TEST REPORT

Applicant:	INFINIX MOBILITY LIMITED
Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
Equipment Type:	Mobile phone
Model Name:	X6837
Brand Name:	Infinix
FCC ID:	2AIZN-YYS-X6837
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	Sep. 27, 2023
Test Date:	Oct. 11, 2023 - Nov. 11, 2023
Date of Issue:	Nov. 17, 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	Nov. 17, 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	INFINIX MOBILITY LIMITED
Address	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG

2.2 Manufacturer Information

Manufacturer	INFINIX MOBILITY LIMITED
Address	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile phone
Model Name Under Test	X6837
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	168.6mmx76.6mmx8.25mm
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 MHz 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/13/17/25/26/66 LTE TDD Band 38/41 Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, GPS, GLONASS, BeiDou, Galileo, NFC, FM receiver

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	Portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 47.86 mW U-NII-2A: 48.08 mW U-NII-2C: 51.05 mW U-NII-3: 53.83 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: -1.18 dBi U-NII-2A: 5250 MHz to 5350 MHz: -1.18 dBi U-NII-2C: 5470 MHz to 5725 MHz: -1.18 dBi U-NII-3: 5725 MHz to 5850 MHz: -1.18 dBi
About the Product	The equipment is mobile phone intended for used with information technology equipment.

2.5 Channel List

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

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

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

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

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

For 802.11n(HT40)/ac(VHT40

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

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

For 802.11ac(VHT80)

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

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

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

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

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	54% to 69%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+20.2℃ to +25.0℃
	LT (Low Temperature)	-15.0℃
	HT (High Temperature)	+55.0℃
Working Voltage of the EUT	NV (Normal Voltage)	3.87 V
	LV (Low Voltage)	3.45 V
	HV (High Voltage)	4.45 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2023.05.16	2024.05.15
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2022.12.28	2023.12.27
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2023.09.05	2024.09.04
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2023.06.19	2024.06.18
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2021.05.19	2024.05.08
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2022.02.19	2024.08.15
Amplifier	COM-MV	ZT30-1000M	07210897	2023.09.05	2024.09.04
Amplifier	COM-MV	LSCX_LNA 1-12G-01	7210214	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2022.12.07	2023.12.06
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	00883	2022.04.01	2025.03.31
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	130	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2023.05.16	2024.05.15
Shielded Enclosure	YiHeng Electronic	3.5m*3.1m*	112	2022.02.19	2025.02.18

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
	Co., Ltd	2.8m			

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

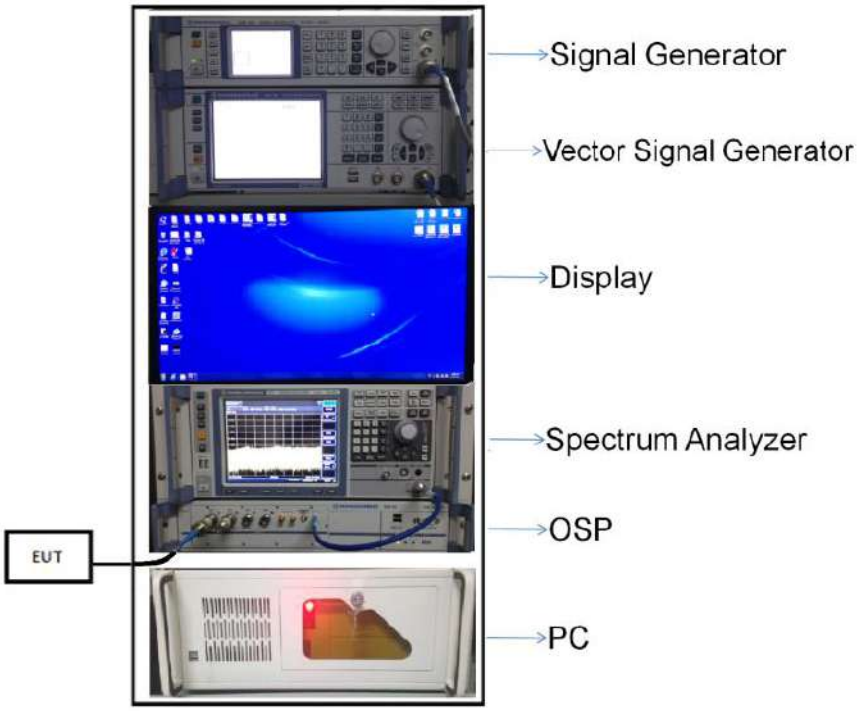
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

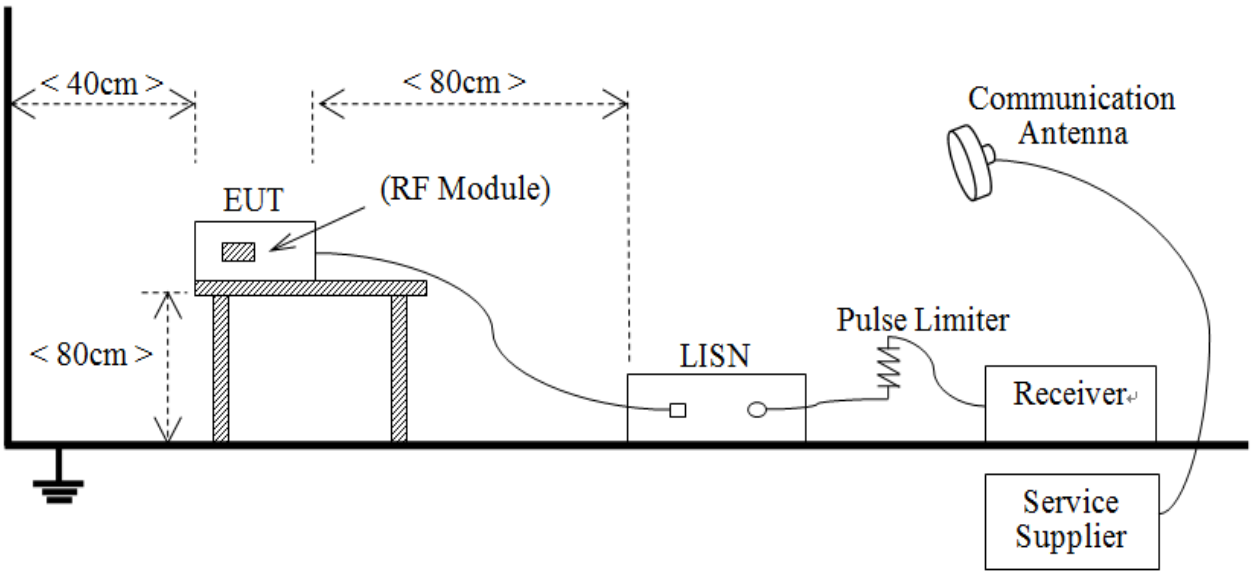
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:
Conducted value (dBm) = 10 dBm + 0.5 dB = 10.5 dBm



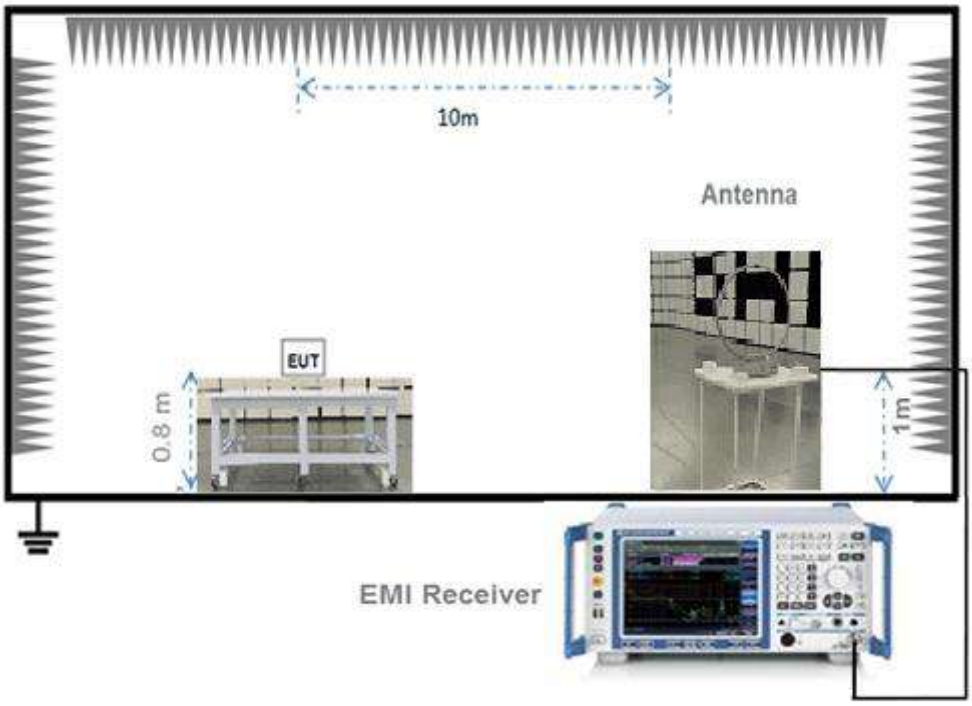
(Diagram 1)

4.5.2 For AC Power Supply Port Test



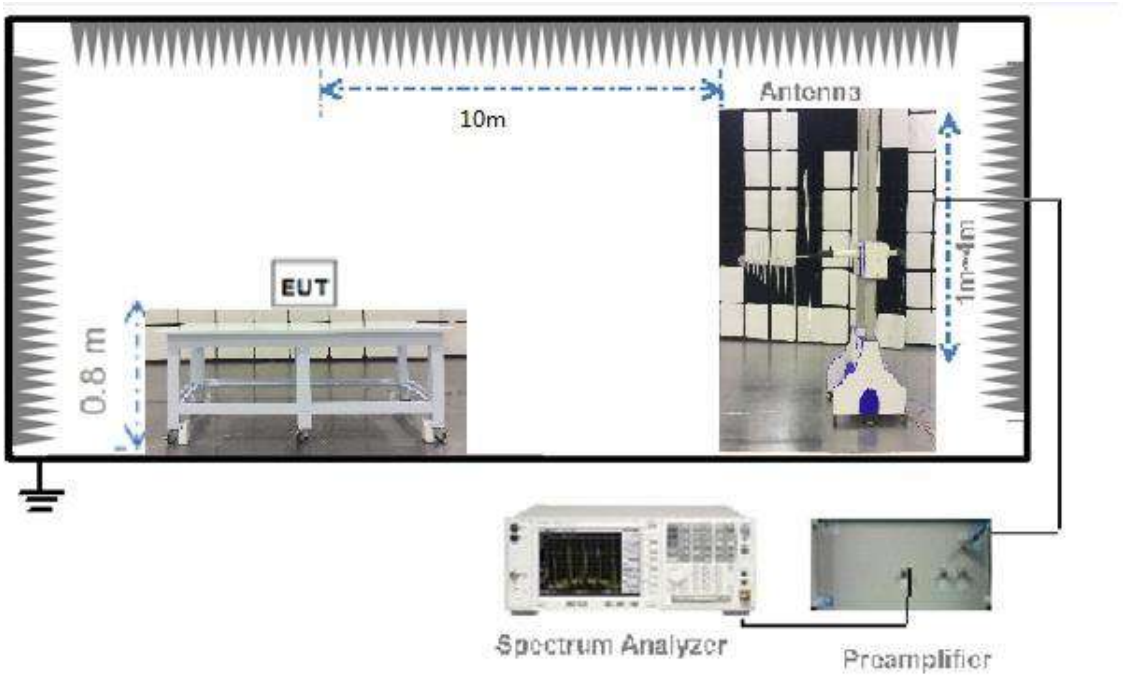
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



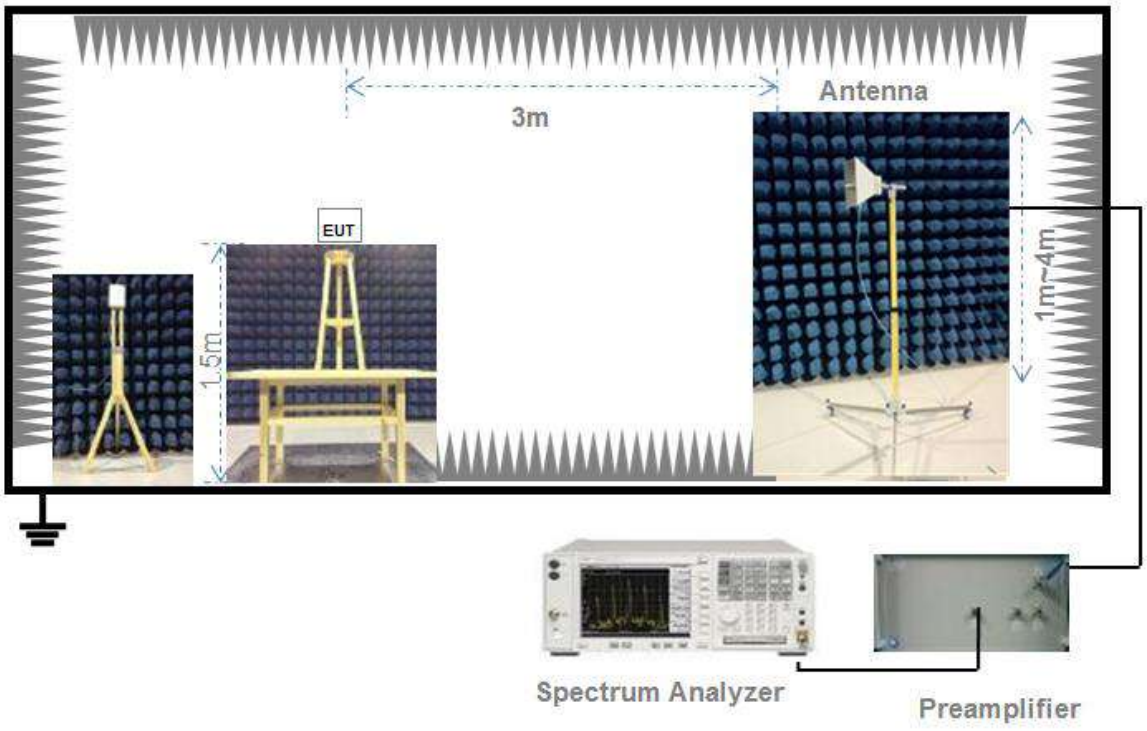
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.

2. Set VBW ≥ 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.

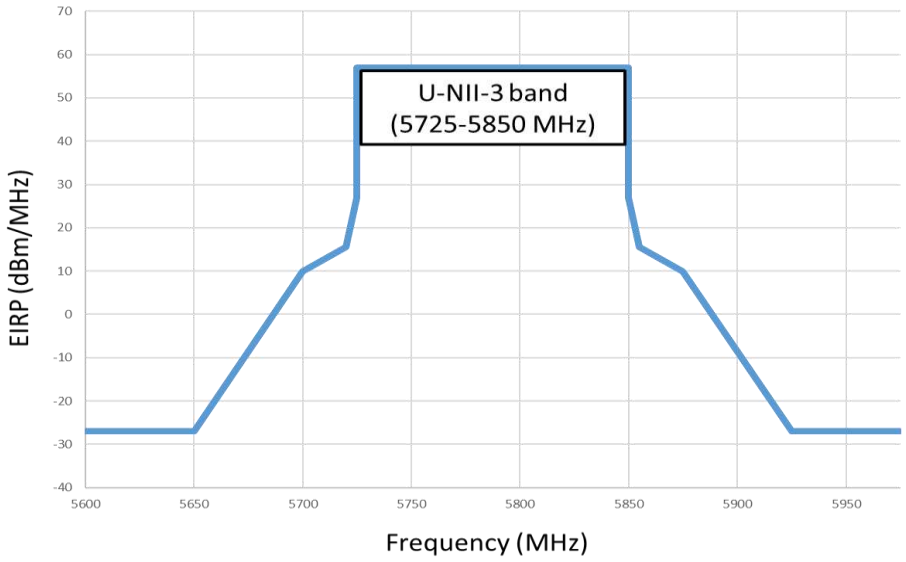
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

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	1.39	1.43	97.55%
11n (HT20)/11ac (VHT20)	1.31	1.35	97.18%
11n (HT40)/11ac (VHT40)	0.65	0.69	94.85%
11ac (VHT80)	0.32	0.36	90.31%

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.17	20.75	250	Pass
11a	CH44	13.27	21.23	250	Pass
11a	CH48	13.28	21.28	250	Pass
11n (HT20)	CH36	13.03	20.09	250	Pass
11n (HT20)	CH44	13.11	20.46	250	Pass
11n (HT20)	CH48	13.19	20.84	250	Pass
11n (HT40)	CH38	13.04	20.14	250	Pass
11n (HT40)	CH46	13.14	20.61	250	Pass
11ac (VHT20)	CH36	13.07	20.28	250	Pass
11ac (VHT20)	CH44	13.05	20.18	250	Pass
11ac (VHT20)	CH48	13.16	20.70	250	Pass
11ac (VHT40)	CH38	13.35	21.63	250	Pass
11ac (VHT40)	CH46	13.07	20.28	250	Pass
11ac (VHT80)	CH42	12.50	17.78	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	13.32	21.48	250	Pass
11a	CH60	13.06	20.23	250	Pass
11a	CH64	13.11	20.46	250	Pass
11n (HT20)	CH52	13.21	20.94	250	Pass
11n (HT20)	CH60	13.37	21.73	250	Pass
11n (HT20)	CH64	13.40	21.88	250	Pass
11n (HT40)	CH54	13.15	20.65	250	Pass
11n (HT40)	CH62	12.62	18.28	250	Pass
11ac (VHT20)	CH52	13.23	21.04	250	Pass
11ac (VHT20)	CH60	13.25	21.13	250	Pass
11ac (VHT20)	CH64	13.35	21.63	250	Pass
11ac (VHT40)	CH54	13.13	20.56	250	Pass
11ac (VHT40)	CH62	13.16	20.70	250	Pass
11ac (VHT80)	CH58	12.21	16.63	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.22	20.99	250	Pass
11a	CH116	13.39	21.83	250	Pass
11a	CH140	13.32	21.48	250	Pass
11n (HT20)	CH100	13.18	20.80	250	Pass
11n (HT20)	CH116	13.35	21.63	250	Pass
11n (HT20)	CH140	13.21	20.94	250	Pass
11n (HT40)	CH102	10.19	10.45	250	Pass
11n (HT40)	CH118	13.34	21.58	250	Pass
11n (HT40)	CH134	13.08	20.32	250	Pass
11ac (VHT20)	CH100	13.13	20.56	250	Pass
11ac (VHT20)	CH116	13.31	21.43	250	Pass
11ac (VHT20)	CH140	13.16	20.70	250	Pass
11ac (VHT40)	CH102	13.11	20.46	250	Pass
11ac (VHT40)	CH118	13.35	21.63	250	Pass
11ac (VHT40)	CH134	13.11	20.46	250	Pass
11ac (VHT80)	CH106	10.54	11.32	250	Pass
11ac (VHT80)	CH122	13.12	20.51	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.36	21.68	1000	Pass
11a	CH157	13.39	21.83	1000	Pass
11a	CH165	13.03	20.09	1000	Pass
11n (HT20)	CH149	13.25	21.13	1000	Pass
11n (HT20)	CH157	13.32	21.48	1000	Pass
11n (HT20)	CH165	13.21	20.94	1000	Pass
11n (HT40)	CH151	13.25	21.13	1000	Pass
11n (HT40)	CH159	13.31	21.43	1000	Pass
11ac (VHT20)	CH149	13.30	21.38	1000	Pass
11ac (VHT20)	CH157	13.15	20.65	1000	Pass
11ac (VHT20)	CH165	13.18	20.80	1000	Pass
11ac (VHT40)	CH151	13.29	21.33	1000	Pass
11ac (VHT40)	CH159	13.32	21.48	1000	Pass
11ac (VHT80)	CH155	13.01	20.00	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2391126-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	30.09	17.06
11a	CH44	27.28	16.71
11a	CH48	25.32	16.69
11n (HT20)	CH36	28.46	17.97
11n (HT20)	CH44	23.38	17.72
11n (HT20)	CH48	23.24	17.70
11n (HT40)	CH38	40.87	36.19
11n (HT40)	CH46	44.66	36.21
11ac (VHT20)	CH36	24.39	17.70
11ac (VHT20)	CH44	23.88	17.71
11ac (VHT20)	CH48	23.91	17.69
11ac (VHT40)	CH38	40.78	36.08
11ac (VHT40)	CH46	41.22	36.16
11ac (VHT80)	CH42	80.94	75.42

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	26.83	16.68
11a	CH60	24.77	16.65
11a	CH64	21.33	16.59
11n (HT20)	CH52	23.66	17.71
11n (HT20)	CH60	24.73	17.71
11n (HT20)	CH64	26.10	17.71
11n (HT40)	CH54	46.49	36.28
11n (HT40)	CH62	40.62	36.15
11ac (VHT20)	CH52	26.33	17.69
11ac (VHT20)	CH60	25.97	17.73
11ac (VHT20)	CH64	24.27	17.69
11ac (VHT40)	CH54	47.41	36.17
11ac (VHT40)	CH62	41.02	36.09
11ac (VHT80)	CH58	81.17	75.38

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	23.53	16.62
11a	CH116	21.27	16.67
11a	CH140	22.25	16.62
11n (HT20)	CH100	21.57	17.67
11n (HT20)	CH116	25.67	17.74
11n (HT20)	CH140	20.39	17.64
11n (HT40)	CH102	40.42	36.10
11n (HT40)	CH118	41.00	36.24
11n (HT40)	CH134	40.73	36.19
11ac (VHT20)	CH100	21.09	17.63
11ac (VHT20)	CH116	25.09	17.73
11ac (VHT20)	CH140	20.48	17.63
11ac (VHT40)	CH102	40.62	36.02
11ac (VHT40)	CH118	45.89	36.16
11ac (VHT40)	CH134	49.94	36.15
11ac (VHT80)	CH106	80.99	75.42
11ac (VHT80)	CH122	120.40	75.69

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	26.24	16.73
11a	CH157	25.02	16.70
11a	CH165	24.06	16.69
11n (HT20)	CH149	25.79	17.72
11n (HT20)	CH157	24.11	17.74
11n (HT20)	CH165	24.58	17.72
11n (HT40)	CH151	41.02	36.25
11n (HT40)	CH159	40.69	36.20
11ac (VHT20)	CH149	24.36	17.72
11ac (VHT20)	CH157	29.97	17.77
11ac (VHT20)	CH165	26.47	17.78
11ac (VHT40)	CH151	48.89	36.12
11ac (VHT40)	CH159	41.06	36.12
11ac (VHT80)	CH155	126.00	75.65

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2391126-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.20	500.00	Pass
11a	CH157	15.20	500.00	Pass
11a	CH165	15.20	500.00	Pass
11n (HT20)	CH149	15.20	500.00	Pass
11n (HT20)	CH157	15.20	500.00	Pass
11n (HT20)	CH165	15.25	500.00	Pass
11n (HT40)	CH151	35.20	500.00	Pass
11n (HT40)	CH159	35.20	500.00	Pass
11ac (VHT20)	CH149	15.20	500.00	Pass
11ac (VHT20)	CH157	15.20	500.00	Pass
11ac (VHT20)	CH165	15.20	500.00	Pass
11ac (VHT40)	CH151	35.20	500.00	Pass
11ac (VHT40)	CH159	35.20	500.00	Pass
11ac (VHT80)	CH155	75.20	500.00	Pass

A.4 Power Spectral Density

Note [1]: Test plots please refer to the document “Annex No.: BL-SZ2391126-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.06	11.00	Pass
11a	CH44	2.55	11.00	Pass
11a	CH48	2.54	11.00	Pass
11n (HT20)	CH36	2.69	11.00	Pass
11n (HT20)	CH44	2.62	11.00	Pass
11n (HT20)	CH48	2.72	11.00	Pass
11n (HT40)	CH38	-0.58	11.00	Pass
11n (HT40)	CH46	-0.29	11.00	Pass
11ac (VHT20)	CH36	2.24	11.00	Pass
11ac (VHT20)	CH44	2.65	11.00	Pass
11ac (VHT20)	CH48	2.77	11.00	Pass
11ac (VHT40)	CH38	-0.11	11.00	Pass
11ac (VHT40)	CH46	-0.23	11.00	Pass
11ac (VHT80)	CH42	-3.99	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	2.66	11.00	Pass
11a	CH60	2.94	11.00	Pass
11a	CH64	3.00	11.00	Pass
11n (HT20)	CH52	2.48	11.00	Pass
11n (HT20)	CH60	2.63	11.00	Pass
11n (HT20)	CH64	3.17	11.00	Pass
11n (HT40)	CH54	-0.99	11.00	Pass
11n (HT40)	CH62	-0.80	11.00	Pass
11ac (VHT20)	CH52	2.33	11.00	Pass
11ac (VHT20)	CH60	2.97	11.00	Pass
11ac (VHT20)	CH64	2.57	11.00	Pass
11ac (VHT40)	CH54	-0.05	11.00	Pass
11ac (VHT40)	CH62	0.19	11.00	Pass
11ac (VHT80)	CH58	-3.69	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.84	11.00	Pass
11a	CH116	2.75	11.00	Pass
11a	CH140	2.67	11.00	Pass
11n (HT20)	CH100	3.09	11.00	Pass
11n (HT20)	CH116	3.01	11.00	Pass
11n (HT20)	CH140	2.29	11.00	Pass
11n (HT40)	CH102	-1.46	11.00	Pass
11n (HT40)	CH118	0.10	11.00	Pass
11n (HT40)	CH134	-0.52	11.00	Pass
11ac (VHT20)	CH100	2.51	11.00	Pass
11ac (VHT20)	CH116	2.51	11.00	Pass
11ac (VHT20)	CH140	2.34	11.00	Pass
11ac (VHT40)	CH102	0.17	11.00	Pass
11ac (VHT40)	CH118	0.19	11.00	Pass
11ac (VHT40)	CH134	-0.47	11.00	Pass
11ac (VHT80)	CH106	-4.91	11.00	Pass
11ac (VHT80)	CH122	-3.31	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	0.13	30.00	Pass
11a	CH157	-0.50	30.00	Pass
11a	CH165	-0.15	30.00	Pass
11n (HT20)	CH149	-0.26	30.00	Pass
11n (HT20)	CH157	-0.34	30.00	Pass
11n (HT20)	CH165	0.03	30.00	Pass
11n (HT40)	CH151	-3.18	30.00	Pass
11n (HT40)	CH159	-3.19	30.00	Pass
11ac (VHT20)	CH149	-0.14	30.00	Pass
11ac (VHT20)	CH157	-0.92	30.00	Pass
11ac (VHT20)	CH165	-0.38	30.00	Pass
11ac (VHT40)	CH151	-3.11	30.00	Pass
11ac (VHT40)	CH159	-3.28	30.00	Pass
11ac (VHT80)	CH155	-6.48	30.00	Pass

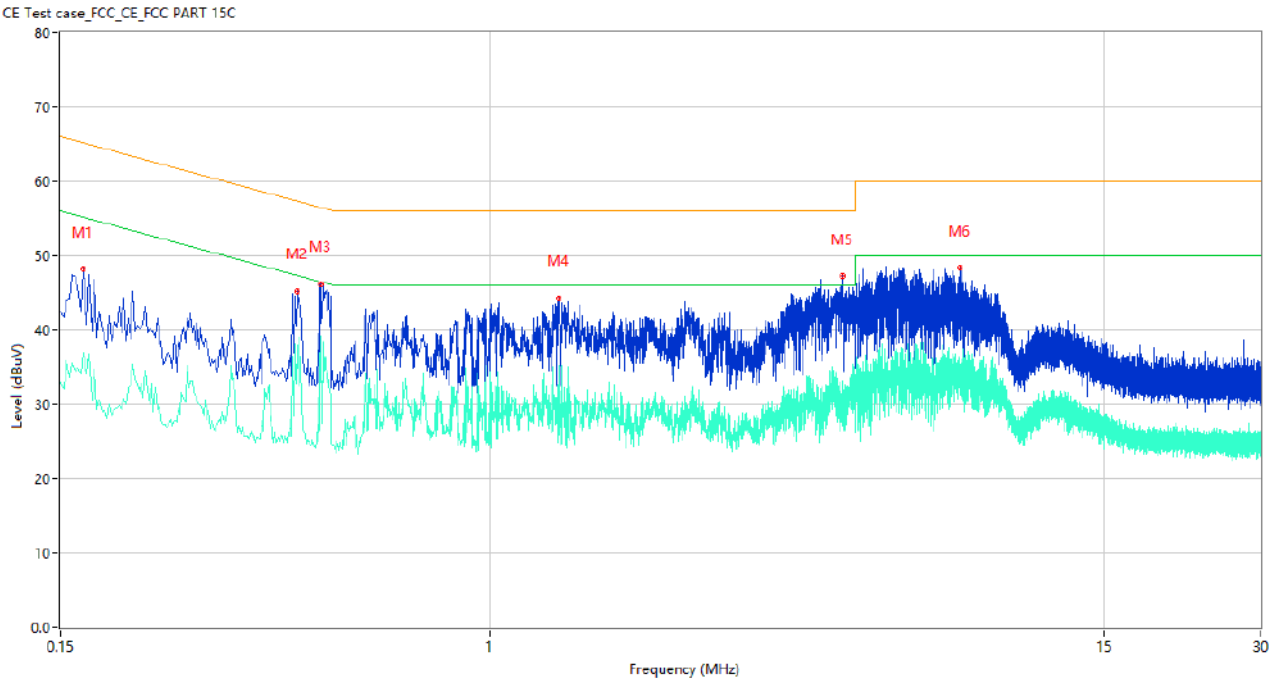
A.5 Conducted Emissions

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.

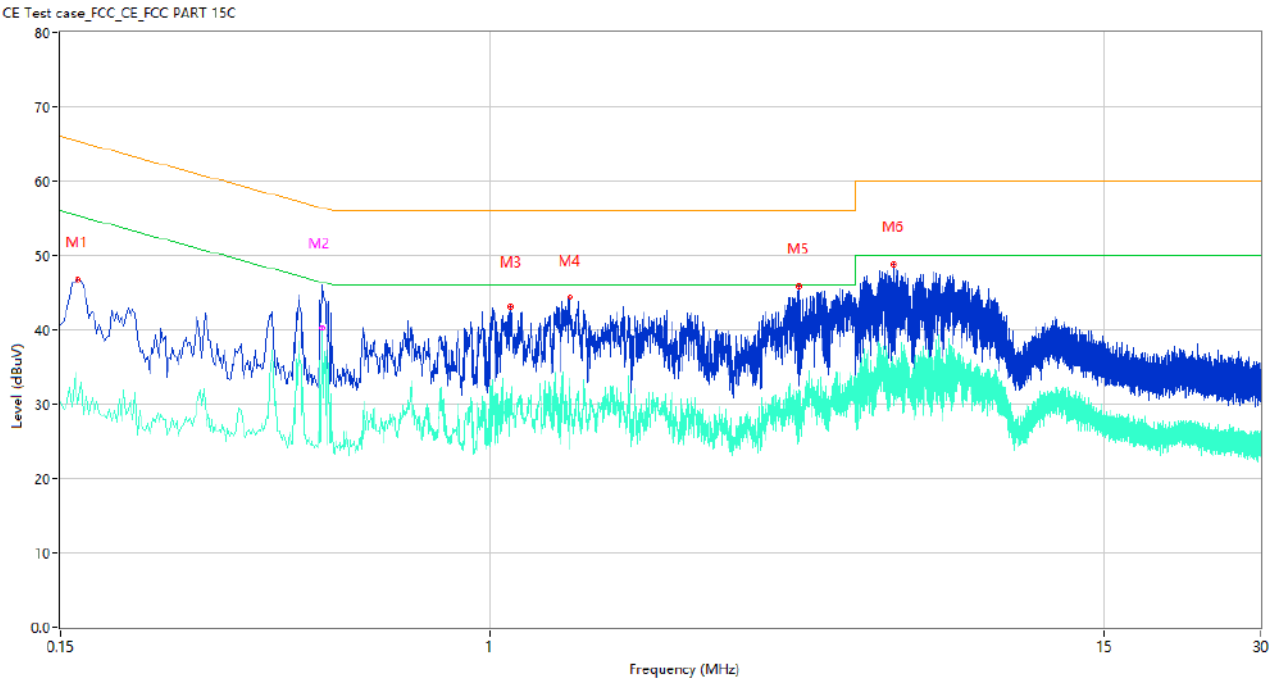
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.166	48.21	9.78	65.16	16.95	Peak	L	Pass
1**	0.166	36.96	9.78	55.16	18.20	AV	L	Pass
2	0.426	45.32	10.28	57.33	12.01	Peak	L	Pass
2**	0.426	36.82	10.28	47.33	10.51	AV	L	Pass
3	0.474	46.22	10.00	56.44	10.22	Peak	L	Pass
3**	0.474	39.13	10.00	46.44	7.31	AV	L	Pass
4	1.350	44.36	10.01	56.00	11.64	Peak	L	Pass
4**	1.350	35.17	10.01	46.00	10.83	AV	L	Pass
5	4.738	47.24	10.12	56.00	8.76	Peak	L	Pass
5**	4.738	31.52	10.12	46.00	14.48	AV	L	Pass
6	7.932	48.39	10.34	60.00	11.61	Peak	L	Pass
6**	7.932	34.01	10.34	50.00	15.99	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.162	46.86	9.78	65.36	18.50	Peak	N	Pass
1**	0.162	29.93	9.78	55.36	25.43	AV	N	Pass
2	0.476	46.00	10.00	56.41	10.41	Peak	N	Pass
2**	0.476	40.28	10.00	46.41	6.13	AV	N	Pass
3	1.094	43.19	10.01	56.00	12.81	Peak	N	Pass
3**	1.094	30.67	10.01	46.00	15.33	AV	N	Pass
4	1.418	44.40	9.86	56.00	11.60	Peak	N	Pass
4**	1.418	27.31	9.86	46.00	18.69	AV	N	Pass
5	3.894	45.88	10.33	56.00	10.12	Peak	N	Pass
5**	3.894	30.51	10.33	46.00	15.49	AV	N	Pass
6	5.940	48.91	10.26	60.00	11.09	Peak	N	Pass
6**	5.940	29.86	10.26	50.00	20.14	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.

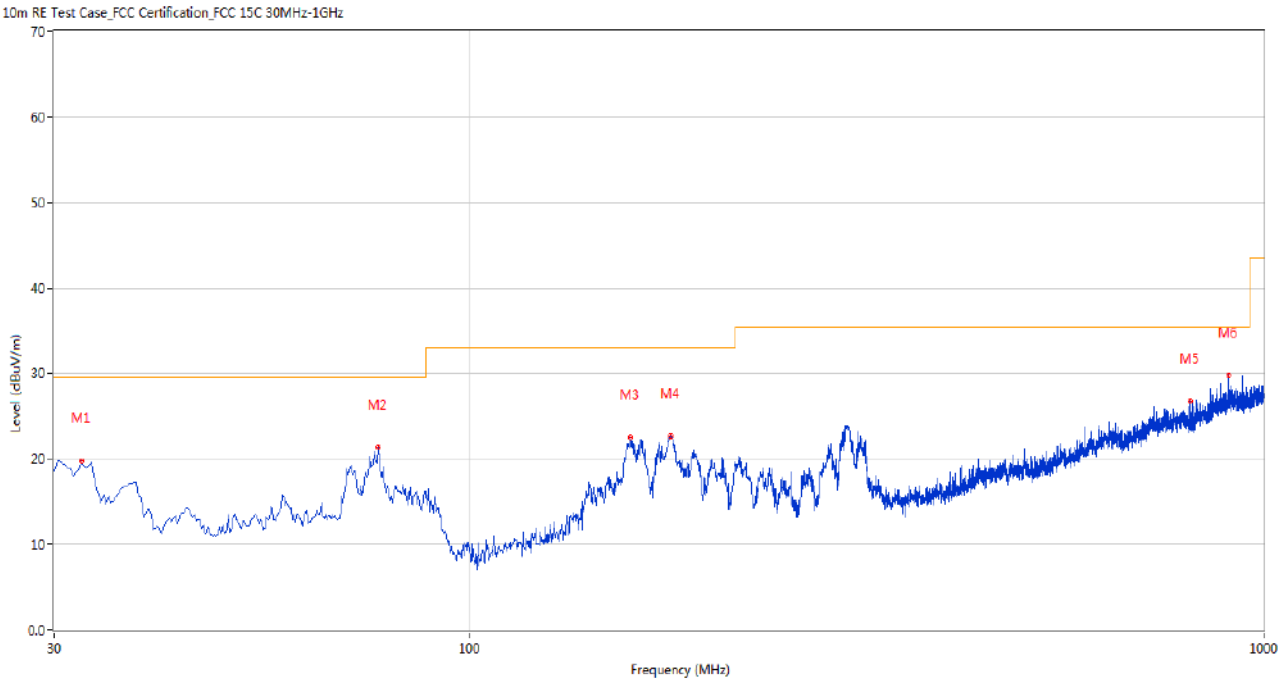
Note [2]: For the test data above 1 GHz，According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

