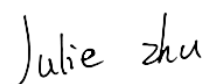


TEST REPORT

Applicant: Hunan Greatwall Computer System Co., Ltd
Address: Hunan GreatWall Industrial Park, Xiangyun Middle Road, Tianyuan District, Zhuzhou, Hunan Province, P.R. China
Equipment Type: Notebook
Model Name: W1741ALP-ER (refer to section 2.3)
Brand Name: Great wall
FCC ID: 2APUQ-W1741
Test Standard: 47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date: Apr. 30, 2024
Test Date: May 11, 2024 - May 20, 2024
Date of Issue: Jun. 05, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Julie Zhu**Checked by:** Ye Hongji**Approved by:** Liao Jianming
(Technical Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jun. 05, 2024</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Hunan Greatwall Computer System Co., Ltd
Address	Hunan GreatWall Industrial Park, Xiangyun Middle Road, Tianyuan District, Zhuzhou, Hunan Province, P.R. China

2.2 Manufacturer Information

Manufacturer	Hunan Greatwall Computer System Co., Ltd
Address	Hunan GreatWall Industrial Park, Xiangyun Middle Road, Tianyuan District, Zhuzhou, Hunan Province, P.R. China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Notebook
Model Name Under Test	W1741ALP-ER
Series Model Name	W1741ALP-ERA, W1741ALP-ERB, W1741ALP-ERC, W1741ALP-ERD, W1741ALP-ERE, W1741ALP-ERF, W1741ALP-ERG, W1741ALP-ERH, W1741ALP-ERI, W1741ALP-ERJ, W1741ALP-ERK, W1741ALP-ERL, GWN5L1746, GWN7L1749, RWN7L1747
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in shell color, CPU, Memory, SSD and model name (this information provided by the applicant).
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac U-NII-1/2A/2C/3
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz	
Product Type	☐ Mobile ☒ Portable ☐ Fix Location	
Modulation technology	OFDM	
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK	
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz	
Maximum Output Power	U-NII-1: 28.05 mW U-NII-2A: 28.05 mW U-NII-2C: 28.12 mW U-NII-3: 28.12 mW	
Antenna System (eg., MIMO, Smart Antenna)	N/A	
Categorization as Correlated or Completely Uncorrelated	N/A	
Antenna Type	SISO-Antenna 1	PIFA Antenna
	SISO-Antenna 2	
Antenna Gain	SISO-Antenna 1	U-NII-1: 5150 MHz to 5250 MHz: -0.27 dBi U-NII-2A: 5250 MHz to 5350 MHz: 0.20 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.61 dBi U-NII-3: 5725 MHz to 5850 MHz: 0.80 dBi
	SISO-Antenna 2	U-NII-1: 5150 MHz to 5250 MHz: -0.81 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.52 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.21 dBi U-NII-3: 5725 MHz to 5850 MHz: 0.84 dBi
About the Product	The equipment is Notebook, intended for used with information technology equipment.	

Mode	Antenna	
	SISO-Antenna 1	SISO-Antenna 2
802.11a	√	√
802.11n20	√	√
802.11n40	√	√
802.11ac20	√	√
802.11ac40	√	√
802.11ac80	√	√
Note: All the configurations were tested, but only the worst data was shown in this report.		

2.5 Channel List

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

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

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

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

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
100	Low	5500	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	50% to 64%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.6℃ to +25.1℃
	LT (Low Temperature)	0.0℃
	HT (High Temperature)	+40.0℃
Working Voltage of the EUT	NV (Normal Voltage)	11.40 V
	LV (Low Voltage)	9.00 V
	HV (High Voltage)	13.05 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY56060183	2023.09.05	2024.09.04
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2023.07.25	2024.07.24
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2023.09.05	2024.09.04
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2021.05.20	2024.05.19
				2024.05.17	2027.05.16
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2022.02.19	2024.08.15
Amplifier	COM-MV	LSCX_LNA1-12G-01	7210214	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2024.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2023.05.16	2024.05.15
				2024.05.08	2025.05.07
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2022.02.19	2025.02.18

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

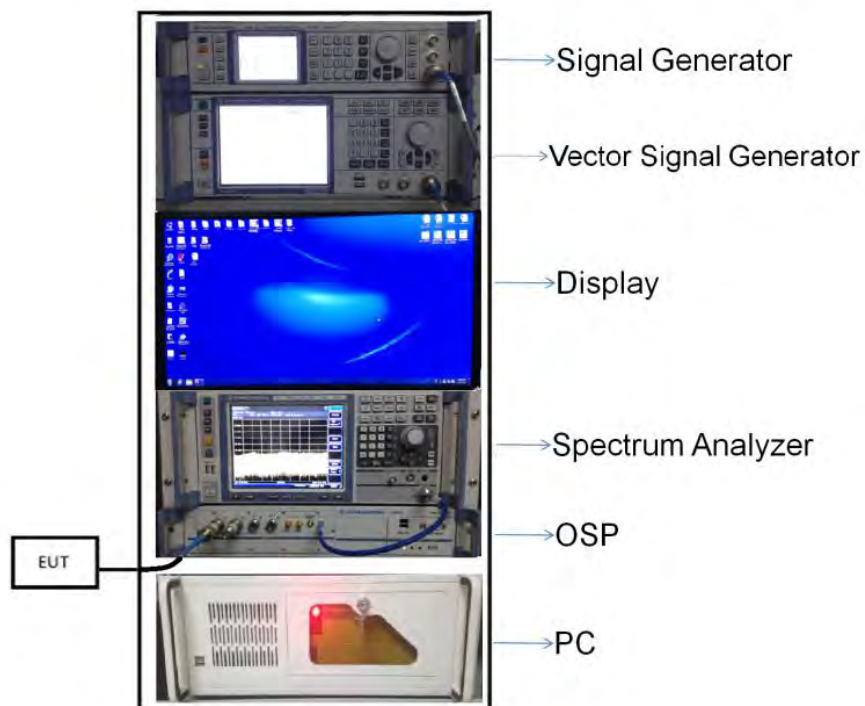
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

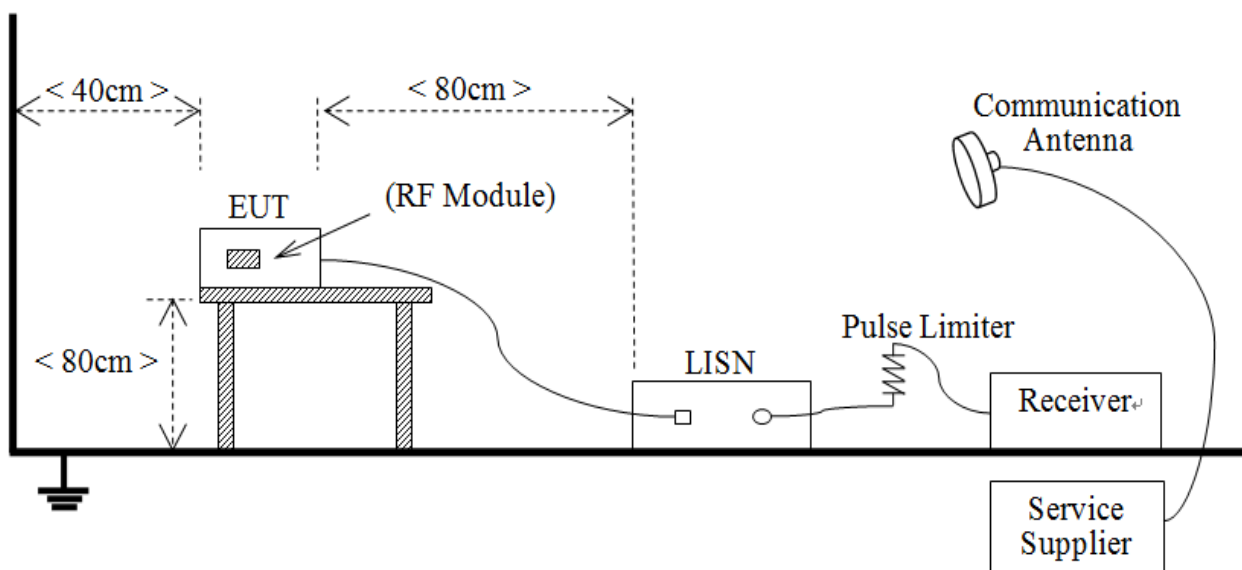
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



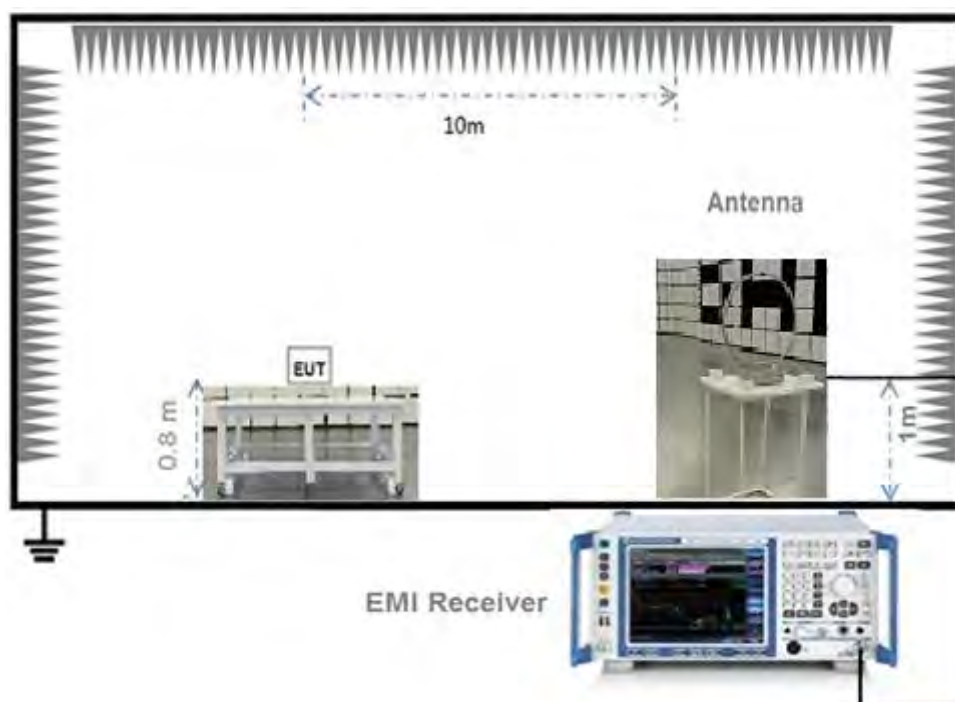
(Diagram 1)

