TEST REPORT

Applicant:	SIMCom Wireless Solutions Limited
Address:	Building 3, No.289, Linhong Road, Changning District, Shanghai, P.R. China
Equipment Type:	LTE Wireless Data Module
Model Name:	SIM8971NA
Brand Name:	SIMCom
FCC ID:	2AJYU-8XK0001
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	May 04, 2023
Test Date:	May 16, 2023 - Jun. 03, 2023
Date of Issue:	Aug. 23, 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
Rev. 01	Aug. 23, 2023	Initial Issue

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	SIMCom Wireless Solutions Limited
Address	Building 3, No.289, Linhong Road, Changning District, Shanghai, P.R. China

2.2 Manufacturer Information

Manufacturer	SIMCom Wireless Solutions Limited
Address	Building 3, No.289, Linhong Road, Changning District, Shanghai, P.R. China

2.3 General Description for Equipment under Test (EUT)

EUT Name	LTE Wireless Data Module
Model Name Under Test	SIM8971NA
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	SIM8971EA_V1.02
Software Version	SIM8971B01V08
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/13/17/25/26 LTE TDD Band 41 Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, GPS, GLONASS, BDS

The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☒ Mobile ☐ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Mobile 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: 61.80 mW U-NII-2A: 61.38 mW U-NII-2C: 61.94 mW U-NII-3: 59.43 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	Dipole Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 2.65 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.33 dBi U-NII-2C: 5470 MHz to 5725 MHz: 3.20 dBi U-NII-3: 5725 MHz to 5850 MHz: 4.32 dBi
About the Product	The equipment is LTE Wireless Data Module, 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 (5150 - 5250 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

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	61% to 68%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.6℃ to +25.7℃
	LT (Low Temperature)	+5℃
	HT (High Temperature)	+35℃
Working Voltage of the EUT	NV (Normal Voltage)	3.90 V
	LV (Low Voltage)	3.40 V
	HV (High Voltage)	4.40 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	2022.07.28	2023.07.27
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2022.12.28	2023.12.27
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2022.09.06	2023.09.05
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2022.06.29	2023.06.28
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2022.02.03	2025.02.02
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2024.09.03
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2022.09.09	2023.09.08
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
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2022.09.08	2023.09.07
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.26	2026.03.03
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2022.09.09	2023.09.08
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
Amplifier	COM-MV	LSCX_LNA 1-12G-01	180602	2020.09.08	2023.09.07
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2020.09.08	2023.09.07
Amplifier	COM-MV	KA_LNA18-	18050001	2020.09.08	2023.09.07

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
		40G-01			
Amplifier	COM-MV	ZT30-1000M	B2017119082	2022.12.07	2023.12.06

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	V19.8.28.435	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.

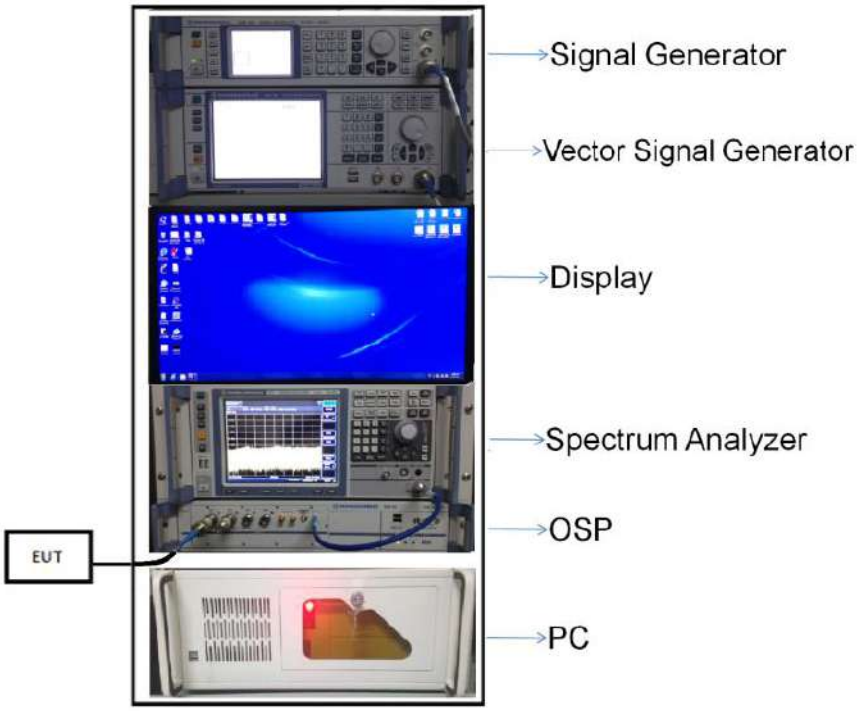
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.82°C
Humidity	4.1%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

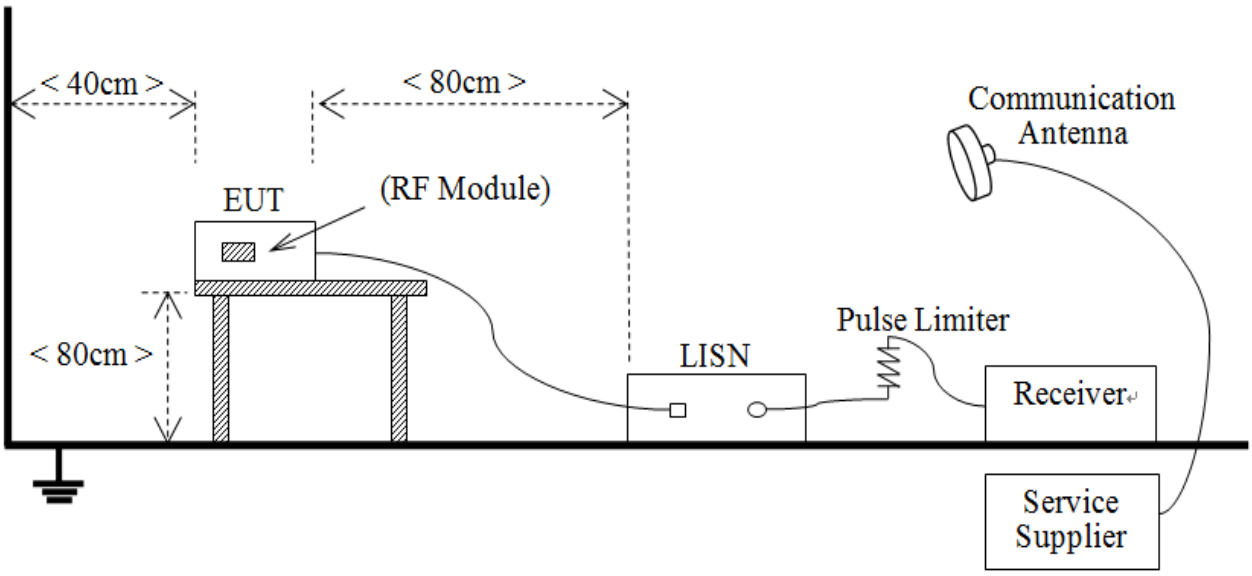
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

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



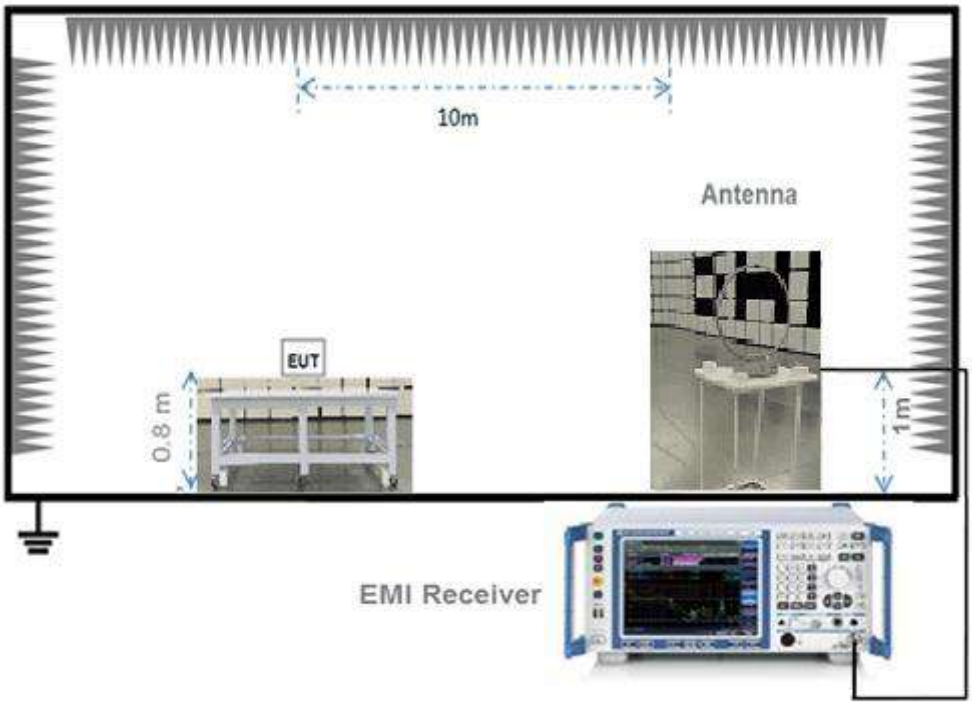
(Diagram 1)

4.5.2 For AC Power Supply Port Test



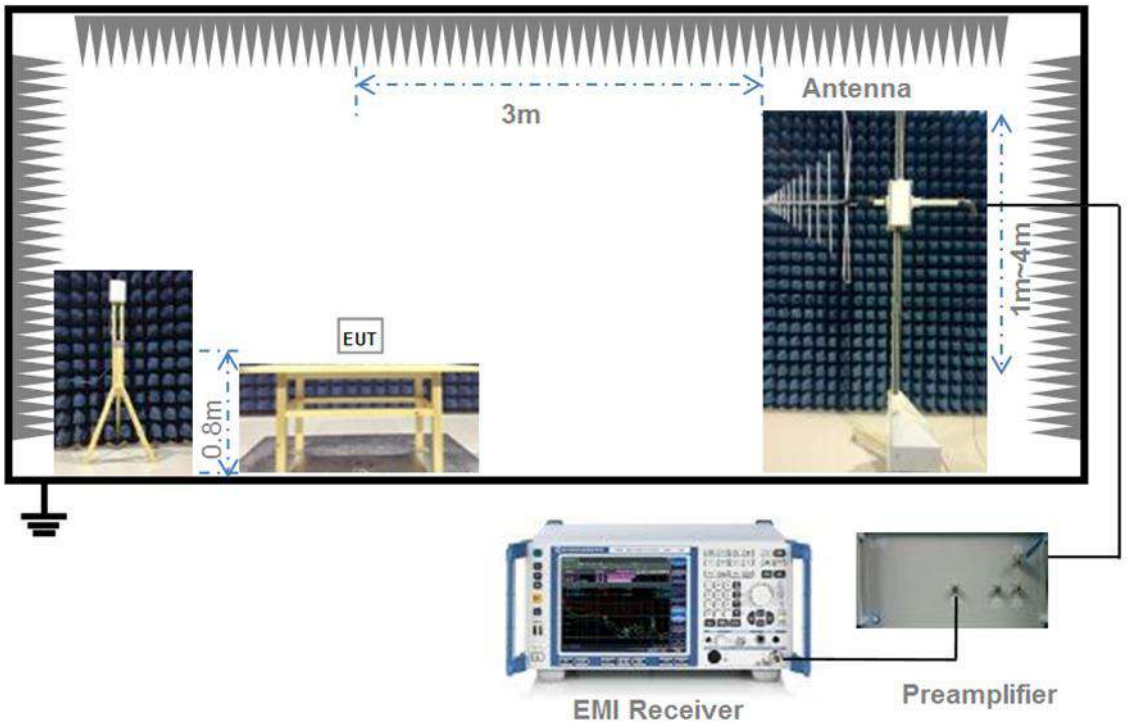
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



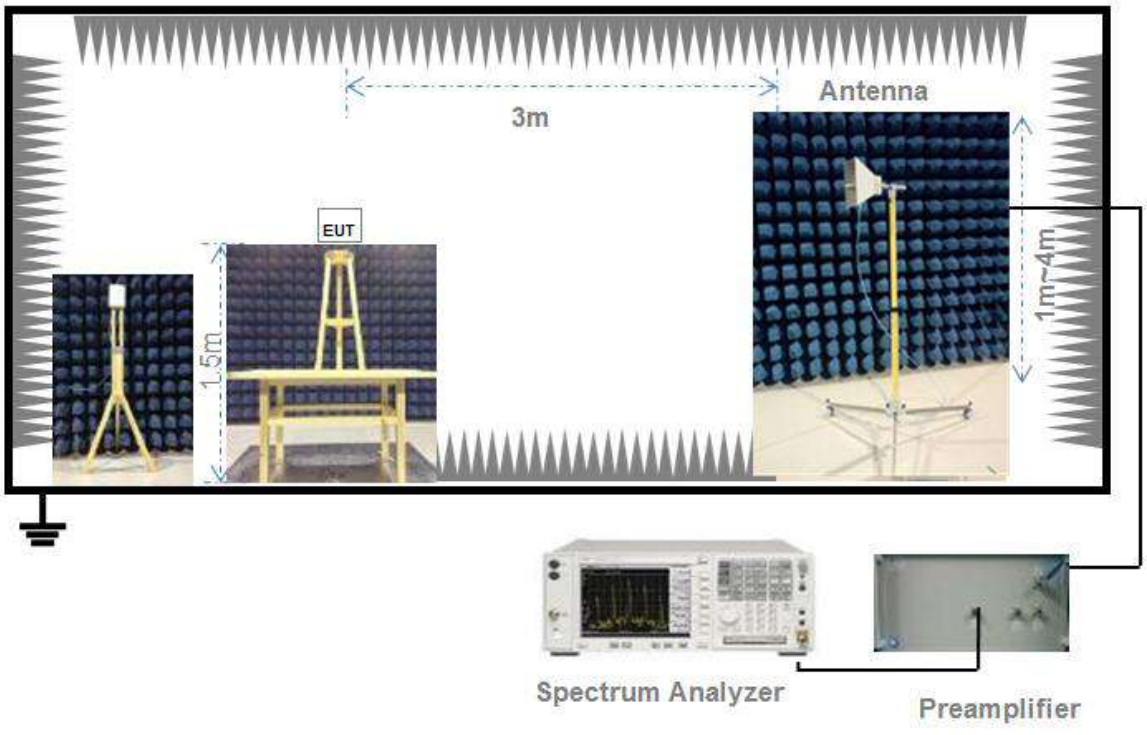
(Diagram 3)

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 ≥ 3*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 ≥ 3*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 ≥ 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 50μH/50Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dBμV)	
	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.

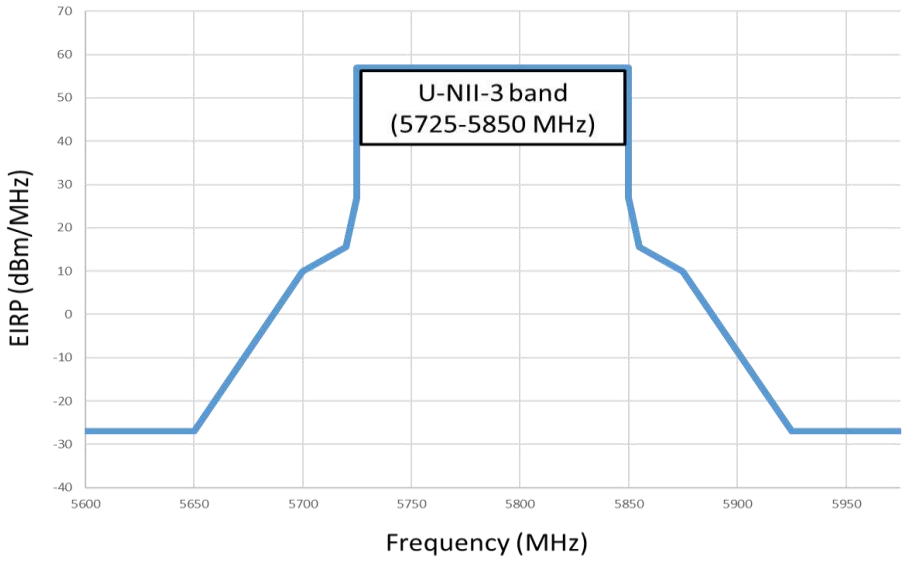
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

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

Note [1]: The Limit for radiated test was performed according to FCC Part 15C
Note [2]: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).

b) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).

c) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).

d) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

$E = EIRP – 20\log D + 104.8$

where:

E = electric field strength in dBμV/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 ≥ 3 x 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 ≥ 3 x RBW.

e) Detector = RMS, if span/(# of points in sweep) ≤ (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 ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ RBW
Sweep = auto
Detector function = peak
Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	2.20	2.24	98.21%
11n (HT20)/11ac (VHT20)	2.06	2.10	97.95%
11n (HT40)/11ac (VHT40)	1.01	1.05	96.37%
11ac (VHT80)	0.49	0.52	93.12%

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	17.86	61.09	250	Pass
11a	CH44	17.61	57.68	250	Pass
11a	CH48	17.91	61.80	250	Pass
11n (HT20)	CH36	16.71	46.88	250	Pass
11n (HT20)	CH44	16.91	49.09	250	Pass
11n (HT20)	CH48	16.76	47.42	250	Pass
11n (HT40)	CH38	14.31	26.98	250	Pass
11n (HT40)	CH46	15.70	37.15	250	Pass
11ac (VHT20)	CH36	16.72	46.99	250	Pass
11ac (VHT20)	CH44	16.98	49.89	250	Pass
11ac (VHT20)	CH48	16.78	47.64	250	Pass
11ac (VHT40)	CH38	14.82	30.34	250	Pass
11ac (VHT40)	CH46	16.90	48.98	250	Pass
11ac (VHT80)	CH42	13.91	24.60	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	17.88	61.38	250	Pass
11a	CH60	17.86	61.09	250	Pass
11a	CH64	17.81	60.39	250	Pass
11n (HT20)	CH52	16.49	44.57	250	Pass
11n (HT20)	CH60	16.72	46.99	250	Pass
11n (HT20)	CH64	16.68	46.56	250	Pass
11n (HT40)	CH54	16.05	40.27	250	Pass
11n (HT40)	CH62	15.96	39.45	250	Pass
11ac (VHT20)	CH52	16.53	44.98	250	Pass
11ac (VHT20)	CH60	16.74	47.21	250	Pass
11ac (VHT20)	CH64	16.65	46.24	250	Pass
11ac (VHT40)	CH54	16.88	48.75	250	Pass
11ac (VHT40)	CH62	16.62	45.92	250	Pass
11ac (VHT80)	CH58	13.78	23.88	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	17.88	61.38	250	Pass
11a	CH116	17.78	59.98	250	Pass
11a	CH140	17.92	61.94	250	Pass
11n (HT20)	CH100	16.77	47.53	250	Pass
11n (HT20)	CH116	16.67	46.45	250	Pass
11n (HT20)	CH140	16.65	46.24	250	Pass
11n (HT40)	CH102	16.02	39.99	250	Pass
11n (HT40)	CH118	16.02	39.99	250	Pass
11n (HT40)	CH134	15.61	36.39	250	Pass
11ac (VHT20)	CH100	16.78	47.64	250	Pass
11ac (VHT20)	CH116	16.72	46.99	250	Pass
11ac (VHT20)	CH140	16.61	45.81	250	Pass
11ac (VHT40)	CH102	16.81	47.97	250	Pass
11ac (VHT40)	CH118	16.79	47.75	250	Pass
11ac (VHT40)	CH134	16.73	47.10	250	Pass
11ac (VHT80)	CH106	12.21	16.63	250	Pass
11ac (VHT80)	CH122	15.80	38.02	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.65	58.21	1000	Pass
11a	CH157	17.74	59.43	1000	Pass
11a	CH165	17.56	57.02	1000	Pass
11n (HT20)	CH149	16.93	49.32	1000	Pass
11n (HT20)	CH157	16.46	44.26	1000	Pass
11n (HT20)	CH165	16.81	47.97	1000	Pass
11n (HT40)	CH151	15.67	36.90	1000	Pass
11n (HT40)	CH159	15.69	37.07	1000	Pass
11ac (VHT20)	CH149	16.53	44.98	1000	Pass
11ac (VHT20)	CH157	16.52	44.87	1000	Pass
11ac (VHT20)	CH165	16.87	48.64	1000	Pass
11ac (VHT40)	CH151	16.70	46.77	1000	Pass
11ac (VHT40)	CH159	16.77	47.53	1000	Pass
11ac (VHT80)	CH155	15.85	38.46	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2350133-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	25.67	16.92
11a	CH44	25.04	16.78
11a	CH48	24.79	16.77
11n (HT20)	CH36	25.37	17.88
11n (HT20)	CH44	25.42	17.87
11n (HT20)	CH48	25.17	17.85
11n (HT40)	CH38	41.64	36.26
11n (HT40)	CH46	41.90	36.26
11ac (VHT20)	CH36	25.24	17.88
11ac (VHT20)	CH44	25.18	17.86
11ac (VHT20)	CH48	25.22	17.86
11ac (VHT40)	CH38	41.72	36.25
11ac (VHT40)	CH46	41.77	36.27
11ac (VHT80)	CH42	92.77	76.11

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	24.03	16.73
11a	CH60	23.83	16.72
11a	CH64	24.06	16.71
11n (HT20)	CH52	25.04	17.87
11n (HT20)	CH60	25.33	17.84
11n (HT20)	CH64	24.79	17.84
11n (HT40)	CH54	41.86	36.24
11n (HT40)	CH62	41.89	36.24
11ac (VHT20)	CH52	25.30	17.84
11ac (VHT20)	CH60	24.52	17.84
11ac (VHT20)	CH64	24.55	17.85
11ac (VHT40)	CH54	41.80	36.25
11ac (VHT40)	CH62	41.52	36.27
11ac (VHT80)	CH58	95.50	76.20

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	23.93	16.76
11a	CH116	25.43	16.87
11a	CH140	23.60	16.71
11n (HT20)	CH100	24.10	17.80
11n (HT20)	CH116	24.44	17.84
11n (HT20)	CH140	23.94	17.80
11n (HT40)	CH102	41.85	36.27
11n (HT40)	CH118	41.91	36.27
11n (HT40)	CH134	41.93	36.26
11ac (VHT20)	CH100	24.14	17.80
11ac (VHT20)	CH116	24.79	17.85
11ac (VHT20)	CH140	24.30	17.81
11ac (VHT40)	CH102	41.60	36.27
11ac (VHT40)	CH118	41.85	36.29
11ac (VHT40)	CH134	41.58	36.24
11ac (VHT80)	CH106	87.98	76.15
11ac (VHT80)	CH122	87.91	76.10

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	23.32	16.66
11a	CH157	23.29	16.67
11a	CH165	23.22	16.66
11n (HT20)	CH149	24.01	17.80
11n (HT20)	CH157	23.92	17.80
11n (HT20)	CH165	23.86	17.79
11n (HT40)	CH151	41.99	36.24
11n (HT40)	CH159	41.87	36.25
11ac (VHT20)	CH149	24.07	17.81
11ac (VHT20)	CH157	24.11	17.81
11ac (VHT20)	CH165	23.79	17.79
11ac (VHT40)	CH151	41.70	36.24
11ac (VHT40)	CH159	41.47	36.28
11ac (VHT80)	CH155	93.96	76.13

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2350133-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.55	500.00	Pass
11a	CH157	15.65	500.00	Pass
11a	CH165	15.90	500.00	Pass
11n (HT20)	CH149	15.20	500.00	Pass
11n (HT20)	CH157	15.40	500.00	Pass
11n (HT20)	CH165	15.35	500.00	Pass
11n (HT40)	CH151	36.20	500.00	Pass
11n (HT40)	CH159	36.40	500.00	Pass
11ac (VHT20)	CH149	16.10	500.00	Pass
11ac (VHT20)	CH157	15.40	500.00	Pass
11ac (VHT20)	CH165	15.25	500.00	Pass
11ac (VHT40)	CH151	36.15	500.00	Pass
11ac (VHT40)	CH159	36.05	500.00	Pass
11ac (VHT80)	CH155	75.20	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ2350133-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	6.87	11.00	Pass
11a	CH44	6.63	11.00	Pass
11a	CH48	6.89	11.00	Pass
11n (HT20)	CH36	6.50	11.00	Pass
11n (HT20)	CH44	5.76	11.00	Pass
11n (HT20)	CH48	5.53	11.00	Pass
11n (HT40)	CH38	0.21	11.00	Pass
11n (HT40)	CH46	1.48	11.00	Pass
11ac (VHT20)	CH36	5.47	11.00	Pass
11ac (VHT20)	CH44	5.82	11.00	Pass
11ac (VHT20)	CH48	5.56	11.00	Pass
11ac (VHT40)	CH38	0.86	11.00	Pass
11ac (VHT40)	CH46	2.66	11.00	Pass
11ac (VHT80)	CH42	-3.50	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	6.69	11.00	Pass
11a	CH60	6.85	11.00	Pass
11a	CH64	6.85	11.00	Pass
11n (HT20)	CH52	5.25	11.00	Pass
11n (HT20)	CH60	5.49	11.00	Pass
11n (HT20)	CH64	5.43	11.00	Pass
11n (HT40)	CH54	1.79	11.00	Pass
11n (HT40)	CH62	1.64	11.00	Pass
11ac (VHT20)	CH52	5.23	11.00	Pass
11ac (VHT20)	CH60	5.52	11.00	Pass
11ac (VHT20)	CH64	5.46	11.00	Pass
11ac (VHT40)	CH54	2.63	11.00	Pass
11ac (VHT40)	CH62	2.63	11.00	Pass
11ac (VHT80)	CH58	-3.53	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	7.08	11.00	Pass
11a	CH116	6.88	11.00	Pass
11a	CH140	6.97	11.00	Pass
11n (HT20)	CH100	5.65	11.00	Pass
11n (HT20)	CH116	5.60	11.00	Pass
11n (HT20)	CH140	5.42	11.00	Pass
11n (HT40)	CH102	1.82	11.00	Pass
11n (HT40)	CH118	1.85	11.00	Pass
11n (HT40)	CH134	1.46	11.00	Pass
11ac (VHT20)	CH100	5.65	11.00	Pass
11ac (VHT20)	CH116	5.61	11.00	Pass
11ac (VHT20)	CH140	5.39	11.00	Pass
11ac (VHT40)	CH102	2.91	11.00	Pass
11ac (VHT40)	CH118	2.91	11.00	Pass
11ac (VHT40)	CH134	2.55	11.00	Pass
11ac (VHT80)	CH106	-5.27	11.00	Pass
11ac (VHT80)	CH122	-1.78	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	4.02	30.00	Pass
11a	CH157	4.06	30.00	Pass
11a	CH165	3.76	30.00	Pass
11n (HT20)	CH149	3.10	30.00	Pass
11n (HT20)	CH157	2.49	30.00	Pass
11n (HT20)	CH165	2.95	30.00	Pass
11n (HT40)	CH151	-1.39	30.00	Pass
11n (HT40)	CH159	-1.40	30.00	Pass
11ac (VHT20)	CH149	2.64	30.00	Pass
11ac (VHT20)	CH157	2.54	30.00	Pass
11ac (VHT20)	CH165	2.90	30.00	Pass
11ac (VHT40)	CH151	-0.39	30.00	Pass
11ac (VHT40)	CH159	-0.28	30.00	Pass
11ac (VHT80)	CH155	-4.17	30.00	Pass

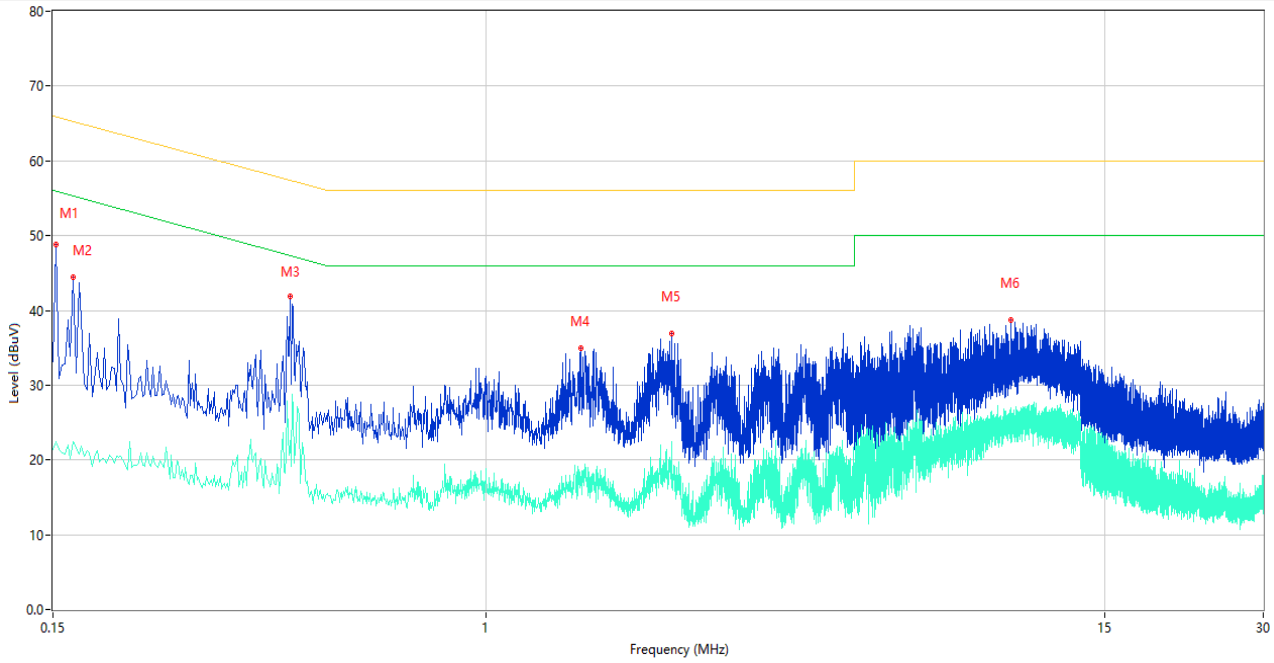
A.5 Conducted Emissions

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.

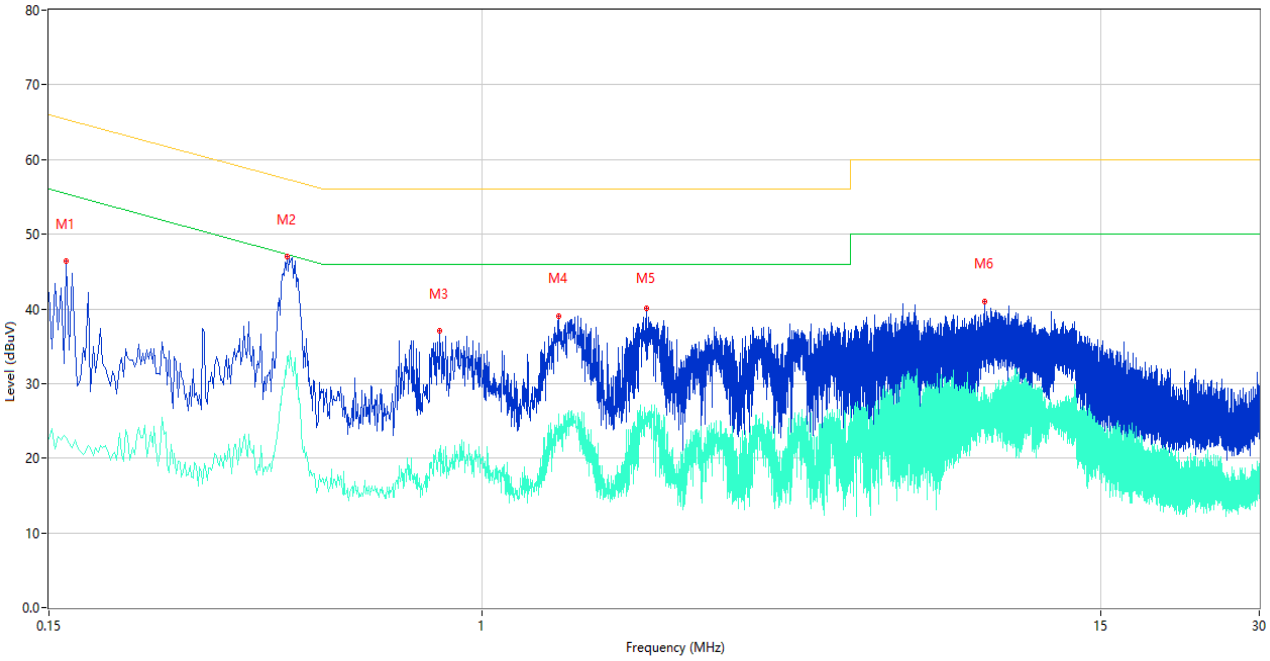
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	48.76	9.84	65.89	17.13	Peak	L	Pass
1**	0.152	22.40	9.84	55.89	33.49	AV	L	Pass
2	0.164	44.51	9.82	65.26	20.75	Peak	L	Pass
2**	0.164	22.39	9.82	55.26	32.87	AV	L	Pass
3	0.424	41.86	10.35	57.37	15.51	Peak	L	Pass
3**	0.424	22.60	10.35	47.37	24.77	AV	L	Pass
4	1.510	34.93	10.11	56.00	21.07	Peak	L	Pass
4**	1.510	17.51	10.11	46.00	28.49	AV	L	Pass
5	2.248	36.84	10.17	56.00	19.16	Peak	L	Pass
5**	2.248	22.42	10.17	46.00	23.58	AV	L	Pass
6	9.920	38.78	10.13	60.00	21.22	Peak	L	Pass
6**	9.920	25.49	10.13	50.00	24.51	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.162	46.39	9.83	65.36	18.97	Peak	N	Pass
1**	0.162	22.74	9.83	55.36	32.62	AV	N	Pass
2	0.426	47.03	10.34	57.33	10.30	Peak	N	Pass
2**	0.426	33.63	10.34	47.33	13.70	AV	N	Pass
3	0.830	37.01	10.04	56.00	18.99	Peak	N	Pass
3**	0.830	20.77	10.04	46.00	25.23	AV	N	Pass
4	1.400	39.09	10.56	56.00	16.91	Peak	N	Pass
4**	1.400	25.92	10.56	46.00	20.08	AV	N	Pass
5	2.052	40.02	10.31	56.00	15.98	Peak	N	Pass
5**	2.052	25.44	10.31	46.00	20.56	AV	N	Pass
6	9.020	41.04	10.26	60.00	18.96	Peak	N	Pass
6**	9.020	29.49	10.26	50.00	20.51	AV	N	Pass

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

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

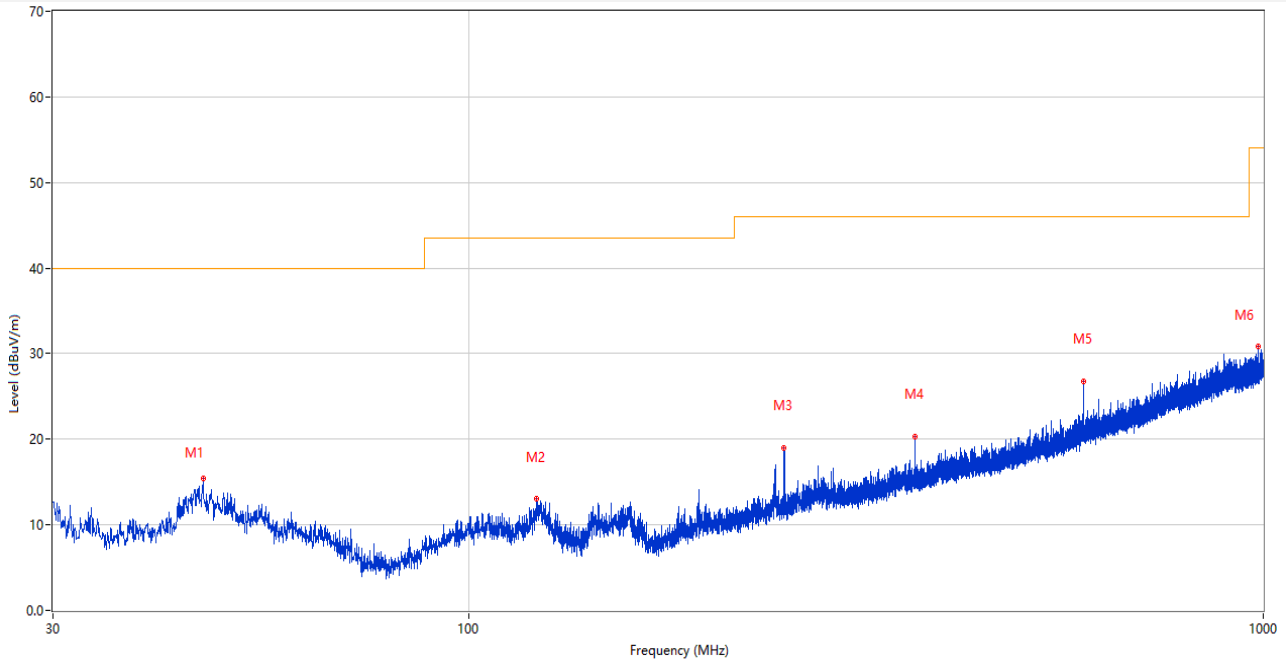
Note [2]: For the test data above 1 GHz，According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