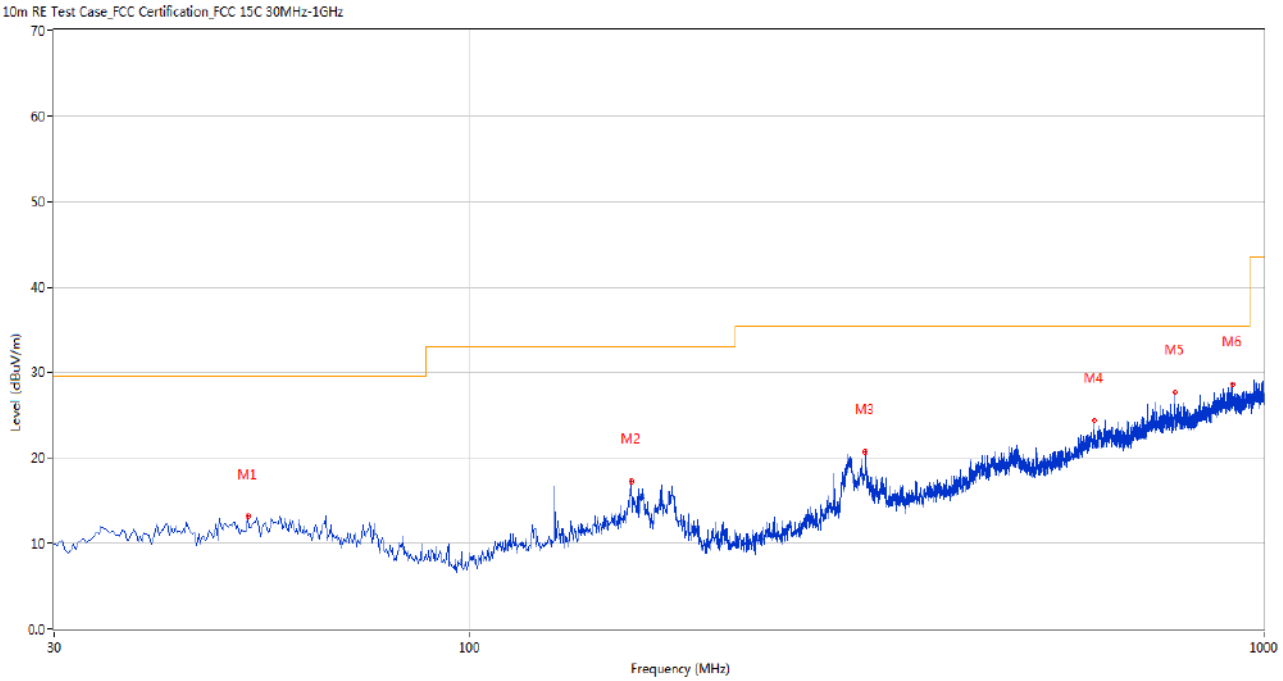
Test Data and Plots

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	32.424	19.76	-27.47	29.5	9.74	Peak	6.00	100	Vertical	Pass
2	76.791	21.33	-29.63	29.5	8.17	Peak	183.00	200	Vertical	Pass
3	159.463	22.56	-25.86	33.0	10.44	Peak	266.00	100	Vertical	Pass
4	179.100	22.63	-27.16	33.0	10.37	Peak	127.00	100	Vertical	Pass
5	807.261	26.70	-13.36	35.5	8.80	Peak	257.00	100	Vertical	Pass
6	903.752	29.76	-10.84	35.5	5.74	Peak	186.00	100	Vertical	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	52.547	13.12	-26.06	29.5	16.38	Peak	254.00	200	Horizontal	Pass
2	159.705	17.26	-25.86	33.0	15.74	Peak	276.00	200	Horizontal	Pass
3	315.109	20.66	-24.49	35.5	14.84	Peak	276.00	200	Horizontal	Pass
4	611.127	24.33	-16.50	35.5	11.17	Peak	112.00	200	Horizontal	Pass
5	772.107	27.73	-12.98	35.5	7.77	Peak	174.00	200	Horizontal	Pass
6	913.934	28.59	-10.57	35.5	6.91	Peak	245.00	200	Horizontal	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	1411.900	38.11	-17.47	74.0	35.89	Peak	87.00	200	Horizontal	Pass
1**	1411.900	29.18	-17.47	54.0	24.82	AV	87.00	200	Horizontal	Pass
2	2809.700	44.77	-10.84	74.0	29.23	Peak	229.00	300	Horizontal	Pass
2**	2809.700	35.19	-10.84	54.0	18.81	AV	229.00	300	Horizontal	Pass
3	4264.400	48.65	-4.80	74.0	25.35	Peak	294.00	150	Horizontal	Pass
3**	4264.400	39.02	-4.80	54.0	14.98	AV	294.00	150	Horizontal	Pass
4	5177.800	109.22	-3.15	--	--	Peak	105.00	100	Horizontal	N/A
4**	5177.800	101.95	-3.15	--	--	AV	105.00	100	Horizontal	N/A
5	8288.287	46.53	-2.66	74.0	27.47	Peak	260.00	200	Horizontal	Pass
5**	8288.287	42.80	-2.66	54.0	11.20	AV	260.00	200	Horizontal	Pass
6	11669.576	51.37	2.48	74.0	22.63	Peak	312.00	200	Horizontal	Pass
6**	11669.576	42.23	2.48	54.0	11.77	AV	312.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1323.100	38.88	-17.58	74.0	35.12	Peak	118.00	300	Vertical	Pass
1**	1323.100	28.96	-17.58	54.0	25.04	AV	118.00	300	Vertical	Pass
2	2819.200	44.25	-10.62	74.0	29.75	Peak	269.00	100	Vertical	Pass
2**	2819.200	34.56	-10.62	54.0	19.44	AV	269.00	100	Vertical	Pass
3	4294.600	48.58	-4.83	74.0	25.42	Peak	169.00	200	Vertical	Pass
3**	4294.600	39.85	-4.83	54.0	14.15	AV	169.00	200	Vertical	Pass
4	5177.800	98.70	-3.15	--	--	Peak	358.00	100	Vertical	N/A
4**	5177.800	90.66	-3.15	--	--	AV	358.00	100	Vertical	N/A
5	7546.537	48.48	-1.58	74.0	25.52	Peak	270.00	200	Vertical	Pass
5**	7546.537	39.88	-1.58	54.0	14.12	AV	270.00	200	Vertical	Pass
6	12196.850	51.32	2.51	74.0	22.68	Peak	166.00	200	Vertical	Pass
6**	12196.850	41.65	2.51	54.0	12.35	AV	166.00	200	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	1410.800	38.24	-17.46	74.0	35.76	Peak	301.00	200	Horizontal	Pass
1**	1410.800	28.74	-17.46	54.0	25.26	AV	301.00	200	Horizontal	Pass
2	2810.200	44.73	-10.84	74.0	29.27	Peak	214.00	300	Horizontal	Pass
2**	2810.200	34.82	-10.84	54.0	19.18	AV	214.00	300	Horizontal	Pass
3	4281.000	48.26	-4.77	74.0	25.74	Peak	30.00	150	Horizontal	Pass
3**	4281.000	38.93	-4.77	54.0	15.07	AV	30.00	150	Horizontal	Pass
4	5221.400	109.70	-3.42	--	--	Peak	112.00	100	Horizontal	N/A
4**	5221.400	102.41	-3.42	--	--	AV	112.00	100	Horizontal	N/A
5	8352.400	46.56	-2.37	74.0	27.44	Peak	40.00	150	Horizontal	Pass
5**	8352.400	43.76	-2.37	54.0	10.24	AV	40.00	150	Horizontal	Pass
6	12236.237	51.33	2.63	74.0	22.67	Peak	113.00	100	Horizontal	Pass
6**	12236.237	42.60	2.63	54.0	11.40	AV	113.00	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	1412.300	38.55	-17.47	74.0	35.45	Peak	202.00	400	Vertical	Pass
1**	1412.300	29.56	-17.47	54.0	24.44	AV	202.00	400	Vertical	Pass
2	2740.000	44.86	-10.68	74.0	29.14	Peak	60.00	200	Vertical	Pass
2**	2740.000	34.49	-10.68	54.0	19.51	AV	60.00	200	Vertical	Pass
3	4301.600	48.23	-4.89	74.0	25.77	Peak	157.00	200	Vertical	Pass
3**	4301.600	39.60	-4.89	54.0	14.40	AV	157.00	200	Vertical	Pass
4	5221.200	98.71	-3.42	--	--	Peak	0.00	400	Vertical	N/A
4**	5221.200	91.54	-3.42	--	--	AV	0.00	400	Vertical	N/A
5	7546.250	48.60	-1.58	74.0	25.40	Peak	187.00	200	Vertical	Pass
5**	7546.250	39.53	-1.58	54.0	14.47	AV	187.00	200	Vertical	Pass
6	12216.401	51.29	2.59	74.0	22.71	Peak	116.00	300	Vertical	Pass
6**	12216.401	42.10	2.59	54.0	11.90	AV	116.00	300	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	1373.200	37.97	-17.55	74.0	36.03	Peak	275.00	300	Horizontal	Pass
1**	1373.200	29.29	-17.55	54.0	24.71	AV	275.00	300	Horizontal	Pass
2	2808.700	44.29	-10.87	74.0	29.71	Peak	202.00	100	Horizontal	Pass
2**	2808.700	34.56	-10.87	54.0	19.44	AV	202.00	100	Horizontal	Pass
3	4263.200	48.93	-4.82	74.0	25.07	Peak	330.00	150	Horizontal	Pass
3**	4263.200	39.51	-4.82	54.0	14.49	AV	330.00	150	Horizontal	Pass
4	5241.800	109.28	-3.71	--	--	Peak	81.00	300	Horizontal	N/A
4**	5241.800	101.96	-3.71	--	--	AV	81.00	300	Horizontal	N/A
5	8384.312	46.95	-2.10	74.0	27.05	Peak	323.00	100	Horizontal	Pass
5**	8384.312	42.80	-2.10	54.0	11.20	AV	323.00	100	Horizontal	Pass
6	12328.813	51.76	2.15	74.0	22.24	Peak	145.00	300	Horizontal	Pass
6**	12328.813	41.80	2.15	54.0	12.20	AV	145.00	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	1379.000	37.96	-17.51	74.0	36.04	Peak	118.00	200	Vertical	Pass
1**	1379.000	28.70	-17.51	54.0	25.30	AV	118.00	200	Vertical	Pass
2	2820.800	43.93	-10.59	74.0	30.07	Peak	227.00	150	Vertical	Pass
2**	2820.800	36.39	-10.59	54.0	17.61	AV	227.00	150	Vertical	Pass
3	4214.200	48.25	-4.88	74.0	25.75	Peak	360.00	150	Vertical	Pass
3**	4214.200	38.98	-4.88	54.0	15.02	AV	360.00	150	Vertical	Pass
4	5238.400	98.58	-3.65	--	--	Peak	1.00	400	Vertical	N/A
4**	5238.400	90.88	-3.65	--	--	AV	1.00	400	Vertical	N/A
5	8384.312	45.34	-2.10	74.0	28.66	Peak	353.00	200	Vertical	Pass
5**	8384.312	41.98	-2.10	54.0	12.02	AV	353.00	200	Vertical	Pass
6	11679.350	51.29	2.44	74.0	22.71	Peak	89.00	100	Vertical	Pass
6**	11679.350	42.21	2.44	54.0	11.79	AV	89.00	100	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	1418.700	38.00	-17.55	74.0	36.00	Peak	313.00	400	Horizontal	Pass
1**	1418.700	28.83	-17.55	54.0	25.17	AV	313.00	400	Horizontal	Pass
2	2759.200	43.63	-11.02	74.0	30.37	Peak	307.00	200	Horizontal	Pass
2**	2759.200	34.84	-11.02	54.0	19.16	AV	307.00	200	Horizontal	Pass
3	4149.000	48.28	-5.24	74.0	25.72	Peak	23.00	150	Horizontal	Pass
3**	4149.000	38.15	-5.24	54.0	15.85	AV	23.00	150	Horizontal	Pass
4	5178.600	108.82	-3.14	--	--	Peak	102.00	100	Horizontal	N/A
4**	5178.600	101.21	-3.14	--	--	AV	102.00	100	Horizontal	N/A
5	8288.000	45.73	-2.66	74.0	28.27	Peak	260.00	150	Horizontal	Pass
5**	8288.000	41.01	-2.66	54.0	12.99	AV	260.00	150	Horizontal	Pass
6	12237.963	51.48	2.64	74.0	22.52	Peak	239.00	300	Horizontal	Pass
6**	12237.963	42.76	2.64	54.0	11.24	AV	239.00	300	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	1387.000	38.03	-17.45	74.0	35.97	Peak	169.00	200	Vertical	Pass
1**	1387.000	28.84	-17.45	54.0	25.16	AV	169.00	200	Vertical	Pass
2	2735.500	43.89	-10.77	74.0	30.11	Peak	202.00	100	Vertical	Pass
2**	2735.500	34.63	-10.77	54.0	19.37	AV	202.00	100	Vertical	Pass
3	4282.200	49.30	-4.72	74.0	24.70	Peak	140.00	150	Vertical	Pass
3**	4282.200	39.77	-4.72	54.0	14.23	AV	140.00	150	Vertical	Pass
4	5177.400	97.37	-3.15	--	--	Peak	356.00	300	Vertical	N/A
4**	5177.400	89.82	-3.15	--	--	AV	356.00	300	Vertical	N/A
5	7399.912	49.00	-1.61	74.0	25.00	Peak	145.00	100	Vertical	Pass
5**	7399.912	39.21	-1.61	54.0	14.79	AV	145.00	100	Vertical	Pass
6	11685.675	51.41	2.41	74.0	22.59	Peak	354.00	400	Vertical	Pass
6**	11685.675	42.09	2.41	54.0	11.91	AV	354.00	400	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	1322.200	38.01	-17.54	74.0	35.99	Peak	49.00	400	Horizontal	Pass
1**	1322.200	29.32	-17.54	54.0	24.68	AV	49.00	400	Horizontal	Pass
2	2796.500	44.28	-11.14	74.0	29.72	Peak	283.00	150	Horizontal	Pass
2**	2796.500	34.56	-11.14	54.0	19.44	AV	283.00	150	Horizontal	Pass
3	4294.600	48.73	-4.83	74.0	25.27	Peak	158.00	150	Horizontal	Pass
3**	4294.600	38.93	-4.83	54.0	15.07	AV	158.00	150	Horizontal	Pass
4	5222.400	108.96	-3.45	--	--	Peak	108.00	200	Horizontal	N/A
4**	5222.400	100.92	-3.45	--	--	AV	108.00	200	Horizontal	N/A
5	8352.400	48.20	-2.37	74.0	25.80	Peak	321.00	150	Horizontal	Pass
5**	8352.400	42.34	-2.37	54.0	11.66	AV	321.00	150	Horizontal	Pass
6	12254.063	51.20	2.63	74.0	22.80	Peak	1.00	400	Horizontal	Pass
6**	12254.063	42.32	2.63	54.0	11.68	AV	1.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1378.100	38.02	-17.54	74.0	35.98	Peak	107.00	200	Vertical	Pass
1**	1378.100	28.92	-17.54	54.0	25.08	AV	107.00	200	Vertical	Pass
2	2840.900	44.25	-10.82	74.0	29.75	Peak	228.00	200	Vertical	Pass
2**	2840.900	33.94	-10.82	54.0	20.06	AV	228.00	200	Vertical	Pass
3	4296.400	48.79	-4.90	74.0	25.21	Peak	236.00	150	Vertical	Pass
3**	4296.400	38.98	-4.90	54.0	15.02	AV	236.00	150	Vertical	Pass
4	5221.200	97.62	-3.42	--	--	Peak	1.00	400	Vertical	N/A
4**	5221.200	91.19	-3.42	--	--	AV	1.00	400	Vertical	N/A
5	7402.788	49.26	-1.66	74.0	24.74	Peak	0.00	200	Vertical	Pass
5**	7402.788	39.29	-1.66	54.0	14.71	AV	0.00	200	Vertical	Pass
6	12257.512	51.06	2.60	74.0	22.94	Peak	218.00	100	Vertical	Pass
6**	12257.512	42.17	2.60	54.0	11.83	AV	218.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1388.500	39.33	-17.44	74.0	34.67	Peak	353.00	200	Horizontal	Pass
1**	1388.500	28.76	-17.44	54.0	25.24	AV	353.00	200	Horizontal	Pass
2	2868.800	44.05	-10.60	74.0	29.95	Peak	83.00	300	Horizontal	Pass
2**	2868.800	34.37	-10.60	54.0	19.63	AV	83.00	300	Horizontal	Pass
3	4285.600	48.94	-4.72	74.0	25.06	Peak	16.00	100	Horizontal	Pass
3**	4285.600	39.26	-4.72	54.0	14.74	AV	16.00	100	Horizontal	Pass
4	5238.000	109.23	-3.65	--	--	Peak	104.00	200	Horizontal	N/A
4**	5238.000	100.96	-3.65	--	--	AV	104.00	200	Horizontal	N/A
5	8384.026	47.60	-2.09	74.0	26.40	Peak	322.00	150	Horizontal	Pass
5**	8384.026	43.89	-2.09	54.0	10.11	AV	322.00	150	Horizontal	Pass
6	11671.012	51.50	2.47	74.0	22.50	Peak	311.00	100	Horizontal	Pass
6**	11671.012	42.22	2.47	54.0	11.78	AV	311.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1311.400	38.03	-17.44	74.0	35.97	Peak	60.00	300	Vertical	Pass
1**	1311.400	29.35	-17.44	54.0	24.65	AV	60.00	300	Vertical	Pass
2	2735.900	44.30	-10.77	74.0	29.70	Peak	293.00	400	Vertical	Pass
2**	2735.900	35.14	-10.77	54.0	18.86	AV	293.00	400	Vertical	Pass
3	4196.800	48.56	-5.26	74.0	25.44	Peak	81.00	150	Vertical	Pass
3**	4196.800	38.39	-5.26	54.0	15.61	AV	81.00	150	Vertical	Pass
4	5239.200	97.24	-3.67	--	--	Peak	146.00	400	Vertical	N/A
4**	5239.200	90.84	-3.67	--	--	AV	146.00	400	Vertical	N/A
5	7397.613	48.55	-1.65	74.0	25.45	Peak	1.00	150	Vertical	Pass
5**	7397.613	38.91	-1.65	54.0	15.09	AV	1.00	150	Vertical	Pass
6	12231.638	51.40	2.62	74.0	22.60	Peak	227.00	300	Vertical	Pass
6**	12231.638	41.93	2.62	54.0	12.07	AV	227.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1357.900	38.22	-17.60	74.0	35.78	Peak	144.00	400	Horizontal	Pass
1**	1357.900	28.53	-17.60	54.0	25.47	AV	144.00	400	Horizontal	Pass
2	2870.600	43.91	-10.59	74.0	30.09	Peak	90.00	300	Horizontal	Pass
2**	2870.600	35.40	-10.59	54.0	18.60	AV	90.00	300	Horizontal	Pass
3	4293.000	49.38	-4.77	74.0	24.62	Peak	65.00	200	Horizontal	Pass
3**	4293.000	40.15	-4.77	54.0	13.85	AV	65.00	200	Horizontal	Pass
4	5187.800	103.98	-3.16	--	--	Peak	102.00	100	Horizontal	N/A
4**	5187.800	95.81	-3.16	--	--	AV	102.00	100	Horizontal	N/A
5	8304.388	46.37	-2.76	74.0	27.63	Peak	258.00	150	Horizontal	Pass
5**	8304.388	42.43	-2.76	54.0	11.57	AV	258.00	150	Horizontal	Pass
6	12213.812	51.35	2.59	74.0	22.65	Peak	153.00	300	Horizontal	Pass
6**	12213.812	42.19	2.59	54.0	11.81	AV	153.00	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	1321.200	38.46	-17.54	74.0	35.54	Peak	312.00	300	Vertical	Pass
1**	1321.200	28.53	-17.54	54.0	25.47	AV	312.00	300	Vertical	Pass
2	2822.100	43.69	-10.52	74.0	30.31	Peak	286.00	200	Vertical	Pass
2**	2822.100	35.54	-10.52	54.0	18.46	AV	286.00	200	Vertical	Pass
3	4284.600	48.29	-4.69	74.0	25.71	Peak	224.00	100	Vertical	Pass
3**	4284.600	39.06	-4.69	54.0	14.94	AV	224.00	100	Vertical	Pass
4	5188.200	93.14	-3.16	--	--	Peak	360.00	300	Vertical	N/A
4**	5188.200	85.80	-3.16	--	--	AV	360.00	300	Vertical	N/A
5	8304.100	46.35	-2.75	74.0	27.65	Peak	92.00	150	Vertical	Pass
5**	8304.100	41.11	-2.75	54.0	12.89	AV	92.00	150	Vertical	Pass
6	12244.575	51.76	2.65	74.0	22.24	Peak	1.00	400	Vertical	Pass
6**	12244.575	42.28	2.65	54.0	11.72	AV	1.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1408.900	38.03	-17.38	74.0	35.97	Peak	20.00	400	Horizontal	Pass
1**	1408.900	28.39	-17.38	54.0	25.61	AV	20.00	400	Horizontal	Pass
2	2866.400	44.29	-10.59	74.0	29.71	Peak	354.00	100	Horizontal	Pass
2**	2866.400	34.21	-10.59	54.0	19.79	AV	354.00	100	Horizontal	Pass
3	4221.200	48.74	-4.72	74.0	25.26	Peak	107.00	150	Horizontal	Pass
3**	4221.200	39.50	-4.72	54.0	14.50	AV	107.00	150	Horizontal	Pass
4	5227.800	104.73	-3.51	--	--	Peak	107.00	400	Horizontal	N/A
4**	5227.800	96.93	-3.51	--	--	AV	107.00	400	Horizontal	N/A
5	8368.213	47.69	-2.45	74.0	26.31	Peak	334.00	150	Horizontal	Pass
5**	8368.213	43.44	-2.45	54.0	10.56	AV	334.00	150	Horizontal	Pass
6	12262.112	51.78	2.56	74.0	22.22	Peak	0.00	400	Horizontal	Pass
6**	12262.112	42.16	2.56	54.0	11.84	AV	0.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.200	38.46	-17.72	74.0	35.54	Peak	360.00	400	Vertical	Pass
1**	1335.200	28.47	-17.72	54.0	25.53	AV	360.00	400	Vertical	Pass
2	2837.900	44.31	-10.81	74.0	29.69	Peak	354.00	400	Vertical	Pass
2**	2837.900	34.89	-10.81	54.0	19.11	AV	354.00	400	Vertical	Pass
3	4290.600	48.32	-4.78	74.0	25.68	Peak	167.00	200	Vertical	Pass
3**	4290.600	39.71	-4.78	54.0	14.29	AV	167.00	200	Vertical	Pass
4	5235.000	92.98	-3.65	--	--	Peak	341.00	400	Vertical	N/A
4**	5235.000	84.80	-3.65	--	--	AV	341.00	400	Vertical	N/A
5	7553.150	48.16	-1.56	74.0	25.84	Peak	311.00	100	Vertical	Pass
5**	7553.150	40.09	-1.56	54.0	13.91	AV	311.00	100	Vertical	Pass
6	11674.750	51.11	2.46	74.0	22.89	Peak	300.00	300	Vertical	Pass
6**	11674.750	42.35	2.46	54.0	11.65	AV	300.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.000	40.15	-17.73	74.0	33.85	Peak	295.00	150	Horizontal	Pass
1**	1483.000	28.69	-17.73	54.0	25.31	AV	295.00	150	Horizontal	Pass
2	2878.100	44.08	-10.38	74.0	29.92	Peak	231.00	200	Horizontal	Pass
2**	2878.100	35.71	-10.38	54.0	18.29	AV	231.00	200	Horizontal	Pass
3	4274.200	48.42	-4.76	74.0	25.58	Peak	1.00	200	Horizontal	Pass
3**	4274.200	39.42	-4.76	54.0	14.58	AV	1.00	200	Horizontal	Pass
4	5181.200	108.88	-3.19	--	--	Peak	109.00	300	Horizontal	N/A
4**	5181.200	102.00	-3.19	--	--	AV	109.00	300	Horizontal	N/A
5	8288.287	47.47	-2.66	74.0	26.53	Peak	344.00	150	Horizontal	Pass
5**	8288.287	42.42	-2.66	54.0	11.58	AV	344.00	150	Horizontal	Pass
6	12267.575	51.15	2.51	74.0	22.85	Peak	238.00	300	Horizontal	Pass
6**	12267.575	42.38	2.51	54.0	11.62	AV	238.00	300	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	1343.500	37.93	-17.65	74.0	36.07	Peak	48.00	150	Vertical	Pass
1**	1343.500	29.30	-17.65	54.0	24.70	AV	48.00	150	Vertical	Pass
2	2809.400	44.25	-10.85	74.0	29.75	Peak	108.00	200	Vertical	Pass
2**	2809.400	34.25	-10.85	54.0	19.75	AV	108.00	200	Vertical	Pass
3	4316.800	48.23	-5.01	74.0	25.77	Peak	110.00	150	Vertical	Pass
3**	4316.800	39.22	-5.01	54.0	14.78	AV	110.00	150	Vertical	Pass
4	5182.000	97.62	-3.21	--	--	Peak	293.00	100	Vertical	N/A
4**	5182.000	90.67	-3.21	--	--	AV	293.00	100	Vertical	N/A
5	7583.337	48.42	-2.24	74.0	25.58	Peak	174.00	100	Vertical	Pass
5**	7583.337	38.89	-2.24	54.0	15.11	AV	174.00	100	Vertical	Pass
6	12221.862	51.95	2.60	74.0	22.05	Peak	132.00	400	Vertical	Pass
6**	12221.862	43.11	2.60	54.0	10.89	AV	132.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1355.900	37.75	-17.55	74.0	36.25	Peak	360.00	200	Horizontal	Pass
1**	1355.900	29.23	-17.55	54.0	24.77	AV	360.00	200	Horizontal	Pass
2	2745.300	43.91	-10.75	74.0	30.09	Peak	169.00	300	Horizontal	Pass
2**	2745.300	34.98	-10.75	54.0	19.02	AV	169.00	300	Horizontal	Pass
3	4292.800	48.60	-4.76	74.0	25.40	Peak	2.00	150	Horizontal	Pass
3**	4292.800	40.40	-4.76	54.0	13.60	AV	2.00	150	Horizontal	Pass
4	5217.600	109.37	-3.43	--	--	Peak	110.00	100	Horizontal	N/A
4**	5217.600	101.85	-3.43	--	--	AV	110.00	100	Horizontal	N/A
5	8352.112	47.26	-2.38	74.0	26.74	Peak	291.00	150	Horizontal	Pass
5**	8352.112	43.01	-2.38	54.0	10.99	AV	291.00	150	Horizontal	Pass
6	11677.050	51.41	2.45	74.0	22.59	Peak	207.00	200	Horizontal	Pass
6**	11677.050	41.90	2.45	54.0	12.10	AV	207.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1347.700	38.04	-17.68	74.0	35.96	Peak	163.00	150	Vertical	Pass
1**	1347.700	27.90	-17.68	54.0	26.10	AV	163.00	150	Vertical	Pass
2	2807.500	43.99	-10.93	74.0	30.01	Peak	47.00	400	Vertical	Pass
2**	2807.500	34.44	-10.93	54.0	19.56	AV	47.00	400	Vertical	Pass
3	4117.400	48.47	-5.50	74.0	25.53	Peak	134.00	150	Vertical	Pass
3**	4117.400	38.90	-5.50	54.0	15.10	AV	134.00	150	Vertical	Pass
4	5221.400	97.94	-3.42	--	--	Peak	360.00	300	Vertical	N/A
4**	5221.400	91.08	-3.42	--	--	AV	360.00	300	Vertical	N/A
5	7372.888	48.29	-1.80	74.0	25.71	Peak	360.00	150	Vertical	Pass
5**	7372.888	38.65	-1.80	54.0	15.35	AV	360.00	150	Vertical	Pass
6	11665.263	51.42	2.50	74.0	22.58	Peak	206.00	400	Vertical	Pass
6**	11665.263	42.18	2.50	54.0	11.82	AV	206.00	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	1333.000	38.76	-17.75	74.0	35.24	Peak	72.00	400	Horizontal	Pass
1**	1333.000	28.77	-17.75	54.0	25.23	AV	72.00	400	Horizontal	Pass
2	2858.200	44.30	-10.57	74.0	29.70	Peak	360.00	300	Horizontal	Pass
2**	2858.200	35.10	-10.57	54.0	18.90	AV	360.00	300	Horizontal	Pass
3	4279.400	48.98	-4.81	74.0	25.02	Peak	102.00	100	Horizontal	Pass
3**	4279.400	39.43	-4.81	54.0	14.57	AV	102.00	100	Horizontal	Pass
4	5239.000	108.10	-3.66	--	--	Peak	131.00	100	Horizontal	N/A
4**	5239.000	100.73	-3.66	--	--	AV	131.00	100	Horizontal	N/A
5	8384.312	48.27	-2.10	74.0	25.73	Peak	69.00	150	Horizontal	Pass
5**	8384.312	43.44	-2.10	54.0	10.56	AV	69.00	150	Horizontal	Pass
6	11685.387	51.33	2.42	74.0	22.67	Peak	28.00	200	Horizontal	Pass
6**	11685.387	41.92	2.42	54.0	12.08	AV	28.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1388.000	37.86	-17.45	74.0	36.14	Peak	248.00	300	Vertical	Pass
1**	1388.000	28.15	-17.45	54.0	25.85	AV	248.00	300	Vertical	Pass
2	2736.700	44.34	-10.76	74.0	29.66	Peak	215.00	200	Vertical	Pass
2**	2736.700	34.49	-10.76	54.0	19.51	AV	215.00	200	Vertical	Pass
3	4293.200	48.82	-4.77	74.0	25.18	Peak	1.00	100	Vertical	Pass
3**	4293.200	39.22	-4.77	54.0	14.78	AV	1.00	100	Vertical	Pass
4	5238.200	97.51	-3.65	--	--	Peak	336.00	300	Vertical	N/A
4**	5238.200	90.55	-3.65	--	--	AV	336.00	300	Vertical	N/A
5	8384.312	46.71	-2.10	74.0	27.29	Peak	360.00	150	Vertical	Pass
5**	8384.312	41.76	-2.10	54.0	12.24	AV	360.00	150	Vertical	Pass
6	11719.312	51.29	2.01	74.0	22.71	Peak	205.00	300	Vertical	Pass
6**	11719.312	41.69	2.01	54.0	12.31	AV	205.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1343.700	37.82	-17.65	74.0	36.18	Peak	175.00	100	Horizontal	Pass
1**	1343.700	28.60	-17.65	54.0	25.40	AV	175.00	100	Horizontal	Pass
2	2873.000	44.83	-10.58	74.0	29.17	Peak	262.00	200	Horizontal	Pass
2**	2873.000	34.54	-10.58	54.0	19.46	AV	262.00	200	Horizontal	Pass
3	4257.600	48.56	-4.77	74.0	25.44	Peak	353.00	150	Horizontal	Pass
3**	4257.600	39.04	-4.77	54.0	14.96	AV	353.00	150	Horizontal	Pass
4	5187.800	103.69	-3.16	--	--	Peak	81.00	400	Horizontal	N/A
4**	5187.800	96.39	-3.16	--	--	AV	81.00	400	Horizontal	N/A
5	8304.100	45.94	-2.75	74.0	28.06	Peak	239.00	150	Horizontal	Pass
5**	8304.100	42.55	-2.75	54.0	11.45	AV	239.00	150	Horizontal	Pass
6	12277.925	51.25	2.43	74.0	22.75	Peak	177.00	300	Horizontal	Pass
6**	12277.925	41.34	2.43	54.0	12.66	AV	177.00	300	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	1391.600	38.76	-17.46	74.0	35.24	Peak	282.00	400	Vertical	Pass
1**	1391.600	28.87	-17.46	54.0	25.13	AV	282.00	400	Vertical	Pass
2	2753.100	44.09	-10.86	74.0	29.91	Peak	73.00	300	Vertical	Pass
2**	2753.100	33.54	-10.86	54.0	20.46	AV	73.00	300	Vertical	Pass
3	4259.400	48.21	-4.74	74.0	25.79	Peak	311.00	100	Vertical	Pass
3**	4259.400	39.13	-4.74	54.0	14.87	AV	311.00	100	Vertical	Pass
4	5191.400	95.69	-3.23	--	--	Peak	233.00	200	Vertical	N/A
4**	5191.400	87.70	-3.23	--	--	AV	233.00	200	Vertical	N/A
5	7600.587	47.97	-2.32	74.0	26.03	Peak	105.00	200	Vertical	Pass
5**	7600.587	39.13	-2.32	54.0	14.87	AV	105.00	200	Vertical	Pass
6	12270.737	51.13	2.49	74.0	22.87	Peak	136.00	200	Vertical	Pass
6**	12270.737	41.92	2.49	54.0	12.08	AV	136.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1379.900	37.86	-17.50	74.0	36.14	Peak	82.00	400	Horizontal	Pass
1**	1379.900	28.18	-17.50	54.0	25.82	AV	82.00	400	Horizontal	Pass
2	2879.600	44.01	-10.29	74.0	29.99	Peak	95.00	200	Horizontal	Pass
2**	2879.600	35.21	-10.29	54.0	18.79	AV	95.00	200	Horizontal	Pass
3	4328.400	48.27	-4.84	74.0	25.73	Peak	360.00	200	Horizontal	Pass
3**	4328.400	38.93	-4.84	54.0	15.07	AV	360.00	200	Horizontal	Pass
4	5233.800	104.64	-3.62	--	--	Peak	131.00	200	Horizontal	N/A
4**	5233.800	97.30	-3.62	--	--	AV	131.00	200	Horizontal	N/A
5	8368.213	46.11	-2.45	74.0	27.89	Peak	251.00	150	Horizontal	Pass
5**	8368.213	42.16	-2.45	54.0	11.84	AV	251.00	150	Horizontal	Pass
6	12235.375	51.27	2.63	74.0	22.73	Peak	312.00	100	Horizontal	Pass
6**	12235.375	41.34	2.63	54.0	12.66	AV	312.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.600	38.02	-17.75	74.0	35.98	Peak	318.00	100	Vertical	Pass
1**	1334.600	29.67	-17.75	54.0	24.33	AV	318.00	100	Vertical	Pass
2	2734.500	44.52	-10.77	74.0	29.48	Peak	250.00	200	Vertical	Pass
2**	2734.500	35.25	-10.77	54.0	18.75	AV	250.00	200	Vertical	Pass
3	4294.600	48.40	-4.83	74.0	25.60	Peak	211.00	150	Vertical	Pass
3**	4294.600	39.31	-4.83	54.0	14.69	AV	211.00	150	Vertical	Pass
4	5233.200	96.65	-3.61	--	--	Peak	260.00	300	Vertical	N/A
4**	5233.200	88.15	-3.61	--	--	AV	260.00	300	Vertical	N/A
5	7423.775	48.02	-2.11	74.0	25.98	Peak	127.00	200	Vertical	Pass
5**	7423.775	40.21	-2.11	54.0	13.79	AV	127.00	200	Vertical	Pass
6	12306.099	51.10	2.26	74.0	22.90	Peak	11.00	100	Vertical	Pass
6**	12306.099	41.77	2.26	54.0	12.23	AV	11.00	100	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	1324.600	37.73	-17.62	74.0	36.27	Peak	81.00	300	Horizontal	Pass
1**	1324.600	28.61	-17.62	54.0	25.39	AV	81.00	300	Horizontal	Pass
2	2853.800	44.30	-10.66	74.0	29.70	Peak	39.00	200	Horizontal	Pass
2**	2853.800	34.69	-10.66	54.0	19.31	AV	39.00	200	Horizontal	Pass
3	4272.200	48.37	-4.78	74.0	25.63	Peak	172.00	150	Horizontal	Pass
3**	4272.200	39.08	-4.78	54.0	14.92	AV	172.00	150	Horizontal	Pass
4	5214.000	101.15	-3.42	--	--	Peak	135.00	400	Horizontal	N/A
4**	5214.000	93.51	-3.42	--	--	AV	135.00	400	Horizontal	N/A
5	8336.300	45.85	-2.52	74.0	28.15	Peak	250.00	150	Horizontal	Pass
5**	8336.300	41.07	-2.52	54.0	12.93	AV	250.00	150	Horizontal	Pass
6	11765.888	50.92	1.39	74.0	23.08	Peak	73.00	300	Horizontal	Pass
6**	11765.888	41.20	1.39	54.0	12.80	AV	73.00	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	1346.000	38.09	-17.67	74.0	35.91	Peak	1.00	400	Vertical	Pass
1**	1346.000	28.52	-17.67	54.0	25.48	AV	1.00	400	Vertical	Pass
2	2875.100	44.61	-10.58	74.0	29.39	Peak	97.00	200	Vertical	Pass
2**	2875.100	34.59	-10.58	54.0	19.41	AV	97.00	200	Vertical	Pass
3	4286.000	48.13	-4.73	74.0	25.87	Peak	33.00	200	Vertical	Pass
3**	4286.000	39.45	-4.73	54.0	14.55	AV	33.00	200	Vertical	Pass
4	5203.000	93.22	-3.35	--	--	Peak	234.00	400	Vertical	N/A
4**	5203.000	85.98	-3.35	--	--	AV	234.00	400	Vertical	N/A
5	7340.687	48.00	-2.52	74.0	26.00	Peak	145.00	100	Vertical	Pass
5**	7340.687	38.85	-2.52	54.0	15.15	AV	145.00	100	Vertical	Pass
6	12223.300	50.79	2.61	74.0	23.21	Peak	248.00	100	Vertical	Pass
6**	12223.300	42.23	2.61	54.0	11.77	AV	248.00	100	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	1353.100	37.58	-17.60	74.0	36.42	Peak	252.00	100	Horizontal	Pass
1**	1353.100	29.08	-17.60	54.0	24.92	AV	252.00	100	Horizontal	Pass
2	2873.100	44.25	-10.58	74.0	29.75	Peak	1.00	300	Horizontal	Pass
2**	2873.100	34.85	-10.58	54.0	19.15	AV	1.00	300	Horizontal	Pass
3	4294.400	49.17	-4.82	74.0	24.83	Peak	168.00	150	Horizontal	Pass
3**	4294.400	38.61	-4.82	54.0	15.39	AV	168.00	150	Horizontal	Pass
4	5259.200	107.36	-3.81	--	--	Peak	353.00	200	Horizontal	N/A
4**	5259.200	100.62	-3.81	--	--	AV	353.00	200	Horizontal	N/A
5	8416.225	46.37	-1.72	74.0	27.63	Peak	238.00	150	Horizontal	Pass
5**	8416.225	42.25	-1.72	54.0	11.75	AV	238.00	150	Horizontal	Pass
6	11724.488	51.34	1.93	74.0	22.66	Peak	217.00	100	Horizontal	Pass
6**	11724.488	41.44	1.93	54.0	12.56	AV	217.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.100	38.97	-17.68	74.0	35.03	Peak	311.00	150	Vertical	Pass
1**	1524.100	29.06	-17.68	54.0	24.94	AV	311.00	150	Vertical	Pass
2	2850.900	44.05	-10.71	74.0	29.95	Peak	54.00	100	Vertical	Pass
2**	2850.900	34.73	-10.71	54.0	19.27	AV	54.00	100	Vertical	Pass
3	4253.400	48.40	-4.72	74.0	25.60	Peak	209.00	150	Vertical	Pass
3**	4253.400	38.80	-4.72	54.0	15.20	AV	209.00	150	Vertical	Pass
4	5259.200	98.99	-3.81	--	--	Peak	259.00	300	Vertical	N/A
4**	5259.200	92.18	-3.81	--	--	AV	259.00	300	Vertical	N/A
5	7542.225	47.97	-1.64	74.0	26.03	Peak	291.00	200	Vertical	Pass
5**	7542.225	39.16	-1.64	54.0	14.84	AV	291.00	200	Vertical	Pass
6	12231.349	51.55	2.62	74.0	22.45	Peak	187.00	400	Vertical	Pass
6**	12231.349	41.93	2.62	54.0	12.07	AV	187.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1365.500	37.73	-17.54	74.0	36.27	Peak	98.00	200	Horizontal	Pass
1**	1365.500	28.78	-17.54	54.0	25.22	AV	98.00	200	Horizontal	Pass
2	2736.700	43.85	-10.76	74.0	30.15	Peak	268.00	400	Horizontal	Pass
2**	2736.700	34.24	-10.76	54.0	19.76	AV	268.00	400	Horizontal	Pass
3	4247.400	48.43	-4.80	74.0	25.57	Peak	141.00	150	Horizontal	Pass
3**	4247.400	39.53	-4.80	54.0	14.47	AV	141.00	150	Horizontal	Pass
4	5298.800	107.12	-3.34	--	--	Peak	18.00	400	Horizontal	N/A
4**	5298.800	99.84	-3.34	--	--	AV	18.00	400	Horizontal	N/A
5	7479.550	48.54	-1.95	74.0	25.46	Peak	95.00	150	Horizontal	Pass
5**	7479.550	38.26	-1.95	54.0	15.74	AV	95.00	150	Horizontal	Pass
6	12137.625	51.15	1.77	74.0	22.85	Peak	302.00	200	Horizontal	Pass
6**	12137.625	41.42	1.77	54.0	12.58	AV	302.00	200	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	1350.500	38.14	-17.67	74.0	35.86	Peak	10.00	400	Vertical	Pass
1**	1350.500	28.15	-17.67	54.0	25.85	AV	10.00	400	Vertical	Pass
2	2746.000	44.24	-10.77	74.0	29.76	Peak	57.00	200	Vertical	Pass
2**	2746.000	34.62	-10.77	54.0	19.38	AV	57.00	200	Vertical	Pass
3	4308.200	48.36	-5.02	74.0	25.64	Peak	111.00	200	Vertical	Pass
3**	4308.200	38.45	-5.02	54.0	15.55	AV	111.00	200	Vertical	Pass
4	5299.000	99.85	-3.33	--	--	Peak	262.00	300	Vertical	N/A
4**	5299.000	91.63	-3.33	--	--	AV	262.00	300	Vertical	N/A
5	7551.138	47.93	-1.58	74.0	26.07	Peak	199.00	100	Vertical	Pass
5**	7551.138	39.64	-1.58	54.0	14.36	AV	199.00	100	Vertical	Pass
6	12254.925	51.39	2.62	74.0	22.61	Peak	260.00	200	Vertical	Pass
6**	12254.925	41.66	2.62	54.0	12.34	AV	260.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1563.500	38.33	-17.65	74.0	35.67	Peak	83.00	150	Horizontal	Pass
1**	1563.500	28.36	-17.65	54.0	25.64	AV	83.00	150	Horizontal	Pass
2	2817.000	44.55	-10.64	74.0	29.45	Peak	355.00	400	Horizontal	Pass
2**	2817.000	34.56	-10.64	54.0	19.44	AV	355.00	400	Horizontal	Pass
3	4038.200	48.28	-5.33	74.0	25.72	Peak	304.00	200	Horizontal	Pass
3**	4038.200	37.93	-5.33	54.0	16.07	AV	304.00	200	Horizontal	Pass
4	5318.600	107.76	-3.27	--	--	Peak	11.00	400	Horizontal	N/A
4**	5318.600	100.78	-3.27	--	--	AV	11.00	400	Horizontal	N/A
5	7385.250	47.89	-1.75	74.0	26.11	Peak	199.00	150	Horizontal	Pass
5**	7385.250	38.27	-1.75	54.0	15.73	AV	199.00	150	Horizontal	Pass
6	11668.425	51.26	2.48	74.0	22.74	Peak	43.00	100	Horizontal	Pass
6**	11668.425	42.64	2.48	54.0	11.36	AV	43.00	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	1560.400	38.96	-17.62	74.0	35.04	Peak	320.00	150	Vertical	Pass
1**	1560.400	28.27	-17.62	54.0	25.73	AV	320.00	150	Vertical	Pass
2	2848.700	44.42	-10.76	74.0	29.58	Peak	209.00	200	Vertical	Pass
2**	2848.700	34.73	-10.76	54.0	19.27	AV	209.00	200	Vertical	Pass
3	4212.400	48.25	-4.92	74.0	25.75	Peak	68.00	100	Vertical	Pass
3**	4212.400	38.66	-4.92	54.0	15.34	AV	68.00	100	Vertical	Pass
4	5317.800	99.69	-3.24	--	--	Peak	235.00	400	Vertical	N/A
4**	5317.800	92.10	-3.24	--	--	AV	235.00	400	Vertical	N/A
5	7543.088	48.45	-1.63	74.0	25.55	Peak	158.00	200	Vertical	Pass
5**	7543.088	39.33	-1.63	54.0	14.67	AV	158.00	200	Vertical	Pass
6	11679.925	51.03	2.44	74.0	22.97	Peak	282.00	300	Vertical	Pass
6**	11679.925	42.86	2.44	54.0	11.14	AV	282.00	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	1357.900	37.65	-17.60	74.0	36.35	Peak	331.00	300	Horizontal	Pass
1**	1357.900	28.98	-17.60	54.0	25.02	AV	331.00	300	Horizontal	Pass
2	2813.500	43.64	-10.82	74.0	30.36	Peak	190.00	300	Horizontal	Pass
2**	2813.500	35.22	-10.82	54.0	18.78	AV	190.00	300	Horizontal	Pass
3	4241.400	47.95	-5.07	74.0	26.05	Peak	120.00	150	Horizontal	Pass
3**	4241.400	38.46	-5.07	54.0	15.54	AV	120.00	150	Horizontal	Pass
4	5258.400	107.27	-3.82	--	--	Peak	206.00	200	Horizontal	N/A
4**	5258.400	99.83	-3.82	--	--	AV	206.00	200	Horizontal	N/A
5	8416.225	46.55	-1.72	74.0	27.45	Peak	355.00	100	Horizontal	Pass
5**	8416.225	43.89	-1.72	54.0	10.11	AV	355.00	100	Horizontal	Pass
6	11756.975	51.07	1.48	74.0	22.93	Peak	248.00	300	Horizontal	Pass
6**	11756.975	41.95	1.48	54.0	12.05	AV	248.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1352.500	37.98	-17.61	74.0	36.02	Peak	98.00	200	Vertical	Pass
1**	1352.500	28.68	-17.61	54.0	25.32	AV	98.00	200	Vertical	Pass
2	2854.100	43.73	-10.66	74.0	30.27	Peak	0.00	200	Vertical	Pass
2**	2854.100	34.79	-10.66	54.0	19.21	AV	0.00	200	Vertical	Pass
3	4290.400	48.61	-4.78	74.0	25.39	Peak	302.00	200	Vertical	Pass
3**	4290.400	39.40	-4.78	54.0	14.60	AV	302.00	200	Vertical	Pass
4	5258.000	96.74	-3.83	--	--	Peak	360.00	300	Vertical	N/A
4**	5258.000	88.74	-3.83	--	--	AV	360.00	300	Vertical	N/A
5	7549.700	48.73	-1.60	74.0	25.27	Peak	230.00	100	Vertical	Pass
5**	7549.700	39.11	-1.60	54.0	14.89	AV	230.00	100	Vertical	Pass
6	11639.388	51.28	2.44	74.0	22.72	Peak	359.00	100	Vertical	Pass
6**	11639.388	41.52	2.44	54.0	12.48	AV	359.00	100	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	1338.900	37.83	-17.74	74.0	36.17	Peak	235.00	150	Horizontal	Pass
1**	1338.900	29.22	-17.74	54.0	24.78	AV	235.00	150	Horizontal	Pass
2	2810.900	45.07	-10.83	74.0	28.93	Peak	143.00	300	Horizontal	Pass
2**	2810.900	35.12	-10.83	54.0	18.88	AV	143.00	300	Horizontal	Pass
3	4289.400	48.07	-4.77	74.0	25.93	Peak	360.00	200	Horizontal	Pass
3**	4289.400	40.09	-4.77	54.0	13.91	AV	360.00	200	Horizontal	Pass
4	5302.800	108.70	-3.27	--	--	Peak	206.00	400	Horizontal	N/A
4**	5302.800	101.07	-3.27	--	--	AV	206.00	400	Horizontal	N/A
5	8480.338	46.94	-1.79	74.0	27.06	Peak	292.00	150	Horizontal	Pass
5**	8480.338	42.14	-1.79	54.0	11.86	AV	292.00	150	Horizontal	Pass
6	12242.275	51.63	2.65	74.0	22.37	Peak	229.00	100	Horizontal	Pass
6**	12242.275	42.13	2.65	54.0	11.87	AV	229.00	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	1329.100	38.17	-17.67	74.0	35.83	Peak	304.00	100	Vertical	Pass
1**	1329.100	28.79	-17.67	54.0	25.21	AV	304.00	100	Vertical	Pass
2	2842.300	44.27	-10.82	74.0	29.73	Peak	330.00	300	Vertical	Pass
2**	2842.300	34.42	-10.82	54.0	19.58	AV	330.00	300	Vertical	Pass
3	4300.200	49.47	-4.88	74.0	24.53	Peak	360.00	150	Vertical	Pass
3**	4300.200	39.53	-4.88	54.0	14.47	AV	360.00	150	Vertical	Pass
4	5299.200	97.31	-3.32	--	--	Peak	352.00	100	Vertical	N/A
4**	5299.200	90.69	-3.32	--	--	AV	352.00	100	Vertical	N/A
5	7555.450	49.36	-1.61	74.0	24.64	Peak	291.00	100	Vertical	Pass
5**	7555.450	39.42	-1.61	54.0	14.58	AV	291.00	100	Vertical	Pass
6	12219.850	51.99	2.60	74.0	22.01	Peak	302.00	400	Vertical	Pass
6**	12219.850	42.83	2.60	54.0	11.17	AV	302.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1405.100	38.47	-17.42	74.0	35.53	Peak	163.00	200	Horizontal	Pass
1**	1405.100	28.49	-17.42	54.0	25.51	AV	163.00	200	Horizontal	Pass
2	2793.400	43.65	-11.19	74.0	30.35	Peak	111.00	200	Horizontal	Pass
2**	2793.400	33.89	-11.19	54.0	20.11	AV	111.00	200	Horizontal	Pass
3	4263.400	48.83	-4.82	74.0	25.17	Peak	6.00	100	Horizontal	Pass
3**	4263.400	38.83	-4.82	54.0	15.17	AV	6.00	100	Horizontal	Pass
4	5321.400	107.85	-3.24	--	--	Peak	107.00	400	Horizontal	N/A
4**	5321.400	101.10	-3.24	--	--	AV	107.00	400	Horizontal	N/A
5	7564.938	48.51	-1.90	74.0	25.49	Peak	48.00	150	Horizontal	Pass
5**	7564.938	39.44	-1.90	54.0	14.56	AV	48.00	150	Horizontal	Pass
6	12225.313	51.17	2.61	74.0	22.83	Peak	281.00	100	Horizontal	Pass
6**	12225.313	41.74	2.61	54.0	12.26	AV	281.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1408.000	39.02	-17.37	74.0	34.98	Peak	198.00	200	Vertical	Pass
1**	1408.000	29.61	-17.37	54.0	24.39	AV	198.00	200	Vertical	Pass
2	2817.800	43.49	-10.61	74.0	30.51	Peak	198.00	150	Vertical	Pass
2**	2817.800	34.93	-10.61	54.0	19.07	AV	198.00	150	Vertical	Pass
3	4302.800	48.70	-4.91	74.0	25.30	Peak	115.00	200	Vertical	Pass
3**	4302.800	39.57	-4.91	54.0	14.43	AV	115.00	200	Vertical	Pass
4	5318.600	97.80	-3.27	--	--	Peak	7.00	100	Vertical	N/A
4**	5318.600	90.53	-3.27	--	--	AV	7.00	100	Vertical	N/A
5	7556.313	48.52	-1.65	74.0	25.48	Peak	17.00	150	Vertical	Pass
5**	7556.313	39.72	-1.65	54.0	14.28	AV	17.00	150	Vertical	Pass
6	12280.513	51.51	2.41	74.0	22.49	Peak	279.00	300	Vertical	Pass
6**	12280.513	41.99	2.41	54.0	12.01	AV	279.00	300	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	1401.100	37.75	-17.51	74.0	36.25	Peak	317.00	100	Horizontal	Pass
1**	1401.100	29.29	-17.51	54.0	24.71	AV	317.00	100	Horizontal	Pass
2	2821.300	44.68	-10.56	74.0	29.32	Peak	29.00	300	Horizontal	Pass
2**	2821.300	34.95	-10.56	54.0	19.05	AV	29.00	300	Horizontal	Pass
3	4216.800	48.88	-4.78	74.0	25.12	Peak	264.00	150	Horizontal	Pass
3**	4216.800	39.35	-4.78	54.0	14.65	AV	264.00	150	Horizontal	Pass
4	5272.200	103.53	-3.65	--	--	Peak	286.00	100	Horizontal	N/A
4**	5272.200	95.86	-3.65	--	--	AV	286.00	100	Horizontal	N/A
5	8432.325	46.77	-2.04	74.0	27.23	Peak	324.00	150	Horizontal	Pass
5**	8432.325	42.28	-2.04	54.0	11.72	AV	324.00	150	Horizontal	Pass
6	12248.313	51.68	2.66	74.0	22.32	Peak	143.00	400	Horizontal	Pass
6**	12248.313	41.94	2.66	54.0	12.06	AV	143.00	400	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	1357.800	37.73	-17.60	74.0	36.27	Peak	223.00	150	Vertical	Pass
1**	1357.800	27.91	-17.60	54.0	26.09	AV	223.00	150	Vertical	Pass
2	2866.900	43.92	-10.60	74.0	30.08	Peak	295.00	400	Vertical	Pass
2**	2866.900	34.99	-10.60	54.0	19.01	AV	295.00	400	Vertical	Pass
3	4300.200	49.24	-4.88	74.0	24.76	Peak	69.00	100	Vertical	Pass
3**	4300.200	40.15	-4.88	54.0	13.85	AV	69.00	100	Vertical	Pass
4	5275.000	93.21	-3.64	--	--	Peak	323.00	400	Vertical	N/A
4**	5275.000	85.77	-3.64	--	--	AV	323.00	400	Vertical	N/A
5	7506.575	48.04	-1.86	74.0	25.96	Peak	48.00	200	Vertical	Pass
5**	7506.575	38.54	-1.86	54.0	15.46	AV	48.00	200	Vertical	Pass
6	11751.224	51.56	1.53	74.0	22.44	Peak	334.00	300	Vertical	Pass
6**	11751.224	40.95	1.53	54.0	13.05	AV	334.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1314.300	38.64	-17.52	74.0	35.36	Peak	314.00	300	Horizontal	Pass
1**	1314.300	28.27	-17.52	54.0	25.73	AV	314.00	300	Horizontal	Pass
2	2814.300	43.67	-10.78	74.0	30.33	Peak	281.00	150	Horizontal	Pass
2**	2814.300	35.01	-10.78	54.0	18.99	AV	281.00	150	Horizontal	Pass
3	4291.400	48.74	-4.76	74.0	25.26	Peak	308.00	200	Horizontal	Pass
3**	4291.400	39.26	-4.76	54.0	14.74	AV	308.00	200	Horizontal	Pass
4	5307.800	103.73	-3.28	--	--	Peak	178.00	200	Horizontal	N/A
4**	5307.800	96.42	-3.28	--	--	AV	178.00	200	Horizontal	N/A
5	7526.987	48.55	-1.60	74.0	25.45	Peak	6.00	200	Horizontal	Pass
5**	7526.987	39.54	-1.60	54.0	14.46	AV	6.00	200	Horizontal	Pass
6	11648.874	51.23	2.54	74.0	22.77	Peak	0.00	100	Horizontal	Pass
6**	11648.874	42.71	2.54	54.0	11.29	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1356.500	38.14	-17.56	74.0	35.86	Peak	55.00	300	Vertical	Pass
1**	1356.500	28.80	-17.56	54.0	25.20	AV	55.00	300	Vertical	Pass
2	2878.900	44.45	-10.33	74.0	29.55	Peak	8.00	300	Vertical	Pass
2**	2878.900	34.94	-10.33	54.0	19.06	AV	8.00	300	Vertical	Pass
3	4330.200	48.31	-4.80	74.0	25.69	Peak	251.00	100	Vertical	Pass
3**	4330.200	39.20	-4.80	54.0	14.80	AV	251.00	100	Vertical	Pass
4	5307.200	94.44	-3.30	--	--	Peak	352.00	200	Vertical	N/A
4**	5307.200	86.16	-3.30	--	--	AV	352.00	200	Vertical	N/A
5	7372.025	48.44	-1.81	74.0	25.56	Peak	184.00	150	Vertical	Pass
5**	7372.025	38.15	-1.81	54.0	15.85	AV	184.00	150	Vertical	Pass
6	12210.650	50.88	2.58	74.0	23.12	Peak	247.00	300	Vertical	Pass
6**	12210.650	41.73	2.58	54.0	12.27	AV	247.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1313.100	38.49	-17.51	74.0	35.51	Peak	48.00	300	Horizontal	Pass
1**	1313.100	29.16	-17.51	54.0	24.84	AV	48.00	300	Horizontal	Pass
2	2730.400	43.46	-10.67	74.0	30.54	Peak	303.00	300	Horizontal	Pass
2**	2730.400	34.76	-10.67	54.0	19.24	AV	303.00	300	Horizontal	Pass
3	4162.600	48.12	-5.09	74.0	25.88	Peak	323.00	200	Horizontal	Pass
3**	4162.600	38.31	-5.09	54.0	15.69	AV	323.00	200	Horizontal	Pass
4	5258.400	108.56	-3.82	--	--	Peak	175.00	100	Horizontal	N/A
4**	5258.400	101.00	-3.82	--	--	AV	175.00	100	Horizontal	N/A
5	8416.225	46.93	-1.72	74.0	27.07	Peak	282.00	150	Horizontal	Pass
5**	8416.225	41.74	-1.72	54.0	12.26	AV	282.00	150	Horizontal	Pass
6	12196.275	51.31	2.51	74.0	22.69	Peak	29.00	200	Horizontal	Pass
6**	12196.275	42.47	2.51	54.0	11.53	AV	29.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1344.200	38.84	-17.66	74.0	35.16	Peak	7.00	300	Vertical	Pass
1**	1344.200	29.84	-17.66	54.0	24.16	AV	7.00	300	Vertical	Pass
2	2810.700	44.26	-10.83	74.0	29.74	Peak	360.00	150	Vertical	Pass
2**	2810.700	35.09	-10.83	54.0	18.91	AV	360.00	150	Vertical	Pass
3	4277.200	48.46	-4.75	74.0	25.54	Peak	81.00	100	Vertical	Pass
3**	4277.200	40.13	-4.75	54.0	13.87	AV	81.00	100	Vertical	Pass
4	5258.800	96.98	-3.81	--	--	Peak	285.00	200	Vertical	N/A
4**	5258.800	89.58	-3.81	--	--	AV	285.00	200	Vertical	N/A
5	7389.850	48.03	-1.73	74.0	25.97	Peak	342.00	150	Vertical	Pass
5**	7389.850	38.45	-1.73	54.0	15.55	AV	342.00	150	Vertical	Pass
6	12248.025	51.72	2.66	74.0	22.28	Peak	258.00	100	Vertical	Pass
6**	12248.025	41.55	2.66	54.0	12.45	AV	258.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1358.700	38.29	-17.60	74.0	35.71	Peak	333.00	200	Horizontal	Pass
1**	1358.700	27.82	-17.60	54.0	26.18	AV	333.00	200	Horizontal	Pass
2	2822.400	44.21	-10.52	74.0	29.79	Peak	247.00	200	Horizontal	Pass
2**	2822.400	35.25	-10.52	54.0	18.75	AV	247.00	200	Horizontal	Pass
3	4192.800	48.93	-5.28	74.0	25.07	Peak	17.00	150	Horizontal	Pass
3**	4192.800	38.67	-5.28	54.0	15.33	AV	17.00	150	Horizontal	Pass
4	5301.600	108.87	-3.31	--	--	Peak	177.00	300	Horizontal	N/A
4**	5301.600	101.62	-3.31	--	--	AV	177.00	300	Horizontal	N/A
5	8480.338	47.79	-1.79	74.0	26.21	Peak	326.00	150	Horizontal	Pass
5**	8480.338	43.96	-1.79	54.0	10.04	AV	326.00	150	Horizontal	Pass
6	12295.175	51.80	2.32	74.0	22.20	Peak	91.00	300	Horizontal	Pass
6**	12295.175	41.73	2.32	54.0	12.27	AV	91.00	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	1412.800	38.52	-17.47	74.0	35.48	Peak	248.00	100	Vertical	Pass
1**	1412.800	29.31	-17.47	54.0	24.69	AV	248.00	100	Vertical	Pass
2	2764.400	44.68	-11.17	74.0	29.32	Peak	341.00	100	Vertical	Pass
2**	2764.400	34.72	-11.17	54.0	19.28	AV	341.00	100	Vertical	Pass
3	4272.400	48.43	-4.77	74.0	25.57	Peak	82.00	150	Vertical	Pass
3**	4272.400	39.09	-4.77	54.0	14.91	AV	82.00	150	Vertical	Pass
4	5297.400	99.34	-3.40	--	--	Peak	352.00	300	Vertical	N/A
4**	5297.400	91.89	-3.40	--	--	AV	352.00	300	Vertical	N/A
5	7403.362	48.03	-1.66	74.0	25.97	Peak	300.00	100	Vertical	Pass
5**	7403.362	39.72	-1.66	54.0	14.28	AV	300.00	100	Vertical	Pass
6	12333.700	51.37	2.12	74.0	22.63	Peak	99.00	100	Vertical	Pass
6**	12333.700	41.58	2.12	54.0	12.42	AV	99.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1344.600	38.53	-17.66	74.0	35.47	Peak	0.00	200	Horizontal	Pass
1**	1344.600	28.41	-17.66	54.0	25.59	AV	0.00	200	Horizontal	Pass
2	2822.300	45.15	-10.52	74.0	28.85	Peak	174.00	400	Horizontal	Pass
2**	2822.300	34.14	-10.52	54.0	19.86	AV	174.00	400	Horizontal	Pass
3	4167.200	47.93	-4.91	74.0	26.07	Peak	285.00	200	Horizontal	Pass
3**	4167.200	39.74	-4.91	54.0	14.26	AV	285.00	200	Horizontal	Pass
4	5318.800	108.66	-3.28	--	--	Peak	110.00	400	Horizontal	N/A
4**	5318.800	102.08	-3.28	--	--	AV	110.00	400	Horizontal	N/A
5	7557.463	48.12	-1.67	74.0	25.88	Peak	326.00	100	Horizontal	Pass
5**	7557.463	39.37	-1.67	54.0	14.63	AV	326.00	100	Horizontal	Pass
6	11705.224	51.76	2.22	74.0	22.24	Peak	27.00	400	Horizontal	Pass
6**	11705.224	42.35	2.22	54.0	11.65	AV	27.00	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	1341.900	38.47	-17.71	74.0	35.53	Peak	360.00	100	Vertical	Pass
1**	1341.900	29.57	-17.71	54.0	24.43	AV	360.00	100	Vertical	Pass
2	2864.200	44.61	-10.58	74.0	29.39	Peak	87.00	100	Vertical	Pass
2**	2864.200	34.98	-10.58	54.0	19.02	AV	87.00	100	Vertical	Pass
3	4211.400	48.90	-4.95	74.0	25.10	Peak	360.00	150	Vertical	Pass
3**	4211.400	39.02	-4.95	54.0	14.98	AV	360.00	150	Vertical	Pass
4	5318.600	99.07	-3.27	--	--	Peak	345.00	200	Vertical	N/A
4**	5318.600	91.60	-3.27	--	--	AV	345.00	200	Vertical	N/A
5	7587.362	48.39	-2.31	74.0	25.61	Peak	359.00	200	Vertical	Pass
5**	7587.362	39.06	-2.31	54.0	14.94	AV	359.00	200	Vertical	Pass
6	12233.650	52.09	2.63	74.0	21.91	Peak	38.00	200	Vertical	Pass
6**	12233.650	42.58	2.63	54.0	11.42	AV	38.00	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	1402.000	39.00	-17.49	74.0	35.00	Peak	1.00	300	Horizontal	Pass
1**	1402.000	28.41	-17.49	54.0	25.59	AV	1.00	300	Horizontal	Pass
2	2824.600	44.03	-10.51	74.0	29.97	Peak	152.00	150	Horizontal	Pass
2**	2824.600	35.02	-10.51	54.0	18.98	AV	152.00	150	Horizontal	Pass
3	4317.800	48.73	-4.98	74.0	25.27	Peak	0.00	100	Horizontal	Pass
3**	4317.800	37.92	-4.98	54.0	16.08	AV	0.00	100	Horizontal	Pass
4	5272.200	104.91	-3.65	--	--	Peak	79.00	200	Horizontal	N/A
4**	5272.200	97.30	-3.65	--	--	AV	79.00	200	Horizontal	N/A
5	8432.037	46.98	-2.04	74.0	27.02	Peak	358.00	150	Horizontal	Pass
5**	8432.037	41.83	-2.04	54.0	12.17	AV	358.00	150	Horizontal	Pass
6	12284.826	52.42	2.37	74.0	21.58	Peak	229.00	200	Horizontal	Pass
6**	12284.826	41.52	2.37	54.0	12.48	AV	229.00	200	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	1392.200	38.19	-17.48	74.0	35.81	Peak	360.00	300	Vertical	Pass
1**	1392.200	29.04	-17.48	54.0	24.96	AV	360.00	300	Vertical	Pass
2	2738.300	44.57	-10.71	74.0	29.43	Peak	194.00	100	Vertical	Pass
2**	2738.300	35.40	-10.71	54.0	18.60	AV	194.00	100	Vertical	Pass
3	4270.600	48.67	-4.80	74.0	25.33	Peak	323.00	100	Vertical	Pass
3**	4270.600	39.58	-4.80	54.0	14.42	AV	323.00	100	Vertical	Pass
4	5266.200	93.64	-3.75	--	--	Peak	11.00	300	Vertical	N/A
4**	5266.200	85.69	-3.75	--	--	AV	11.00	300	Vertical	N/A
5	8432.037	45.58	-2.04	74.0	28.42	Peak	91.00	150	Vertical	Pass
5**	8432.037	41.94	-2.04	54.0	12.06	AV	91.00	150	Vertical	Pass
6	12314.150	51.25	2.22	74.0	22.75	Peak	102.00	200	Vertical	Pass
6**	12314.150	42.19	2.22	54.0	11.81	AV	102.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1413.800	38.44	-17.47	74.0	35.56	Peak	223.00	400	Horizontal	Pass
1**	1413.800	29.24	-17.47	54.0	24.76	AV	223.00	400	Horizontal	Pass
2	2874.600	44.45	-10.58	74.0	29.55	Peak	360.00	200	Horizontal	Pass
2**	2874.600	34.73	-10.58	54.0	19.27	AV	360.00	200	Horizontal	Pass
3	4278.400	48.84	-4.77	74.0	25.16	Peak	264.00	200	Horizontal	Pass
3**	4278.400	39.69	-4.77	54.0	14.31	AV	264.00	200	Horizontal	Pass
4	5305.800	105.28	-3.32	--	--	Peak	177.00	100	Horizontal	N/A
4**	5305.800	97.59	-3.32	--	--	AV	177.00	100	Horizontal	N/A
5	7391.000	48.55	-1.73	74.0	25.45	Peak	304.00	150	Horizontal	Pass
5**	7391.000	39.23	-1.73	54.0	14.77	AV	304.00	150	Horizontal	Pass
6	11658.362	52.11	2.52	74.0	21.89	Peak	28.00	300	Horizontal	Pass
6**	11658.362	42.29	2.52	54.0	11.71	AV	28.00	300	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	1354.000	38.69	-17.58	74.0	35.31	Peak	150.00	200	Vertical	Pass
1**	1354.000	28.38	-17.58	54.0	25.62	AV	150.00	200	Vertical	Pass
2	2857.900	44.17	-10.58	74.0	29.83	Peak	157.00	400	Vertical	Pass
2**	2857.900	35.45	-10.58	54.0	18.55	AV	157.00	400	Vertical	Pass
3	4288.200	48.52	-4.76	74.0	25.48	Peak	183.00	200	Vertical	Pass
3**	4288.200	40.55	-4.76	54.0	13.45	AV	183.00	200	Vertical	Pass
4	5312.600	95.59	-3.26	--	--	Peak	351.00	300	Vertical	N/A
4**	5312.600	88.68	-3.26	--	--	AV	351.00	300	Vertical	N/A
5	7559.187	48.79	-1.71	74.0	25.21	Peak	60.00	100	Vertical	Pass
5**	7559.187	39.12	-1.71	54.0	14.88	AV	60.00	100	Vertical	Pass
6	11669.000	51.12	2.48	74.0	22.88	Peak	333.00	400	Vertical	Pass
6**	11669.000	42.53	2.48	54.0	11.47	AV	333.00	400	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	1348.600	38.05	-17.69	74.0	35.95	Peak	232.00	300	Horizontal	Pass
1**	1348.600	28.87	-17.69	54.0	25.13	AV	232.00	300	Horizontal	Pass
2	2719.800	44.33	-11.14	74.0	29.67	Peak	74.00	200	Horizontal	Pass
2**	2719.800	34.04	-11.14	54.0	19.96	AV	74.00	200	Horizontal	Pass
3	4188.000	49.14	-5.20	74.0	24.86	Peak	8.00	150	Horizontal	Pass
3**	4188.000	39.23	-5.20	54.0	14.77	AV	8.00	150	Horizontal	Pass
4	5284.200	102.17	-3.48	--	--	Peak	184.00	400	Horizontal	N/A
4**	5284.200	93.46	-3.48	--	--	AV	184.00	400	Horizontal	N/A
5	8464.237	47.21	-2.14	74.0	26.79	Peak	333.00	150	Horizontal	Pass
5**	8464.237	42.39	-2.14	54.0	11.61	AV	333.00	150	Horizontal	Pass
6	11658.651	51.58	2.52	74.0	22.42	Peak	355.00	200	Horizontal	Pass
6**	11658.651	42.71	2.52	54.0	11.29	AV	355.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1323.100	38.21	-17.58	74.0	35.79	Peak	360.00	200	Vertical	Pass
1**	1323.100	28.85	-17.58	54.0	25.15	AV	360.00	200	Vertical	Pass
2	2743.000	45.00	-10.66	74.0	29.00	Peak	159.00	300	Vertical	Pass
2**	2743.000	34.83	-10.66	54.0	19.17	AV	159.00	300	Vertical	Pass
3	4328.000	49.28	-4.85	74.0	24.72	Peak	256.00	100	Vertical	Pass
3**	4328.000	38.72	-4.85	54.0	15.28	AV	256.00	100	Vertical	Pass
4	5293.000	91.45	-3.37	--	--	Peak	350.00	200	Vertical	N/A
4**	5293.000	83.95	-3.37	--	--	AV	350.00	200	Vertical	N/A
5	7556.888	48.98	-1.66	74.0	25.02	Peak	0.00	100	Vertical	Pass
5**	7556.888	39.43	-1.66	54.0	14.57	AV	0.00	100	Vertical	Pass
6	11712.412	51.44	2.11	74.0	22.56	Peak	190.00	300	Vertical	Pass
6**	11712.412	41.59	2.11	54.0	12.41	AV	190.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1320.300	38.27	-17.55	74.0	35.73	Peak	86.00	200	Horizontal	Pass
1**	1320.300	28.82	-17.55	54.0	25.18	AV	86.00	200	Horizontal	Pass
2	2810.300	44.41	-10.84	74.0	29.59	Peak	253.00	200	Horizontal	Pass
2**	2810.300	35.22	-10.84	54.0	18.78	AV	253.00	200	Horizontal	Pass
3	4086.400	48.48	-4.99	74.0	25.52	Peak	360.00	150	Horizontal	Pass
3**	4086.400	38.38	-4.99	54.0	15.62	AV	360.00	150	Horizontal	Pass
4	5501.800	107.50	-2.87	--	--	Peak	93.00	100	Horizontal	N/A
4**	5501.800	99.91	-2.87	--	--	AV	93.00	100	Horizontal	N/A
5	7428.087	48.65	-2.18	74.0	25.35	Peak	27.00	150	Horizontal	Pass
5**	7428.087	38.30	-2.18	54.0	15.70	AV	27.00	150	Horizontal	Pass
6	11663.825	51.57	2.50	74.0	22.43	Peak	321.00	200	Horizontal	Pass
6**	11663.825	42.77	2.50	54.0	11.23	AV	321.00	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	1496.600	38.36	-17.74	74.0	35.64	Peak	259.00	150	Vertical	Pass
1**	1496.600	28.73	-17.74	54.0	25.27	AV	259.00	150	Vertical	Pass
2	2804.400	43.92	-11.07	74.0	30.08	Peak	7.00	100	Vertical	Pass
2**	2804.400	34.48	-11.07	54.0	19.52	AV	7.00	100	Vertical	Pass
3	4164.400	48.39	-5.02	74.0	25.61	Peak	300.00	100	Vertical	Pass
3**	4164.400	38.79	-5.02	54.0	15.21	AV	300.00	100	Vertical	Pass
4	5498.400	97.89	-2.82	--	--	Peak	337.00	100	Vertical	N/A
4**	5498.400	89.62	-2.82	--	--	AV	337.00	100	Vertical	N/A
5	7336.375	48.42	-2.57	74.0	25.58	Peak	69.00	150	Vertical	Pass
5**	7336.375	39.12	-2.57	54.0	14.88	AV	69.00	150	Vertical	Pass
6	11684.237	51.72	2.42	74.0	22.28	Peak	0.00	200	Vertical	Pass
6**	11684.237	42.32	2.42	54.0	11.68	AV	0.00	200	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	1381.900	39.15	-17.51	74.0	34.85	Peak	313.00	100	Horizontal	Pass
1**	1381.900	28.50	-17.51	54.0	25.50	AV	313.00	100	Horizontal	Pass
2	2869.400	44.24	-10.60	74.0	29.76	Peak	223.00	200	Horizontal	Pass
2**	2869.400	35.32	-10.60	54.0	18.68	AV	223.00	200	Horizontal	Pass