4.5.2 For AC Power Supply Port Test



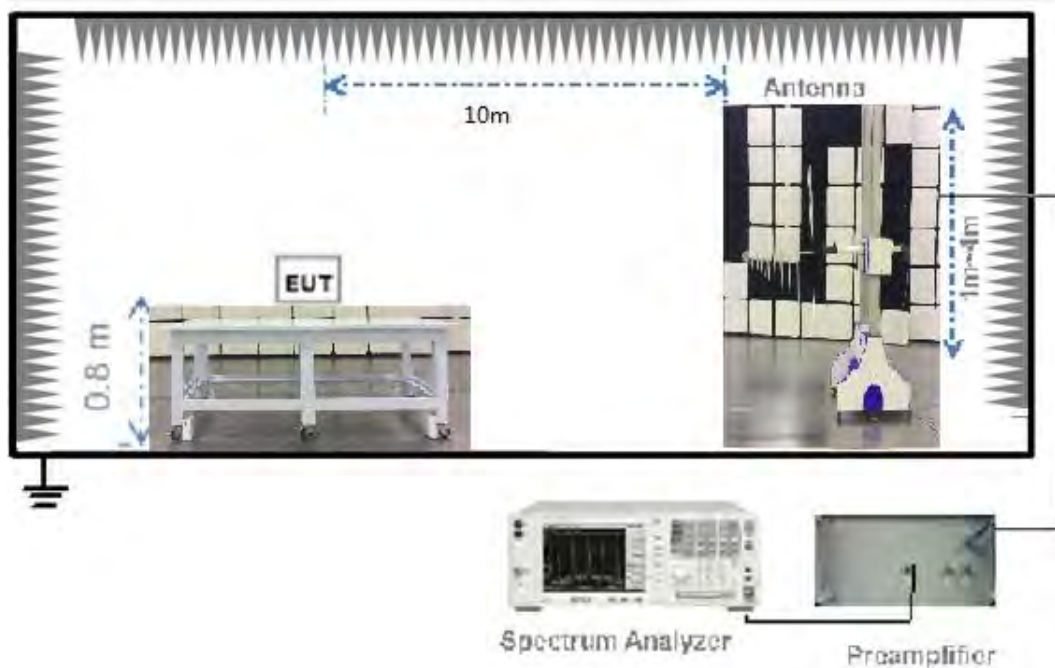
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



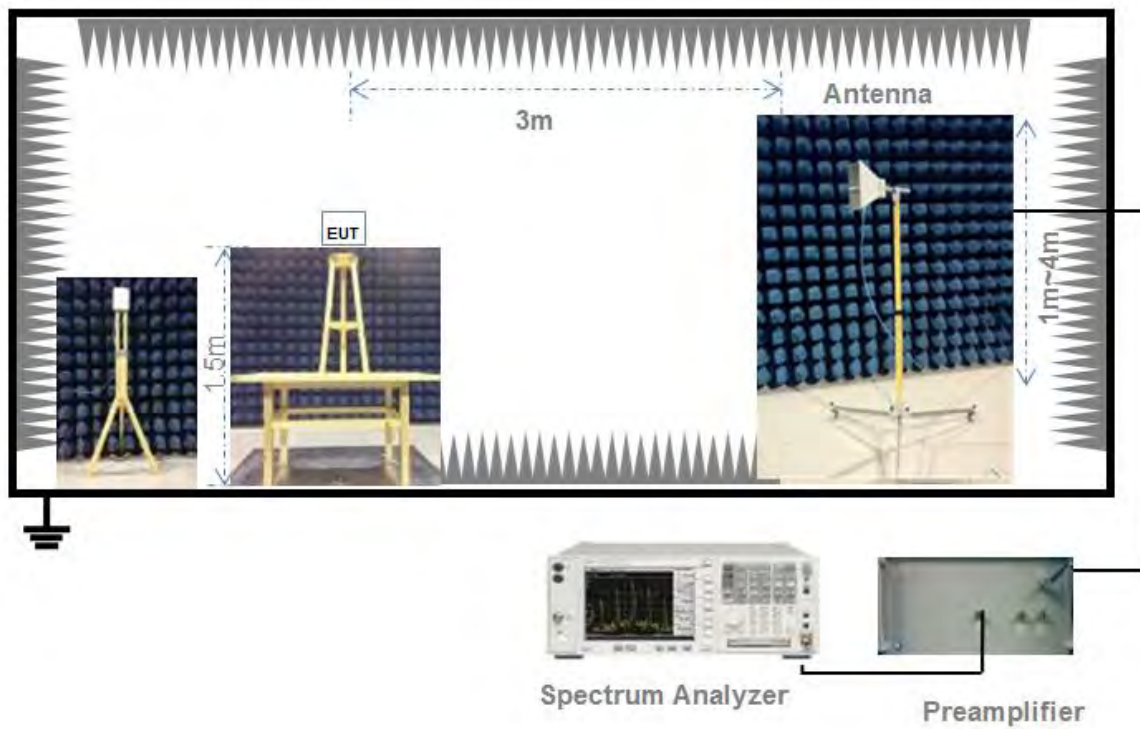
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

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

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

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

Measurements of duty cycle

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

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

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

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

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

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

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

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

e) Compare the resultant electric field strength level to the applicable limit.

f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable emission limits using a peak detector.

Peak power measurement procedure

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

a) RBW = as specified in Table 1.

b) VBW $\geq 3 \times$ RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

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

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

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

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

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle, x , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW $\geq 3 \times$ RBW.
- e) Detector = RMS, if $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.
- h) Perform a trace average of at least 100 traces.
- i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:
 - 1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is $10 \log(1/x)$, where x is the duty cycle.
 - 2) If linear voltage averaging mode was used in step f), then the applicable correction factor is $20 \log(1/x)$, where x is the duty cycle.
 - 3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

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

Determining the applicable transmit antenna gain

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

Since the out-of-band characteristics of the EUT transmit antenna will often be unknown, the use of a conservative antenna gain value is necessary. Thus, when determining the EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2 dBi, whichever is greater. However, for devices that operate in multiple frequency bands while using the same transmit antenna, the highest gain of the antenna within the operating band nearest in frequency to the restricted band emission being measured may be used in lieu of the overall highest gain when the emission is at a frequency that

is within 20 percent of the nearest band edge frequency, but in no case shall a value less than 2 dBi be used.

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note: 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	Duty Factor
11a	20.12	20.12	100.00%	0.00
11n (HT20)/11ac (VHT20)	20.12	20.12	100.00%	0.00
11n (HT40)/11ac (VHT40)	20.12	20.12	100.00%	0.00
11ac (VHT80)	20.12	20.12	100.00%	0.00

Test Data

Conducted Power

SISO-Antenna 1

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.37	27.35	250	Pass
11a	CH44	14.15	26.00	250	Pass
11a	CH48	14.31	26.98	250	Pass
11n (HT20)	CH36	12.89	19.45	250	Pass
11n (HT20)	CH44	13.44	22.08	250	Pass
11n (HT20)	CH48	12.93	19.63	250	Pass
11n (HT40)	CH38	13.12	20.51	250	Pass
11n (HT40)	CH46	12.82	19.14	250	Pass
11ac (VHT20)	CH36	12.32	17.06	250	Pass
11ac (VHT20)	CH44	12.17	16.48	250	Pass
11ac (VHT20)	CH48	12.43	17.50	250	Pass
11ac (VHT40)	CH38	12.29	16.94	250	Pass
11ac (VHT40)	CH46	12.14	16.37	250	Pass
11ac (VHT80)	CH42	12.31	17.02	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.35	27.23	250	Pass
11a	CH60	14.40	27.54	250	Pass
11a	CH64	14.35	27.23	250	Pass
11n (HT20)	CH52	13.49	22.34	250	Pass
11n (HT20)	CH60	13.43	22.03	250	Pass
11n (HT20)	CH64	13.43	22.03	250	Pass
11n (HT40)	CH54	13.09	20.37	250	Pass
11n (HT40)	CH62	13.29	21.33	250	Pass
11ac (VHT20)	CH52	12.41	17.42	250	Pass
11ac (VHT20)	CH60	12.37	17.26	250	Pass
11ac (VHT20)	CH64	12.22	16.67	250	Pass
11ac (VHT40)	CH54	12.22	16.67	250	Pass
11ac (VHT40)	CH62	12.42	17.46	250	Pass
11ac (VHT80)	CH58	12.16	16.44	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	14.09	25.64	250	Pass
11a	CH116	14.21	26.36	250	Pass
11a	CH140	14.33	27.10	250	Pass
11n (HT20)	CH100	13.01	20.00	250	Pass
11n (HT20)	CH116	13.08	20.32	250	Pass
11n (HT20)	CH140	13.14	20.61	250	Pass
11n (HT40)	CH102	13.42	21.98	250	Pass
11n (HT40)	CH118	13.39	21.83	250	Pass
11n (HT40)	CH134	13.45	22.13	250	Pass
11ac (VHT20)	CH100	12.12	16.29	250	Pass
11ac (VHT20)	CH116	12.36	17.22	250	Pass
11ac (VHT20)	CH140	12.37	17.26	250	Pass
11ac (VHT40)	CH102	12.48	17.70	250	Pass
11ac (VHT40)	CH118	12.46	17.62	250	Pass
11ac (VHT40)	CH134	12.37	17.26	250	Pass
11ac (VHT80)	CH106	12.43	17.50	250	Pass
11ac (VHT80)	CH122	12.44	17.54	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.39	27.48	1000	Pass
11a	CH157	14.45	27.86	1000	Pass
11a	CH165	14.49	28.12	1000	Pass
11n (HT20)	CH149	13.44	22.08	1000	Pass
11n (HT20)	CH157	13.38	21.78	1000	Pass
11n (HT20)	CH165	13.25	21.13	1000	Pass
11n (HT40)	CH151	13.31	21.43	1000	Pass
11n (HT40)	CH159	13.41	21.93	1000	Pass
11ac (VHT20)	CH149	12.32	17.06	1000	Pass
11ac (VHT20)	CH157	12.38	17.30	1000	Pass
11ac (VHT20)	CH165	12.37	17.26	1000	Pass
11ac (VHT40)	CH151	12.41	17.42	1000	Pass
11ac (VHT40)	CH159	12.47	17.66	1000	Pass
11ac (VHT80)	CH155	12.25	16.79	1000	Pass