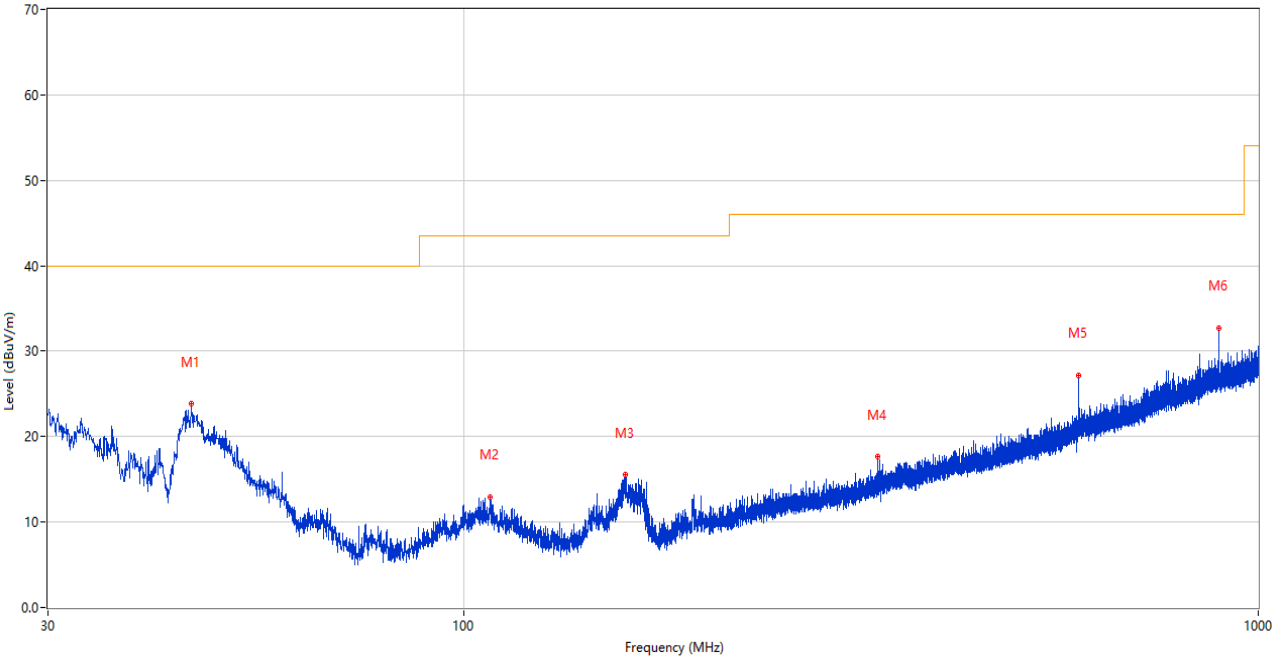
Test Data and Plots

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	46.344	15.44	-25.56	40.0	24.56	Peak	359.00	100	Horizontal	Pass
2	121.714	12.99	-28.80	43.5	30.51	Peak	52.00	200	Horizontal	Pass
3	249.608	18.96	-24.94	46.0	27.04	Peak	129.00	100	Horizontal	Pass
4	364.795	20.36	-21.92	46.0	25.64	Peak	0.00	100	Horizontal	Pass
5	594.006	26.79	-16.07	46.0	19.21	Peak	40.00	100	Horizontal	Pass
6	984.189	30.79	-8.67	54.0	23.21	Peak	190.00	200	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	45.471	23.80	-25.53	40.0	16.20	Peak	156.00	100	Vertical	Pass
2	108.133	12.87	-26.59	43.5	30.63	Peak	7.00	100	Vertical	Pass
3	159.592	15.49	-29.60	43.5	28.01	Peak	41.00	100	Vertical	Pass
4	332.446	17.60	-22.72	46.0	28.40	Peak	249.00	200	Vertical	Pass
5	594.006	27.13	-16.07	46.0	18.87	Peak	209.00	200	Vertical	Pass
6	891.069	32.67	-10.11	46.0	13.33	Peak	280.00	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	1581.500	38.83	-17.31	74.0	35.17	Peak	20.00	300	Horizontal	Pass
1**	1581.500	29.08	-17.31	54.0	24.92	AV	20.00	300	Horizontal	Pass
2	4384.800	49.50	-4.66	74.0	24.50	Peak	6.00	300	Horizontal	Pass
2**	4384.800	41.10	-4.66	54.0	12.90	AV	6.00	300	Horizontal	Pass
3	5181.000	101.80	-2.57	--	--	Peak	58.00	200	Horizontal	N/A
3**	5181.000	94.63	-2.57	--	--	AV	58.00	200	Horizontal	N/A
4	7339.537	49.97	-3.38	74.0	24.03	Peak	347.00	200	Horizontal	Pass
4**	7339.537	41.60	-3.38	54.0	12.40	AV	347.00	200	Horizontal	Pass
5	12691.925	53.26	0.84	74.0	20.74	Peak	347.00	200	Horizontal	Pass
5**	12691.925	43.88	0.84	54.0	10.12	AV	347.00	200	Horizontal	Pass
6	15847.238	55.95	1.35	74.0	18.05	Peak	277.00	300	Horizontal	Pass
6**	15847.238	46.83	1.35	54.0	7.17	AV	277.00	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	1496.000	39.82	-17.39	74.0	34.18	Peak	108.00	300	Vertical	Pass
1**	1496.000	29.44	-17.39	54.0	24.56	AV	108.00	300	Vertical	Pass
2	4276.200	49.30	-4.44	74.0	24.70	Peak	49.00	200	Vertical	Pass
2**	4276.200	40.44	-4.44	54.0	13.56	AV	49.00	200	Vertical	Pass
3	5176.400	110.31	-2.68	--	--	Peak	221.00	150	Vertical	N/A
3**	5176.400	102.24	-2.68	--	--	AV	221.00	150	Vertical	N/A
4	7348.450	50.02	-3.15	74.0	23.98	Peak	92.00	400	Vertical	Pass
4**	7348.450	40.29	-3.15	54.0	13.71	AV	92.00	400	Vertical	Pass
5	12288.275	52.81	1.70	74.0	21.19	Peak	92.00	200	Vertical	Pass
5**	12288.275	43.90	1.70	54.0	10.10	AV	92.00	200	Vertical	Pass
6	15827.287	56.19	1.57	74.0	17.81	Peak	0.00	400	Vertical	Pass
6**	15827.287	45.99	1.57	54.0	8.01	AV	0.00	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	1481.500	38.84	-17.66	74.0	35.16	Peak	25.00	200	Horizontal	Pass
1**	1481.500	29.76	-17.66	54.0	24.24	AV	25.00	200	Horizontal	Pass
2	4365.200	49.84	-4.30	74.0	24.16	Peak	38.00	100	Horizontal	Pass
2**	4365.200	40.40	-4.30	54.0	13.60	AV	38.00	100	Horizontal	Pass
3	5217.600	98.04	-2.62	--	--	Peak	48.00	150	Horizontal	N/A
3**	5217.600	90.66	-2.62	--	--	AV	48.00	150	Horizontal	N/A
4	7349.025	50.41	-3.21	74.0	23.59	Peak	252.00	200	Horizontal	Pass
4**	7349.025	41.71	-3.21	54.0	12.29	AV	252.00	200	Horizontal	Pass
5	12624.362	53.47	1.62	74.0	20.53	Peak	171.00	100	Horizontal	Pass
5**	12624.362	43.61	1.62	54.0	10.39	AV	171.00	100	Horizontal	Pass
6	15809.175	55.17	2.18	74.0	18.83	Peak	0.00	100	Horizontal	Pass
6**	15809.175	47.25	2.18	54.0	6.75	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1619.800	39.60	-17.60	74.0	34.40	Peak	95.00	400	Vertical	Pass
1**	1619.800	31.11	-17.60	54.0	22.89	AV	95.00	400	Vertical	Pass
2	4375.800	50.55	-4.76	74.0	23.45	Peak	130.00	200	Vertical	Pass
2**	4375.800	39.73	-4.76	54.0	14.27	AV	130.00	200	Vertical	Pass
3	5224.400	106.52	-2.63	--	--	Peak	222.00	150	Vertical	N/A
3**	5224.400	99.37	-2.63	--	--	AV	222.00	150	Vertical	N/A
4	7360.813	49.94	-3.73	74.0	24.06	Peak	137.00	100	Vertical	Pass
4**	7360.813	41.13	-3.73	54.0	12.87	AV	137.00	100	Vertical	Pass
5	11655.487	53.54	-0.01	74.0	20.46	Peak	73.00	150	Vertical	Pass
5**	11655.487	43.12	-0.01	54.0	10.88	AV	73.00	150	Vertical	Pass
6	15845.137	56.25	1.37	74.0	17.75	Peak	70.00	400	Vertical	Pass
6**	15845.137	46.81	1.37	54.0	7.19	AV	70.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1557.800	38.30	-17.35	74.0	35.70	Peak	357.00	100	Horizontal	Pass
1**	1557.800	29.02	-17.35	54.0	24.98	AV	357.00	100	Horizontal	Pass
2	4388.600	49.23	-4.71	74.0	24.77	Peak	93.00	300	Horizontal	Pass
2**	4388.600	40.54	-4.71	54.0	13.46	AV	93.00	300	Horizontal	Pass
3	5238.000	103.68	-2.27	--	--	Peak	51.00	100	Horizontal	N/A
3**	5238.000	95.48	-2.27	--	--	AV	51.00	100	Horizontal	N/A
4	7285.775	50.05	-3.40	74.0	23.95	Peak	24.00	400	Horizontal	Pass
4**	7285.775	40.07	-3.40	54.0	13.93	AV	24.00	400	Horizontal	Pass
5	12606.825	53.26	1.91	74.0	20.74	Peak	266.00	150	Horizontal	Pass
5**	12606.825	44.71	1.91	54.0	9.29	AV	266.00	150	Horizontal	Pass
6	15802.875	55.86	2.30	74.0	18.14	Peak	182.00	300	Horizontal	Pass
6**	15802.875	47.33	2.30	54.0	6.67	AV	182.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.000	39.38	-17.53	74.0	34.62	Peak	107.00	400	Vertical	Pass
1**	1495.000	30.50	-17.53	54.0	23.50	AV	107.00	400	Vertical	Pass
2	4275.200	49.66	-4.43	74.0	24.34	Peak	132.00	300	Vertical	Pass
2**	4275.200	39.68	-4.43	54.0	14.32	AV	132.00	300	Vertical	Pass
3	5243.000	110.01	-2.24	--	--	Peak	225.00	150	Vertical	N/A
3**	5243.000	102.56	-2.24	--	--	AV	225.00	150	Vertical	N/A
4	7697.763	49.10	-2.31	74.0	24.90	Peak	360.00	400	Vertical	Pass
4**	7697.763	39.04	-2.31	54.0	14.96	AV	360.00	400	Vertical	Pass
5	12161.200	53.32	0.56	74.0	20.68	Peak	267.00	150	Vertical	Pass
5**	12161.200	42.71	0.56	54.0	11.29	AV	267.00	150	Vertical	Pass
6	15587.100	55.62	1.22	74.0	18.38	Peak	108.00	150	Vertical	Pass
6**	15587.100	45.13	1.22	54.0	8.87	AV	108.00	150	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	1553.600	38.77	-17.31	74.0	35.23	Peak	334.00	200	Horizontal	Pass
1**	1553.600	29.36	-17.31	54.0	24.64	AV	334.00	200	Horizontal	Pass
2	4354.400	49.43	-3.83	74.0	24.57	Peak	175.00	200	Horizontal	Pass
2**	4354.400	40.23	-3.83	54.0	13.77	AV	175.00	200	Horizontal	Pass
3	5181.600	101.17	-2.58	--	--	Peak	247.00	100	Horizontal	N/A
3**	5181.600	94.68	-2.58	--	--	AV	247.00	100	Horizontal	N/A
4	7692.013	49.86	-1.96	74.0	24.14	Peak	140.00	400	Horizontal	Pass
4**	7692.013	40.53	-1.96	54.0	13.47	AV	140.00	400	Horizontal	Pass
5	12299.201	53.05	1.49	74.0	20.95	Peak	44.00	150	Horizontal	Pass
5**	12299.201	44.35	1.49	54.0	9.65	AV	44.00	150	Horizontal	Pass
6	16114.725	56.24	0.69	74.0	17.76	Peak	343.00	400	Horizontal	Pass
6**	16114.725	47.31	0.69	54.0	6.69	AV	343.00	400	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	1497.100	40.24	-17.44	74.0	33.76	Peak	96.00	400	Vertical	Pass
1**	1497.100	30.37	-17.44	54.0	23.63	AV	96.00	400	Vertical	Pass
2	4353.400	49.82	-3.73	74.0	24.18	Peak	8.00	100	Vertical	Pass
2**	4353.400	40.60	-3.73	54.0	13.40	AV	8.00	100	Vertical	Pass
3	5177.800	110.54	-2.66	--	--	Peak	221.00	100	Vertical	N/A
3**	5177.800	102.45	-2.66	--	--	AV	221.00	100	Vertical	N/A
4	7341.263	49.58	-3.42	74.0	24.42	Peak	360.00	200	Vertical	Pass
4**	7341.263	40.75	-3.42	54.0	13.25	AV	360.00	200	Vertical	Pass
5	12611.425	52.86	1.89	74.0	21.14	Peak	84.00	100	Vertical	Pass
5**	12611.425	44.63	1.89	54.0	9.37	AV	84.00	100	Vertical	Pass
6	15837.000	56.27	1.45	74.0	17.73	Peak	0.00	300	Vertical	Pass
6**	15837.000	46.54	1.45	54.0	7.46	AV	0.00	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	1553.900	38.65	-17.32	74.0	35.35	Peak	43.00	400	Horizontal	Pass
1**	1553.900	29.23	-17.32	54.0	24.77	AV	43.00	400	Horizontal	Pass
2	4269.400	50.01	-4.69	74.0	23.99	Peak	28.00	100	Horizontal	Pass
2**	4269.400	40.47	-4.69	54.0	13.53	AV	28.00	100	Horizontal	Pass
3	5217.000	98.45	-2.60	--	--	Peak	49.00	100	Horizontal	N/A
3**	5217.000	90.64	-2.60	--	--	AV	49.00	100	Horizontal	N/A
4	7687.413	50.16	-2.20	74.0	23.84	Peak	316.00	200	Horizontal	Pass
4**	7687.413	40.89	-2.20	54.0	13.11	AV	316.00	200	Horizontal	Pass
5	12290.862	53.16	1.65	74.0	20.84	Peak	12.00	150	Horizontal	Pass
5**	12290.862	43.56	1.65	54.0	10.44	AV	12.00	150	Horizontal	Pass
6	15802.875	56.26	2.30	74.0	17.74	Peak	312.00	300	Horizontal	Pass
6**	15802.875	47.15	2.30	54.0	6.85	AV	312.00	300	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	1493.600	39.97	-17.61	74.0	34.03	Peak	104.00	100	Vertical	Pass
1**	1493.600	29.69	-17.61	54.0	24.31	AV	104.00	100	Vertical	Pass
2	4348.800	49.51	-3.83	74.0	24.49	Peak	29.00	300	Vertical	Pass
2**	4348.800	40.06	-3.83	54.0	13.94	AV	29.00	300	Vertical	Pass
3	5219.000	109.83	-2.66	--	--	Peak	29.00	150	Vertical	N/A
3**	5219.000	101.94	-2.66	--	--	AV	29.00	150	Vertical	N/A
4	7344.425	50.83	-3.29	74.0	23.17	Peak	248.00	100	Vertical	Pass
4**	7344.425	41.46	-3.29	54.0	12.54	AV	248.00	100	Vertical	Pass
5	12521.150	53.64	1.45	74.0	20.36	Peak	67.00	200	Vertical	Pass
5**	12521.150	43.39	1.45	54.0	10.61	AV	67.00	200	Vertical	Pass
6	15803.400	55.71	2.29	74.0	18.29	Peak	185.00	400	Vertical	Pass
6**	15803.400	48.10	2.29	54.0	5.90	AV	185.00	400	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	1595.900	38.28	-17.72	74.0	35.72	Peak	351.00	400	Horizontal	Pass
1**	1595.900	28.90	-17.72	54.0	25.10	AV	351.00	400	Horizontal	Pass
2	4279.600	49.24	-4.51	74.0	24.76	Peak	360.00	300	Horizontal	Pass
2**	4279.600	40.18	-4.51	54.0	13.82	AV	360.00	300	Horizontal	Pass
3	5243.600	102.73	-2.31	--	--	Peak	47.00	100	Horizontal	N/A
3**	5243.600	95.32	-2.31	--	--	AV	47.00	100	Horizontal	N/A
4	7347.875	50.36	-3.18	74.0	23.64	Peak	317.00	400	Horizontal	Pass
4**	7347.875	40.94	-3.18	54.0	13.06	AV	317.00	400	Horizontal	Pass
5	10904.825	53.12	0.17	74.0	20.88	Peak	360.00	200	Horizontal	Pass
5**	10904.825	42.41	0.17	54.0	11.59	AV	360.00	200	Horizontal	Pass
6	15824.663	56.39	1.66	74.0	17.61	Peak	145.00	200	Horizontal	Pass
6**	15824.663	46.56	1.66	54.0	7.44	AV	145.00	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	1494.100	39.47	-17.64	74.0	34.53	Peak	105.00	400	Vertical	Pass
1**	1494.100	29.91	-17.64	54.0	24.09	AV	105.00	400	Vertical	Pass
2	4372.000	49.30	-4.33	74.0	24.70	Peak	0.00	200	Vertical	Pass
2**	4372.000	41.36	-4.33	54.0	12.64	AV	0.00	200	Vertical	Pass
3	5238.200	109.94	-2.27	--	--	Peak	215.00	200	Vertical	N/A
3**	5238.200	102.58	-2.27	--	--	AV	215.00	200	Vertical	N/A
4	7446.775	49.65	-3.77	74.0	24.35	Peak	169.00	400	Vertical	Pass
4**	7446.775	39.99	-3.77	54.0	14.01	AV	169.00	400	Vertical	Pass
5	11522.088	53.64	-0.45	74.0	20.36	Peak	0.00	200	Vertical	Pass
5**	11522.088	42.96	-0.45	54.0	11.04	AV	0.00	200	Vertical	Pass
6	15519.375	56.23	1.38	74.0	17.77	Peak	52.00	100	Vertical	Pass
6**	15519.375	45.92	1.38	54.0	8.08	AV	52.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.200	38.53	-17.39	74.0	35.47	Peak	264.00	300	Horizontal	Pass
1**	1504.200	30.03	-17.39	54.0	23.97	AV	264.00	300	Horizontal	Pass
2	4374.600	49.76	-4.74	74.0	24.24	Peak	143.00	200	Horizontal	Pass
2**	4374.600	41.23	-4.74	54.0	12.77	AV	143.00	200	Horizontal	Pass
3	5200.400	100.14	-2.26	--	--	Peak	194.00	200	Horizontal	N/A
3**	5200.400	92.23	-2.26	--	--	AV	194.00	200	Horizontal	N/A
4	7343.563	49.91	-3.31	74.0	24.09	Peak	360.00	400	Horizontal	Pass
4**	7343.563	41.07	-3.31	54.0	12.93	AV	360.00	400	Horizontal	Pass
5	12273.613	53.48	1.57	74.0	20.52	Peak	140.00	150	Horizontal	Pass
5**	12273.613	44.05	1.57	54.0	9.95	AV	140.00	150	Horizontal	Pass
6	16108.162	55.52	0.84	74.0	18.48	Peak	201.00	300	Horizontal	Pass
6**	16108.162	46.76	0.84	54.0	7.24	AV	201.00	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	1499.000	39.22	-17.54	74.0	34.78	Peak	24.00	400	Vertical	Pass
1**	1499.000	29.12	-17.54	54.0	24.88	AV	24.00	400	Vertical	Pass
2	4244.800	49.83	-4.92	74.0	24.17	Peak	72.00	400	Vertical	Pass
2**	4244.800	40.21	-4.92	54.0	13.79	AV	72.00	400	Vertical	Pass
3	5198.800	109.20	-2.41	--	--	Peak	50.00	200	Vertical	N/A
3**	5198.800	100.00	-2.41	--	--	AV	50.00	200	Vertical	N/A
4	7347.013	50.27	-3.29	74.0	23.73	Peak	5.00	200	Vertical	Pass
4**	7347.013	41.15	-3.29	54.0	12.85	AV	5.00	200	Vertical	Pass
5	12443.813	53.20	1.80	74.0	20.80	Peak	119.00	200	Vertical	Pass
5**	12443.813	43.67	1.80	54.0	10.33	AV	119.00	200	Vertical	Pass
6	15820.200	55.47	1.87	74.0	18.53	Peak	70.00	300	Vertical	Pass
6**	15820.200	46.37	1.87	54.0	7.63	AV	70.00	300	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	1453.000	38.45	-17.55	74.0	35.55	Peak	99.00	200	Horizontal	Pass
1**	1453.000	29.49	-17.55	54.0	24.51	AV	99.00	200	Horizontal	Pass
2	4362.800	49.45	-4.61	74.0	24.55	Peak	350.00	200	Horizontal	Pass
2**	4362.800	39.95	-4.61	54.0	14.05	AV	350.00	200	Horizontal	Pass
3	5234.600	100.60	-2.30	--	--	Peak	205.00	200	Horizontal	N/A
3**	5234.600	92.92	-2.30	--	--	AV	205.00	200	Horizontal	N/A
4	7346.150	49.50	-3.39	74.0	24.50	Peak	33.00	300	Horizontal	Pass
4**	7346.150	41.02	-3.39	54.0	12.98	AV	33.00	300	Horizontal	Pass
5	12409.888	52.91	1.44	74.0	21.09	Peak	237.00	100	Horizontal	Pass
5**	12409.888	43.42	1.44	54.0	10.58	AV	237.00	100	Horizontal	Pass
6	15839.100	55.99	1.45	74.0	18.01	Peak	52.00	100	Horizontal	Pass
6**	15839.100	46.36	1.45	54.0	7.64	AV	52.00	100	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	1497.200	39.49	-17.45	74.0	34.51	Peak	28.00	100	Vertical	Pass
1**	1497.200	29.84	-17.45	54.0	24.16	AV	28.00	100	Vertical	Pass
2	4357.600	49.49	-4.12	74.0	24.51	Peak	160.00	400	Vertical	Pass
2**	4357.600	40.59	-4.12	54.0	13.41	AV	160.00	400	Vertical	Pass
3	5233.400	108.88	-2.30	--	--	Peak	58.00	100	Vertical	N/A
3**	5233.400	101.18	-2.30	--	--	AV	58.00	100	Vertical	N/A
4	7263.350	49.41	-2.53	74.0	24.59	Peak	141.00	300	Vertical	Pass
4**	7263.350	39.81	-2.53	54.0	14.19	AV	141.00	300	Vertical	Pass
5	12620.049	53.18	1.79	74.0	20.82	Peak	347.00	150	Vertical	Pass
5**	12620.049	43.92	1.79	54.0	10.08	AV	347.00	150	Vertical	Pass
6	15792.375	55.86	2.08	74.0	18.14	Peak	179.00	200	Vertical	Pass
6**	15792.375	46.73	2.08	54.0	7.27	AV	179.00	200	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	1523.800	38.96	-17.32	74.0	35.04	Peak	271.00	200	Horizontal	Pass
1**	1523.800	28.94	-17.32	54.0	25.06	AV	271.00	200	Horizontal	Pass
2	4382.800	49.90	-4.63	74.0	24.10	Peak	110.00	300	Horizontal	Pass
2**	4382.800	40.87	-4.63	54.0	13.13	AV	110.00	300	Horizontal	Pass
3	5187.000	101.21	-2.60	--	--	Peak	49.00	150	Horizontal	N/A
3**	5187.000	92.93	-2.60	--	--	AV	49.00	150	Horizontal	N/A
4	7341.550	49.51	-3.43	74.0	24.49	Peak	15.00	100	Horizontal	Pass
4**	7341.550	41.45	-3.43	54.0	12.55	AV	15.00	100	Horizontal	Pass
5	12307.537	53.05	1.38	74.0	20.95	Peak	331.00	100	Horizontal	Pass
5**	12307.537	44.26	1.38	54.0	9.74	AV	331.00	100	Horizontal	Pass
6	15498.112	55.84	1.12	74.0	18.16	Peak	87.00	200	Horizontal	Pass
6**	15498.112	47.51	1.12	54.0	6.49	AV	87.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.400	39.12	-17.47	74.0	34.88	Peak	30.00	300	Vertical	Pass
1**	1495.400	29.44	-17.47	54.0	24.56	AV	30.00	300	Vertical	Pass
2	4398.400	50.37	-4.91	74.0	23.63	Peak	360.00	300	Vertical	Pass
2**	4398.400	40.13	-4.91	54.0	13.87	AV	360.00	300	Vertical	Pass
3	5173.200	112.02	-2.88	--	--	Peak	61.00	100	Vertical	N/A
3**	5173.200	103.48	-2.88	--	--	AV	61.00	100	Vertical	N/A
4	7347.300	49.50	-3.25	74.0	24.50	Peak	62.00	400	Vertical	Pass
4**	7347.300	40.92	-3.25	54.0	13.08	AV	62.00	400	Vertical	Pass
5	12627.237	53.12	1.52	74.0	20.88	Peak	237.00	200	Vertical	Pass
5**	12627.237	43.05	1.52	54.0	10.95	AV	237.00	200	Vertical	Pass
6	15841.724	55.85	1.42	74.0	18.15	Peak	307.00	100	Vertical	Pass
6**	15841.724	46.45	1.42	54.0	7.55	AV	307.00	100	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	1527.700	38.55	-17.43	74.0	35.45	Peak	103.00	300	Horizontal	Pass
1**	1527.700	29.20	-17.43	54.0	24.80	AV	103.00	300	Horizontal	Pass
2	4357.600	49.72	-4.12	74.0	24.28	Peak	58.00	100	Horizontal	Pass
2**	4357.600	40.05	-4.12	54.0	13.95	AV	58.00	100	Horizontal	Pass
3	5222.600	104.57	-2.70	--	--	Peak	208.00	100	Horizontal	N/A
3**	5222.600	95.78	-2.70	--	--	AV	208.00	100	Horizontal	N/A
4	7690.000	50.13	-1.93	74.0	23.87	Peak	0.00	200	Horizontal	Pass
4**	7690.000	41.36	-1.93	54.0	12.64	AV	0.00	200	Horizontal	Pass
5	12308.112	52.91	1.38	74.0	21.09	Peak	360.00	200	Horizontal	Pass
5**	12308.112	44.04	1.38	54.0	9.96	AV	360.00	200	Horizontal	Pass
6	15482.888	55.67	0.92	74.0	18.33	Peak	229.00	300	Horizontal	Pass
6**	15482.888	45.80	0.92	54.0	8.20	AV	229.00	300	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	1609.800	39.11	-17.70	74.0	34.89	Peak	72.00	400	Vertical	Pass
1**	1609.800	29.46	-17.70	54.0	24.54	AV	72.00	400	Vertical	Pass
2	4255.800	49.91	-5.13	74.0	24.09	Peak	222.00	200	Vertical	Pass
2**	4255.800	40.16	-5.13	54.0	13.84	AV	222.00	200	Vertical	Pass
3	5217.000	112.31	-2.60	--	--	Peak	77.00	200	Vertical	N/A
3**	5217.000	105.52	-2.60	--	--	AV	77.00	200	Vertical	N/A
4	7391.288	49.96	-3.81	74.0	24.04	Peak	0.00	300	Vertical	Pass
4**	7391.288	41.04	-3.81	54.0	12.96	AV	0.00	300	Vertical	Pass
5	12604.526	54.02	1.91	74.0	19.98	Peak	284.00	150	Vertical	Pass
5**	12604.526	43.81	1.91	54.0	10.19	AV	284.00	150	Vertical	Pass
6	16036.500	55.93	0.77	74.0	18.07	Peak	360.00	400	Vertical	Pass
6**	16036.500	46.00	0.77	54.0	8.00	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1456.900	38.97	-17.66	74.0	35.03	Peak	92.00	200	Horizontal	Pass
1**	1456.900	28.56	-17.66	54.0	25.44	AV	92.00	200	Horizontal	Pass
2	4388.000	50.06	-4.68	74.0	23.94	Peak	226.00	400	Horizontal	Pass
2**	4388.000	40.62	-4.68	54.0	13.38	AV	226.00	400	Horizontal	Pass
3	5239.000	105.41	-2.26	--	--	Peak	205.00	150	Horizontal	N/A
3**	5239.000	97.46	-2.26	--	--	AV	205.00	150	Horizontal	N/A
4	7344.138	50.28	-3.28	74.0	23.72	Peak	331.00	300	Horizontal	Pass
4**	7344.138	41.82	-3.28	54.0	12.18	AV	331.00	300	Horizontal	Pass
5	12268.438	53.57	1.40	74.0	20.43	Peak	251.00	200	Horizontal	Pass
5**	12268.438	43.70	1.40	54.0	10.30	AV	251.00	200	Horizontal	Pass
6	15846.974	55.72	1.35	74.0	18.28	Peak	108.00	100	Horizontal	Pass
6**	15846.974	47.10	1.35	54.0	6.90	AV	108.00	100	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	1499.500	39.06	-17.51	74.0	34.94	Peak	27.00	200	Vertical	Pass
1**	1499.500	29.27	-17.51	54.0	24.73	AV	27.00	200	Vertical	Pass
2	4271.800	50.14	-4.40	74.0	23.86	Peak	255.00	200	Vertical	Pass
2**	4271.800	40.72	-4.40	54.0	13.28	AV	255.00	200	Vertical	Pass
3	5238.800	111.75	-2.26	--	--	Peak	61.00	150	Vertical	N/A
3**	5238.800	103.77	-2.26	--	--	AV	61.00	150	Vertical	N/A
4	7690.862	50.17	-1.90	74.0	23.83	Peak	310.00	400	Vertical	Pass
4**	7690.862	40.78	-1.90	54.0	13.22	AV	310.00	400	Vertical	Pass
5	12364.174	53.65	1.20	74.0	20.35	Peak	343.00	100	Vertical	Pass
5**	12364.174	43.50	1.20	54.0	10.50	AV	343.00	100	Vertical	Pass
6	15837.525	56.38	1.45	74.0	17.62	Peak	202.00	100	Vertical	Pass
6**	15837.525	46.69	1.45	54.0	7.31	AV	202.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.000	39.18	-17.46	74.0	34.82	Peak	196.00	100	Horizontal	Pass
1**	1437.000	29.27	-17.46	54.0	24.73	AV	196.00	100	Horizontal	Pass
2	4277.400	49.67	-4.45	74.0	24.33	Peak	200.00	300	Horizontal	Pass
2**	4277.400	40.20	-4.45	54.0	13.80	AV	200.00	300	Horizontal	Pass
3	5203.600	101.46	-2.29	--	--	Peak	211.00	150	Horizontal	N/A
3**	5203.600	92.79	-2.29	--	--	AV	211.00	150	Horizontal	N/A
4	7672.750	50.84	-2.33	74.0	23.16	Peak	348.00	100	Horizontal	Pass
4**	7672.750	40.05	-2.33	54.0	13.95	AV	348.00	100	Horizontal	Pass
5	12240.263	53.94	1.06	74.0	20.06	Peak	333.00	200	Horizontal	Pass
5**	12240.263	43.12	1.06	54.0	10.88	AV	333.00	200	Horizontal	Pass
6	15819.412	56.12	1.90	74.0	17.88	Peak	325.00	200	Horizontal	Pass
6**	15819.412	47.18	1.90	54.0	6.82	AV	325.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.200	40.04	-17.52	74.0	33.96	Peak	34.00	200	Vertical	Pass
1**	1499.200	30.79	-17.52	54.0	23.21	AV	34.00	200	Vertical	Pass
2	4274.800	50.01	-4.41	74.0	23.99	Peak	295.00	400	Vertical	Pass
2**	4274.800	40.38	-4.41	54.0	13.62	AV	295.00	400	Vertical	Pass
3	5191.600	109.41	-2.69	--	--	Peak	57.00	200	Vertical	N/A
3**	5191.600	102.31	-2.69	--	--	AV	57.00	200	Vertical	N/A
4	7685.400	49.63	-2.27	74.0	24.37	Peak	96.00	100	Vertical	Pass
4**	7685.400	40.51	-2.27	54.0	13.49	AV	96.00	100	Vertical	Pass
5	11627.888	53.07	-0.17	74.0	20.93	Peak	33.00	100	Vertical	Pass
5**	11627.888	44.56	-0.17	54.0	9.44	AV	33.00	100	Vertical	Pass
6	15806.550	56.23	2.24	74.0	17.77	Peak	198.00	400	Vertical	Pass
6**	15806.550	46.09	2.24	54.0	7.91	AV	198.00	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	1530.400	39.12	-17.47	74.0	34.88	Peak	185.00	100	Horizontal	Pass
1**	1530.400	28.65	-17.47	54.0	25.35	AV	185.00	100	Horizontal	Pass
2	4374.000	49.53	-4.71	74.0	24.47	Peak	6.00	100	Horizontal	Pass
2**	4374.000	40.87	-4.71	54.0	13.13	AV	6.00	100	Horizontal	Pass
3	5238.000	101.30	-2.27	--	--	Peak	213.00	200	Horizontal	N/A
3**	5238.000	93.22	-2.27	--	--	AV	213.00	200	Horizontal	N/A
4	7345.575	50.48	-3.36	74.0	23.52	Peak	253.00	100	Horizontal	Pass
4**	7345.575	40.46	-3.36	54.0	13.54	AV	253.00	100	Horizontal	Pass
5	12604.526	53.86	1.91	74.0	20.14	Peak	206.00	200	Horizontal	Pass
5**	12604.526	44.15	1.91	54.0	9.85	AV	206.00	200	Horizontal	Pass
6	15844.612	56.04	1.37	74.0	17.96	Peak	360.00	400	Horizontal	Pass
6**	15844.612	46.08	1.37	54.0	7.92	AV	360.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.200	39.49	-17.63	74.0	34.51	Peak	28.00	300	Vertical	Pass
1**	1494.200	29.10	-17.63	54.0	24.90	AV	28.00	300	Vertical	Pass
2	4284.600	50.50	-4.98	74.0	23.50	Peak	6.00	100	Vertical	Pass
2**	4284.600	40.04	-4.98	54.0	13.96	AV	6.00	100	Vertical	Pass
3	5239.400	108.76	-2.25	--	--	Peak	47.00	150	Vertical	N/A
3**	5239.400	101.51	-2.25	--	--	AV	47.00	150	Vertical	N/A
4	7679.650	50.04	-2.63	74.0	23.96	Peak	88.00	100	Vertical	Pass
4**	7679.650	39.94	-2.63	54.0	14.06	AV	88.00	100	Vertical	Pass
5	12292.300	53.25	1.62	74.0	20.75	Peak	185.00	150	Vertical	Pass
5**	12292.300	43.89	1.62	54.0	10.11	AV	185.00	150	Vertical	Pass
6	15799.987	56.44	2.33	74.0	17.56	Peak	326.00	300	Vertical	Pass
6**	15799.987	46.56	2.33	54.0	7.44	AV	326.00	300	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	1582.000	39.19	-17.34	74.0	34.81	Peak	108.00	300	Horizontal	Pass
1**	1582.000	29.55	-17.34	54.0	24.45	AV	108.00	300	Horizontal	Pass
2	4174.800	49.23	-5.26	74.0	24.77	Peak	299.00	400	Horizontal	Pass
2**	4174.800	39.24	-5.26	54.0	14.76	AV	299.00	400	Horizontal	Pass
3	5244.200	98.46	-2.38	--	--	Peak	208.00	150	Horizontal	N/A
3**	5244.200	89.91	-2.38	--	--	AV	208.00	150	Horizontal	N/A
4	7667.863	49.80	-2.38	74.0	24.20	Peak	32.00	200	Horizontal	Pass
4**	7667.863	40.09	-2.38	54.0	13.91	AV	32.00	200	Horizontal	Pass
5	12283.388	53.11	1.78	74.0	20.89	Peak	157.00	100	Horizontal	Pass
5**	12283.388	44.08	1.78	54.0	9.92	AV	157.00	100	Horizontal	Pass
6	16096.612	55.68	1.28	74.0	18.32	Peak	70.00	300	Horizontal	Pass
6**	16096.612	46.17	1.28	54.0	7.83	AV	70.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.400	39.06	-17.61	74.0	34.94	Peak	34.00	300	Vertical	Pass
1**	1494.400	29.18	-17.61	54.0	24.82	AV	34.00	300	Vertical	Pass
2	4274.400	50.33	-4.40	74.0	23.67	Peak	99.00	100	Vertical	Pass
2**	4274.400	40.37	-4.40	54.0	13.63	AV	99.00	100	Vertical	Pass
3	5239.000	106.22	-2.26	--	--	Peak	48.00	100	Vertical	N/A
3**	5239.000	96.31	-2.26	--	--	AV	48.00	100	Vertical	N/A
4	7690.288	49.64	-1.89	74.0	24.36	Peak	333.00	300	Vertical	Pass
4**	7690.288	40.26	-1.89	54.0	13.74	AV	333.00	300	Vertical	Pass
5	12262.688	54.45	1.19	74.0	19.55	Peak	175.00	100	Vertical	Pass
5**	12262.688	44.34	1.19	54.0	9.66	AV	175.00	100	Vertical	Pass
6	16087.162	55.71	1.49	74.0	18.29	Peak	52.00	300	Vertical	Pass
6**	16087.162	46.82	1.49	54.0	7.18	AV	52.00	300	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	1492.900	38.83	-17.57	74.0	35.17	Peak	215.00	200	Horizontal	Pass
1**	1492.900	28.79	-17.57	54.0	25.21	AV	215.00	200	Horizontal	Pass
2	4238.200	49.99	-4.69	74.0	24.01	Peak	231.00	300	Horizontal	Pass
2**	4238.200	40.60	-4.69	54.0	13.40	AV	231.00	300	Horizontal	Pass
3	5257.200	105.46	-2.31	--	--	Peak	201.00	100	Horizontal	N/A
3**	5257.200	98.10	-2.31	--	--	AV	201.00	100	Horizontal	N/A
4	7344.138	49.87	-3.28	74.0	24.13	Peak	128.00	200	Horizontal	Pass
4**	7344.138	40.96	-3.28	54.0	13.04	AV	128.00	200	Horizontal	Pass
5	12698.825	52.70	0.84	74.0	21.30	Peak	96.00	150	Horizontal	Pass
5**	12698.825	43.53	0.84	54.0	10.47	AV	96.00	150	Horizontal	Pass
6	16083.750	56.37	1.56	74.0	17.63	Peak	252.00	200	Horizontal	Pass
6**	16083.750	45.63	1.56	54.0	8.37	AV	252.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.600	40.09	-17.61	74.0	33.91	Peak	35.00	300	Vertical	Pass
1**	1493.600	29.27	-17.61	54.0	24.73	AV	35.00	300	Vertical	Pass
2	4367.600	49.25	-4.31	74.0	24.75	Peak	237.00	400	Vertical	Pass
2**	4367.600	41.70	-4.31	54.0	12.30	AV	237.00	400	Vertical	Pass
3	5262.800	112.99	-2.75	--	--	Peak	49.00	200	Vertical	N/A
3**	5262.800	104.34	-2.75	--	--	AV	49.00	200	Vertical	N/A
4	7731.975	49.19	-2.87	74.0	24.81	Peak	0.00	300	Vertical	Pass
4**	7731.975	39.72	-2.87	54.0	14.28	AV	0.00	300	Vertical	Pass
5	12292.875	52.92	1.61	74.0	21.08	Peak	170.00	200	Vertical	Pass
5**	12292.875	43.90	1.61	54.0	10.10	AV	170.00	200	Vertical	Pass
6	15855.112	55.96	1.19	74.0	18.04	Peak	179.00	100	Vertical	Pass
6**	15855.112	47.08	1.19	54.0	6.92	AV	179.00	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	1584.200	38.42	-17.49	74.0	35.58	Peak	360.00	300	Horizontal	Pass
1**	1584.200	29.35	-17.49	54.0	24.65	AV	360.00	300	Horizontal	Pass
2	4162.600	49.44	-5.11	74.0	24.56	Peak	360.00	300	Horizontal	Pass
2**	4162.600	40.21	-5.11	54.0	13.79	AV	360.00	300	Horizontal	Pass
3	5305.000	105.38	-2.86	--	--	Peak	203.00	100	Horizontal	N/A
3**	5305.000	97.83	-2.86	--	--	AV	203.00	100	Horizontal	N/A
4	7388.412	49.25	-3.75	74.0	24.75	Peak	112.00	300	Horizontal	Pass
4**	7388.412	39.93	-3.75	54.0	14.07	AV	112.00	300	Horizontal	Pass
5	12296.612	52.83	1.54	74.0	21.17	Peak	159.00	200	Horizontal	Pass
5**	12296.612	43.46	1.54	54.0	10.54	AV	159.00	200	Horizontal	Pass
6	16073.250	56.04	1.47	74.0	17.96	Peak	70.00	100	Horizontal	Pass
6**	16073.250	45.90	1.47	54.0	8.10	AV	70.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1435.000	38.44	-17.50	74.0	35.56	Peak	322.00	300	Vertical	Pass
1**	1435.000	28.99	-17.50	54.0	25.01	AV	322.00	300	Vertical	Pass
2	4214.400	49.39	-5.04	74.0	24.61	Peak	98.00	100	Vertical	Pass
2**	4214.400	39.72	-5.04	54.0	14.28	AV	98.00	100	Vertical	Pass
3	5301.000	111.40	-3.08	--	--	Peak	58.00	200	Vertical	N/A
3**	5301.000	104.53	-3.08	--	--	AV	58.00	200	Vertical	N/A
4	7615.250	49.76	-2.90	74.0	24.24	Peak	154.00	100	Vertical	Pass
4**	7615.250	40.68	-2.90	54.0	13.32	AV	154.00	100	Vertical	Pass
5	12337.724	53.27	1.31	74.0	20.73	Peak	186.00	150	Vertical	Pass
5**	12337.724	43.81	1.31	54.0	10.19	AV	186.00	150	Vertical	Pass
6	16100.813	56.01	1.16	74.0	17.99	Peak	328.00	400	Vertical	Pass
6**	16100.813	46.10	1.16	54.0	7.90	AV	328.00	400	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	1584.400	39.61	-17.50	74.0	34.39	Peak	312.00	200	Horizontal	Pass
1**	1584.400	29.14	-17.50	54.0	24.86	AV	312.00	200	Horizontal	Pass
2	4371.600	49.51	-4.23	74.0	24.49	Peak	180.00	300	Horizontal	Pass
2**	4371.600	41.37	-4.23	54.0	12.63	AV	180.00	300	Horizontal	Pass
3	5319.200	105.00	-2.71	--	--	Peak	211.00	100	Horizontal	N/A
3**	5319.200	98.50	-2.71	--	--	AV	211.00	100	Horizontal	N/A
4	7691.725	49.61	-1.94	74.0	24.39	Peak	170.00	400	Horizontal	Pass
4**	7691.725	40.58	-1.94	54.0	13.42	AV	170.00	400	Horizontal	Pass
5	12599.638	52.97	1.89	74.0	21.03	Peak	27.00	200	Horizontal	Pass
5**	12599.638	44.45	1.89	54.0	9.55	AV	27.00	200	Horizontal	Pass
6	15801.825	55.85	2.31	74.0	18.15	Peak	144.00	100	Horizontal	Pass
6**	15801.825	46.11	2.31	54.0	7.89	AV	144.00	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	1541.900	39.59	-17.35	74.0	34.41	Peak	212.00	100	Vertical	Pass
1**	1541.900	29.13	-17.35	54.0	24.87	AV	212.00	100	Vertical	Pass
2	4367.800	49.49	-4.35	74.0	24.51	Peak	360.00	300	Vertical	Pass
2**	4367.800	40.43	-4.35	54.0	13.57	AV	360.00	300	Vertical	Pass
3	5321.200	112.40	-2.85	--	--	Peak	57.00	150	Vertical	N/A
3**	5321.200	104.74	-2.85	--	--	AV	57.00	150	Vertical	N/A
4	7684.825	49.58	-2.30	74.0	24.42	Peak	173.00	300	Vertical	Pass
4**	7684.825	40.51	-2.30	54.0	13.49	AV	173.00	300	Vertical	Pass
5	12512.525	53.20	1.57	74.0	20.80	Peak	220.00	150	Vertical	Pass
5**	12512.525	43.01	1.57	54.0	10.99	AV	220.00	150	Vertical	Pass
6	16032.037	55.49	0.73	74.0	18.51	Peak	179.00	300	Vertical	Pass
6**	16032.037	46.06	0.73	54.0	7.94	AV	179.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.100	38.46	-17.55	74.0	35.54	Peak	1.00	400	Horizontal	Pass
1**	1516.100	28.49	-17.55	54.0	25.51	AV	1.00	400	Horizontal	Pass
2	4369.800	49.68	-4.48	74.0	24.32	Peak	347.00	300	Horizontal	Pass
2**	4369.800	40.60	-4.48	54.0	13.40	AV	347.00	300	Horizontal	Pass
3	5256.200	104.01	-2.35	--	--	Peak	203.00	100	Horizontal	N/A
3**	5256.200	94.46	-2.35	--	--	AV	203.00	100	Horizontal	N/A
4	7695.462	49.53	-2.06	74.0	24.47	Peak	348.00	100	Horizontal	Pass
4**	7695.462	40.59	-2.06	54.0	13.41	AV	348.00	100	Horizontal	Pass
5	12285.975	53.51	1.75	74.0	20.49	Peak	14.00	100	Horizontal	Pass
5**	12285.975	44.39	1.75	54.0	9.61	AV	14.00	100	Horizontal	Pass
6	15800.513	55.96	2.33	74.0	18.04	Peak	162.00	400	Horizontal	Pass
6**	15800.513	46.88	2.33	54.0	7.12	AV	162.00	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	1495.700	40.17	-17.43	74.0	33.83	Peak	29.00	300	Vertical	Pass
1**	1495.700	29.66	-17.43	54.0	24.34	AV	29.00	300	Vertical	Pass
2	4211.800	49.30	-4.98	74.0	24.70	Peak	57.00	400	Vertical	Pass
2**	4211.800	39.73	-4.98	54.0	14.27	AV	57.00	400	Vertical	Pass
3	5259.000	111.15	-2.39	--	--	Peak	78.00	200	Vertical	N/A
3**	5259.000	103.91	-2.39	--	--	AV	78.00	200	Vertical	N/A
4	7620.137	49.08	-3.00	74.0	24.92	Peak	94.00	200	Vertical	Pass
4**	7620.137	39.58	-3.00	54.0	14.42	AV	94.00	200	Vertical	Pass
5	12291.438	53.00	1.64	74.0	21.00	Peak	0.00	100	Vertical	Pass
5**	12291.438	44.02	1.64	54.0	9.98	AV	0.00	100	Vertical	Pass
6	15844.350	56.36	1.38	74.0	17.64	Peak	14.00	400	Vertical	Pass
6**	15844.350	47.02	1.38	54.0	6.98	AV	14.00	400	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	1567.100	38.82	-17.51	74.0	35.18	Peak	277.00	400	Horizontal	Pass
1**	1567.100	29.40	-17.51	54.0	24.60	AV	277.00	400	Horizontal	Pass
2	4355.600	49.53	-3.91	74.0	24.47	Peak	273.00	100	Horizontal	Pass
2**	4355.600	40.63	-3.91	54.0	13.37	AV	273.00	100	Horizontal	Pass
3	5302.200	104.01	-3.02	--	--	Peak	201.00	150	Horizontal	N/A
3**	5302.200	97.56	-3.02	--	--	AV	201.00	150	Horizontal	N/A
4	7344.138	50.41	-3.28	74.0	23.59	Peak	266.00	400	Horizontal	Pass
4**	7344.138	40.35	-3.28	54.0	13.65	AV	266.00	400	Horizontal	Pass
5	12288.562	53.43	1.70	74.0	20.57	Peak	185.00	150	Horizontal	Pass
5**	12288.562	43.86	1.70	54.0	10.14	AV	185.00	150	Horizontal	Pass
6	15871.126	56.31	0.57	74.0	17.69	Peak	360.00	100	Horizontal	Pass
6**	15871.126	45.78	0.57	54.0	8.22	AV	360.00	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	1582.800	38.62	-17.41	74.0	35.38	Peak	341.00	100	Vertical	Pass
1**	1582.800	29.70	-17.41	54.0	24.30	AV	341.00	100	Vertical	Pass
2	4237.600	49.89	-4.67	74.0	24.11	Peak	211.00	400	Vertical	Pass
2**	4237.600	39.67	-4.67	54.0	14.33	AV	211.00	400	Vertical	Pass
3	5298.600	110.03	-3.23	--	--	Peak	48.00	200	Vertical	N/A
3**	5298.600	102.31	-3.23	--	--	AV	48.00	200	Vertical	N/A
4	7305.325	49.47	-2.70	74.0	24.53	Peak	190.00	200	Vertical	Pass
4**	7305.325	41.93	-2.70	54.0	12.07	AV	190.00	200	Vertical	Pass
5	11940.975	53.05	1.66	74.0	20.95	Peak	221.00	150	Vertical	Pass
5**	11940.975	43.69	1.66	54.0	10.31	AV	221.00	150	Vertical	Pass
6	16059.600	55.86	0.93	74.0	18.14	Peak	17.00	100	Vertical	Pass
6**	16059.600	45.51	0.93	54.0	8.49	AV	17.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.400	38.40	-17.70	74.0	35.60	Peak	360.00	300	Horizontal	Pass
1**	1612.400	30.14	-17.70	54.0	23.86	AV	360.00	300	Horizontal	Pass
2	4370.200	49.52	-4.39	74.0	24.48	Peak	0.00	400	Horizontal	Pass
2**	4370.200	41.29	-4.39	54.0	12.71	AV	0.00	400	Horizontal	Pass
3	5319.400	103.80	-2.72	--	--	Peak	216.00	200	Horizontal	N/A
3**	5319.400	96.82	-2.72	--	--	AV	216.00	200	Horizontal	N/A
4	7468.625	49.85	-3.66	74.0	24.15	Peak	167.00	100	Horizontal	Pass
4**	7468.625	39.37	-3.66	54.0	14.63	AV	167.00	100	Horizontal	Pass
5	12328.526	53.23	1.42	74.0	20.77	Peak	360.00	100	Horizontal	Pass
5**	12328.526	43.54	1.42	54.0	10.46	AV	360.00	100	Horizontal	Pass
6	15816.526	55.62	2.00	74.0	18.38	Peak	274.00	300	Horizontal	Pass
6**	15816.526	46.91	2.00	54.0	7.09	AV	274.00	300	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	1493.800	39.98	-17.62	74.0	34.02	Peak	37.00	100	Vertical	Pass
1**	1493.800	31.32	-17.62	54.0	22.68	AV	37.00	100	Vertical	Pass
2	4273.800	50.20	-4.39	74.0	23.80	Peak	80.00	300	Vertical	Pass
2**	4273.800	40.49	-4.39	54.0	13.51	AV	80.00	300	Vertical	Pass
3	5317.000	112.01	-2.54	--	--	Peak	49.00	200	Vertical	N/A
3**	5317.000	103.59	-2.54	--	--	AV	49.00	200	Vertical	N/A
4	7251.275	49.26	-3.15	74.0	24.74	Peak	92.00	300	Vertical	Pass
4**	7251.275	40.10	-3.15	54.0	13.90	AV	92.00	300	Vertical	Pass
5	12417.075	53.85	1.40	74.0	20.15	Peak	172.00	200	Vertical	Pass
5**	12417.075	43.55	1.40	54.0	10.45	AV	172.00	200	Vertical	Pass
6	15799.987	55.51	2.33	74.0	18.49	Peak	33.00	400	Vertical	Pass
6**	15799.987	47.41	2.33	54.0	6.59	AV	33.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.400	38.28	-17.57	74.0	35.72	Peak	82.00	200	Horizontal	Pass
1**	1623.400	28.42	-17.57	54.0	25.58	AV	82.00	200	Horizontal	Pass
2	4371.200	49.23	-4.16	74.0	24.77	Peak	326.00	200	Horizontal	Pass
2**	4371.200	40.88	-4.16	54.0	13.12	AV	326.00	200	Horizontal	Pass
3	5275.000	101.57	-2.76	--	--	Peak	213.00	150	Horizontal	N/A
3**	5275.000	93.56	-2.76	--	--	AV	213.00	150	Horizontal	N/A
4	7336.950	49.39	-3.29	74.0	24.61	Peak	28.00	400	Horizontal	Pass
4**	7336.950	40.42	-3.29	54.0	13.58	AV	28.00	400	Horizontal	Pass
5	11758.701	52.78	1.18	74.0	21.22	Peak	266.00	100	Horizontal	Pass
5**	11758.701	43.30	1.18	54.0	10.70	AV	266.00	100	Horizontal	Pass
6	16039.650	56.32	0.80	74.0	17.68	Peak	89.00	100	Horizontal	Pass
6**	16039.650	47.65	0.80	54.0	6.35	AV	89.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.200	39.14	-17.37	74.0	34.86	Peak	43.00	100	Vertical	Pass
1**	1496.200	30.03	-17.37	54.0	23.97	AV	43.00	100	Vertical	Pass
2	4399.400	49.75	-4.89	74.0	24.25	Peak	89.00	400	Vertical	Pass
2**	4399.400	40.39	-4.89	54.0	13.61	AV	89.00	400	Vertical	Pass
3	5272.200	107.97	-2.74	--	--	Peak	58.00	150	Vertical	N/A
3**	5272.200	99.86	-2.74	--	--	AV	58.00	150	Vertical	N/A
4	7343.563	49.47	-3.31	74.0	24.53	Peak	253.00	400	Vertical	Pass
4**	7343.563	40.72	-3.31	54.0	13.28	AV	253.00	400	Vertical	Pass
5	12202.313	53.91	0.74	74.0	20.09	Peak	157.00	150	Vertical	Pass
5**	12202.313	42.93	0.74	54.0	11.07	AV	157.00	150	Vertical	Pass
6	15836.474	55.66	1.45	74.0	18.34	Peak	0.00	200	Vertical	Pass
6**	15836.474	46.87	1.45	54.0	7.13	AV	0.00	200	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	1543.600	38.82	-17.31	74.0	35.18	Peak	82.00	100	Horizontal	Pass
1**	1543.600	29.40	-17.31	54.0	24.60	AV	82.00	100	Horizontal	Pass
2	4349.400	49.98	-3.78	74.0	24.02	Peak	360.00	400	Horizontal	Pass
2**	4349.400	40.73	-3.78	54.0	13.27	AV	360.00	400	Horizontal	Pass
3	5313.000	101.53	-2.71	--	--	Peak	198.00	100	Horizontal	N/A
3**	5313.000	93.74	-2.71	--	--	AV	198.00	100	Horizontal	N/A
4	7691.150	49.66	-1.91	74.0	24.34	Peak	347.00	300	Horizontal	Pass
4**	7691.150	41.51	-1.91	54.0	12.49	AV	347.00	300	Horizontal	Pass
5	12414.775	53.04	1.42	74.0	20.96	Peak	235.00	200	Horizontal	Pass
5**	12414.775	43.26	1.42	54.0	10.74	AV	235.00	200	Horizontal	Pass
6	15834.637	56.08	1.45	74.0	17.92	Peak	105.00	400	Horizontal	Pass
6**	15834.637	46.34	1.45	54.0	7.66	AV	105.00	400	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	1499.600	39.29	-17.50	74.0	34.71	Peak	177.00	100	Vertical	Pass
1**	1499.600	28.84	-17.50	54.0	25.16	AV	177.00	100	Vertical	Pass
2	4368.000	49.43	-4.40	74.0	24.57	Peak	79.00	400	Vertical	Pass
2**	4368.000	40.25	-4.40	54.0	13.75	AV	79.00	400	Vertical	Pass
3	5313.800	107.40	-2.69	--	--	Peak	48.00	200	Vertical	N/A
3**	5313.800	99.89	-2.69	--	--	AV	48.00	200	Vertical	N/A
4	7676.200	50.06	-2.38	74.0	23.94	Peak	140.00	100	Vertical	Pass
4**	7676.200	40.35	-2.38	54.0	13.65	AV	140.00	100	Vertical	Pass
5	12287.126	53.39	1.73	74.0	20.61	Peak	300.00	100	Vertical	Pass
5**	12287.126	44.56	1.73	54.0	9.44	AV	300.00	100	Vertical	Pass
6	16055.400	55.90	0.80	74.0	18.10	Peak	308.00	400	Vertical	Pass
6**	16055.400	45.94	0.80	54.0	8.06	AV	308.00	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	1446.600	38.47	-17.23	74.0	35.53	Peak	248.00	300	Horizontal	Pass
1**	1446.600	29.12	-17.23	54.0	24.88	AV	248.00	300	Horizontal	Pass
2	4326.400	49.94	-4.37	74.0	24.06	Peak	35.00	200	Horizontal	Pass
2**	4326.400	41.45	-4.37	54.0	12.55	AV	35.00	200	Horizontal	Pass
3	5258.600	104.50	-2.37	--	--	Peak	190.00	150	Horizontal	N/A
3**	5258.600	95.92	-2.37	--	--	AV	190.00	150	Horizontal	N/A
4	7351.037	50.07	-3.43	74.0	23.93	Peak	187.00	200	Horizontal	Pass
4**	7351.037	40.64	-3.43	54.0	13.36	AV	187.00	200	Horizontal	Pass
5	12301.500	53.68	1.45	74.0	20.32	Peak	28.00	200	Horizontal	Pass
5**	12301.500	43.99	1.45	54.0	10.01	AV	28.00	200	Horizontal	Pass
6	16040.438	56.45	0.79	74.0	17.55	Peak	325.00	100	Horizontal	Pass
6**	16040.438	46.14	0.79	54.0	7.86	AV	325.00	100	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	1567.900	38.82	-17.48	74.0	35.18	Peak	116.00	200	Vertical	Pass
1**	1567.900	29.46	-17.48	54.0	24.54	AV	116.00	200	Vertical	Pass
2	4350.600	50.02	-3.69	74.0	23.98	Peak	229.00	200	Vertical	Pass
2**	4350.600	41.21	-3.69	54.0	12.79	AV	229.00	200	Vertical	Pass
3	5259.400	111.75	-2.42	--	--	Peak	44.00	150	Vertical	N/A
3**	5259.400	104.71	-2.42	--	--	AV	44.00	150	Vertical	N/A
4	7342.987	50.26	-3.35	74.0	23.74	Peak	109.00	100	Vertical	Pass
4**	7342.987	41.14	-3.35	54.0	12.86	AV	109.00	100	Vertical	Pass
5	12623.787	53.46	1.64	74.0	20.54	Peak	300.00	100	Vertical	Pass
5**	12623.787	43.36	1.64	54.0	10.64	AV	300.00	100	Vertical	Pass
6	15838.838	55.94	1.45	74.0	18.06	Peak	160.00	300	Vertical	Pass
6**	15838.838	46.73	1.45	54.0	7.27	AV	160.00	300	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	1468.400	39.71	-17.51	74.0	34.29	Peak	116.00	100	Horizontal	Pass
1**	1468.400	29.37	-17.51	54.0	24.63	AV	116.00	100	Horizontal	Pass
2	4351.400	49.77	-3.64	74.0	24.23	Peak	146.00	400	Horizontal	Pass
2**	4351.400	41.12	-3.64	54.0	12.88	AV	146.00	400	Horizontal	Pass
3	5302.200	104.33	-3.02	--	--	Peak	190.00	150	Horizontal	N/A
3**	5302.200	96.19	-3.02	--	--	AV	190.00	150	Horizontal	N/A
4	7688.850	49.68	-2.09	74.0	24.32	Peak	160.00	200	Horizontal	Pass
4**	7688.850	40.67	-2.09	54.0	13.33	AV	160.00	200	Horizontal	Pass
5	12248.025	53.40	0.98	74.0	20.60	Peak	289.00	200	Horizontal	Pass
5**	12248.025	43.19	0.98	54.0	10.81	AV	289.00	200	Horizontal	Pass
6	16184.813	55.90	1.53	74.0	18.10	Peak	308.00	300	Horizontal	Pass
6**	16184.813	45.86	1.53	54.0	8.14	AV	308.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1610.800	38.47	-17.70	74.0	35.53	Peak	0.00	100	Vertical	Pass
1**	1610.800	28.87	-17.70	54.0	25.13	AV	0.00	100	Vertical	Pass
2	4351.400	49.38	-3.64	74.0	24.62	Peak	83.00	300	Vertical	Pass
2**	4351.400	40.76	-3.64	54.0	13.24	AV	83.00	300	Vertical	Pass
3	5298.600	109.81	-3.23	--	--	Peak	42.00	100	Vertical	N/A
3**	5298.600	102.55	-3.23	--	--	AV	42.00	100	Vertical	N/A
4	7687.987	50.38	-2.18	74.0	23.62	Peak	125.00	200	Vertical	Pass
4**	7687.987	40.97	-2.18	54.0	13.03	AV	125.00	200	Vertical	Pass
5	12260.100	54.05	1.08	74.0	19.95	Peak	255.00	150	Vertical	Pass
5**	12260.100	43.44	1.08	54.0	10.56	AV	255.00	150	Vertical	Pass
6	15647.737	56.55	1.21	74.0	17.45	Peak	345.00	300	Vertical	Pass
6**	15647.737	46.63	1.21	54.0	7.37	AV	345.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.600	38.73	-17.36	74.0	35.27	Peak	259.00	400	Horizontal	Pass
1**	1541.600	28.86	-17.36	54.0	25.14	AV	259.00	400	Horizontal	Pass
2	4113.000	49.19	-5.27	74.0	24.81	Peak	292.00	100	Horizontal	Pass
2**	4113.000	40.14	-5.27	54.0	13.86	AV	292.00	100	Horizontal	Pass
3	5316.400	104.87	-2.56	--	--	Peak	199.00	150	Horizontal	N/A
3**	5316.400	96.32	-2.56	--	--	AV	199.00	150	Horizontal	N/A
4	7618.413	49.69	-2.92	74.0	24.31	Peak	252.00	100	Horizontal	Pass
4**	7618.413	39.95	-2.92	54.0	14.05	AV	252.00	100	Horizontal	Pass
5	12283.388	53.28	1.78	74.0	20.72	Peak	0.00	100	Horizontal	Pass
5**	12283.388	44.20	1.78	54.0	9.80	AV	0.00	100	Horizontal	Pass
6	16019.963	55.41	0.52	74.0	18.59	Peak	252.00	400	Horizontal	Pass
6**	16019.963	46.67	0.52	54.0	7.33	AV	252.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.400	38.94	-17.57	74.0	35.06	Peak	31.00	100	Vertical	Pass
1**	1498.400	28.69	-17.57	54.0	25.31	AV	31.00	100	Vertical	Pass
2	4367.000	49.51	-4.20	74.0	24.49	Peak	334.00	200	Vertical	Pass
2**	4367.000	40.40	-4.20	54.0	13.60	AV	334.00	200	Vertical	Pass
3	5319.000	111.95	-2.69	--	--	Peak	36.00	200	Vertical	N/A
3**	5319.000	103.42	-2.69	--	--	AV	36.00	200	Vertical	N/A
4	7346.438	49.43	-3.36	74.0	24.57	Peak	190.00	400	Vertical	Pass
4**	7346.438	41.11	-3.36	54.0	12.89	AV	190.00	400	Vertical	Pass
5	12606.825	54.16	1.91	74.0	19.84	Peak	141.00	150	Vertical	Pass
5**	12606.825	44.60	1.91	54.0	9.40	AV	141.00	150	Vertical	Pass
6	15491.287	56.01	0.97	74.0	17.99	Peak	74.00	200	Vertical	Pass
6**	15491.287	46.46	0.97	54.0	7.54	AV	74.00	200	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	1554.100	38.80	-17.32	74.0	35.20	Peak	194.00	400	Horizontal	Pass
1**	1554.100	29.10	-17.32	54.0	24.90	AV	194.00	400	Horizontal	Pass
2	4369.200	50.11	-4.62	74.0	23.89	Peak	109.00	200	Horizontal	Pass
2**	4369.200	40.24	-4.62	54.0	13.76	AV	109.00	200	Horizontal	Pass
3	5272.800	101.87	-2.74	--	--	Peak	191.00	100	Horizontal	N/A
3**	5272.800	94.37	-2.74	--	--	AV	191.00	100	Horizontal	N/A
4	7346.150	49.21	-3.39	74.0	24.79	Peak	139.00	400	Horizontal	Pass
4**	7346.150	40.93	-3.39	54.0	13.07	AV	139.00	400	Horizontal	Pass
5	11912.513	53.06	1.51	74.0	20.94	Peak	12.00	100	Horizontal	Pass
5**	11912.513	42.67	1.51	54.0	11.33	AV	12.00	100	Horizontal	Pass
6	15851.963	55.86	1.28	74.0	18.14	Peak	327.00	300	Horizontal	Pass
6**	15851.963	46.81	1.28	54.0	7.19	AV	327.00	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	1494.400	39.15	-17.61	74.0	34.85	Peak	31.00	400	Vertical	Pass
1**	1494.400	28.75	-17.61	54.0	25.25	AV	31.00	400	Vertical	Pass
2	4280.800	49.42	-4.70	74.0	24.58	Peak	120.00	200	Vertical	Pass
2**	4280.800	40.22	-4.70	54.0	13.78	AV	120.00	200	Vertical	Pass
3	5267.000	108.45	-2.82	--	--	Peak	50.00	150	Vertical	N/A
3**	5267.000	100.51	-2.82	--	--	AV	50.00	150	Vertical	N/A
4	7677.638	49.90	-2.46	74.0	24.10	Peak	171.00	100	Vertical	Pass
4**	7677.638	40.01	-2.46	54.0	13.99	AV	171.00	100	Vertical	Pass
5	11519.787	53.21	-0.42	74.0	20.79	Peak	171.00	200	Vertical	Pass
5**	11519.787	43.12	-0.42	54.0	10.88	AV	171.00	200	Vertical	Pass
6	15845.137	56.31	1.37	74.0	17.69	Peak	158.00	300	Vertical	Pass
6**	15845.137	46.56	1.37	54.0	7.44	AV	158.00	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	1540.200	38.77	-17.38	74.0	35.23	Peak	265.00	200	Horizontal	Pass
1**	1540.200	29.21	-17.38	54.0	24.79	AV	265.00	200	Horizontal	Pass
2	4349.800	49.14	-3.74	74.0	24.86	Peak	242.00	100	Horizontal	Pass
2**	4349.800	41.10	-3.74	54.0	12.90	AV	242.00	100	Horizontal	Pass
3	5314.400	101.78	-2.67	--	--	Peak	201.00	150	Horizontal	N/A
3**	5314.400	93.75	-2.67	--	--	AV	201.00	150	Horizontal	N/A
4	7339.250	49.51	-3.38	74.0	24.49	Peak	185.00	300	Horizontal	Pass
4**	7339.250	41.26	-3.38	54.0	12.74	AV	185.00	300	Horizontal	Pass
5	12279.650	53.82	1.79	74.0	20.18	Peak	264.00	150	Horizontal	Pass
5**	12279.650	44.01	1.79	54.0	9.99	AV	264.00	150	Horizontal	Pass
6	15777.937	56.87	1.43	74.0	17.13	Peak	0.00	100	Horizontal	Pass
6**	15777.937	45.83	1.43	54.0	8.17	AV	0.00	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	1494.600	38.65	-17.58	74.0	35.35	Peak	36.00	200	Vertical	Pass
1**	1494.600	29.60	-17.58	54.0	24.40	AV	36.00	200	Vertical	Pass
2	4359.800	50.59	-4.19	74.0	23.41	Peak	270.00	400	Vertical	Pass
2**	4359.800	40.68	-4.19	54.0	13.32	AV	270.00	400	Vertical	Pass
3	5314.400	108.31	-2.67	--	--	Peak	45.00	200	Vertical	N/A
3**	5314.400	99.58	-2.67	--	--	AV	45.00	200	Vertical	N/A
4	7692.875	50.10	-1.99	74.0	23.90	Peak	283.00	200	Vertical	Pass
4**	7692.875	40.54	-1.99	54.0	13.46	AV	283.00	200	Vertical	Pass
5	12350.375	52.90	1.22	74.0	21.10	Peak	108.00	150	Vertical	Pass
5**	12350.375	43.79	1.22	54.0	10.21	AV	108.00	150	Vertical	Pass
6	16083.750	55.73	1.56	74.0	18.27	Peak	13.00	300	Vertical	Pass
6**	16083.750	46.84	1.56	54.0	7.16	AV	13.00	300	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	1512.900	38.90	-17.65	74.0	35.10	Peak	303.00	400	Horizontal	Pass
1**	1512.900	28.87	-17.65	54.0	25.13	AV	303.00	400	Horizontal	Pass
2	4384.400	49.81	-4.66	74.0	24.19	Peak	76.00	300	Horizontal	Pass
2**	4384.400	40.98	-4.66	54.0	13.02	AV	76.00	300	Horizontal	Pass
3	5291.800	98.47	-3.19	--	--	Peak	199.00	200	Horizontal	N/A
3**	5291.800	88.83	-3.19	--	--	AV	199.00	200	Horizontal	N/A
4	7341.837	49.51	-3.43	74.0	24.49	Peak	92.00	400	Horizontal	Pass
4**	7341.837	41.78	-3.43	54.0	12.22	AV	92.00	400	Horizontal	Pass
5	12306.099	53.99	1.38	74.0	20.01	Peak	60.00	100	Horizontal	Pass
5**	12306.099	42.99	1.38	54.0	11.01	AV	60.00	100	Horizontal	Pass
6	16076.401	55.50	1.57	74.0	18.50	Peak	30.00	300	Horizontal	Pass
6**	16076.401	46.50	1.57	54.0	7.50	AV	30.00	300	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	1496.100	39.97	-17.38	74.0	34.03	Peak	25.00	400	Vertical	Pass
1**	1496.100	29.29	-17.38	54.0	24.71	AV	25.00	400	Vertical	Pass
2	4371.200	49.43	-4.16	74.0	24.57	Peak	241.00	400	Vertical	Pass
2**	4371.200	40.63	-4.16	54.0	13.37	AV	241.00	400	Vertical	Pass
3	5295.600	105.00	-3.27	--	--	Peak	45.00	150	Vertical	N/A
3**	5295.600	97.23	-3.27	--	--	AV	45.00	150	Vertical	N/A
4	7687.700	49.85	-2.19	74.0	24.15	Peak	107.00	200	Vertical	Pass
4**	7687.700	41.01	-2.19	54.0	12.99	AV	107.00	200	Vertical	Pass
5	10937.026	52.98	-0.03	74.0	21.02	Peak	346.00	200	Vertical	Pass
5**	10937.026	43.47	-0.03	54.0	10.53	AV	346.00	200	Vertical	Pass
6	15642.488	55.58	1.29	74.0	18.42	Peak	34.00	100	Vertical	Pass
6**	15642.488	46.14	1.29	54.0	7.86	AV	34.00	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	1505.100	39.12	-17.42	74.0	34.88	Peak	259.00	400	Horizontal	Pass
1**	1505.100	29.14	-17.42	54.0	24.86	AV	259.00	400	Horizontal	Pass
2	4361.200	49.16	-4.28	74.0	24.84	Peak	4.00	300	Horizontal	Pass
2**	4361.200	40.60	-4.28	54.0	13.40	AV	4.00	300	Horizontal	Pass
3	5499.000	104.41	-2.27	--	--	Peak	193.00	100	Horizontal	N/A
3**	5499.000	95.72	-2.27	--	--	AV	193.00	100	Horizontal	N/A
4	7407.963	49.18	-3.91	74.0	24.82	Peak	94.00	200	Horizontal	Pass
4**	7407.963	40.28	-3.91	54.0	13.72	AV	94.00	200	Horizontal	Pass
5	12343.474	52.89	1.28	74.0	21.11	Peak	360.00	200	Horizontal	Pass
5**	12343.474	43.24	1.28	54.0	10.76	AV	360.00	200	Horizontal	Pass
6	15490.500	55.49	0.95	74.0	18.51	Peak	218.00	200	Horizontal	Pass
6**	15490.500	47.58	0.95	54.0	6.42	AV	218.00	200	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	1550.600	38.23	-17.47	74.0	35.77	Peak	31.00	100	Vertical	Pass
1**	1550.600	29.22	-17.47	54.0	24.78	AV	31.00	100	Vertical	Pass
2	4263.000	50.09	-4.95	74.0	23.91	Peak	127.00	100	Vertical	Pass
2**	4263.000	39.77	-4.95	54.0	14.23	AV	127.00	100	Vertical	Pass
3	5497.800	107.36	-2.20	--	--	Peak	35.00	150	Vertical	N/A
3**	5497.800	99.35	-2.20	--	--	AV	35.00	150	Vertical	N/A
4	7574.712	49.28	-2.98	74.0	24.72	Peak	360.00	300	Vertical	Pass
4**	7574.712	39.49	-2.98	54.0	14.51	AV	360.00	300	Vertical	Pass
5	12285.688	53.03	1.76	74.0	20.97	Peak	360.00	150	Vertical	Pass
5**	12285.688	43.81	1.76	54.0	10.19	AV	360.00	150	Vertical	Pass
6	16071.675	56.14	1.41	74.0	17.86	Peak	344.00	300	Vertical	Pass
6**	16071.675	46.41	1.41	54.0	7.59	AV	344.00	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	1564.000	38.29	-17.52	74.0	35.71	Peak	20.00	200	Horizontal	Pass
1**	1564.000	28.78	-17.52	54.0	25.22	AV	20.00	200	Horizontal	Pass
2	4383.400	49.94	-4.64	74.0	24.06	Peak	0.00	200	Horizontal	Pass
2**	4383.400	40.74	-4.64	54.0	13.26	AV	0.00	200	Horizontal	Pass
3	5582.200	104.34	-1.90	--	--	Peak	197.00	150	Horizontal	N/A