3	4249.800	48.90	-4.71	74.0	25.10	Peak	360.00	150	Horizontal	Pass
3**	4249.800	39.56	-4.71	54.0	14.44	AV	360.00	150	Horizontal	Pass
4	5578.600	107.87	-3.15	--	--	Peak	66.00	400	Horizontal	N/A
4**	5578.600	100.67	-3.15	--	--	AV	66.00	400	Horizontal	N/A
5	7388.125	48.33	-1.73	74.0	25.67	Peak	289.00	200	Horizontal	Pass
5**	7388.125	39.39	-1.73	54.0	14.61	AV	289.00	200	Horizontal	Pass
6	12246.013	52.61	2.65	74.0	21.39	Peak	195.00	300	Horizontal	Pass
6**	12246.013	42.54	2.65	54.0	11.46	AV	195.00	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	1389.800	38.34	-17.42	74.0	35.66	Peak	1.00	400	Vertical	Pass
1**	1389.800	28.29	-17.42	54.0	25.71	AV	1.00	400	Vertical	Pass
2	2732.200	44.10	-10.73	74.0	29.90	Peak	152.00	200	Vertical	Pass
2**	2732.200	34.22	-10.73	54.0	19.78	AV	152.00	200	Vertical	Pass
3	4253.600	48.93	-4.71	74.0	25.07	Peak	26.00	100	Vertical	Pass
3**	4253.600	39.12	-4.71	54.0	14.88	AV	26.00	100	Vertical	Pass
4	5581.400	98.93	-3.24	--	--	Peak	336.00	200	Vertical	N/A
4**	5581.400	91.11	-3.24	--	--	AV	336.00	200	Vertical	N/A
5	7600.875	48.76	-2.32	74.0	25.24	Peak	230.00	100	Vertical	Pass
5**	7600.875	38.40	-2.32	54.0	15.60	AV	230.00	100	Vertical	Pass
6	11650.025	51.94	2.56	74.0	22.06	Peak	167.00	100	Vertical	Pass
6**	11650.025	42.44	2.56	54.0	11.56	AV	167.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1379.200	37.98	-17.50	74.0	36.02	Peak	240.00	200	Horizontal	Pass
1**	1379.200	28.82	-17.50	54.0	25.18	AV	240.00	200	Horizontal	Pass
2	2820.500	43.90	-10.60	74.0	30.10	Peak	338.00	400	Horizontal	Pass
2**	2820.500	35.35	-10.60	54.0	18.65	AV	338.00	400	Horizontal	Pass
3	4281.800	48.40	-4.74	74.0	25.60	Peak	62.00	100	Horizontal	Pass
3**	4281.800	39.34	-4.74	54.0	14.66	AV	62.00	100	Horizontal	Pass
4	5698.000	106.54	-3.93	--	--	Peak	287.00	200	Horizontal	N/A
4**	5698.000	99.15	-3.93	--	--	AV	287.00	200	Horizontal	N/A
5	7581.325	48.31	-2.27	74.0	25.69	Peak	228.00	200	Horizontal	Pass
5**	7581.325	38.43	-2.27	54.0	15.57	AV	228.00	200	Horizontal	Pass
6	12244.575	50.96	2.65	74.0	23.04	Peak	186.00	100	Horizontal	Pass
6**	12244.575	41.62	2.65	54.0	12.38	AV	186.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1348.000	37.97	-17.68	74.0	36.03	Peak	20.00	300	Vertical	Pass
1**	1348.000	28.41	-17.68	54.0	25.59	AV	20.00	300	Vertical	Pass
2	2833.300	44.37	-10.74	74.0	29.63	Peak	20.00	200	Vertical	Pass
2**	2833.300	35.35	-10.74	54.0	18.65	AV	20.00	200	Vertical	Pass
3	4335.600	48.66	-4.75	74.0	25.34	Peak	308.00	100	Vertical	Pass
3**	4335.600	38.96	-4.75	54.0	15.04	AV	308.00	100	Vertical	Pass
4	5697.600	97.28	-3.93	--	--	Peak	51.00	300	Vertical	N/A
4**	5697.600	90.21	-3.93	--	--	AV	51.00	300	Vertical	N/A
5	7554.013	48.54	-1.56	74.0	25.46	Peak	344.00	200	Vertical	Pass
5**	7554.013	39.75	-1.56	54.0	14.25	AV	344.00	200	Vertical	Pass
6	11681.362	51.42	2.43	74.0	22.58	Peak	82.00	200	Vertical	Pass
6**	11681.362	42.12	2.43	54.0	11.88	AV	82.00	200	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	1403.800	38.29	-17.45	74.0	35.71	Peak	99.00	100	Horizontal	Pass
1**	1403.800	28.84	-17.45	54.0	25.16	AV	99.00	100	Horizontal	Pass
2	2811.400	44.07	-10.82	74.0	29.93	Peak	212.00	150	Horizontal	Pass
2**	2811.400	34.73	-10.82	54.0	19.27	AV	212.00	150	Horizontal	Pass
3	4300.400	48.66	-4.88	74.0	25.34	Peak	146.00	200	Horizontal	Pass
3**	4300.400	39.32	-4.88	54.0	14.68	AV	146.00	200	Horizontal	Pass
4	5500.400	107.44	-2.84	--	--	Peak	96.00	400	Horizontal	N/A
4**	5500.400	99.16	-2.84	--	--	AV	96.00	400	Horizontal	N/A
5	7587.937	48.69	-2.30	74.0	25.31	Peak	176.00	200	Horizontal	Pass
5**	7587.937	38.95	-2.30	54.0	15.05	AV	176.00	200	Horizontal	Pass
6	11715.287	51.70	2.07	74.0	22.30	Peak	248.00	300	Horizontal	Pass
6**	11715.287	41.40	2.07	54.0	12.60	AV	248.00	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	1352.200	38.99	-17.62	74.0	35.01	Peak	55.00	400	Vertical	Pass
1**	1352.200	28.61	-17.62	54.0	25.39	AV	55.00	400	Vertical	Pass
2	2837.900	44.15	-10.81	74.0	29.85	Peak	149.00	300	Vertical	Pass
2**	2837.900	34.99	-10.81	54.0	19.01	AV	149.00	300	Vertical	Pass
3	4282.200	48.74	-4.72	74.0	25.26	Peak	91.00	200	Vertical	Pass
3**	4282.200	38.83	-4.72	54.0	15.17	AV	91.00	200	Vertical	Pass
4	5501.000	97.22	-2.85	--	--	Peak	330.00	300	Vertical	N/A
4**	5501.000	90.98	-2.85	--	--	AV	330.00	300	Vertical	N/A
5	7538.200	49.14	-1.69	74.0	24.86	Peak	230.00	100	Vertical	Pass
5**	7538.200	39.56	-1.69	54.0	14.44	AV	230.00	100	Vertical	Pass
6	11635.937	51.87	2.40	74.0	22.13	Peak	345.00	200	Vertical	Pass
6**	11635.937	42.24	2.40	54.0	11.76	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	1403.500	38.11	-17.46	74.0	35.89	Peak	179.00	300	Horizontal	Pass
1**	1403.500	29.46	-17.46	54.0	24.54	AV	179.00	300	Horizontal	Pass
2	2742.700	44.08	-10.67	74.0	29.92	Peak	312.00	200	Horizontal	Pass
2**	2742.700	34.37	-10.67	54.0	19.63	AV	312.00	200	Horizontal	Pass
3	4006.000	47.83	-5.73	74.0	26.17	Peak	236.00	150	Horizontal	Pass
3**	4006.000	38.85	-5.73	54.0	15.15	AV	236.00	150	Horizontal	Pass
4	5577.600	107.87	-3.15	--	--	Peak	85.00	400	Horizontal	N/A
4**	5577.600	99.39	-3.15	--	--	AV	85.00	400	Horizontal	N/A
5	7538.775	48.44	-1.69	74.0	25.56	Peak	0.00	200	Horizontal	Pass
5**	7538.775	39.94	-1.69	54.0	14.06	AV	0.00	200	Horizontal	Pass
6	11655.775	52.32	2.53	74.0	21.68	Peak	279.00	200	Horizontal	Pass
6**	11655.775	42.60	2.53	54.0	11.40	AV	279.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.100	38.08	-17.73	74.0	35.92	Peak	26.00	100	Vertical	Pass
1**	1335.100	28.29	-17.73	54.0	25.71	AV	26.00	100	Vertical	Pass
2	2765.300	43.90	-11.20	74.0	30.10	Peak	66.00	150	Vertical	Pass
2**	2765.300	34.58	-11.20	54.0	19.42	AV	66.00	150	Vertical	Pass
3	4210.400	48.54	-5.00	74.0	25.46	Peak	55.00	200	Vertical	Pass
3**	4210.400	39.47	-5.00	54.0	14.53	AV	55.00	200	Vertical	Pass
4	5580.800	97.82	-3.23	--	--	Peak	337.00	200	Vertical	N/A
4**	5580.800	90.97	-3.23	--	--	AV	337.00	200	Vertical	N/A
5	7336.663	48.87	-2.57	74.0	25.13	Peak	240.00	150	Vertical	Pass
5**	7336.663	38.88	-2.57	54.0	15.12	AV	240.00	150	Vertical	Pass
6	12239.400	51.90	2.64	74.0	22.10	Peak	1.00	100	Vertical	Pass
6**	12239.400	42.61	2.64	54.0	11.39	AV	1.00	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	1382.900	37.72	-17.53	74.0	36.28	Peak	187.00	150	Horizontal	Pass
1**	1382.900	28.32	-17.53	54.0	25.68	AV	187.00	150	Horizontal	Pass
2	2854.900	44.04	-10.66	74.0	29.96	Peak	226.00	400	Horizontal	Pass
2**	2854.900	34.86	-10.66	54.0	19.14	AV	226.00	400	Horizontal	Pass
3	4277.000	48.43	-4.75	74.0	25.57	Peak	75.00	100	Horizontal	Pass
3**	4277.000	39.41	-4.75	54.0	14.59	AV	75.00	100	Horizontal	Pass
4	5701.200	107.07	-3.90	--	--	Peak	82.00	300	Horizontal	N/A
4**	5701.200	99.64	-3.90	--	--	AV	82.00	300	Horizontal	N/A
5	7403.650	48.46	-1.67	74.0	25.54	Peak	281.00	150	Horizontal	Pass
5**	7403.650	40.31	-1.67	54.0	13.69	AV	281.00	150	Horizontal	Pass
6	11668.138	52.16	2.48	74.0	21.84	Peak	196.00	400	Horizontal	Pass
6**	11668.138	42.81	2.48	54.0	11.19	AV	196.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1355.700	38.75	-17.55	74.0	35.25	Peak	332.00	300	Vertical	Pass
1**	1355.700	28.98	-17.55	54.0	25.02	AV	332.00	300	Vertical	Pass
2	2874.300	44.00	-10.58	74.0	30.00	Peak	144.00	400	Vertical	Pass
2**	2874.300	34.38	-10.58	54.0	19.62	AV	144.00	400	Vertical	Pass
3	4273.200	49.00	-4.76	74.0	25.00	Peak	360.00	100	Vertical	Pass
3**	4273.200	38.97	-4.76	54.0	15.03	AV	360.00	100	Vertical	Pass
4	5701.400	96.24	-3.89	--	--	Peak	53.00	400	Vertical	N/A
4**	5701.400	89.02	-3.89	--	--	AV	53.00	400	Vertical	N/A
5	7591.100	48.38	-2.34	74.0	25.62	Peak	220.00	200	Vertical	Pass
5**	7591.100	38.72	-2.34	54.0	15.28	AV	220.00	200	Vertical	Pass
6	12221.575	51.64	2.60	74.0	22.36	Peak	359.00	100	Vertical	Pass
6**	12221.575	42.77	2.60	54.0	11.23	AV	359.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1362.800	37.80	-17.55	74.0	36.20	Peak	111.00	100	Horizontal	Pass
1**	1362.800	29.15	-17.55	54.0	24.85	AV	111.00	100	Horizontal	Pass
2	2802.400	44.14	-11.10	74.0	29.86	Peak	324.00	150	Horizontal	Pass
2**	2802.400	34.99	-11.10	54.0	19.01	AV	324.00	150	Horizontal	Pass
3	4275.000	49.40	-4.77	74.0	24.60	Peak	6.00	200	Horizontal	Pass
3**	4275.000	39.68	-4.77	54.0	14.32	AV	6.00	200	Horizontal	Pass
4	5511.800	102.95	-2.90	--	--	Peak	174.00	100	Horizontal	N/A
4**	5511.800	96.12	-2.90	--	--	AV	174.00	100	Horizontal	N/A
5	7538.487	48.52	-1.69	74.0	25.48	Peak	281.00	200	Horizontal	Pass
5**	7538.487	39.54	-1.69	54.0	14.46	AV	281.00	200	Horizontal	Pass
6	11652.612	51.31	2.55	74.0	22.69	Peak	256.00	400	Horizontal	Pass
6**	11652.612	42.23	2.55	54.0	11.77	AV	256.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1351.700	37.86	-17.63	74.0	36.14	Peak	360.00	300	Vertical	Pass
1**	1351.700	28.85	-17.63	54.0	25.15	AV	360.00	300	Vertical	Pass
2	2854.300	44.16	-10.66	74.0	29.84	Peak	178.00	300	Vertical	Pass
2**	2854.300	34.69	-10.66	54.0	19.31	AV	178.00	300	Vertical	Pass
3	4295.800	49.09	-4.87	74.0	24.91	Peak	174.00	100	Vertical	Pass
3**	4295.800	39.15	-4.87	54.0	14.85	AV	174.00	100	Vertical	Pass
4	5514.400	93.34	-3.00	--	--	Peak	283.00	400	Vertical	N/A
4**	5514.400	85.67	-3.00	--	--	AV	283.00	400	Vertical	N/A
5	7608.925	48.52	-2.27	74.0	25.48	Peak	109.00	200	Vertical	Pass
5**	7608.925	38.80	-2.27	54.0	15.20	AV	109.00	200	Vertical	Pass
6	11682.800	51.29	2.43	74.0	22.71	Peak	208.00	200	Vertical	Pass
6**	11682.800	42.58	2.43	54.0	11.42	AV	208.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1365.400	37.95	-17.53	74.0	36.05	Peak	238.00	150	Horizontal	Pass
1**	1365.400	28.91	-17.53	54.0	25.09	AV	238.00	150	Horizontal	Pass
2	2845.700	44.11	-10.79	74.0	29.89	Peak	281.00	400	Horizontal	Pass
2**	2845.700	34.30	-10.79	54.0	19.70	AV	281.00	400	Horizontal	Pass
3	4179.000	48.83	-4.96	74.0	25.17	Peak	39.00	200	Horizontal	Pass
3**	4179.000	38.84	-4.96	54.0	15.16	AV	39.00	200	Horizontal	Pass
4	5586.000	101.86	-3.23	--	--	Peak	64.00	300	Horizontal	N/A
4**	5586.000	94.27	-3.23	--	--	AV	64.00	300	Horizontal	N/A
5	7540.212	48.35	-1.67	74.0	25.65	Peak	158.00	100	Horizontal	Pass
5**	7540.212	39.99	-1.67	54.0	14.01	AV	158.00	100	Horizontal	Pass
6	12264.988	51.44	2.54	74.0	22.56	Peak	342.00	100	Horizontal	Pass
6**	12264.988	41.87	2.54	54.0	12.13	AV	342.00	100	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	1345.400	38.91	-17.67	74.0	35.09	Peak	265.00	400	Vertical	Pass
1**	1345.400	29.19	-17.67	54.0	24.81	AV	265.00	400	Vertical	Pass
2	2862.400	44.39	-10.60	74.0	29.61	Peak	127.00	100	Vertical	Pass
2**	2862.400	35.04	-10.60	54.0	18.96	AV	127.00	100	Vertical	Pass
3	4293.200	49.18	-4.77	74.0	24.82	Peak	156.00	100	Vertical	Pass
3**	4293.200	39.68	-4.77	54.0	14.32	AV	156.00	100	Vertical	Pass
4	5595.600	93.20	-3.20	--	--	Peak	47.00	400	Vertical	N/A
4**	5595.600	85.34	-3.20	--	--	AV	47.00	400	Vertical	N/A
5	7559.475	48.48	-1.72	74.0	25.52	Peak	22.00	100	Vertical	Pass
5**	7559.475	39.50	-1.72	54.0	14.50	AV	22.00	100	Vertical	Pass
6	12231.925	51.19	2.62	74.0	22.81	Peak	232.00	100	Vertical	Pass
6**	12231.925	43.00	2.62	54.0	11.00	AV	232.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.900	38.01	-17.72	74.0	35.99	Peak	360.00	150	Horizontal	Pass
1**	1527.900	30.03	-17.72	54.0	23.97	AV	360.00	150	Horizontal	Pass
2	2719.700	44.83	-11.15	74.0	29.17	Peak	318.00	100	Horizontal	Pass
2**	2719.700	36.26	-11.15	54.0	17.74	AV	318.00	100	Horizontal	Pass
3	4245.600	49.10	-4.87	74.0	24.90	Peak	250.00	150	Horizontal	Pass
3**	4245.600	39.14	-4.87	54.0	14.86	AV	250.00	150	Horizontal	Pass
4	5672.200	102.55	-3.72	--	--	Peak	92.00	300	Horizontal	N/A
4**	5672.200	95.68	-3.72	--	--	AV	92.00	300	Horizontal	N/A
5	7418.600	48.79	-2.03	74.0	25.21	Peak	354.00	200	Horizontal	Pass
5**	7418.600	39.31	-2.03	54.0	14.69	AV	354.00	200	Horizontal	Pass
6	11698.326	51.51	2.32	74.0	22.49	Peak	205.00	400	Horizontal	Pass
6**	11698.326	41.38	2.32	54.0	12.62	AV	205.00	400	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	1331.600	37.91	-17.73	74.0	36.09	Peak	242.00	300	Vertical	Pass
1**	1331.600	29.35	-17.73	54.0	24.65	AV	242.00	300	Vertical	Pass
2	2718.300	44.28	-11.23	74.0	29.72	Peak	271.00	200	Vertical	Pass
2**	2718.300	34.53	-11.23	54.0	19.47	AV	271.00	200	Vertical	Pass
3	4294.600	49.24	-4.83	74.0	24.76	Peak	334.00	150	Vertical	Pass
3**	4294.600	39.93	-4.83	54.0	14.07	AV	334.00	150	Vertical	Pass
4	5673.600	91.99	-3.72	--	--	Peak	47.00	200	Vertical	N/A
4**	5673.600	85.18	-3.72	--	--	AV	47.00	200	Vertical	N/A
5	7423.200	48.00	-2.11	74.0	26.00	Peak	207.00	100	Vertical	Pass
5**	7423.200	39.02	-2.11	54.0	14.98	AV	207.00	100	Vertical	Pass
6	12255.787	51.81	2.61	74.0	22.19	Peak	34.00	300	Vertical	Pass
6**	12255.787	42.60	2.61	54.0	11.40	AV	34.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1553.400	38.30	-17.71	74.0	35.70	Peak	122.00	150	Horizontal	Pass
1**	1553.400	28.41	-17.71	54.0	25.59	AV	122.00	150	Horizontal	Pass
2	2878.000	43.91	-10.39	74.0	30.09	Peak	252.00	200	Horizontal	Pass
2**	2878.000	34.66	-10.39	54.0	19.34	AV	252.00	200	Horizontal	Pass
3	4252.600	48.62	-4.72	74.0	25.38	Peak	358.00	200	Horizontal	Pass
3**	4252.600	39.03	-4.72	54.0	14.97	AV	358.00	200	Horizontal	Pass
4	5498.400	108.24	-2.82	--	--	Peak	308.00	200	Horizontal	N/A
4**	5498.400	100.57	-2.82	--	--	AV	308.00	200	Horizontal	N/A
5	7592.538	48.35	-2.36	74.0	25.65	Peak	318.00	100	Horizontal	Pass
5**	7592.538	39.63	-2.36	54.0	14.37	AV	318.00	100	Horizontal	Pass
6	11684.813	51.20	2.42	74.0	22.80	Peak	244.00	300	Horizontal	Pass
6**	11684.813	42.31	2.42	54.0	11.69	AV	244.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1348.600	38.41	-17.69	74.0	35.59	Peak	298.00	200	Vertical	Pass
1**	1348.600	28.65	-17.69	54.0	25.35	AV	298.00	200	Vertical	Pass
2	2846.000	44.05	-10.79	74.0	29.95	Peak	0.00	300	Vertical	Pass
2**	2846.000	35.05	-10.79	54.0	18.95	AV	0.00	300	Vertical	Pass
3	4280.400	48.50	-4.80	74.0	25.50	Peak	360.00	200	Vertical	Pass
3**	4280.400	39.60	-4.80	54.0	14.40	AV	360.00	200	Vertical	Pass
4	5496.200	97.44	-2.80	--	--	Peak	332.00	100	Vertical	N/A
4**	5496.200	89.40	-2.80	--	--	AV	332.00	100	Vertical	N/A
5	7391.862	48.89	-1.72	74.0	25.11	Peak	94.00	150	Vertical	Pass
5**	7391.862	39.31	-1.72	54.0	14.69	AV	94.00	150	Vertical	Pass
6	12226.463	51.83	2.61	74.0	22.17	Peak	129.00	100	Vertical	Pass
6**	12226.463	42.11	2.61	54.0	11.89	AV	129.00	100	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	1331.000	38.05	-17.72	74.0	35.95	Peak	1.00	300	Horizontal	Pass
1**	1331.000	28.96	-17.72	54.0	25.04	AV	1.00	300	Horizontal	Pass
2	2727.600	44.40	-10.71	74.0	29.60	Peak	2.00	400	Horizontal	Pass
2**	2727.600	35.42	-10.71	54.0	18.58	AV	2.00	400	Horizontal	Pass
3	4271.600	48.83	-4.79	74.0	25.17	Peak	167.00	150	Horizontal	Pass
3**	4271.600	39.77	-4.79	54.0	14.23	AV	167.00	150	Horizontal	Pass
4	5578.400	108.09	-3.15	--	--	Peak	81.00	200	Horizontal	N/A
4**	5578.400	99.74	-3.15	--	--	AV	81.00	200	Horizontal	N/A
5	7540.788	48.76	-1.66	74.0	25.24	Peak	244.00	200	Horizontal	Pass
5**	7540.788	39.32	-1.66	54.0	14.68	AV	244.00	200	Horizontal	Pass
6	12337.724	52.05	2.10	74.0	21.95	Peak	359.00	400	Horizontal	Pass
6**	12337.724	43.18	2.10	54.0	10.82	AV	359.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1317.900	38.47	-17.59	74.0	35.53	Peak	1.00	200	Vertical	Pass
1**	1317.900	28.86	-17.59	54.0	25.14	AV	1.00	200	Vertical	Pass
2	2724.700	44.42	-10.77	74.0	29.58	Peak	60.00	400	Vertical	Pass
2**	2724.700	34.98	-10.77	54.0	19.02	AV	60.00	400	Vertical	Pass
3	4291.800	48.47	-4.76	74.0	25.53	Peak	242.00	150	Vertical	Pass
3**	4291.800	40.69	-4.76	54.0	13.31	AV	242.00	150	Vertical	Pass
4	5584.400	98.35	-3.26	--	--	Peak	50.00	400	Vertical	N/A
4**	5584.400	88.97	-3.26	--	--	AV	50.00	400	Vertical	N/A
5	7549.125	48.28	-1.60	74.0	25.72	Peak	332.00	100	Vertical	Pass
5**	7549.125	39.72	-1.60	54.0	14.28	AV	332.00	100	Vertical	Pass
6	11656.350	51.32	2.53	74.0	22.68	Peak	233.00	200	Vertical	Pass
6**	11656.350	42.27	2.53	54.0	11.73	AV	233.00	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	1398.600	38.13	-17.64	74.0	35.87	Peak	2.00	200	Horizontal	Pass
1**	1398.600	28.23	-17.64	54.0	25.77	AV	2.00	200	Horizontal	Pass
2	2824.300	44.35	-10.51	74.0	29.65	Peak	262.00	150	Horizontal	Pass
2**	2824.300	34.48	-10.51	54.0	19.52	AV	262.00	150	Horizontal	Pass
3	4273.000	48.37	-4.76	74.0	25.63	Peak	114.00	100	Horizontal	Pass
3**	4273.000	39.24	-4.76	54.0	14.76	AV	114.00	100	Horizontal	Pass
4	5702.800	106.92	-3.88	--	--	Peak	81.00	200	Horizontal	N/A
4**	5702.800	100.07	-3.88	--	--	AV	81.00	200	Horizontal	N/A
5	7543.088	48.75	-1.63	74.0	25.25	Peak	46.00	200	Horizontal	Pass
5**	7543.088	39.98	-1.63	54.0	14.02	AV	46.00	200	Horizontal	Pass
6	11679.350	52.57	2.44	74.0	21.43	Peak	355.00	200	Horizontal	Pass
6**	11679.350	42.15	2.44	54.0	11.85	AV	355.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.600	39.18	-17.73	74.0	34.82	Peak	268.00	150	Vertical	Pass
1**	1487.600	28.40	-17.73	54.0	25.60	AV	268.00	150	Vertical	Pass
2	2711.900	44.11	-11.47	74.0	29.89	Peak	143.00	400	Vertical	Pass
2**	2711.900	35.36	-11.47	54.0	18.64	AV	143.00	400	Vertical	Pass
3	4202.800	49.19	-5.20	74.0	24.81	Peak	360.00	200	Vertical	Pass
3**	4202.800	39.33	-5.20	54.0	14.67	AV	360.00	200	Vertical	Pass
4	5698.400	97.96	-3.93	--	--	Peak	48.00	400	Vertical	N/A
4**	5698.400	89.97	-3.93	--	--	AV	48.00	400	Vertical	N/A
5	7611.225	48.21	-2.21	74.0	25.79	Peak	329.00	100	Vertical	Pass
5**	7611.225	38.95	-2.21	54.0	15.05	AV	329.00	100	Vertical	Pass
6	11664.687	51.58	2.50	74.0	22.42	Peak	34.00	300	Vertical	Pass
6**	11664.687	42.96	2.50	54.0	11.04	AV	34.00	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	1418.300	40.64	-17.55	74.0	33.36	Peak	325.00	300	Horizontal	Pass
1**	1418.300	29.31	-17.55	54.0	24.69	AV	325.00	300	Horizontal	Pass
2	2856.900	44.02	-10.62	74.0	29.98	Peak	193.00	300	Horizontal	Pass
2**	2856.900	34.56	-10.62	54.0	19.44	AV	193.00	300	Horizontal	Pass
3	4235.000	48.50	-5.15	74.0	25.50	Peak	216.00	200	Horizontal	Pass
3**	4235.000	39.56	-5.15	54.0	14.44	AV	216.00	200	Horizontal	Pass
4	5511.800	104.03	-2.90	--	--	Peak	283.00	400	Horizontal	N/A
4**	5511.800	97.82	-2.90	--	--	AV	283.00	400	Horizontal	N/A
5	7409.975	48.78	-1.77	74.0	25.22	Peak	109.00	200	Horizontal	Pass
5**	7409.975	39.57	-1.77	54.0	14.43	AV	109.00	200	Horizontal	Pass
6	11700.338	51.67	2.30	74.0	22.33	Peak	146.00	200	Horizontal	Pass
6**	11700.338	41.76	2.30	54.0	12.24	AV	146.00	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	1414.200	39.17	-17.47	74.0	34.83	Peak	274.00	100	Vertical	Pass
1**	1414.200	30.50	-17.47	54.0	23.50	AV	274.00	100	Vertical	Pass
2	2736.400	43.91	-10.77	74.0	30.09	Peak	274.00	200	Vertical	Pass
2**	2736.400	35.40	-10.77	54.0	18.60	AV	274.00	200	Vertical	Pass
3	4268.000	48.75	-4.82	74.0	25.25	Peak	333.00	100	Vertical	Pass
3**	4268.000	39.51	-4.82	54.0	14.49	AV	333.00	100	Vertical	Pass
4	5511.800	96.11	-2.90	--	--	Peak	290.00	100	Vertical	N/A
4**	5511.800	87.88	-2.90	--	--	AV	290.00	100	Vertical	N/A
5	7548.263	48.46	-1.59	74.0	25.54	Peak	296.00	150	Vertical	Pass
5**	7548.263	40.00	-1.59	54.0	14.00	AV	296.00	150	Vertical	Pass
6	11673.026	51.86	2.46	74.0	22.14	Peak	22.00	100	Vertical	Pass
6**	11673.026	42.57	2.46	54.0	11.43	AV	22.00	100	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	1365.400	38.13	-17.53	74.0	35.87	Peak	352.00	200	Horizontal	Pass
1**	1365.400	28.75	-17.53	54.0	25.25	AV	352.00	200	Horizontal	Pass
2	2866.700	44.22	-10.60	74.0	29.78	Peak	62.00	200	Horizontal	Pass
2**	2866.700	34.39	-10.60	54.0	19.61	AV	62.00	200	Horizontal	Pass
3	4320.200	48.20	-4.91	74.0	25.80	Peak	215.00	200	Horizontal	Pass
3**	4320.200	38.25	-4.91	54.0	15.75	AV	215.00	200	Horizontal	Pass
4	5585.800	103.68	-3.23	--	--	Peak	84.00	100	Horizontal	N/A
4**	5585.800	96.09	-3.23	--	--	AV	84.00	100	Horizontal	N/A
5	7496.800	48.37	-1.85	74.0	25.63	Peak	133.00	200	Horizontal	Pass
5**	7496.800	39.30	-1.85	54.0	14.70	AV	133.00	200	Horizontal	Pass
6	12270.162	51.97	2.49	74.0	22.03	Peak	28.00	200	Horizontal	Pass
6**	12270.162	41.75	2.49	54.0	12.25	AV	28.00	200	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	1363.800	38.03	-17.52	74.0	35.97	Peak	156.00	150	Vertical	Pass
1**	1363.800	28.72	-17.52	54.0	25.28	AV	156.00	150	Vertical	Pass
2	2801.300	44.35	-11.11	74.0	29.65	Peak	170.00	200	Vertical	Pass
2**	2801.300	34.57	-11.11	54.0	19.43	AV	170.00	200	Vertical	Pass
3	4217.200	48.51	-4.78	74.0	25.49	Peak	360.00	100	Vertical	Pass
3**	4217.200	39.13	-4.78	54.0	14.87	AV	360.00	100	Vertical	Pass
4	5592.400	94.58	-3.28	--	--	Peak	47.00	100	Vertical	N/A
4**	5592.400	87.04	-3.28	--	--	AV	47.00	100	Vertical	N/A
5	7560.625	48.87	-1.78	74.0	25.13	Peak	70.00	100	Vertical	Pass
5**	7560.625	39.33	-1.78	54.0	14.67	AV	70.00	100	Vertical	Pass
6	11644.276	52.06	2.49	74.0	21.94	Peak	80.00	100	Vertical	Pass
6**	11644.276	42.17	2.49	54.0	11.83	AV	80.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1323.200	38.16	-17.58	74.0	35.84	Peak	7.00	300	Horizontal	Pass
1**	1323.200	28.80	-17.58	54.0	25.20	AV	7.00	300	Horizontal	Pass
2	2806.900	44.22	-10.96	74.0	29.78	Peak	227.00	300	Horizontal	Pass
2**	2806.900	34.31	-10.96	54.0	19.69	AV	227.00	300	Horizontal	Pass
3	4286.000	48.21	-4.73	74.0	25.79	Peak	143.00	200	Horizontal	Pass
3**	4286.000	39.72	-4.73	54.0	14.28	AV	143.00	200	Horizontal	Pass
4	5668.400	103.31	-3.60	--	--	Peak	101.00	100	Horizontal	N/A
4**	5668.400	95.71	-3.60	--	--	AV	101.00	100	Horizontal	N/A
5	7541.938	47.99	-1.64	74.0	26.01	Peak	240.00	150	Horizontal	Pass
5**	7541.938	40.42	-1.64	54.0	13.58	AV	240.00	150	Horizontal	Pass
6	12213.526	52.31	2.58	74.0	21.69	Peak	28.00	400	Horizontal	Pass
6**	12213.526	41.98	2.58	54.0	12.02	AV	28.00	400	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	1347.000	38.54	-17.68	74.0	35.46	Peak	180.00	100	Vertical	Pass
1**	1347.000	28.61	-17.68	54.0	25.39	AV	180.00	100	Vertical	Pass
2	2803.100	43.83	-11.09	74.0	30.17	Peak	161.00	100	Vertical	Pass
2**	2803.100	33.99	-11.09	54.0	20.01	AV	161.00	100	Vertical	Pass
3	4061.400	47.87	-5.48	74.0	26.13	Peak	198.00	150	Vertical	Pass
3**	4061.400	38.97	-5.48	54.0	15.03	AV	198.00	150	Vertical	Pass
4	5667.000	93.01	-3.57	--	--	Peak	351.00	400	Vertical	N/A
4**	5667.000	85.26	-3.57	--	--	AV	351.00	400	Vertical	N/A
5	7396.750	48.60	-1.65	74.0	25.40	Peak	360.00	150	Vertical	Pass
5**	7396.750	39.14	-1.65	54.0	14.86	AV	360.00	150	Vertical	Pass
6	11664.400	51.58	2.50	74.0	22.42	Peak	302.00	100	Vertical	Pass
6**	11664.400	42.57	2.50	54.0	11.43	AV	302.00	100	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	1344.800	38.16	-17.66	74.0	35.84	Peak	153.00	200	Horizontal	Pass
1**	1344.800	28.75	-17.66	54.0	25.25	AV	153.00	200	Horizontal	Pass
2	2825.700	44.52	-10.49	74.0	29.48	Peak	48.00	300	Horizontal	Pass
2**	2825.700	34.03	-10.49	54.0	19.97	AV	48.00	300	Horizontal	Pass
3	4292.600	48.32	-4.75	74.0	25.68	Peak	62.00	100	Horizontal	Pass
3**	4292.600	39.66	-4.75	54.0	14.34	AV	62.00	100	Horizontal	Pass
4	5543.400	101.54	-2.83	--	--	Peak	208.00	200	Horizontal	N/A
4**	5543.400	94.37	-2.83	--	--	AV	208.00	200	Horizontal	N/A
5	7488.462	48.76	-1.84	74.0	25.24	Peak	90.00	150	Horizontal	Pass
5**	7488.462	38.70	-1.84	54.0	15.30	AV	90.00	150	Horizontal	Pass
6	12270.162	51.72	2.49	74.0	22.28	Peak	27.00	300	Horizontal	Pass
6**	12270.162	42.52	2.49	54.0	11.48	AV	27.00	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	1389.700	38.16	-17.42	74.0	35.84	Peak	332.00	200	Vertical	Pass
1**	1389.700	28.76	-17.42	54.0	25.24	AV	332.00	200	Vertical	Pass
2	2743.300	44.30	-10.66	74.0	29.70	Peak	194.00	300	Vertical	Pass
2**	2743.300	34.39	-10.66	54.0	19.61	AV	194.00	300	Vertical	Pass
3	4277.600	48.95	-4.74	74.0	25.05	Peak	360.00	150	Vertical	Pass
3**	4277.600	39.41	-4.74	54.0	14.59	AV	360.00	150	Vertical	Pass
4	5539.800	91.87	-2.85	--	--	Peak	50.00	100	Vertical	N/A
4**	5539.800	83.94	-2.85	--	--	AV	50.00	100	Vertical	N/A
5	7422.338	48.29	-2.11	74.0	25.71	Peak	133.00	200	Vertical	Pass
5**	7422.338	39.10	-2.11	54.0	14.90	AV	133.00	200	Vertical	Pass
6	11653.763	52.05	2.54	74.0	21.95	Peak	218.00	100	Vertical	Pass
6**	11653.763	43.82	2.54	54.0	10.18	AV	218.00	100	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	1342.200	37.50	-17.69	74.0	36.50	Peak	160.00	200	Horizontal	Pass
1**	1342.200	28.64	-17.69	54.0	25.36	AV	160.00	200	Horizontal	Pass
2	2744.400	44.15	-10.70	74.0	29.85	Peak	336.00	200	Horizontal	Pass
2**	2744.400	34.51	-10.70	54.0	19.49	AV	336.00	200	Horizontal	Pass
3	4317.800	48.41	-4.98	74.0	25.59	Peak	266.00	200	Horizontal	Pass
3**	4317.800	39.11	-4.98	54.0	14.89	AV	266.00	200	Horizontal	Pass
4	5623.200	101.40	-3.18	--	--	Peak	288.00	400	Horizontal	N/A
4**	5623.200	92.98	-3.18	--	--	AV	288.00	400	Horizontal	N/A
5	7541.650	48.26	-1.64	74.0	25.74	Peak	336.00	200	Horizontal	Pass
5**	7541.650	39.63	-1.64	54.0	14.37	AV	336.00	200	Horizontal	Pass
6	11666.700	51.58	2.49	74.0	22.42	Peak	304.00	300	Horizontal	Pass
6**	11666.700	42.27	2.49	54.0	11.73	AV	304.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1349.600	38.26	-17.70	74.0	35.74	Peak	139.00	400	Vertical	Pass
1**	1349.600	29.21	-17.70	54.0	24.79	AV	139.00	400	Vertical	Pass
2	2720.200	45.04	-11.12	74.0	28.96	Peak	200.00	200	Vertical	Pass
2**	2720.200	34.29	-11.12	54.0	19.71	AV	200.00	200	Vertical	Pass
3	4239.800	49.04	-5.08	74.0	24.96	Peak	31.00	100	Vertical	Pass
3**	4239.800	38.98	-5.08	54.0	15.02	AV	31.00	100	Vertical	Pass
4	5612.600	92.52	-3.07	--	--	Peak	360.00	200	Vertical	N/A
4**	5612.600	85.77	-3.07	--	--	AV	360.00	200	Vertical	N/A
5	7492.200	48.74	-1.85	74.0	25.26	Peak	144.00	100	Vertical	Pass
5**	7492.200	38.79	-1.85	54.0	15.21	AV	144.00	100	Vertical	Pass
6	11659.513	51.42	2.52	74.0	22.58	Peak	229.00	200	Vertical	Pass
6**	11659.513	43.01	2.52	54.0	10.99	AV	229.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1365.100	38.92	-17.52	74.0	35.08	Peak	180.00	150	Horizontal	Pass
1**	1365.100	29.17	-17.52	54.0	24.83	AV	180.00	150	Horizontal	Pass
2	2852.500	43.86	-10.69	74.0	30.14	Peak	91.00	100	Horizontal	Pass
2**	2852.500	34.70	-10.69	54.0	19.30	AV	91.00	100	Horizontal	Pass
3	4212.000	48.85	-4.92	74.0	25.15	Peak	304.00	150	Horizontal	Pass
3**	4212.000	39.27	-4.92	54.0	14.73	AV	304.00	150	Horizontal	Pass
4	5746.400	106.22	-3.59	--	--	Peak	184.00	100	Horizontal	N/A
4**	5746.400	100.12	-3.59	--	--	AV	184.00	100	Horizontal	N/A
5	7396.175	48.74	-1.62	74.0	25.26	Peak	111.00	200	Horizontal	Pass
5**	7396.175	39.63	-1.62	54.0	14.37	AV	111.00	200	Horizontal	Pass
6	11660.088	51.40	2.52	74.0	22.60	Peak	7.00	200	Horizontal	Pass
6**	11660.088	42.69	2.52	54.0	11.31	AV	7.00	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	1310.900	38.25	-17.44	74.0	35.75	Peak	19.00	200	Vertical	Pass
1**	1310.900	28.87	-17.44	54.0	25.13	AV	19.00	200	Vertical	Pass
2	2720.100	44.05	-11.12	74.0	29.95	Peak	199.00	100	Vertical	Pass
2**	2720.100	34.57	-11.12	54.0	19.43	AV	199.00	100	Vertical	Pass
3	4101.800	48.43	-5.30	74.0	25.57	Peak	360.00	150	Vertical	Pass
3**	4101.800	38.30	-5.30	54.0	15.70	AV	360.00	150	Vertical	Pass
4	5745.800	98.59	-3.58	--	--	Peak	45.00	400	Vertical	N/A
4**	5745.800	92.08	-3.58	--	--	AV	45.00	400	Vertical	N/A
5	7582.762	48.69	-2.26	74.0	25.31	Peak	18.00	150	Vertical	Pass
5**	7582.762	38.85	-2.26	54.0	15.15	AV	18.00	150	Vertical	Pass
6	11659.513	51.62	2.52	74.0	22.38	Peak	7.00	300	Vertical	Pass
6**	11659.513	42.95	2.52	54.0	11.05	AV	7.00	300	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	1524.900	38.13	-17.71	74.0	35.87	Peak	26.00	150	Horizontal	Pass
1**	1524.900	28.75	-17.71	54.0	25.25	AV	26.00	150	Horizontal	Pass
2	2799.800	44.27	-11.13	74.0	29.73	Peak	297.00	400	Horizontal	Pass
2**	2799.800	34.03	-11.13	54.0	19.97	AV	297.00	400	Horizontal	Pass
3	4021.000	48.54	-5.73	74.0	25.46	Peak	360.00	100	Horizontal	Pass
3**	4021.000	38.53	-5.73	54.0	15.47	AV	360.00	100	Horizontal	Pass
4	5786.800	107.48	-2.98	--	--	Peak	227.00	400	Horizontal	N/A
4**	5786.800	100.44	-2.98	--	--	AV	227.00	400	Horizontal	N/A
5	7544.237	48.11	-1.62	74.0	25.89	Peak	359.00	100	Horizontal	Pass
5**	7544.237	40.11	-1.62	54.0	13.89	AV	359.00	100	Horizontal	Pass
6	12229.049	51.61	2.62	74.0	22.39	Peak	101.00	200	Horizontal	Pass
6**	12229.049	42.35	2.62	54.0	11.65	AV	101.00	200	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	1411.200	38.32	-17.47	74.0	35.68	Peak	98.00	100	Vertical	Pass
1**	1411.200	29.12	-17.47	54.0	24.88	AV	98.00	100	Vertical	Pass
2	2851.600	44.06	-10.71	74.0	29.94	Peak	33.00	300	Vertical	Pass
2**	2851.600	34.79	-10.71	54.0	19.21	AV	33.00	300	Vertical	Pass
3	4295.400	48.67	-4.86	74.0	25.33	Peak	85.00	100	Vertical	Pass
3**	4295.400	39.33	-4.86	54.0	14.67	AV	85.00	100	Vertical	Pass
4	5786.400	99.68	-2.99	--	--	Peak	49.00	100	Vertical	N/A
4**	5786.400	92.51	-2.99	--	--	AV	49.00	100	Vertical	N/A
5	7407.100	48.02	-1.73	74.0	25.98	Peak	227.00	100	Vertical	Pass
5**	7407.100	39.82	-1.73	54.0	14.18	AV	227.00	100	Vertical	Pass
6	11656.350	51.52	2.53	74.0	22.48	Peak	69.00	300	Vertical	Pass
6**	11656.350	42.36	2.53	54.0	11.64	AV	69.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1317.100	38.64	-17.58	74.0	35.36	Peak	291.00	100	Horizontal	Pass
1**	1317.100	29.03	-17.58	54.0	24.97	AV	291.00	100	Horizontal	Pass
2	2868.900	44.46	-10.60	74.0	29.54	Peak	76.00	400	Horizontal	Pass
2**	2868.900	34.57	-10.60	54.0	19.43	AV	76.00	400	Horizontal	Pass
3	4259.800	49.23	-4.73	74.0	24.77	Peak	34.00	100	Horizontal	Pass
3**	4259.800	39.38	-4.73	54.0	14.62	AV	34.00	100	Horizontal	Pass
4	5823.800	107.69	-2.75	--	--	Peak	294.00	400	Horizontal	N/A
4**	5823.800	100.13	-2.75	--	--	AV	294.00	400	Horizontal	N/A
5	7556.888	48.90	-1.66	74.0	25.10	Peak	175.00	150	Horizontal	Pass
5**	7556.888	39.71	-1.66	54.0	14.29	AV	175.00	150	Horizontal	Pass
6	12248.887	51.69	2.66	74.0	22.31	Peak	334.00	300	Horizontal	Pass
6**	12248.887	42.18	2.66	54.0	11.82	AV	334.00	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	1332.900	38.45	-17.75	74.0	35.55	Peak	0.00	100	Vertical	Pass
1**	1332.900	28.82	-17.75	54.0	25.18	AV	0.00	100	Vertical	Pass
2	2811.400	44.18	-10.82	74.0	29.82	Peak	215.00	400	Vertical	Pass
2**	2811.400	35.14	-10.82	54.0	18.86	AV	215.00	400	Vertical	Pass
3	4271.200	49.12	-4.79	74.0	24.88	Peak	360.00	100	Vertical	Pass
3**	4271.200	39.88	-4.79	54.0	14.12	AV	360.00	100	Vertical	Pass
4	5823.200	98.64	-2.75	--	--	Peak	48.00	100	Vertical	N/A
4**	5823.200	91.73	-2.75	--	--	AV	48.00	100	Vertical	N/A
5	7489.612	48.49	-1.82	74.0	25.51	Peak	239.00	100	Vertical	Pass
5**	7489.612	39.48	-1.82	54.0	14.52	AV	239.00	100	Vertical	Pass
6	12236.526	51.54	2.63	74.0	22.46	Peak	144.00	100	Vertical	Pass
6**	12236.526	42.53	2.63	54.0	11.47	AV	144.00	100	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	1414.800	38.78	-17.47	74.0	35.22	Peak	249.00	200	Horizontal	Pass
1**	1414.800	28.78	-17.47	54.0	25.22	AV	249.00	200	Horizontal	Pass
2	2842.400	44.42	-10.82	74.0	29.58	Peak	104.00	400	Horizontal	Pass
2**	2842.400	34.70	-10.82	54.0	19.30	AV	104.00	400	Horizontal	Pass
3	4297.000	48.90	-4.91	74.0	25.10	Peak	208.00	150	Horizontal	Pass
3**	4297.000	39.55	-4.91	54.0	14.45	AV	208.00	150	Horizontal	Pass
4	5746.400	105.99	-3.59	--	--	Peak	166.00	200	Horizontal	N/A
4**	5746.400	98.86	-3.59	--	--	AV	166.00	200	Horizontal	N/A
5	7550.850	48.81	-1.59	74.0	25.19	Peak	272.00	150	Horizontal	Pass
5**	7550.850	39.02	-1.59	54.0	14.98	AV	272.00	150	Horizontal	Pass
6	11640.537	51.81	2.45	74.0	22.19	Peak	324.00	400	Horizontal	Pass
6**	11640.537	42.01	2.45	54.0	11.99	AV	324.00	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	1379.500	37.89	-17.50	74.0	36.11	Peak	79.00	150	Vertical	Pass
1**	1379.500	28.89	-17.50	54.0	25.11	AV	79.00	150	Vertical	Pass
2	2746.100	44.05	-10.77	74.0	29.95	Peak	0.00	200	Vertical	Pass
2**	2746.100	34.35	-10.77	54.0	19.65	AV	0.00	200	Vertical	Pass
3	4321.400	48.84	-4.91	74.0	25.16	Peak	149.00	150	Vertical	Pass
3**	4321.400	39.22	-4.91	54.0	14.78	AV	149.00	150	Vertical	Pass
4	5746.800	99.29	-3.59	--	--	Peak	47.00	100	Vertical	N/A
4**	5746.800	91.40	-3.59	--	--	AV	47.00	100	Vertical	N/A
5	7487.888	48.52	-1.85	74.0	25.48	Peak	250.00	150	Vertical	Pass
5**	7487.888	39.35	-1.85	54.0	14.65	AV	250.00	150	Vertical	Pass
6	11685.963	51.62	2.41	74.0	22.38	Peak	27.00	400	Vertical	Pass
6**	11685.963	42.14	2.41	54.0	11.86	AV	27.00	400	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	1401.700	38.22	-17.50	74.0	35.78	Peak	73.00	300	Horizontal	Pass
1**	1401.700	28.77	-17.50	54.0	25.23	AV	73.00	300	Horizontal	Pass
2	2818.100	44.18	-10.61	74.0	29.82	Peak	164.00	300	Horizontal	Pass
2**	2818.100	34.41	-10.61	54.0	19.59	AV	164.00	300	Horizontal	Pass
3	4290.000	48.45	-4.77	74.0	25.55	Peak	360.00	150	Horizontal	Pass
3**	4290.000	40.15	-4.77	54.0	13.85	AV	360.00	150	Horizontal	Pass
4	5783.400	106.20	-3.05	--	--	Peak	206.00	200	Horizontal	N/A
4**	5783.400	98.94	-3.05	--	--	AV	206.00	200	Horizontal	N/A
5	7542.800	48.25	-1.63	74.0	25.75	Peak	347.00	100	Horizontal	Pass
5**	7542.800	39.30	-1.63	54.0	14.70	AV	347.00	100	Horizontal	Pass
6	12237.388	52.22	2.64	74.0	21.78	Peak	220.00	400	Horizontal	Pass
6**	12237.388	42.29	2.64	54.0	11.71	AV	220.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1311.600	38.19	-17.45	74.0	35.81	Peak	12.00	200	Vertical	Pass
1**	1311.600	29.00	-17.45	54.0	25.00	AV	12.00	200	Vertical	Pass
2	2875.900	44.12	-10.53	74.0	29.88	Peak	182.00	300	Vertical	Pass
2**	2875.900	35.28	-10.53	54.0	18.72	AV	182.00	300	Vertical	Pass
3	4245.400	48.66	-4.87	74.0	25.34	Peak	360.00	200	Vertical	Pass
3**	4245.400	39.25	-4.87	54.0	14.75	AV	360.00	200	Vertical	Pass
4	5786.400	99.62	-2.99	--	--	Peak	49.00	400	Vertical	N/A
4**	5786.400	93.50	-2.99	--	--	AV	49.00	400	Vertical	N/A
5	7490.475	49.35	-1.81	74.0	24.65	Peak	199.00	150	Vertical	Pass
5**	7490.475	38.91	-1.81	54.0	15.09	AV	199.00	150	Vertical	Pass
6	12366.763	51.97	1.95	74.0	22.03	Peak	125.00	400	Vertical	Pass
6**	12366.763	41.76	1.95	54.0	12.24	AV	125.00	400	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	1470.100	39.52	-17.68	74.0	34.48	Peak	326.00	150	Horizontal	Pass
1**	1470.100	29.13	-17.68	54.0	24.87	AV	326.00	150	Horizontal	Pass
2	2804.000	44.00	-11.07	74.0	30.00	Peak	19.00	100	Horizontal	Pass
2**	2804.000	34.72	-11.07	54.0	19.28	AV	19.00	100	Horizontal	Pass
3	4331.200	48.48	-4.79	74.0	25.52	Peak	360.00	100	Horizontal	Pass
3**	4331.200	39.31	-4.79	54.0	14.69	AV	360.00	100	Horizontal	Pass
4	5823.200	106.39	-2.75	--	--	Peak	293.00	400	Horizontal	N/A
4**	5823.200	98.78	-2.75	--	--	AV	293.00	400	Horizontal	N/A
5	7554.300	48.27	-1.56	74.0	25.73	Peak	228.00	150	Horizontal	Pass
5**	7554.300	39.52	-1.56	54.0	14.48	AV	228.00	150	Horizontal	Pass
6	11660.375	51.44	2.51	74.0	22.56	Peak	112.00	200	Horizontal	Pass
6**	11660.375	42.75	2.51	54.0	11.25	AV	112.00	200	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	1318.100	37.94	-17.58	74.0	36.06	Peak	26.00	400	Vertical	Pass
1**	1318.100	28.23	-17.58	54.0	25.77	AV	26.00	400	Vertical	Pass
2	2823.900	44.37	-10.52	74.0	29.63	Peak	317.00	300	Vertical	Pass
2**	2823.900	34.71	-10.52	54.0	19.29	AV	317.00	300	Vertical	Pass
3	4251.200	48.42	-4.72	74.0	25.58	Peak	41.00	150	Vertical	Pass
3**	4251.200	40.56	-4.72	54.0	13.44	AV	41.00	150	Vertical	Pass
4	5827.000	97.74	-2.74	--	--	Peak	49.00	100	Vertical	N/A
4**	5827.000	90.56	-2.74	--	--	AV	49.00	100	Vertical	N/A
5	7552.575	48.90	-1.56	74.0	25.10	Peak	258.00	150	Vertical	Pass
5**	7552.575	39.33	-1.56	54.0	14.67	AV	258.00	150	Vertical	Pass
6	11671.012	51.56	2.47	74.0	22.44	Peak	91.00	300	Vertical	Pass
6**	11671.012	42.21	2.47	54.0	11.79	AV	91.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1392.500	37.72	-17.49	74.0	36.28	Peak	302.00	400	Horizontal	Pass
1**	1392.500	29.50	-17.49	54.0	24.50	AV	302.00	400	Horizontal	Pass
2	2779.600	44.02	-11.18	74.0	29.98	Peak	188.00	400	Horizontal	Pass
2**	2779.600	34.36	-11.18	54.0	19.64	AV	188.00	400	Horizontal	Pass
3	4288.600	48.19	-4.77	74.0	25.81	Peak	360.00	200	Horizontal	Pass
3**	4288.600	40.86	-4.77	54.0	13.14	AV	360.00	200	Horizontal	Pass
4	5756.600	102.09	-3.51	--	--	Peak	97.00	400	Horizontal	N/A
4**	5756.600	94.31	-3.51	--	--	AV	97.00	400	Horizontal	N/A
5	7403.075	48.15	-1.66	74.0	25.85	Peak	344.00	100	Horizontal	Pass
5**	7403.075	39.46	-1.66	54.0	14.54	AV	344.00	100	Horizontal	Pass
6	12283.388	51.47	2.38	74.0	22.53	Peak	344.00	400	Horizontal	Pass
6**	12283.388	41.23	2.38	54.0	12.77	AV	344.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1352.300	38.22	-17.61	74.0	35.78	Peak	328.00	300	Vertical	Pass
1**	1352.300	28.71	-17.61	54.0	25.29	AV	328.00	300	Vertical	Pass
2	2868.400	44.38	-10.60	74.0	29.62	Peak	254.00	300	Vertical	Pass
2**	2868.400	35.53	-10.60	54.0	18.47	AV	254.00	300	Vertical	Pass
3	4218.600	48.96	-4.76	74.0	25.04	Peak	163.00	100	Vertical	Pass
3**	4218.600	39.45	-4.76	54.0	14.55	AV	163.00	100	Vertical	Pass
4	5757.400	95.24	-3.51	--	--	Peak	53.00	400	Vertical	N/A
4**	5757.400	87.88	-3.51	--	--	AV	53.00	400	Vertical	N/A
5	7488.175	49.14	-1.85	74.0	24.86	Peak	40.00	100	Vertical	Pass
5**	7488.175	39.94	-1.85	54.0	14.06	AV	40.00	100	Vertical	Pass
6	12249.750	51.43	2.66	74.0	22.57	Peak	61.00	200	Vertical	Pass
6**	12249.750	43.34	2.66	54.0	10.66	AV	61.00	200	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	1366.100	38.14	-17.55	74.0	35.86	Peak	1.00	150	Horizontal	Pass
1**	1366.100	29.22	-17.55	54.0	24.78	AV	1.00	150	Horizontal	Pass
2	2732.300	44.08	-10.73	74.0	29.92	Peak	124.00	100	Horizontal	Pass
2**	2732.300	34.95	-10.73	54.0	19.05	AV	124.00	100	Horizontal	Pass
3	4244.400	48.72	-4.87	74.0	25.28	Peak	232.00	200	Horizontal	Pass
3**	4244.400	38.55	-4.87	54.0	15.45	AV	232.00	200	Horizontal	Pass
4	5793.000	102.78	-2.84	--	--	Peak	210.00	100	Horizontal	N/A
4**	5793.000	95.35	-2.84	--	--	AV	210.00	100	Horizontal	N/A
5	7544.813	49.39	-1.60	74.0	24.61	Peak	80.00	100	Horizontal	Pass
5**	7544.813	39.49	-1.60	54.0	14.51	AV	80.00	100	Horizontal	Pass
6	11694.588	51.30	2.35	74.0	22.70	Peak	321.00	200	Horizontal	Pass
6**	11694.588	42.63	2.35	54.0	11.37	AV	321.00	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	1401.100	38.49	-17.51	74.0	35.51	Peak	339.00	400	Vertical	Pass
1**	1401.100	29.31	-17.51	54.0	24.69	AV	339.00	400	Vertical	Pass
2	2804.500	44.38	-11.06	74.0	29.62	Peak	360.00	100	Vertical	Pass
2**	2804.500	34.75	-11.06	54.0	19.25	AV	360.00	100	Vertical	Pass
3	4005.200	48.75	-5.69	74.0	25.25	Peak	121.00	150	Vertical	Pass
3**	4005.200	37.70	-5.69	54.0	16.30	AV	121.00	150	Vertical	Pass
4	5793.000	96.34	-2.84	--	--	Peak	55.00	400	Vertical	N/A
4**	5793.000	89.43	-2.84	--	--	AV	55.00	400	Vertical	N/A
5	7548.550	48.76	-1.59	74.0	25.24	Peak	322.00	200	Vertical	Pass
5**	7548.550	39.62	-1.59	54.0	14.38	AV	322.00	200	Vertical	Pass
6	11649.162	52.22	2.55	74.0	21.78	Peak	311.00	100	Vertical	Pass
6**	11649.162	42.48	2.55	54.0	11.52	AV	311.00	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	1315.600	38.43	-17.53	74.0	35.57	Peak	283.00	300	Horizontal	Pass
1**	1315.600	29.57	-17.53	54.0	24.43	AV	283.00	300	Horizontal	Pass
2	2845.800	44.71	-10.79	74.0	29.29	Peak	301.00	300	Horizontal	Pass
2**	2845.800	34.70	-10.79	54.0	19.30	AV	301.00	300	Horizontal	Pass
3	4325.800	48.59	-4.86	74.0	25.41	Peak	156.00	150	Horizontal	Pass
3**	4325.800	40.01	-4.86	54.0	13.99	AV	156.00	150	Horizontal	Pass
4	5746.000	105.78	-3.58	--	--	Peak	295.00	100	Horizontal	N/A
4**	5746.000	99.03	-3.58	--	--	AV	295.00	100	Horizontal	N/A
5	7589.087	48.35	-2.30	74.0	25.65	Peak	248.00	200	Horizontal	Pass
5**	7589.087	39.74	-2.30	54.0	14.26	AV	248.00	200	Horizontal	Pass
6	12218.988	51.00	2.60	74.0	23.00	Peak	61.00	200	Horizontal	Pass
6**	12218.988	42.07	2.60	54.0	11.93	AV	61.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1382.300	38.16	-17.52	74.0	35.84	Peak	65.00	200	Vertical	Pass
1**	1382.300	28.68	-17.52	54.0	25.32	AV	65.00	200	Vertical	Pass
2	2854.500	45.11	-10.66	74.0	28.89	Peak	253.00	300	Vertical	Pass
2**	2854.500	34.84	-10.66	54.0	19.16	AV	253.00	300	Vertical	Pass
3	4288.200	48.49	-4.76	74.0	25.51	Peak	245.00	200	Vertical	Pass
3**	4288.200	39.98	-4.76	54.0	14.02	AV	245.00	200	Vertical	Pass
4	5748.000	98.97	-3.60	--	--	Peak	56.00	400	Vertical	N/A
4**	5748.000	91.17	-3.60	--	--	AV	56.00	400	Vertical	N/A
5	7398.188	48.23	-1.63	74.0	25.77	Peak	298.00	100	Vertical	Pass
5**	7398.188	39.58	-1.63	54.0	14.42	AV	298.00	100	Vertical	Pass
6	11671.300	51.93	2.47	74.0	22.07	Peak	97.00	100	Vertical	Pass
6**	11671.300	43.50	2.47	54.0	10.50	AV	97.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1311.900	37.96	-17.46	74.0	36.04	Peak	338.00	200	Horizontal	Pass
1**	1311.900	29.39	-17.46	54.0	24.61	AV	338.00	200	Horizontal	Pass
2	2772.200	44.48	-11.22	74.0	29.52	Peak	149.00	300	Horizontal	Pass
2**	2772.200	34.39	-11.22	54.0	19.61	AV	149.00	300	Horizontal	Pass
3	4202.600	48.26	-5.20	74.0	25.74	Peak	313.00	150	Horizontal	Pass
3**	4202.600	38.79	-5.20	54.0	15.21	AV	313.00	150	Horizontal	Pass
4	5787.200	106.72	-2.97	--	--	Peak	233.00	200	Horizontal	N/A
4**	5787.200	98.84	-2.97	--	--	AV	233.00	200	Horizontal	N/A
5	7391.288	48.25	-1.73	74.0	25.75	Peak	188.00	150	Horizontal	Pass
5**	7391.288	39.26	-1.73	54.0	14.74	AV	188.00	150	Horizontal	Pass
6	11679.925	51.49	2.44	74.0	22.51	Peak	94.00	300	Horizontal	Pass
6**	11679.925	42.42	2.44	54.0	11.58	AV	94.00	300	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	1413.200	38.19	-17.47	74.0	35.81	Peak	94.00	400	Vertical	Pass
1**	1413.200	29.71	-17.47	54.0	24.29	AV	94.00	400	Vertical	Pass
2	2743.000	44.84	-10.66	74.0	29.16	Peak	261.00	200	Vertical	Pass
2**	2743.000	35.10	-10.66	54.0	18.90	AV	261.00	200	Vertical	Pass
3	4196.600	48.55	-5.26	74.0	25.45	Peak	125.00	200	Vertical	Pass
3**	4196.600	38.82	-5.26	54.0	15.18	AV	125.00	200	Vertical	Pass
4	5786.200	99.91	-3.00	--	--	Peak	52.00	400	Vertical	N/A
4**	5786.200	92.58	-3.00	--	--	AV	52.00	400	Vertical	N/A
5	7554.875	48.11	-1.58	74.0	25.89	Peak	261.00	200	Vertical	Pass
5**	7554.875	40.24	-1.58	54.0	13.76	AV	261.00	200	Vertical	Pass
6	12338.875	51.74	2.10	74.0	22.26	Peak	0.00	200	Vertical	Pass
6**	12338.875	42.53	2.10	54.0	11.47	AV	0.00	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	1364.400	38.23	-17.50	74.0	35.77	Peak	342.00	400	Horizontal	Pass
1**	1364.400	28.93	-17.50	54.0	25.07	AV	342.00	400	Horizontal	Pass
2	2807.200	43.61	-10.94	74.0	30.39	Peak	265.00	150	Horizontal	Pass
2**	2807.200	34.90	-10.94	54.0	19.10	AV	265.00	150	Horizontal	Pass
3	4277.200	48.73	-4.75	74.0	25.27	Peak	324.00	100	Horizontal	Pass
3**	4277.200	39.84	-4.75	54.0	14.16	AV	324.00	100	Horizontal	Pass
4	5823.800	107.37	-2.75	--	--	Peak	295.00	300	Horizontal	N/A
4**	5823.800	100.31	-2.75	--	--	AV	295.00	300	Horizontal	N/A
5	7576.150	48.54	-2.14	74.0	25.46	Peak	102.00	150	Horizontal	Pass
5**	7576.150	39.59	-2.14	54.0	14.41	AV	102.00	150	Horizontal	Pass
6	12251.187	52.00	2.65	74.0	22.00	Peak	154.00	300	Horizontal	Pass
6**	12251.187	42.38	2.65	54.0	11.62	AV	154.00	300	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	1401.300	38.09	-17.51	74.0	35.91	Peak	5.00	400	Vertical	Pass
1**	1401.300	29.46	-17.51	54.0	24.54	AV	5.00	400	Vertical	Pass
2	2712.300	44.69	-11.46	74.0	29.31	Peak	15.00	300	Vertical	Pass
2**	2712.300	34.47	-11.46	54.0	19.53	AV	15.00	300	Vertical	Pass
3	4294.800	48.62	-4.84	74.0	25.38	Peak	208.00	150	Vertical	Pass
3**	4294.800	39.67	-4.84	54.0	14.33	AV	208.00	150	Vertical	Pass
4	5827.400	99.16	-2.74	--	--	Peak	281.00	100	Vertical	N/A
4**	5827.400	91.53	-2.74	--	--	AV	281.00	100	Vertical	N/A
5	7554.875	48.27	-1.58	74.0	25.73	Peak	342.00	200	Vertical	Pass
5**	7554.875	39.64	-1.58	54.0	14.36	AV	342.00	200	Vertical	Pass
6	12276.200	52.34	2.44	74.0	21.66	Peak	226.00	400	Vertical	Pass
6**	12276.200	41.50	2.44	54.0	12.50	AV	226.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1351.300	37.93	-17.64	74.0	36.07	Peak	305.00	200	Horizontal	Pass
1**	1351.300	28.60	-17.64	54.0	25.40	AV	305.00	200	Horizontal	Pass
2	2733.900	44.21	-10.77	74.0	29.79	Peak	53.00	200	Horizontal	Pass
2**	2733.900	35.09	-10.77	54.0	18.91	AV	53.00	200	Horizontal	Pass
3	4164.800	48.25	-5.00	74.0	25.75	Peak	194.00	150	Horizontal	Pass
3**	4164.800	38.45	-5.00	54.0	15.55	AV	194.00	150	Horizontal	Pass
4	5758.600	103.62	-3.52	--	--	Peak	208.00	200	Horizontal	N/A
4**	5758.600	95.78	-3.52	--	--	AV	208.00	200	Horizontal	N/A
5	7588.800	48.29	-2.30	74.0	25.71	Peak	343.00	150	Horizontal	Pass
5**	7588.800	38.75	-2.30	54.0	15.25	AV	343.00	150	Horizontal	Pass
6	12237.388	51.47	2.64	74.0	22.53	Peak	50.00	400	Horizontal	Pass
6**	12237.388	42.41	2.64	54.0	11.59	AV	50.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.800	38.37	-17.71	74.0	35.63	Peak	90.00	200	Vertical	Pass
1**	1330.800	28.80	-17.71	54.0	25.20	AV	90.00	200	Vertical	Pass
2	2859.600	44.88	-10.55	74.0	29.12	Peak	355.00	300	Vertical	Pass
2**	2859.600	34.43	-10.55	54.0	19.57	AV	355.00	300	Vertical	Pass
3	4288.200	48.68	-4.76	74.0	25.32	Peak	360.00	150	Vertical	Pass
3**	4288.200	39.08	-4.76	54.0	14.92	AV	360.00	150	Vertical	Pass
4	5752.600	94.88	-3.51	--	--	Peak	53.00	300	Vertical	N/A
4**	5752.600	88.01	-3.51	--	--	AV	53.00	300	Vertical	N/A
5	7389.562	48.43	-1.73	74.0	25.57	Peak	165.00	150	Vertical	Pass
5**	7389.562	40.14	-1.73	54.0	13.86	AV	165.00	150	Vertical	Pass
6	11676.763	51.48	2.45	74.0	22.52	Peak	259.00	400	Vertical	Pass
6**	11676.763	41.93	2.45	54.0	12.07	AV	259.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1365.000	37.84	-17.52	74.0	36.16	Peak	92.00	150	Horizontal	Pass
1**	1365.000	28.67	-17.52	54.0	25.33	AV	92.00	150	Horizontal	Pass
2	2811.800	44.71	-10.82	74.0	29.29	Peak	223.00	100	Horizontal	Pass
2**	2811.800	35.25	-10.82	54.0	18.75	AV	223.00	100	Horizontal	Pass
3	4253.800	48.35	-4.71	74.0	25.65	Peak	318.00	200	Horizontal	Pass
3**	4253.800	39.87	-4.71	54.0	14.13	AV	318.00	200	Horizontal	Pass
4	5792.600	104.12	-2.84	--	--	Peak	208.00	400	Horizontal	N/A
4**	5792.600	97.61	-2.84	--	--	AV	208.00	400	Horizontal	N/A
5	7530.438	49.61	-1.64	74.0	24.39	Peak	101.00	150	Horizontal	Pass
5**	7530.438	39.07	-1.64	54.0	14.93	AV	101.00	150	Horizontal	Pass
6	11659.800	51.07	2.52	74.0	22.93	Peak	68.00	200	Horizontal	Pass
6**	11659.800	42.22	2.52	54.0	11.78	AV	68.00	200	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	1378.500	39.28	-17.53	74.0	34.72	Peak	349.00	400	Vertical	Pass
1**	1378.500	29.27	-17.53	54.0	24.73	AV	349.00	400	Vertical	Pass
2	2730.900	44.38	-10.68	74.0	29.62	Peak	23.00	100	Vertical	Pass
2**	2730.900	34.86	-10.68	54.0	19.14	AV	23.00	100	Vertical	Pass
3	4223.200	48.25	-4.72	74.0	25.75	Peak	62.00	150	Vertical	Pass
3**	4223.200	39.46	-4.72	54.0	14.54	AV	62.00	150	Vertical	Pass
4	5797.400	97.45	-2.72	--	--	Peak	56.00	300	Vertical	N/A
4**	5797.400	89.77	-2.72	--	--	AV	56.00	300	Vertical	N/A
5	7527.563	48.39	-1.62	74.0	25.61	Peak	163.00	200	Vertical	Pass
5**	7527.563	39.01	-1.62	54.0	14.99	AV	163.00	200	Vertical	Pass
6	11652.901	51.49	2.54	74.0	22.51	Peak	6.00	100	Vertical	Pass
6**	11652.901	42.45	2.54	54.0	11.55	AV	6.00	100	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	1375.300	38.84	-17.57	74.0	35.16	Peak	44.00	100	Horizontal	Pass
1**	1375.300	28.85	-17.57	54.0	25.15	AV	44.00	100	Horizontal	Pass
2	2734.800	44.02	-10.78	74.0	29.98	Peak	79.00	200	Horizontal	Pass
2**	2734.800	34.33	-10.78	54.0	19.67	AV	79.00	200	Horizontal	Pass
3	4291.600	48.62	-4.76	74.0	25.38	Peak	131.00	200	Horizontal	Pass
3**	4291.600	38.89	-4.76	54.0	15.11	AV	131.00	200	Horizontal	Pass
4	5779.800	100.16	-3.14	--	--	Peak	227.00	400	Horizontal	N/A
4**	5779.800	92.35	-3.14	--	--	AV	227.00	400	Horizontal	N/A
5	7547.112	48.16	-1.58	74.0	25.84	Peak	0.00	200	Horizontal	Pass
5**	7547.112	39.89	-1.58	54.0	14.11	AV	0.00	200	Horizontal	Pass
6	12341.175	52.43	2.09	74.0	21.57	Peak	217.00	200	Horizontal	Pass
6**	12341.175	41.20	2.09	54.0	12.80	AV	217.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1390.300	37.63	-17.43	74.0	36.37	Peak	359.00	150	Vertical	Pass
1**	1390.300	28.54	-17.43	54.0	25.46	AV	359.00	150	Vertical	Pass
2	2842.500	44.00	-10.82	74.0	30.00	Peak	23.00	300	Vertical	Pass
2**	2842.500	34.02	-10.82	54.0	19.98	AV	23.00	300	Vertical	Pass
3	4265.200	48.99	-4.80	74.0	25.01	Peak	160.00	150	Vertical	Pass
3**	4265.200	38.88	-4.80	54.0	15.12	AV	160.00	150	Vertical	Pass
4	5786.600	93.22	-2.99	--	--	Peak	43.00	100	Vertical	N/A
4**	5786.600	85.09	-2.99	--	--	AV	43.00	100	Vertical	N/A
5	7482.138	48.81	-1.80	74.0	25.19	Peak	39.00	100	Vertical	Pass
5**	7482.138	39.57	-1.80	54.0	14.43	AV	39.00	100	Vertical	Pass
6	11661.813	51.42	2.51	74.0	22.58	Peak	134.00	300	Vertical	Pass
6**	11661.813	41.98	2.51	54.0	12.02	AV	134.00	300	Vertical	Pass