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U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.35	27.23	250	Pass
11a	CH44	14.46	27.93	250	Pass
11a	CH48	14.48	28.05	250	Pass
11n (HT20)	CH36	13.45	22.13	250	Pass
11n (HT20)	CH44	13.33	21.53	250	Pass
11n (HT20)	CH48	13.49	22.34	250	Pass
11n (HT40)	CH38	13.30	21.38	250	Pass
11n (HT40)	CH46	13.36	21.68	250	Pass
11ac (VHT20)	CH36	12.46	17.62	250	Pass
11ac (VHT20)	CH44	12.43	17.50	250	Pass
11ac (VHT20)	CH48	12.02	15.92	250	Pass
11ac (VHT40)	CH38	12.03	15.96	250	Pass
11ac (VHT40)	CH46	12.44	17.54	250	Pass
11ac (VHT80)	CH42	12.48	17.70	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.48	28.05	250	Pass
11a	CH60	14.43	27.73	250	Pass
11a	CH64	14.47	27.99	250	Pass
11n (HT20)	CH52	12.87	19.36	250	Pass
11n (HT20)	CH60	13.47	22.23	250	Pass
11n (HT20)	CH64	13.35	21.63	250	Pass
11n (HT40)	CH54	12.98	19.86	250	Pass
11n (HT40)	CH62	13.49	22.34	250	Pass
11ac (VHT20)	CH52	12.41	17.42	250	Pass
11ac (VHT20)	CH60	12.44	17.54	250	Pass
11ac (VHT20)	CH64	12.37	17.26	250	Pass
11ac (VHT40)	CH54	12.42	17.46	250	Pass
11ac (VHT40)	CH62	12.47	17.66	250	Pass
11ac (VHT80)	CH58	11.94	15.63	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	14.36	27.29	250	Pass
11a	CH116	14.49	28.12	250	Pass
11a	CH140	14.25	26.61	250	Pass
11n (HT20)	CH100	12.65	18.41	250	Pass
11n (HT20)	CH116	12.98	19.86	250	Pass
11n (HT20)	CH140	12.82	19.14	250	Pass
11n (HT40)	CH102	13.47	22.23	250	Pass
11n (HT40)	CH118	13.32	21.48	250	Pass
11n (HT40)	CH134	13.02	20.04	250	Pass
11ac (VHT20)	CH100	12.48	17.70	250	Pass
11ac (VHT20)	CH116	12.01	15.89	250	Pass
11ac (VHT20)	CH140	12.05	16.03	250	Pass
11ac (VHT40)	CH102	12.45	17.58	250	Pass
11ac (VHT40)	CH118	12.01	15.89	250	Pass
11ac (VHT40)	CH134	12.18	16.52	250	Pass
11ac (VHT80)	CH106	12.47	17.66	250	Pass
11ac (VHT80)	CH122	12.08	16.14	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.38	27.42	1000	Pass
11a	CH157	14.45	27.86	1000	Pass
11a	CH165	14.45	27.86	1000	Pass
11n (HT20)	CH149	12.87	19.36	1000	Pass
11n (HT20)	CH157	13.45	22.13	1000	Pass
11n (HT20)	CH165	13.47	22.23	1000	Pass
11n (HT40)	CH151	13.46	22.18	1000	Pass
11n (HT40)	CH159	13.49	22.34	1000	Pass
11ac (VHT20)	CH149	11.97	15.74	1000	Pass
11ac (VHT20)	CH157	12.41	17.42	1000	Pass
11ac (VHT20)	CH165	12.36	17.22	1000	Pass
11ac (VHT40)	CH151	11.93	15.60	1000	Pass
11ac (VHT40)	CH159	12.45	17.58	1000	Pass
11ac (VHT80)	CH155	12.40	17.38	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2441452-604 Data Part 1.pdf".

Test Data

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U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.28	16.60
11a	CH44	20.28	16.60
11a	CH48	20.27	16.59
11n (HT20)	CH36	21.19	17.71
11n (HT20)	CH44	21.15	17.71
11n (HT20)	CH48	21.18	17.71
11n (HT40)	CH38	41.89	36.31
11n (HT40)	CH46	41.89	36.30
11ac (VHT20)	CH36	21.19	17.72
11ac (VHT20)	CH44	21.15	17.74
11ac (VHT20)	CH48	21.15	17.74
11ac (VHT40)	CH38	41.94	36.33
11ac (VHT40)	CH46	41.90	36.30
11ac (VHT80)	CH42	83.00	76.04

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.29	16.59
11a	CH60	20.31	16.59
11a	CH64	20.35	16.60
11n (HT20)	CH52	21.16	17.72
11n (HT20)	CH60	21.14	17.72
11n (HT20)	CH64	21.18	17.72
11n (HT40)	CH54	42.03	36.32
11n (HT40)	CH62	42.02	36.32
11ac (VHT20)	CH52	21.15	17.74
11ac (VHT20)	CH60	21.15	17.75
11ac (VHT20)	CH64	21.17	17.74
11ac (VHT40)	CH54	42.03	36.32
11ac (VHT40)	CH62	42.03	36.33
11ac (VHT80)	CH58	83.27	76.12

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.41	16.61
11a	CH116	20.33	16.61
11a	CH140	25.02	16.76
11n (HT20)	CH100	21.55	17.78
11n (HT20)	CH116	21.58	17.77
11n (HT20)	CH140	21.66	17.80
11n (HT40)	CH102	42.49	36.48
11n (HT40)	CH118	42.45	36.47
11n (HT40)	CH134	42.50	36.46
11ac (VHT20)	CH100	21.48	17.81
11ac (VHT20)	CH116	21.48	17.81
11ac (VHT20)	CH140	21.55	17.82
11ac (VHT40)	CH102	42.49	36.49
11ac (VHT40)	CH118	42.42	36.50
11ac (VHT40)	CH134	42.54	36.47
11ac (VHT80)	CH106	83.65	76.33
11ac (VHT80)	CH122	83.70	76.47

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	26.12	16.90
11a	CH157	28.45	16.93
11a	CH165	27.32	16.90
11n (HT20)	CH149	21.83	17.84
11n (HT20)	CH157	22.48	17.86
11n (HT20)	CH165	22.47	17.87
11n (HT40)	CH151	48.29	36.69
11n (HT40)	CH159	44.18	36.61
11ac (VHT20)	CH149	21.68	17.83
11ac (VHT20)	CH157	21.81	17.84
11ac (VHT20)	CH165	21.87	17.85
11ac (VHT40)	CH151	43.41	36.58
11ac (VHT40)	CH159	43.80	36.56
11ac (VHT80)	CH155	83.58	76.40

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U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.58	16.64
11a	CH44	20.60	16.64
11a	CH48	20.61	16.64
11n (HT20)	CH36	21.50	17.77
11n (HT20)	CH44	21.48	17.77
11n (HT20)	CH48	21.49	17.77
11n (HT40)	CH38	42.37	36.46
11n (HT40)	CH46	42.32	36.44
11ac (VHT20)	CH36	21.49	17.80
11ac (VHT20)	CH44	21.47	17.80
11ac (VHT20)	CH48	21.47	17.80
11ac (VHT40)	CH38	42.41	36.47
11ac (VHT40)	CH46	42.41	36.46
11ac (VHT80)	CH42	83.48	76.29

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.61	16.64
11a	CH60	20.61	16.64
11a	CH64	20.62	16.64
11n (HT20)	CH52	21.51	17.78
11n (HT20)	CH60	21.52	17.78
11n (HT20)	CH64	21.50	17.78
11n (HT40)	CH54	42.39	36.46
11n (HT40)	CH62	42.45	36.45
11ac (VHT20)	CH52	21.47	17.80
11ac (VHT20)	CH60	21.49	17.81
11ac (VHT20)	CH64	21.50	17.81
11ac (VHT40)	CH54	42.40	36.46
11ac (VHT40)	CH62	42.42	36.47
11ac (VHT80)	CH58	83.63	76.35

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.67	16.66
11a	CH116	20.97	16.68
11a	CH140	25.17	16.80
11n (HT20)	CH100	21.63	17.79
11n (HT20)	CH116	21.68	17.79
11n (HT20)	CH140	21.73	17.81
11n (HT40)	CH102	42.53	36.50
11n (HT40)	CH118	42.43	36.50
11n (HT40)	CH134	42.48	36.49
11ac (VHT20)	CH100	21.53	17.81
11ac (VHT20)	CH116	21.56	17.81
11ac (VHT20)	CH140	21.65	17.82
11ac (VHT40)	CH102	42.46	36.49
11ac (VHT40)	CH118	42.43	36.52
11ac (VHT40)	CH134	42.43	36.49
11ac (VHT80)	CH106	83.64	76.34
11ac (VHT80)	CH122	83.75	76.48

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	30.69	17.12
11a	CH157	30.70	17.06
11a	CH165	30.79	17.22
11n (HT20)	CH149	23.18	17.87
11n (HT20)	CH157	24.77	17.91
11n (HT20)	CH165	24.79	17.92
11n (HT40)	CH151	57.43	36.73
11n (HT40)	CH159	64.82	36.71
11ac (VHT20)	CH149	21.86	17.85
11ac (VHT20)	CH157	21.92	17.86
11ac (VHT20)	CH165	21.93	17.87
11ac (VHT40)	CH151	42.42	36.59
11ac (VHT40)	CH159	43.85	36.59
11ac (VHT80)	CH155	87.44	76.53

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2441452-604 Data Part 2.pdf".