3**	5582.200	96.59	-1.90	--	--	AV	197.00	150	Horizontal	N/A
4	7394.737	49.52	-3.74	74.0	24.48	Peak	302.00	300	Horizontal	Pass
4**	7394.737	39.98	-3.74	54.0	14.02	AV	302.00	300	Horizontal	Pass
5	12277.638	53.55	1.72	74.0	20.45	Peak	107.00	200	Horizontal	Pass
5**	12277.638	44.49	1.72	54.0	9.51	AV	107.00	200	Horizontal	Pass
6	15791.588	55.68	2.06	74.0	18.32	Peak	121.00	300	Horizontal	Pass
6**	15791.588	46.40	2.06	54.0	7.60	AV	121.00	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	1501.300	38.48	-17.46	74.0	35.52	Peak	48.00	100	Vertical	Pass
1**	1501.300	28.88	-17.46	54.0	25.12	AV	48.00	100	Vertical	Pass
2	4280.000	49.61	-4.54	74.0	24.39	Peak	301.00	200	Vertical	Pass
2**	4280.000	40.67	-4.54	54.0	13.33	AV	301.00	200	Vertical	Pass
3	5576.400	108.11	-1.83	--	--	Peak	45.00	150	Vertical	N/A
3**	5576.400	99.70	-1.83	--	--	AV	45.00	150	Vertical	N/A
4	7345.862	49.79	-3.37	74.0	24.21	Peak	44.00	100	Vertical	Pass
4**	7345.862	41.36	-3.37	54.0	12.64	AV	44.00	100	Vertical	Pass
5	12290.575	52.93	1.65	74.0	21.07	Peak	332.00	100	Vertical	Pass
5**	12290.575	44.20	1.65	54.0	9.80	AV	332.00	100	Vertical	Pass
6	15818.888	56.13	1.92	74.0	17.87	Peak	142.00	200	Vertical	Pass
6**	15818.888	46.44	1.92	54.0	7.56	AV	142.00	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	1510.900	38.20	-17.55	74.0	35.80	Peak	121.00	100	Horizontal	Pass
1**	1510.900	28.17	-17.55	54.0	25.83	AV	121.00	100	Horizontal	Pass
2	4050.400	49.61	-5.07	74.0	24.39	Peak	149.00	100	Horizontal	Pass
2**	4050.400	39.31	-5.07	54.0	14.69	AV	149.00	100	Horizontal	Pass
3	5701.200	107.28	-1.50	--	--	Peak	190.00	150	Horizontal	N/A
3**	5701.200	101.02	-1.50	--	--	AV	190.00	150	Horizontal	N/A
4	7345.862	49.26	-3.37	74.0	24.74	Peak	28.00	100	Horizontal	Pass
4**	7345.862	40.57	-3.37	54.0	13.43	AV	28.00	100	Horizontal	Pass
5	12386.600	53.22	1.54	74.0	20.78	Peak	156.00	200	Horizontal	Pass
5**	12386.600	43.47	1.54	54.0	10.53	AV	156.00	200	Horizontal	Pass
6	15837.787	55.87	1.45	74.0	18.13	Peak	326.00	400	Horizontal	Pass
6**	15837.787	46.48	1.45	54.0	7.52	AV	326.00	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	1499.300	39.53	-17.52	74.0	34.47	Peak	35.00	100	Vertical	Pass
1**	1499.300	29.00	-17.52	54.0	25.00	AV	35.00	100	Vertical	Pass
2	4370.800	49.34	-4.25	74.0	24.66	Peak	168.00	100	Vertical	Pass
2**	4370.800	39.87	-4.25	54.0	14.13	AV	168.00	100	Vertical	Pass
3	5698.400	112.83	-1.50	--	--	Peak	46.00	100	Vertical	N/A
3**	5698.400	104.89	-1.50	--	--	AV	46.00	100	Vertical	N/A
4	7441.888	49.52	-3.86	74.0	24.48	Peak	255.00	300	Vertical	Pass
4**	7441.888	39.99	-3.86	54.0	14.01	AV	255.00	300	Vertical	Pass
5	12318.750	53.33	1.42	74.0	20.67	Peak	238.00	100	Vertical	Pass
5**	12318.750	43.96	1.42	54.0	10.04	AV	238.00	100	Vertical	Pass
6	16120.762	56.15	0.64	74.0	17.85	Peak	159.00	100	Vertical	Pass
6**	16120.762	46.17	0.64	54.0	7.83	AV	159.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.100	38.18	-17.35	74.0	35.82	Peak	152.00	200	Horizontal	Pass
1**	1542.100	29.71	-17.35	54.0	24.29	AV	152.00	200	Horizontal	Pass
2	4273.000	50.13	-4.39	74.0	23.87	Peak	312.00	400	Horizontal	Pass
2**	4273.000	40.10	-4.39	54.0	13.90	AV	312.00	400	Horizontal	Pass
3	5498.400	106.18	-2.23	--	--	Peak	187.00	200	Horizontal	N/A
3**	5498.400	98.62	-2.23	--	--	AV	187.00	200	Horizontal	N/A
4	7301.875	49.40	-2.75	74.0	24.60	Peak	350.00	100	Horizontal	Pass
4**	7301.875	39.51	-2.75	54.0	14.49	AV	350.00	100	Horizontal	Pass
5	12605.388	53.26	1.91	74.0	20.74	Peak	207.00	150	Horizontal	Pass
5**	12605.388	43.64	1.91	54.0	10.36	AV	207.00	150	Horizontal	Pass
6	15833.588	56.10	1.46	74.0	17.90	Peak	252.00	300	Horizontal	Pass
6**	15833.588	46.03	1.46	54.0	7.97	AV	252.00	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	1495.600	39.66	-17.45	74.0	34.34	Peak	37.00	100	Vertical	Pass
1**	1495.600	29.15	-17.45	54.0	24.85	AV	37.00	100	Vertical	Pass
2	4228.000	49.84	-4.93	74.0	24.16	Peak	118.00	100	Vertical	Pass
2**	4228.000	40.15	-4.93	54.0	13.85	AV	118.00	100	Vertical	Pass
3	5502.000	110.14	-2.35	--	--	Peak	46.00	150	Vertical	N/A
3**	5502.000	103.51	-2.35	--	--	AV	46.00	150	Vertical	N/A
4	7434.413	49.49	-3.68	74.0	24.51	Peak	260.00	300	Vertical	Pass
4**	7434.413	39.31	-3.68	54.0	14.69	AV	260.00	300	Vertical	Pass
5	12292.300	52.81	1.62	74.0	21.19	Peak	157.00	200	Vertical	Pass
5**	12292.300	44.60	1.62	54.0	9.40	AV	157.00	200	Vertical	Pass
6	15848.287	56.20	1.34	74.0	17.80	Peak	345.00	200	Vertical	Pass
6**	15848.287	46.81	1.34	54.0	7.19	AV	345.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.300	39.20	-17.59	74.0	34.80	Peak	360.00	300	Horizontal	Pass
1**	1574.300	29.78	-17.59	54.0	24.22	AV	360.00	300	Horizontal	Pass
2	4364.200	49.20	-4.41	74.0	24.80	Peak	63.00	300	Horizontal	Pass
2**	4364.200	40.48	-4.41	54.0	13.52	AV	63.00	300	Horizontal	Pass
3	5577.600	107.85	-1.94	--	--	Peak	196.00	150	Horizontal	N/A
3**	5577.600	97.94	-1.94	--	--	AV	196.00	150	Horizontal	N/A
4	7348.450	49.46	-3.15	74.0	24.54	Peak	360.00	100	Horizontal	Pass
4**	7348.450	41.15	-3.15	54.0	12.85	AV	360.00	100	Horizontal	Pass
5	12299.201	52.98	1.49	74.0	21.02	Peak	111.00	200	Horizontal	Pass
5**	12299.201	43.42	1.49	54.0	10.58	AV	111.00	200	Horizontal	Pass
6	16036.763	56.12	0.77	74.0	17.88	Peak	85.00	300	Horizontal	Pass
6**	16036.763	47.31	0.77	54.0	6.69	AV	85.00	300	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	1446.800	38.63	-17.24	74.0	35.37	Peak	271.00	200	Vertical	Pass
1**	1446.800	29.75	-17.24	54.0	24.25	AV	271.00	200	Vertical	Pass
2	4366.200	48.91	-4.24	74.0	25.09	Peak	360.00	200	Vertical	Pass
2**	4366.200	40.85	-4.24	54.0	13.15	AV	360.00	200	Vertical	Pass
3	5579.200	111.28	-1.92	--	--	Peak	55.00	150	Vertical	N/A
3**	5579.200	103.92	-1.92	--	--	AV	55.00	150	Vertical	N/A
4	7465.750	49.24	-3.64	74.0	24.76	Peak	304.00	400	Vertical	Pass
4**	7465.750	39.00	-3.64	54.0	15.00	AV	304.00	400	Vertical	Pass
5	12319.901	53.32	1.42	74.0	20.68	Peak	77.00	100	Vertical	Pass
5**	12319.901	43.61	1.42	54.0	10.39	AV	77.00	100	Vertical	Pass
6	15838.050	56.34	1.45	74.0	17.66	Peak	325.00	100	Vertical	Pass
6**	15838.050	46.28	1.45	54.0	7.72	AV	325.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1451.800	38.45	-17.53	74.0	35.55	Peak	232.00	100	Horizontal	Pass
1**	1451.800	29.15	-17.53	54.0	24.85	AV	232.00	100	Horizontal	Pass
2	4368.000	50.47	-4.40	74.0	23.53	Peak	343.00	300	Horizontal	Pass
2**	4368.000	40.90	-4.40	54.0	13.10	AV	343.00	300	Horizontal	Pass
3	5701.000	107.91	-1.49	--	--	Peak	35.00	100	Horizontal	N/A
3**	5701.000	99.21	-1.49	--	--	AV	35.00	100	Horizontal	N/A
4	7395.600	49.39	-3.78	74.0	24.61	Peak	173.00	100	Horizontal	Pass
4**	7395.600	40.02	-3.78	54.0	13.98	AV	173.00	100	Horizontal	Pass
5	12290.575	53.13	1.65	74.0	20.87	Peak	316.00	200	Horizontal	Pass
5**	12290.575	44.34	1.65	54.0	9.66	AV	316.00	200	Horizontal	Pass
6	16174.312	55.76	1.30	74.0	18.24	Peak	81.00	200	Horizontal	Pass
6**	16174.312	46.22	1.30	54.0	7.78	AV	81.00	200	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	1499.200	38.66	-17.52	74.0	35.34	Peak	37.00	100	Vertical	Pass
1**	1499.200	28.31	-17.52	54.0	25.69	AV	37.00	100	Vertical	Pass
2	4354.000	49.97	-3.79	74.0	24.03	Peak	332.00	400	Vertical	Pass
2**	4354.000	40.36	-3.79	54.0	13.64	AV	332.00	400	Vertical	Pass
3	5702.200	111.27	-1.45	--	--	Peak	54.00	100	Vertical	N/A
3**	5702.200	103.12	-1.45	--	--	AV	54.00	100	Vertical	N/A
4	7283.188	49.72	-3.47	74.0	24.28	Peak	351.00	100	Vertical	Pass
4**	7283.188	39.76	-3.47	54.0	14.24	AV	351.00	100	Vertical	Pass
5	12282.526	53.08	1.79	74.0	20.92	Peak	254.00	150	Vertical	Pass
5**	12282.526	44.40	1.79	54.0	9.60	AV	254.00	150	Vertical	Pass
6	15795.787	55.71	2.19	74.0	18.29	Peak	290.00	200	Vertical	Pass
6**	15795.787	47.47	2.19	54.0	6.53	AV	290.00	200	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	1622.700	38.32	-17.61	74.0	35.68	Peak	327.00	300	Horizontal	Pass
1**	1622.700	28.88	-17.61	54.0	25.12	AV	327.00	300	Horizontal	Pass
2	4046.600	49.26	-4.97	74.0	24.74	Peak	50.00	300	Horizontal	Pass
2**	4046.600	40.13	-4.97	54.0	13.87	AV	50.00	300	Horizontal	Pass
3	5505.400	103.22	-2.36	--	--	Peak	197.00	200	Horizontal	N/A
3**	5505.400	95.39	-2.36	--	--	AV	197.00	200	Horizontal	N/A
4	7299.575	49.49	-2.77	74.0	24.51	Peak	12.00	100	Horizontal	Pass
4**	7299.575	39.96	-2.77	54.0	14.04	AV	12.00	100	Horizontal	Pass
5	12415.350	53.85	1.41	74.0	20.15	Peak	302.00	200	Horizontal	Pass
5**	12415.350	44.50	1.41	54.0	9.50	AV	302.00	200	Horizontal	Pass
6	15847.763	55.90	1.35	74.0	18.10	Peak	102.00	200	Horizontal	Pass
6**	15847.763	46.90	1.35	54.0	7.10	AV	102.00	200	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	1446.700	38.98	-17.24	74.0	35.02	Peak	356.00	200	Vertical	Pass
1**	1446.700	29.49	-17.24	54.0	24.51	AV	356.00	200	Vertical	Pass
2	4376.600	50.13	-4.69	74.0	23.87	Peak	360.00	100	Vertical	Pass
2**	4376.600	39.96	-4.69	54.0	14.04	AV	360.00	100	Vertical	Pass
3	5513.400	107.92	-2.42	--	--	Peak	49.00	200	Vertical	N/A
3**	5513.400	98.35	-2.42	--	--	AV	49.00	200	Vertical	N/A
4	7351.900	50.05	-3.50	74.0	23.95	Peak	0.00	300	Vertical	Pass
4**	7351.900	40.59	-3.50	54.0	13.41	AV	0.00	300	Vertical	Pass
5	12277.638	53.19	1.72	74.0	20.81	Peak	330.00	100	Vertical	Pass
5**	12277.638	44.49	1.72	54.0	9.51	AV	330.00	100	Vertical	Pass
6	15800.250	56.89	2.33	74.0	17.11	Peak	0.00	400	Vertical	Pass
6**	15800.250	47.84	2.33	54.0	6.16	AV	0.00	400	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	1505.300	38.39	-17.45	74.0	35.61	Peak	27.00	400	Horizontal	Pass
1**	1505.300	29.35	-17.45	54.0	24.65	AV	27.00	400	Horizontal	Pass
2	4366.600	50.30	-4.22	74.0	23.70	Peak	32.00	400	Horizontal	Pass
2**	4366.600	40.66	-4.22	54.0	13.34	AV	32.00	400	Horizontal	Pass
3	5588.000	104.35	-1.91	--	--	Peak	193.00	200	Horizontal	N/A
3**	5588.000	96.75	-1.91	--	--	AV	193.00	200	Horizontal	N/A
4	7346.725	50.46	-3.32	74.0	23.54	Peak	12.00	100	Horizontal	Pass
4**	7346.725	41.88	-3.32	54.0	12.12	AV	12.00	100	Horizontal	Pass
5	12690.775	53.90	0.84	74.0	20.10	Peak	61.00	200	Horizontal	Pass
5**	12690.775	43.38	0.84	54.0	10.62	AV	61.00	200	Horizontal	Pass
6	16084.275	56.00	1.54	74.0	18.00	Peak	154.00	200	Horizontal	Pass
6**	16084.275	46.29	1.54	54.0	7.71	AV	154.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.200	39.30	-17.37	74.0	34.70	Peak	90.00	200	Vertical	Pass
1**	1496.200	29.56	-17.37	54.0	24.44	AV	90.00	200	Vertical	Pass
2	4381.200	49.89	-4.57	74.0	24.11	Peak	160.00	200	Vertical	Pass
2**	4381.200	41.20	-4.57	54.0	12.80	AV	160.00	200	Vertical	Pass
3	5587.600	107.36	-1.86	--	--	Peak	48.00	200	Vertical	N/A
3**	5587.600	100.14	-1.86	--	--	AV	48.00	200	Vertical	N/A
4	7343.563	49.79	-3.31	74.0	24.21	Peak	234.00	100	Vertical	Pass
4**	7343.563	40.83	-3.31	54.0	13.17	AV	234.00	100	Vertical	Pass
5	12358.713	52.99	1.17	74.0	21.01	Peak	201.00	150	Vertical	Pass
5**	12358.713	43.00	1.17	54.0	11.00	AV	201.00	150	Vertical	Pass
6	16042.276	55.68	0.77	74.0	18.32	Peak	309.00	200	Vertical	Pass
6**	16042.276	45.77	0.77	54.0	8.23	AV	309.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.500	38.88	-17.67	74.0	35.12	Peak	344.00	100	Horizontal	Pass
1**	1482.500	29.11	-17.67	54.0	24.89	AV	344.00	100	Horizontal	Pass
2	4373.000	49.94	-4.59	74.0	24.06	Peak	213.00	100	Horizontal	Pass
2**	4373.000	40.74	-4.59	54.0	13.26	AV	213.00	100	Horizontal	Pass
3	5680.000	103.56	-1.57	--	--	Peak	36.00	150	Horizontal	N/A
3**	5680.000	95.83	-1.57	--	--	AV	36.00	150	Horizontal	N/A
4	7263.638	49.53	-2.51	74.0	24.47	Peak	228.00	100	Horizontal	Pass
4**	7263.638	40.02	-2.51	54.0	13.98	AV	228.00	100	Horizontal	Pass
5	11633.637	53.00	-0.21	74.0	21.00	Peak	211.00	100	Horizontal	Pass
5**	11633.637	42.85	-0.21	54.0	11.15	AV	211.00	100	Horizontal	Pass
6	16109.737	55.55	0.78	74.0	18.45	Peak	250.00	300	Horizontal	Pass
6**	16109.737	46.00	0.78	54.0	8.00	AV	250.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.400	39.05	-17.61	74.0	34.95	Peak	339.00	400	Vertical	Pass
1**	1494.400	29.35	-17.61	54.0	24.65	AV	339.00	400	Vertical	Pass
2	4348.800	49.98	-3.83	74.0	24.02	Peak	109.00	300	Vertical	Pass
2**	4348.800	40.36	-3.83	54.0	13.64	AV	109.00	300	Vertical	Pass
3	5673.800	107.78	-2.05	--	--	Peak	46.00	200	Vertical	N/A
3**	5673.800	99.30	-2.05	--	--	AV	46.00	200	Vertical	N/A
4	7340.112	49.51	-3.40	74.0	24.49	Peak	257.00	400	Vertical	Pass
4**	7340.112	41.50	-3.40	54.0	12.50	AV	257.00	400	Vertical	Pass
5	12451.000	53.55	1.89	74.0	20.45	Peak	257.00	200	Vertical	Pass
5**	12451.000	44.02	1.89	54.0	9.98	AV	257.00	200	Vertical	Pass
6	16163.025	56.15	0.99	74.0	17.85	Peak	105.00	200	Vertical	Pass
6**	16163.025	45.64	0.99	54.0	8.36	AV	105.00	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	1553.200	38.52	-17.33	74.0	35.48	Peak	298.00	400	Horizontal	Pass
1**	1553.200	28.99	-17.33	54.0	25.01	AV	298.00	400	Horizontal	Pass
2	4381.000	49.84	-4.56	74.0	24.16	Peak	36.00	200	Horizontal	Pass
2**	4381.000	40.68	-4.56	54.0	13.32	AV	36.00	200	Horizontal	Pass
3	5499.200	106.64	-2.28	--	--	Peak	194.00	150	Horizontal	N/A
3**	5499.200	99.41	-2.28	--	--	AV	194.00	150	Horizontal	N/A
4	7342.987	49.93	-3.35	74.0	24.07	Peak	344.00	200	Horizontal	Pass
4**	7342.987	40.92	-3.35	54.0	13.08	AV	344.00	200	Horizontal	Pass
5	12287.988	53.17	1.71	74.0	20.83	Peak	80.00	200	Horizontal	Pass
5**	12287.988	44.19	1.71	54.0	9.81	AV	80.00	200	Horizontal	Pass
6	16174.576	56.15	1.31	74.0	17.85	Peak	148.00	400	Horizontal	Pass
6**	16174.576	46.42	1.31	54.0	7.58	AV	148.00	400	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	1499.200	40.21	-17.52	74.0	33.79	Peak	31.00	100	Vertical	Pass
1**	1499.200	32.85	-17.52	54.0	21.15	AV	31.00	100	Vertical	Pass
2	4352.000	49.38	-3.60	74.0	24.62	Peak	96.00	300	Vertical	Pass
2**	4352.000	40.67	-3.60	54.0	13.33	AV	96.00	300	Vertical	Pass
3	5499.000	111.09	-2.27	--	--	Peak	37.00	150	Vertical	N/A
3**	5499.000	105.28	-2.27	--	--	AV	37.00	150	Vertical	N/A
4	7342.125	49.67	-3.42	74.0	24.33	Peak	146.00	200	Vertical	Pass
4**	7342.125	41.31	-3.42	54.0	12.69	AV	146.00	200	Vertical	Pass
5	12618.325	53.54	1.82	74.0	20.46	Peak	32.00	150	Vertical	Pass
5**	12618.325	43.87	1.82	54.0	10.13	AV	32.00	150	Vertical	Pass
6	15818.100	55.95	1.95	74.0	18.05	Peak	319.00	300	Vertical	Pass
6**	15818.100	46.53	1.95	54.0	7.47	AV	319.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.500	38.84	-17.46	74.0	35.16	Peak	254.00	300	Horizontal	Pass
1**	1495.500	29.13	-17.46	54.0	24.87	AV	254.00	300	Horizontal	Pass
2	4274.600	49.64	-4.41	74.0	24.36	Peak	279.00	400	Horizontal	Pass
2**	4274.600	40.69	-4.41	54.0	13.31	AV	279.00	400	Horizontal	Pass
3	5576.800	106.99	-1.87	--	--	Peak	186.00	100	Horizontal	N/A
3**	5576.800	99.02	-1.87	--	--	AV	186.00	100	Horizontal	N/A
4	7345.288	49.94	-3.34	74.0	24.06	Peak	66.00	200	Horizontal	Pass
4**	7345.288	41.44	-3.34	54.0	12.56	AV	66.00	200	Horizontal	Pass
5	12623.213	53.65	1.67	74.0	20.35	Peak	14.00	150	Horizontal	Pass
5**	12623.213	43.71	1.67	54.0	10.29	AV	14.00	150	Horizontal	Pass
6	15796.838	55.96	2.23	74.0	18.04	Peak	150.00	300	Horizontal	Pass
6**	15796.838	47.73	2.23	54.0	6.27	AV	150.00	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	1499.900	39.50	-17.49	74.0	34.50	Peak	40.00	400	Vertical	Pass
1**	1499.900	29.00	-17.49	54.0	25.00	AV	40.00	400	Vertical	Pass
2	4309.600	50.22	-4.80	74.0	23.78	Peak	159.00	400	Vertical	Pass
2**	4309.600	39.63	-4.80	54.0	14.37	AV	159.00	400	Vertical	Pass
3	5578.800	111.59	-1.95	--	--	Peak	45.00	100	Vertical	N/A
3**	5578.800	104.60	-1.95	--	--	AV	45.00	100	Vertical	N/A
4	7363.400	50.12	-3.75	74.0	23.88	Peak	360.00	400	Vertical	Pass
4**	7363.400	41.04	-3.75	54.0	12.96	AV	360.00	400	Vertical	Pass
5	11045.125	53.53	-0.60	74.0	20.47	Peak	49.00	100	Vertical	Pass
5**	11045.125	42.50	-0.60	54.0	11.50	AV	49.00	100	Vertical	Pass
6	15679.762	55.19	1.58	74.0	18.81	Peak	360.00	200	Vertical	Pass
6**	15679.762	45.64	1.58	54.0	8.36	AV	360.00	200	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	1610.000	38.67	-17.70	74.0	35.33	Peak	343.00	200	Horizontal	Pass
1**	1610.000	29.09	-17.70	54.0	24.91	AV	343.00	200	Horizontal	Pass
2	4189.800	49.46	-4.79	74.0	24.54	Peak	342.00	300	Horizontal	Pass
2**	4189.800	40.61	-4.79	54.0	13.39	AV	342.00	300	Horizontal	Pass
3	5702.000	108.64	-1.46	--	--	Peak	196.00	200	Horizontal	N/A
3**	5702.000	100.12	-1.46	--	--	AV	196.00	200	Horizontal	N/A
4	7355.350	49.83	-3.47	74.0	24.17	Peak	13.00	200	Horizontal	Pass
4**	7355.350	40.67	-3.47	54.0	13.33	AV	13.00	200	Horizontal	Pass
5	12275.625	53.31	1.64	74.0	20.69	Peak	178.00	150	Horizontal	Pass
5**	12275.625	43.80	1.64	54.0	10.20	AV	178.00	150	Horizontal	Pass
6	16091.625	56.09	1.40	74.0	17.91	Peak	157.00	100	Horizontal	Pass
6**	16091.625	47.35	1.40	54.0	6.65	AV	157.00	100	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	39.84	-17.50	74.0	34.16	Peak	38.00	100	Vertical	Pass
1**	1499.700	28.97	-17.50	54.0	25.03	AV	38.00	100	Vertical	Pass
2	4345.800	49.54	-4.09	74.0	24.46	Peak	309.00	400	Vertical	Pass
2**	4345.800	40.47	-4.09	54.0	13.53	AV	309.00	400	Vertical	Pass
3	5701.600	112.36	-1.49	--	--	Peak	0.00	100	Vertical	N/A
3**	5701.600	104.24	-1.49	--	--	AV	0.00	100	Vertical	N/A
4	7341.550	50.07	-3.43	74.0	23.93	Peak	0.00	400	Vertical	Pass
4**	7341.550	40.94	-3.43	54.0	13.06	AV	0.00	400	Vertical	Pass
5	12453.300	53.13	1.88	74.0	20.87	Peak	31.00	100	Vertical	Pass
5**	12453.300	44.47	1.88	54.0	9.53	AV	31.00	100	Vertical	Pass
6	15496.537	55.78	1.08	74.0	18.22	Peak	343.00	300	Vertical	Pass
6**	15496.537	45.68	1.08	54.0	8.32	AV	343.00	300	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	1485.200	38.65	-17.59	74.0	35.35	Peak	248.00	200	Horizontal	Pass
1**	1485.200	29.44	-17.59	54.0	24.56	AV	248.00	200	Horizontal	Pass
2	4371.600	50.36	-4.23	74.0	23.64	Peak	277.00	300	Horizontal	Pass
2**	4371.600	42.37	-4.23	54.0	11.63	AV	277.00	300	Horizontal	Pass
3	5505.000	103.18	-2.37	--	--	Peak	192.00	150	Horizontal	N/A
3**	5505.000	95.49	-2.37	--	--	AV	192.00	150	Horizontal	N/A
4	7363.400	50.57	-3.75	74.0	23.43	Peak	112.00	400	Horizontal	Pass
4**	7363.400	40.59	-3.75	54.0	13.41	AV	112.00	400	Horizontal	Pass
5	12459.625	53.67	1.80	74.0	20.33	Peak	28.00	150	Horizontal	Pass
5**	12459.625	44.24	1.80	54.0	9.76	AV	28.00	150	Horizontal	Pass
6	15811.276	56.38	2.14	74.0	17.62	Peak	180.00	200	Horizontal	Pass
6**	15811.276	47.28	2.14	54.0	6.72	AV	180.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.400	38.59	-17.38	74.0	35.41	Peak	31.00	300	Vertical	Pass
1**	1496.400	29.31	-17.38	54.0	24.69	AV	31.00	300	Vertical	Pass
2	4284.400	49.52	-4.99	74.0	24.48	Peak	322.00	300	Vertical	Pass
2**	4284.400	40.38	-4.99	54.0	13.62	AV	322.00	300	Vertical	Pass
3	5507.600	109.28	-2.49	--	--	Peak	48.00	150	Vertical	N/A
3**	5507.600	100.46	-2.49	--	--	AV	48.00	150	Vertical	N/A
4	7435.850	49.51	-3.60	74.0	24.49	Peak	29.00	100	Vertical	Pass
4**	7435.850	39.87	-3.60	54.0	14.13	AV	29.00	100	Vertical	Pass
5	12298.050	53.05	1.51	74.0	20.95	Peak	153.00	150	Vertical	Pass
5**	12298.050	43.12	1.51	54.0	10.88	AV	153.00	150	Vertical	Pass
6	15841.463	55.51	1.42	74.0	18.49	Peak	159.00	150	Vertical	Pass
6**	15841.463	47.11	1.42	54.0	6.89	AV	159.00	150	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	1582.600	38.95	-17.39	74.0	35.05	Peak	360.00	400	Horizontal	Pass
1**	1582.600	29.69	-17.39	54.0	24.31	AV	360.00	400	Horizontal	Pass
2	4275.000	49.75	-4.42	74.0	24.25	Peak	17.00	300	Horizontal	Pass
2**	4275.000	40.93	-4.42	54.0	13.07	AV	17.00	300	Horizontal	Pass
3	5593.000	104.73	-2.02	--	--	Peak	189.00	100	Horizontal	N/A
3**	5593.000	97.04	-2.02	--	--	AV	189.00	100	Horizontal	N/A
4	7347.588	50.18	-3.22	74.0	23.82	Peak	157.00	300	Horizontal	Pass
4**	7347.588	41.43	-3.22	54.0	12.57	AV	157.00	300	Horizontal	Pass
5	11923.724	53.80	1.51	74.0	20.20	Peak	141.00	150	Horizontal	Pass
5**	11923.724	43.60	1.51	54.0	10.40	AV	141.00	150	Horizontal	Pass
6	16171.425	55.88	1.21	74.0	18.12	Peak	235.00	400	Horizontal	Pass
6**	16171.425	47.00	1.21	54.0	7.00	AV	235.00	400	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	1618.800	39.28	-17.64	74.0	34.72	Peak	42.00	200	Vertical	Pass
1**	1618.800	28.41	-17.64	54.0	25.59	AV	42.00	200	Vertical	Pass
2	4359.600	50.58	-4.20	74.0	23.42	Peak	181.00	400	Vertical	Pass
2**	4359.600	40.91	-4.20	54.0	13.09	AV	181.00	400	Vertical	Pass
3	5577.400	107.67	-1.92	--	--	Peak	48.00	150	Vertical	N/A
3**	5577.400	98.61	-1.92	--	--	AV	48.00	150	Vertical	N/A
4	7403.362	49.65	-3.85	74.0	24.35	Peak	360.00	100	Vertical	Pass
4**	7403.362	40.35	-3.85	54.0	13.65	AV	360.00	100	Vertical	Pass
5	12338.588	53.41	1.30	74.0	20.59	Peak	286.00	150	Vertical	Pass
5**	12338.588	43.89	1.30	54.0	10.11	AV	286.00	150	Vertical	Pass
6	15573.713	55.78	1.41	74.0	18.22	Peak	122.00	200	Vertical	Pass
6**	15573.713	45.83	1.41	54.0	8.17	AV	122.00	200	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	1573.200	39.18	-17.59	74.0	34.82	Peak	7.00	300	Horizontal	Pass
1**	1573.200	29.22	-17.59	54.0	24.78	AV	7.00	300	Horizontal	Pass
2	4371.600	49.55	-4.23	74.0	24.45	Peak	262.00	400	Horizontal	Pass
2**	4371.600	40.76	-4.23	54.0	13.24	AV	262.00	400	Horizontal	Pass
3	5672.000	104.75	-2.13	--	--	Peak	191.00	200	Horizontal	N/A
3**	5672.000	96.31	-2.13	--	--	AV	191.00	200	Horizontal	N/A
4	7334.362	50.28	-3.52	74.0	23.72	Peak	122.00	200	Horizontal	Pass
4**	7334.362	40.72	-3.52	54.0	13.28	AV	122.00	200	Horizontal	Pass
5	12252.625	53.74	0.97	74.0	20.26	Peak	106.00	100	Horizontal	Pass
5**	12252.625	44.05	0.97	54.0	9.95	AV	106.00	100	Horizontal	Pass
6	15805.763	55.98	2.25	74.0	18.02	Peak	0.00	300	Horizontal	Pass
6**	15805.763	46.77	2.25	54.0	7.23	AV	0.00	300	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	1543.900	38.99	-17.31	74.0	35.01	Peak	21.00	400	Vertical	Pass
1**	1543.900	29.62	-17.31	54.0	24.38	AV	21.00	400	Vertical	Pass
2	4381.200	50.01	-4.57	74.0	23.99	Peak	161.00	300	Vertical	Pass
2**	4381.200	40.95	-4.57	54.0	13.05	AV	161.00	300	Vertical	Pass
3	5671.600	107.74	-2.15	--	--	Peak	39.00	200	Vertical	N/A
3**	5671.600	99.66	-2.15	--	--	AV	39.00	200	Vertical	N/A
4	7269.675	50.19	-2.58	74.0	23.81	Peak	330.00	400	Vertical	Pass
4**	7269.675	39.97	-2.58	54.0	14.03	AV	330.00	400	Vertical	Pass
5	12281.662	53.34	1.79	74.0	20.66	Peak	155.00	150	Vertical	Pass
5**	12281.662	44.49	1.79	54.0	9.51	AV	155.00	150	Vertical	Pass
6	15855.112	56.13	1.19	74.0	17.87	Peak	236.00	300	Vertical	Pass
6**	15855.112	46.83	1.19	54.0	7.17	AV	236.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.100	38.65	-17.35	74.0	35.35	Peak	41.00	100	Horizontal	Pass
1**	1523.100	28.90	-17.35	54.0	25.10	AV	41.00	100	Horizontal	Pass
2	4354.800	50.35	-3.86	74.0	23.65	Peak	17.00	400	Horizontal	Pass
2**	4354.800	41.35	-3.86	54.0	12.65	AV	17.00	400	Horizontal	Pass
3	5540.600	100.88	-1.44	--	--	Peak	200.00	150	Horizontal	N/A
3**	5540.600	92.44	-1.44	--	--	AV	200.00	150	Horizontal	N/A
4	7676.775	50.66	-2.41	74.0	23.34	Peak	144.00	200	Horizontal	Pass
4**	7676.775	40.20	-2.41	54.0	13.80	AV	144.00	200	Horizontal	Pass
5	12338.300	53.35	1.31	74.0	20.65	Peak	111.00	150	Horizontal	Pass
5**	12338.300	43.47	1.31	54.0	10.53	AV	111.00	150	Horizontal	Pass
6	15851.437	56.13	1.29	74.0	17.87	Peak	89.00	300	Horizontal	Pass
6**	15851.437	46.72	1.29	54.0	7.28	AV	89.00	300	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	1496.100	41.14	-17.38	74.0	32.86	Peak	10.00	400	Vertical	Pass
1**	1496.100	29.67	-17.38	54.0	24.33	AV	10.00	400	Vertical	Pass
2	4364.800	50.69	-4.33	74.0	23.31	Peak	354.00	400	Vertical	Pass
2**	4364.800	40.76	-4.33	54.0	13.24	AV	354.00	400	Vertical	Pass
3	5536.600	105.42	-1.53	--	--	Peak	58.00	200	Vertical	N/A
3**	5536.600	97.47	-1.53	--	--	AV	58.00	200	Vertical	N/A
4	7462.013	50.60	-3.85	74.0	23.40	Peak	348.00	300	Vertical	Pass
4**	7462.013	39.28	-3.85	54.0	14.72	AV	348.00	300	Vertical	Pass
5	12278.787	53.22	1.76	74.0	20.78	Peak	284.00	150	Vertical	Pass
5**	12278.787	43.92	1.76	54.0	10.08	AV	284.00	150	Vertical	Pass
6	15502.576	55.59	1.22	74.0	18.41	Peak	206.00	150	Vertical	Pass
6**	15502.576	46.51	1.22	54.0	7.49	AV	206.00	150	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	1610.400	38.42	-17.70	74.0	35.58	Peak	35.00	200	Horizontal	Pass
1**	1610.400	29.50	-17.70	54.0	24.50	AV	35.00	200	Horizontal	Pass
2	4099.400	50.09	-5.28	74.0	23.91	Peak	170.00	300	Horizontal	Pass
2**	4099.400	40.42	-5.28	54.0	13.58	AV	170.00	300	Horizontal	Pass
3	5615.800	100.95	-2.25	--	--	Peak	200.00	100	Horizontal	N/A
3**	5615.800	93.25	-2.25	--	--	AV	200.00	100	Horizontal	N/A
4	7684.250	49.79	-2.32	74.0	24.21	Peak	262.00	300	Horizontal	Pass
4**	7684.250	41.47	-2.32	54.0	12.53	AV	262.00	300	Horizontal	Pass
5	11508.575	53.15	-0.18	74.0	20.85	Peak	149.00	200	Horizontal	Pass
5**	11508.575	44.03	-0.18	54.0	9.97	AV	149.00	200	Horizontal	Pass
6	15854.588	55.88	1.20	74.0	18.12	Peak	307.00	400	Horizontal	Pass
6**	15854.588	46.49	1.20	54.0	7.51	AV	307.00	400	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	1494.000	41.14	-17.64	74.0	32.86	Peak	42.00	300	Vertical	Pass
1**	1494.000	29.22	-17.64	54.0	24.78	AV	42.00	300	Vertical	Pass
2	4334.000	50.67	-4.47	74.0	23.33	Peak	181.00	400	Vertical	Pass
2**	4334.000	39.86	-4.47	54.0	14.14	AV	181.00	400	Vertical	Pass
3	5606.600	104.76	-2.42	--	--	Peak	58.00	100	Vertical	N/A
3**	5606.600	97.34	-2.42	--	--	AV	58.00	100	Vertical	N/A
4	7677.638	49.89	-2.46	74.0	24.11	Peak	140.00	400	Vertical	Pass
4**	7677.638	40.13	-2.46	54.0	13.87	AV	140.00	400	Vertical	Pass
5	11185.424	53.65	-0.51	74.0	20.35	Peak	315.00	200	Vertical	Pass
5**	11185.424	43.51	-0.51	54.0	10.49	AV	315.00	200	Vertical	Pass
6	15842.250	55.12	1.41	74.0	18.88	Peak	53.00	400	Vertical	Pass
6**	15842.250	46.65	1.41	54.0	7.35	AV	53.00	400	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	1448.200	38.44	-17.32	74.0	35.56	Peak	39.00	200	Horizontal	Pass
1**	1448.200	29.43	-17.32	54.0	24.57	AV	39.00	200	Horizontal	Pass
2	4373.000	49.75	-4.59	74.0	24.25	Peak	272.00	200	Horizontal	Pass
2**	4373.000	40.24	-4.59	54.0	13.76	AV	272.00	200	Horizontal	Pass
3	5743.800	108.25	-2.16	--	--	Peak	201.00	200	Horizontal	N/A
3**	5743.800	100.95	-2.16	--	--	AV	201.00	200	Horizontal	N/A
4	7350.750	50.62	-3.40	74.0	23.38	Peak	360.00	400	Horizontal	Pass
4**	7350.750	41.14	-3.40	54.0	12.86	AV	360.00	400	Horizontal	Pass
5	12326.513	53.29	1.42	74.0	20.71	Peak	316.00	150	Horizontal	Pass
5**	12326.513	43.99	1.42	54.0	10.01	AV	316.00	150	Horizontal	Pass
6	15648.000	55.63	1.20	74.0	18.37	Peak	270.00	200	Horizontal	Pass
6**	15648.000	46.16	1.20	54.0	7.84	AV	270.00	200	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	1495.300	40.67	-17.49	74.0	33.33	Peak	23.00	100	Vertical	Pass
1**	1495.300	31.33	-17.49	54.0	22.67	AV	23.00	100	Vertical	Pass
2	4370.600	49.41	-4.30	74.0	24.59	Peak	131.00	200	Vertical	Pass
2**	4370.600	42.31	-4.30	54.0	11.69	AV	131.00	200	Vertical	Pass
3	5748.400	112.10	-2.00	--	--	Peak	222.00	100	Vertical	N/A
3**	5748.400	103.72	-2.00	--	--	AV	222.00	100	Vertical	N/A
4	7337.812	49.81	-3.33	74.0	24.19	Peak	144.00	400	Vertical	Pass
4**	7337.812	41.17	-3.33	54.0	12.83	AV	144.00	400	Vertical	Pass
5	12493.838	53.42	1.66	74.0	20.58	Peak	207.00	100	Vertical	Pass
5**	12493.838	43.39	1.66	54.0	10.61	AV	207.00	100	Vertical	Pass
6	16108.951	56.21	0.81	74.0	17.79	Peak	181.00	400	Vertical	Pass
6**	16108.951	47.09	0.81	54.0	6.91	AV	181.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1551.900	38.55	-17.42	74.0	35.45	Peak	76.00	400	Horizontal	Pass
1**	1551.900	29.58	-17.42	54.0	24.42	AV	76.00	400	Horizontal	Pass
2	4309.600	50.65	-4.80	74.0	23.35	Peak	37.00	100	Horizontal	Pass
2**	4309.600	39.34	-4.80	54.0	14.66	AV	37.00	100	Horizontal	Pass
3	5786.200	108.19	-2.27	--	--	Peak	56.00	150	Horizontal	N/A
3**	5786.200	101.30	-2.27	--	--	AV	56.00	150	Horizontal	N/A
4	7336.950	49.80	-3.29	74.0	24.20	Peak	332.00	300	Horizontal	Pass
4**	7336.950	41.23	-3.29	54.0	12.77	AV	332.00	300	Horizontal	Pass
5	12277.925	52.78	1.73	74.0	21.22	Peak	159.00	200	Horizontal	Pass
5**	12277.925	44.65	1.73	54.0	9.35	AV	159.00	200	Horizontal	Pass
6	15800.250	56.24	2.33	74.0	17.76	Peak	347.00	300	Horizontal	Pass
6**	15800.250	46.33	2.33	54.0	7.67	AV	347.00	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	1496.200	40.16	-17.37	74.0	33.84	Peak	33.00	400	Vertical	Pass
1**	1496.200	28.82	-17.37	54.0	25.18	AV	33.00	400	Vertical	Pass
2	4344.200	50.26	-4.19	74.0	23.74	Peak	48.00	100	Vertical	Pass
2**	4344.200	40.16	-4.19	54.0	13.84	AV	48.00	100	Vertical	Pass
3	5786.200	112.23	-2.27	--	--	Peak	356.00	150	Vertical	N/A
3**	5786.200	105.13	-2.27	--	--	AV	356.00	150	Vertical	N/A
4	7393.875	49.98	-3.79	74.0	24.02	Peak	316.00	100	Vertical	Pass
4**	7393.875	40.23	-3.79	54.0	13.77	AV	316.00	100	Vertical	Pass
5	12415.062	53.20	1.41	74.0	20.80	Peak	158.00	200	Vertical	Pass
5**	12415.062	43.97	1.41	54.0	10.03	AV	158.00	200	Vertical	Pass
6	15737.775	55.70	0.84	74.0	18.30	Peak	134.00	100	Vertical	Pass
6**	15737.775	45.01	0.84	54.0	8.99	AV	134.00	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	1494.700	38.55	-17.57	74.0	35.45	Peak	29.00	200	Horizontal	Pass
1**	1494.700	29.41	-17.57	54.0	24.59	AV	29.00	200	Horizontal	Pass
2	4368.000	49.50	-4.40	74.0	24.50	Peak	268.00	300	Horizontal	Pass
2**	4368.000	40.97	-4.40	54.0	13.03	AV	268.00	300	Horizontal	Pass
3	5820.400	109.21	-2.31	--	--	Peak	50.00	100	Horizontal	N/A
3**	5820.400	100.66	-2.31	--	--	AV	50.00	100	Horizontal	N/A
4	7336.663	50.44	-3.28	74.0	23.56	Peak	162.00	300	Horizontal	Pass
4**	7336.663	40.72	-3.28	54.0	13.28	AV	162.00	300	Horizontal	Pass
5	12295.175	53.21	1.57	74.0	20.79	Peak	31.00	150	Horizontal	Pass
5**	12295.175	43.79	1.57	54.0	10.21	AV	31.00	150	Horizontal	Pass
6	16080.338	56.41	1.63	74.0	17.59	Peak	18.00	300	Horizontal	Pass
6**	16080.338	45.58	1.63	54.0	8.42	AV	18.00	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	1494.200	40.90	-17.63	74.0	33.10	Peak	39.00	300	Vertical	Pass
1**	1494.200	29.87	-17.63	54.0	24.13	AV	39.00	300	Vertical	Pass
2	4381.600	49.64	-4.60	74.0	24.36	Peak	215.00	400	Vertical	Pass
2**	4381.600	40.76	-4.60	54.0	13.24	AV	215.00	400	Vertical	Pass
3	5825.800	112.36	-2.25	--	--	Peak	58.00	200	Vertical	N/A
3**	5825.800	105.76	-2.25	--	--	AV	58.00	200	Vertical	N/A
4	7330.625	49.53	-3.79	74.0	24.47	Peak	299.00	200	Vertical	Pass
4**	7330.625	40.50	-3.79	54.0	13.50	AV	299.00	200	Vertical	Pass
5	12278.213	53.54	1.74	74.0	20.46	Peak	268.00	200	Vertical	Pass
5**	12278.213	43.71	1.74	54.0	10.29	AV	268.00	200	Vertical	Pass
6	15853.275	56.00	1.24	74.0	18.00	Peak	349.00	400	Vertical	Pass
6**	15853.275	46.30	1.24	54.0	7.70	AV	349.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1555.700	39.04	-17.38	74.0	34.96	Peak	299.00	300	Horizontal	Pass
1**	1555.700	28.67	-17.38	54.0	25.33	AV	299.00	300	Horizontal	Pass
2	4371.000	49.74	-4.21	74.0	24.26	Peak	98.00	300	Horizontal	Pass
2**	4371.000	41.42	-4.21	54.0	12.58	AV	98.00	300	Horizontal	Pass
3	5746.000	106.72	-2.24	--	--	Peak	48.00	150	Horizontal	N/A
3**	5746.000	99.22	-2.24	--	--	AV	48.00	150	Horizontal	N/A
4	7681.662	50.47	-2.39	74.0	23.53	Peak	191.00	400	Horizontal	Pass
4**	7681.662	40.40	-2.39	54.0	13.60	AV	191.00	400	Horizontal	Pass
5	12411.900	53.55	1.43	74.0	20.45	Peak	2.00	200	Horizontal	Pass
5**	12411.900	43.88	1.43	54.0	10.12	AV	2.00	200	Horizontal	Pass
6	16123.912	55.41	0.76	74.0	18.59	Peak	106.00	400	Horizontal	Pass
6**	16123.912	45.95	0.76	54.0	8.05	AV	106.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.900	40.84	-17.41	74.0	33.16	Peak	29.00	300	Vertical	Pass
1**	1495.900	29.34	-17.41	54.0	24.66	AV	29.00	300	Vertical	Pass
2	4354.000	49.32	-3.79	74.0	24.68	Peak	37.00	300	Vertical	Pass
2**	4354.000	40.41	-3.79	54.0	13.59	AV	37.00	300	Vertical	Pass
3	5743.800	111.63	-2.16	--	--	Peak	57.00	100	Vertical	N/A
3**	5743.800	102.56	-2.16	--	--	AV	57.00	100	Vertical	N/A
4	7684.537	49.70	-2.31	74.0	24.30	Peak	0.00	100	Vertical	Pass
4**	7684.537	40.47	-2.31	54.0	13.53	AV	0.00	100	Vertical	Pass
5	12448.700	53.15	1.87	74.0	20.85	Peak	0.00	100	Vertical	Pass
5**	12448.700	44.44	1.87	54.0	9.56	AV	0.00	100	Vertical	Pass
6	16090.838	56.20	1.42	74.0	17.80	Peak	0.00	100	Vertical	Pass
6**	16090.838	45.98	1.42	54.0	8.02	AV	0.00	100	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	1620.400	38.99	-17.63	74.0	35.01	Peak	290.00	100	Horizontal	Pass
1**	1620.400	28.96	-17.63	54.0	25.04	AV	290.00	100	Horizontal	Pass
2	4359.200	49.41	-4.21	74.0	24.59	Peak	182.00	300	Horizontal	Pass
2**	4359.200	41.64	-4.21	54.0	12.36	AV	182.00	300	Horizontal	Pass
3	5786.200	107.66	-2.27	--	--	Peak	49.00	100	Horizontal	N/A
3**	5786.200	100.18	-2.27	--	--	AV	49.00	100	Horizontal	N/A
4	7292.675	49.36	-3.15	74.0	24.64	Peak	299.00	300	Horizontal	Pass
4**	7292.675	40.25	-3.15	54.0	13.75	AV	299.00	300	Horizontal	Pass
5	12327.663	53.36	1.42	74.0	20.64	Peak	0.00	200	Horizontal	Pass
5**	12327.663	43.95	1.42	54.0	10.05	AV	0.00	200	Horizontal	Pass
6	15840.675	55.86	1.44	74.0	18.14	Peak	235.00	100	Horizontal	Pass
6**	15840.675	46.52	1.44	54.0	7.48	AV	235.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.600	38.86	-17.76	74.0	35.14	Peak	278.00	400	Vertical	Pass
1**	1596.600	29.62	-17.76	54.0	24.38	AV	278.00	400	Vertical	Pass
2	4140.200	49.47	-4.96	74.0	24.53	Peak	0.00	200	Vertical	Pass
2**	4140.200	39.34	-4.96	54.0	14.66	AV	0.00	200	Vertical	Pass
3	5786.200	110.71	-2.27	--	--	Peak	355.00	100	Vertical	N/A
3**	5786.200	103.14	-2.27	--	--	AV	355.00	100	Vertical	N/A
4	7391.288	49.56	-3.81	74.0	24.44	Peak	45.00	200	Vertical	Pass
4**	7391.288	40.67	-3.81	54.0	13.33	AV	45.00	200	Vertical	Pass
5	12583.537	53.01	1.62	74.0	20.99	Peak	109.00	200	Vertical	Pass
5**	12583.537	43.38	1.62	54.0	10.62	AV	109.00	200	Vertical	Pass
6	15854.063	55.78	1.22	74.0	18.22	Peak	271.00	300	Vertical	Pass
6**	15854.063	47.19	1.22	54.0	6.81	AV	271.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.400	38.58	-17.57	74.0	35.42	Peak	55.00	400	Horizontal	Pass
1**	1569.400	29.30	-17.57	54.0	24.70	AV	55.00	400	Horizontal	Pass
2	4382.800	50.59	-4.63	74.0	23.41	Peak	211.00	200	Horizontal	Pass
2**	4382.800	40.60	-4.63	54.0	13.40	AV	211.00	200	Horizontal	Pass
3	5829.600	106.53	-2.08	--	--	Peak	57.00	150	Horizontal	N/A
3**	5829.600	98.11	-2.08	--	--	AV	57.00	150	Horizontal	N/A
4	7342.413	50.96	-3.39	74.0	23.04	Peak	126.00	100	Horizontal	Pass
4**	7342.413	41.18	-3.39	54.0	12.82	AV	126.00	100	Horizontal	Pass
5	12309.838	53.14	1.37	74.0	20.86	Peak	95.00	200	Horizontal	Pass
5**	12309.838	43.82	1.37	54.0	10.18	AV	95.00	200	Horizontal	Pass
6	15513.075	56.23	1.41	74.0	17.77	Peak	198.00	300	Horizontal	Pass
6**	15513.075	46.80	1.41	54.0	7.20	AV	198.00	300	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	1496.600	40.64	-17.39	74.0	33.36	Peak	33.00	400	Vertical	Pass
1**	1496.600	31.76	-17.39	54.0	22.24	AV	33.00	400	Vertical	Pass
2	4359.800	50.13	-4.19	74.0	23.87	Peak	220.00	300	Vertical	Pass
2**	4359.800	39.89	-4.19	54.0	14.11	AV	220.00	300	Vertical	Pass
3	5826.000	110.94	-2.27	--	--	Peak	17.00	200	Vertical	N/A
3**	5826.000	103.53	-2.27	--	--	AV	17.00	200	Vertical	N/A
4	7667.863	49.90	-2.38	74.0	24.10	Peak	38.00	200	Vertical	Pass
4**	7667.863	39.69	-2.38	54.0	14.31	AV	38.00	200	Vertical	Pass
5	12246.875	53.28	0.99	74.0	20.72	Peak	347.00	150	Vertical	Pass
5**	12246.875	44.30	0.99	54.0	9.70	AV	347.00	150	Vertical	Pass
6	15633.037	56.06	1.61	74.0	17.94	Peak	324.00	400	Vertical	Pass
6**	15633.037	46.83	1.61	54.0	7.17	AV	324.00	400	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	1498.300	38.52	-17.56	74.0	35.48	Peak	64.00	400	Horizontal	Pass
1**	1498.300	29.78	-17.56	54.0	24.22	AV	64.00	400	Horizontal	Pass
2	4352.400	50.09	-3.62	74.0	23.91	Peak	309.00	100	Horizontal	Pass
2**	4352.400	40.97	-3.62	54.0	13.03	AV	309.00	100	Horizontal	Pass
3	5749.200	104.14	-2.03	--	--	Peak	44.00	150	Horizontal	N/A
3**	5749.200	95.39	-2.03	--	--	AV	44.00	150	Horizontal	N/A
4	7687.700	49.42	-2.19	74.0	24.58	Peak	129.00	200	Horizontal	Pass
4**	7687.700	40.52	-2.19	54.0	13.48	AV	129.00	200	Horizontal	Pass
5	12435.763	53.09	1.71	74.0	20.91	Peak	196.00	150	Horizontal	Pass
5**	12435.763	43.71	1.71	54.0	10.29	AV	196.00	150	Horizontal	Pass
6	15861.675	56.44	0.89	74.0	17.56	Peak	89.00	300	Horizontal	Pass
6**	15861.675	46.18	0.89	54.0	7.82	AV	89.00	300	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	1493.800	40.21	-17.62	74.0	33.79	Peak	42.00	400	Vertical	Pass
1**	1493.800	30.46	-17.62	54.0	23.54	AV	42.00	400	Vertical	Pass
2	4270.600	49.76	-4.52	74.0	24.24	Peak	186.00	400	Vertical	Pass
2**	4270.600	40.42	-4.52	54.0	13.58	AV	186.00	400	Vertical	Pass
3	5756.400	107.46	-2.03	--	--	Peak	46.00	150	Vertical	N/A
3**	5756.400	99.74	-2.03	--	--	AV	46.00	150	Vertical	N/A
4	7340.400	49.82	-3.40	74.0	24.18	Peak	346.00	400	Vertical	Pass
4**	7340.400	40.99	-3.40	54.0	13.01	AV	346.00	400	Vertical	Pass
5	12287.988	53.28	1.71	74.0	20.72	Peak	313.00	200	Vertical	Pass
5**	12287.988	45.37	1.71	54.0	8.63	AV	313.00	200	Vertical	Pass
6	15812.850	55.63	2.11	74.0	18.37	Peak	221.00	400	Vertical	Pass
6**	15812.850	46.92	2.11	54.0	7.08	AV	221.00	400	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	1503.700	38.47	-17.41	74.0	35.53	Peak	121.00	200	Horizontal	Pass
1**	1503.700	28.90	-17.41	54.0	25.10	AV	121.00	200	Horizontal	Pass
2	4352.400	49.61	-3.62	74.0	24.39	Peak	130.00	400	Horizontal	Pass
2**	4352.400	41.03	-3.62	54.0	12.97	AV	130.00	400	Horizontal	Pass
3	5780.400	103.36	-1.75	--	--	Peak	39.00	200	Horizontal	N/A
3**	5780.400	94.56	-1.75	--	--	AV	39.00	200	Horizontal	N/A
4	7348.450	50.18	-3.15	74.0	23.82	Peak	360.00	200	Horizontal	Pass
4**	7348.450	41.89	-3.15	54.0	12.11	AV	360.00	200	Horizontal	Pass
5	12246.300	53.63	1.00	74.0	20.37	Peak	328.00	200	Horizontal	Pass
5**	12246.300	43.71	1.00	54.0	10.29	AV	328.00	200	Horizontal	Pass
6	16169.850	55.77	1.15	74.0	18.23	Peak	272.00	200	Horizontal	Pass
6**	16169.850	45.85	1.15	54.0	8.15	AV	272.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.500	43.59	-17.61	74.0	30.41	Peak	38.00	100	Vertical	Pass
1**	1493.500	28.64	-17.61	54.0	25.36	AV	38.00	100	Vertical	Pass
2	4351.000	49.66	-3.66	74.0	24.34	Peak	309.00	300	Vertical	Pass
2**	4351.000	40.88	-3.66	54.0	13.12	AV	309.00	300	Vertical	Pass
3	5799.200	106.55	-2.58	--	--	Peak	52.00	100	Vertical	N/A
3**	5799.200	99.46	-2.58	--	--	AV	52.00	100	Vertical	N/A
4	7342.700	50.29	-3.37	74.0	23.71	Peak	360.00	100	Vertical	Pass
4**	7342.700	40.88	-3.37	54.0	13.12	AV	360.00	100	Vertical	Pass
5	12276.487	53.22	1.67	74.0	20.78	Peak	45.00	200	Vertical	Pass
5**	12276.487	44.12	1.67	54.0	9.88	AV	45.00	200	Vertical	Pass
6	15802.087	56.13	2.31	74.0	17.87	Peak	74.00	100	Vertical	Pass
6**	15802.087	46.42	2.31	54.0	7.58	AV	74.00	100	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	1581.000	38.85	-17.31	74.0	35.15	Peak	9.00	100	Horizontal	Pass
1**	1581.000	29.26	-17.31	54.0	24.74	AV	9.00	100	Horizontal	Pass
2	4376.800	49.53	-4.67	74.0	24.47	Peak	342.00	100	Horizontal	Pass
2**	4376.800	40.84	-4.67	54.0	13.16	AV	342.00	100	Horizontal	Pass
3	5742.400	107.94	-1.98	--	--	Peak	36.00	150	Horizontal	N/A
3**	5742.400	99.48	-1.98	--	--	AV	36.00	150	Horizontal	N/A
4	7290.662	49.43	-3.12	74.0	24.57	Peak	246.00	400	Horizontal	Pass
4**	7290.662	41.14	-3.12	54.0	12.86	AV	246.00	400	Horizontal	Pass
5	12319.612	52.99	1.42	74.0	21.01	Peak	12.00	200	Horizontal	Pass
5**	12319.612	44.78	1.42	54.0	9.22	AV	12.00	200	Horizontal	Pass
6	16027.575	56.69	0.69	74.0	17.31	Peak	325.00	100	Horizontal	Pass
6**	16027.575	46.11	0.69	54.0	7.89	AV	325.00	100	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	1499.000	40.60	-17.54	74.0	33.40	Peak	38.00	300	Vertical	Pass
1**	1499.000	31.15	-17.54	54.0	22.85	AV	38.00	300	Vertical	Pass
2	4363.800	49.29	-4.47	74.0	24.71	Peak	57.00	200	Vertical	Pass
2**	4363.800	40.44	-4.47	54.0	13.56	AV	57.00	200	Vertical	Pass
3	5750.000	110.29	-2.07	--	--	Peak	46.00	200	Vertical	N/A
3**	5750.000	101.93	-2.07	--	--	AV	46.00	200	Vertical	N/A
4	7337.525	50.48	-3.32	74.0	23.52	Peak	61.00	400	Vertical	Pass
4**	7337.525	42.25	-3.32	54.0	11.75	AV	61.00	400	Vertical	Pass
5	12613.151	53.54	1.88	74.0	20.46	Peak	45.00	200	Vertical	Pass
5**	12613.151	43.97	1.88	54.0	10.03	AV	45.00	200	Vertical	Pass
6	15807.863	55.77	2.21	74.0	18.23	Peak	175.00	400	Vertical	Pass
6**	15807.863	46.27	2.21	54.0	7.73	AV	175.00	400	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	1463.400	38.94	-17.48	74.0	35.06	Peak	163.00	100	Horizontal	Pass
1**	1463.400	29.53	-17.48	54.0	24.47	AV	163.00	100	Horizontal	Pass
2	4370.200	50.06	-4.39	74.0	23.94	Peak	268.00	200	Horizontal	Pass
2**	4370.200	40.37	-4.39	54.0	13.63	AV	268.00	200	Horizontal	Pass
3	5784.200	106.90	-2.10	--	--	Peak	46.00	100	Horizontal	N/A
3**	5784.200	98.46	-2.10	--	--	AV	46.00	100	Horizontal	N/A
4	7344.138	49.64	-3.28	74.0	24.36	Peak	13.00	200	Horizontal	Pass
4**	7344.138	40.78	-3.28	54.0	13.22	AV	13.00	200	Horizontal	Pass
5	12622.638	53.33	1.69	74.0	20.67	Peak	357.00	150	Horizontal	Pass
5**	12622.638	43.98	1.69	54.0	10.02	AV	357.00	150	Horizontal	Pass
6	15469.763	55.65	1.28	74.0	18.35	Peak	103.00	100	Horizontal	Pass
6**	15469.763	46.54	1.28	54.0	7.46	AV	103.00	100	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	1498.700	39.85	-17.55	74.0	34.15	Peak	34.00	200	Vertical	Pass
1**	1498.700	28.90	-17.55	54.0	25.10	AV	34.00	200	Vertical	Pass
2	4200.800	49.29	-4.88	74.0	24.71	Peak	176.00	200	Vertical	Pass
2**	4200.800	40.40	-4.88	54.0	13.60	AV	176.00	200	Vertical	Pass
3	5783.800	110.52	-2.05	--	--	Peak	51.00	150	Vertical	N/A
3**	5783.800	103.00	-2.05	--	--	AV	51.00	150	Vertical	N/A
4	7347.300	50.64	-3.25	74.0	23.36	Peak	29.00	300	Vertical	Pass
4**	7347.300	40.85	-3.25	54.0	13.15	AV	29.00	300	Vertical	Pass
5	12442.087	53.33	1.79	74.0	20.67	Peak	172.00	100	Vertical	Pass
5**	12442.087	43.76	1.79	54.0	10.24	AV	172.00	100	Vertical	Pass
6	16053.300	55.80	0.77	74.0	18.20	Peak	43.00	200	Vertical	Pass
6**	16053.300	45.96	0.77	54.0	8.04	AV	43.00	200	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	1544.000	38.71	-17.30	74.0	35.29	Peak	353.00	300	Horizontal	Pass
1**	1544.000	29.25	-17.30	54.0	24.75	AV	353.00	300	Horizontal	Pass
2	4381.200	50.75	-4.57	74.0	23.25	Peak	352.00	200	Horizontal	Pass
2**	4381.200	40.73	-4.57	54.0	13.27	AV	352.00	200	Horizontal	Pass
3	5818.400	107.54	-2.38	--	--	Peak	45.00	200	Horizontal	N/A
3**	5818.400	99.83	-2.38	--	--	AV	45.00	200	Horizontal	N/A
4	7339.537	49.83	-3.38	74.0	24.17	Peak	172.00	400	Horizontal	Pass
4**	7339.537	40.97	-3.38	54.0	13.03	AV	172.00	400	Horizontal	Pass
5	12247.737	52.97	0.98	74.0	21.03	Peak	320.00	200	Horizontal	Pass
5**	12247.737	43.52	0.98	54.0	10.48	AV	320.00	200	Horizontal	Pass
6	16180.875	55.86	1.51	74.0	18.14	Peak	135.00	400	Horizontal	Pass
6**	16180.875	46.74	1.51	54.0	7.26	AV	135.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.900	40.13	-17.63	74.0	33.87	Peak	37.00	100	Vertical	Pass
1**	1493.900	30.90	-17.63	54.0	23.10	AV	37.00	100	Vertical	Pass
2	4283.400	49.43	-4.97	74.0	24.57	Peak	333.00	300	Vertical	Pass
2**	4283.400	39.99	-4.97	54.0	14.01	AV	333.00	300	Vertical	Pass
3	5828.200	111.47	-2.17	--	--	Peak	5.00	100	Vertical	N/A
3**	5828.200	103.36	-2.17	--	--	AV	5.00	100	Vertical	N/A
4	7349.025	50.10	-3.21	74.0	23.90	Peak	0.00	400	Vertical	Pass
4**	7349.025	40.53	-3.21	54.0	13.47	AV	0.00	400	Vertical	Pass
5	12262.400	54.02	1.18	74.0	19.98	Peak	219.00	100	Vertical	Pass
5**	12262.400	44.73	1.18	54.0	9.27	AV	219.00	100	Vertical	Pass
6	15800.513	55.88	2.33	74.0	18.12	Peak	346.00	200	Vertical	Pass
6**	15800.513	46.60	2.33	54.0	7.40	AV	346.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1580.900	38.64	-17.32	74.0	35.36	Peak	139.00	200	Horizontal	Pass
1**	1580.900	29.55	-17.32	54.0	24.45	AV	139.00	200	Horizontal	Pass
2	4356.600	49.91	-3.99	74.0	24.09	Peak	15.00	400	Horizontal	Pass
2**	4356.600	41.41	-3.99	54.0	12.59	AV	15.00	400	Horizontal	Pass
3	5758.000	105.57	-1.98	--	--	Peak	45.00	100	Horizontal	N/A
3**	5758.000	96.14	-1.98	--	--	AV	45.00	100	Horizontal	N/A
4	7517.500	50.18	-3.17	74.0	23.82	Peak	296.00	300	Horizontal	Pass
4**	7517.500	39.76	-3.17	54.0	14.24	AV	296.00	300	Horizontal	Pass
5	12327.663	52.73	1.42	74.0	21.27	Peak	91.00	150	Horizontal	Pass
5**	12327.663	44.20	1.42	54.0	9.80	AV	91.00	150	Horizontal	Pass
6	15818.625	55.56	1.93	74.0	18.44	Peak	253.00	100	Horizontal	Pass
6**	15818.625	46.67	1.93	54.0	7.33	AV	253.00	100	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	1499.300	39.11	-17.52	74.0	34.89	Peak	42.00	400	Vertical	Pass
1**	1499.300	31.31	-17.52	54.0	22.69	AV	42.00	400	Vertical	Pass
2	4253.000	49.61	-5.19	74.0	24.39	Peak	213.00	300	Vertical	Pass
2**	4253.000	39.93	-5.19	54.0	14.07	AV	213.00	300	Vertical	Pass
3	5752.000	108.79	-2.09	--	--	Peak	43.00	200	Vertical	N/A
3**	5752.000	100.75	-2.09	--	--	AV	43.00	200	Vertical	N/A
4	7373.750	49.41	-3.94	74.0	24.59	Peak	347.00	100	Vertical	Pass
4**	7373.750	40.48	-3.94	54.0	13.52	AV	347.00	100	Vertical	Pass
5	12603.662	54.31	1.91	74.0	19.69	Peak	315.00	200	Vertical	Pass
5**	12603.662	44.10	1.91	54.0	9.90	AV	315.00	200	Vertical	Pass
6	16054.088	55.23	0.78	74.0	18.77	Peak	343.00	300	Vertical	Pass
6**	16054.088	45.60	0.78	54.0	8.40	AV	343.00	300	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	1477.900	38.44	-17.56	74.0	35.56	Peak	32.00	300	Horizontal	Pass
1**	1477.900	28.65	-17.56	54.0	25.35	AV	32.00	300	Horizontal	Pass
2	4351.800	49.94	-3.61	74.0	24.06	Peak	175.00	300	Horizontal	Pass
2**	4351.800	40.50	-3.61	54.0	13.50	AV	175.00	300	Horizontal	Pass
3	5796.400	104.94	-2.70	--	--	Peak	40.00	150	Horizontal	N/A
3**	5796.400	96.97	-2.70	--	--	AV	40.00	150	Horizontal	N/A
4	7342.413	49.85	-3.39	74.0	24.15	Peak	209.00	300	Horizontal	Pass
4**	7342.413	40.73	-3.39	54.0	13.27	AV	209.00	300	Horizontal	Pass
5	12269.875	53.53	1.45	74.0	20.47	Peak	360.00	200	Horizontal	Pass
5**	12269.875	43.72	1.45	54.0	10.28	AV	360.00	200	Horizontal	Pass
6	16083.750	56.29	1.56	74.0	17.71	Peak	57.00	300	Horizontal	Pass
6**	16083.750	46.47	1.56	54.0	7.53	AV	57.00	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	1605.600	39.38	-17.81	74.0	34.62	Peak	86.00	300	Vertical	Pass
1**	1605.600	29.10	-17.81	54.0	24.90	AV	86.00	300	Vertical	Pass
2	4270.400	49.79	-4.55	74.0	24.21	Peak	311.00	400	Vertical	Pass
2**	4270.400	40.07	-4.55	54.0	13.93	AV	311.00	400	Vertical	Pass
3	5806.000	108.64	-2.46	--	--	Peak	0.00	200	Vertical	N/A
3**	5806.000	100.53	-2.46	--	--	AV	0.00	200	Vertical	N/A
4	7394.737	49.71	-3.74	74.0	24.29	Peak	235.00	400	Vertical	Pass
4**	7394.737	40.99	-3.74	54.0	13.01	AV	235.00	400	Vertical	Pass
5	11942.125	53.14	1.62	74.0	20.86	Peak	47.00	200	Vertical	Pass
5**	11942.125	43.88	1.62	54.0	10.12	AV	47.00	200	Vertical	Pass
6	15825.450	56.18	1.63	74.0	17.82	Peak	65.00	400	Vertical	Pass
6**	15825.450	46.75	1.63	54.0	7.25	AV	65.00	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	1454.200	39.35	-17.58	74.0	34.65	Peak	49.00	300	Horizontal	Pass
1**	1454.200	28.60	-17.58	54.0	25.40	AV	49.00	300	Horizontal	Pass
2	4360.800	49.78	-4.19	74.0	24.22	Peak	243.00	100	Horizontal	Pass
2**	4360.800	40.92	-4.19	54.0	13.08	AV	243.00	100	Horizontal	Pass
3	5782.800	101.74	-1.92	--	--	Peak	36.00	200	Horizontal	N/A
3**	5782.800	94.33	-1.92	--	--	AV	36.00	200	Horizontal	N/A
4	7464.888	49.56	-3.66	74.0	24.44	Peak	87.00	100	Horizontal	Pass
4**	7464.888	39.59	-3.66	54.0	14.41	AV	87.00	100	Horizontal	Pass
5	12260.675	54.18	1.10	74.0	19.82	Peak	318.00	100	Horizontal	Pass
5**	12260.675	43.29	1.10	54.0	10.71	AV	318.00	100	Horizontal	Pass
6	15497.850	55.60	1.11	74.0	18.40	Peak	97.00	300	Horizontal	Pass
6**	15497.850	46.90	1.11	54.0	7.10	AV	97.00	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	1584.600	39.67	-17.51	74.0	34.33	Peak	70.00	200	Vertical	Pass
1**	1584.600	29.19	-17.51	54.0	24.81	AV	70.00	200	Vertical	Pass
2	4361.600	49.58	-4.36	74.0	24.42	Peak	13.00	200	Vertical	Pass
2**	4361.600	40.17	-4.36	54.0	13.83	AV	13.00	200	Vertical	Pass
3	5807.400	104.06	-2.28	--	--	Peak	2.00	100	Vertical	N/A
3**	5807.400	95.74	-2.28	--	--	AV	2.00	100	Vertical	N/A
4	7334.362	50.51	-3.52	74.0	23.49	Peak	353.00	200	Vertical	Pass
4**	7334.362	41.32	-3.52	54.0	12.68	AV	353.00	200	Vertical	Pass
5	11505.412	53.68	-0.09	74.0	20.32	Peak	156.00	200	Vertical	Pass
5**	11505.412	43.50	-0.09	54.0	10.50	AV	156.00	200	Vertical	Pass
6	16174.838	55.65	1.32	74.0	18.35	Peak	196.00	100	Vertical	Pass
6**	16174.838	45.77	1.32	54.0	8.23	AV	196.00	100	Vertical	Pass

