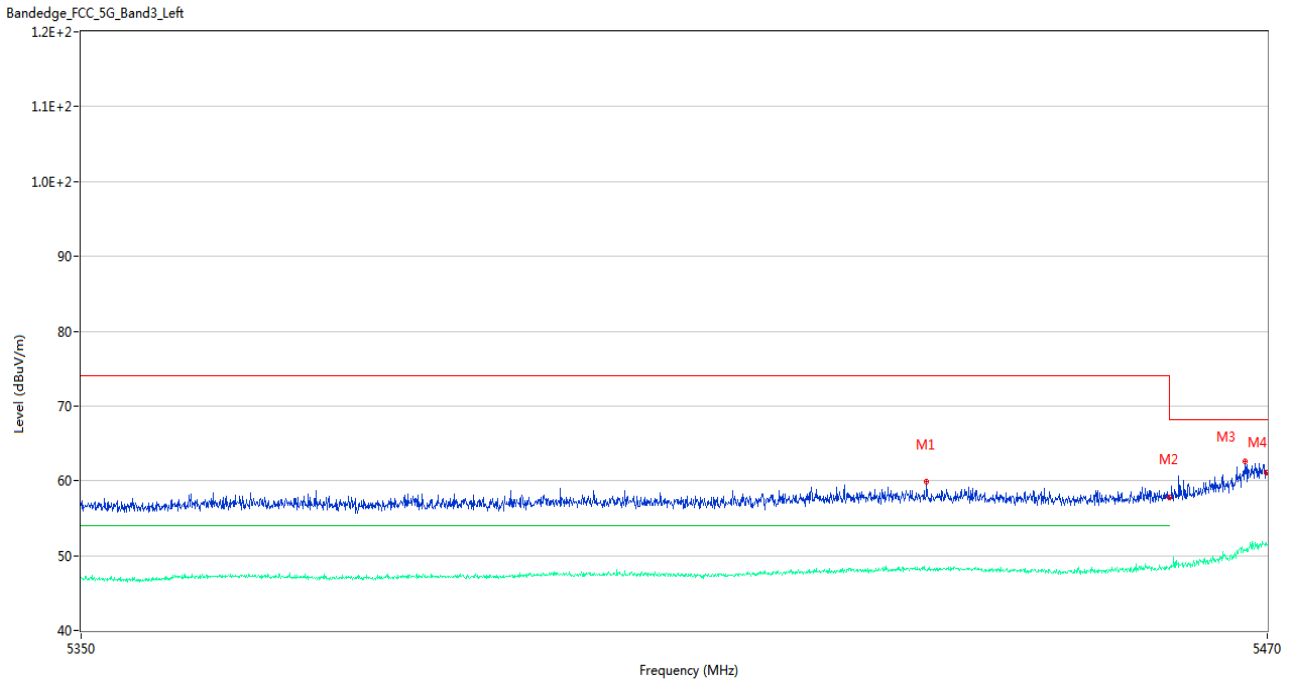
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5431.780	59.31	4.19	74.0	14.69	Peak	263.00	100	Horizontal	Pass
1**	5431.780	47.95	4.19	54.0	6.05	AV	263.00	100	Horizontal	Pass
2	5459.980	57.19	4.10	74.0	16.81	Peak	106.00	150	Horizontal	Pass
2**	5459.980	48.10	4.10	54.0	5.90	AV	106.00	150	Horizontal	Pass
3	5465.800	60.87	3.98	68.2	7.33	Peak	84.00	100	Horizontal	Pass
3**	5465.800	49.07	3.98	--	--	AV	84.00	100	Horizontal	N/A
4	5469.940	60.56	4.06	68.2	7.64	Peak	74.00	150	Horizontal	Pass
4**	5469.940	50.48	4.06	--	--	AV	74.00	150	Horizontal	N/A

U-NII-2C 11ac20 High Channel



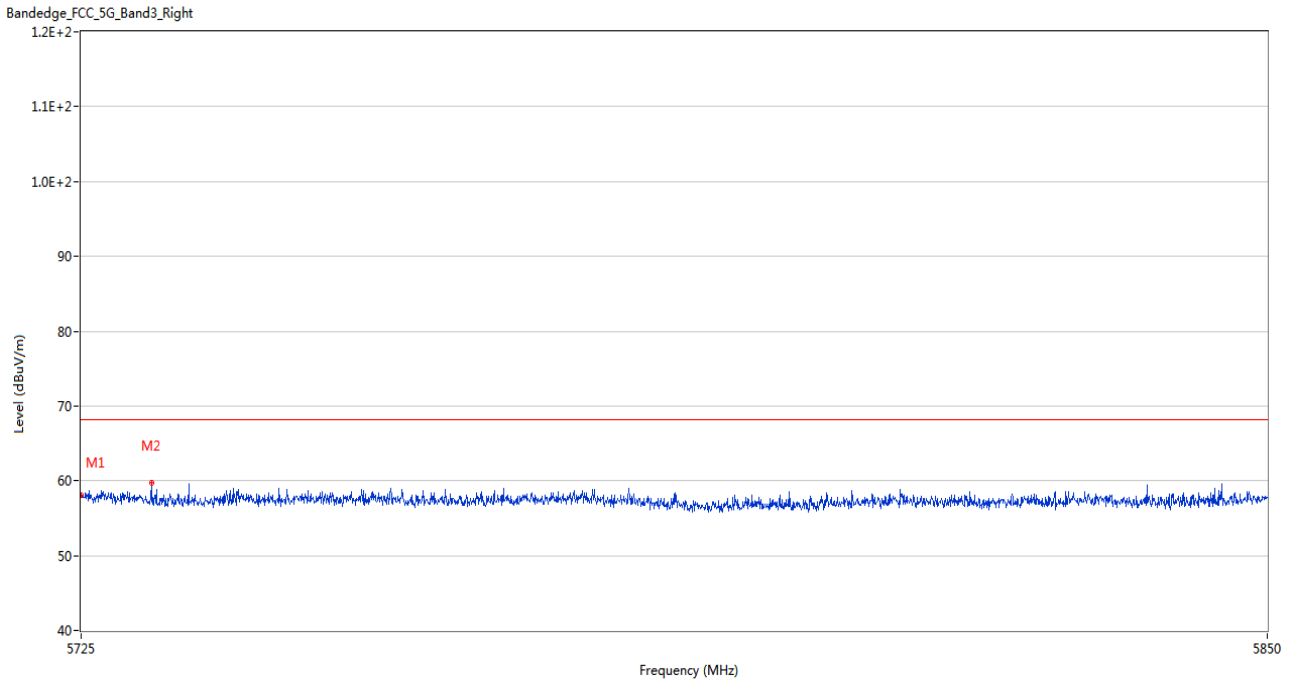
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	58.45	4.12	68.2	9.75	Peak	102.00	150	Horizontal	Pass
2	5744.563	59.21	3.80	68.2	8.99	Peak	287.00	200	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