Test Data

SISO-Antenna 1

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.70	500.00	Pass
11a	CH157	16.70	500.00	Pass
11a	CH165	16.70	500.00	Pass
11n (HT20)	CH149	17.90	500.00	Pass
11n (HT20)	CH157	17.90	500.00	Pass
11n (HT20)	CH165	17.90	500.00	Pass
11n (HT40)	CH151	36.70	500.00	Pass
11n (HT40)	CH159	36.70	500.00	Pass
11ac (VHT20)	CH149	17.90	500.00	Pass
11ac (VHT20)	CH157	17.90	500.00	Pass
11ac (VHT20)	CH165	17.90	500.00	Pass
11ac (VHT40)	CH151	36.70	500.00	Pass
11ac (VHT40)	CH159	36.70	500.00	Pass
11ac (VHT80)	CH155	76.60	500.00	Pass

SISO-Antenna 2

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.70	500.00	Pass
11a	CH157	16.70	500.00	Pass
11a	CH165	16.70	500.00	Pass
11n (HT20)	CH149	17.90	500.00	Pass
11n (HT20)	CH157	17.90	500.00	Pass
11n (HT20)	CH165	17.90	500.00	Pass
11n (HT40)	CH151	36.60	500.00	Pass
11n (HT40)	CH159	36.70	500.00	Pass
11ac (VHT20)	CH149	18.00	500.00	Pass
11ac (VHT20)	CH157	18.00	500.00	Pass
11ac (VHT20)	CH165	17.90	500.00	Pass
11ac (VHT40)	CH151	36.60	500.00	Pass
11ac (VHT40)	CH159	36.70	500.00	Pass
11ac (VHT80)	CH155	76.60	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ2441452-604 Data Part 3.pdf".

Test Data

SISO-Antenna 1

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.92	11.00	Pass
11a	CH44	2.43	11.00	Pass
11a	CH48	2.65	11.00	Pass
11n (HT20)	CH36	1.75	11.00	Pass
11n (HT20)	CH44	1.69	11.00	Pass
11n (HT20)	CH48	1.90	11.00	Pass
11n (HT40)	CH38	-1.76	11.00	Pass
11n (HT40)	CH46	-1.20	11.00	Pass
11ac (VHT20)	CH36	0.38	11.00	Pass
11ac (VHT20)	CH44	0.87	11.00	Pass
11ac (VHT20)	CH48	0.68	11.00	Pass
11ac (VHT40)	CH38	-2.69	11.00	Pass
11ac (VHT40)	CH46	-1.94	11.00	Pass
11ac (VHT80)	CH42	-4.21	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	3.11	11.00	Pass
11a	CH60	3.00	11.00	Pass
11a	CH64	2.92	11.00	Pass
11n (HT20)	CH52	1.79	11.00	Pass
11n (HT20)	CH60	1.77	11.00	Pass
11n (HT20)	CH64	1.75	11.00	Pass
11n (HT40)	CH54	-1.53	11.00	Pass
11n (HT40)	CH62	-1.42	11.00	Pass
11ac (VHT20)	CH52	1.05	11.00	Pass
11ac (VHT20)	CH60	1.04	11.00	Pass
11ac (VHT20)	CH64	1.08	11.00	Pass
11ac (VHT40)	CH54	-2.12	11.00	Pass
11ac (VHT40)	CH62	-2.20	11.00	Pass
11ac (VHT80)	CH58	-4.70	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.44	11.00	Pass
11a	CH116	2.12	11.00	Pass
11a	CH140	2.59	11.00	Pass
11n (HT20)	CH100	1.49	11.00	Pass
11n (HT20)	CH116	1.46	11.00	Pass
11n (HT20)	CH140	1.16	11.00	Pass
11n (HT40)	CH102	-1.40	11.00	Pass
11n (HT40)	CH118	-1.90	11.00	Pass
11n (HT40)	CH134	-1.96	11.00	Pass
11ac (VHT20)	CH100	0.55	11.00	Pass
11ac (VHT20)	CH116	0.17	11.00	Pass
11ac (VHT20)	CH140	-0.07	11.00	Pass
11ac (VHT40)	CH102	-2.39	11.00	Pass
11ac (VHT40)	CH118	-2.85	11.00	Pass
11ac (VHT40)	CH134	-2.96	11.00	Pass
11ac (VHT80)	CH106	-4.36	11.00	Pass
11ac (VHT80)	CH122	-5.06	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-0.55	30.00	Pass
11a	CH157	0.06	30.00	Pass
11a	CH165	-0.42	30.00	Pass
11n (HT20)	CH149	-1.59	30.00	Pass
11n (HT20)	CH157	-1.09	30.00	Pass
11n (HT20)	CH165	-1.17	30.00	Pass
11n (HT40)	CH151	-3.96	30.00	Pass
11n (HT40)	CH159	-4.04	30.00	Pass
11ac (VHT20)	CH149	-2.61	30.00	Pass
11ac (VHT20)	CH157	-2.00	30.00	Pass
11ac (VHT20)	CH165	-2.14	30.00	Pass
11ac (VHT40)	CH151	-4.81	30.00	Pass
11ac (VHT40)	CH159	-4.50	30.00	Pass
11ac (VHT80)	CH155	-7.32	30.00	Pass

SISO-Antenna 2

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.75	11.00	Pass
11a	CH44	2.93	11.00	Pass
11a	CH48	2.97	11.00	Pass
11n (HT20)	CH36	1.89	11.00	Pass
11n (HT20)	CH44	1.25	11.00	Pass
11n (HT20)	CH48	1.70	11.00	Pass
11n (HT40)	CH38	-1.67	11.00	Pass
11n (HT40)	CH46	-1.58	11.00	Pass
11ac (VHT20)	CH36	0.35	11.00	Pass
11ac (VHT20)	CH44	0.72	11.00	Pass
11ac (VHT20)	CH48	0.86	11.00	Pass
11ac (VHT40)	CH38	-2.51	11.00	Pass
11ac (VHT40)	CH46	-2.21	11.00	Pass
11ac (VHT80)	CH42	-4.14	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	3.19	11.00	Pass
11a	CH60	3.01	11.00	Pass
11a	CH64	2.90	11.00	Pass
11n (HT20)	CH52	1.84	11.00	Pass
11n (HT20)	CH60	1.68	11.00	Pass
11n (HT20)	CH64	1.59	11.00	Pass
11n (HT40)	CH54	-1.04	11.00	Pass
11n (HT40)	CH62	-1.24	11.00	Pass
11ac (VHT20)	CH52	1.28	11.00	Pass
11ac (VHT20)	CH60	1.14	11.00	Pass
11ac (VHT20)	CH64	1.10	11.00	Pass
11ac (VHT40)	CH54	-1.94	11.00	Pass
11ac (VHT40)	CH62	-1.99	11.00	Pass
11ac (VHT80)	CH58	-4.29	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.80	11.00	Pass
11a	CH116	2.37	11.00	Pass
11a	CH140	2.16	11.00	Pass
11n (HT20)	CH100	1.58	11.00	Pass
11n (HT20)	CH116	1.21	11.00	Pass
11n (HT20)	CH140	0.96	11.00	Pass
11n (HT40)	CH102	-1.19	11.00	Pass
11n (HT40)	CH118	-1.59	11.00	Pass
11n (HT40)	CH134	-2.09	11.00	Pass
11ac (VHT20)	CH100	0.72	11.00	Pass
11ac (VHT20)	CH116	0.31	11.00	Pass
11ac (VHT20)	CH140	0.02	11.00	Pass
11ac (VHT40)	CH102	-2.54	11.00	Pass
11ac (VHT40)	CH118	-2.97	11.00	Pass
11ac (VHT40)	CH134	-2.64	11.00	Pass
11ac (VHT80)	CH106	-4.73	11.00	Pass
11ac (VHT80)	CH122	-4.64	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-0.20	30.00	Pass
11a	CH157	-0.01	30.00	Pass
11a	CH165	0.41	30.00	Pass
11n (HT20)	CH149	-1.98	30.00	Pass
11n (HT20)	CH157	-1.28	30.00	Pass
11n (HT20)	CH165	-1.29	30.00	Pass
11n (HT40)	CH151	-4.41	30.00	Pass
11n (HT40)	CH159	-3.98	30.00	Pass
11ac (VHT20)	CH149	-2.67	30.00	Pass
11ac (VHT20)	CH157	-2.15	30.00	Pass
11ac (VHT20)	CH165	-2.04	30.00	Pass
11ac (VHT40)	CH151	-5.37	30.00	Pass
11ac (VHT40)	CH159	-4.96	30.00	Pass
11ac (VHT80)	CH155	-7.04	30.00	Pass