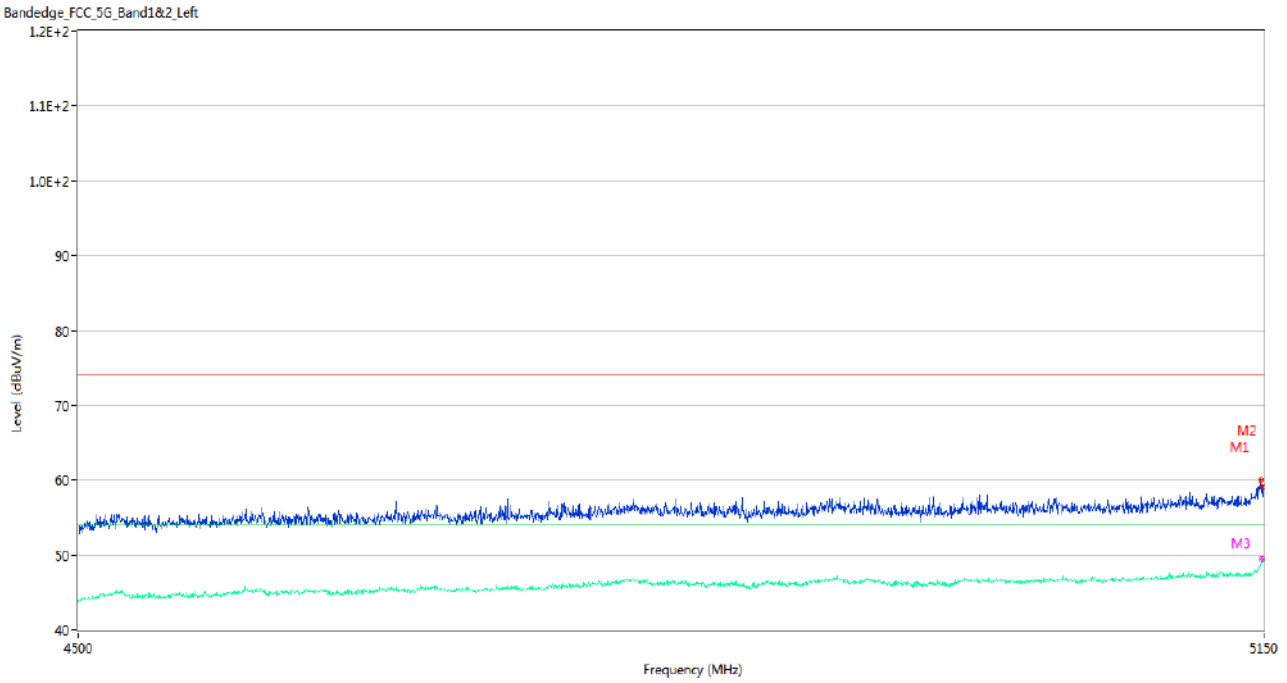
A.6.2 Band Edge (Restricted-band)