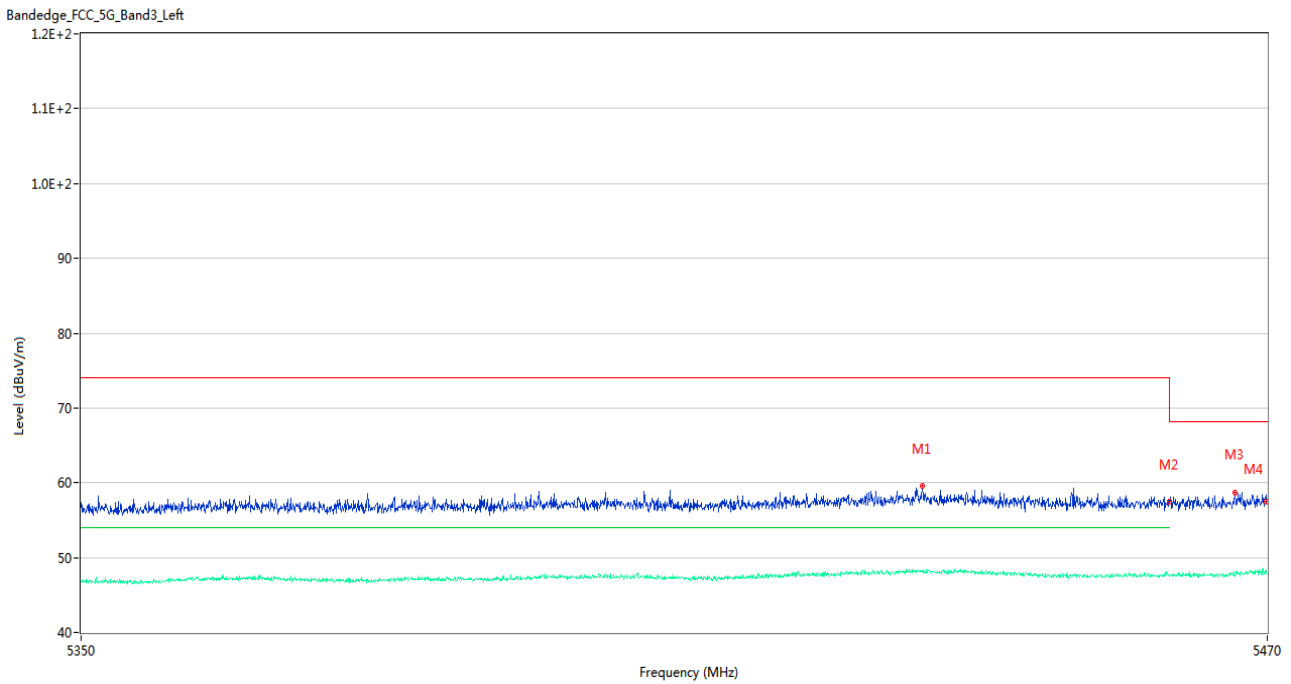
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5435.260	59.82	4.38	74.0	14.18	Peak	54.00	100	Horizontal	Pass
1**	5435.260	48.02	4.38	54.0	5.98	AV	54.00	100	Horizontal	Pass
2	5459.980	57.84	4.10	74.0	16.16	Peak	360.00	100	Horizontal	Pass
2**	5459.980	48.50	4.10	54.0	5.50	AV	360.00	100	Horizontal	Pass
3	5467.720	62.61	4.14	68.2	5.59	Peak	95.00	100	Horizontal	Pass
3**	5467.720	50.64	4.14	--	--	AV	95.00	100	Horizontal	N/A
4	5469.940	61.13	4.06	68.2	7.07	Peak	54.00	150	Horizontal	Pass
4**	5469.940	51.72	4.06	--	--	AV	54.00	150	Horizontal	N/A

U-NII-2C 11ac40 High Channel



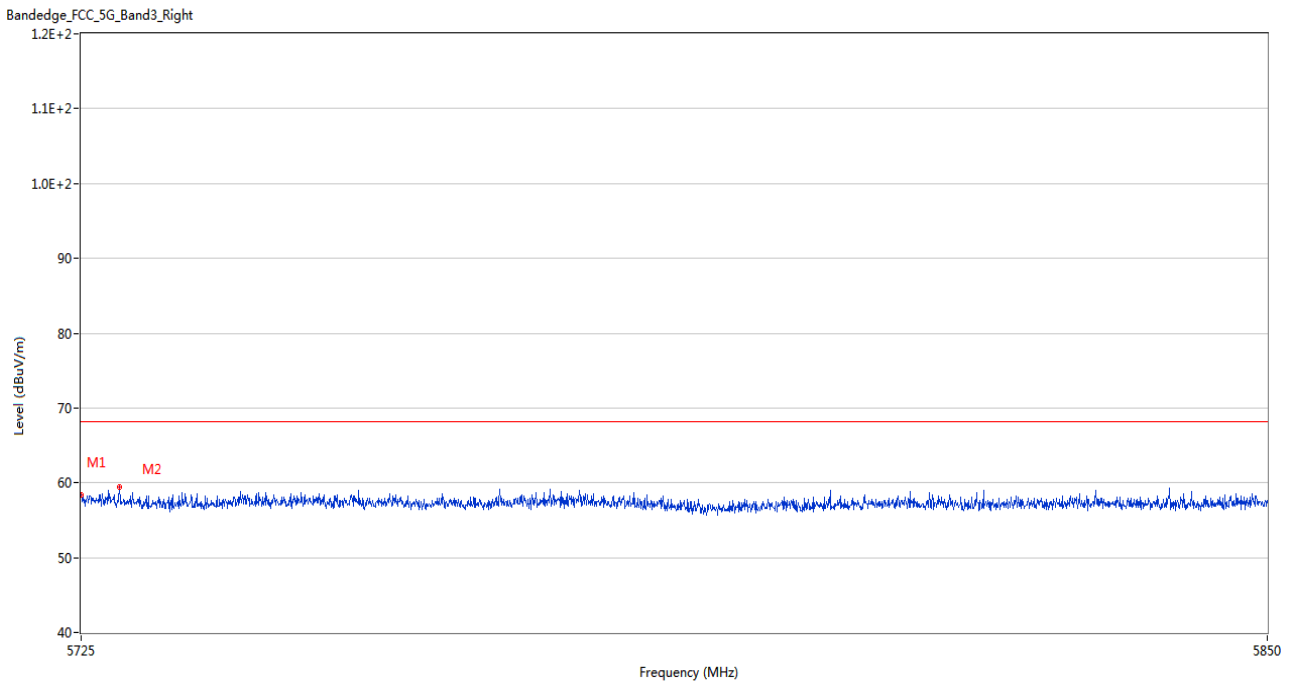
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.07	4.12	68.2	10.13	Peak	189.00	200	Horizontal	Pass
2	5732.313	59.69	3.83	68.2	8.51	Peak	210.00	100	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