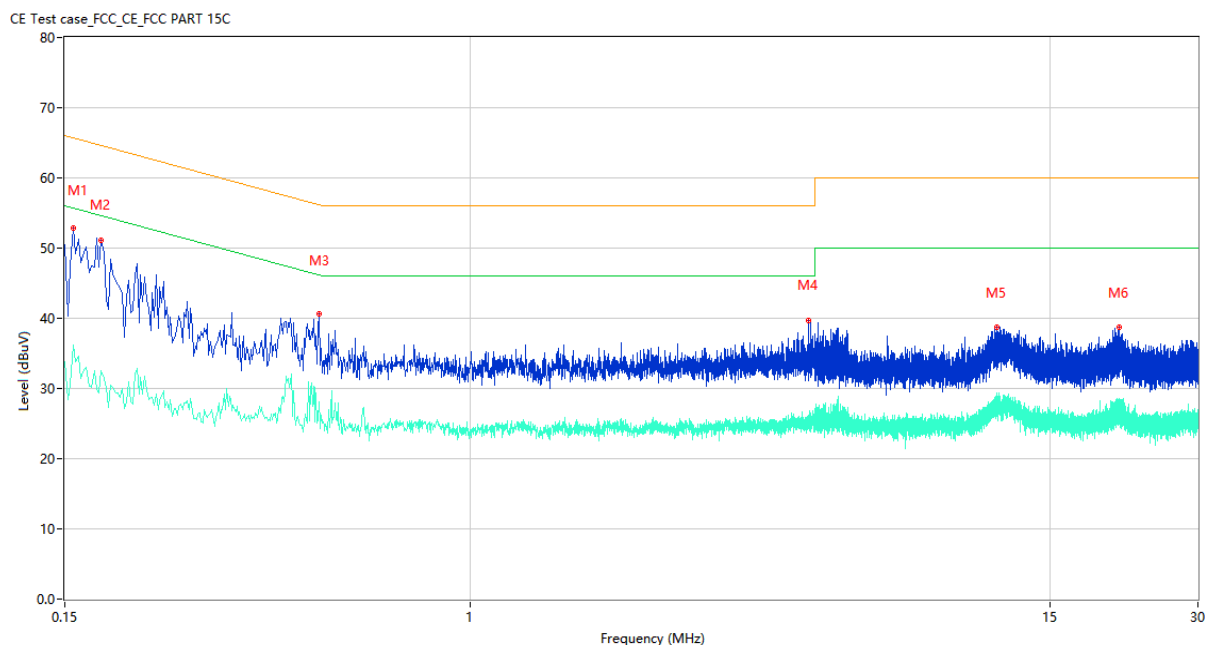
A.5 Conducted Emissions

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

Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Test Data and Plots

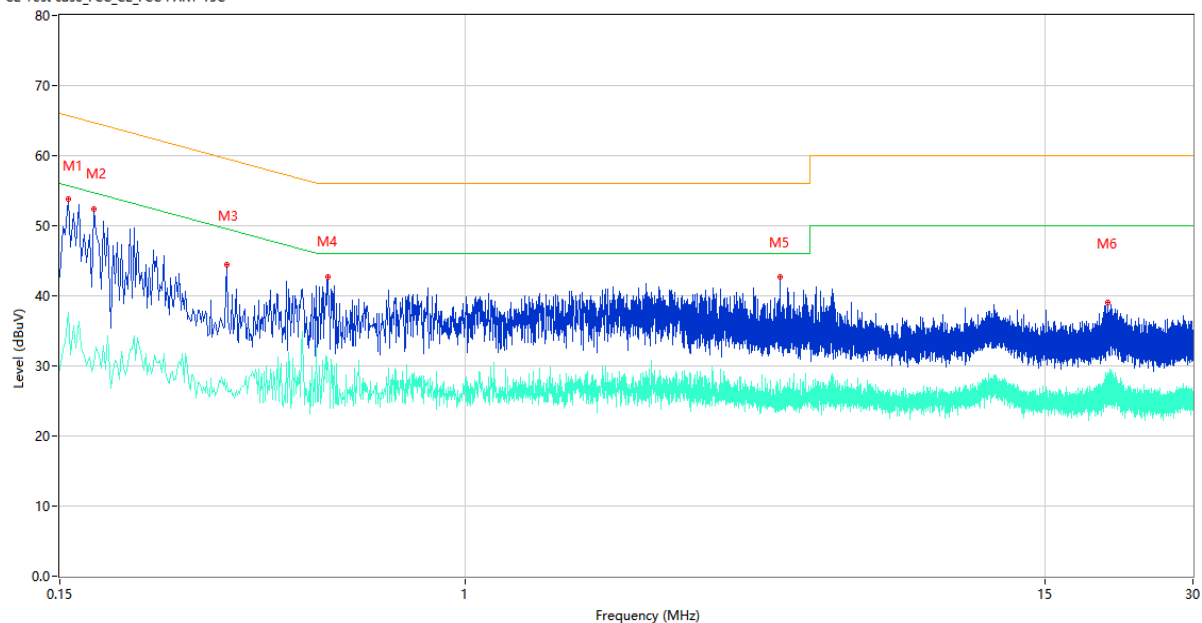
PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	52.91	9.78	65.67	12.76	Peak	L	Pass
1**	0.156	36.14	9.78	55.67	19.53	AV	L	Pass
2	0.178	51.18	9.78	64.58	13.40	Peak	L	Pass
2**	0.178	32.48	9.78	54.58	22.10	AV	L	Pass
3	0.492	40.64	9.99	56.13	15.49	Peak	L	Pass
3**	0.492	28.10	9.99	46.13	18.03	AV	L	Pass
4	4.846	39.69	10.26	56.00	16.31	Peak	L	Pass
4**	4.846	26.22	10.26	46.00	19.78	AV	L	Pass
5	11.714	38.68	10.29	60.00	21.32	Peak	L	Pass
5**	11.714	26.83	10.29	50.00	23.17	AV	L	Pass
6	20.754	38.72	10.92	60.00	21.28	Peak	L	Pass
6**	20.754	28.63	10.92	50.00	21.37	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	53.85	9.78	65.67	11.82	Peak	N	Pass
1**	0.156	37.62	9.78	55.67	18.05	AV	N	Pass
2	0.176	52.43	9.78	64.67	12.24	Peak	N	Pass
2**	0.176	30.31	9.78	54.67	24.36	AV	N	Pass
3	0.328	44.39	10.32	59.50	15.11	Peak	N	Pass
3**	0.328	27.54	10.32	49.50	21.96	AV	N	Pass
4	0.526	42.72	10.01	56.00	13.28	Peak	N	Pass
4**	0.526	29.80	10.01	46.00	16.20	AV	N	Pass
5	4.354	42.64	10.07	56.00	13.36	Peak	N	Pass
5**	4.354	28.17	10.07	46.00	17.83	AV	N	Pass
6	20.158	39.11	10.79	60.00	20.89	Peak	N	Pass
6**	20.158	29.11	10.79	50.00	20.89	AV	N	Pass

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

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

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

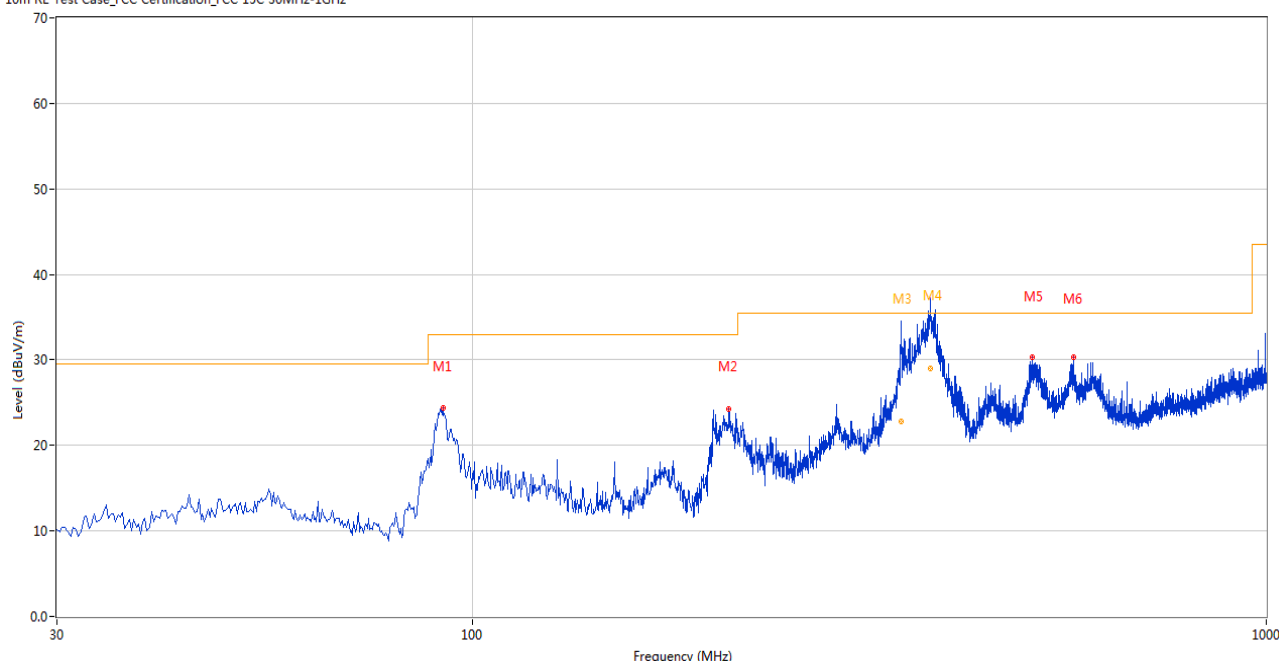
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