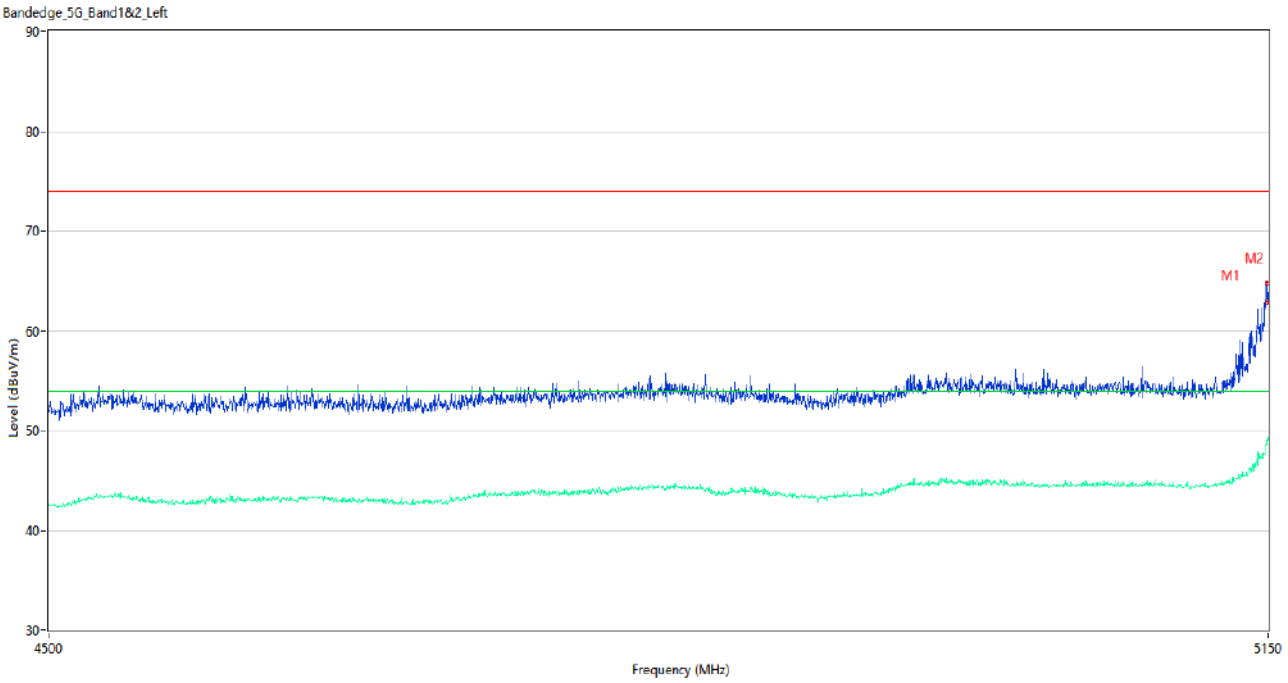
A.6.2 Band Edge (Restricted-band)