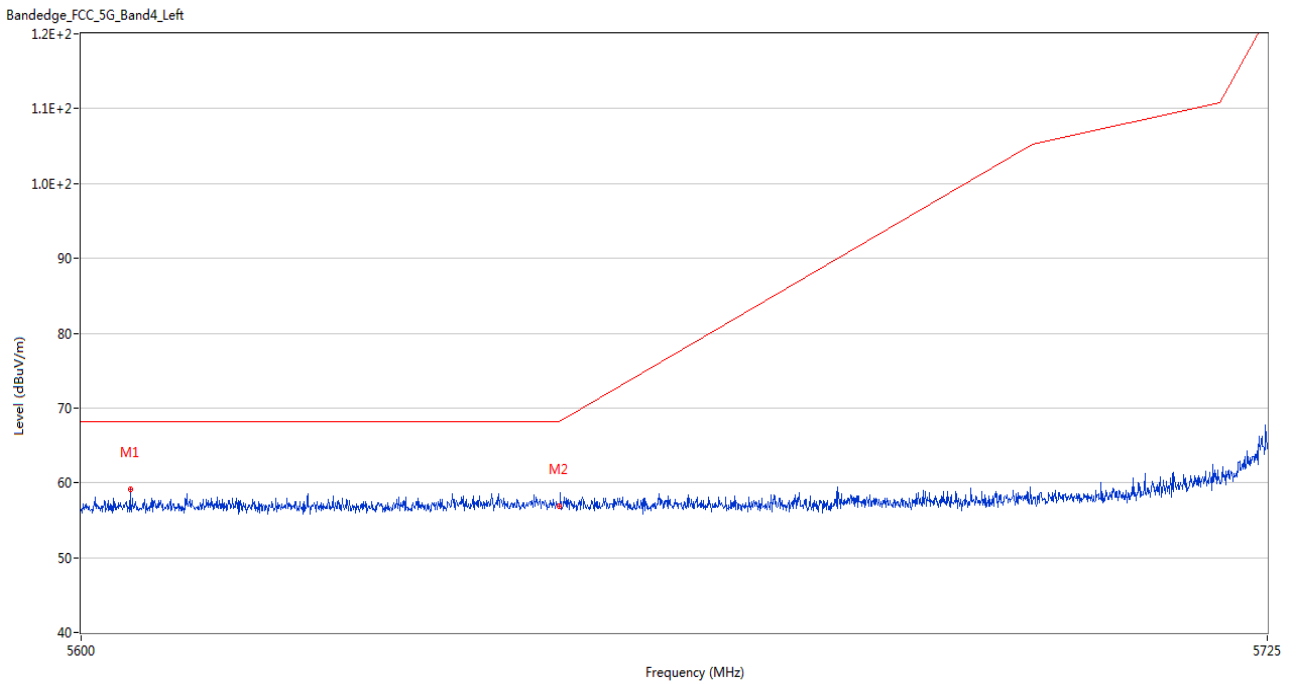
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5434.840	59.52	4.41	74.0	14.48	Peak	331.00	200	Horizontal	Pass
1**	5434.840	48.17	4.41	54.0	5.83	AV	331.00	200	Horizontal	Pass
2	5459.980	57.48	4.10	74.0	16.52	Peak	192.00	100	Horizontal	Pass
2**	5459.980	47.65	4.10	54.0	6.35	AV	192.00	100	Horizontal	Pass
3	5466.700	58.74	4.06	68.2	9.46	Peak	61.00	150	Horizontal	Pass
3**	5466.700	47.60	4.06	--	--	AV	61.00	150	Horizontal	N/A
4	5469.940	57.49	4.06	68.2	10.71	Peak	217.00	100	Horizontal	Pass
4**	5469.940	48.14	4.06	--	--	AV	217.00	100	Horizontal	N/A

U-NII-2C 11ac80 High Channel



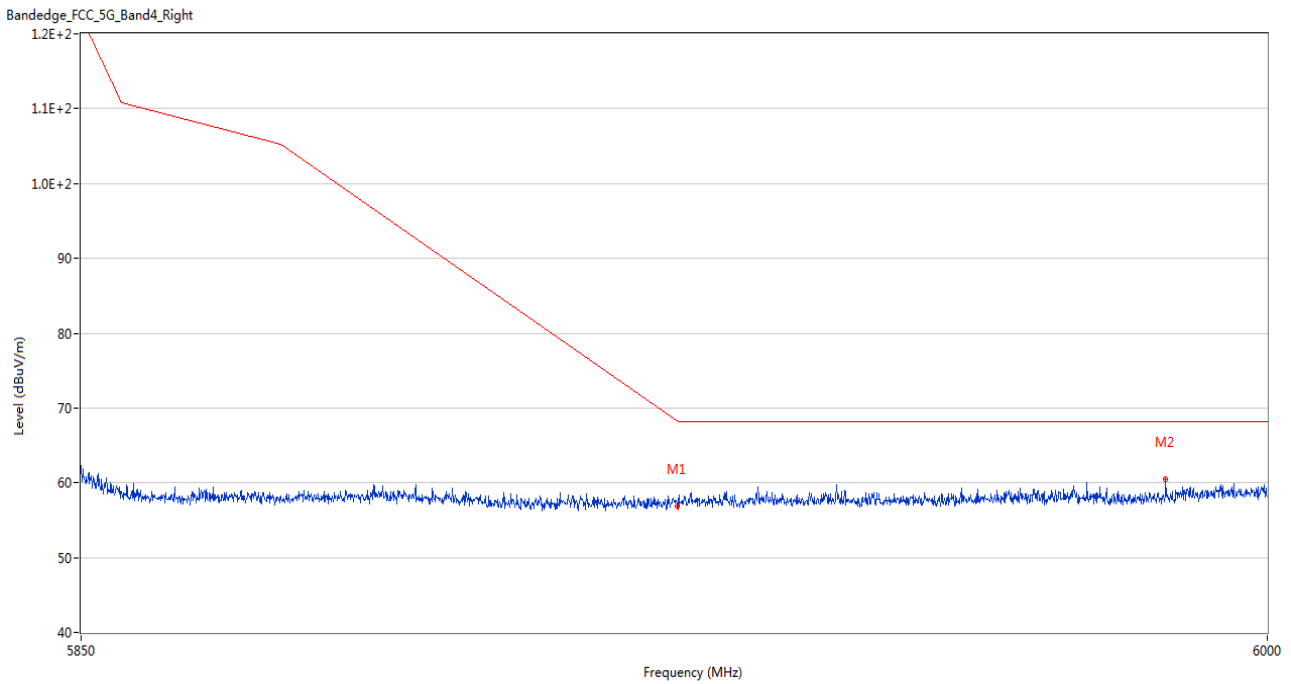
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.32	4.12	68.2	9.88	Peak	0.00	200	Horizontal	Pass
2	5729.000	59.47	4.11	68.2	8.73	Peak	0.00	150	Horizontal	Pass