Test Data and Plots

30 MHz to 1 GHz, ANT H

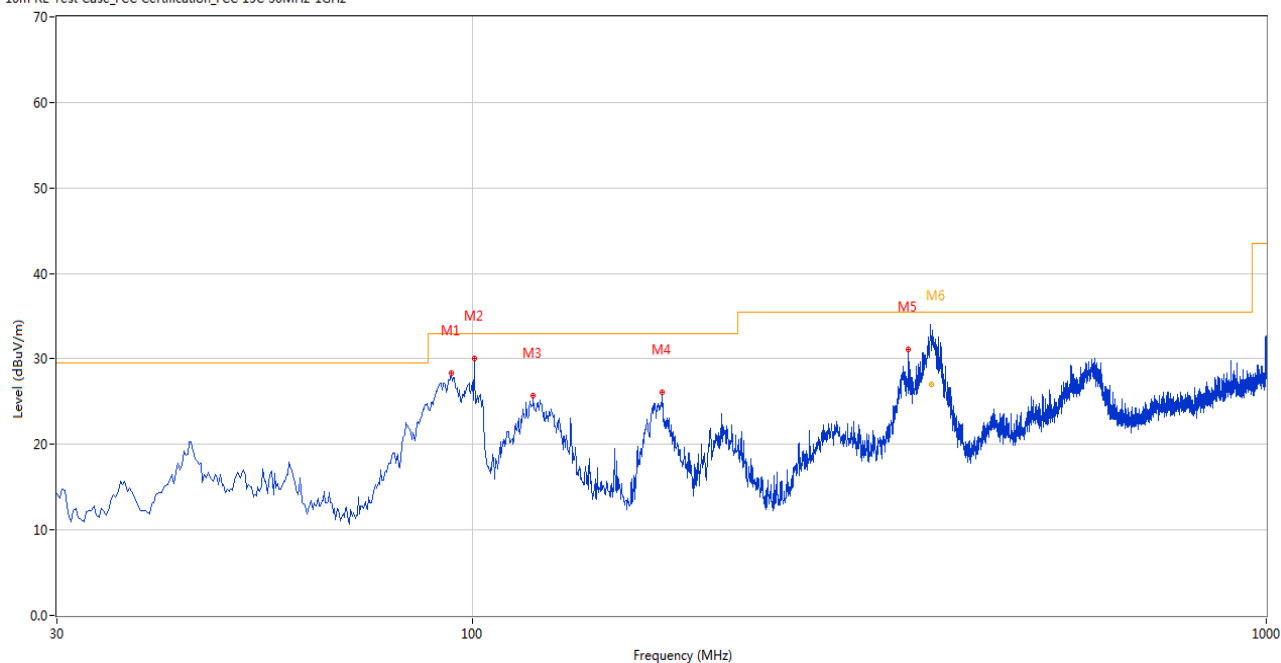
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	91.822	24.33	-31.52	33.0	8.67	Peak	167.00	200	Horizontal	Pass
2	210.617	24.29	-28.95	33.0	8.71	Peak	31.00	200	Horizontal	Pass
3	346.626	31.85	-23.86	35.5	3.65	Peak	123.00	140	Horizontal	N/A
3*	346.626	22.84	-23.86	35.5	12.66	QP	123.00	140	Horizontal	Pass
4	377.703	40.41	-22.89	35.5	-4.91	Peak	172.00	174	Horizontal	N/A
4*	377.703	29.00	-22.89	35.5	6.50	QP	172.00	174	Horizontal	Pass
5	506.878	30.35	-19.43	35.5	5.15	Peak	129.00	200	Horizontal	Pass
6	571.367	30.29	-17.82	35.5	5.21	Peak	264.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	94.004	28.32	-31.55	33.0	4.68	Peak	360.00	200	Vertical	Pass
2	100.550	30.00	-30.44	33.0	3.00	Peak	302.00	100	Vertical	Pass
3	119.460	25.68	-28.32	33.0	7.32	Peak	237.00	100	Vertical	Pass
4	173.524	26.16	-26.44	33.0	6.84	Peak	269.00	100	Vertical	Pass
5	354.384	31.17	-23.62	35.5	4.33	Peak	80.00	100	Vertical	Pass
6	378.281	34.34	-22.89	35.5	1.16	Peak	80.00	100	Vertical	N/A
6*	378.281	26.98	-22.89	35.5	8.52	QP	80.00	100	Vertical	Pass

Note 1: The spurious above 18G is noise only, do not show on the report.

Note 2: All antenna were tested, but only the worst case has been reported in this report.