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

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

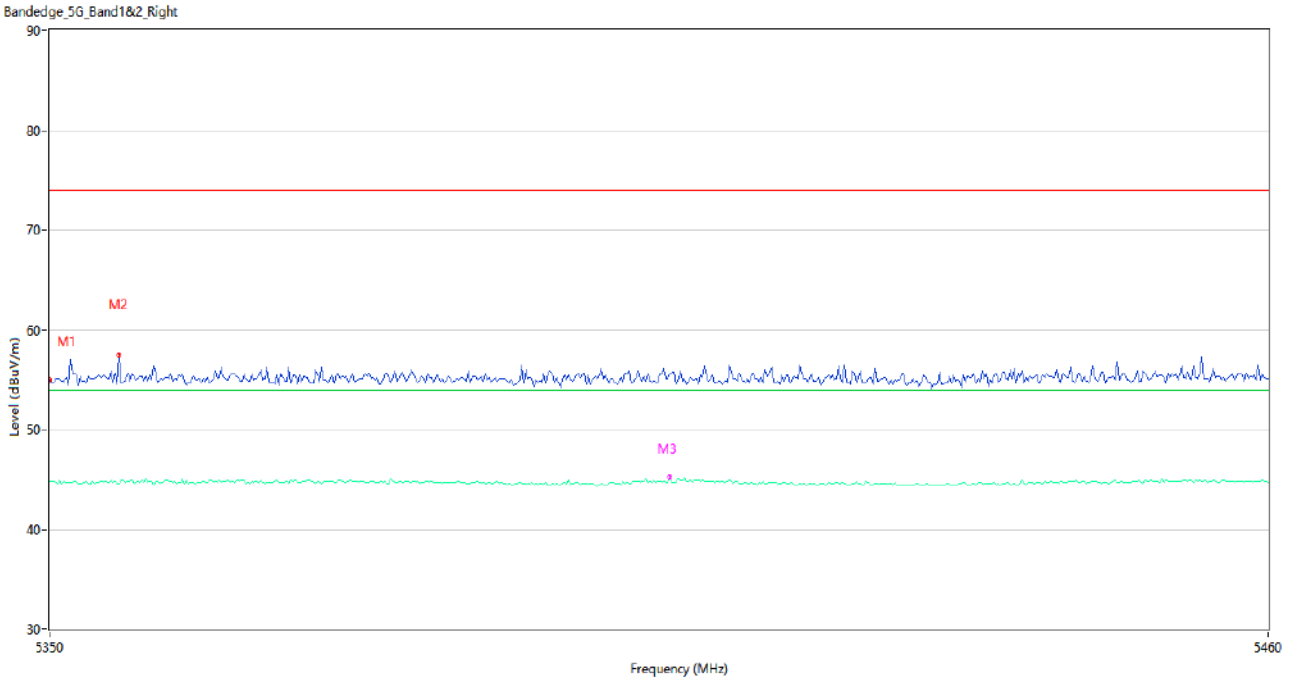
Test Data and Plots

U-NII-1 11a Low Channel



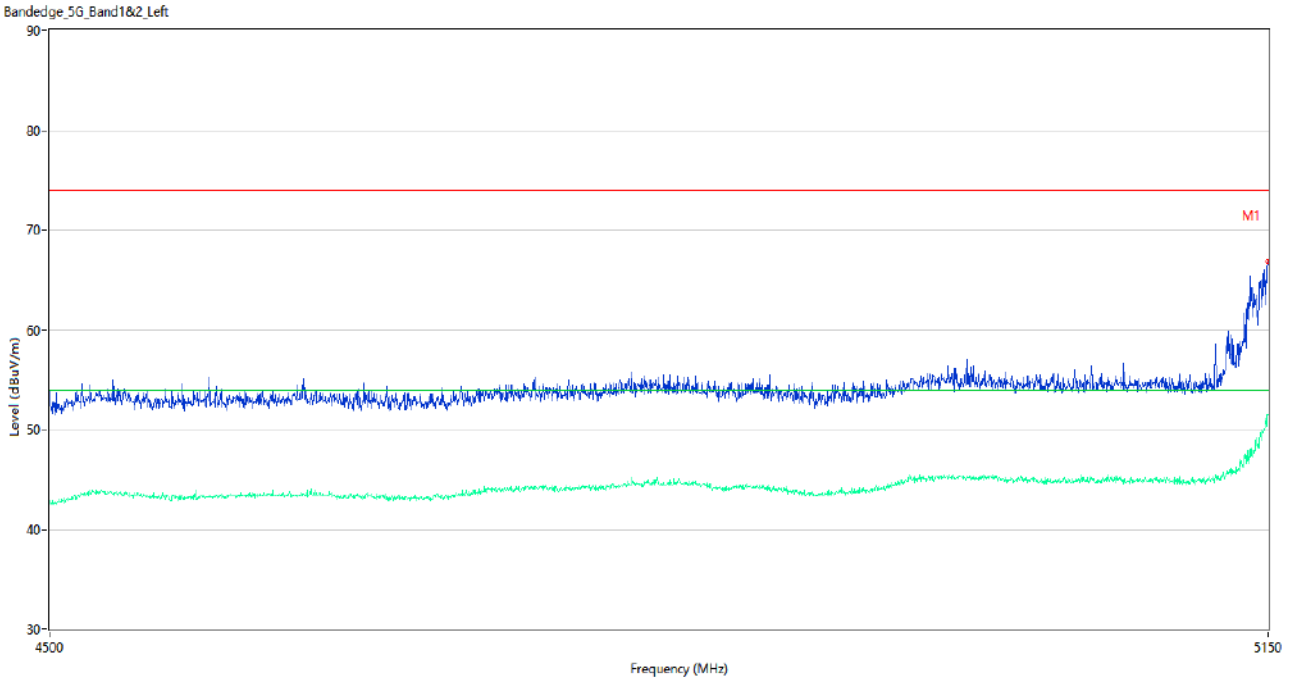
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	64.75	0.84	74.0	9.25	Peak	132.00	200	Horizontal	Pass
1**	5149.675	48.53	0.84	54.0	5.47	AV	132.00	200	Horizontal	Pass
2	5150.000	62.83	0.84	74.0	11.17	Peak	203.00	100	Horizontal	Pass
2**	5150.000	49.27	0.84	54.0	4.73	AV	203.00	100	Horizontal	Pass

U-NII-1 11a High Channel



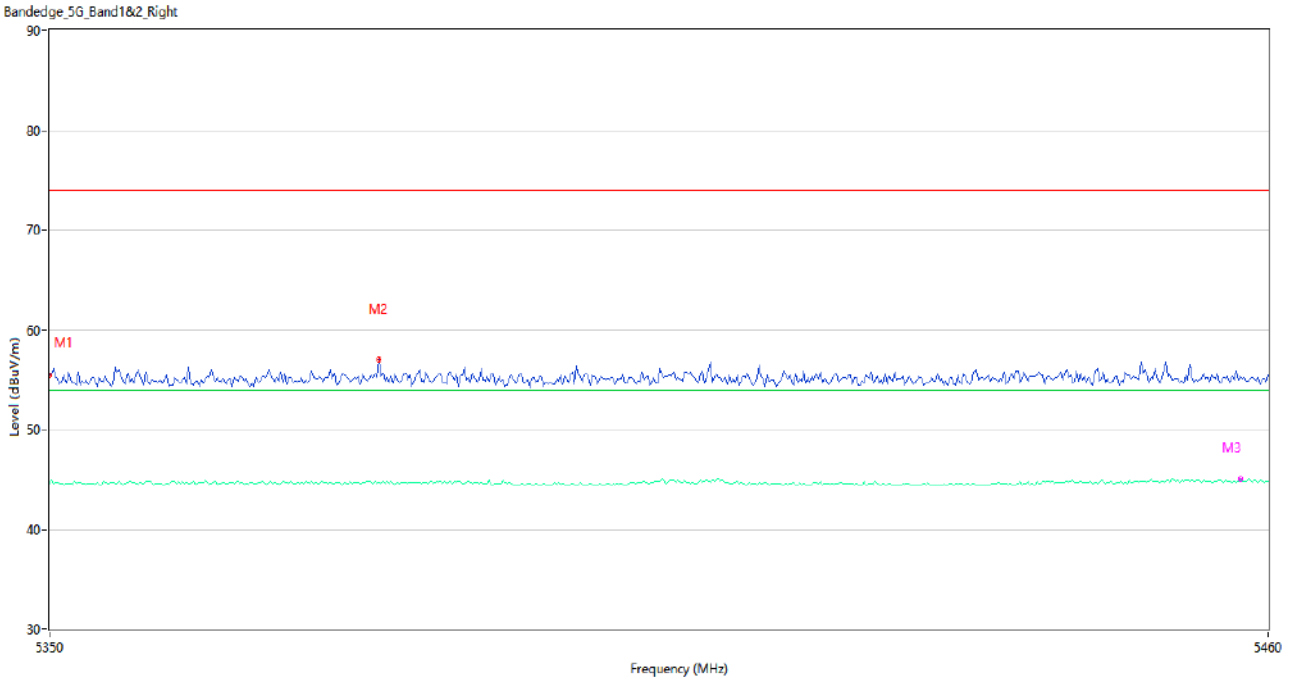
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.00	0.85	74.0	19.00	Peak	211.00	200	Horizontal	Pass
1**	5350.000	44.80	0.85	54.0	9.20	AV	211.00	200	Horizontal	Pass
2	5356.233	57.50	0.84	74.0	16.50	Peak	45.00	150	Horizontal	Pass
2**	5356.233	44.61	0.84	54.0	9.39	AV	45.00	150	Horizontal	Pass
3	5405.733	55.55	1.20	74.0	18.45	Peak	28.00	150	Horizontal	Pass
3**	5405.733	45.27	1.20	54.0	8.73	AV	28.00	150	Horizontal	Pass

U-NII-1 11n20 Low Channel



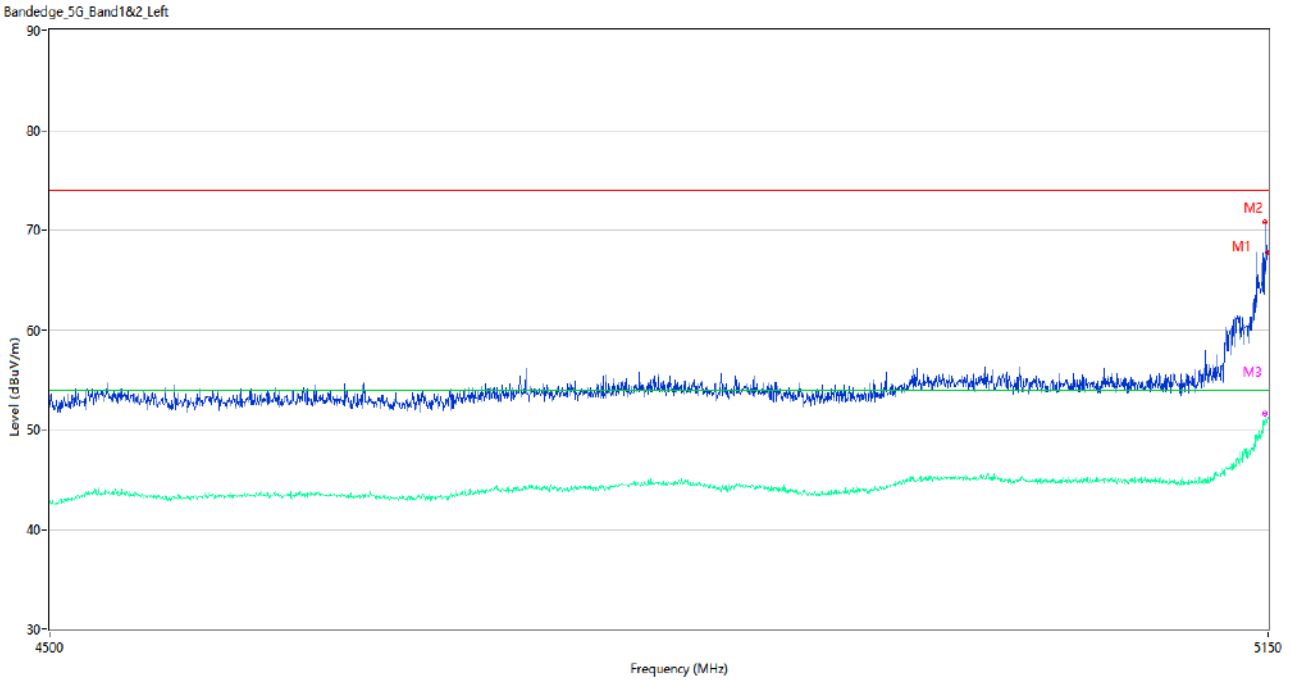
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	66.86	0.84	74.0	7.14	Peak	121.00	150	Horizontal	Pass
1**	5150.000	51.52	0.84	54.0	2.48	AV	121.00	150	Horizontal	Pass

U-NII-1 11n20 High Channel



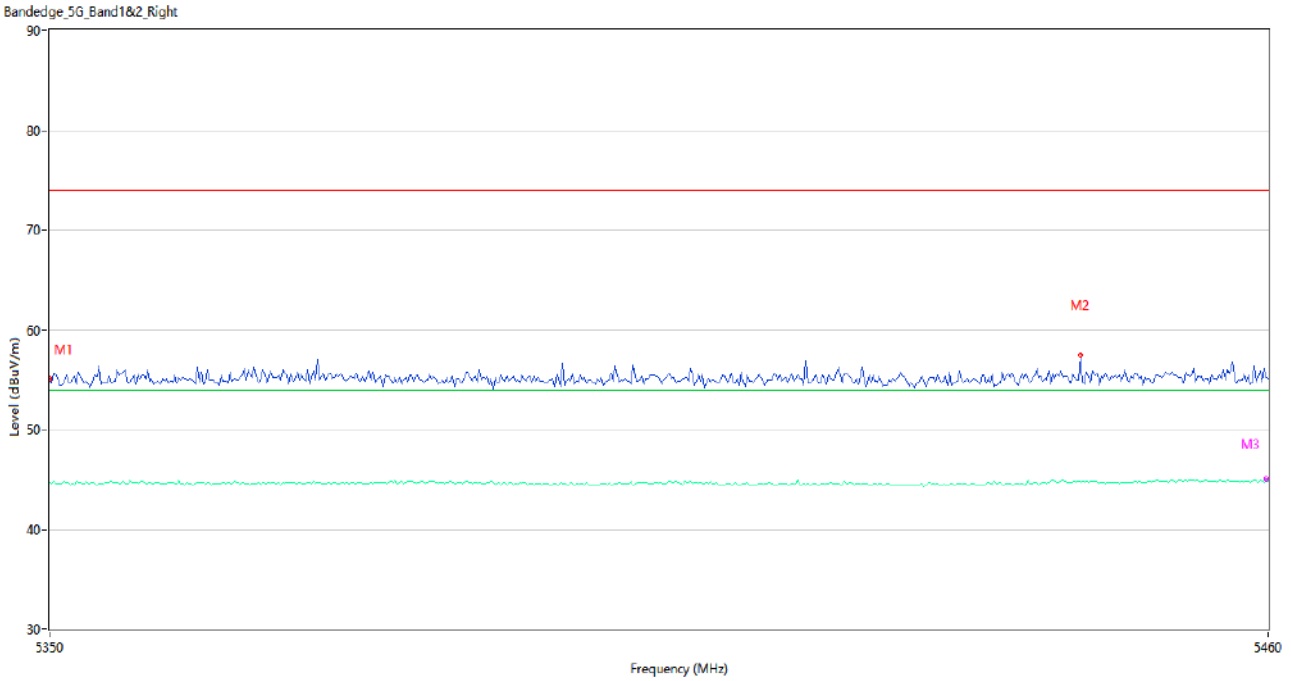
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.45	0.85	74.0	18.55	Peak	41.00	200	Horizontal	Pass
1**	5350.000	44.54	0.85	54.0	9.46	AV	41.00	200	Horizontal	Pass
2	5379.516	57.06	0.81	74.0	16.94	Peak	44.00	150	Horizontal	Pass
2**	5379.516	44.65	0.81	54.0	9.35	AV	44.00	150	Horizontal	Pass
3	5457.433	55.34	1.17	74.0	18.66	Peak	219.00	150	Horizontal	Pass
3**	5457.433	45.05	1.17	54.0	8.95	AV	219.00	150	Horizontal	Pass

U-NII-1 11n40 Low Channel



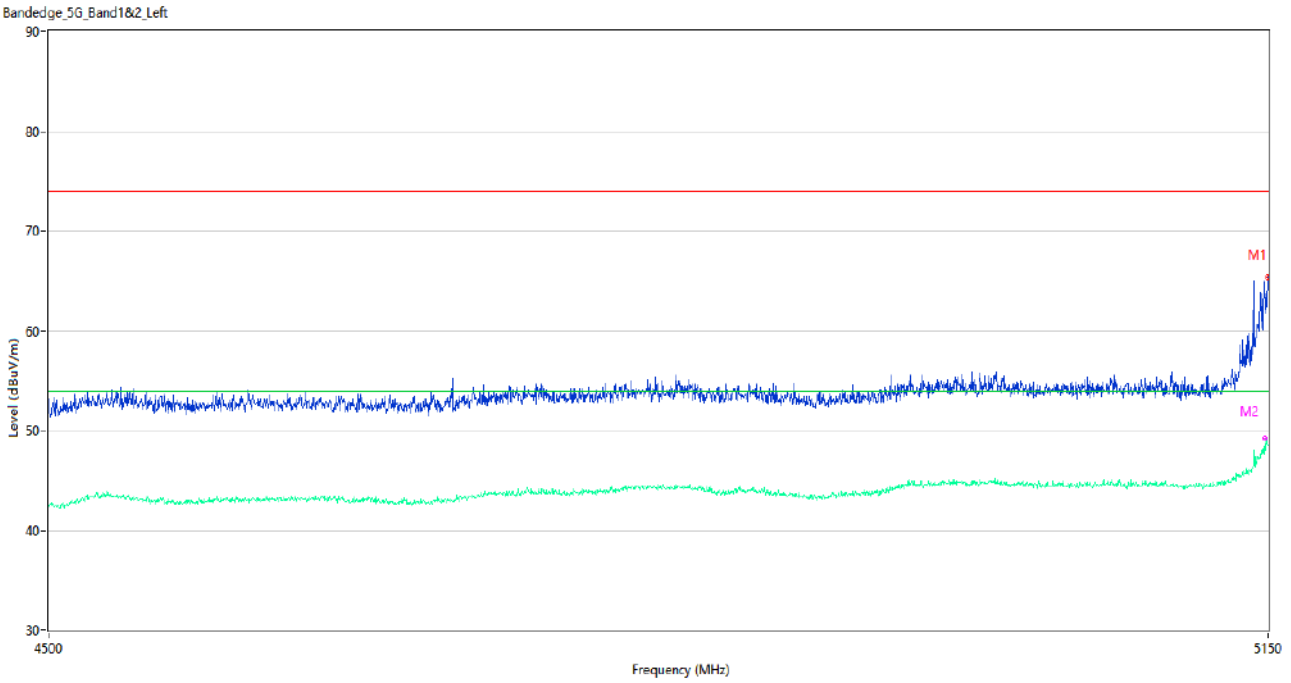
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.050	70.74	0.87	74.0	3.26	Peak	118.00	100	Horizontal	Pass
1**	5148.050	51.18	0.87	54.0	2.82	AV	118.00	100	Horizontal	Pass
2	5150.000	67.78	0.84	74.0	6.22	Peak	115.00	200	Horizontal	Pass
2**	5150.000	51.25	0.84	54.0	2.75	AV	115.00	200	Horizontal	Pass
3	5148.375	66.14	0.86	74.0	7.86	Peak	137.00	150	Horizontal	Pass
3**	5148.375	51.57	0.86	54.0	2.43	AV	137.00	150	Horizontal	Pass

U-NII-1 11n40 High Channel



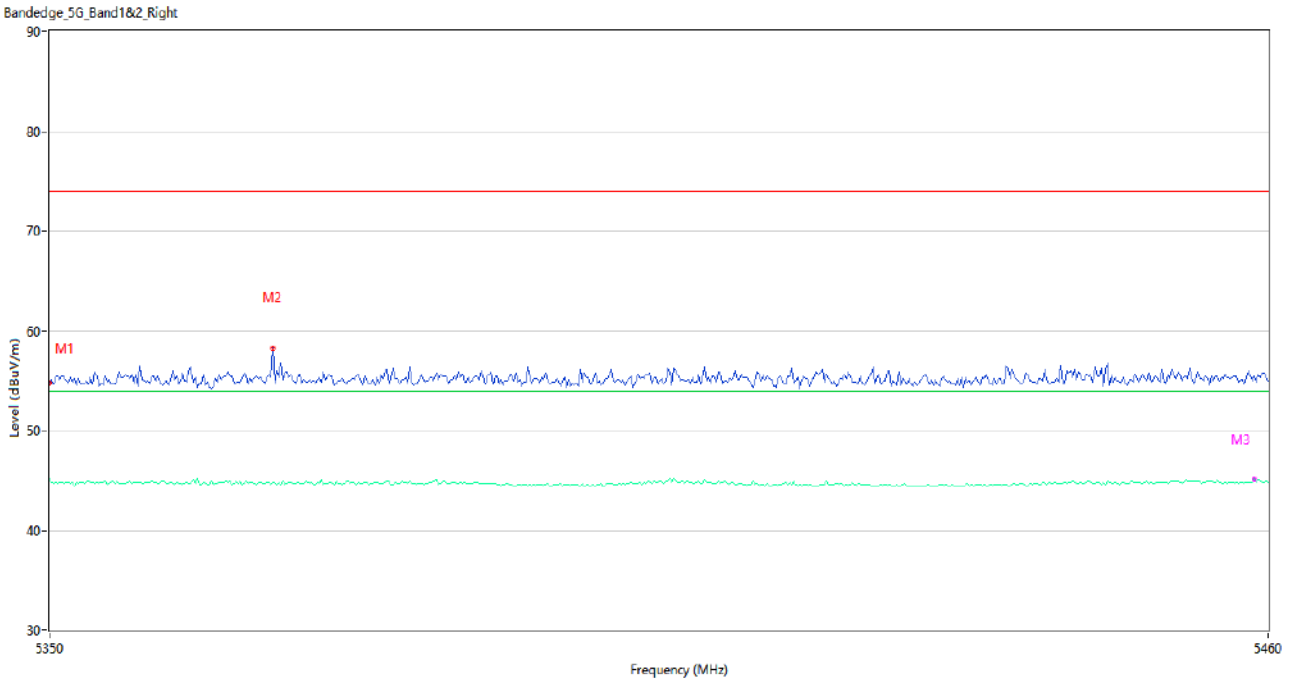
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.04	0.85	74.0	18.96	Peak	149.00	200	Horizontal	Pass
1**	5350.000	44.64	0.85	54.0	9.36	AV	149.00	200	Horizontal	Pass
2	5442.950	57.42	1.29	74.0	16.58	Peak	39.00	200	Horizontal	Pass
2**	5442.950	44.72	1.29	54.0	9.28	AV	39.00	200	Horizontal	Pass
3	5459.817	55.24	1.23	74.0	18.76	Peak	278.00	150	Horizontal	Pass
3**	5459.817	44.98	1.23	54.0	9.02	AV	278.00	150	Horizontal	Pass

U-NII-1 11ac20 Low Channel



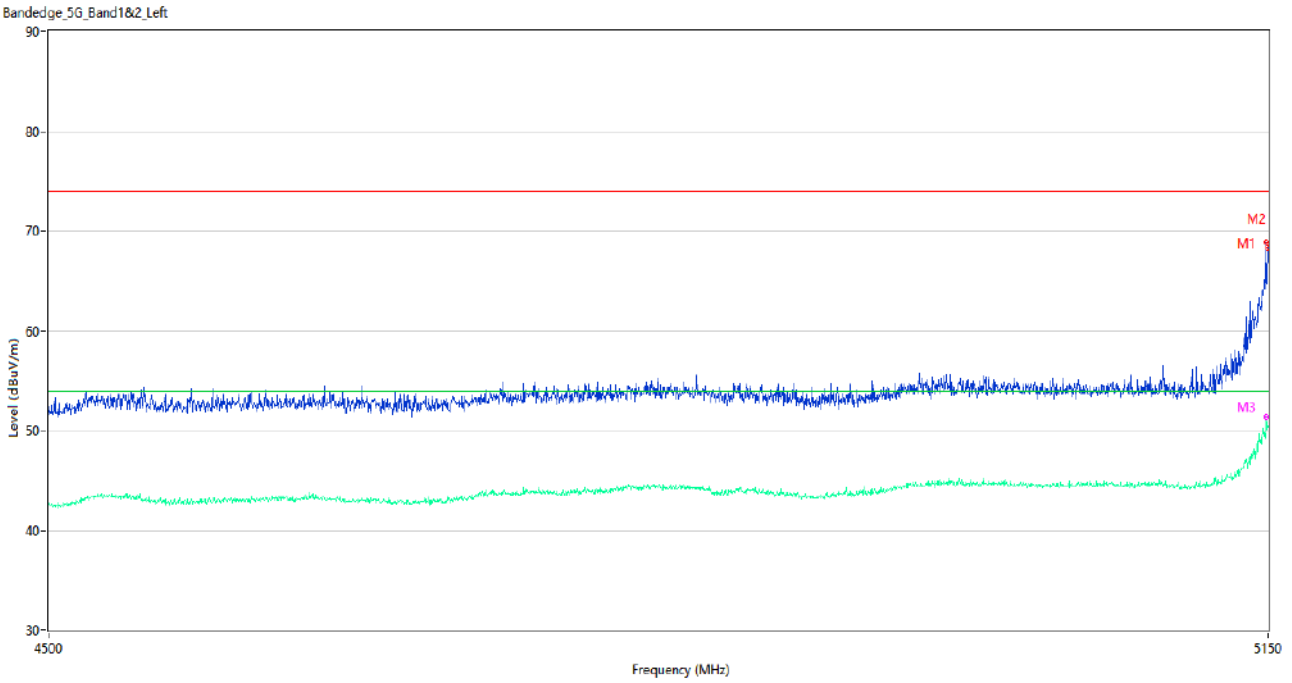
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	65.42	0.84	74.0	8.58	Peak	93.00	150	Horizontal	Pass
1**	5150.000	48.52	0.84	54.0	5.48	AV	93.00	150	Horizontal	Pass
2	5148.050	62.53	0.87	74.0	11.47	Peak	120.00	150	Horizontal	Pass
2**	5148.050	49.24	0.87	54.0	4.76	AV	120.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel



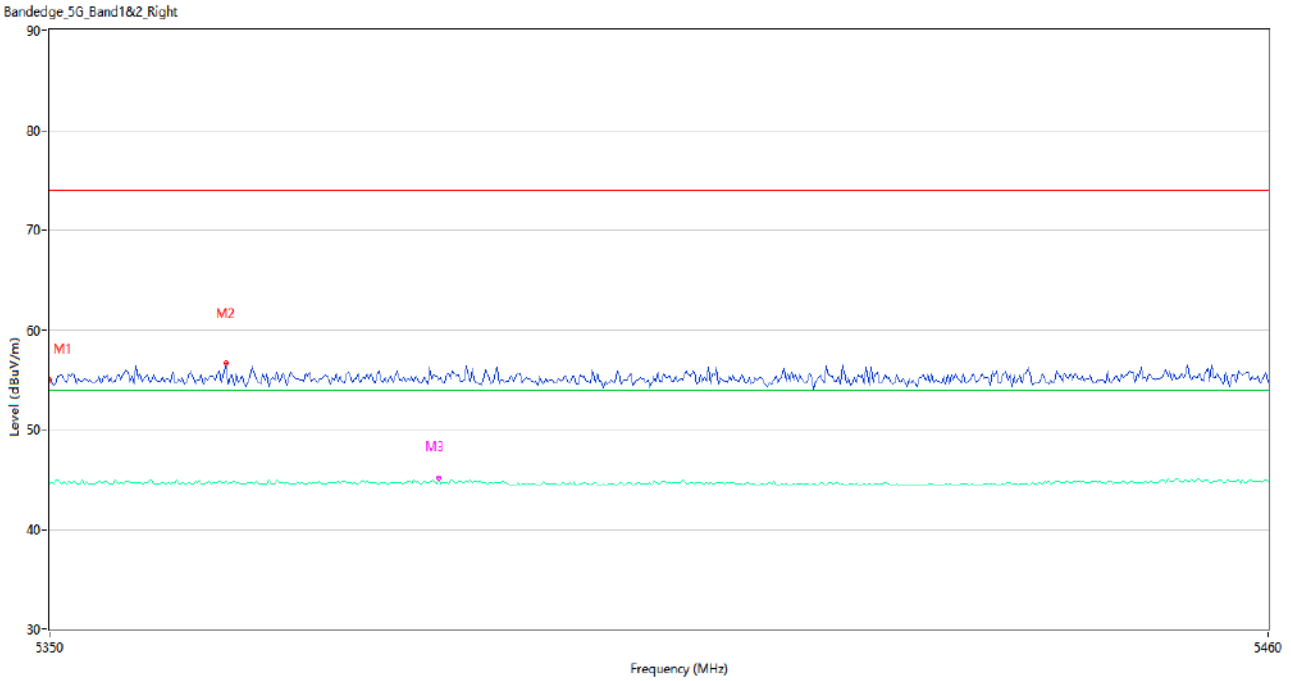
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.76	0.85	74.0	19.24	Peak	226.00	200	Horizontal	Pass
1**	5350.000	45.12	0.85	54.0	8.88	AV	226.00	200	Horizontal	Pass
2	5369.983	58.30	0.79	74.0	15.70	Peak	103.00	200	Horizontal	Pass
2**	5369.983	44.75	0.79	54.0	9.25	AV	103.00	200	Horizontal	Pass
3	5458.717	55.40	1.23	74.0	18.60	Peak	160.00	150	Horizontal	Pass
3**	5458.717	45.17	1.23	54.0	8.83	AV	160.00	150	Horizontal	Pass

U-NII-1 11ac40 Low Channel



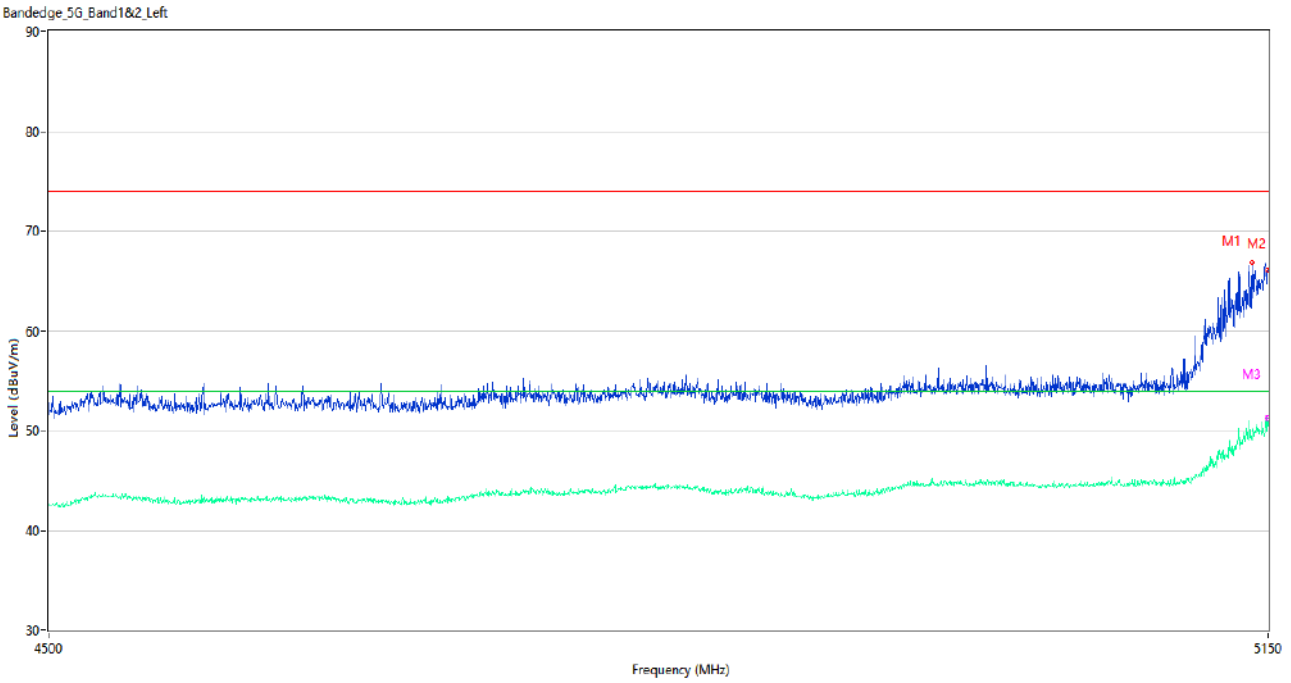
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	68.86	0.85	74.0	5.14	Peak	134.00	100	Horizontal	Pass
1**	5148.700	49.16	0.85	54.0	4.84	AV	134.00	100	Horizontal	Pass
2	5150.000	68.27	0.84	74.0	5.73	Peak	102.00	200	Horizontal	Pass
2**	5150.000	50.46	0.84	54.0	3.54	AV	102.00	200	Horizontal	Pass
3	5149.025	64.21	0.84	74.0	9.79	Peak	49.00	150	Horizontal	Pass
3**	5149.025	51.32	0.84	54.0	2.68	AV	49.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel



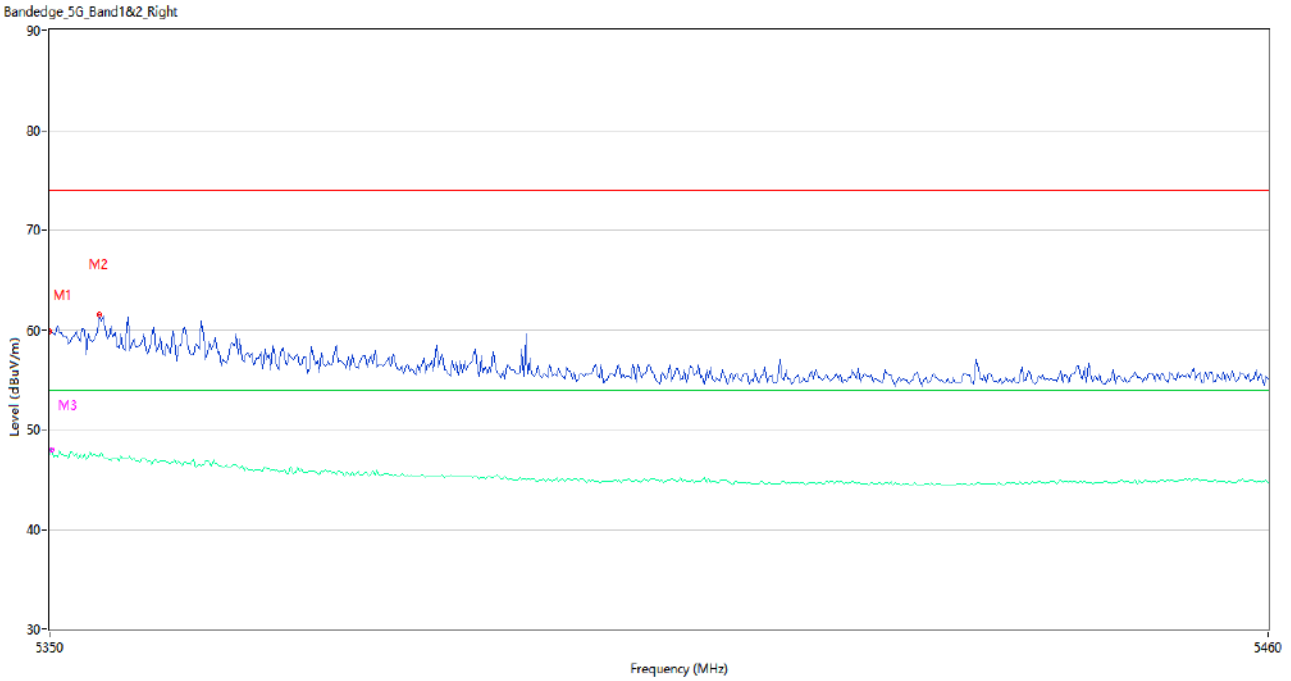
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.00	0.85	74.0	19.00	Peak	69.00	100	Horizontal	Pass
1**	5350.000	44.56	0.85	54.0	9.44	AV	69.00	100	Horizontal	Pass
2	5365.767	56.65	0.81	74.0	17.35	Peak	136.00	150	Horizontal	Pass
2**	5365.767	44.76	0.81	54.0	9.24	AV	136.00	150	Horizontal	Pass
3	5384.834	55.00	0.89	74.0	19.00	Peak	66.00	150	Horizontal	Pass
3**	5384.834	45.11	0.89	54.0	8.89	AV	66.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



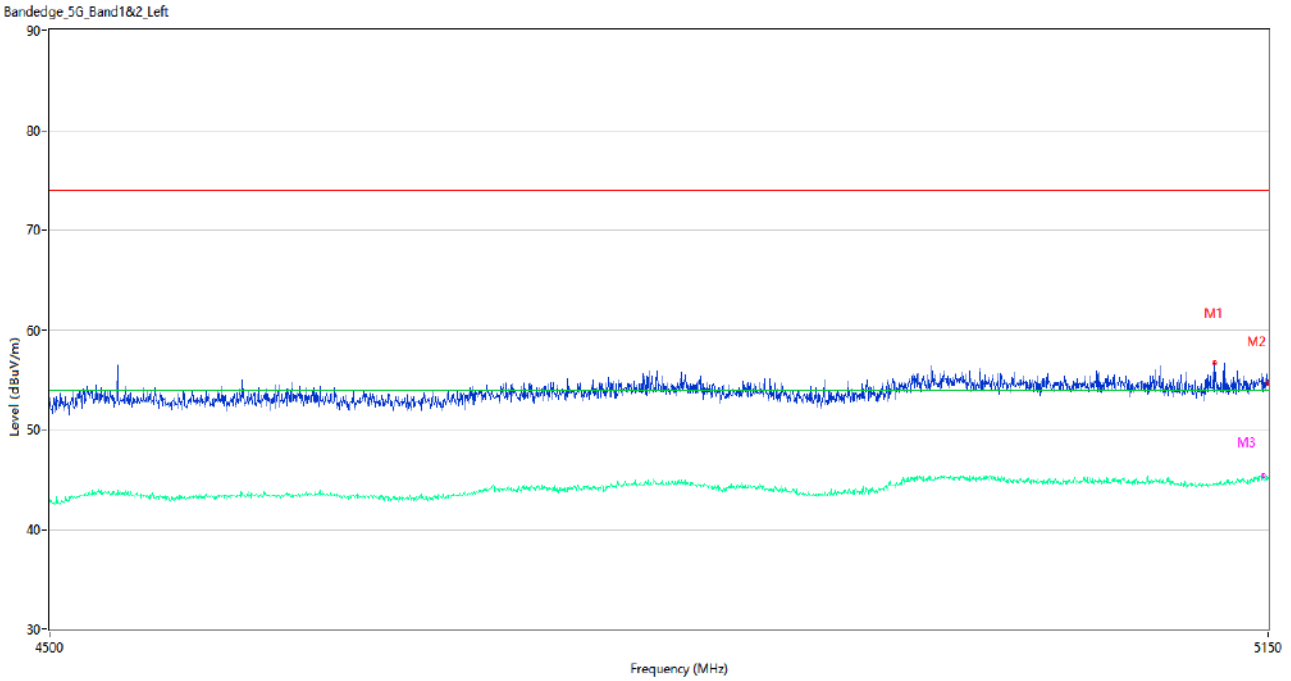
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.225	66.86	0.93	74.0	7.14	Peak	39.00	200	Horizontal	Pass
1**	5141.225	49.96	0.93	54.0	4.04	AV	39.00	200	Horizontal	Pass
2	5150.000	66.01	0.84	74.0	7.99	Peak	120.00	150	Horizontal	Pass
2**	5150.000	50.95	0.84	54.0	3.05	AV	120.00	150	Horizontal	Pass
3	5149.350	64.66	0.84	74.0	9.34	Peak	39.00	150	Horizontal	Pass
3**	5149.350	51.30	0.84	54.0	2.70	AV	39.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



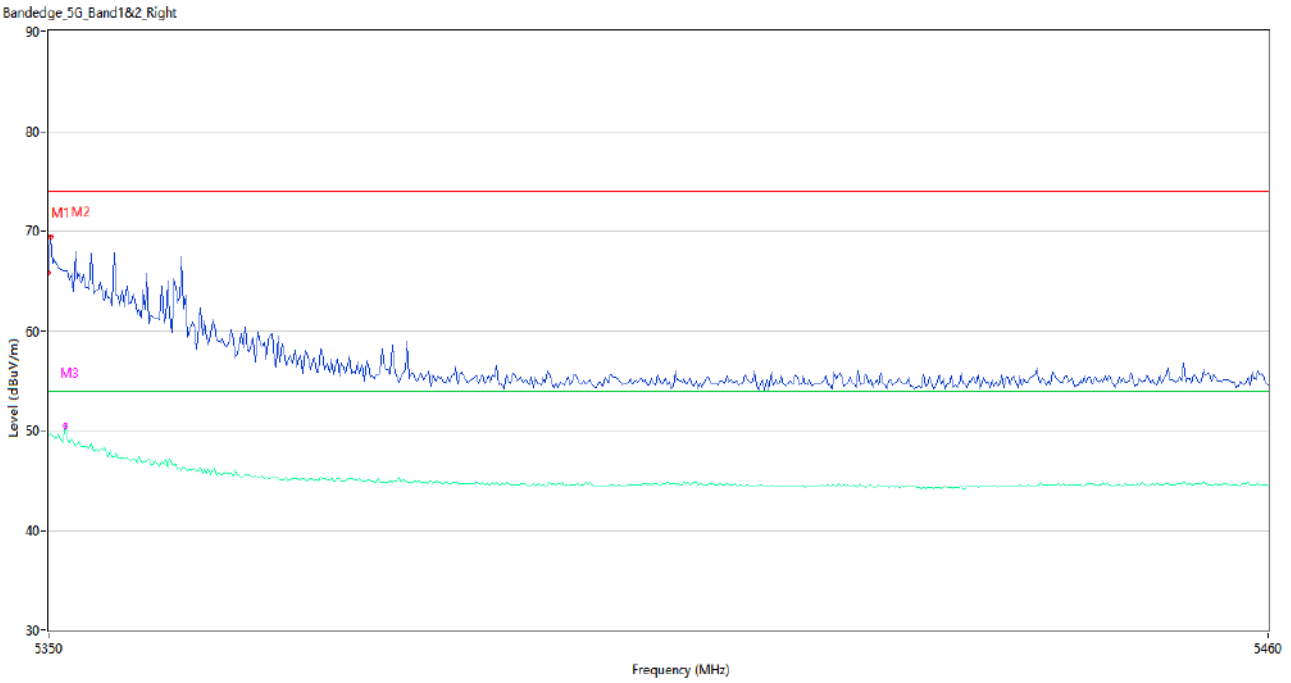
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.80	0.85	74.0	14.20	Peak	222.00	150	Horizontal	Pass
1**	5350.000	47.51	0.85	54.0	6.49	AV	222.00	150	Horizontal	Pass
2	5354.400	61.56	0.82	74.0	12.44	Peak	43.00	150	Horizontal	Pass
2**	5354.400	47.33	0.82	54.0	6.67	AV	43.00	150	Horizontal	Pass
3	5350.183	59.84	0.86	74.0	14.16	Peak	247.00	150	Horizontal	Pass
3**	5350.183	47.93	0.86	54.0	6.07	AV	247.00	150	Horizontal	Pass

U-NII-2A 11a Low Channel



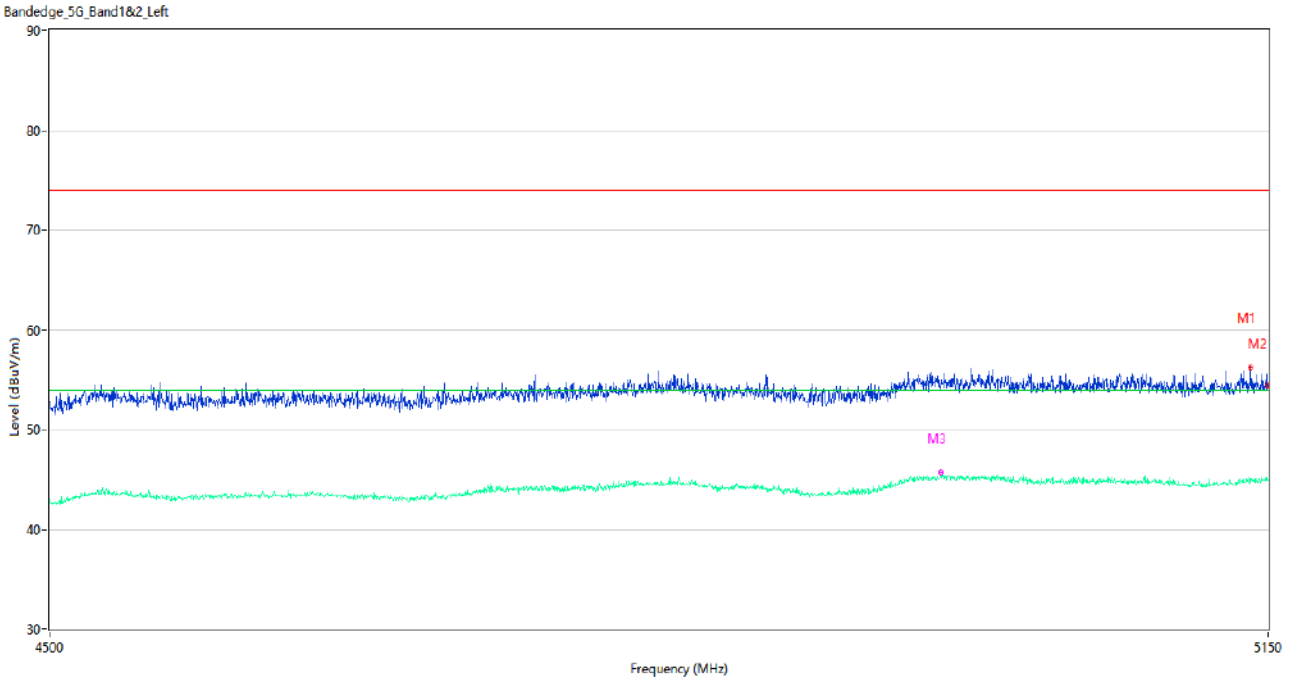
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5119.775	56.64	0.46	74.0	17.36	Peak	13.00	100	Horizontal	Pass
1**	5119.775	44.56	0.46	54.0	9.44	AV	13.00	100	Horizontal	Pass
2	5150.000	54.66	0.84	74.0	19.34	Peak	131.00	200	Horizontal	Pass
2**	5150.000	45.07	0.84	54.0	8.93	AV	131.00	200	Horizontal	Pass
3	5147.075	54.96	0.92	74.0	19.04	Peak	101.00	150	Horizontal	Pass
3**	5147.075	45.42	0.92	54.0	8.58	AV	101.00	150	Horizontal	Pass

U-NII-2A 11a High Channel



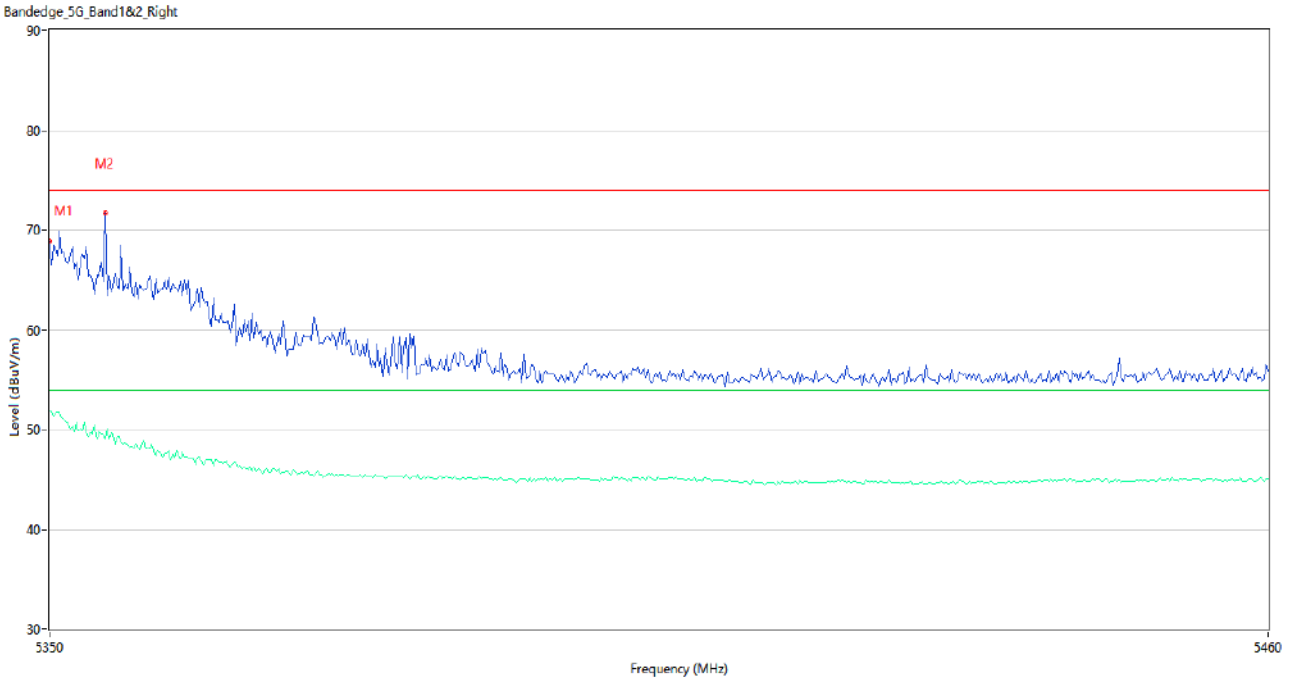
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	65.79	0.85	74.0	8.21	Peak	92.00	100	Horizontal	Pass
1**	5350.000	49.39	0.85	54.0	4.61	AV	92.00	100	Horizontal	Pass
2	5350.183	69.44	0.86	74.0	4.56	Peak	263.00	100	Horizontal	Pass
2**	5350.183	49.71	0.86	54.0	4.29	AV	263.00	100	Horizontal	Pass
3	5351.467	66.05	0.85	74.0	7.95	Peak	33.00	150	Horizontal	Pass
3**	5351.467	50.48	0.85	54.0	3.52	AV	33.00	150	Horizontal	Pass

U-NII-2A 11n20 Low Channel



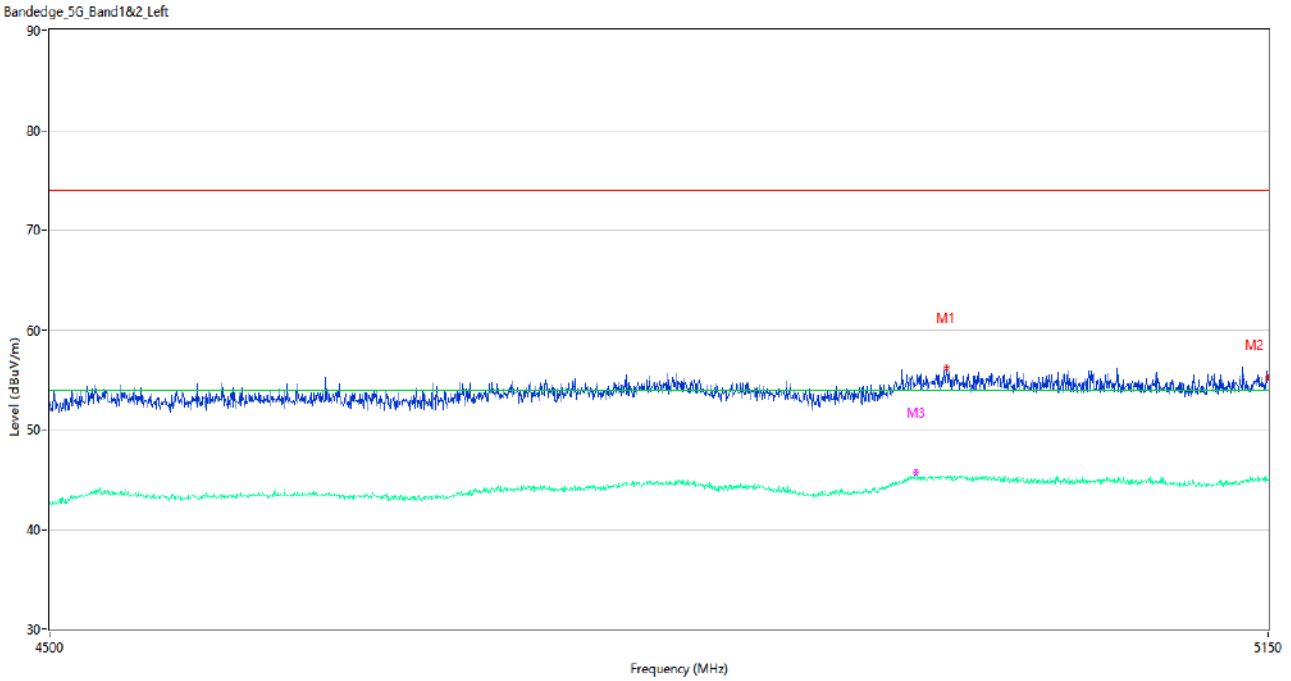
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5139.925	56.16	0.90	74.0	17.84	Peak	337.00	200	Horizontal	Pass
1**	5139.925	44.99	0.90	54.0	9.01	AV	337.00	200	Horizontal	Pass
2	5150.000	54.37	0.84	74.0	19.63	Peak	337.00	100	Horizontal	Pass
2**	5150.000	44.90	0.84	54.0	9.10	AV	337.00	100	Horizontal	Pass
3	4966.700	54.00	2.00	74.0	20.00	Peak	292.00	150	Horizontal	Pass
3**	4966.700	45.70	2.00	54.0	8.30	AV	292.00	150	Horizontal	Pass

U-NII-2A 11n20 High Channel



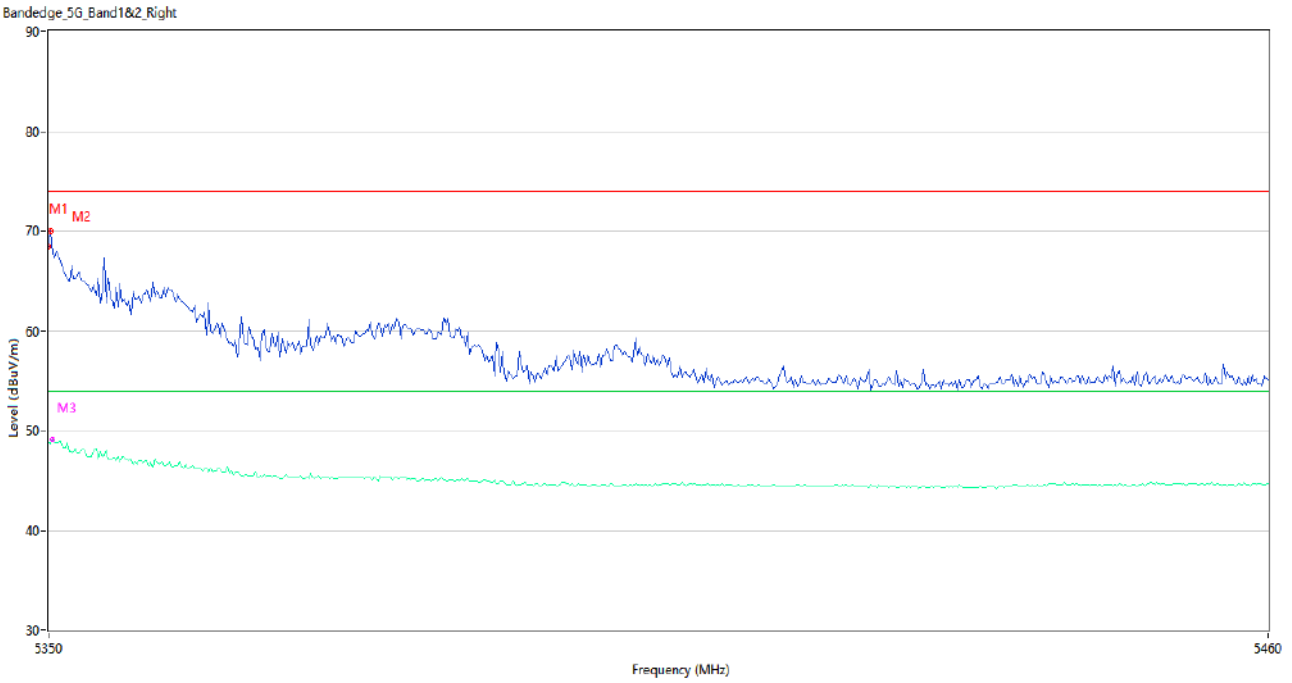
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	68.83	0.85	74.0	5.17	Peak	47.00	200	Horizontal	Pass
1**	5350.000	51.86	0.85	54.0	2.14	AV	47.00	200	Horizontal	Pass
2	5354.950	71.70	0.82	74.0	2.30	Peak	141.00	200	Horizontal	Pass
2**	5354.950	49.14	0.82	54.0	4.86	AV	141.00	200	Horizontal	Pass

U-NII-2A 11n40 Low Channel



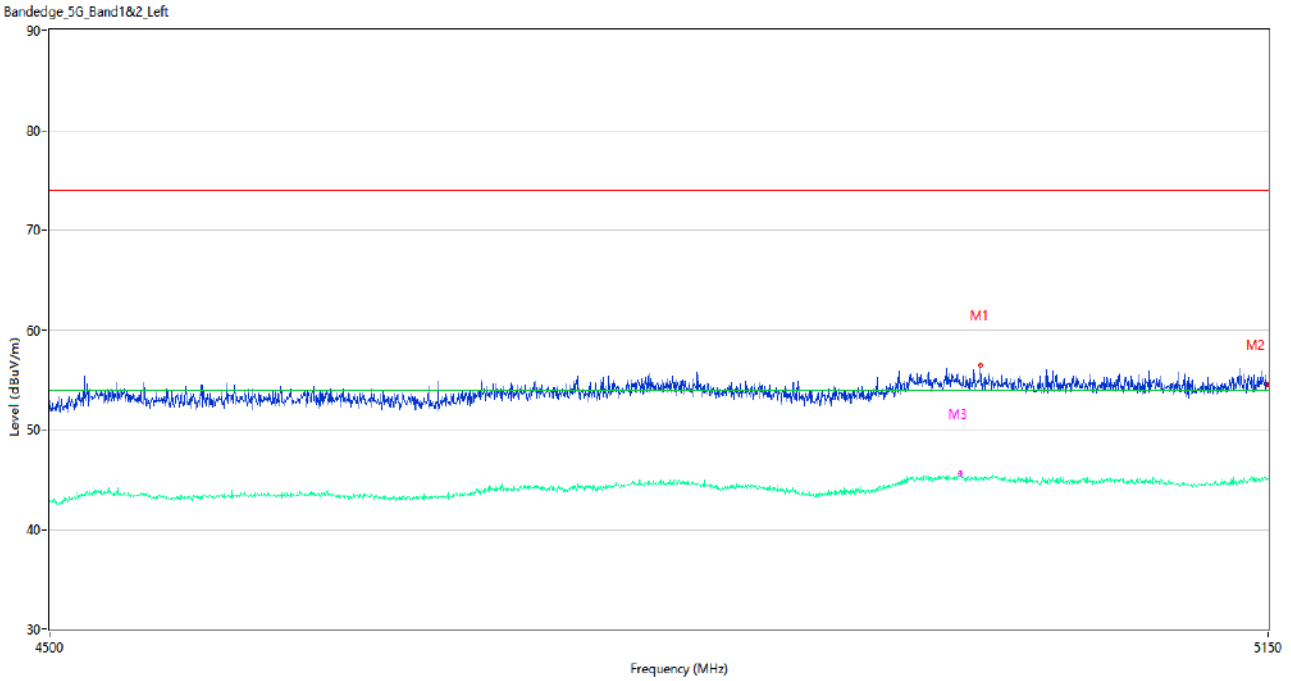
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4969.950	56.24	2.01	74.0	17.76	Peak	119.00	100	Horizontal	Pass
1**	4969.950	45.08	2.01	54.0	8.92	AV	119.00	100	Horizontal	Pass
2	5150.000	55.20	0.84	74.0	18.80	Peak	42.00	150	Horizontal	Pass
2**	5150.000	44.90	0.84	54.0	9.10	AV	42.00	150	Horizontal	Pass
3	4953.050	54.41	2.40	74.0	19.59	Peak	298.00	150	Horizontal	Pass
3**	4953.050	45.66	2.40	54.0	8.34	AV	298.00	150	Horizontal	Pass

U-NII-2A 11n40 High Channel



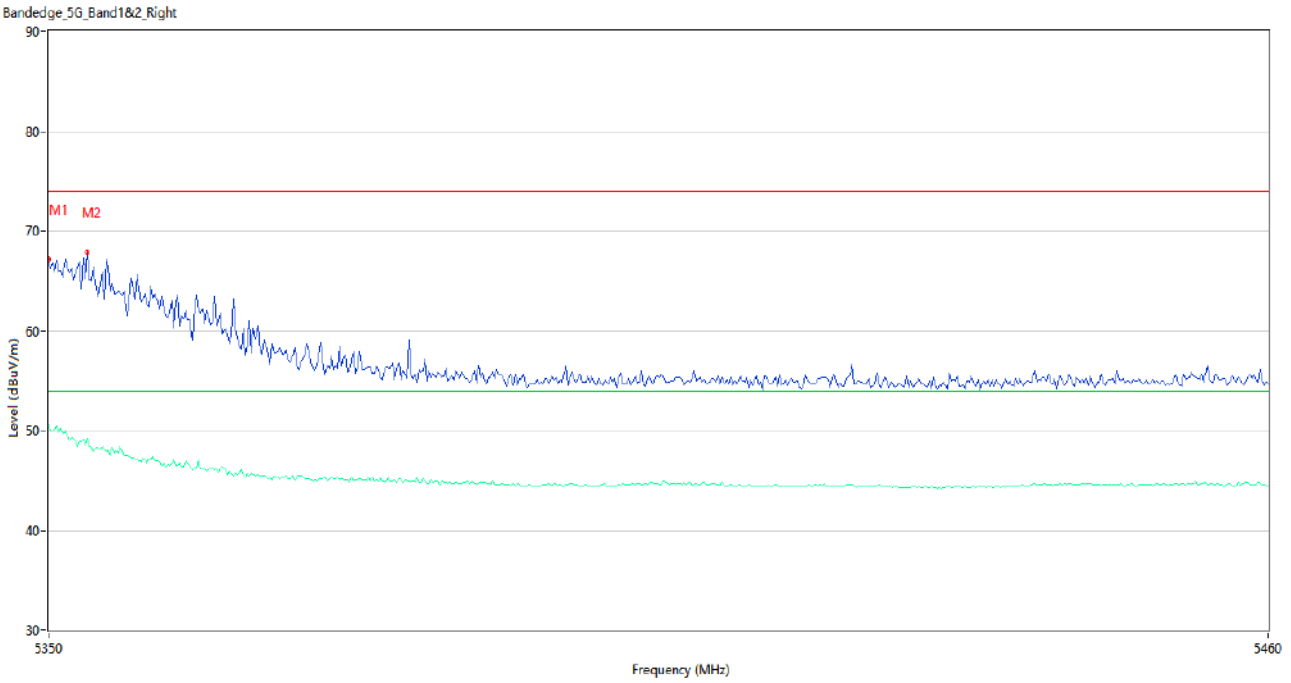
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	68.41	0.85	74.0	5.59	Peak	48.00	100	Horizontal	Pass
1**	5350.000	48.77	0.85	54.0	5.23	AV	48.00	100	Horizontal	Pass
2	5350.183	69.98	0.86	74.0	4.02	Peak	156.00	200	Horizontal	Pass
2**	5350.183	48.66	0.86	54.0	5.34	AV	156.00	200	Horizontal	Pass
3	5350.367	67.71	0.86	74.0	6.29	Peak	119.00	150	Horizontal	Pass
3**	5350.367	49.07	0.86	54.0	4.93	AV	119.00	150	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



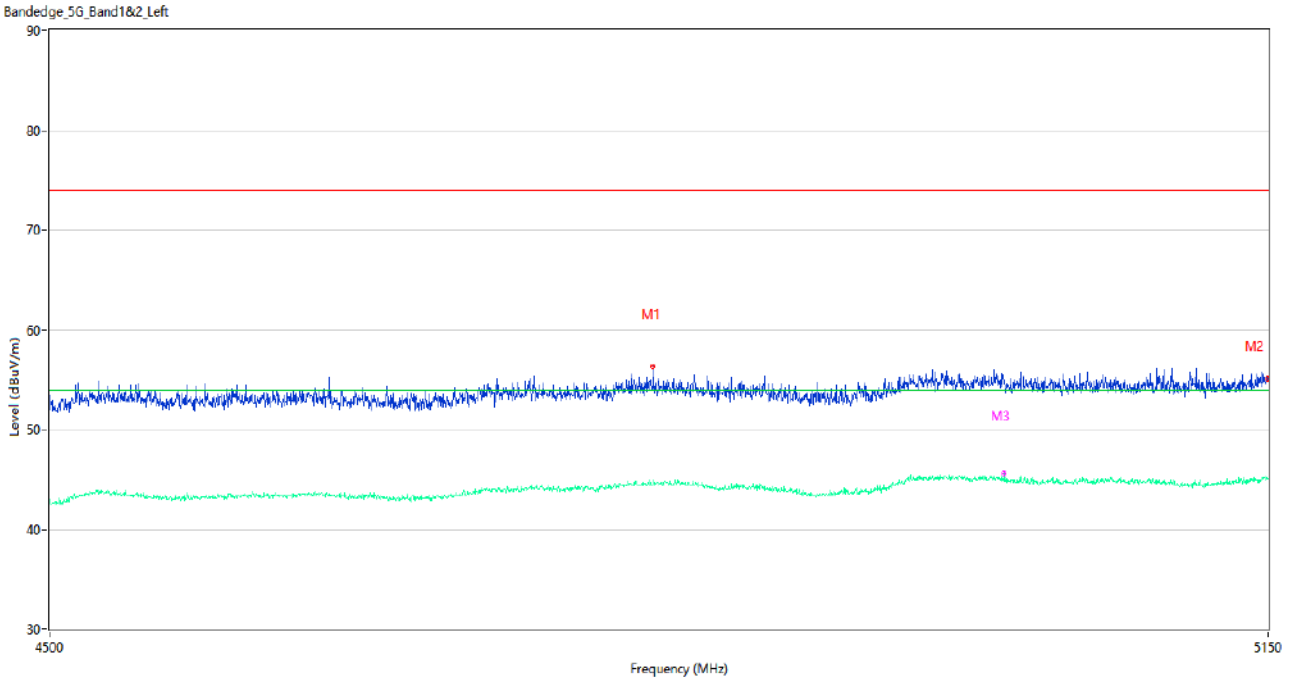
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4988.475	56.43	1.83	74.0	17.57	Peak	184.00	150	Horizontal	Pass
1**	4988.475	45.08	1.83	54.0	8.92	AV	184.00	150	Horizontal	Pass
2	5150.000	54.51	0.84	74.0	19.49	Peak	156.00	200	Horizontal	Pass
2**	5150.000	45.04	0.84	54.0	8.96	AV	156.00	200	Horizontal	Pass
3	4977.750	54.69	1.88	74.0	19.31	Peak	0.00	150	Horizontal	Pass
3**	4977.750	45.56	1.88	54.0	8.44	AV	0.00	150	Horizontal	Pass

U-NII-2A 11ac20 High Channel



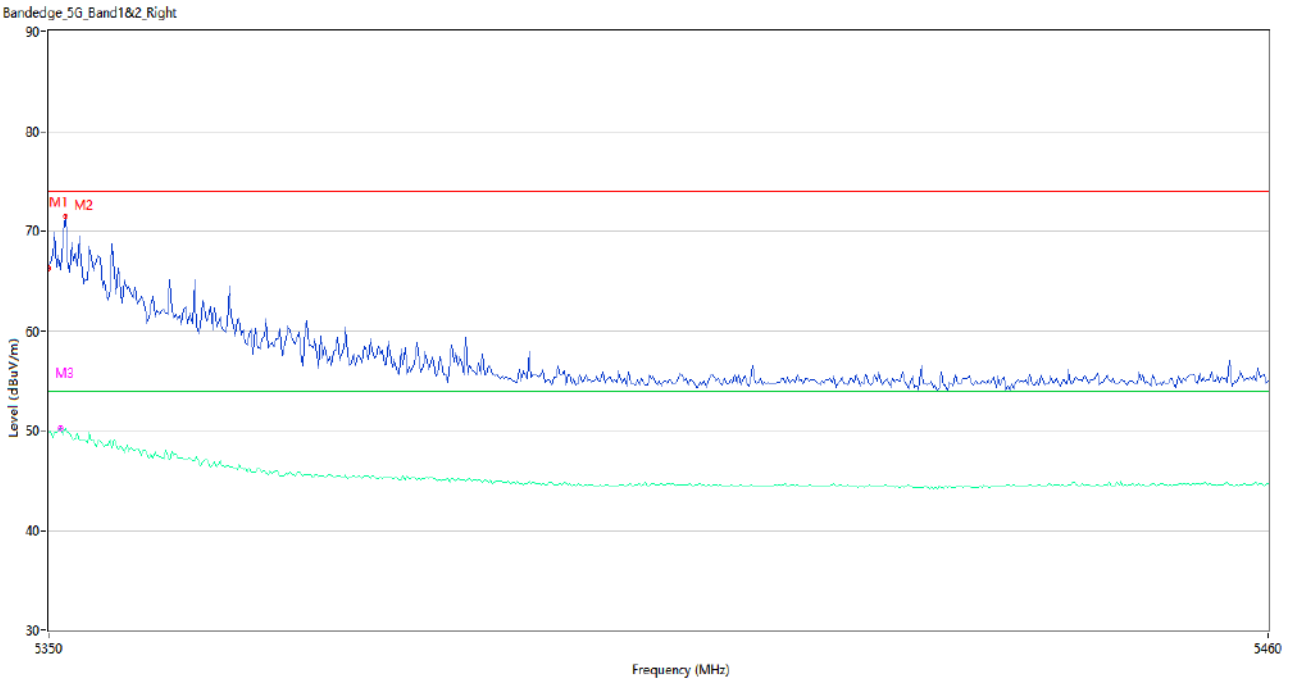
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	67.21	0.85	74.0	6.79	Peak	247.00	150	Horizontal	Pass
1**	5350.000	50.55	0.85	54.0	3.45	AV	247.00	150	Horizontal	Pass
2	5353.483	67.88	0.81	74.0	6.12	Peak	45.00	150	Horizontal	Pass
2**	5353.483	49.26	0.81	54.0	4.74	AV	45.00	150	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