U-NII-3 11a Low Channel



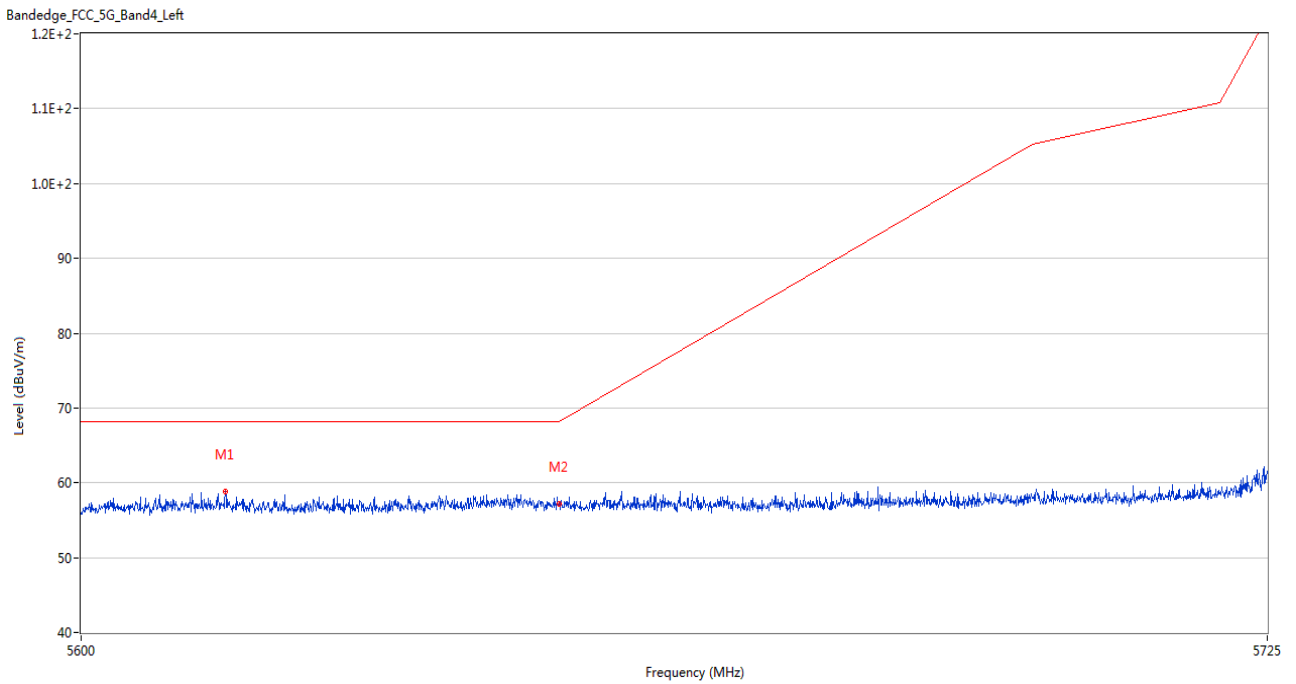
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5605.125	59.15	3.59	68.2	9.05	Peak	121.00	150	Horizontal	Pass
2	5650.000	56.81	3.83	68.2	11.39	Peak	270.00	200	Horizontal	Pass

U-NII-3 11a High Channel



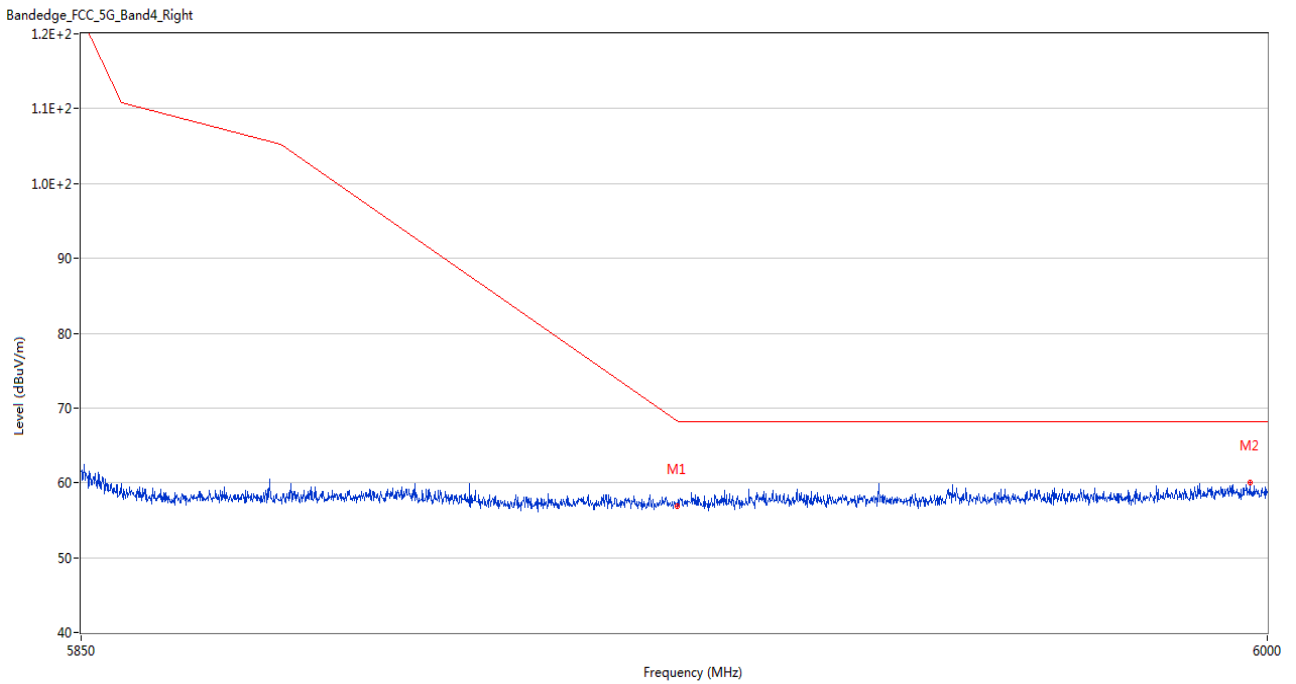
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	56.89	3.64	68.3	11.41	Peak	245.00	100	Horizontal	Pass
2	5987.025	60.53	4.87	68.2	7.67	Peak	304.00	150	Horizontal	Pass