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

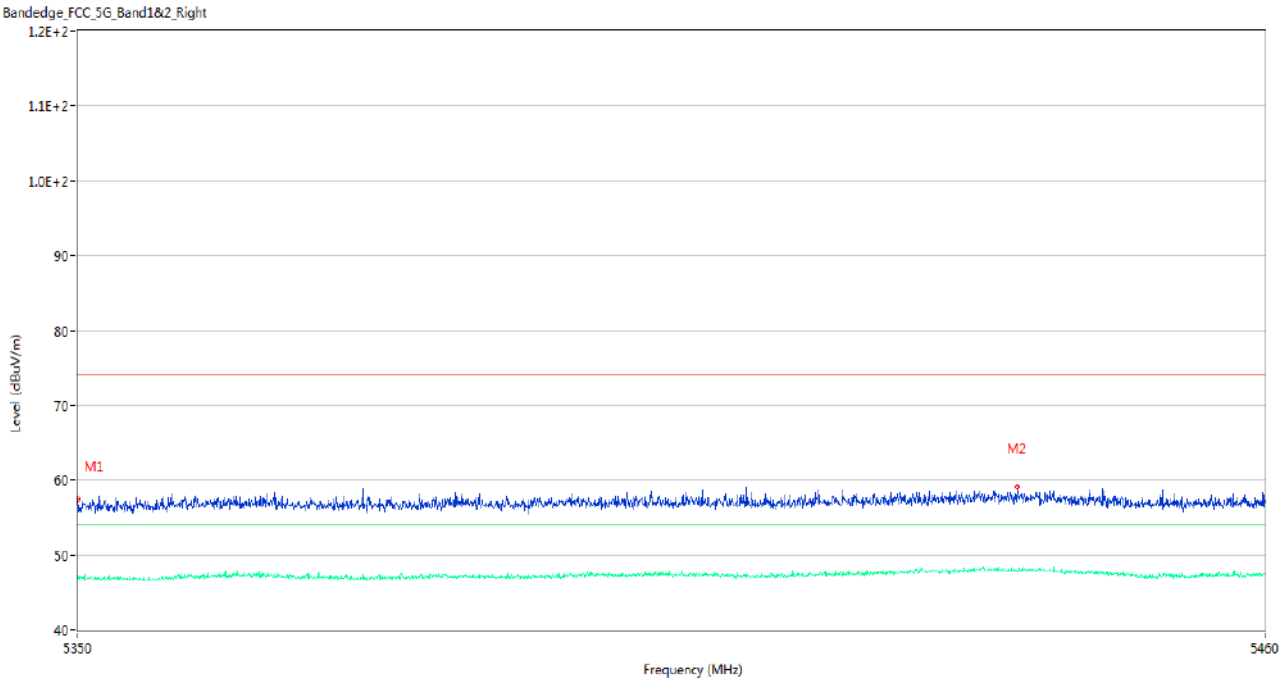
Test Data and Plots

U-NII-1 11a Low Channel



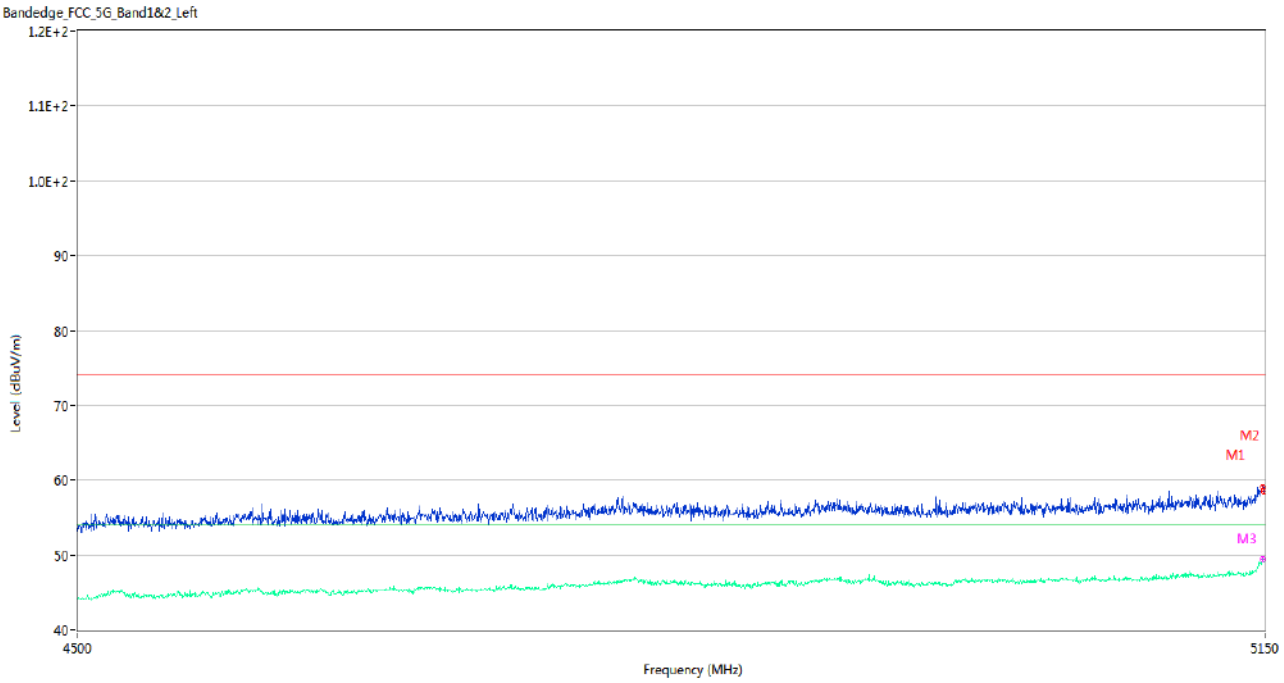
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.050	60.03	3.52	74.0	13.97	Peak	213.00	150	Vertical	Pass
1**	5148.050	48.60	3.52	54.0	5.40	AV	213.00	150	Vertical	Pass
2	5149.675	59.21	3.43	74.0	14.79	Peak	129.00	200	Vertical	Pass
2**	5149.675	49.23	3.43	54.0	4.77	AV	129.00	200	Vertical	Pass
3	5149.025	59.35	3.47	74.0	14.65	Peak	239.00	150	Vertical	Pass
3**	5149.025	49.49	3.47	54.0	4.51	AV	239.00	150	Vertical	Pass

U-NII-1 11a High Channel



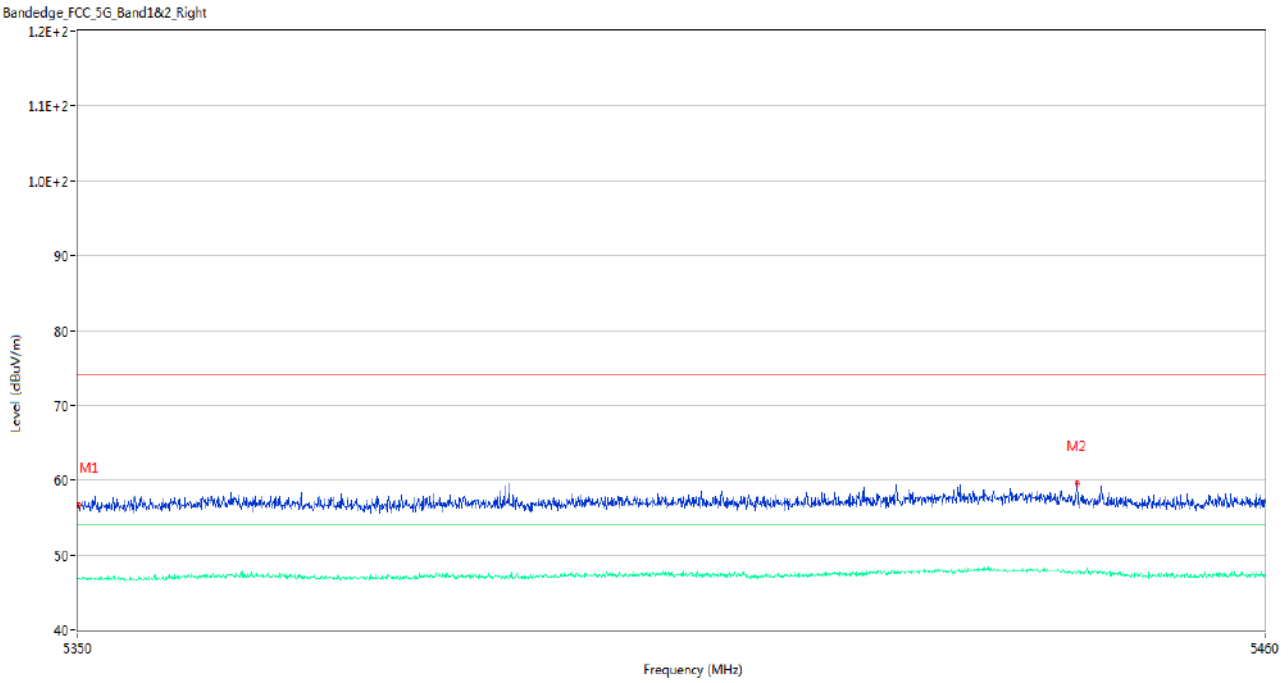
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.45	3.26	74.0	16.55	Peak	119.00	100	Vertical	Pass
1**	5350.000	46.96	3.26	54.0	7.04	AV	119.00	100	Vertical	Pass
2	5436.900	59.19	4.40	74.0	14.81	Peak	360.00	150	Vertical	Pass
2**	5436.900	48.00	4.40	54.0	6.00	AV	360.00	150	Vertical	Pass

U-NII-1 11n20 Low Channel



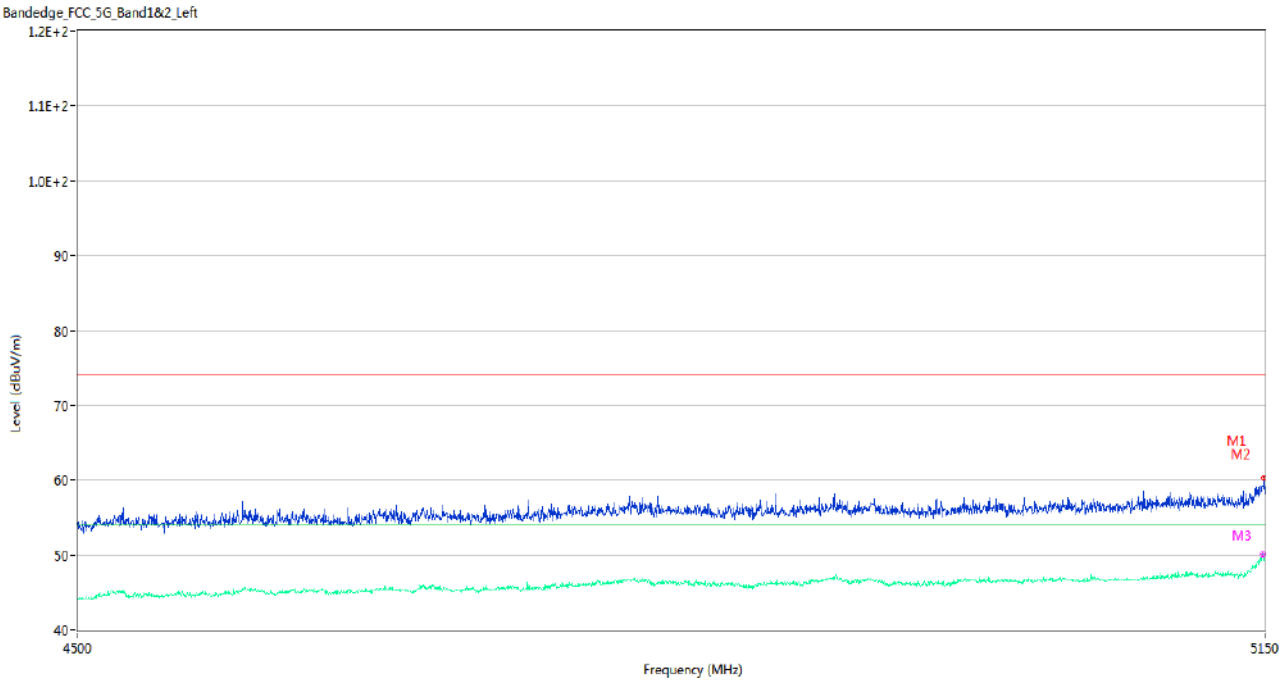
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	59.19	3.47	74.0	14.81	Peak	206.00	200	Vertical	Pass
1**	5149.025	49.48	3.47	54.0	4.52	AV	206.00	200	Vertical	Pass
2	5149.675	58.51	3.43	74.0	15.49	Peak	206.00	150	Vertical	Pass
2**	5149.675	49.10	3.43	54.0	4.90	AV	206.00	150	Vertical	Pass
3	5149.025	59.19	3.47	74.0	14.81	Peak	206.00	150	Vertical	Pass
3**	5149.025	49.48	3.47	54.0	4.52	AV	206.00	150	Vertical	Pass

U-NII-1 11n20 High Channel



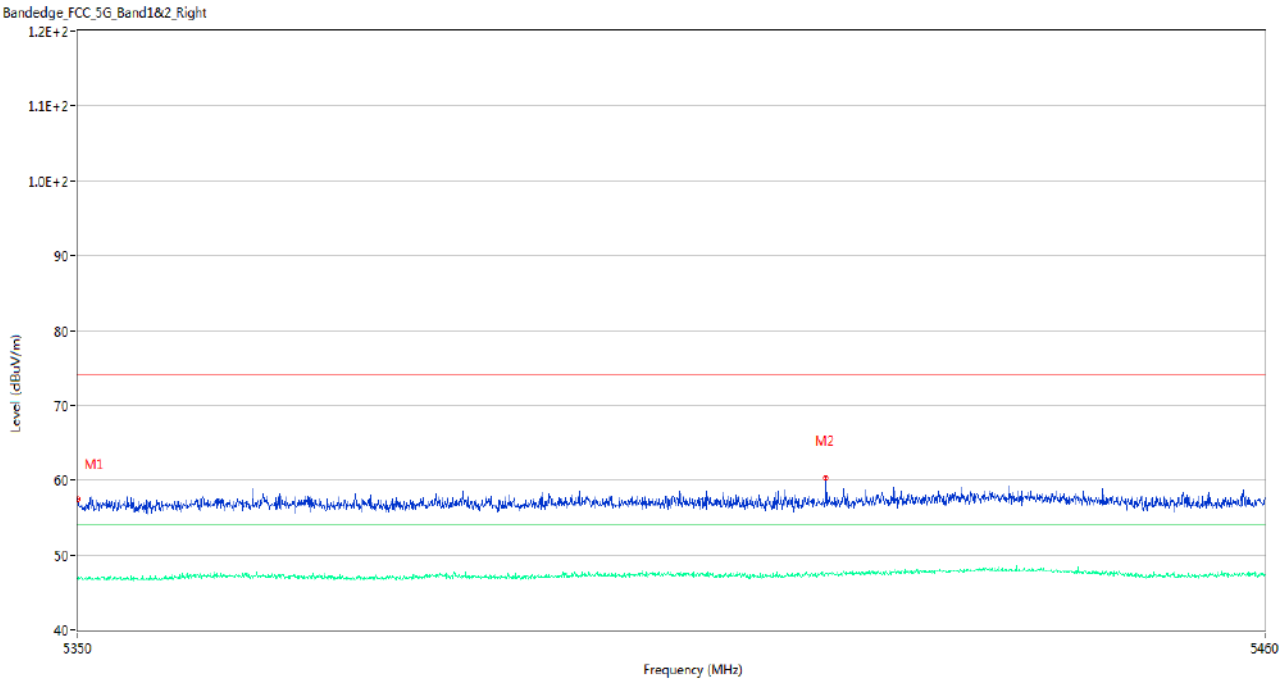
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.69	3.25	74.0	17.31	Peak	347.00	200	Vertical	Pass
1**	5350.055	47.00	3.25	54.0	7.00	AV	347.00	200	Vertical	Pass
2	5442.455	59.58	4.23	74.0	14.42	Peak	260.00	200	Vertical	Pass
2**	5442.455	47.54	4.23	54.0	6.46	AV	260.00	200	Vertical	Pass

U-NII-1 11n40 Low Channel



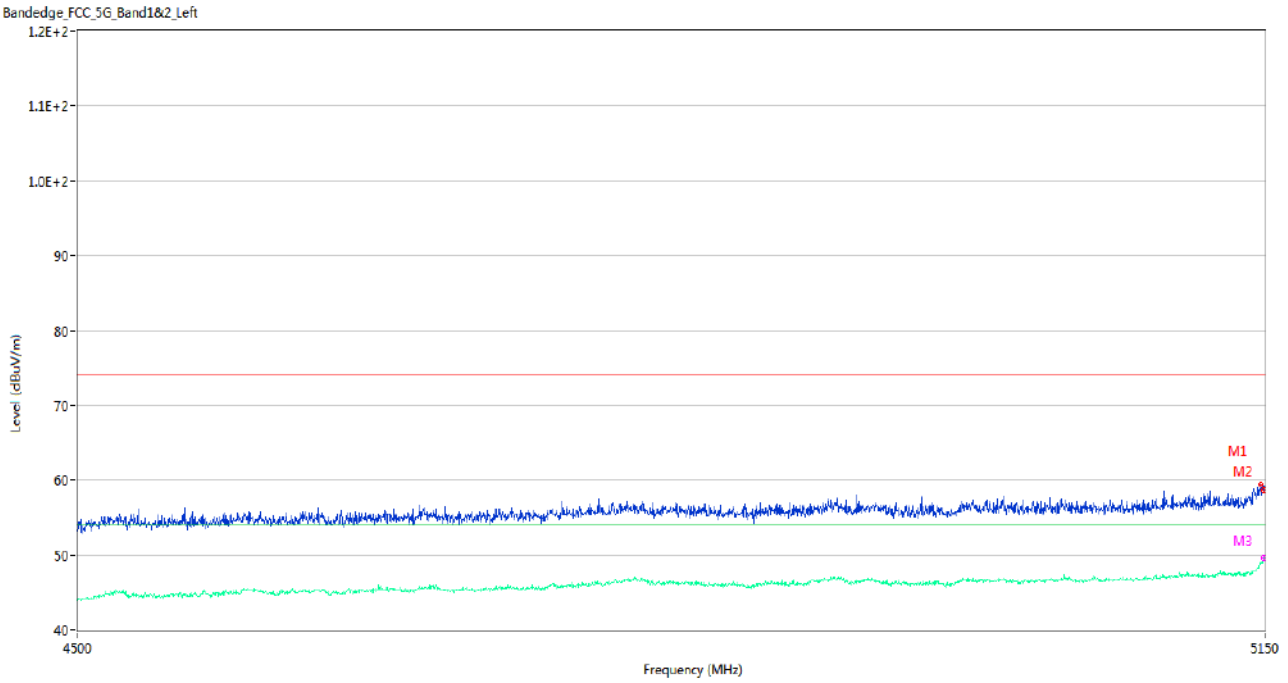
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	60.34	3.43	74.0	13.66	Peak	98.00	200	Vertical	Pass
1**	5149.675	49.40	3.43	54.0	4.60	AV	98.00	200	Vertical	Pass
2	5149.675	60.34	3.43	74.0	13.66	Peak	98.00	200	Vertical	Pass
2**	5149.675	49.40	3.43	54.0	4.60	AV	98.00	200	Vertical	Pass
3	5148.700	59.24	3.49	74.0	14.76	Peak	11.00	150	Vertical	Pass
3**	5148.700	50.17	3.49	54.0	3.83	AV	11.00	150	Vertical	Pass

U-NII-1 11n40 High Channel



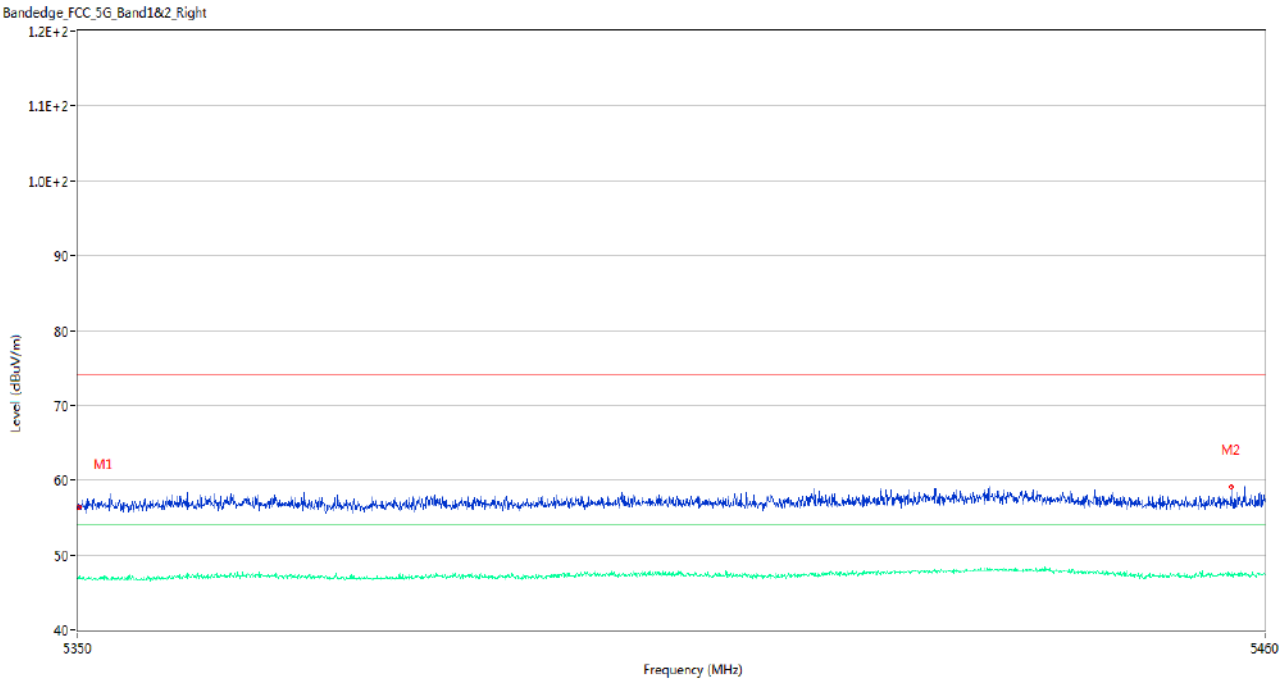
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.55	3.26	74.0	16.45	Peak	93.00	200	Vertical	Pass
1**	5350.000	46.98	3.26	54.0	7.02	AV	93.00	200	Vertical	Pass
2	5419.080	60.30	3.68	74.0	13.70	Peak	319.00	200	Vertical	Pass
2**	5419.080	47.52	3.68	54.0	6.48	AV	319.00	200	Vertical	Pass

U-NII-1 11ac20 Low Channel



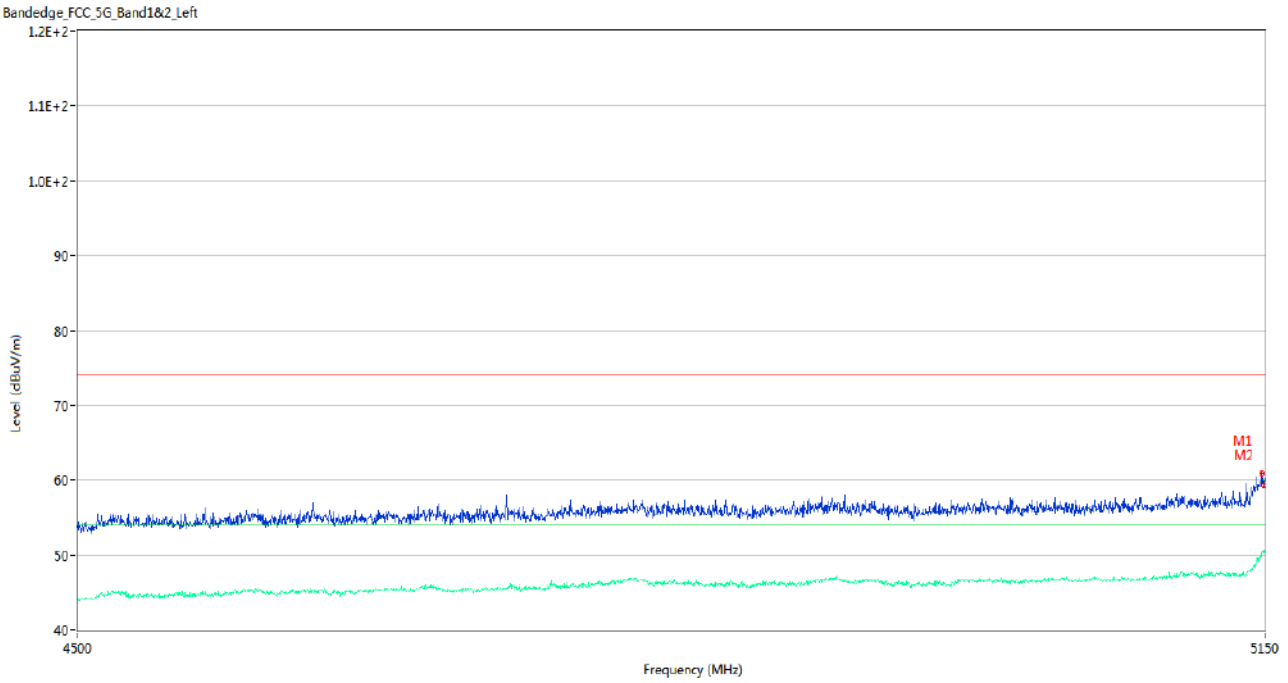
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.725	59.39	3.53	74.0	14.61	Peak	90.00	200	Vertical	Pass
1**	5147.725	48.67	3.53	54.0	5.33	AV	90.00	200	Vertical	Pass
2	5149.675	58.72	3.43	74.0	15.28	Peak	243.00	200	Vertical	Pass
2**	5149.675	49.45	3.43	54.0	4.55	AV	243.00	200	Vertical	Pass
3	5149.350	59.23	3.45	74.0	14.77	Peak	342.00	150	Vertical	Pass
3**	5149.350	49.58	3.45	54.0	4.42	AV	342.00	150	Vertical	Pass