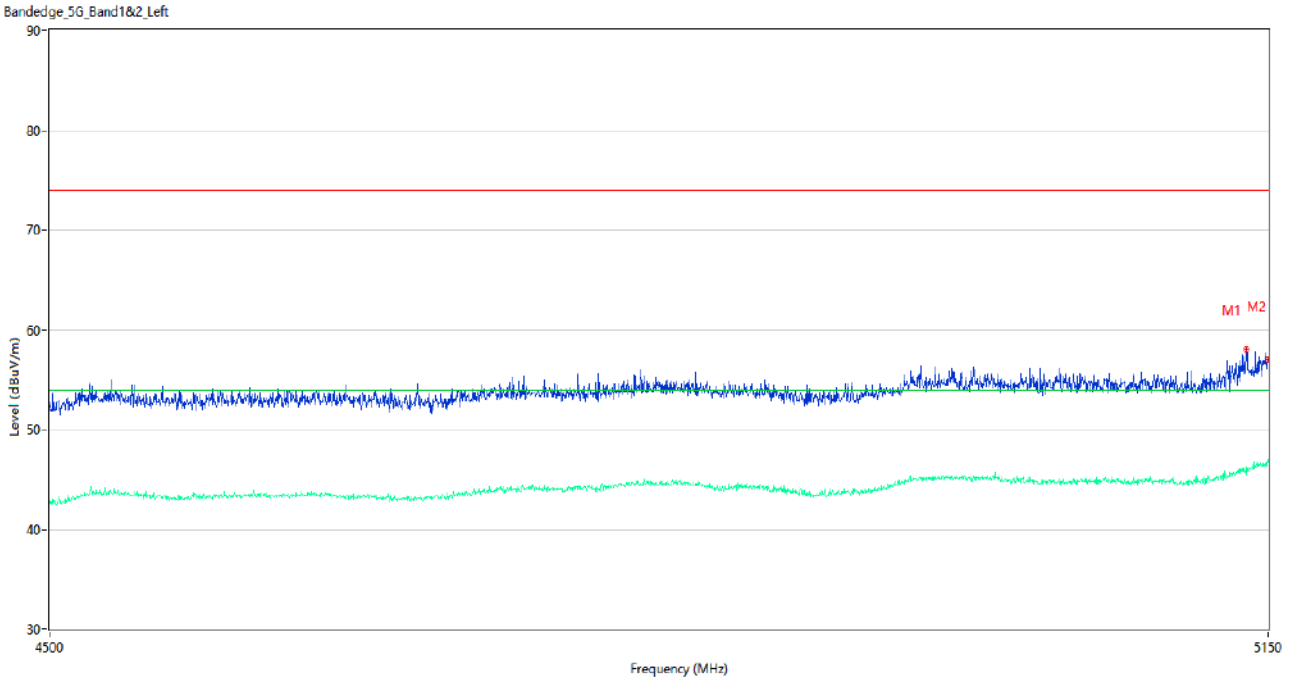
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4811.025	56.34	1.02	74.0	17.66	Peak	38.00	200	Horizontal	Pass
1**	4811.025	44.44	1.02	54.0	9.56	AV	38.00	200	Horizontal	Pass
2	5150.000	55.13	0.84	74.0	18.87	Peak	271.00	100	Horizontal	Pass
2**	5150.000	45.00	0.84	54.0	9.00	AV	271.00	100	Horizontal	Pass
3	5001.800	54.46	1.71	74.0	19.54	Peak	22.00	150	Horizontal	Pass
3**	5001.800	45.61	1.71	54.0	8.39	AV	22.00	150	Horizontal	Pass

U-NII-2A 11ac40 High Channel



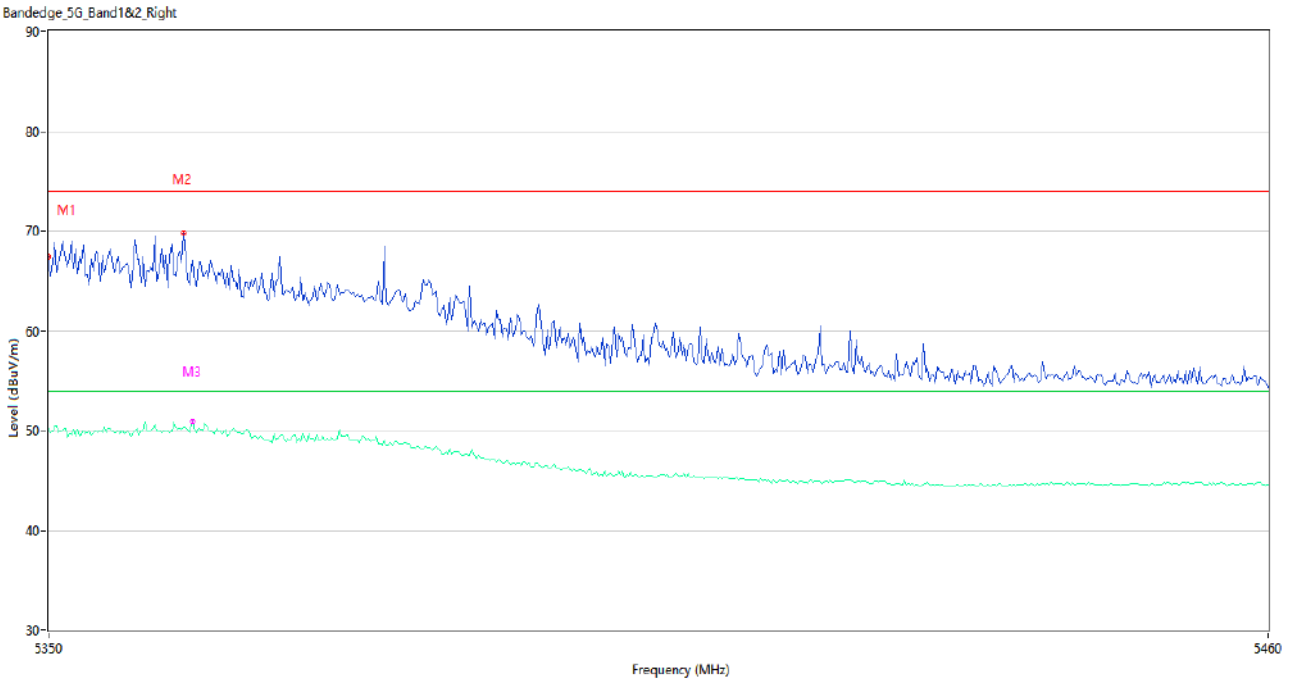
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	66.25	0.85	74.0	7.75	Peak	33.00	100	Horizontal	Pass
1**	5350.000	49.73	0.85	54.0	4.27	AV	33.00	100	Horizontal	Pass
2	5351.467	71.45	0.85	74.0	2.55	Peak	103.00	100	Horizontal	Pass
2**	5351.467	50.19	0.85	54.0	3.81	AV	103.00	100	Horizontal	Pass
3	5351.100	66.13	0.86	74.0	7.87	Peak	158.00	150	Horizontal	Pass
3**	5351.100	50.24	0.86	54.0	3.76	AV	158.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



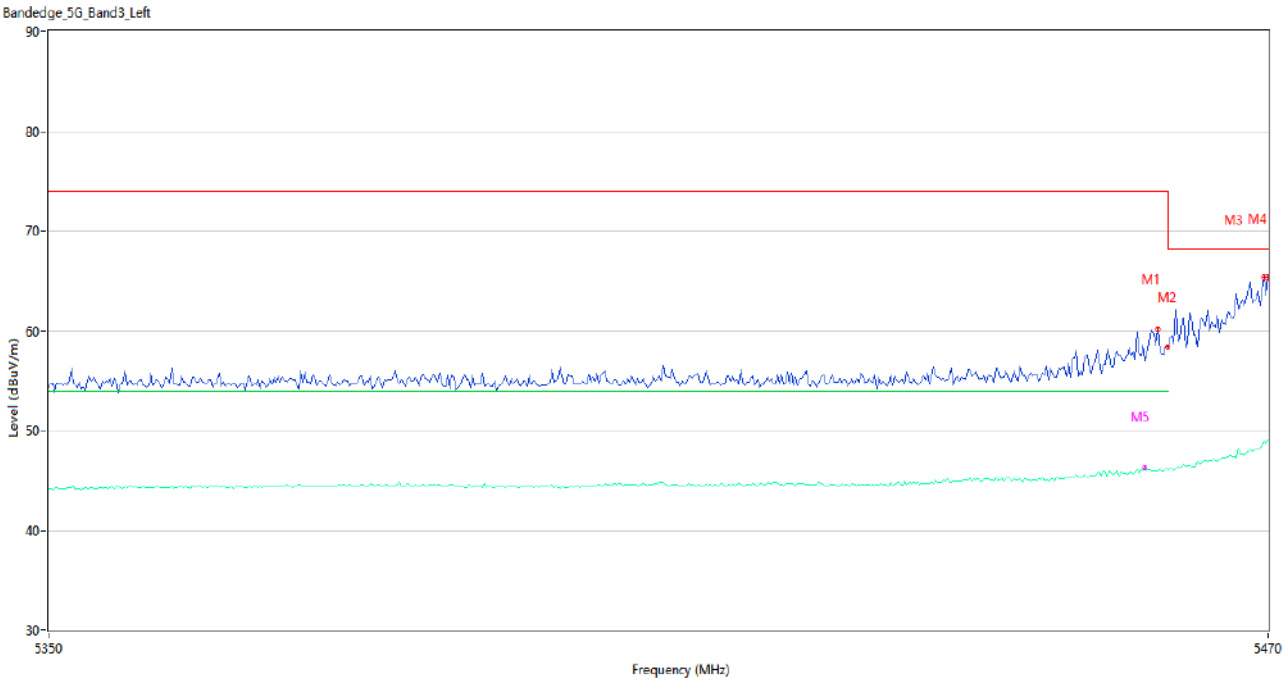
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5137.325	58.05	0.80	74.0	15.95	Peak	12.00	100	Horizontal	Pass
1**	5137.325	45.51	0.80	54.0	8.49	AV	12.00	100	Horizontal	Pass
2	5150.000	56.97	0.84	74.0	17.03	Peak	139.00	200	Horizontal	Pass
2**	5150.000	46.94	0.84	54.0	7.06	AV	139.00	200	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



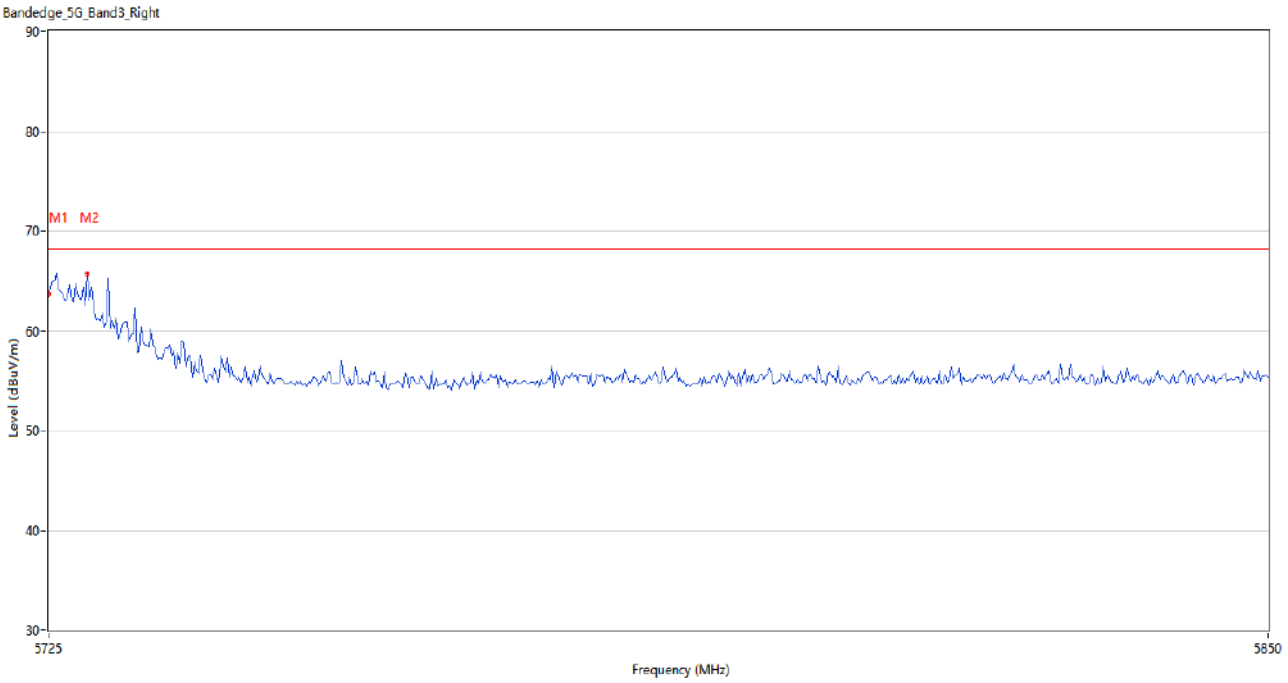
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	67.40	0.85	74.0	6.60	Peak	237.00	150	Horizontal	Pass
1**	5350.000	50.27	0.85	54.0	3.73	AV	237.00	150	Horizontal	Pass
2	5362.100	69.78	0.77	74.0	4.22	Peak	155.00	150	Horizontal	Pass
2**	5362.100	50.35	0.77	54.0	3.65	AV	155.00	150	Horizontal	Pass
3	5362.833	67.10	0.77	74.0	6.90	Peak	132.00	150	Horizontal	Pass
3**	5362.833	50.89	0.77	54.0	3.11	AV	132.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel



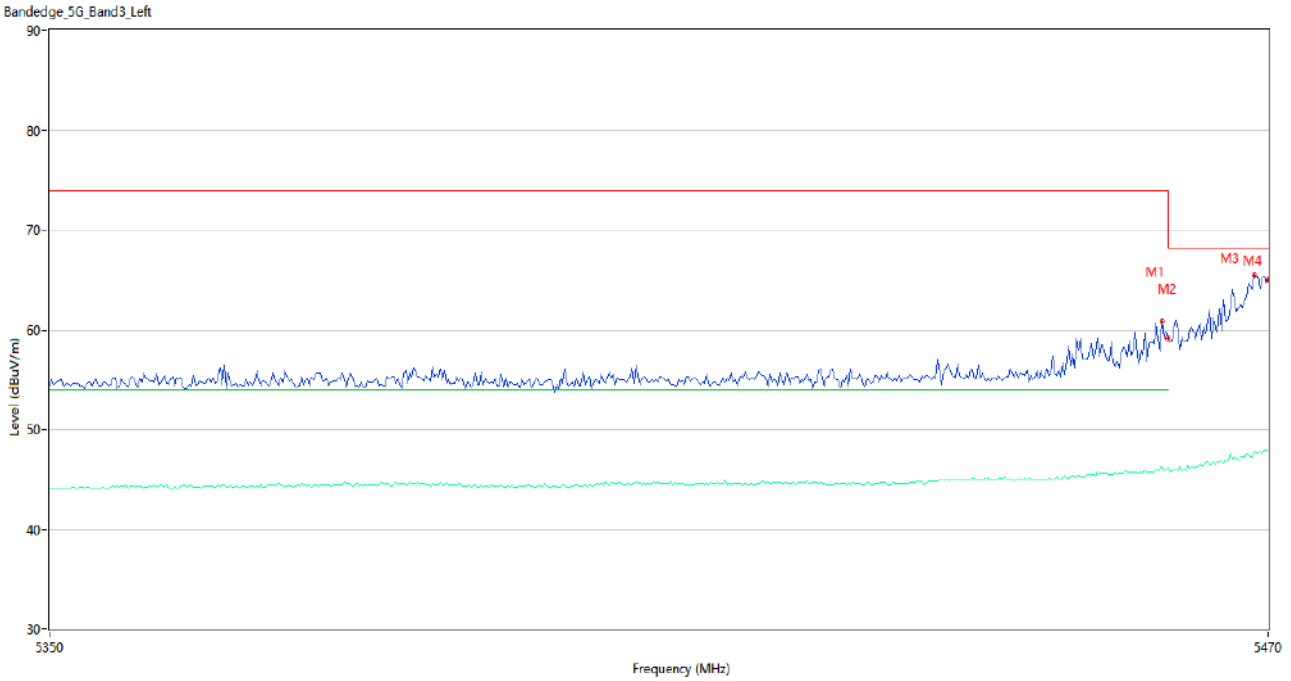
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.000	60.13	1.24	74.0	13.87	Peak	235.00	200	Horizontal	Pass
1**	5459.000	45.98	1.24	54.0	8.02	AV	235.00	200	Horizontal	Pass
2	5460.000	58.31	1.23	74.0	15.69	Peak	230.00	150	Horizontal	Pass
2**	5460.000	46.06	1.23	54.0	7.94	AV	230.00	150	Horizontal	Pass
3	5469.600	65.42	1.37	68.2	2.78	Peak	115.00	200	Horizontal	Pass
3**	5469.600	48.92	1.37	--	--	AV	115.00	200	Horizontal	N/A
4	5470.000	65.38	1.37	68.2	2.82	Peak	40.00	100	Horizontal	Pass
4**	5470.000	49.07	1.37	--	--	AV	40.00	100	Horizontal	N/A
5	5457.800	57.06	1.19	74.0	16.94	Peak	115.00	150	Horizontal	Pass
5**	5457.800	46.22	1.19	54.0	7.78	AV	115.00	150	Horizontal	Pass

U-NII-2C 11a High Channel



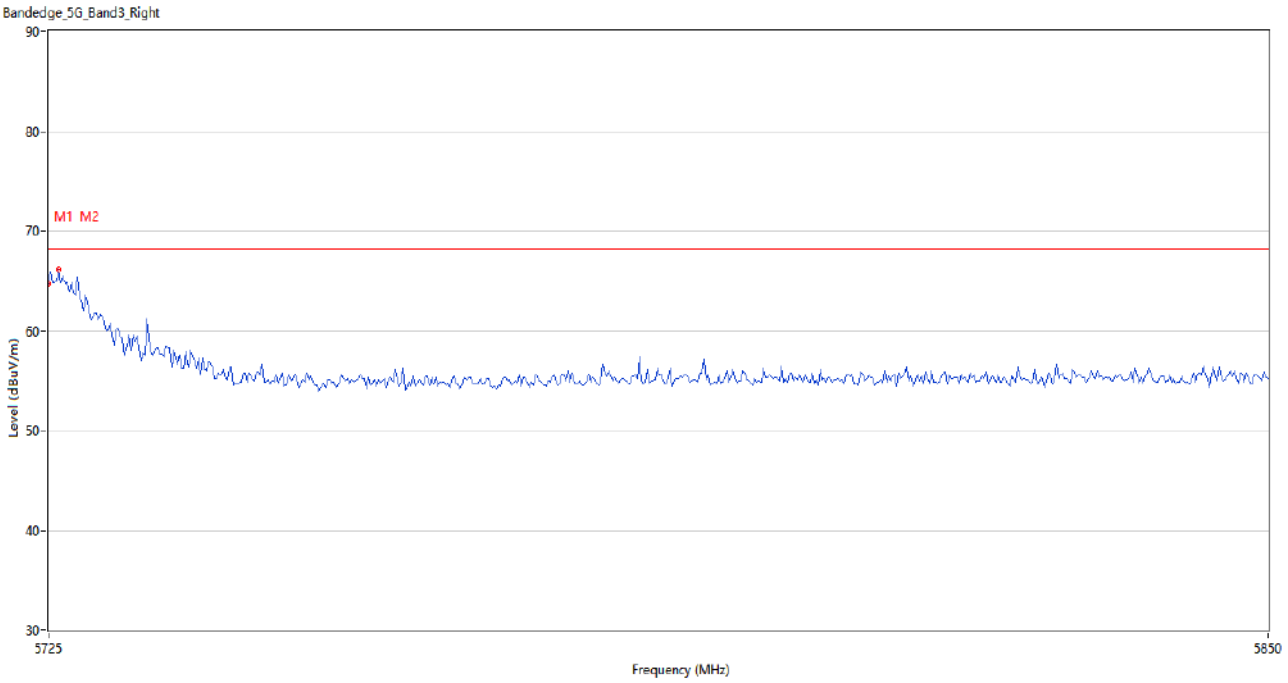
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.69	0.63	68.2	4.51	Peak	160.00	200	Horizontal	Pass
2	5728.958	65.66	0.59	68.2	2.54	Peak	228.00	150	Horizontal	Pass

U-NII-2C 11n20 Low Channel



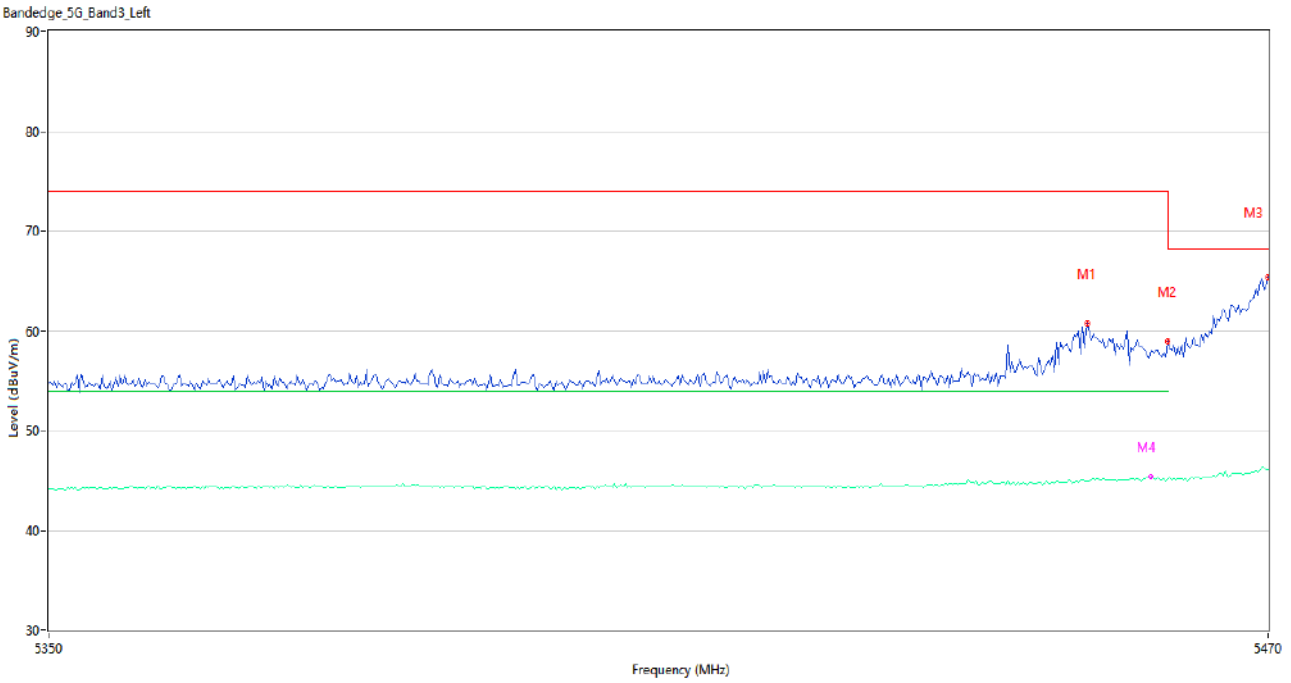
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.400	60.84	1.24	74.0	13.16	Peak	247.00	200	Horizontal	Pass
1**	5459.400	46.31	1.24	54.0	7.69	AV	247.00	200	Horizontal	Pass
2	5460.000	59.12	1.23	74.0	14.88	Peak	269.00	200	Horizontal	Pass
2**	5460.000	46.17	1.23	54.0	7.83	AV	269.00	200	Horizontal	Pass
3	5468.600	65.52	1.35	68.2	2.68	Peak	117.00	100	Horizontal	Pass
3**	5468.600	47.71	1.35	--	--	AV	117.00	100	Horizontal	N/A
4	5470.000	65.05	1.37	68.2	3.15	Peak	130.00	100	Horizontal	Pass
4**	5470.000	47.84	1.37	--	--	AV	130.00	100	Horizontal	N/A

U-NII-2C 11n20 High Channel



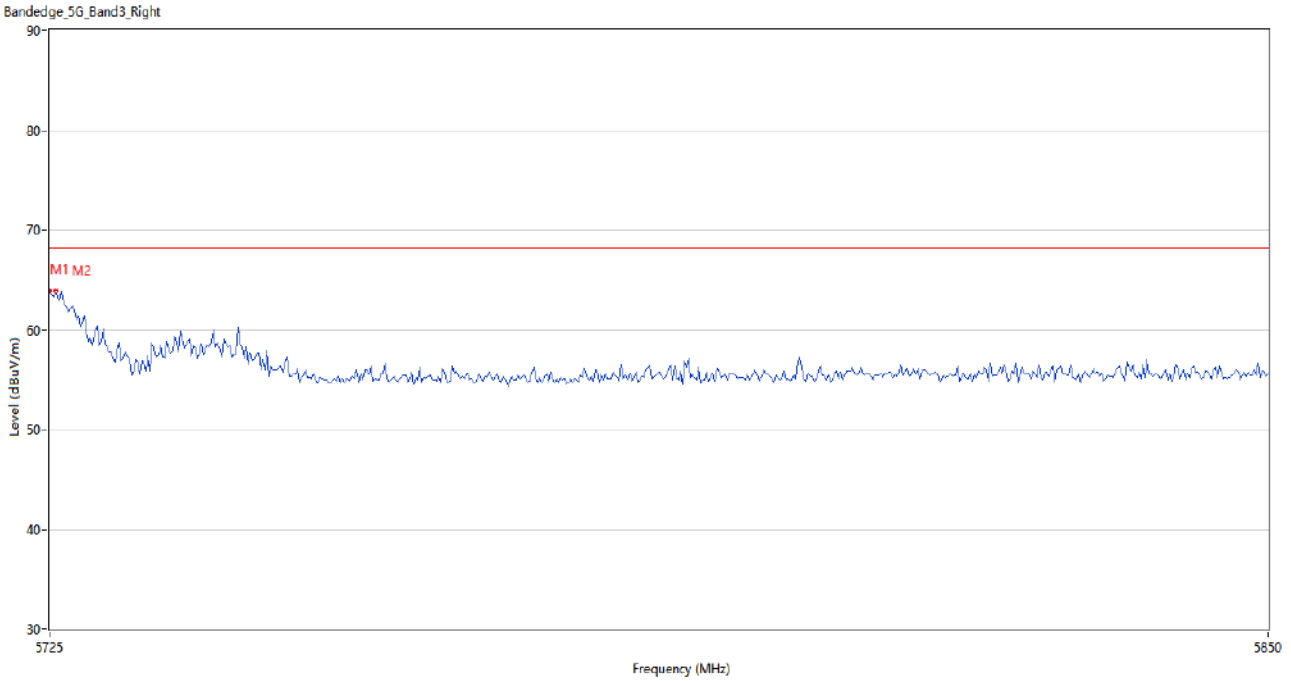
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	64.66	0.63	68.2	3.54	Peak	39.00	150	Horizontal	Pass
2	5726.042	66.11	0.65	68.2	2.09	Peak	230.00	200	Horizontal	Pass

U-NII-2C 11n40 Low Channel



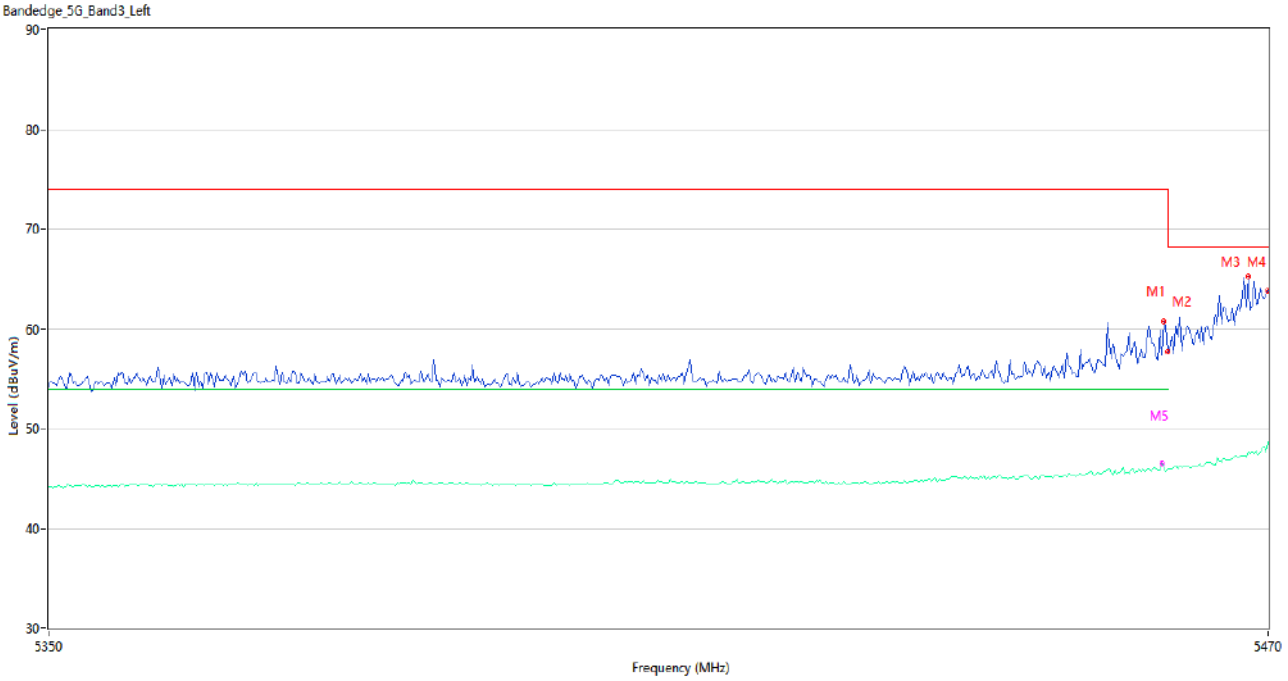
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5452.000	60.72	1.28	74.0	13.28	Peak	117.00	100	Horizontal	Pass
1**	5452.000	44.91	1.28	54.0	9.09	AV	117.00	100	Horizontal	Pass
2	5460.000	58.93	1.23	74.0	15.07	Peak	117.00	100	Horizontal	Pass
2**	5460.000	45.18	1.23	54.0	8.82	AV	117.00	100	Horizontal	Pass
3	5470.000	65.32	1.37	68.2	2.88	Peak	40.00	200	Horizontal	Pass
3**	5470.000	46.07	1.37	--	--	AV	40.00	200	Horizontal	N/A
4	5458.400	58.05	1.21	74.0	15.95	Peak	32.00	150	Horizontal	Pass
4**	5458.400	45.32	1.21	54.0	8.68	AV	32.00	150	Horizontal	Pass

U-NII-2C 11n40 High Channel



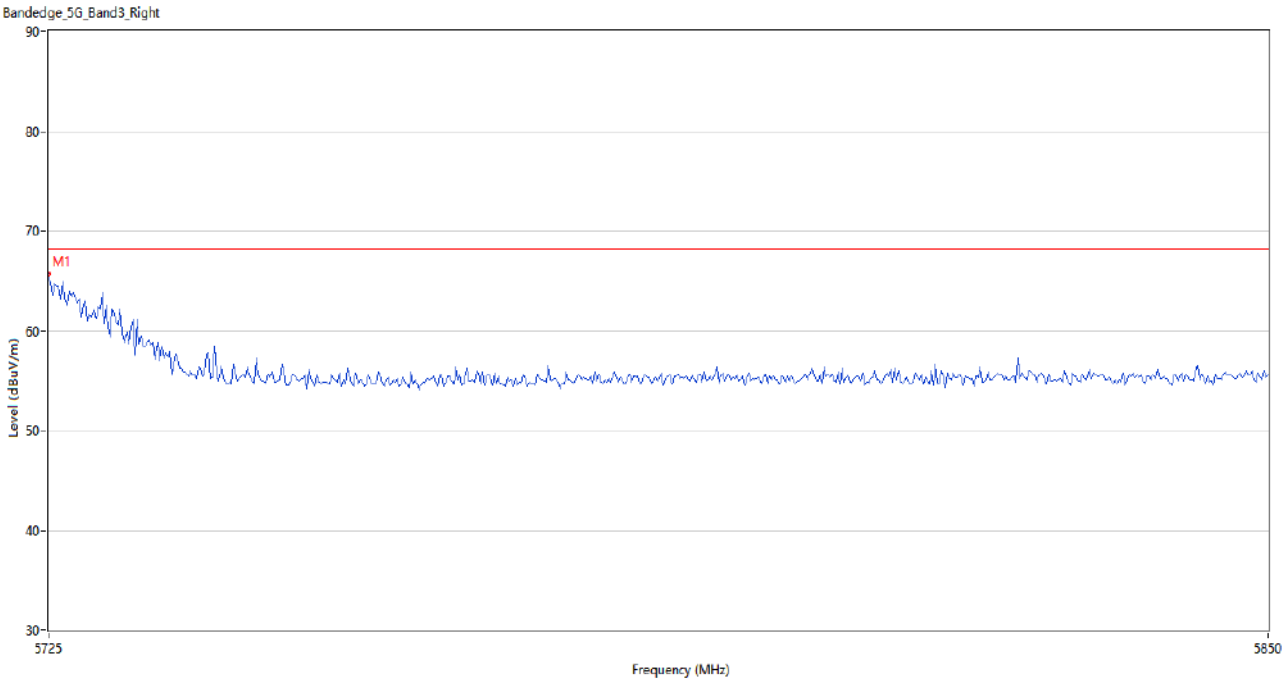
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.93	0.63	68.2	4.27	Peak	44.00	150	Horizontal	Pass
2	5725.625	63.95	0.64	68.2	4.25	Peak	150.00	100	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



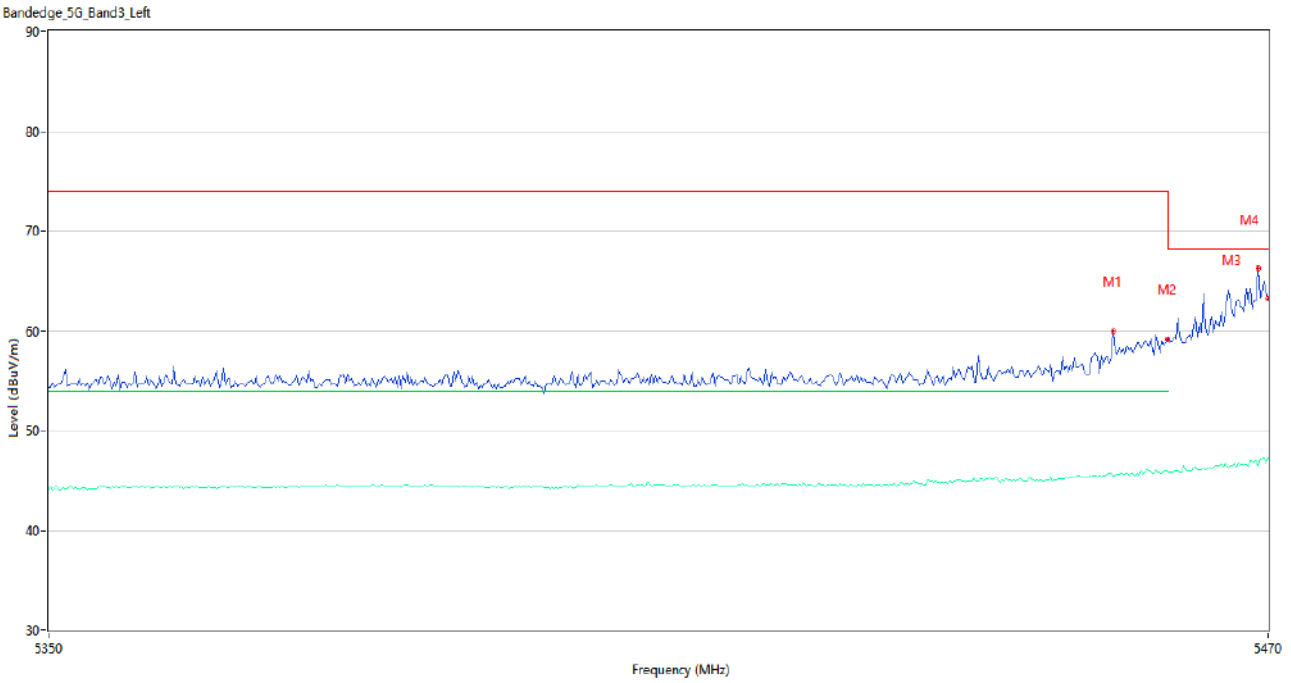
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.600	60.78	1.23	74.0	13.22	Peak	16.00	200	Horizontal	Pass
1**	5459.600	46.13	1.23	54.0	7.87	AV	16.00	200	Horizontal	Pass
2	5460.000	57.65	1.23	74.0	16.35	Peak	226.00	150	Horizontal	Pass
2**	5460.000	45.96	1.23	54.0	8.04	AV	226.00	150	Horizontal	Pass
3	5468.000	65.29	1.34	68.2	2.91	Peak	226.00	200	Horizontal	Pass
3**	5468.000	47.65	1.34	--	--	AV	226.00	200	Horizontal	N/A
4	5470.000	63.81	1.37	68.2	4.39	Peak	139.00	200	Horizontal	Pass
4**	5470.000	48.67	1.37	--	--	AV	139.00	200	Horizontal	N/A
5	5459.400	57.29	1.24	74.0	16.71	Peak	238.00	150	Horizontal	Pass
5**	5459.400	46.55	1.24	54.0	7.45	AV	238.00	150	Horizontal	Pass

U-NII-2C 11ac20 High Channel



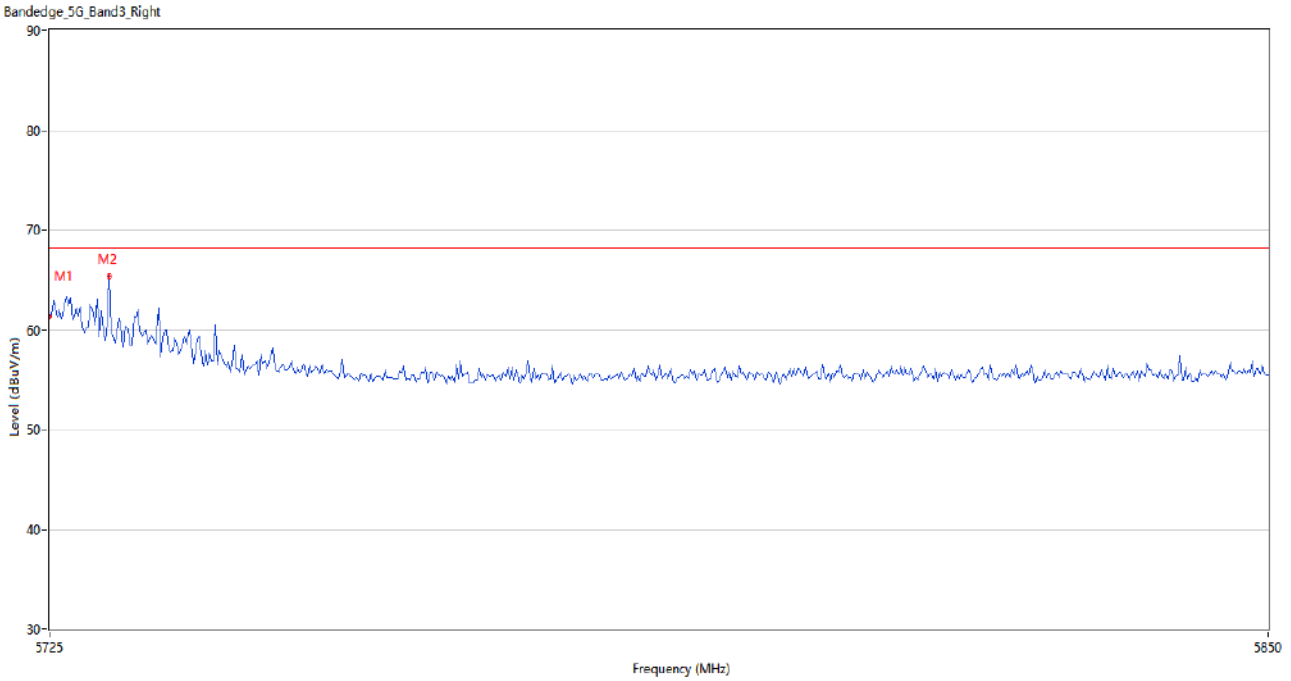
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	65.71	0.63	68.2	2.49	Peak	173.00	200	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