U-NII-3 11n20 Low Channel



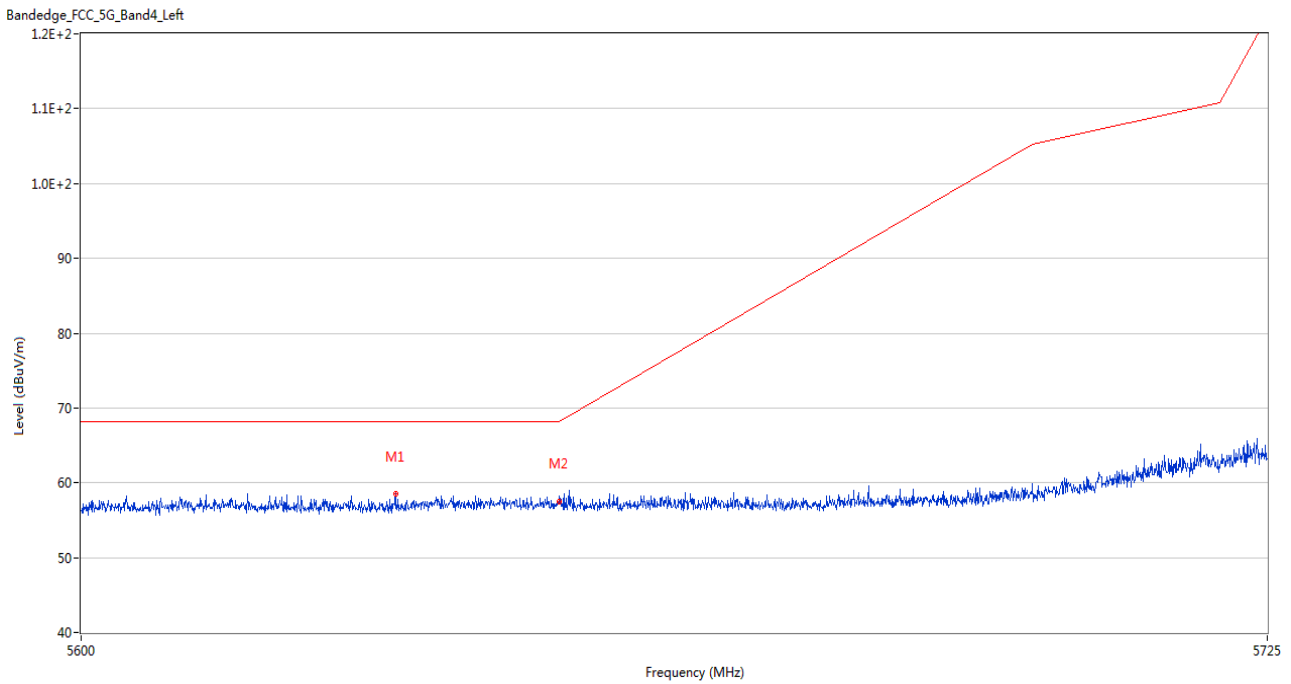
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5615.063	58.80	3.76	68.2	9.40	Peak	272.00	100	Horizontal	Pass
2	5650.000	57.13	3.83	68.2	11.07	Peak	29.00	200	Horizontal	Pass

U-NII-3 11n20 High Channel



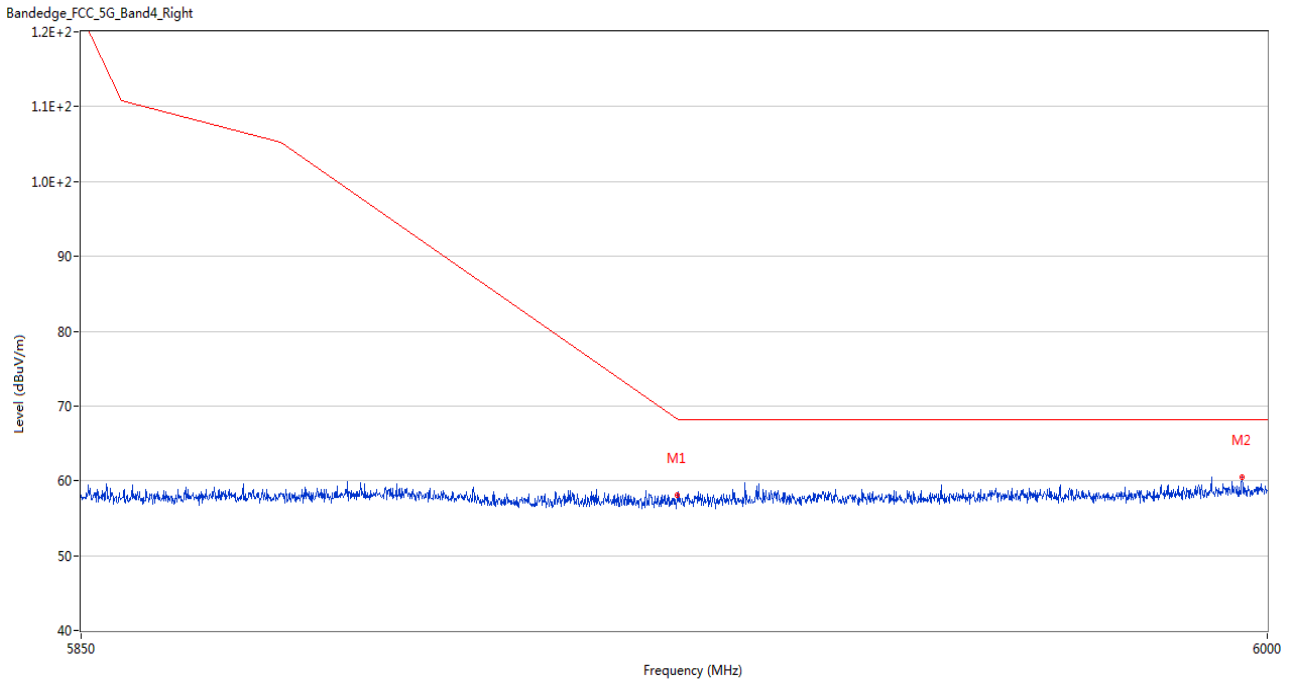
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	56.83	3.64	68.3	11.47	Peak	84.00	150	Horizontal	Pass
2	5997.750	59.98	5.73	68.2	8.22	Peak	135.00	150	Horizontal	Pass