U-NII-1 11ac20 High Channel



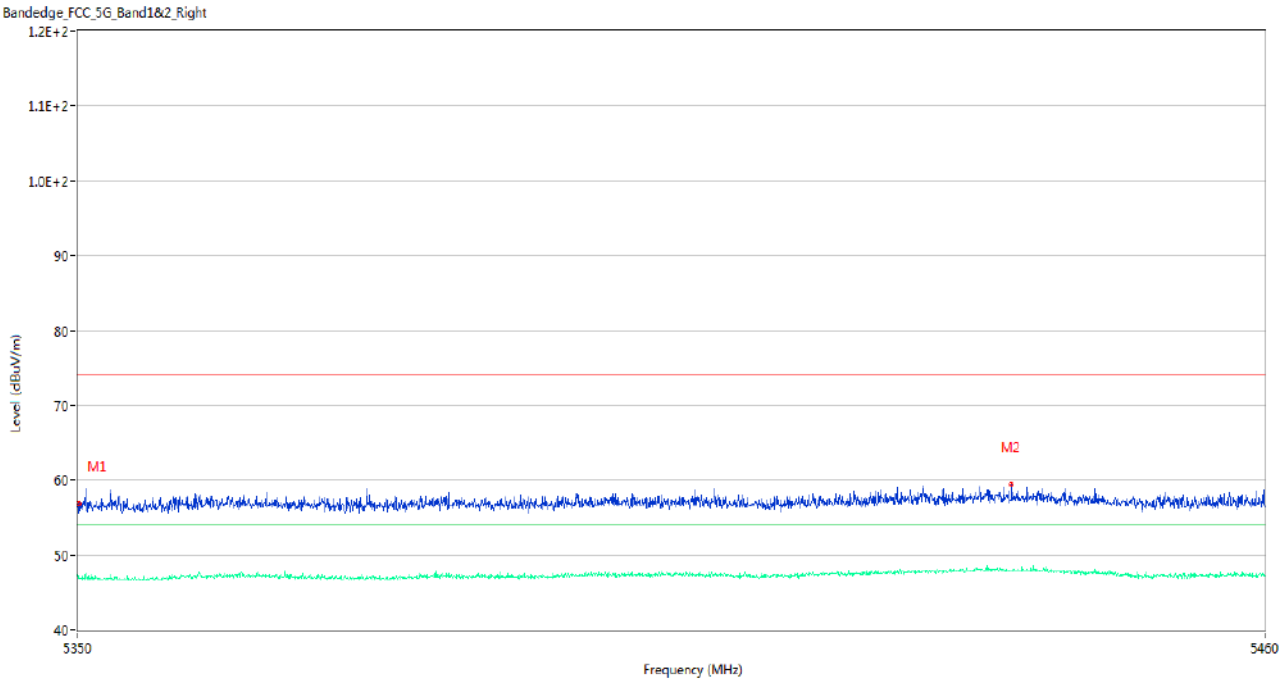
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.44	3.25	74.0	17.56	Peak	11.00	200	Vertical	Pass
1**	5350.055	46.87	3.25	54.0	7.13	AV	11.00	200	Vertical	Pass
2	5456.865	59.14	4.09	74.0	14.86	Peak	117.00	200	Vertical	Pass
2**	5456.865	47.29	4.09	54.0	6.71	AV	117.00	200	Vertical	Pass

U-NII-1 11ac40 Low Channel



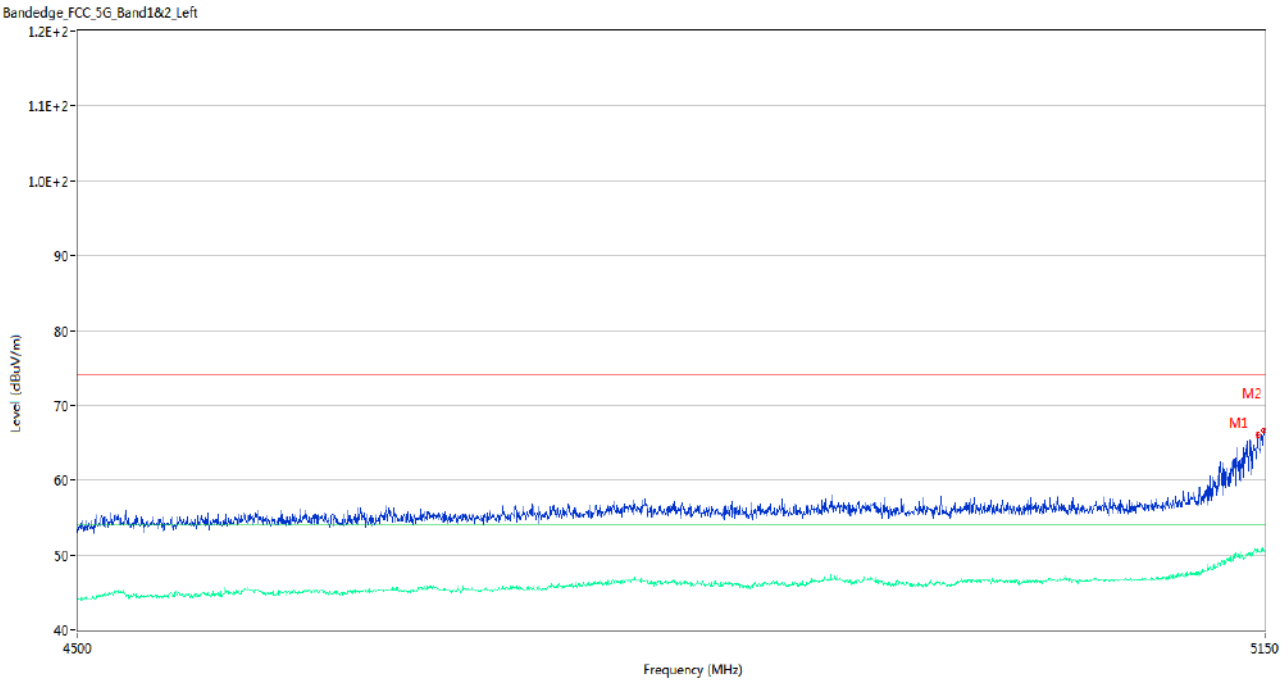
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.375	60.87	3.50	74.0	13.13	Peak	87.00	100	Vertical	Pass
1**	5148.375	50.19	3.50	54.0	3.81	AV	87.00	100	Vertical	Pass
2	5149.675	59.35	3.43	74.0	14.65	Peak	316.00	200	Vertical	Pass
2**	5149.675	50.69	3.43	54.0	3.31	AV	316.00	200	Vertical	Pass

U-NII-1 11ac40 High Channel



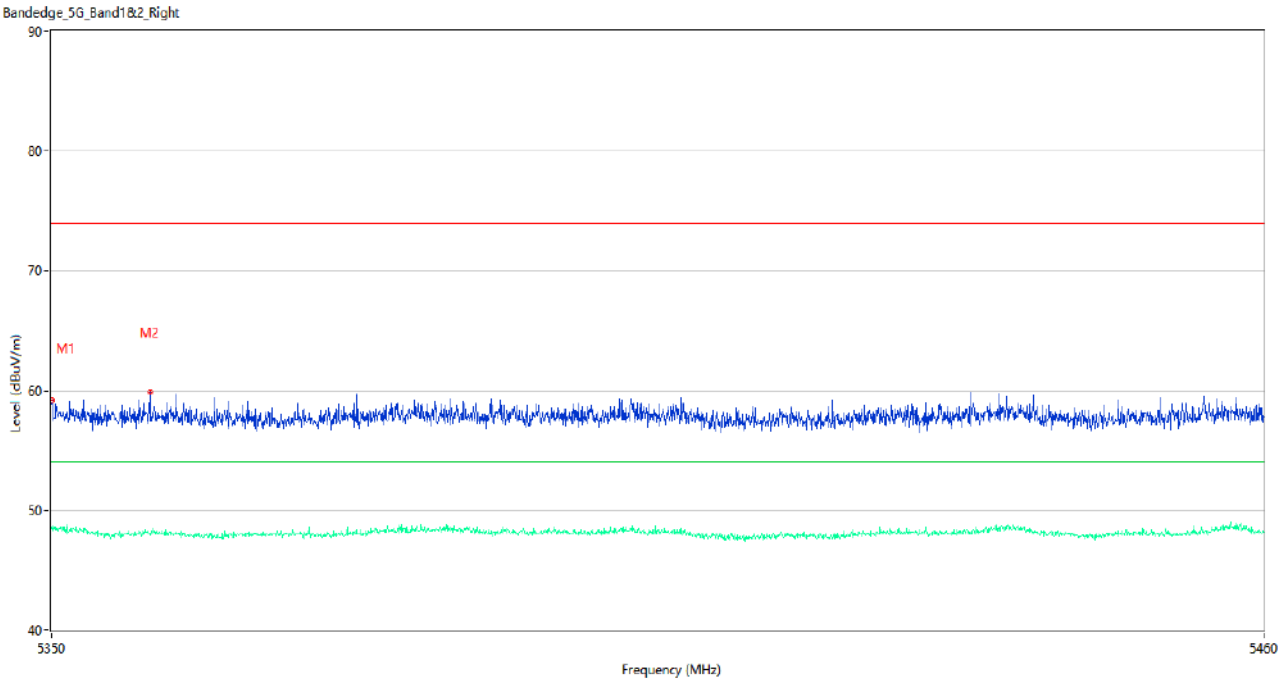
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.84	3.25	74.0	17.16	Peak	0.00	100	Vertical	Pass
1**	5350.055	46.95	3.25	54.0	7.05	AV	0.00	100	Vertical	Pass
2	5436.350	59.46	4.37	74.0	14.54	Peak	88.00	100	Vertical	Pass
2**	5436.350	47.95	4.37	54.0	6.05	AV	88.00	100	Vertical	Pass

U-NII-1 11ac80 Middle Channel



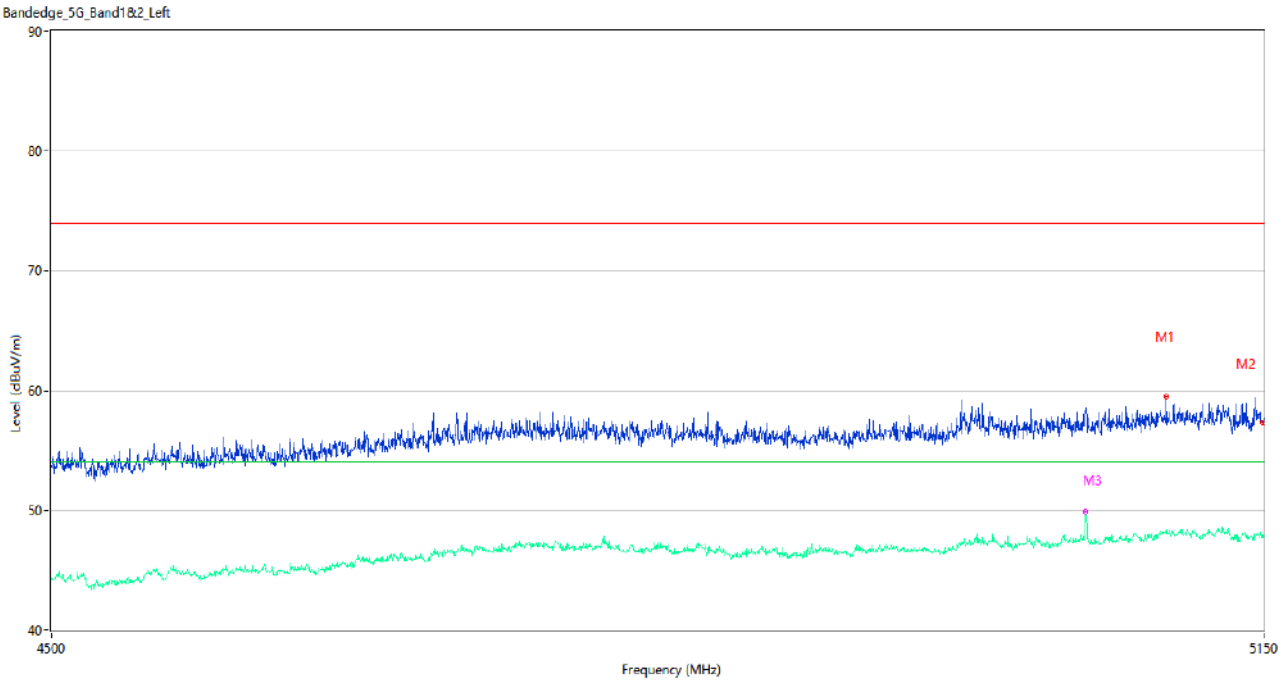
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.775	66.03	3.63	74.0	7.97	Peak	205.00	150	Vertical	Pass
1**	5145.775	50.33	3.63	54.0	3.67	AV	205.00	150	Vertical	Pass
2	5149.675	66.59	3.43	74.0	7.41	Peak	213.00	200	Vertical	Pass
2**	5149.675	50.64	3.43	54.0	3.36	AV	213.00	200	Vertical	Pass

U-NII-1 11ac80 Middle Channel



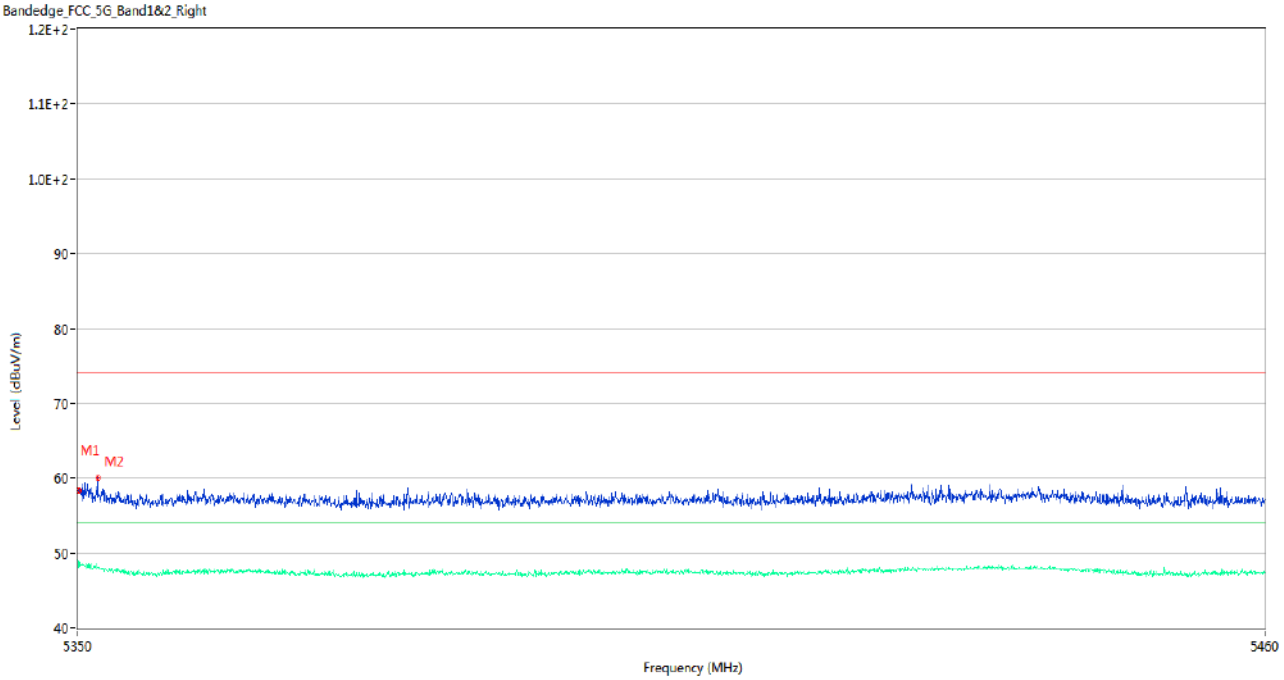
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	56.55	3.25	74.0	17.45	Peak	283.00	200	Vertical	Pass
1**	5350.055	47.10	3.25	54.0	6.90	AV	283.00	200	Vertical	Pass
2	5435.525	59.29	4.37	74.0	14.71	Peak	0.00	200	Vertical	Pass
2**	5435.525	48.07	4.37	54.0	5.93	AV	0.00	200	Vertical	Pass

U-NII-2A 11a Low Channel



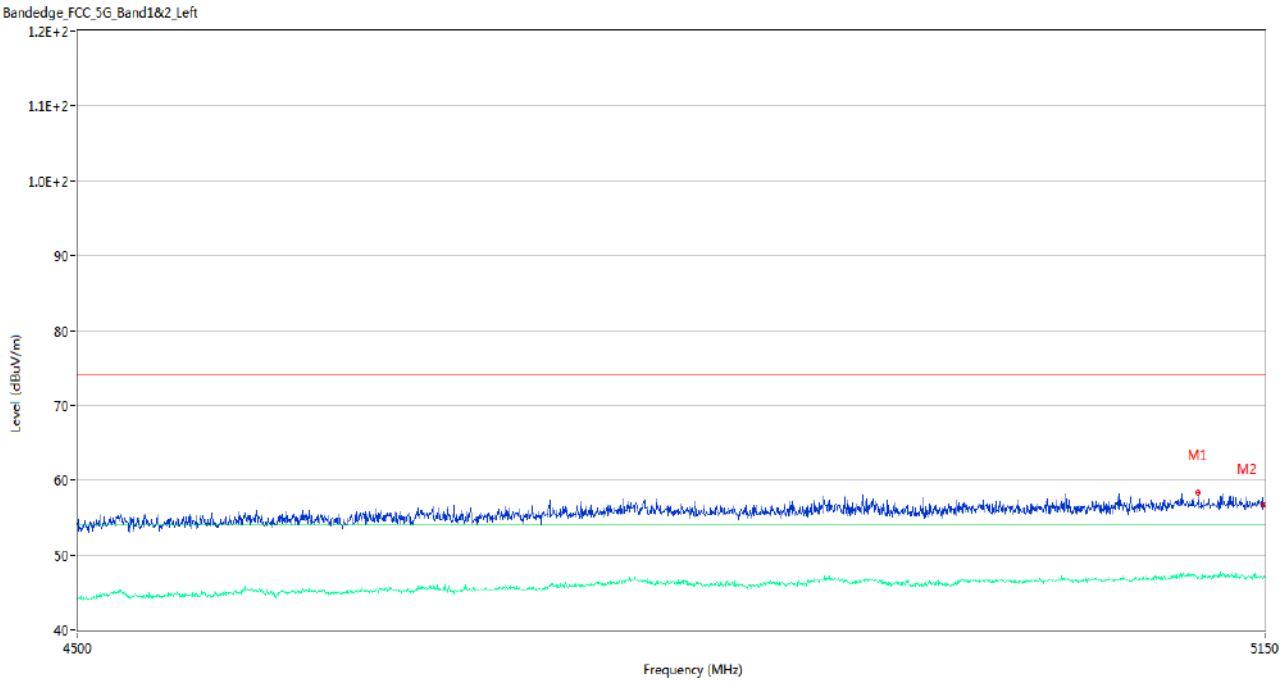
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5125.300	58.73	4.16	74.0	15.27	Peak	73.00	100	Vertical	Pass
1**	5125.300	47.20	4.16	54.0	6.80	AV	73.00	100	Vertical	Pass
2	5149.675	56.83	3.43	74.0	17.17	Peak	284.00	150	Vertical	Pass
2**	5149.675	46.77	3.43	54.0	7.23	AV	284.00	150	Vertical	Pass

U-NII-2A 11a High Channel



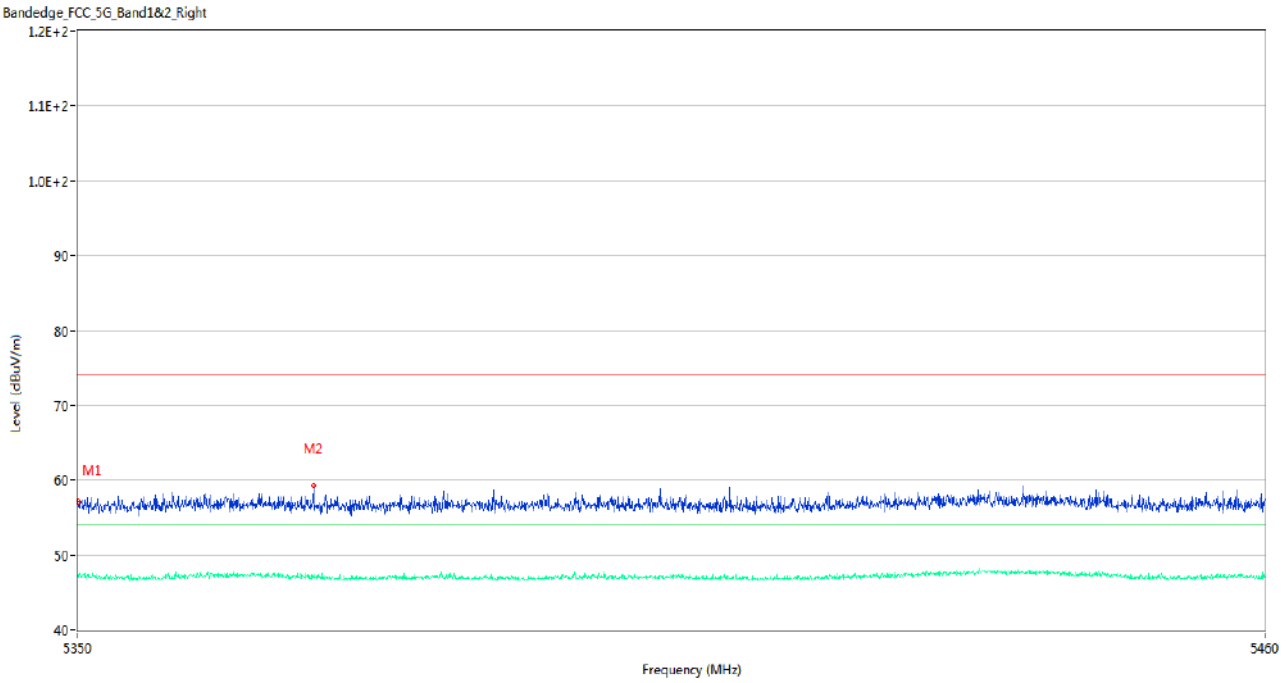
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	58.41	3.25	74.0	15.59	Peak	209.00	100	Vertical	Pass
1**	5350.055	48.86	3.25	54.0	5.14	AV	209.00	100	Vertical	Pass
2	5351.815	60.10	3.28	74.0	13.90	Peak	74.00	200	Vertical	Pass
2**	5351.815	48.15	3.28	54.0	5.85	AV	74.00	200	Vertical	Pass

U-NII-2A 11n20 Low Channel



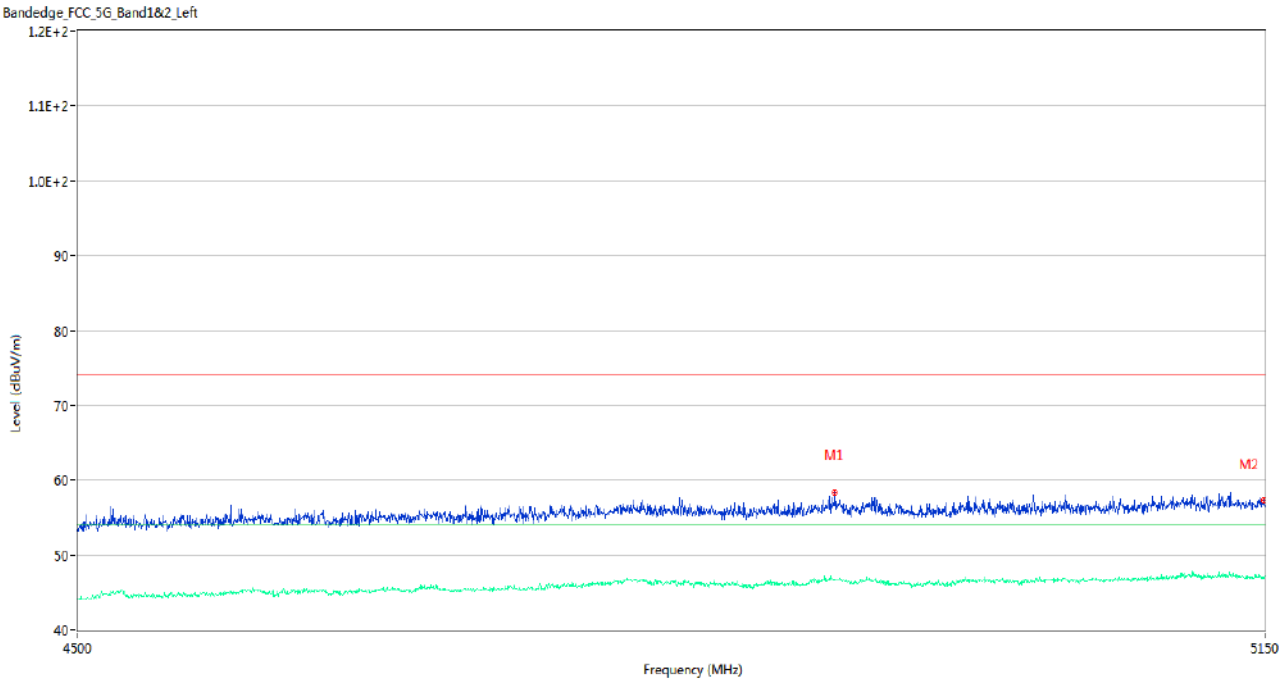
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5111.325	58.39	3.82	74.0	15.61	Peak	232.00	100	Vertical	Pass
1**	5111.325	47.03	3.82	54.0	6.97	AV	232.00	100	Vertical	Pass
2	5149.675	56.78	3.43	74.0	17.22	Peak	106.00	150	Vertical	Pass
2**	5149.675	47.26	3.43	54.0	6.74	AV	106.00	150	Vertical	Pass

U-NII-2A 11n20 High Channel



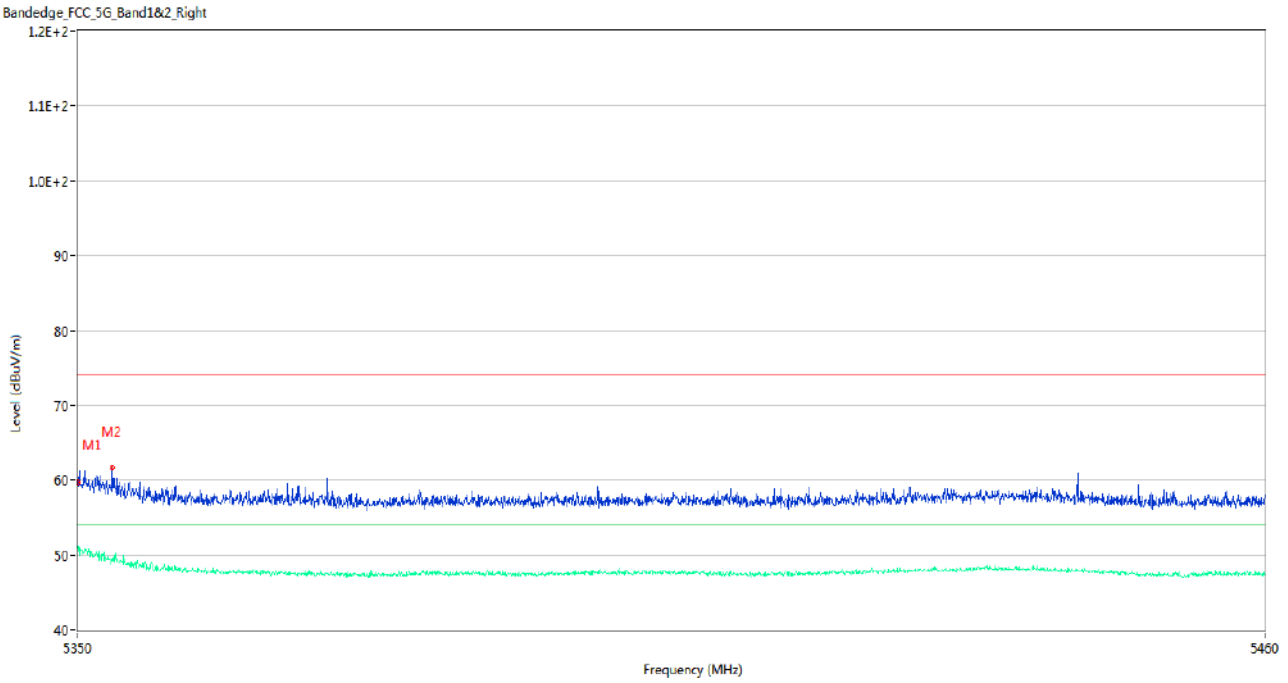
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.11	3.26	74.0	16.89	Peak	92.00	200	Vertical	Pass
1**	5350.000	47.29	3.26	54.0	6.71	AV	92.00	200	Vertical	Pass
2	5371.670	59.25	3.66	74.0	14.75	Peak	271.00	200	Vertical	Pass
2**	5371.670	47.34	3.66	54.0	6.66	AV	271.00	200	Vertical	Pass

U-NII-2A 11n40 Low Channel



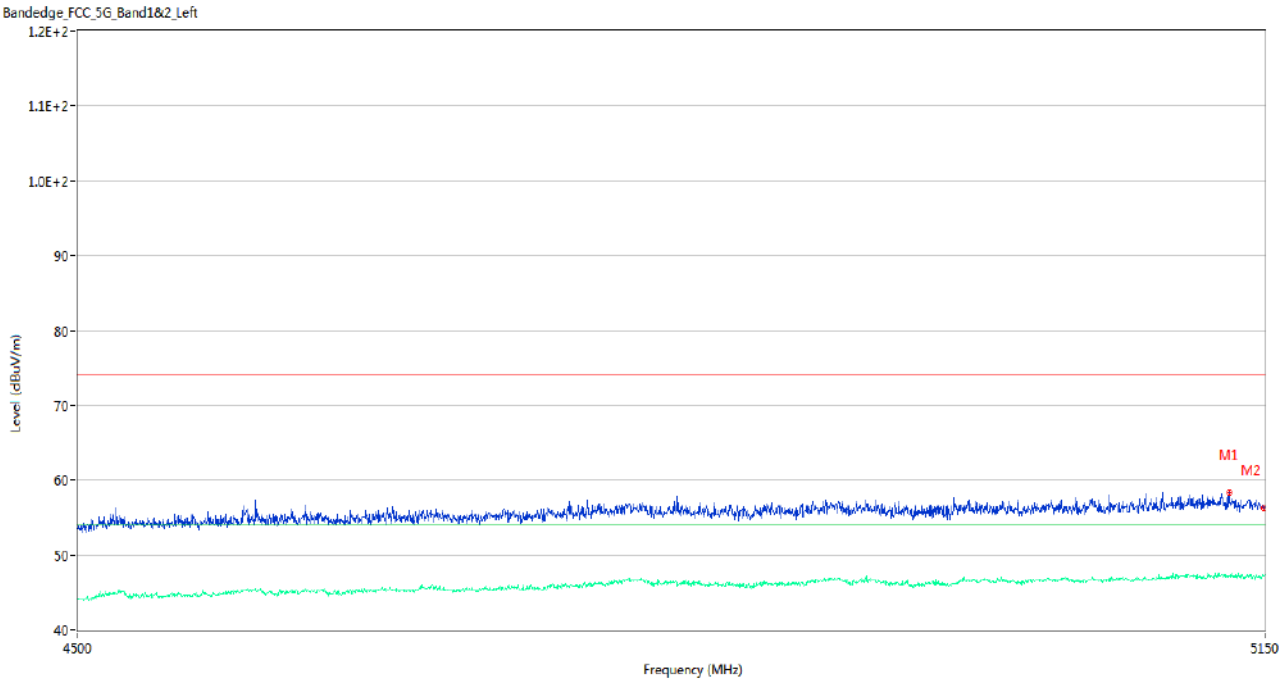
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4904.625	58.42	3.68	74.0	15.58	Peak	360.00	150	Vertical	Pass
1**	4904.625	46.70	3.68	54.0	7.30	AV	360.00	150	Vertical	Pass
2	5149.675	57.35	3.43	74.0	16.65	Peak	170.00	100	Vertical	Pass
2**	5149.675	46.94	3.43	54.0	7.06	AV	170.00	100	Vertical	Pass

U-NII-2A 11n40 High Channel



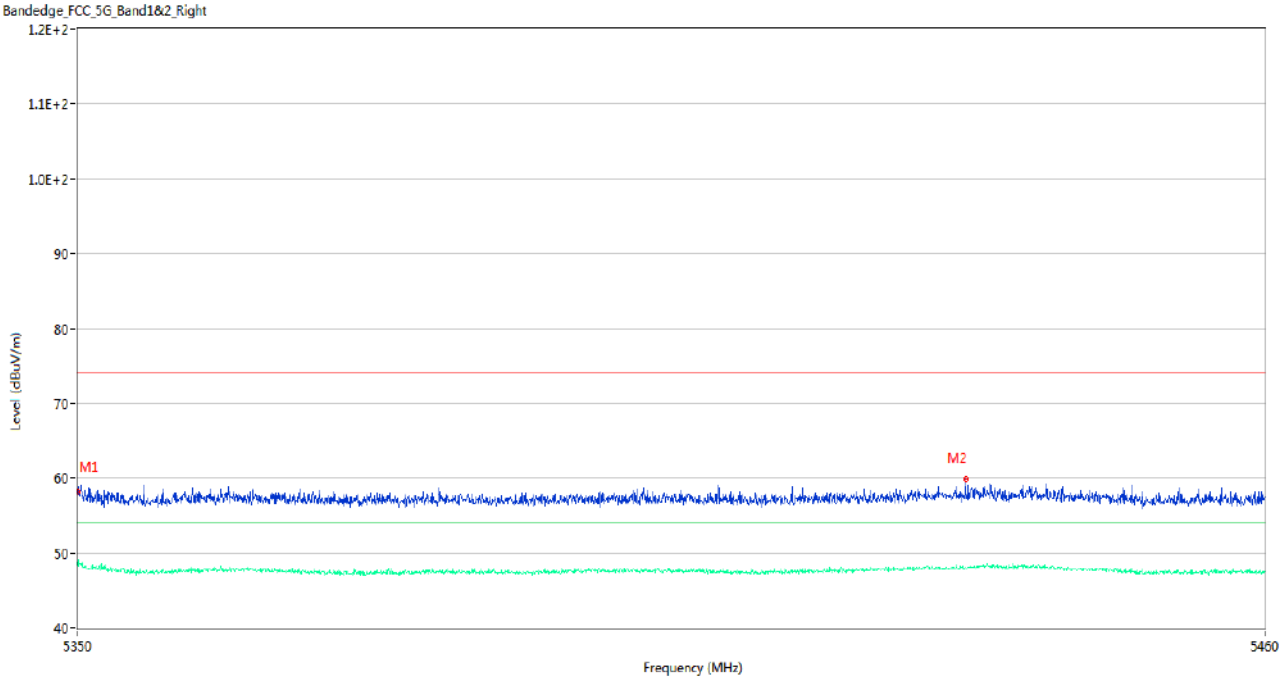
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.75	3.26	74.0	14.25	Peak	263.00	200	Vertical	Pass
1**	5350.000	51.00	3.26	54.0	3.00	AV	263.00	200	Vertical	Pass
2	5353.190	61.68	3.32	74.0	12.32	Peak	48.00	200	Vertical	Pass
2**	5353.190	49.50	3.32	54.0	4.50	AV	48.00	200	Vertical	Pass

U-NII-2A 11ac20 Low Channel



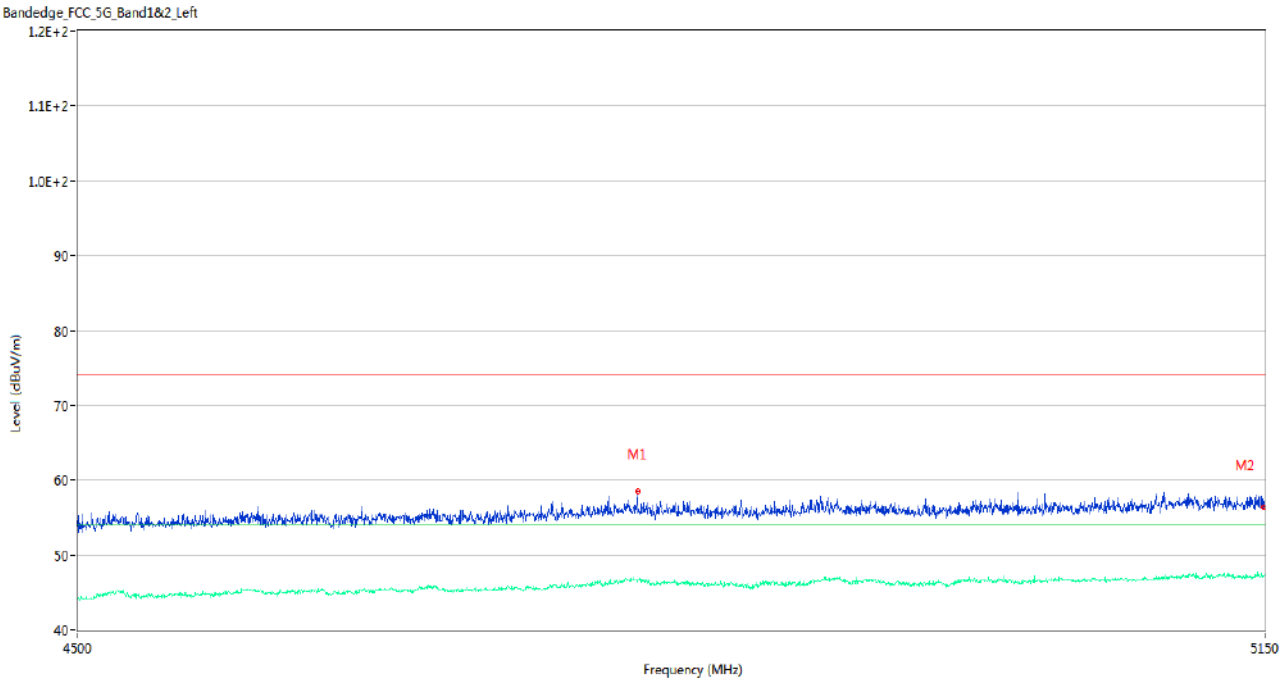
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5129.200	58.39	4.08	74.0	15.61	Peak	349.00	200	Vertical	Pass
1**	5129.200	47.24	4.08	54.0	6.76	AV	349.00	200	Vertical	Pass
2	5149.675	56.34	3.43	74.0	17.66	Peak	173.00	150	Vertical	Pass
2**	5149.675	47.20	3.43	54.0	6.80	AV	173.00	150	Vertical	Pass

U-NII-2A 11ac20 High Channel



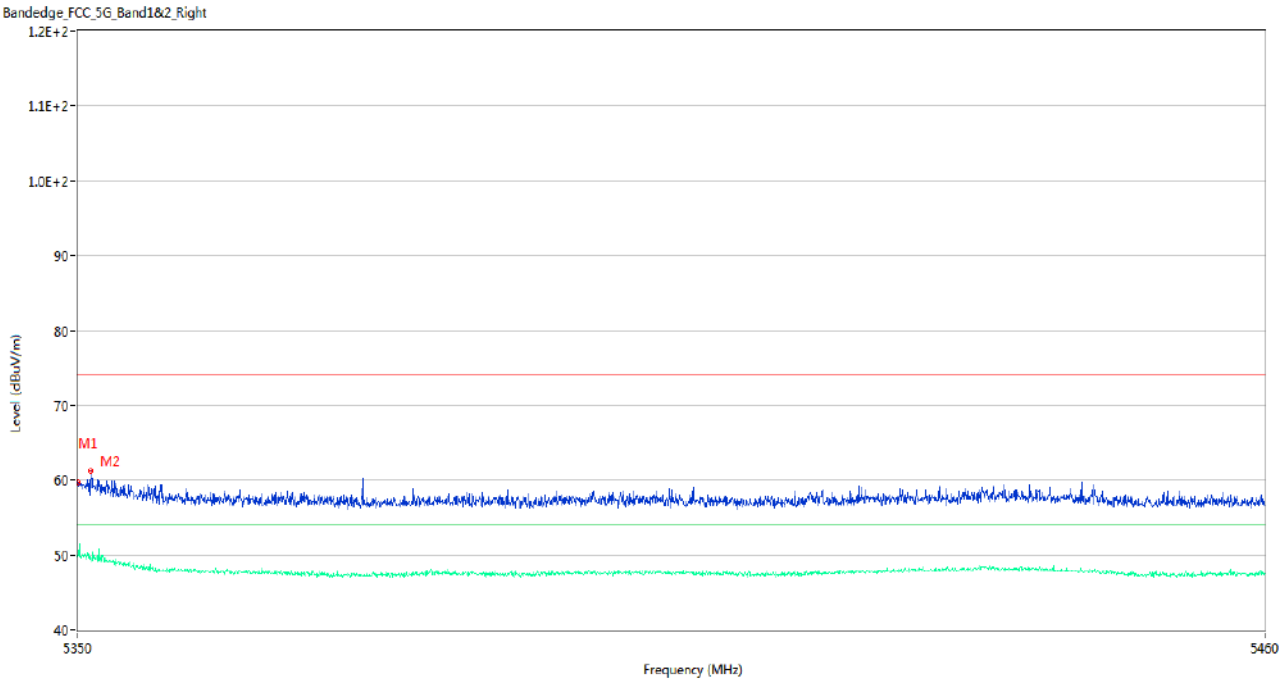
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.26	3.26	74.0	15.74	Peak	265.00	200	Vertical	Pass
1**	5350.000	48.41	3.26	54.0	5.59	AV	265.00	200	Vertical	Pass
2	5432.060	59.83	4.23	74.0	14.17	Peak	174.00	100	Vertical	Pass
2**	5432.060	48.12	4.23	54.0	5.88	AV	174.00	100	Vertical	Pass