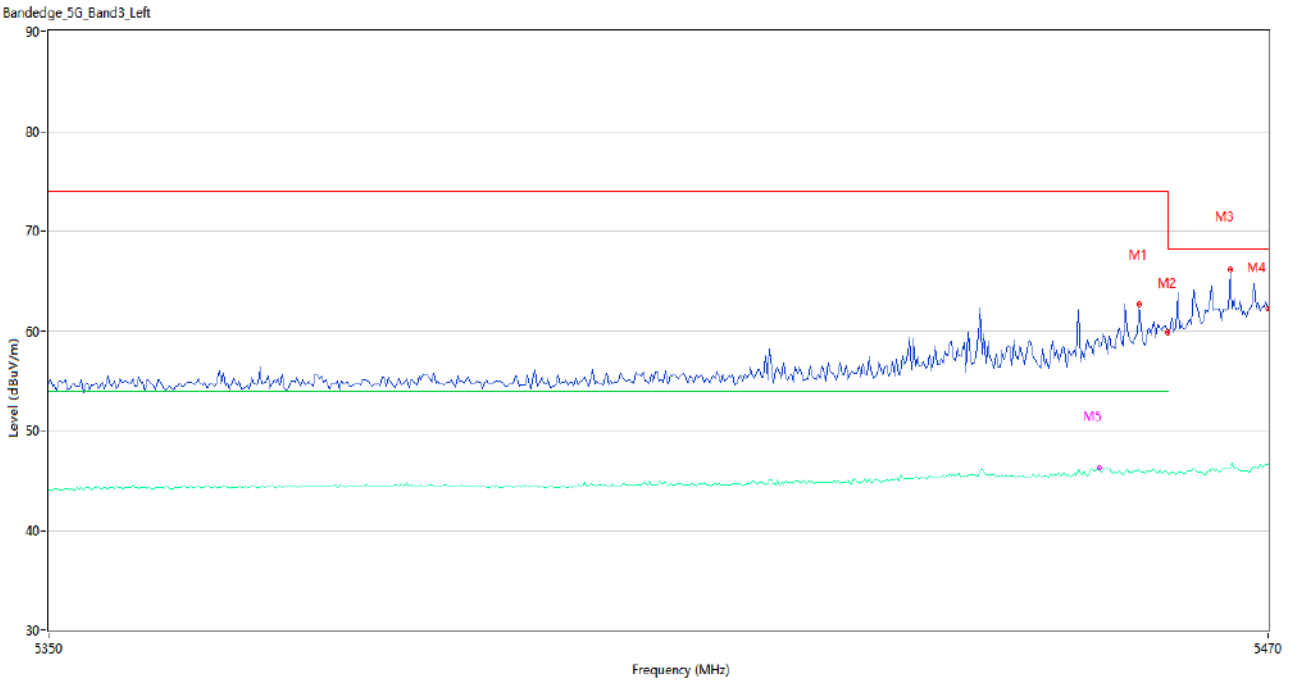
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5454.600	59.92	1.20	74.0	14.08	Peak	118.00	200	Horizontal	Pass
1**	5454.600	45.49	1.20	54.0	8.51	AV	118.00	200	Horizontal	Pass
2	5460.000	59.12	1.23	74.0	14.88	Peak	248.00	100	Horizontal	Pass
2**	5460.000	45.77	1.23	54.0	8.23	AV	248.00	100	Horizontal	Pass
3	5469.000	66.20	1.36	68.2	2.00	Peak	93.00	200	Horizontal	Pass
3**	5469.000	46.53	1.36	--	--	AV	93.00	200	Horizontal	N/A
4	5470.000	63.27	1.37	68.2	4.93	Peak	115.00	200	Horizontal	Pass
4**	5470.000	47.24	1.37	--	--	AV	115.00	200	Horizontal	N/A

U-NII-2C 11ac40 High Channel



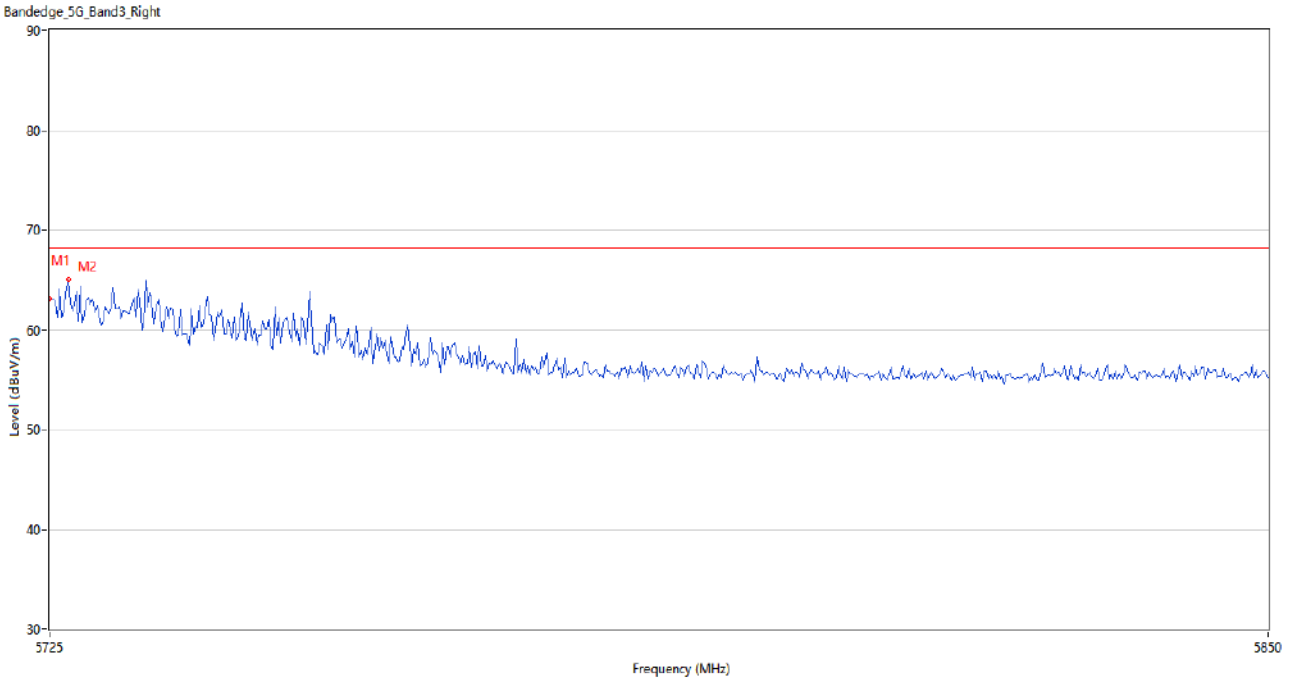
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.33	0.63	68.2	6.87	Peak	39.00	100	Horizontal	Pass
2	5731.041	65.38	0.57	68.2	2.82	Peak	247.00	150	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



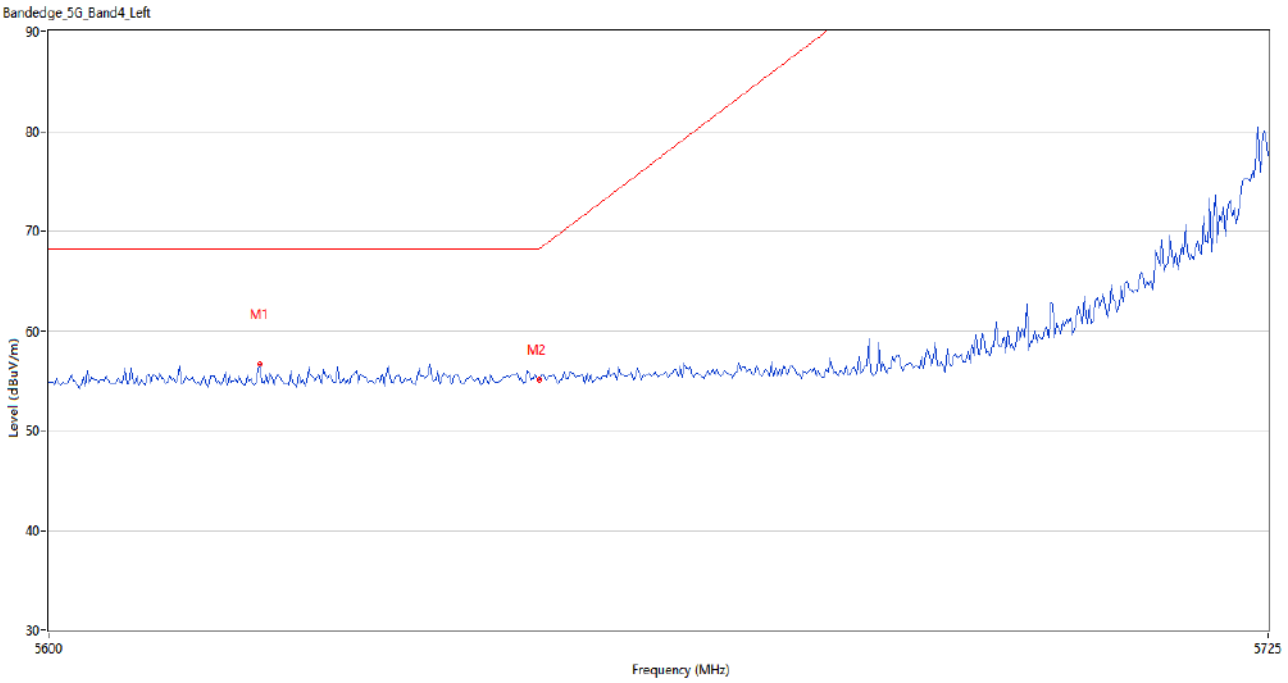
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.200	62.65	1.16	74.0	11.35	Peak	127.00	150	Horizontal	Pass
1**	5457.200	46.05	1.16	54.0	7.95	AV	127.00	150	Horizontal	Pass
2	5460.000	59.85	1.23	74.0	14.15	Peak	116.00	200	Horizontal	Pass
2**	5460.000	45.72	1.23	54.0	8.28	AV	116.00	200	Horizontal	Pass
3	5466.200	66.17	1.31	68.2	2.03	Peak	129.00	150	Horizontal	Pass
3**	5466.200	46.25	1.31	--	--	AV	129.00	150	Horizontal	N/A
4	5470.000	62.22	1.37	68.2	5.98	Peak	156.00	100	Horizontal	Pass
4**	5470.000	46.64	1.37	--	--	AV	156.00	100	Horizontal	N/A
5	5453.200	58.34	1.27	74.0	15.66	Peak	241.00	150	Horizontal	Pass
5**	5453.200	46.31	1.27	54.0	7.69	AV	241.00	150	Horizontal	Pass

U-NII-2C 11ac80 High Channel



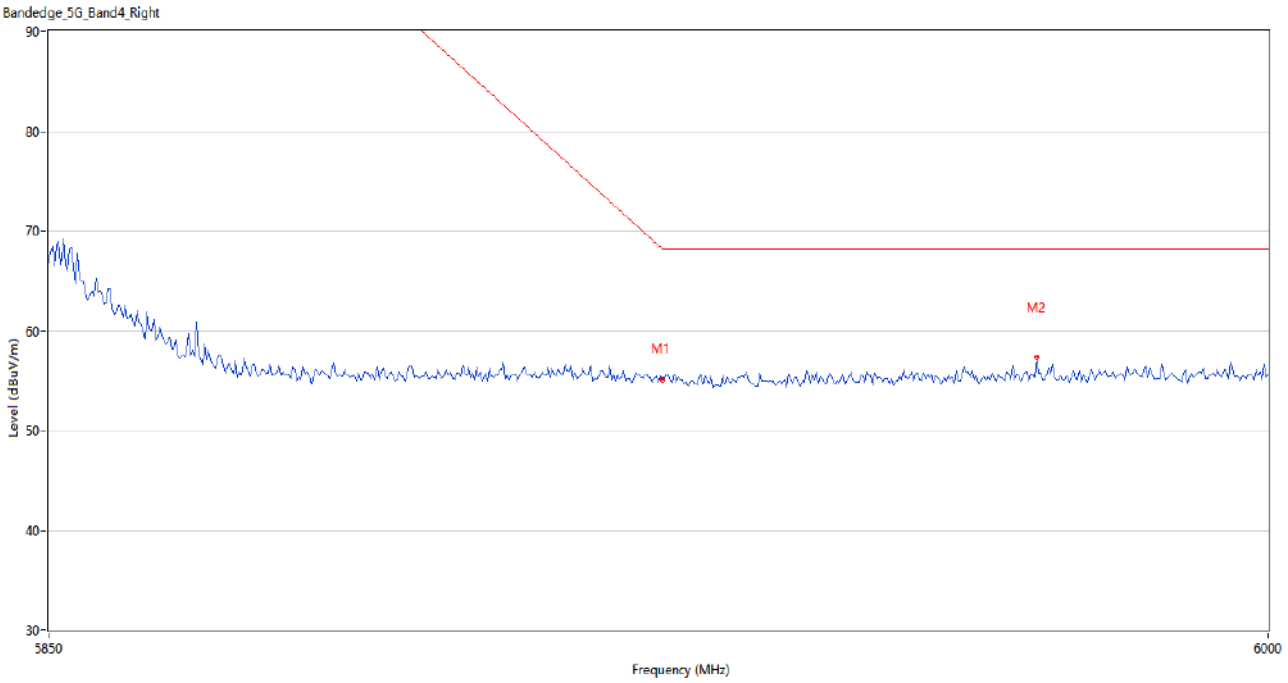
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.15	0.63	68.2	5.05	Peak	234.00	200	Horizontal	Pass
2	5726.875	65.01	0.66	68.2	3.19	Peak	37.00	200	Horizontal	Pass

U-NII-3 11a Low Channel



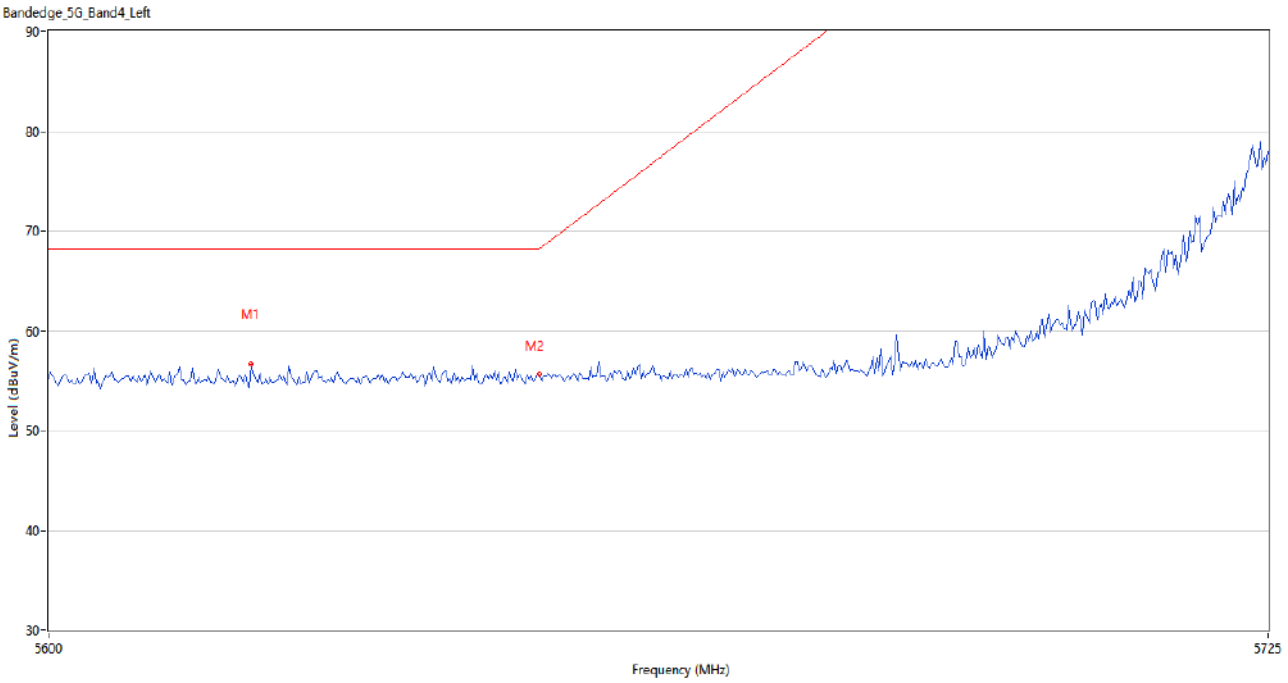
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5621.458	56.66	0.69	68.2	11.54	Peak	78.00	100	Horizontal	Pass
2	5650.000	55.04	0.79	68.2	13.16	Peak	191.00	100	Horizontal	Pass

U-NII-3 11a High Channel



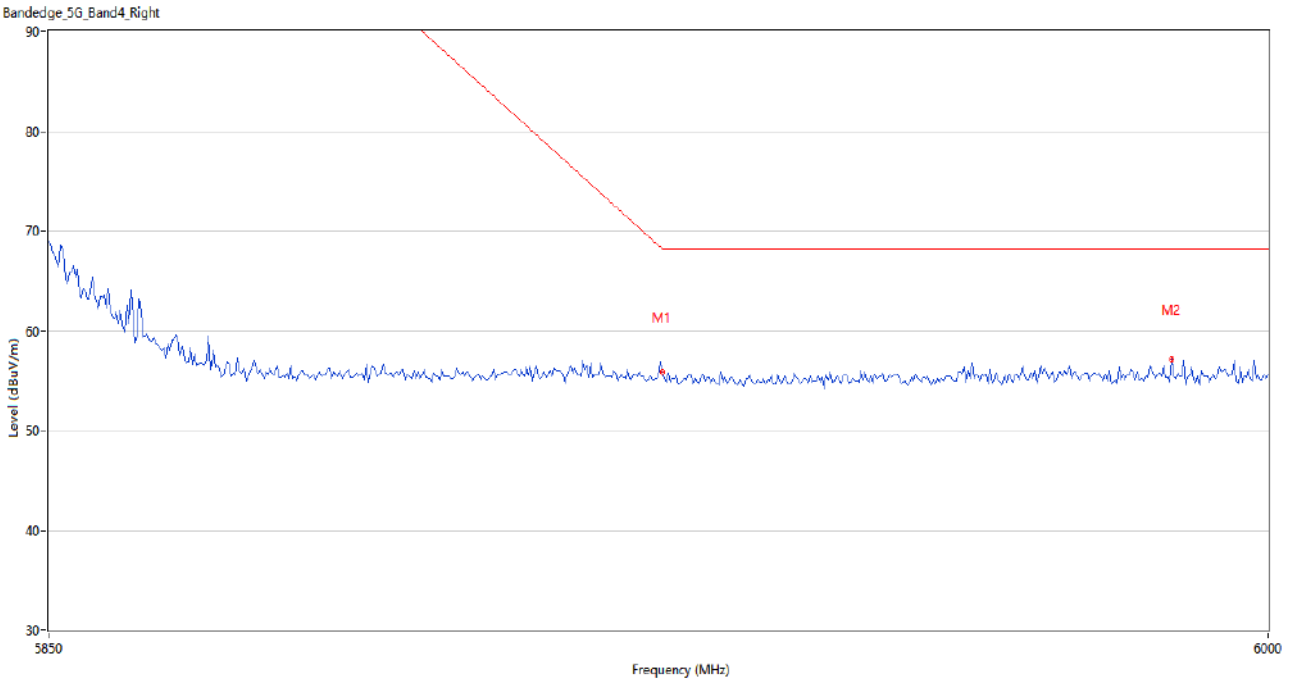
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.10	1.08	68.2	13.10	Peak	81.00	200	Horizontal	Pass
2	5971.250	57.37	1.20	68.2	10.83	Peak	189.00	150	Horizontal	Pass

U-NII-3 11n20 Low Channel



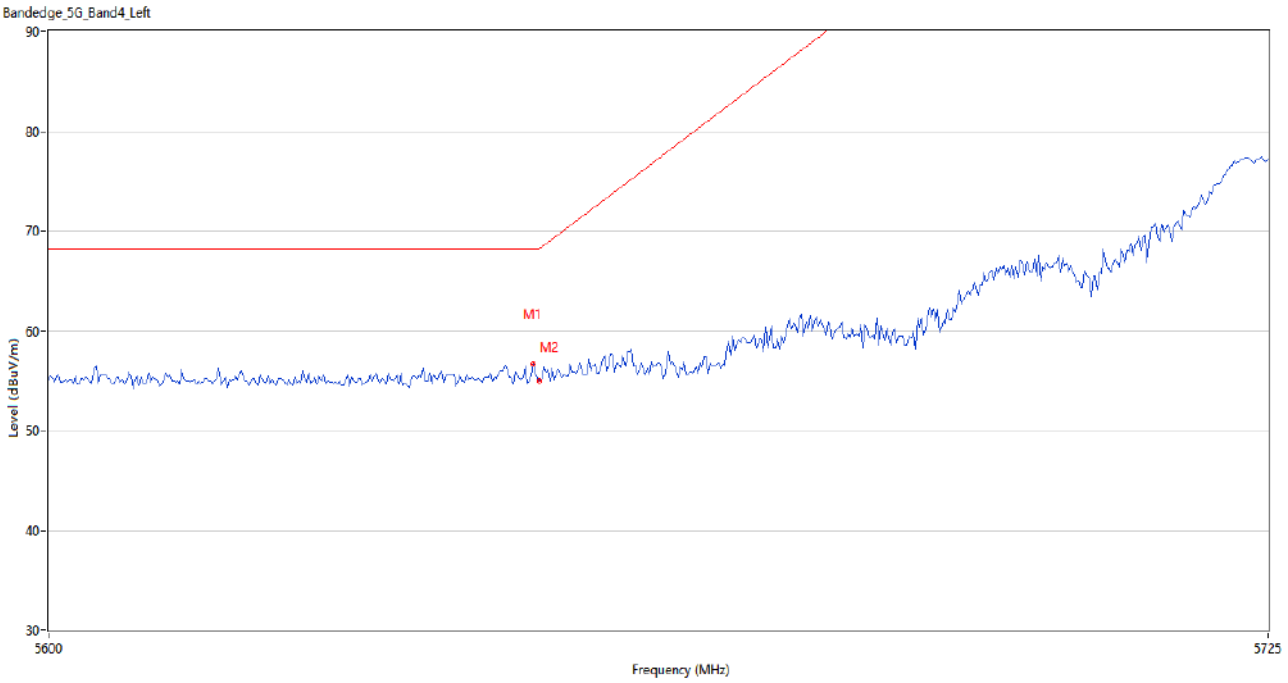
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5620.625	56.64	0.70	68.2	11.56	Peak	150.00	200	Horizontal	Pass
2	5650.000	55.62	0.79	68.2	12.58	Peak	0.00	200	Horizontal	Pass

U-NII-3 11n20 High Channel



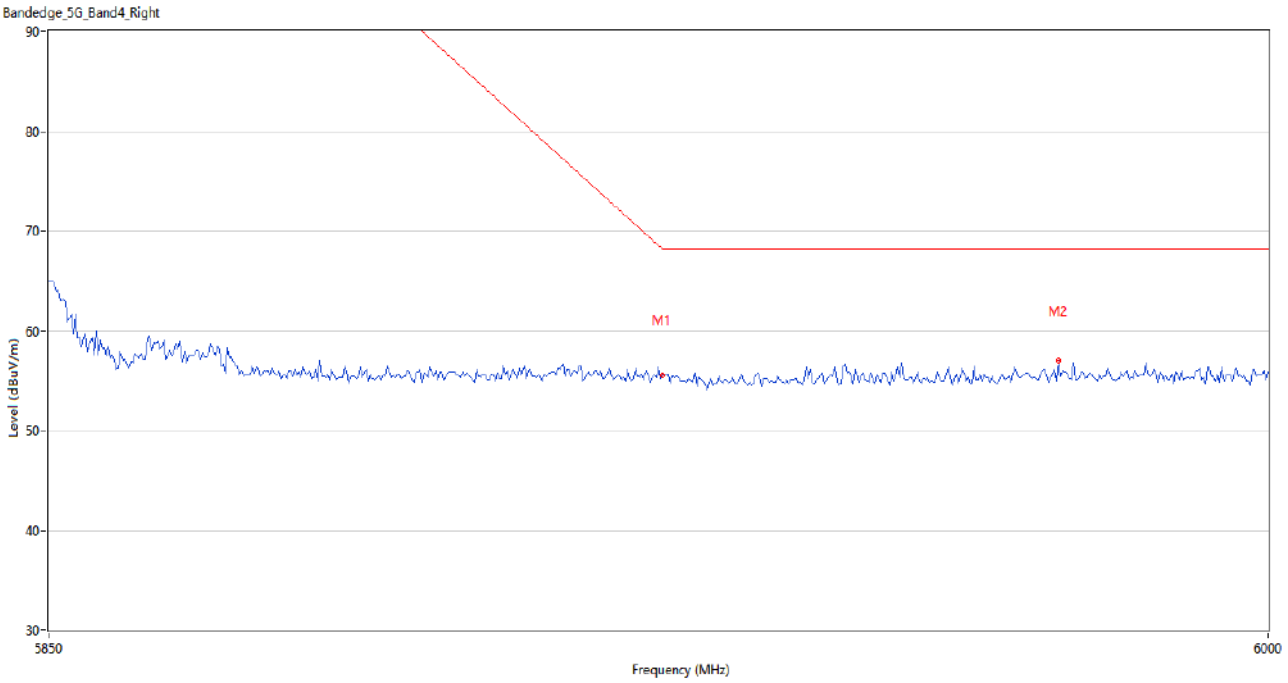
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.88	1.08	68.2	12.32	Peak	228.00	150	Horizontal	Pass
2	5988.000	57.12	0.93	68.2	11.08	Peak	313.00	150	Horizontal	Pass

U-NII-3 11n40 Low Channel



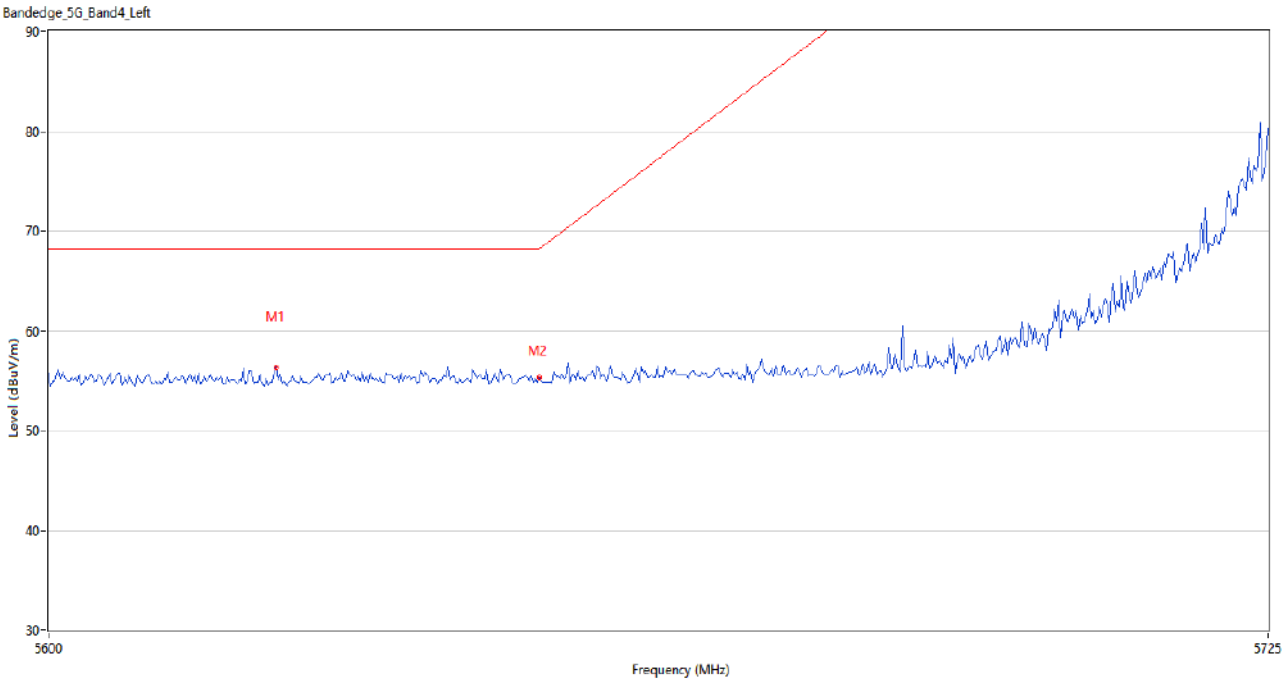
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.375	56.66	0.78	68.2	11.54	Peak	83.00	200	Horizontal	Pass
2	5650.000	54.97	0.79	68.2	13.23	Peak	183.00	100	Horizontal	Pass

U-NII-3 11n40 High Channel



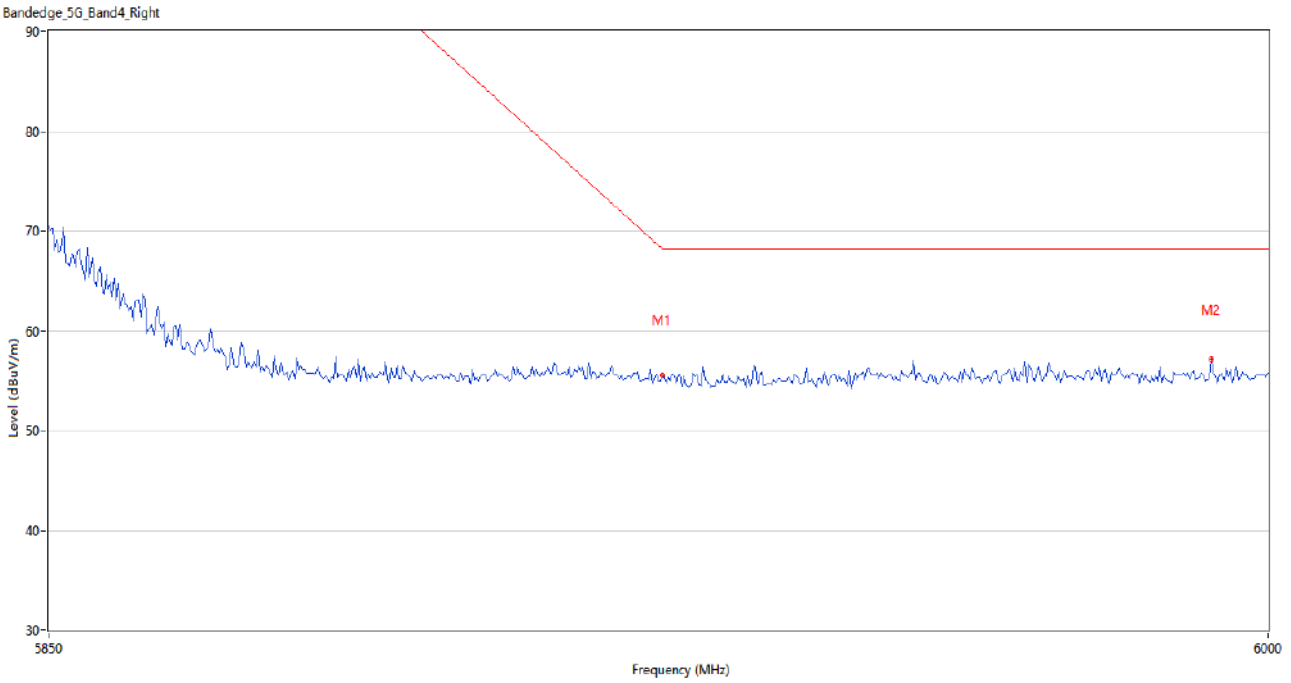
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.50	1.08	68.2	12.70	Peak	249.00	200	Horizontal	Pass
2	5974.000	56.96	1.15	68.2	11.24	Peak	236.00	150	Horizontal	Pass

U-NII-3 11ac20 Low Channel



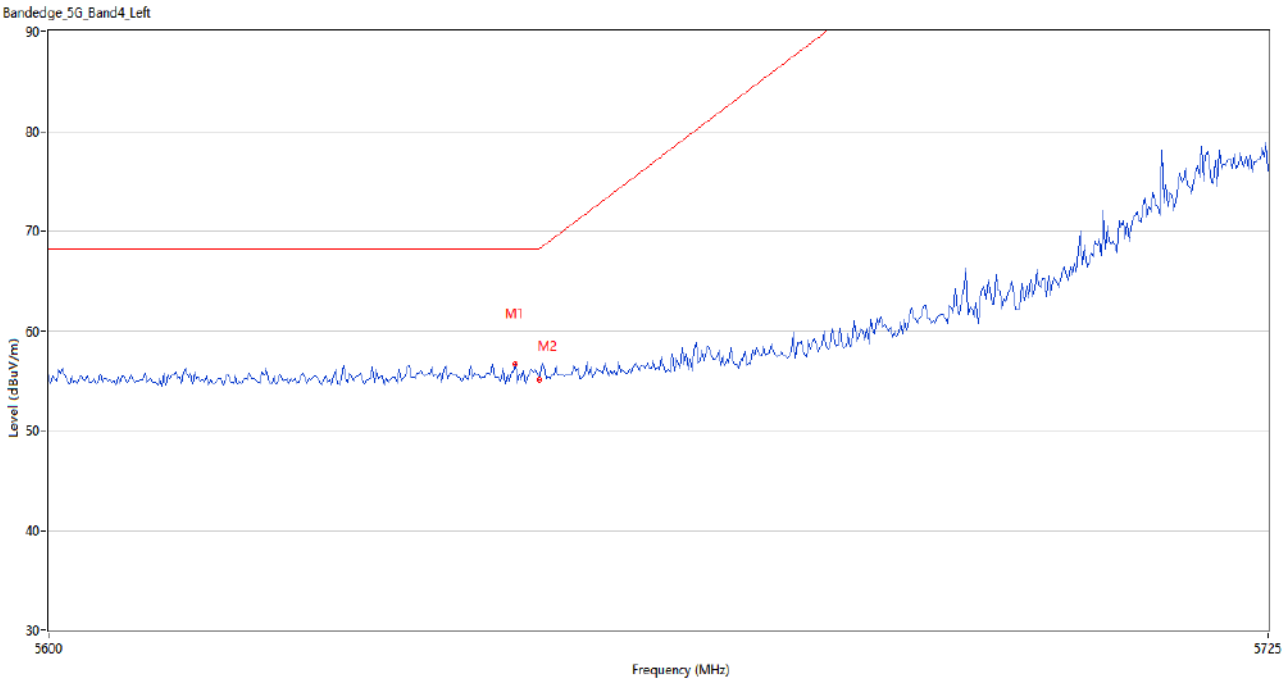
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5623.125	56.37	0.68	68.2	11.83	Peak	280.00	200	Horizontal	Pass
2	5650.000	55.30	0.79	68.2	12.90	Peak	243.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



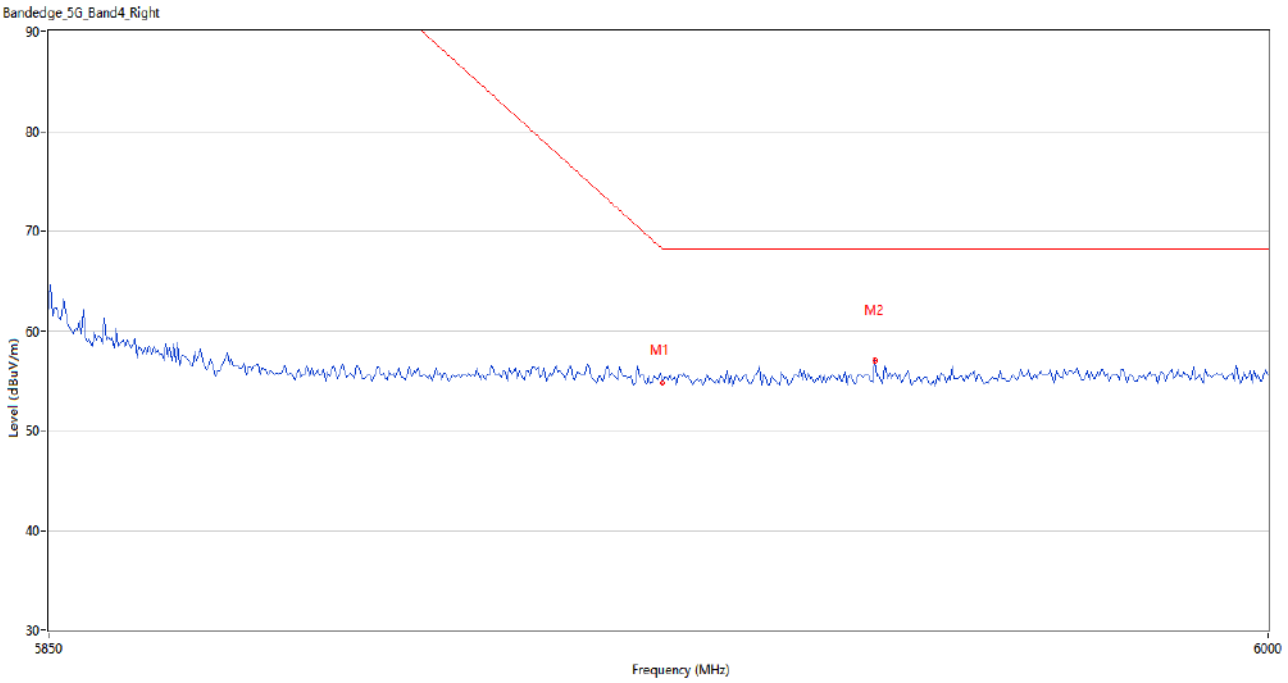
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.53	1.08	68.2	12.67	Peak	360.00	200	Horizontal	Pass
2	5993.000	57.10	0.94	68.2	11.10	Peak	321.00	100	Horizontal	Pass

U-NII-3 11ac40 Low Channel



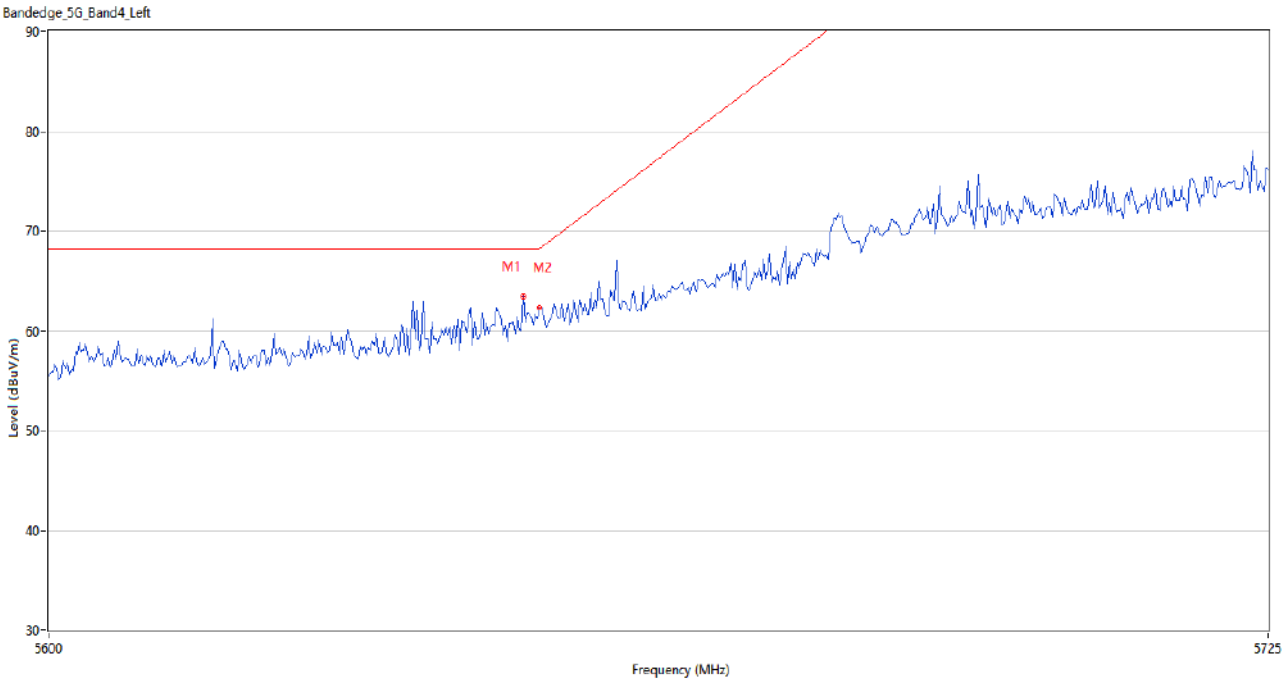
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.500	56.72	0.80	68.2	11.48	Peak	3.00	100	Horizontal	Pass
2	5650.000	55.05	0.79	68.2	13.15	Peak	240.00	100	Horizontal	Pass

U-NII-3 11ac40 High Channel



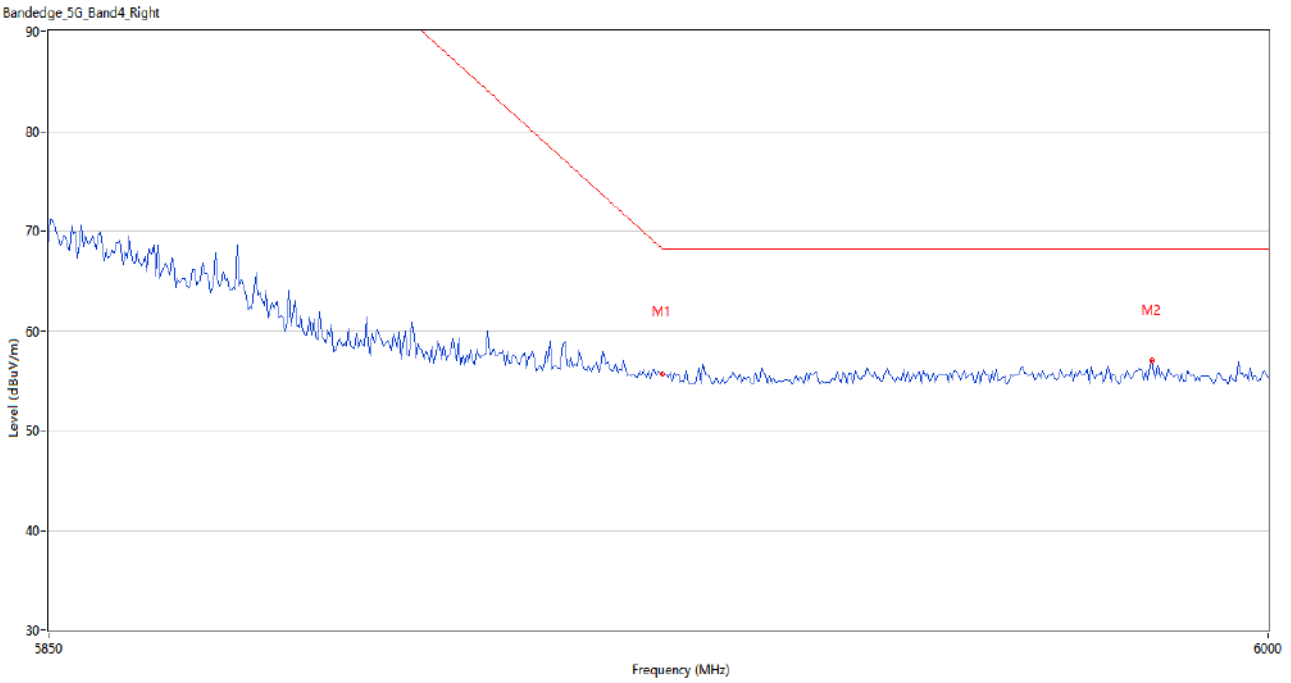
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	54.77	1.08	68.2	13.43	Peak	66.00	150	Horizontal	Pass
2	5951.250	57.04	1.02	68.2	11.16	Peak	119.00	200	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.333	63.45	0.76	68.2	4.75	Peak	253.00	200	Horizontal	Pass
2	5650.000	62.34	0.79	68.2	5.86	Peak	45.00	200	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.67	1.08	68.2	12.53	Peak	99.00	150	Horizontal	Pass
2	5985.500	57.05	0.90	68.2	11.15	Peak	39.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2391126-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2391126-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-S2391126-AI.PDF”.

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