U-NII-3 11n40 Low Channel



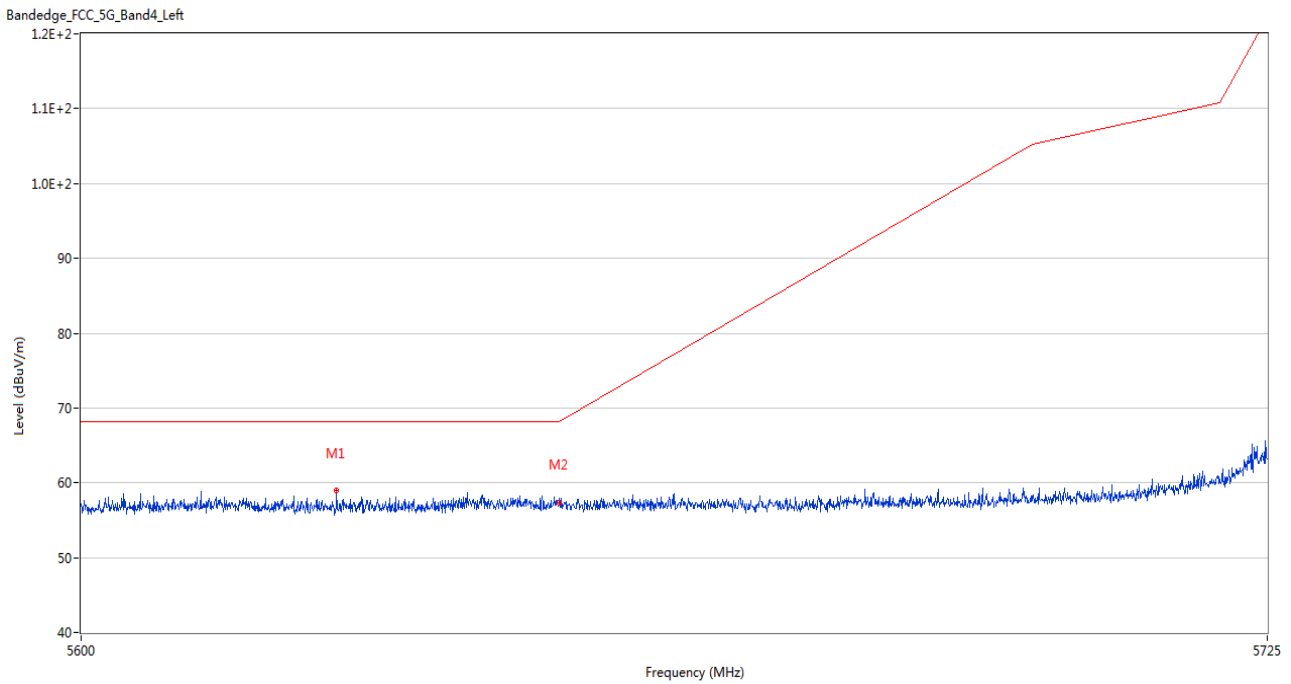
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5632.875	58.46	3.50	68.2	9.74	Peak	248.00	150	Horizontal	Pass
2	5650.000	57.53	3.83	68.2	10.67	Peak	116.00	150	Horizontal	Pass

U-NII-3 11n40 High Channel



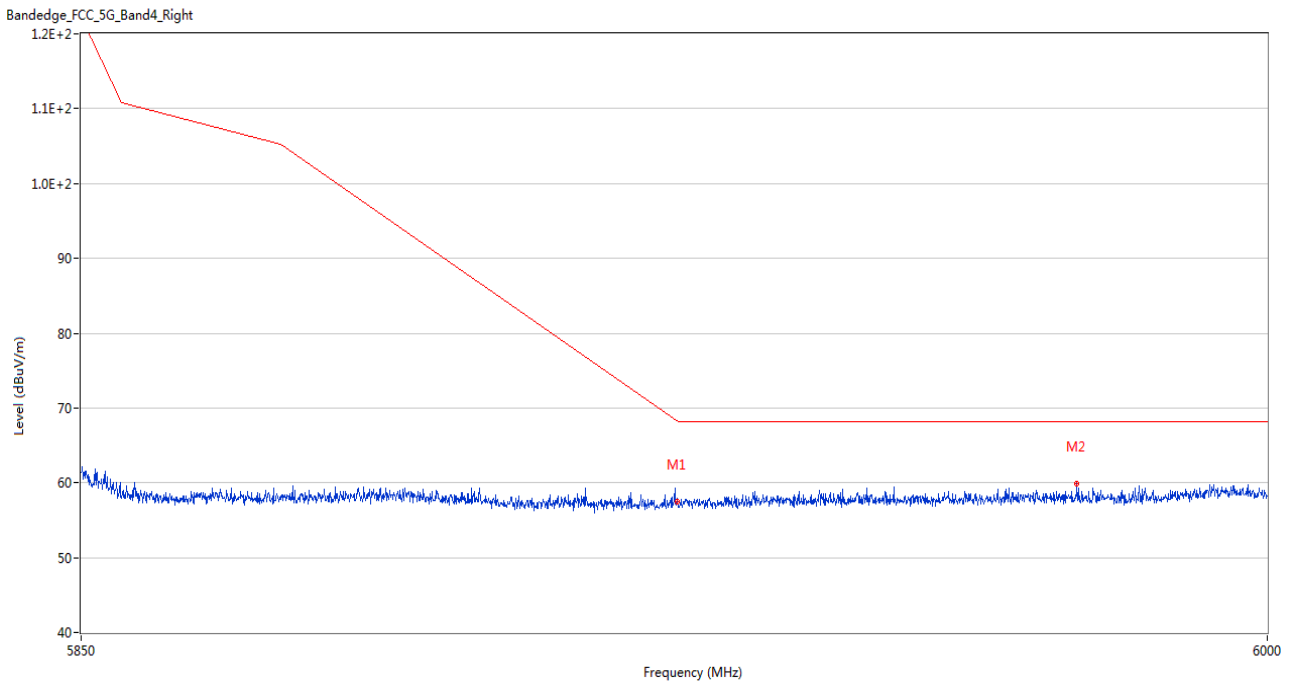
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	58.03	3.64	68.3	10.27	Peak	120.00	200	Horizontal	Pass
2	5996.775	60.48	5.66	68.2	7.72	Peak	135.00	200	Horizontal	Pass