SISO-Antenna 1

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	1200.000	41.52	-20.19	74.0	32.48	Peak	146.00	150	Horizontal	Pass
1**	1200.000	27.62	-20.19	54.0	26.38	AV	146.00	150	Horizontal	Pass
2	1595.000	40.59	-19.96	74.0	33.41	Peak	323.00	300	Horizontal	Pass
2**	1595.000	30.85	-19.96	54.0	23.15	AV	323.00	300	Horizontal	Pass
3	3998.250	47.98	-7.75	74.0	26.02	Peak	93.00	150	Horizontal	Pass
3**	3998.250	36.88	-7.75	54.0	17.12	AV	93.00	150	Horizontal	Pass
4	5174.500	99.78	-4.94	--	--	Peak	44.00	400	Horizontal	N/A
4**	5174.500	92.36	-4.94	--	--	AV	44.00	400	Horizontal	N/A
5	7511.000	54.12	-1.31	74.0	19.88	Peak	328.00	200	Horizontal	Pass
5**	7511.000	45.17	-1.31	54.0	8.83	AV	328.00	200	Horizontal	Pass
6	12659.750	52.63	0.68	74.0	21.37	Peak	57.00	200	Horizontal	Pass
6**	12659.750	43.27	0.68	54.0	10.73	AV	57.00	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	1595.200	41.18	-19.95	74.0	32.82	Peak	89.00	100	Vertical	Pass
1**	1595.200	33.22	-19.95	54.0	20.78	AV	89.00	100	Vertical	Pass
2	2793.900	46.91	-12.54	74.0	27.09	Peak	145.00	200	Vertical	Pass
2**	2793.900	35.75	-12.54	54.0	18.25	AV	145.00	200	Vertical	Pass
3	4333.500	47.31	-6.11	74.0	26.69	Peak	67.00	150	Vertical	Pass
3**	4333.500	37.74	-6.11	54.0	16.26	AV	67.00	150	Vertical	Pass
4	5173.500	102.65	-4.94	--	--	Peak	115.00	100	Vertical	N/A
4**	5173.500	95.66	-4.94	--	--	AV	115.00	100	Vertical	N/A
5	7500.750	54.26	-0.78	74.0	19.74	Peak	308.00	200	Vertical	Pass
5**	7500.750	45.32	-0.78	54.0	8.68	AV	308.00	200	Vertical	Pass
6	12329.625	52.62	0.70	74.0	21.38	Peak	220.00	100	Vertical	Pass
6**	12329.625	43.59	0.70	54.0	10.41	AV	220.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.600	42.69	-19.53	74.0	31.31	Peak	139.00	300	Horizontal	Pass
1**	1497.600	28.65	-19.53	54.0	25.35	AV	139.00	300	Horizontal	Pass
2	2794.200	45.53	-12.53	74.0	28.47	Peak	322.00	100	Horizontal	Pass
2**	2794.200	34.34	-12.53	54.0	19.66	AV	322.00	100	Horizontal	Pass
3	4337.250	47.50	-6.09	74.0	26.50	Peak	144.00	150	Horizontal	Pass
3**	4337.250	39.32	-6.09	54.0	14.68	AV	144.00	150	Horizontal	Pass
4	5214.250	99.77	-4.70	--	--	Peak	40.00	100	Horizontal	N/A
4**	5214.250	92.04	-4.70	--	--	AV	40.00	100	Horizontal	N/A
5	7484.250	54.51	-0.51	74.0	19.49	Peak	162.00	200	Horizontal	Pass
5**	7484.250	45.08	-0.51	54.0	8.92	AV	162.00	200	Horizontal	Pass
6	12541.000	52.82	1.41	74.0	21.18	Peak	360.00	100	Horizontal	Pass
6**	12541.000	43.22	1.41	54.0	10.78	AV	360.00	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	1594.500	42.67	-19.98	74.0	31.33	Peak	95.00	400	Vertical	Pass
1**	1594.500	33.52	-19.98	54.0	20.48	AV	95.00	400	Vertical	Pass
2	2791.300	46.80	-12.58	74.0	27.20	Peak	237.00	300	Vertical	Pass
2**	2791.300	38.46	-12.58	54.0	15.54	AV	237.00	300	Vertical	Pass
3	3994.500	48.23	-7.69	74.0	25.77	Peak	53.00	150	Vertical	Pass
3**	3994.500	38.21	-7.69	54.0	15.79	AV	53.00	150	Vertical	Pass
4	5213.500	103.15	-4.70	--	--	Peak	115.00	300	Vertical	N/A
4**	5213.500	95.94	-4.70	--	--	AV	115.00	300	Vertical	N/A
5	7595.000	54.18	-0.48	74.0	19.82	Peak	269.00	200	Vertical	Pass
5**	7595.000	45.42	-0.48	54.0	8.58	AV	269.00	200	Vertical	Pass
6	12366.200	52.40	0.60	74.0	21.60	Peak	122.00	200	Vertical	Pass
6**	12366.200	43.24	0.60	54.0	10.76	AV	122.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.400	41.31	-19.95	74.0	32.69	Peak	281.00	400	Horizontal	Pass
1**	1596.400	31.07	-19.95	54.0	22.93	AV	281.00	400	Horizontal	Pass
2	2798.800	44.00	-12.74	74.0	30.00	Peak	157.00	300	Horizontal	Pass
2**	2798.800	34.74	-12.74	54.0	19.26	AV	157.00	300	Horizontal	Pass
3	4318.250	47.10	-5.95	74.0	26.90	Peak	295.00	100	Horizontal	Pass
3**	4318.250	38.59	-5.95	54.0	15.41	AV	295.00	100	Horizontal	Pass
4	5236.750	99.98	-5.13	--	--	Peak	97.00	300	Horizontal	N/A
4**	5236.750	91.87	-5.13	--	--	AV	97.00	300	Horizontal	N/A
5	7591.750	54.37	-0.68	74.0	19.63	Peak	37.00	150	Horizontal	Pass
5**	7591.750	45.17	-0.68	54.0	8.83	AV	37.00	150	Horizontal	Pass
6	12542.662	52.84	1.45	74.0	21.16	Peak	179.00	150	Horizontal	Pass
6**	12542.662	44.45	1.45	54.0	9.55	AV	179.00	150	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	1598.400	42.98	-20.04	74.0	31.02	Peak	88.00	400	Vertical	Pass
1**	1598.400	35.45	-20.04	54.0	18.55	AV	88.00	400	Vertical	Pass
2	2790.100	46.77	-12.60	74.0	27.23	Peak	260.00	100	Vertical	Pass
2**	2790.100	37.09	-12.60	54.0	16.91	AV	260.00	100	Vertical	Pass
3	4323.500	47.37	-5.92	74.0	26.63	Peak	142.00	200	Vertical	Pass
3**	4323.500	38.71	-5.92	54.0	15.29	AV	142.00	200	Vertical	Pass
4	5235.250	102.76	-5.10	--	--	Peak	106.00	300	Vertical	N/A
4**	5235.250	95.53	-5.10	--	--	AV	106.00	300	Vertical	N/A
5	7493.000	53.99	-0.42	74.0	20.01	Peak	78.00	150	Vertical	Pass
5**	7493.000	45.69	-0.42	54.0	8.31	AV	78.00	150	Vertical	Pass
6	12355.037	52.30	0.69	74.0	21.70	Peak	327.00	200	Vertical	Pass
6**	12355.037	44.05	0.69	54.0	9.95	AV	327.00	200	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	1599.000	41.09	-20.05	74.0	32.91	Peak	115.00	300	Horizontal	Pass
1**	1599.000	36.25	-20.05	54.0	17.75	AV	115.00	300	Horizontal	Pass
2	2792.900	44.42	-12.55	74.0	29.58	Peak	318.00	200	Horizontal	Pass
2**	2792.900	35.00	-12.55	54.0	19.00	AV	318.00	200	Horizontal	Pass
3	4289.250	48.20	-6.73	74.0	25.80	Peak	338.00	200	Horizontal	Pass
3**	4289.250	37.69	-6.73	54.0	16.31	AV	338.00	200	Horizontal	Pass
4	5187.000	98.60	-4.43	--	--	Peak	47.00	300	Horizontal	N/A
4**	5187.000	91.58	-4.43	--	--	AV	47.00	300	Horizontal	N/A
5	7535.000	55.28	-0.44	74.0	18.72	Peak	261.00	200	Horizontal	Pass
5**	7535.000	44.93	-0.44	54.0	9.07	AV	261.00	200	Horizontal	Pass
6	12338.650	52.25	0.72	74.0	21.75	Peak	29.00	300	Horizontal	Pass
6**	12338.650	43.06	0.72	54.0	10.94	AV	29.00	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	1599.900	43.34	-20.07	74.0	30.66	Peak	86.00	100	Vertical	Pass
1**	1599.900	37.17	-20.07	54.0	16.83	AV	86.00	100	Vertical	Pass
2	2790.700	47.37	-12.59	74.0	26.63	Peak	140.00	300	Vertical	Pass
2**	2790.700	35.65	-12.59	54.0	18.35	AV	140.00	300	Vertical	Pass
3	4329.750	47.68	-5.96	74.0	26.32	Peak	171.00	100	Vertical	Pass
3**	4329.750	38.04	-5.96	54.0	15.96	AV	171.00	100	Vertical	Pass
4	5175.500	102.01	-4.92	--	--	Peak	114.00	400	Vertical	N/A
4**	5175.500	95.25	-4.92	--	--	AV	114.00	400	Vertical	N/A
5	7497.000	54.41	-0.57	74.0	19.59	Peak	181.00	100	Vertical	Pass
5**	7497.000	45.31	-0.57	54.0	8.69	AV	181.00	100	Vertical	Pass
6	12352.187	52.38	0.72	74.0	21.62	Peak	146.00	100	Vertical	Pass
6**	12352.187	43.77	0.72	54.0	10.23	AV	146.00	100	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	1596.700	40.65	-19.96	74.0	33.35	Peak	318.00	200	Horizontal	Pass
1**	1596.700	32.03	-19.96	54.0	21.97	AV	318.00	200	Horizontal	Pass
2	2874.100	44.50	-12.39	74.0	29.50	Peak	153.00	200	Horizontal	Pass
2**	2874.100	34.50	-12.39	54.0	19.50	AV	153.00	200	Horizontal	Pass
3	4328.750	47.46	-5.94	74.0	26.54	Peak	208.00	200	Horizontal	Pass
3**	4328.750	38.45	-5.94	54.0	15.55	AV	208.00	200	Horizontal	Pass
4	5212.750	98.79	-4.71	--	--	Peak	42.00	300	Horizontal	N/A
4**	5212.750	90.91	-4.71	--	--	AV	42.00	300	Horizontal	N/A
5	8188.575	51.37	-2.61	74.0	22.63	Peak	285.00	150	Horizontal	Pass
5**	8188.575	45.98	-2.61	54.0	8.02	AV	285.00	150	Horizontal	Pass
6	12667.350	52.65	0.65	74.0	21.35	Peak	323.00	400	Horizontal	Pass
6**	12667.350	44.79	0.65	54.0	9.21	AV	323.00	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	1496.500	42.04	-19.51	74.0	31.96	Peak	155.00	300	Vertical	Pass
1**	1496.500	31.67	-19.51	54.0	22.33	AV	155.00	300	Vertical	Pass
2	2798.200	45.95	-12.73	74.0	28.05	Peak	155.00	200	Vertical	Pass
2**	2798.200	34.64	-12.73	54.0	19.36	AV	155.00	200	Vertical	Pass
3	4323.500	47.62	-5.92	74.0	26.38	Peak	209.00	200	Vertical	Pass
3**	4323.500	38.50	-5.92	54.0	15.50	AV	209.00	200	Vertical	Pass
4	5213.500	102.04	-4.70	--	--	Peak	107.00	400	Vertical	N/A
4**	5213.500	94.62	-4.70	--	--	AV	107.00	400	Vertical	N/A
5	8188.812	51.45	-2.60	74.0	22.55	Peak	110.00	150	Vertical	Pass
5**	8188.812	45.37	-2.60	54.0	8.63	AV	110.00	150	Vertical	Pass
6	12352.663	52.39	0.71	74.0	21.61	Peak	94.00	100	Vertical	Pass
6**	12352.663	43.42	0.71	54.0	10.58	AV	94.00	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	1595.400	40.29	-19.94	74.0	33.71	Peak	322.00	200	Horizontal	Pass
1**	1595.400	30.39	-19.94	54.0	23.61	AV	322.00	200	Horizontal	Pass
2	2795.400	44.05	-12.62	74.0	29.95	Peak	322.00	300	Horizontal	Pass
2**	2795.400	34.66	-12.62	54.0	19.34	AV	322.00	300	Horizontal	Pass
3	4319.000	47.55	-5.96	74.0	26.45	Peak	344.00	150	Horizontal	Pass
3**	4319.000	38.35	-5.96	54.0	15.65	AV	344.00	150	Horizontal	Pass