U-NII-2A 11ac40 Low Channel



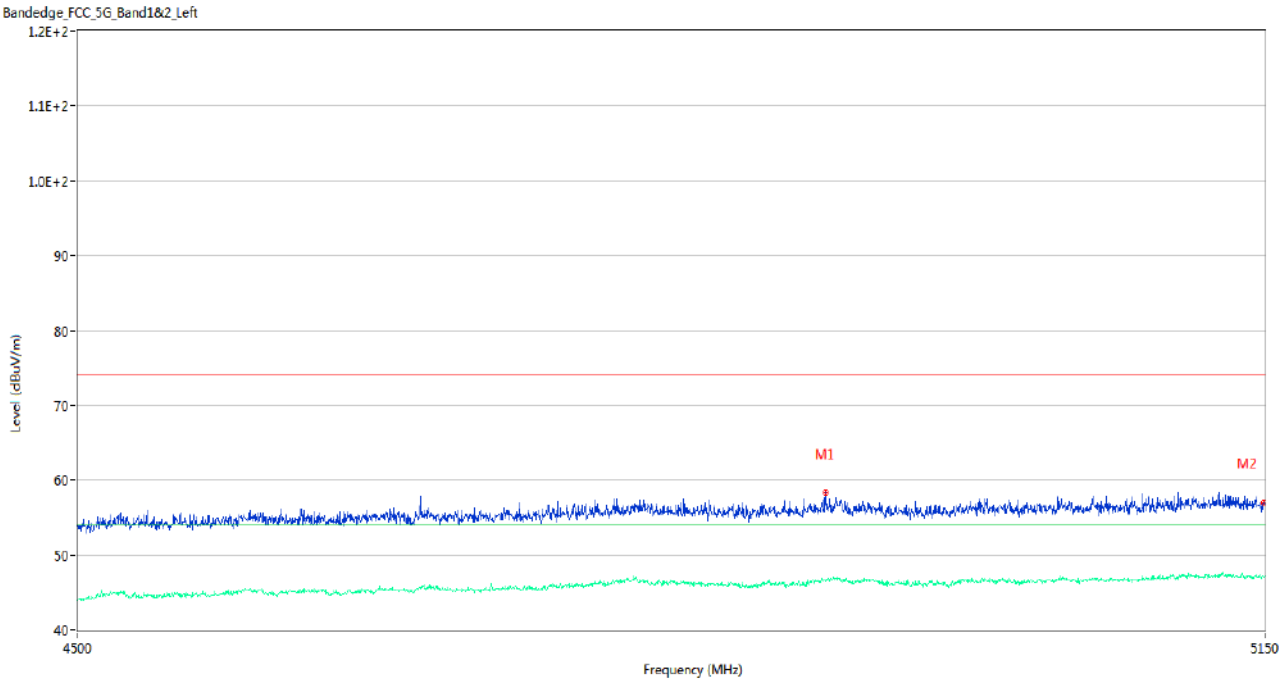
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4795.750	58.51	3.47	74.0	15.49	Peak	56.00	200	Vertical	Pass
1**	4795.750	46.39	3.47	54.0	7.61	AV	56.00	200	Vertical	Pass
2	5149.675	56.38	3.43	74.0	17.62	Peak	360.00	100	Vertical	Pass
2**	5149.675	47.20	3.43	54.0	6.80	AV	360.00	100	Vertical	Pass

U-NII-2A 11ac40 High Channel



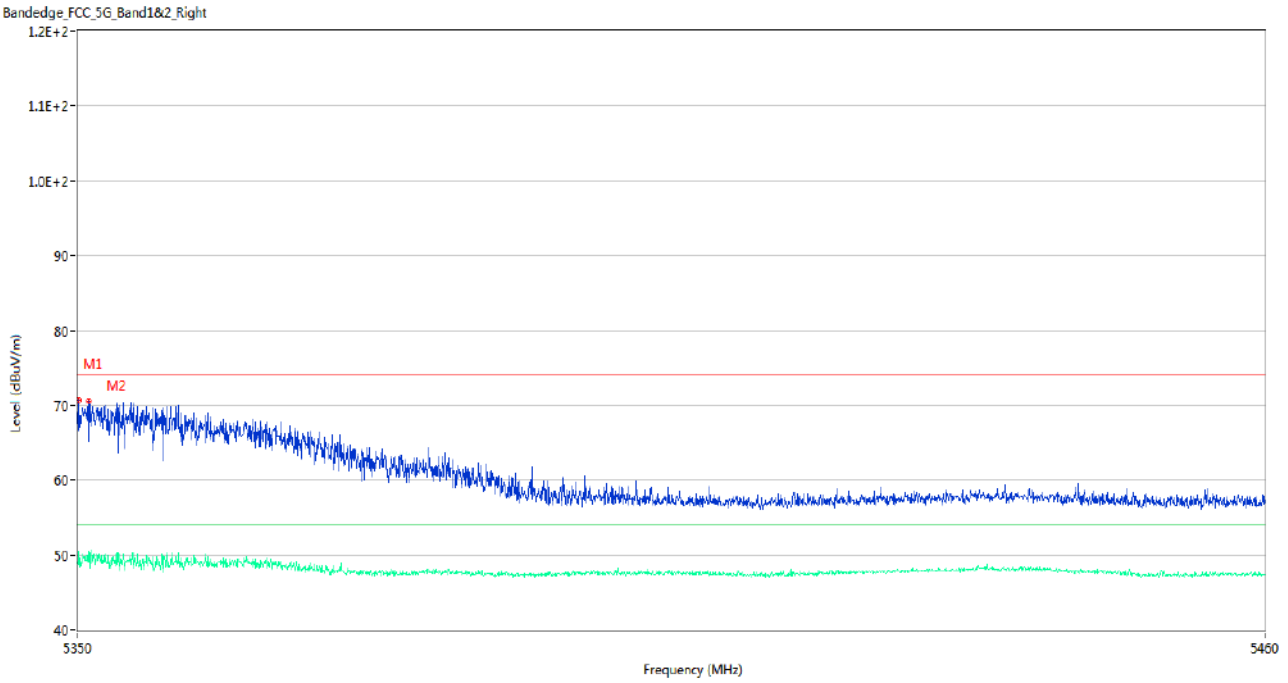
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.70	3.26	74.0	14.30	Peak	254.00	150	Vertical	Pass
1**	5350.000	49.77	3.26	54.0	4.23	AV	254.00	150	Vertical	Pass
2	5351.210	61.29	3.26	74.0	12.71	Peak	262.00	150	Vertical	Pass
2**	5351.210	49.68	3.26	54.0	4.32	AV	262.00	150	Vertical	Pass

U-NII-2A 11ac80 Middle Channel



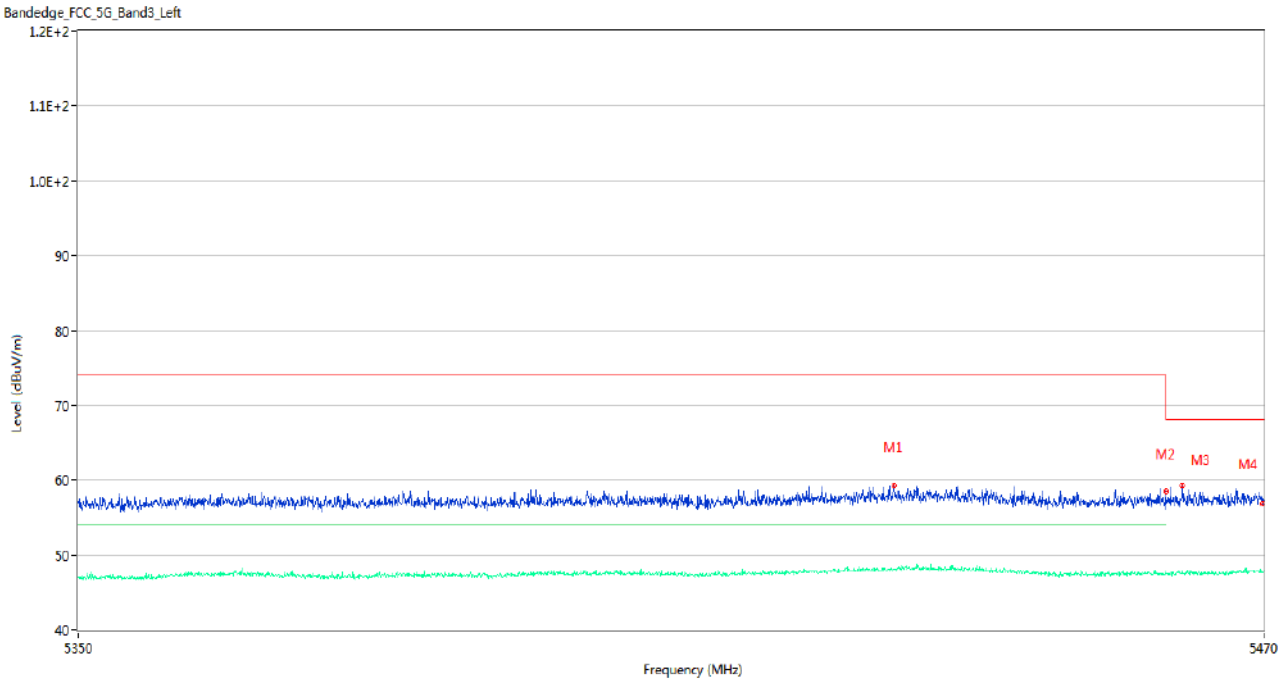
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4899.100	58.45	3.37	74.0	15.55	Peak	360.00	150	Vertical	Pass
1**	4899.100	46.66	3.37	54.0	7.34	AV	360.00	150	Vertical	Pass
2	5149.675	57.05	3.43	74.0	16.95	Peak	37.00	150	Vertical	Pass
2**	5149.675	47.12	3.43	54.0	6.88	AV	37.00	150	Vertical	Pass

U-NII-2A 11ac80 Middle Channel



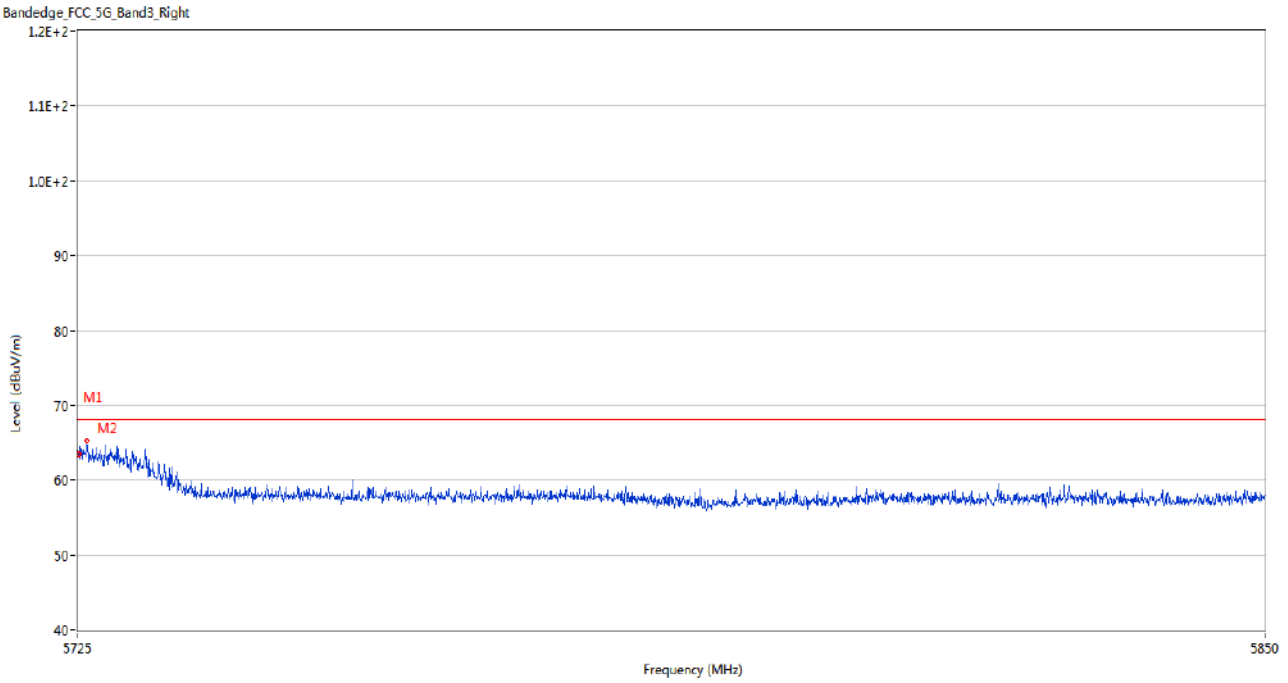
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	70.74	3.25	74.0	3.26	Peak	112.00	150	Vertical	Pass
1**	5350.055	48.80	3.25	54.0	5.20	AV	112.00	150	Vertical	Pass
2	5350.990	70.62	3.25	74.0	3.38	Peak	63.00	100	Vertical	Pass
2**	5350.990	49.08	3.25	54.0	4.92	AV	63.00	100	Vertical	Pass

U-NII-2C 11a Low Channel



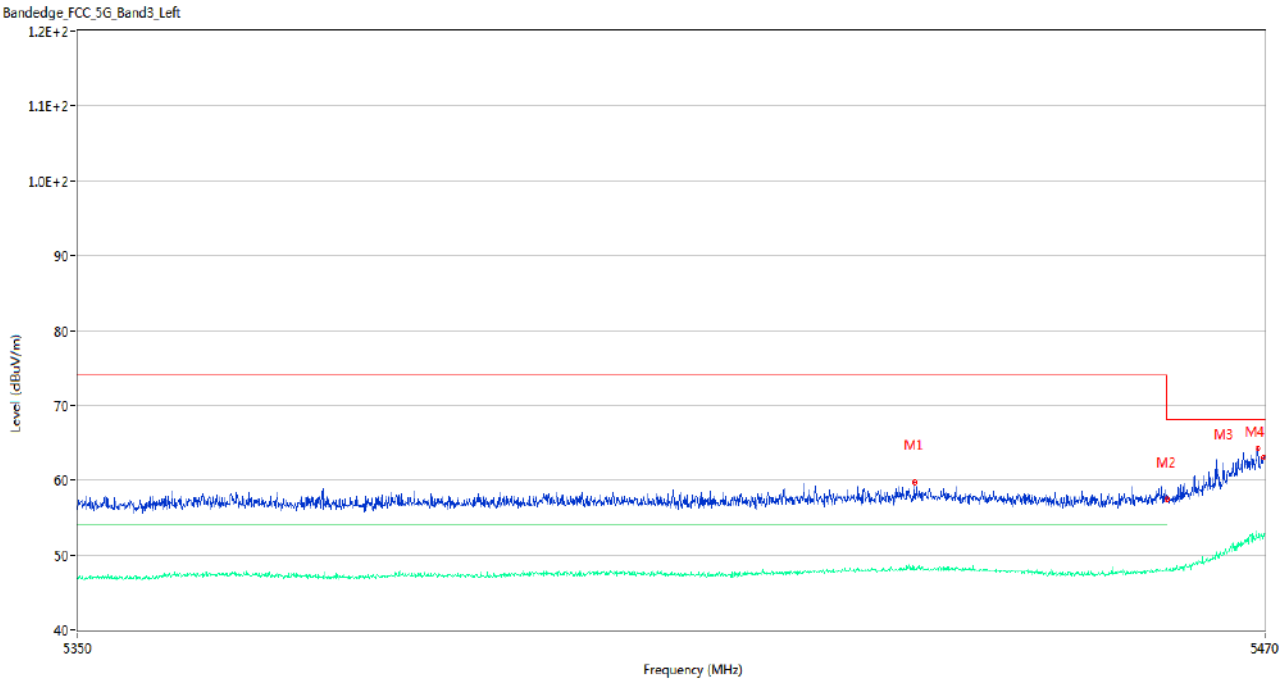
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5432.260	59.35	4.26	74.0	14.65	Peak	0.00	200	Vertical	Pass
1**	5432.260	48.09	4.26	54.0	5.91	AV	0.00	200	Vertical	Pass
2	5459.980	58.50	4.10	74.0	15.50	Peak	191.00	200	Vertical	Pass
2**	5459.980	47.81	4.10	54.0	6.19	AV	191.00	200	Vertical	Pass
3	5461.660	59.28	4.13	68.2	8.92	Peak	127.00	200	Vertical	Pass
3**	5461.660	47.87	4.13	--	--	AV	127.00	200	Vertical	N/A
4	5469.940	56.92	4.06	68.2	11.28	Peak	108.00	150	Vertical	Pass
4**	5469.940	47.64	4.06	--	--	AV	108.00	150	Vertical	N/A

U-NII-2C 11a High Channel



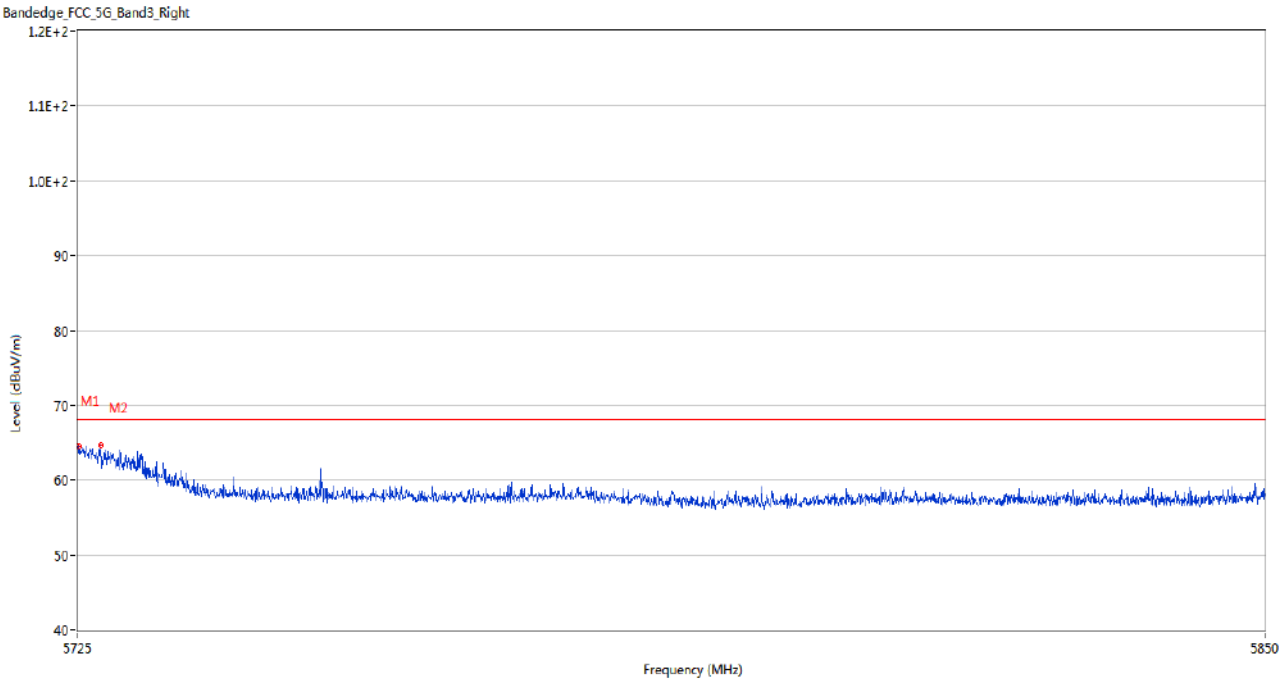
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	63.54	4.12	68.2	4.66	Peak	308.00	200	Vertical	Pass
2	5725.938	65.19	4.12	68.2	3.01	Peak	342.00	100	Vertical	Pass

U-NII-2C 11n20 Low Channel



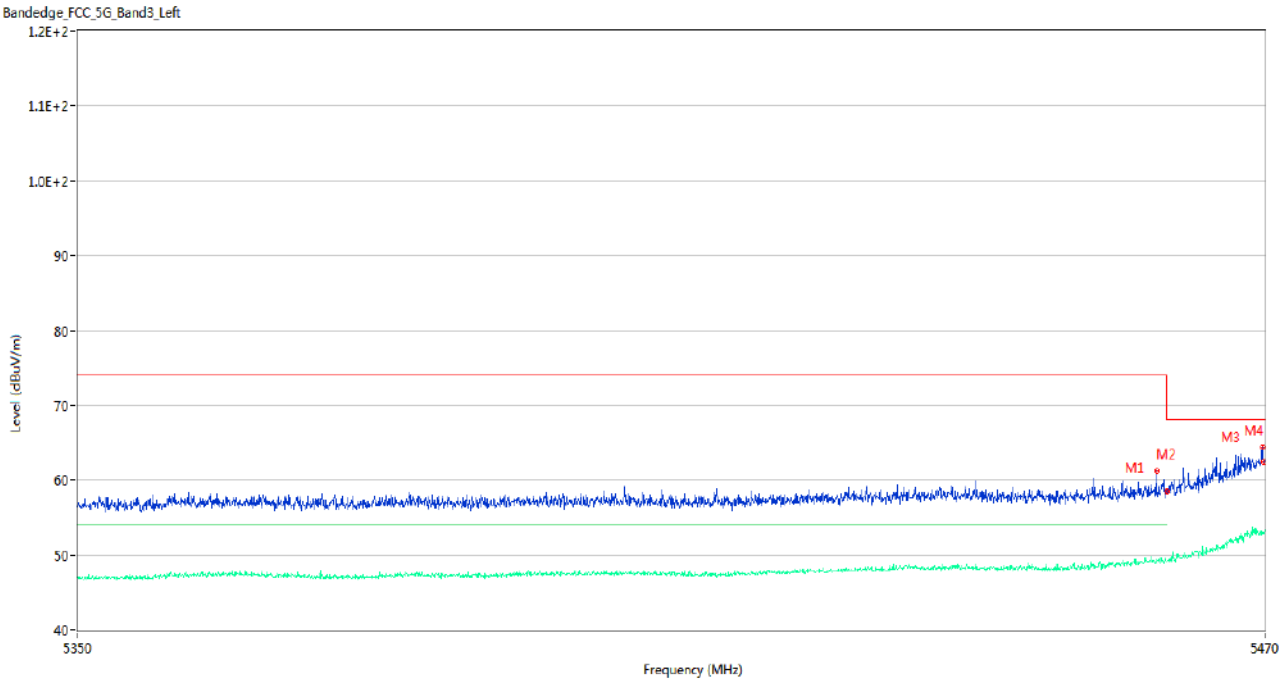
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5434.300	59.76	4.45	74.0	14.24	Peak	267.00	200	Vertical	Pass
1**	5434.300	48.03	4.45	54.0	5.97	AV	267.00	200	Vertical	Pass
2	5459.980	57.42	4.10	74.0	16.58	Peak	58.00	150	Vertical	Pass
2**	5459.980	47.97	4.10	54.0	6.03	AV	58.00	150	Vertical	Pass
3	5469.280	64.26	4.08	68.2	3.94	Peak	68.00	100	Vertical	Pass
3**	5469.280	52.37	4.08	--	--	AV	68.00	100	Vertical	N/A
4	5469.940	63.00	4.06	68.2	5.20	Peak	48.00	100	Vertical	Pass
4**	5469.940	53.03	4.06	--	--	AV	48.00	100	Vertical	N/A

U-NII-2C 11n20 High Channel



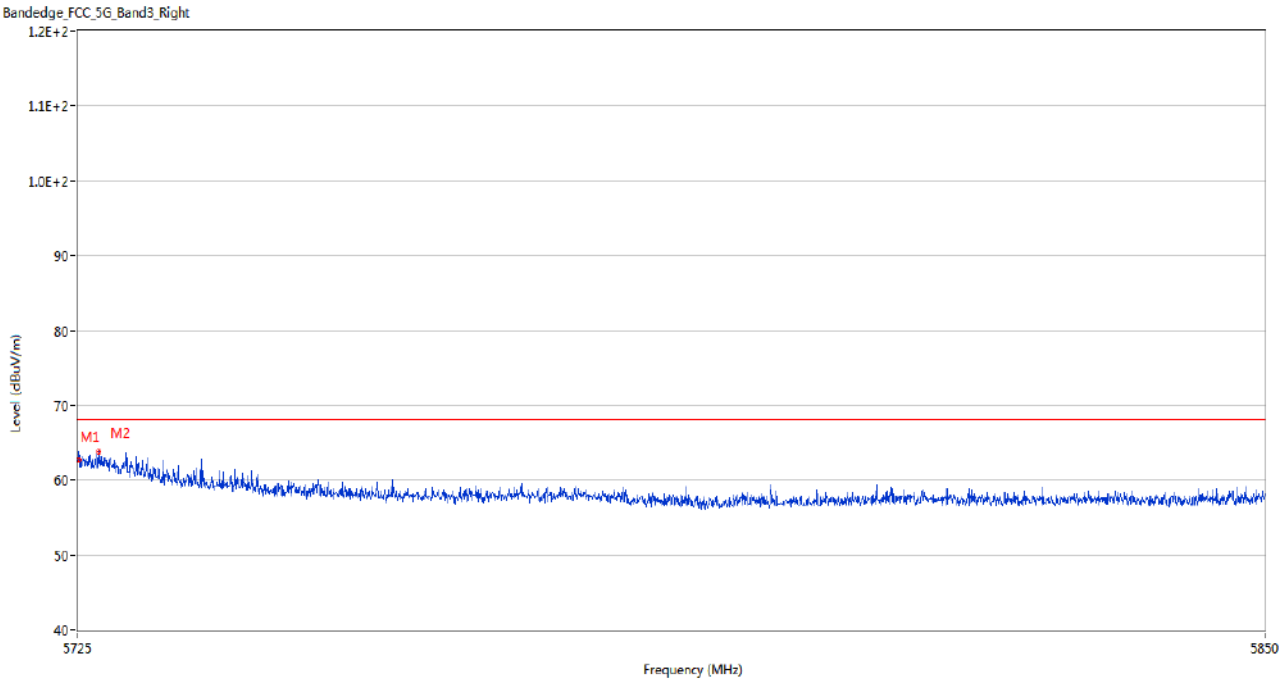
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	64.59	4.12	68.2	3.61	Peak	51.00	100	Vertical	Pass
2	5727.375	64.64	4.12	68.2	3.56	Peak	292.00	100	Vertical	Pass

U-NII-2C 11n40 Low Channel



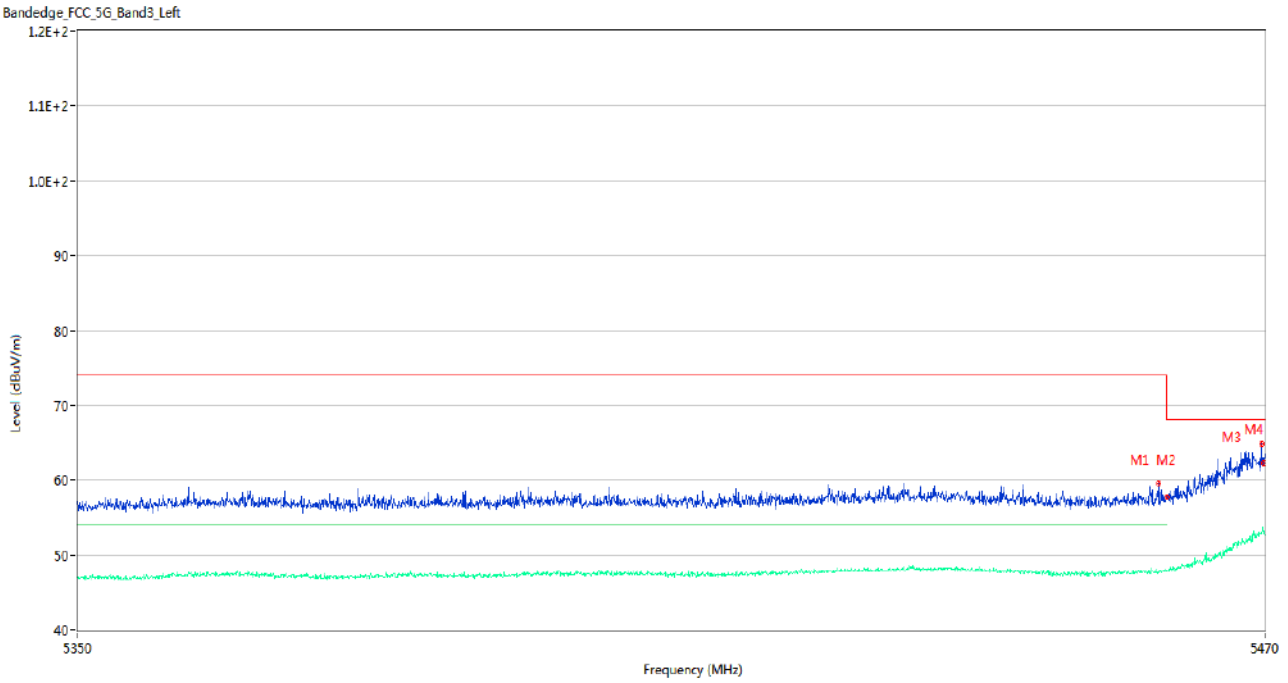
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.960	61.28	4.08	74.0	12.72	Peak	52.00	100	Vertical	Pass
1**	5458.960	49.24	4.08	54.0	4.76	AV	52.00	100	Vertical	Pass
2	5459.980	58.55	4.10	74.0	15.45	Peak	46.00	200	Vertical	Pass
2**	5459.980	49.18	4.10	54.0	4.82	AV	46.00	200	Vertical	Pass
3	5469.760	64.35	4.06	68.2	3.85	Peak	44.00	150	Vertical	Pass
3**	5469.760	52.79	4.06	--	--	AV	44.00	150	Vertical	N/A
4	5469.940	62.52	4.06	68.2	5.68	Peak	239.00	100	Vertical	Pass
4**	5469.940	52.88	4.06	--	--	AV	239.00	100	Vertical	N/A

U-NII-2C 11n40 High Channel



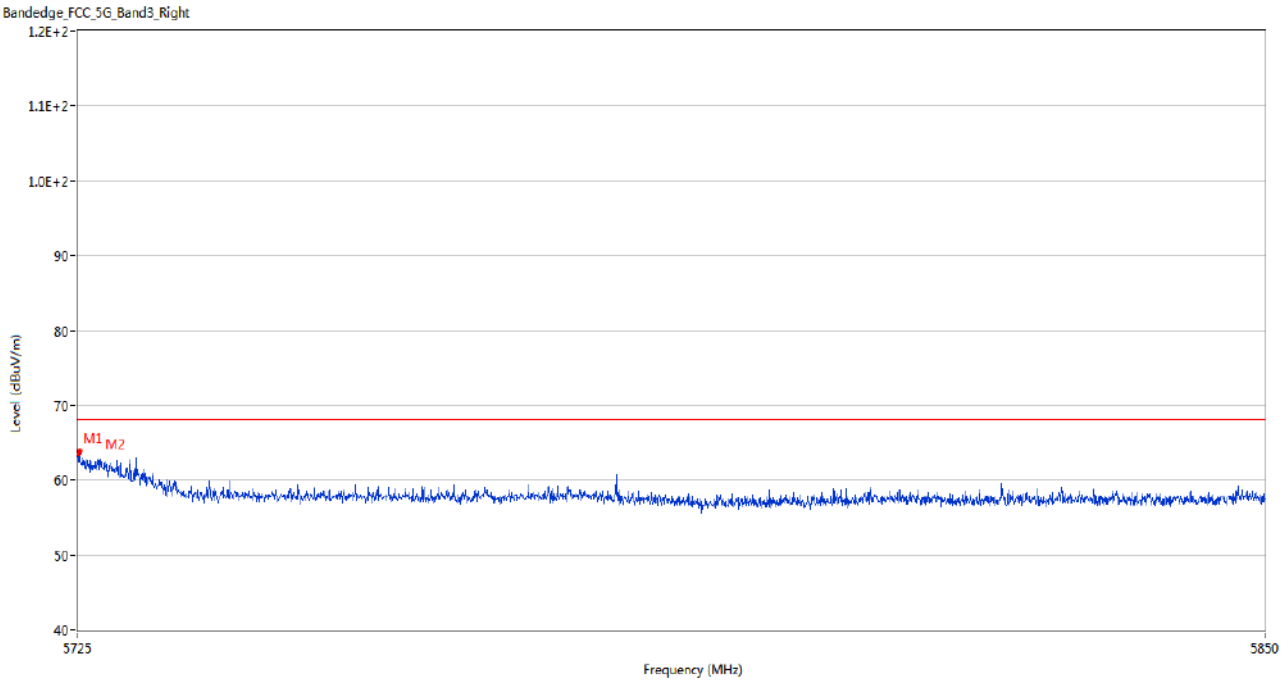
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	62.77	4.12	68.2	5.43	Peak	325.00	150	Vertical	Pass
2	5727.187	63.76	4.12	68.2	4.44	Peak	342.00	150	Vertical	Pass

U-NII-2C 11ac20 Low Channel



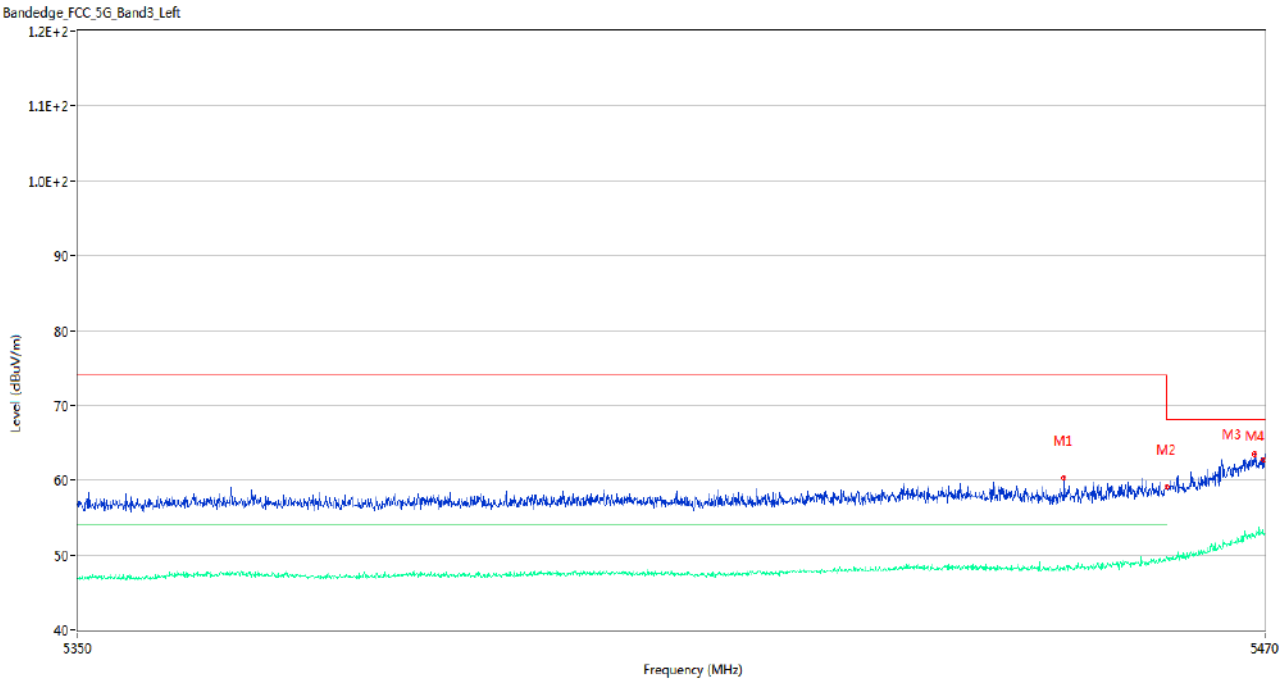
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.200	59.64	4.08	74.0	14.36	Peak	237.00	200	Vertical	Pass
1**	5459.200	47.66	4.08	54.0	6.34	AV	237.00	200	Vertical	Pass
2	5459.980	57.78	4.10	74.0	16.22	Peak	241.00	200	Vertical	Pass
2**	5459.980	47.87	4.10	54.0	6.13	AV	241.00	200	Vertical	Pass
3	5469.640	64.80	4.07	68.2	3.40	Peak	48.00	100	Vertical	Pass
3**	5469.640	53.01	4.07	--	--	AV	48.00	100	Vertical	N/A
4	5469.940	62.30	4.06	68.2	5.90	Peak	112.00	200	Vertical	Pass
4**	5469.940	52.83	4.06	--	--	AV	112.00	200	Vertical	N/A

U-NII-2C 11ac20 High Channel



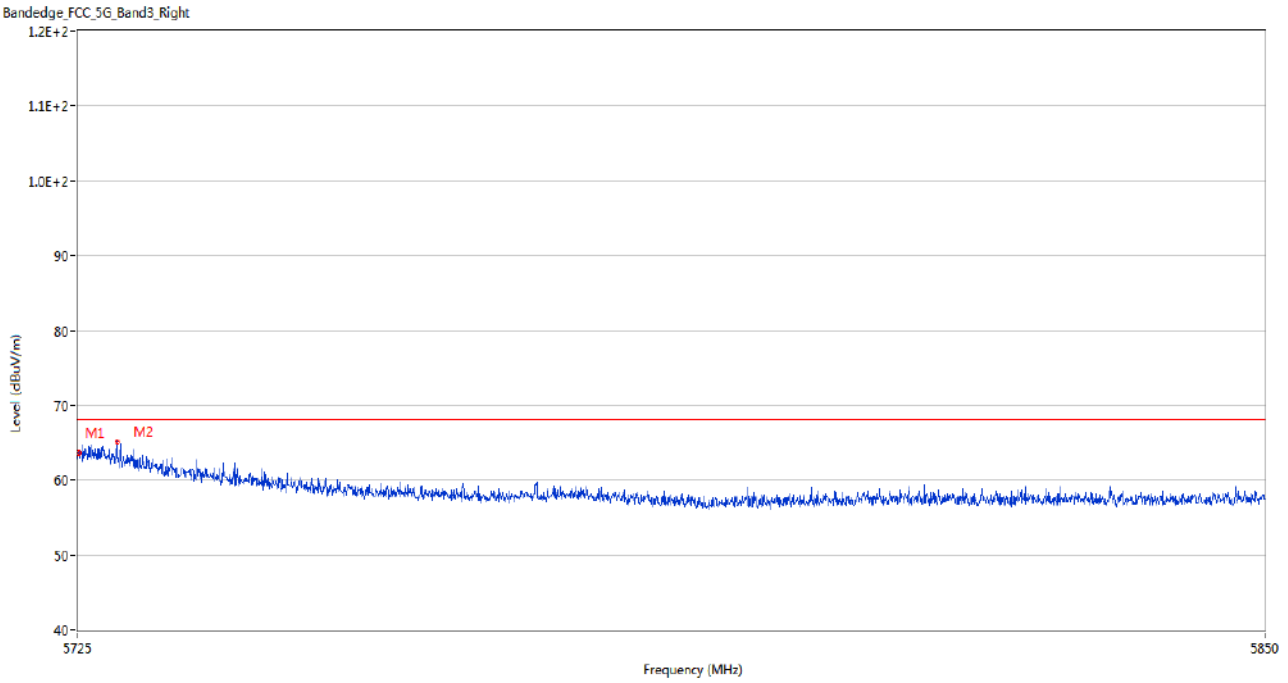
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	63.61	4.12	68.2	4.59	Peak	344.00	100	Vertical	Pass
2	5725.188	63.98	4.12	68.2	4.22	Peak	62.00	100	Vertical	Pass