U-NII-3 11ac20 Low Channel



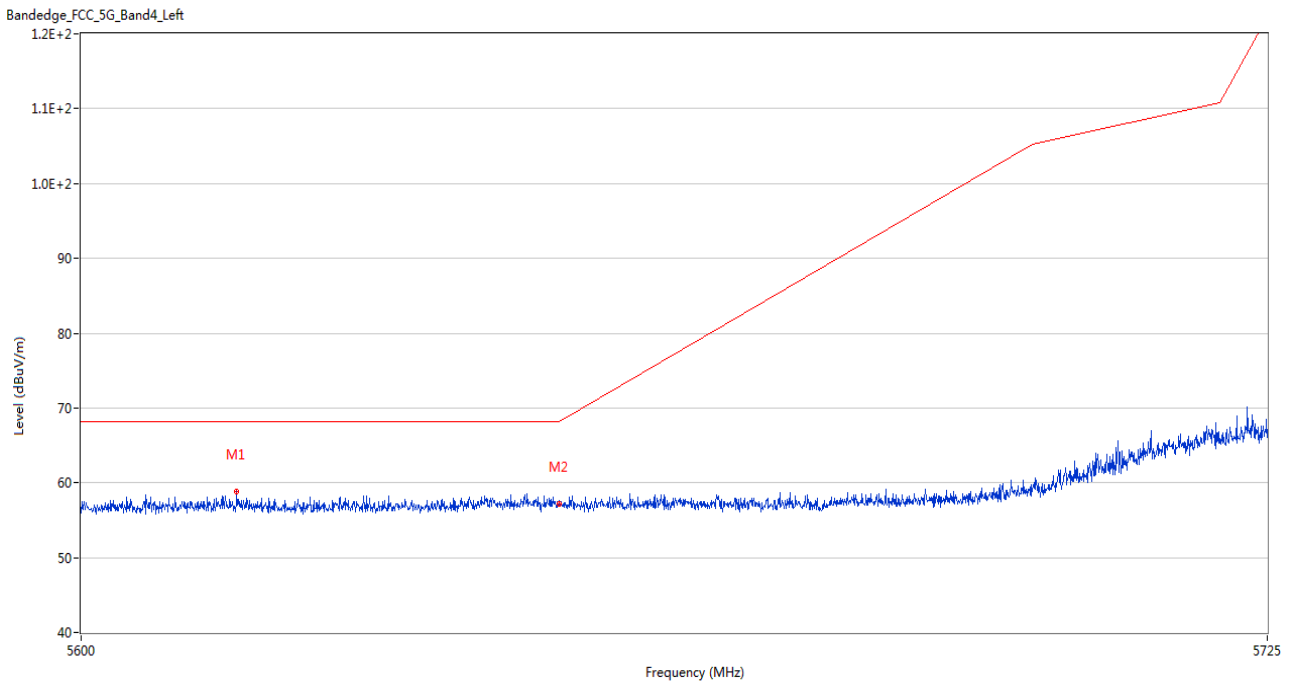
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5626.687	58.98	3.50	68.2	9.22	Peak	186.00	200	Horizontal	Pass
2	5650.000	57.39	3.83	68.2	10.81	Peak	233.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



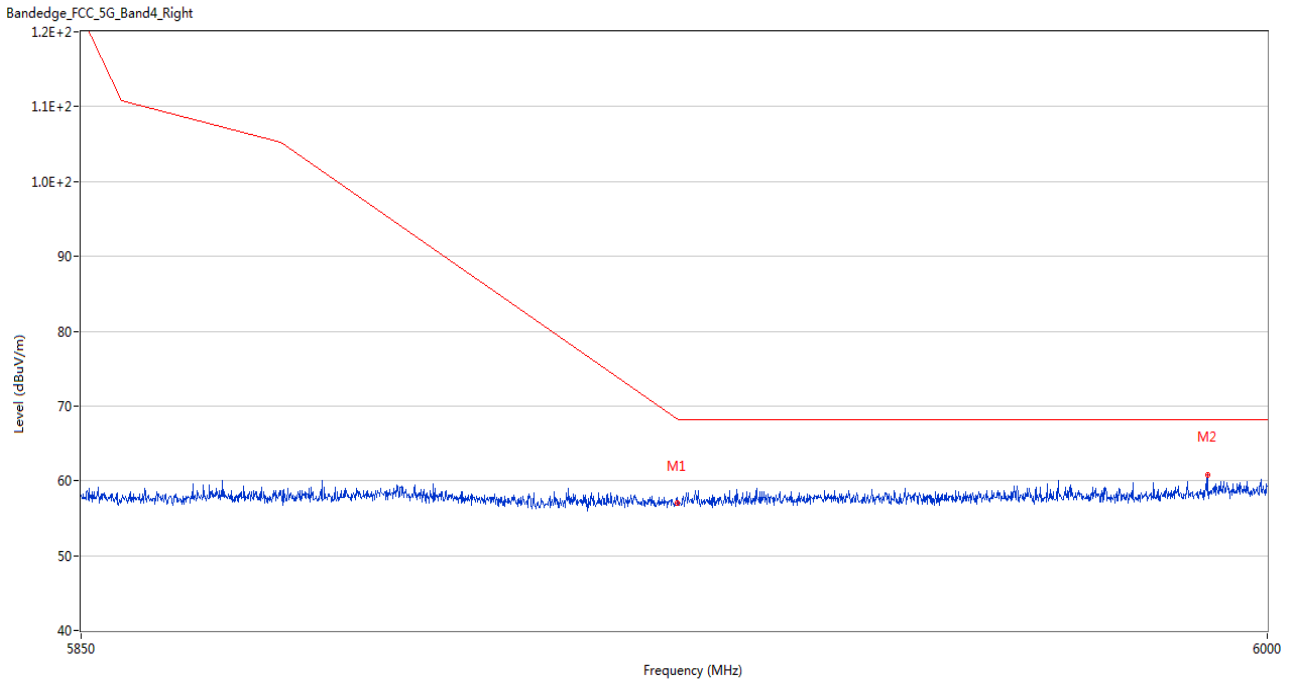
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	57.49	3.64	68.3	10.81	Peak	248.00	100	Horizontal	Pass
2	5975.700	59.88	4.95	68.2	8.32	Peak	239.00	200	Horizontal	Pass

U-NII-3 11ac40 Low Channel



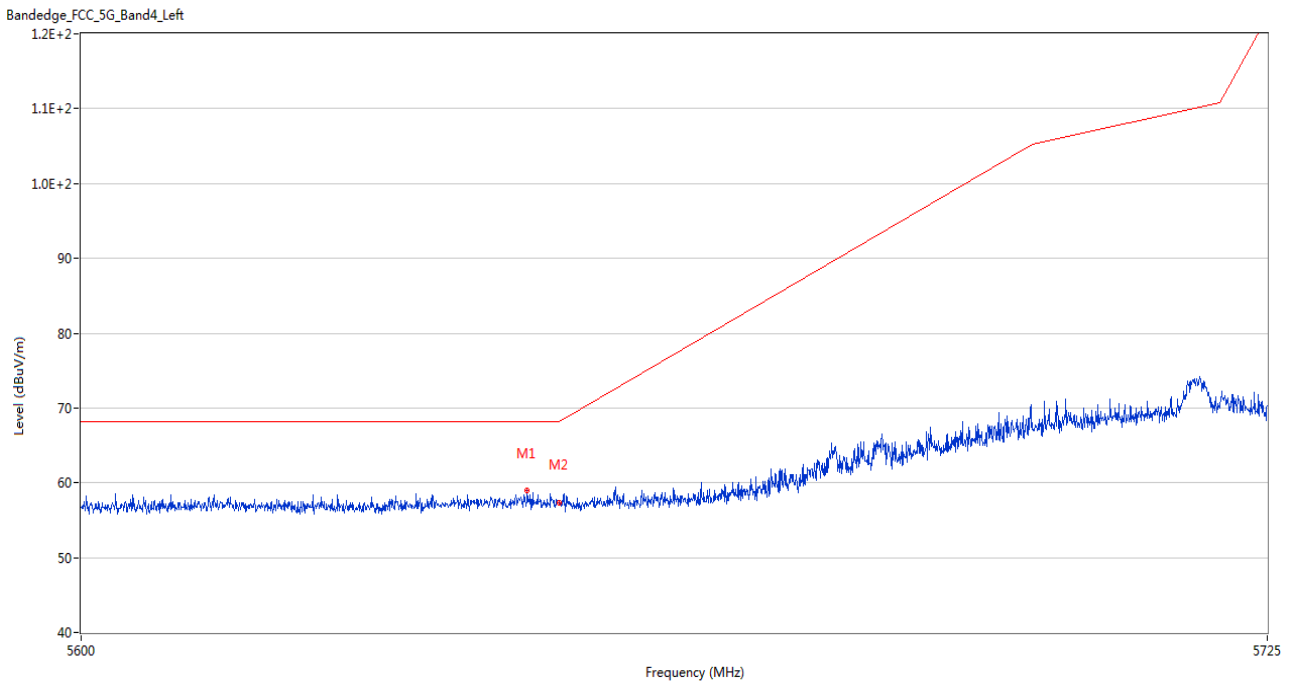
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5616.250	58.77	3.74	68.2	9.43	Peak	71.00	200	Horizontal	Pass
2	5650.000	57.11	3.83	68.2	11.09	Peak	360.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel



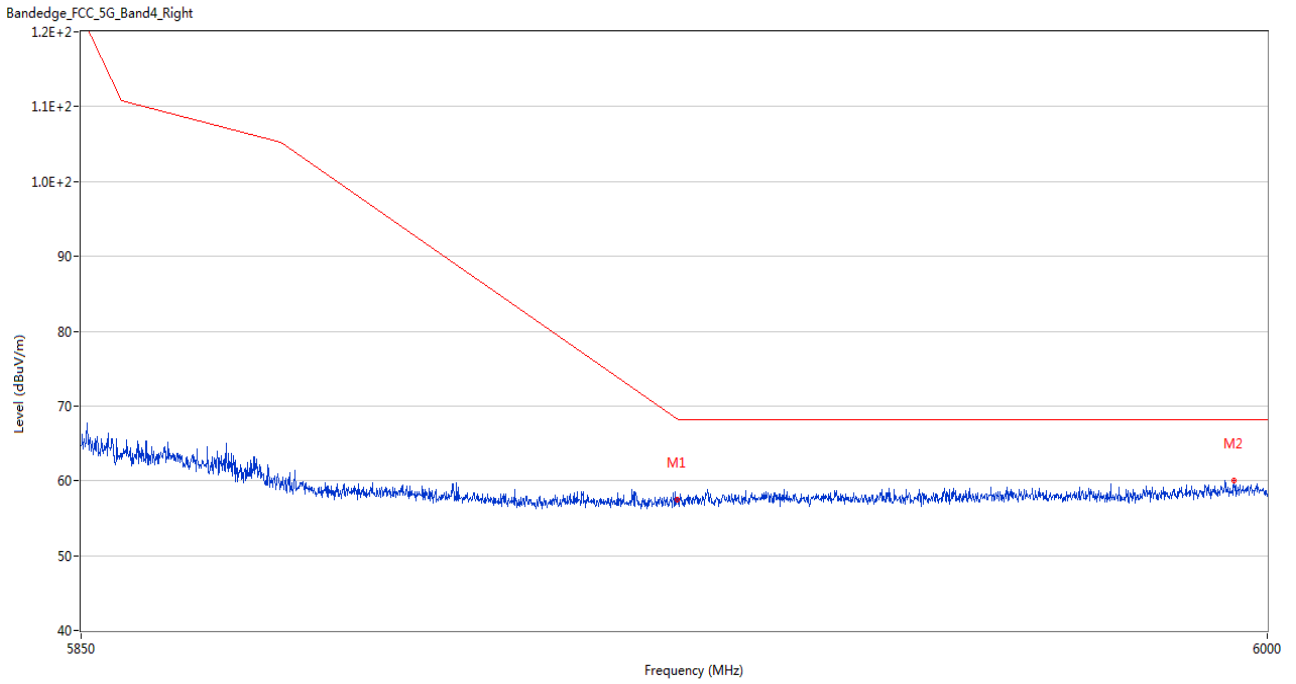
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	57.06	3.64	68.3	11.24	Peak	153.00	200	Horizontal	Pass
2	5992.350	60.85	5.27	68.2	7.35	Peak	0.00	100	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.688	58.96	3.91	68.2	9.24	Peak	177.00	150	Horizontal	Pass
2	5650.000	57.40	3.83	68.2	10.80	Peak	251.00	150	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	57.49	3.64	68.3	10.81	Peak	214.00	100	Horizontal	Pass
2	5995.800	60.02	5.68	68.2	8.18	Peak	180.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ23A0041-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ23A0041-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ23A0041-AI.PDF”.

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--END OF REPORT--