U-NII-2C 11ac40 Low Channel



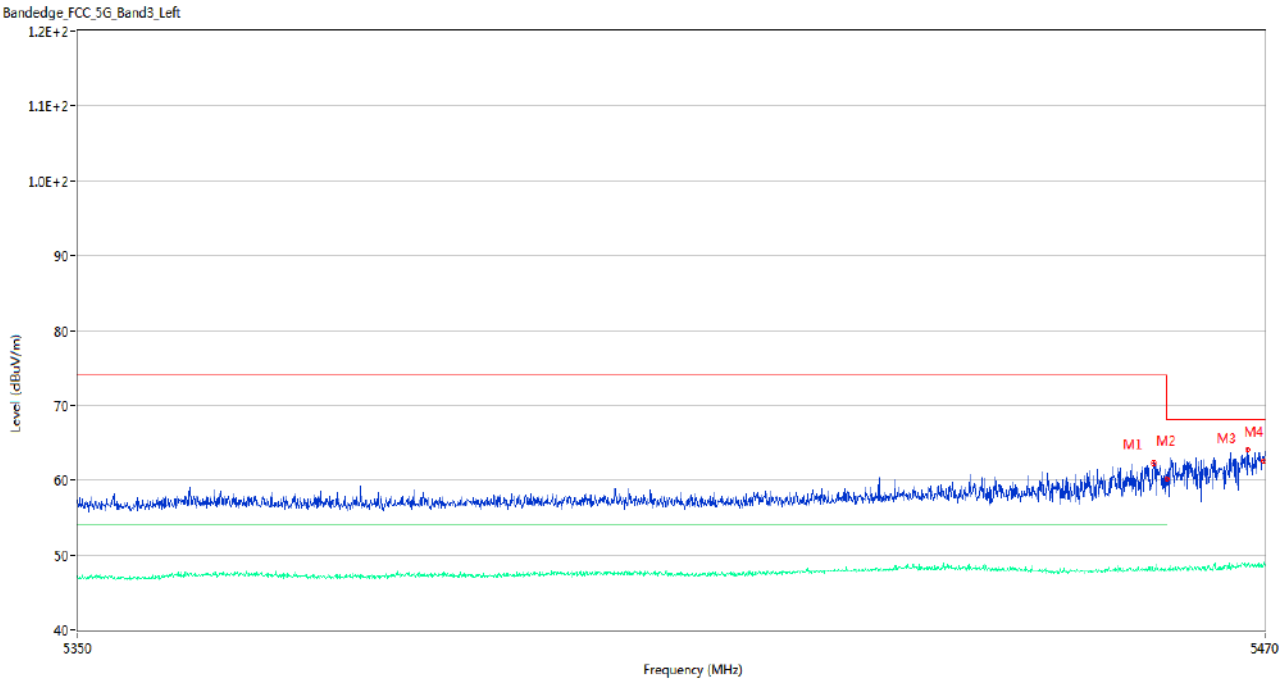
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5449.540	60.32	3.92	74.0	13.68	Peak	257.00	150	Vertical	Pass
1**	5449.540	48.08	3.92	54.0	5.92	AV	257.00	150	Vertical	Pass
2	5459.980	59.08	4.10	74.0	14.92	Peak	68.00	200	Vertical	Pass
2**	5459.980	49.82	4.10	54.0	4.18	AV	68.00	200	Vertical	Pass
3	5468.920	63.52	4.10	68.2	4.68	Peak	68.00	150	Vertical	Pass
3**	5468.920	52.35	4.10	--	--	AV	68.00	150	Vertical	N/A
4	5469.940	62.81	4.06	68.2	5.39	Peak	110.00	100	Vertical	Pass
4**	5469.940	52.76	4.06	--	--	AV	110.00	100	Vertical	N/A

U-NII-2C 11ac40 High Channel



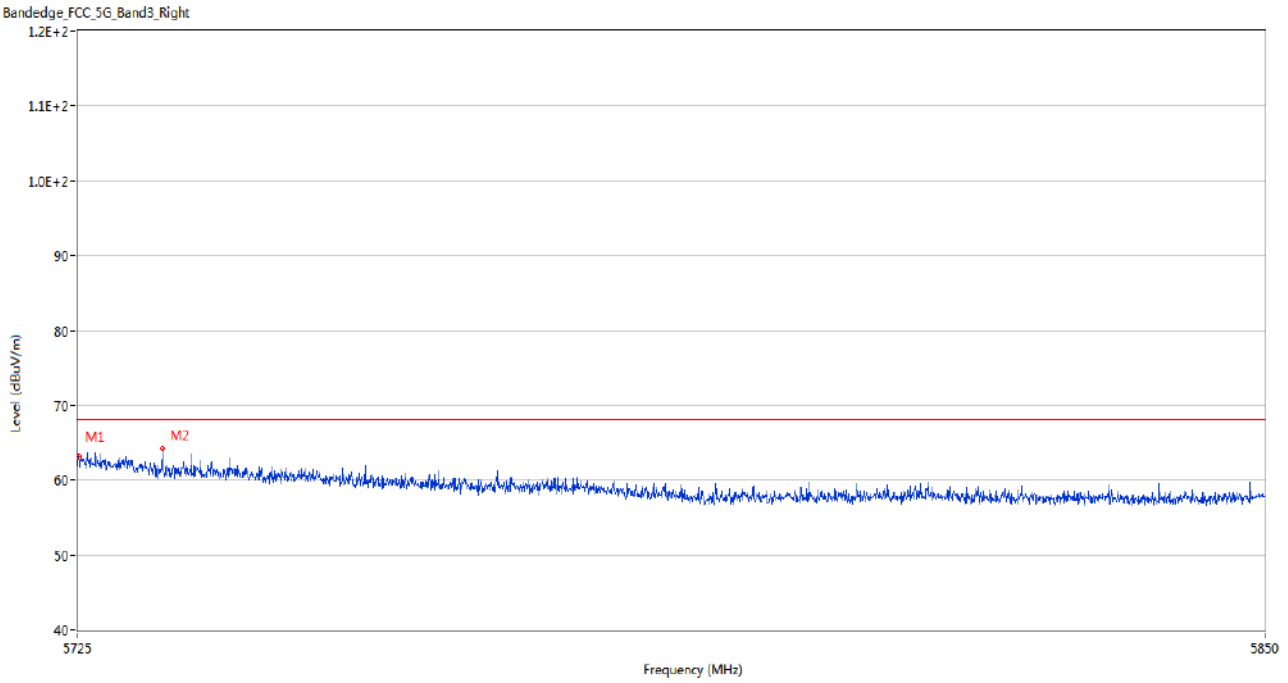
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	63.60	4.12	68.2	4.60	Peak	341.00	100	Vertical	Pass
2	5729.062	65.20	4.11	68.2	3.00	Peak	354.00	200	Vertical	Pass

U-NII-2C 11ac80 Low Channel



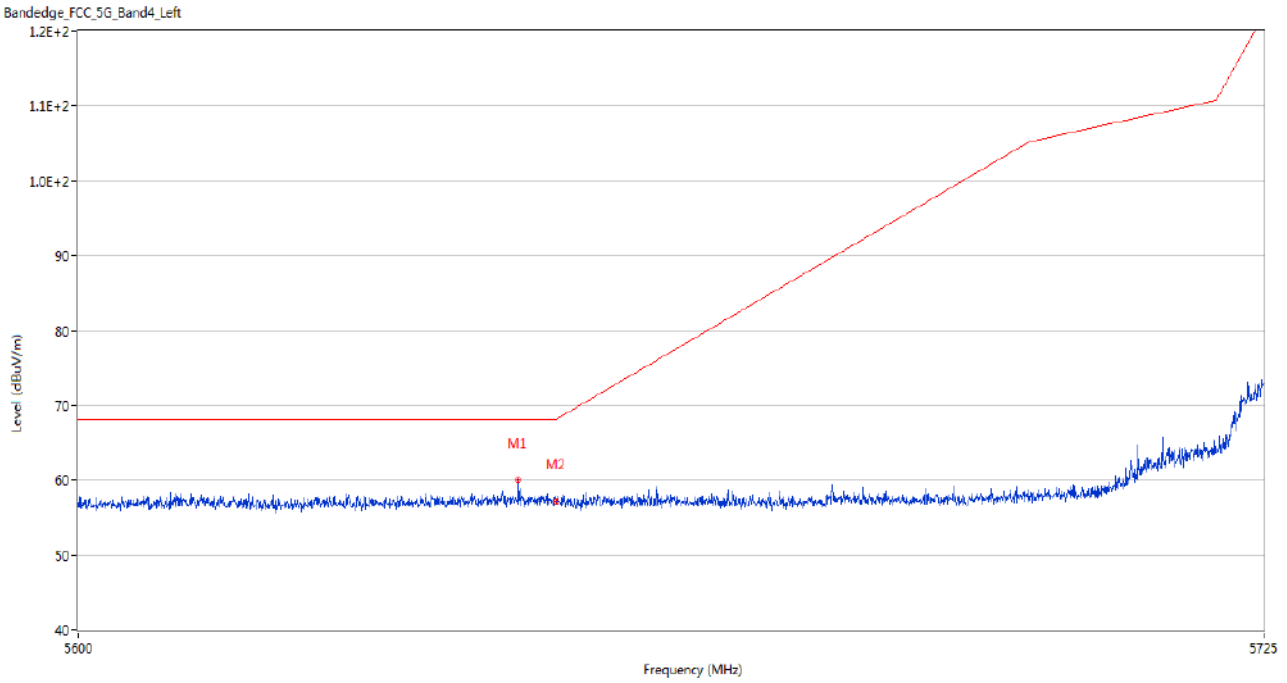
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.660	62.26	4.08	74.0	11.74	Peak	58.00	150	Vertical	Pass
1**	5458.660	47.86	4.08	54.0	6.14	AV	58.00	150	Vertical	Pass
2	5459.980	60.25	4.10	74.0	13.75	Peak	47.00	200	Vertical	Pass
2**	5459.980	47.93	4.10	54.0	6.07	AV	47.00	200	Vertical	Pass
3	5468.260	64.10	4.12	68.2	4.10	Peak	44.00	200	Vertical	Pass
3**	5468.260	48.64	4.12	--	--	AV	44.00	200	Vertical	N/A
4	5469.940	62.62	4.06	68.2	5.58	Peak	53.00	200	Vertical	Pass
4**	5469.940	49.09	4.06	--	--	AV	53.00	200	Vertical	N/A

U-NII-2C 11ac80 High Channel



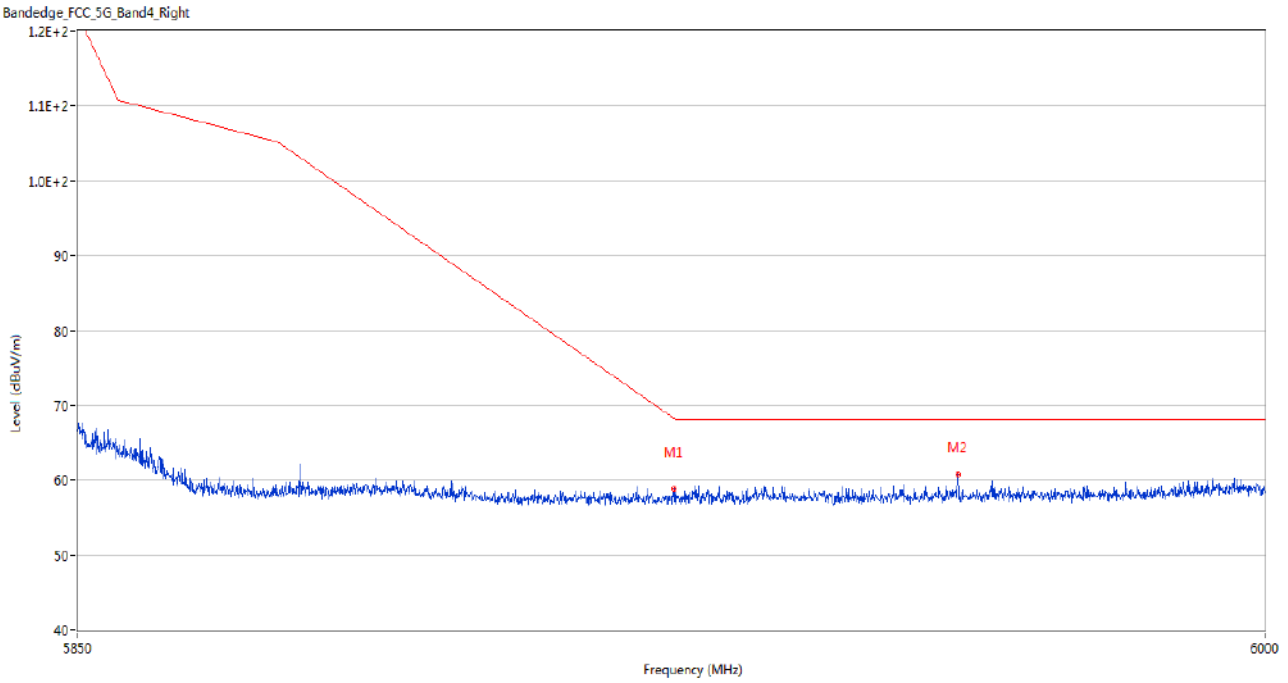
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	63.14	4.12	68.2	5.06	Peak	262.00	150	Vertical	Pass
2	5733.813	64.31	3.69	68.2	3.89	Peak	338.00	150	Vertical	Pass

U-NII-3 11a Low Channel



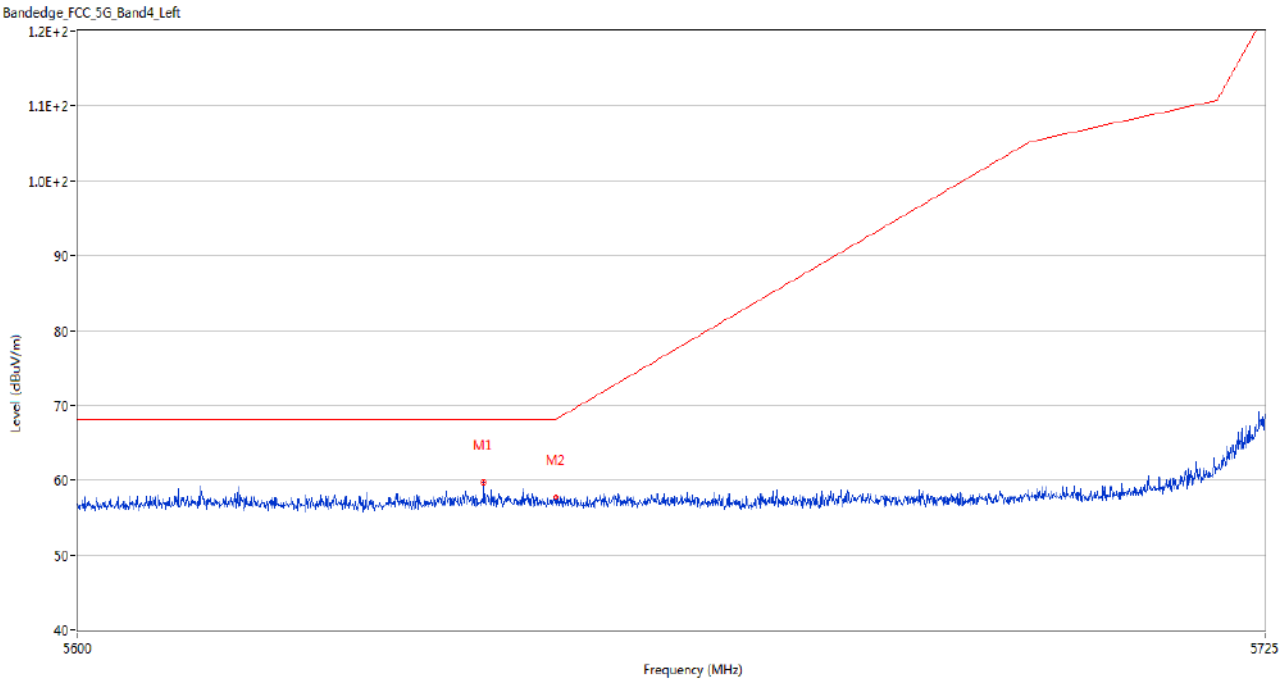
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.063	60.06	3.93	68.2	8.14	Peak	96.00	200	Vertical	Pass
2	5650.000	57.22	3.83	68.2	10.98	Peak	26.00	200	Vertical	Pass

U-NII-3 11a High Channel



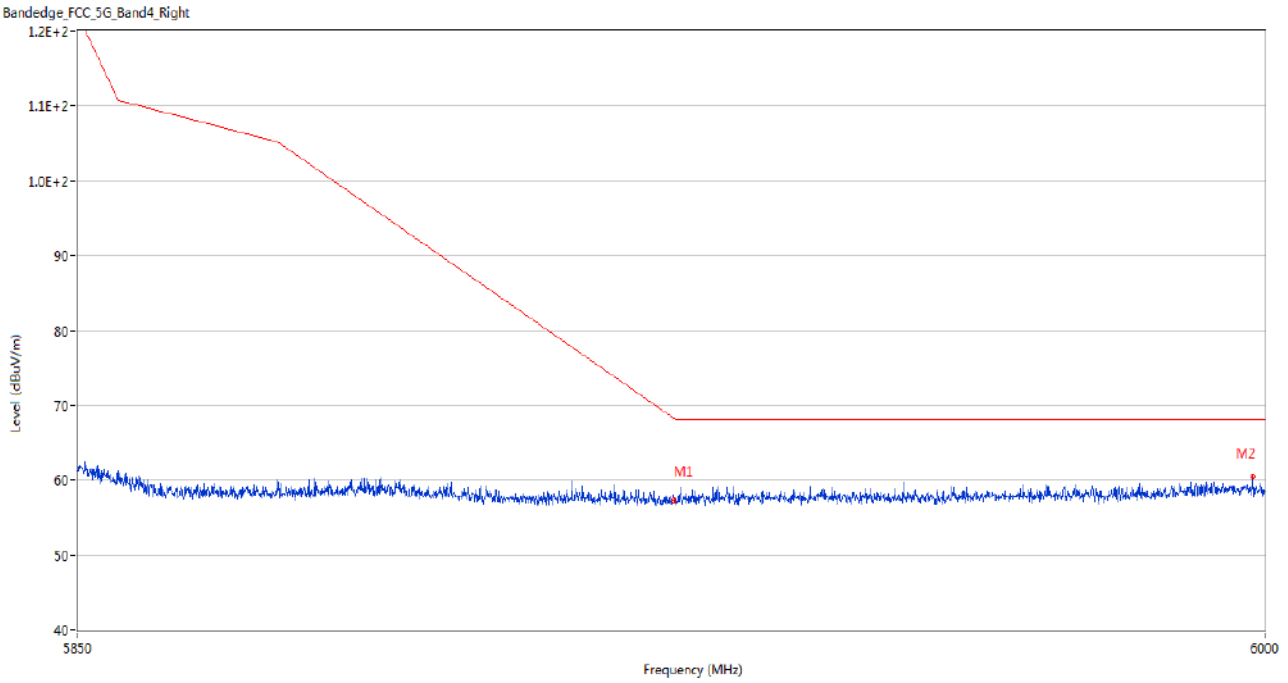
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	58.86	3.64	68.3	9.44	Peak	8.00	100	Vertical	Pass
2	5960.850	60.82	4.50	68.2	7.38	Peak	211.00	200	Vertical	Pass

U-NII-3 11n20 Low Channel



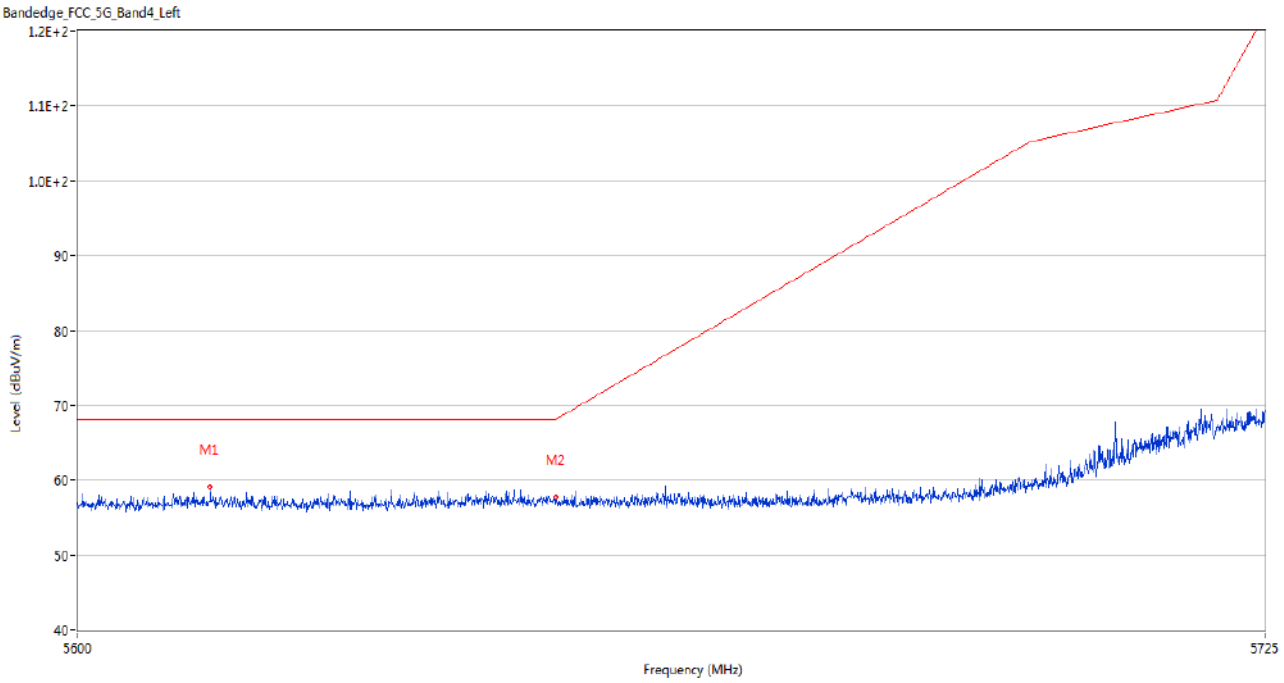
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.438	59.77	3.92	68.2	8.43	Peak	213.00	200	Vertical	Pass
2	5650.000	57.80	3.83	68.2	10.40	Peak	229.00	100	Vertical	Pass

U-NII-3 11n20 High Channel



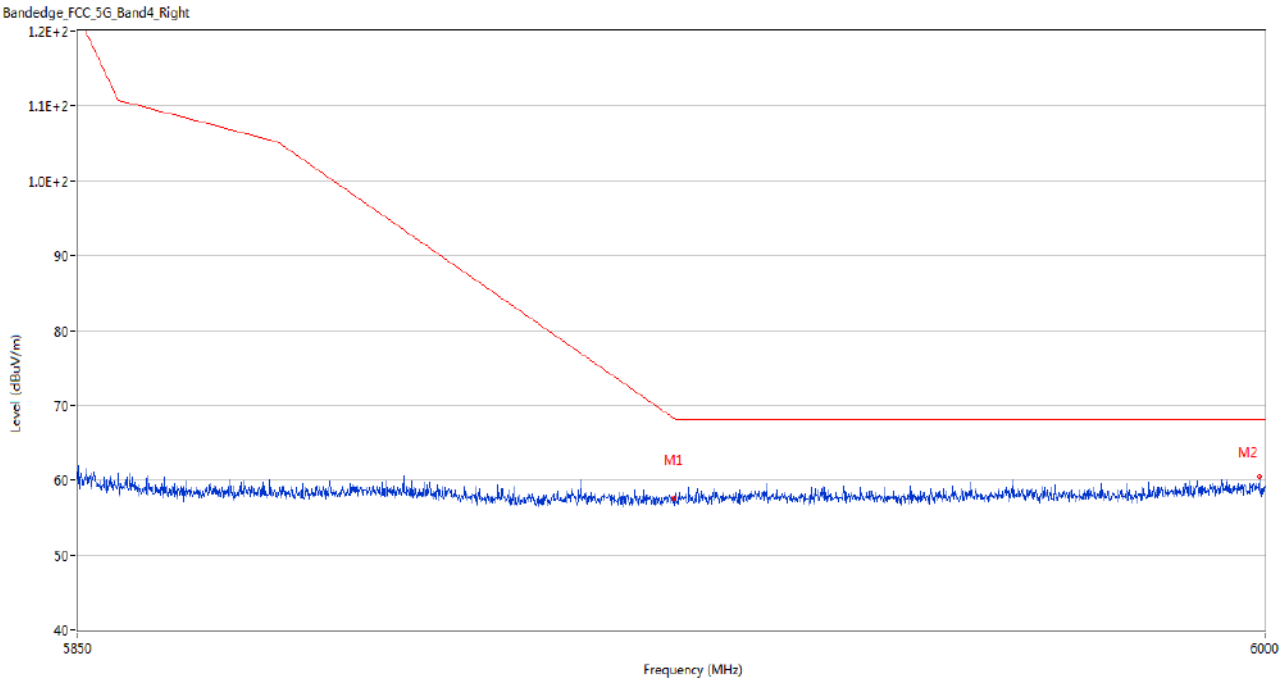
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	57.38	3.64	68.3	10.92	Peak	271.00	200	Vertical	Pass
2	5998.500	60.44	5.79	68.2	7.76	Peak	310.00	100	Vertical	Pass

U-NII-3 11n40 Low Channel



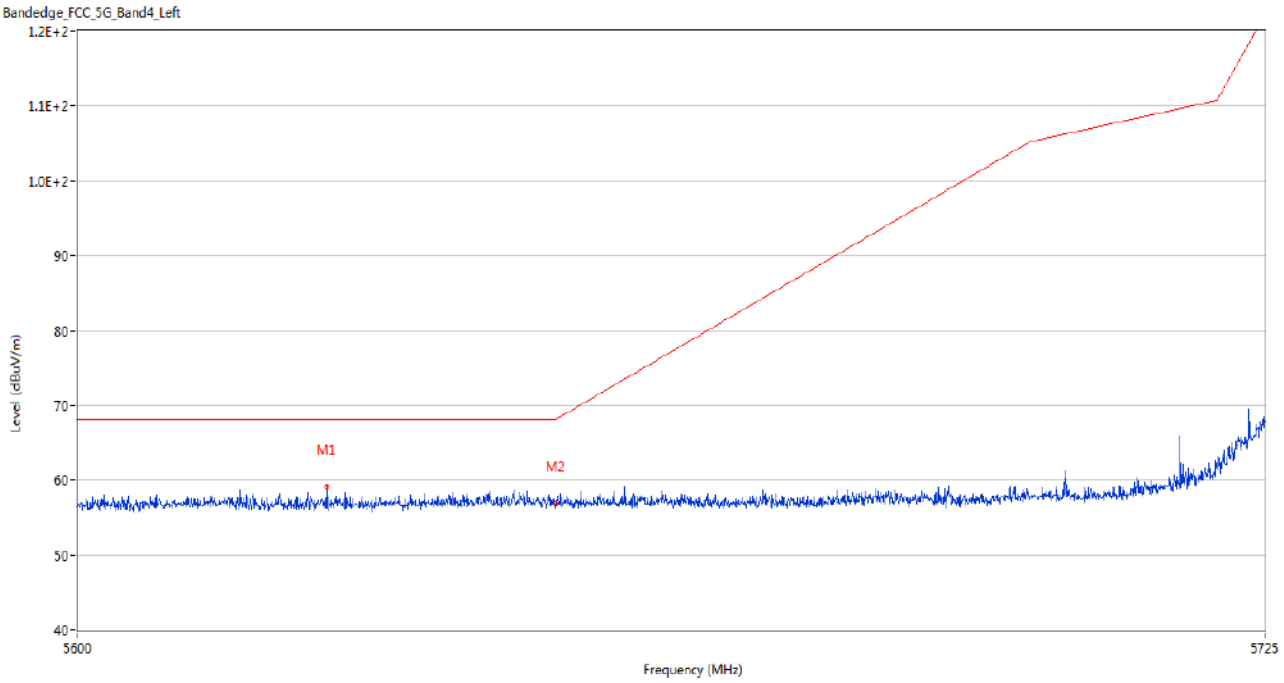
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5613.813	59.15	3.76	68.2	9.05	Peak	195.00	200	Vertical	Pass
2	5650.000	57.82	3.83	68.2	10.38	Peak	4.00	200	Vertical	Pass

U-NII-3 11n40 High Channel



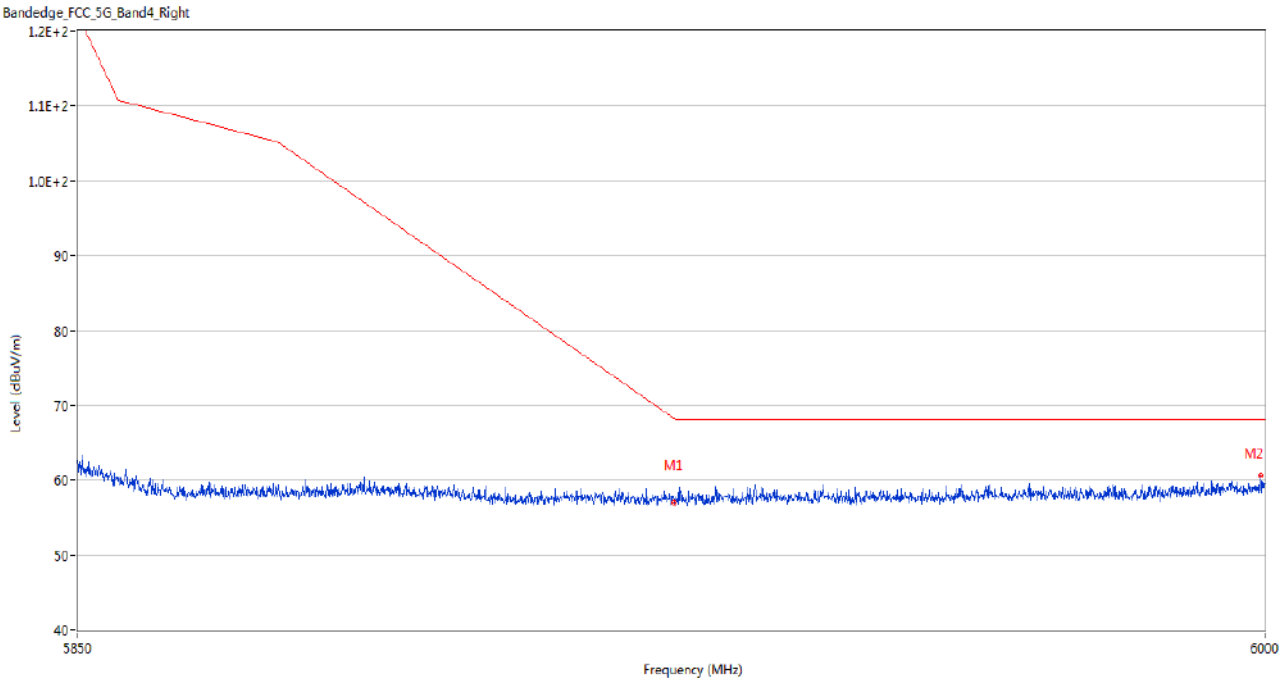
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	57.69	3.64	68.3	10.61	Peak	49.00	100	Vertical	Pass
2	5999.325	60.52	5.79	68.2	7.68	Peak	308.00	200	Vertical	Pass

U-NII-3 11ac20 Low Channel



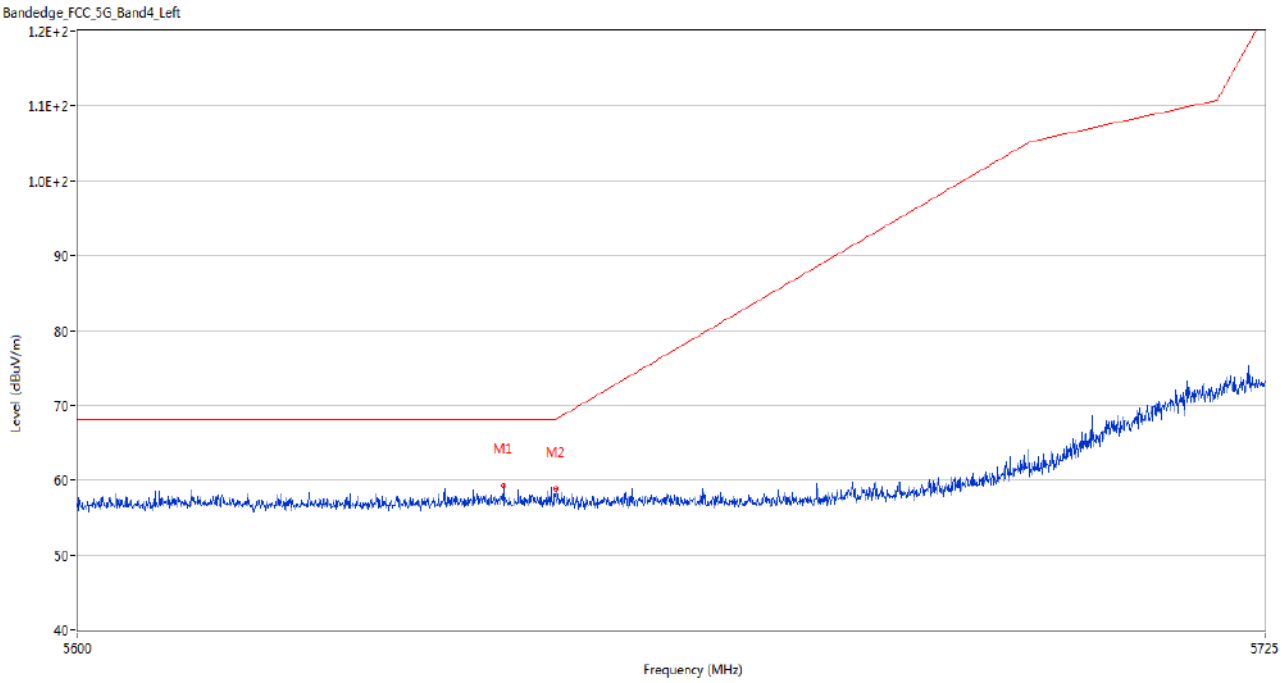
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5626.000	59.12	3.50	68.2	9.08	Peak	208.00	150	Vertical	Pass
2	5650.000	56.43	3.83	68.2	11.77	Peak	136.00	150	Vertical	Pass

U-NII-3 11ac20 High Channel



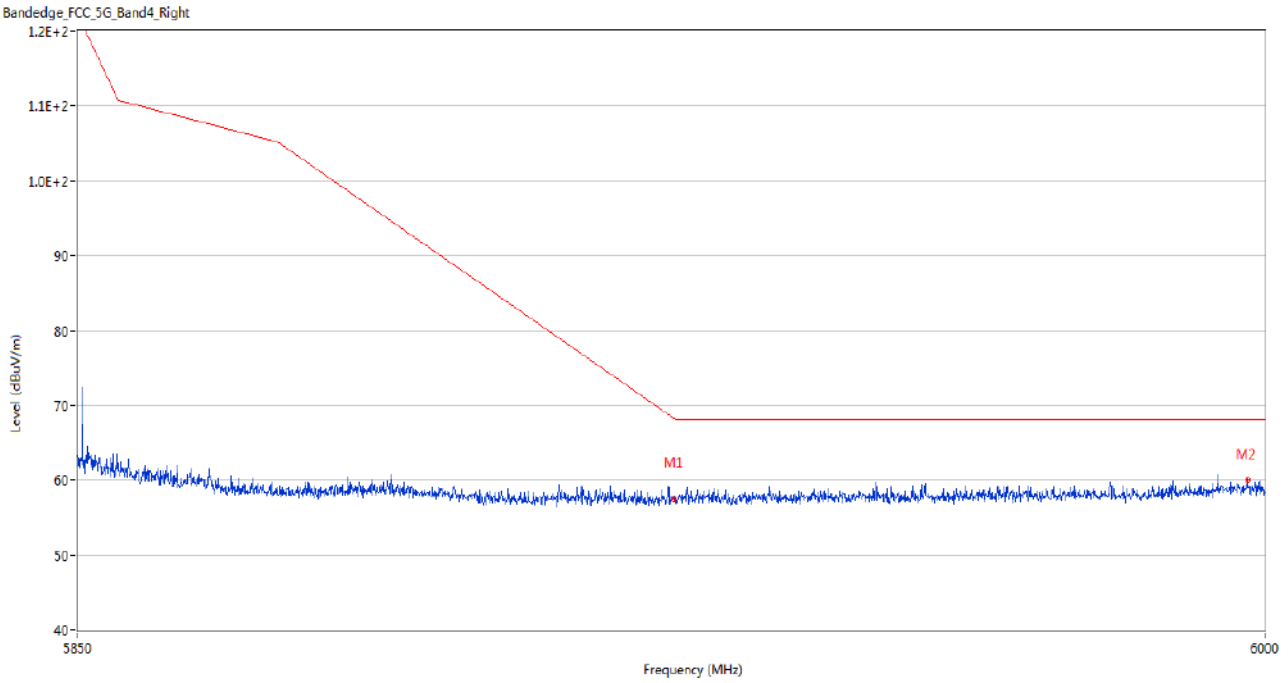
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	56.98	3.64	68.3	11.32	Peak	5.00	150	Vertical	Pass
2	5999.475	60.62	5.78	68.2	7.58	Peak	322.00	200	Vertical	Pass

U-NII-3 11ac40 Low Channel



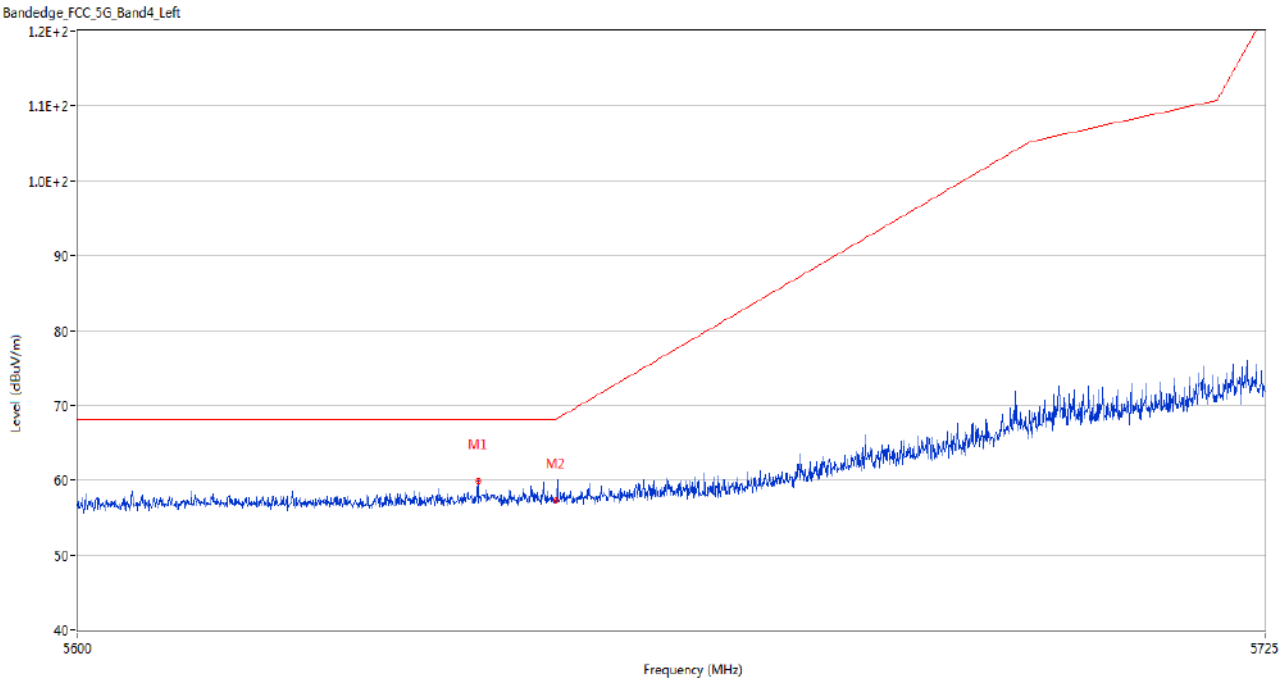
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5644.500	59.25	3.85	68.2	8.95	Peak	266.00	150	Vertical	Pass
2	5650.000	58.79	3.83	68.2	9.41	Peak	86.00	200	Vertical	Pass

U-NII-3 11ac40 High Channel



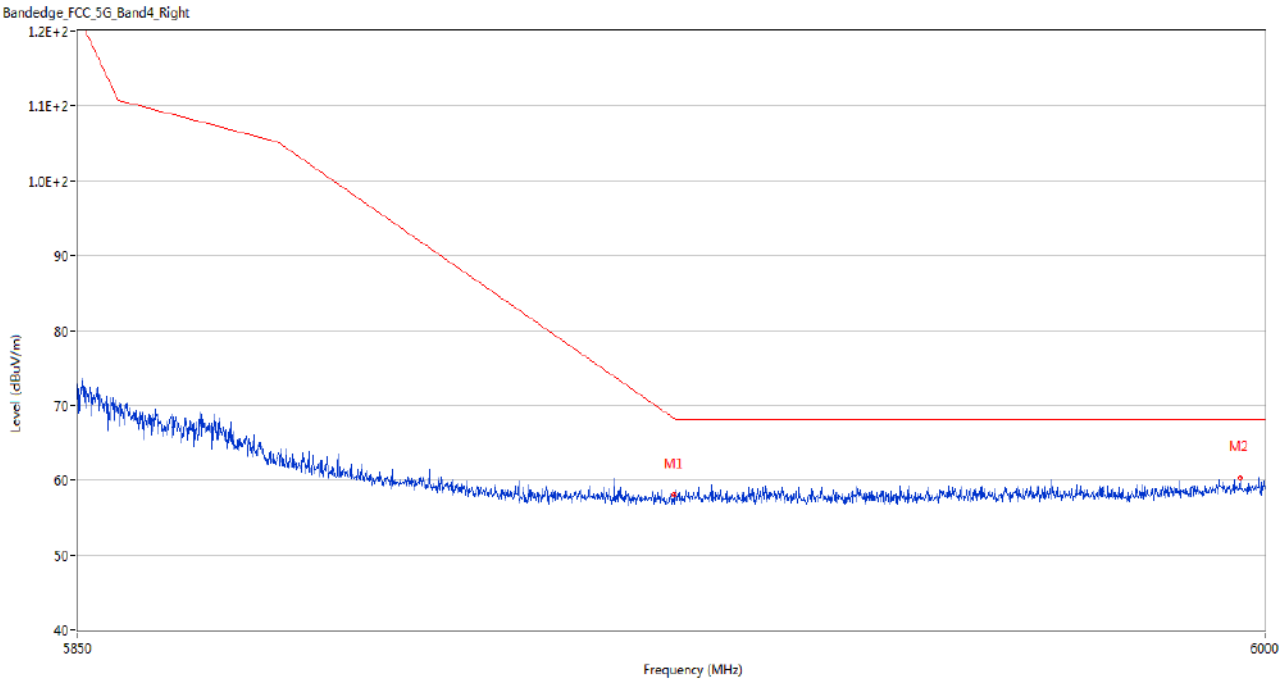
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	57.51	3.64	68.3	10.79	Peak	353.00	150	Vertical	Pass
2	5997.750	59.98	5.73	68.2	8.22	Peak	360.00	150	Vertical	Pass

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	5641.875	59.84	3.93	68.2	8.36	Peak	52.00	150	Vertical	Pass
2	5650.000	57.14	3.83	68.2	11.06	Peak	134.00	150	Vertical	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	58.05	3.64	68.3	10.25	Peak	357.00	200	Vertical	Pass
2	5996.850	60.35	5.66	68.2	7.85	Peak	355.00	200	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2350133-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ250133-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2350133-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the “inspection and testing dedicated stamp” or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--