4	5233.250	98.48	-5.13	--	--	Peak	98.00	400	Horizontal	N/A
4**	5233.250	91.35	-5.13	--	--	AV	98.00	400	Horizontal	N/A
5	8188.812	51.21	-2.60	74.0	22.79	Peak	324.00	150	Horizontal	Pass
5**	8188.812	46.02	-2.60	54.0	7.98	AV	324.00	150	Horizontal	Pass
6	12314.662	52.46	0.68	74.0	21.54	Peak	0.00	200	Horizontal	Pass
6**	12314.662	42.64	0.68	54.0	11.36	AV	0.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.900	42.74	-19.96	74.0	31.26	Peak	90.00	400	Vertical	Pass
1**	1594.900	30.17	-19.96	54.0	23.83	AV	90.00	400	Vertical	Pass
2	2795.600	48.01	-12.63	74.0	25.99	Peak	238.00	300	Vertical	Pass
2**	2795.600	38.09	-12.63	54.0	15.91	AV	238.00	300	Vertical	Pass
3	3788.750	47.94	-8.06	74.0	26.06	Peak	80.00	150	Vertical	Pass
3**	3788.750	36.31	-8.06	54.0	17.69	AV	80.00	150	Vertical	Pass
4	5234.500	101.81	-5.11	--	--	Peak	109.00	400	Vertical	N/A
4**	5234.500	94.11	-5.11	--	--	AV	109.00	400	Vertical	N/A
5	8188.812	50.62	-2.60	74.0	23.38	Peak	95.00	150	Vertical	Pass
5**	8188.812	46.47	-2.60	54.0	7.53	AV	95.00	150	Vertical	Pass
6	12356.938	52.65	0.68	74.0	21.35	Peak	201.00	200	Vertical	Pass
6**	12356.938	43.99	0.68	54.0	10.01	AV	201.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.100	40.84	-20.06	74.0	33.16	Peak	310.00	300	Horizontal	Pass
1**	1599.100	30.42	-20.06	54.0	23.58	AV	310.00	300	Horizontal	Pass
2	2851.600	43.68	-12.14	74.0	30.32	Peak	53.00	400	Horizontal	Pass
2**	2851.600	33.96	-12.14	54.0	20.04	AV	53.00	400	Horizontal	Pass
3	4354.250	47.24	-6.60	74.0	26.76	Peak	26.00	200	Horizontal	Pass
3**	4354.250	39.05	-6.60	54.0	14.95	AV	26.00	200	Horizontal	Pass
4	5187.000	95.47	-4.43	--	--	Peak	36.00	100	Horizontal	N/A
4**	5187.000	87.31	-4.43	--	--	AV	36.00	100	Horizontal	N/A
5	8188.812	49.83	-2.60	74.0	24.17	Peak	360.00	150	Horizontal	Pass
5**	8188.812	46.36	-2.60	54.0	7.64	AV	360.00	150	Horizontal	Pass
6	12670.200	52.43	0.64	74.0	21.57	Peak	18.00	200	Horizontal	Pass
6**	12670.200	42.84	0.64	54.0	11.16	AV	18.00	200	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	1595.500	42.59	-19.94	74.0	31.41	Peak	82.00	100	Vertical	Pass
1**	1595.500	32.51	-19.94	54.0	21.49	AV	82.00	100	Vertical	Pass
2	2799.200	46.03	-12.77	74.0	27.97	Peak	126.00	200	Vertical	Pass
2**	2799.200	36.60	-12.77	54.0	17.40	AV	126.00	200	Vertical	Pass
3	4348.750	47.84	-6.55	74.0	26.16	Peak	266.00	150	Vertical	Pass
3**	4348.750	38.49	-6.55	54.0	15.51	AV	266.00	150	Vertical	Pass
4	5205.250	98.67	-4.63	--	--	Peak	105.00	300	Vertical	N/A
4**	5205.250	91.64	-4.63	--	--	AV	105.00	300	Vertical	N/A
5	8188.812	50.77	-2.60	74.0	23.23	Peak	239.00	150	Vertical	Pass
5**	8188.812	46.32	-2.60	54.0	7.68	AV	239.00	150	Vertical	Pass
6	12177.388	52.21	-0.60	74.0	21.79	Peak	351.00	200	Vertical	Pass
6**	12177.388	42.16	-0.60	54.0	11.84	AV	351.00	200	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	1495.100	41.68	-19.46	74.0	32.32	Peak	277.00	300	Horizontal	Pass
1**	1495.100	28.16	-19.46	54.0	25.84	AV	277.00	300	Horizontal	Pass
2	2791.300	44.31	-12.58	74.0	29.69	Peak	30.00	300	Horizontal	Pass
2**	2791.300	33.96	-12.58	54.0	20.04	AV	30.00	300	Horizontal	Pass
3	4321.000	47.24	-5.96	74.0	26.76	Peak	354.00	200	Horizontal	Pass
3**	4321.000	39.19	-5.96	54.0	14.81	AV	354.00	200	Horizontal	Pass
4	5214.250	95.22	-4.70	--	--	Peak	310.00	100	Horizontal	N/A
4**	5214.250	87.75	-4.70	--	--	AV	310.00	100	Horizontal	N/A
5	8188.812	50.23	-2.60	74.0	23.77	Peak	360.00	150	Horizontal	Pass
5**	8188.812	45.58	-2.60	54.0	8.42	AV	360.00	150	Horizontal	Pass
6	12323.213	52.49	0.69	74.0	21.51	Peak	360.00	100	Horizontal	Pass
6**	12323.213	43.20	0.69	54.0	10.80	AV	360.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.300	42.62	-19.94	74.0	31.38	Peak	89.00	400	Vertical	Pass
1**	1596.300	32.19	-19.94	54.0	21.81	AV	89.00	400	Vertical	Pass
2	2792.300	48.16	-12.56	74.0	25.84	Peak	147.00	400	Vertical	Pass
2**	2792.300	36.54	-12.56	54.0	17.46	AV	147.00	400	Vertical	Pass
3	3994.750	47.84	-7.69	74.0	26.16	Peak	52.00	150	Vertical	Pass
3**	3994.750	37.86	-7.69	54.0	16.14	AV	52.00	150	Vertical	Pass
4	5215.000	98.66	-4.69	--	--	Peak	117.00	300	Vertical	N/A
4**	5215.000	90.59	-4.69	--	--	AV	117.00	300	Vertical	N/A
5	8188.575	50.50	-2.61	74.0	23.50	Peak	360.00	150	Vertical	Pass
5**	8188.575	45.75	-2.61	54.0	8.25	AV	360.00	150	Vertical	Pass
6	12327.963	52.38	0.70	74.0	21.62	Peak	0.00	100	Vertical	Pass
6**	12327.963	43.11	0.70	54.0	10.89	AV	0.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.500	40.88	-20.04	74.0	33.12	Peak	283.00	100	Horizontal	Pass
1**	1598.500	33.03	-20.04	54.0	20.97	AV	283.00	100	Horizontal	Pass
2	2793.500	44.25	-12.54	74.0	29.75	Peak	159.00	400	Horizontal	Pass
2**	2793.500	35.47	-12.54	54.0	18.53	AV	159.00	400	Horizontal	Pass
3	4312.250	47.31	-6.10	74.0	26.69	Peak	60.00	200	Horizontal	Pass
3**	4312.250	37.88	-6.10	54.0	16.12	AV	60.00	200	Horizontal	Pass
4	5187.250	97.48	-4.42	--	--	Peak	42.00	300	Horizontal	N/A
4**	5187.250	89.71	-4.42	--	--	AV	42.00	300	Horizontal	N/A
5	7501.000	54.40	-0.79	74.0	19.60	Peak	327.00	150	Horizontal	Pass
5**	7501.000	45.43	-0.79	54.0	8.57	AV	327.00	150	Horizontal	Pass
6	12367.625	52.92	0.58	74.0	21.08	Peak	302.00	200	Horizontal	Pass
6**	12367.625	43.01	0.58	54.0	10.99	AV	302.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.400	42.30	-19.94	74.0	31.70	Peak	95.00	100	Vertical	Pass
1**	1595.400	30.24	-19.94	54.0	23.76	AV	95.00	100	Vertical	Pass
2	2796.100	45.73	-12.67	74.0	28.27	Peak	71.00	400	Vertical	Pass
2**	2796.100	34.29	-12.67	54.0	19.71	AV	71.00	400	Vertical	Pass
3	3994.250	48.18	-7.70	74.0	25.82	Peak	230.00	200	Vertical	Pass
3**	3994.250	37.49	-7.70	54.0	16.51	AV	230.00	200	Vertical	Pass
4	5174.750	100.29	-4.94	--	--	Peak	114.00	200	Vertical	N/A
4**	5174.750	92.94	-4.94	--	--	AV	114.00	200	Vertical	N/A
5	7541.500	54.48	-0.23	74.0	19.52	Peak	114.00	100	Vertical	Pass
5**	7541.500	45.44	-0.23	54.0	8.56	AV	114.00	100	Vertical	Pass
6	12332.474	52.39	0.71	74.0	21.61	Peak	300.00	300	Vertical	Pass
6**	12332.474	43.34	0.71	54.0	10.66	AV	300.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.200	40.01	-20.04	74.0	33.99	Peak	284.00	200	Horizontal	Pass
1**	1598.200	28.74	-20.04	54.0	25.26	AV	284.00	200	Horizontal	Pass
2	2795.700	44.45	-12.64	74.0	29.55	Peak	315.00	300	Horizontal	Pass
2**	2795.700	33.96	-12.64	54.0	20.04	AV	315.00	300	Horizontal	Pass
3	3987.500	47.92	-7.84	74.0	26.08	Peak	156.00	200	Horizontal	Pass
3**	3987.500	36.91	-7.84	54.0	17.09	AV	156.00	200	Horizontal	Pass
4	5214.250	98.24	-4.70	--	--	Peak	47.00	100	Horizontal	N/A
4**	5214.250	90.11	-4.70	--	--	AV	47.00	100	Horizontal	N/A
5	7491.000	53.90	-0.34	74.0	20.10	Peak	127.00	150	Horizontal	Pass
5**	7491.000	45.97	-0.34	54.0	8.03	AV	127.00	150	Horizontal	Pass
6	12665.925	53.09	0.66	74.0	20.91	Peak	0.00	100	Horizontal	Pass
6**	12665.925	42.87	0.66	54.0	11.13	AV	0.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.300	41.96	-20.00	74.0	32.04	Peak	87.00	200	Vertical	Pass
1**	1597.300	30.06	-20.00	54.0	23.94	AV	87.00	200	Vertical	Pass
2	2791.300	46.81	-12.58	74.0	27.19	Peak	242.00	300	Vertical	Pass
2**	2791.300	35.12	-12.58	54.0	18.88	AV	242.00	300	Vertical	Pass
3	3999.750	48.35	-7.72	74.0	25.65	Peak	156.00	150	Vertical	Pass
3**	3999.750	37.54	-7.72	54.0	16.46	AV	156.00	150	Vertical	Pass
4	5213.250	100.75	-4.70	--	--	Peak	117.00	200	Vertical	N/A
4**	5213.250	92.94	-4.70	--	--	AV	117.00	200	Vertical	N/A
5	7547.750	54.75	-0.74	74.0	19.25	Peak	353.00	150	Vertical	Pass
5**	7547.750	46.22	-0.74	54.0	7.78	AV	353.00	150	Vertical	Pass
6	12662.600	52.74	0.67	74.0	21.26	Peak	360.00	100	Vertical	Pass
6**	12662.600	42.83	0.67	54.0	11.17	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.000	40.56	-19.96	74.0	33.44	Peak	117.00	100	Horizontal	Pass
1**	1595.000	31.20	-19.96	54.0	22.80	AV	117.00	100	Horizontal	Pass
2	2791.900	43.52	-12.56	74.0	30.48	Peak	33.00	200	Horizontal	Pass
2**	2791.900	34.60	-12.56	54.0	19.40	AV	33.00	200	Horizontal	Pass
3	4355.000	47.08	-6.62	74.0	26.92	Peak	339.00	100	Horizontal	Pass
3**	4355.000	38.27	-6.62	54.0	15.73	AV	339.00	100	Horizontal	Pass
4	5244.500	98.09	-5.27	--	--	Peak	95.00	300	Horizontal	N/A
4**	5244.500	90.20	-5.27	--	--	AV	95.00	300	Horizontal	N/A
5	7594.250	54.93	-0.52	74.0	19.07	Peak	311.00	150	Horizontal	Pass
5**	7594.250	45.84	-0.52	54.0	8.16	AV	311.00	150	Horizontal	Pass
6	12355.276	53.22	0.69	74.0	20.78	Peak	112.00	300	Horizontal	Pass
6**	12355.276	44.42	0.69	54.0	9.58	AV	112.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.500	42.05	-19.98	74.0	31.95	Peak	97.00	300	Vertical	Pass
1**	1594.500	32.24	-19.98	54.0	21.76	AV	97.00	300	Vertical	Pass
2	2792.100	46.23	-12.56	74.0	27.77	Peak	140.00	200	Vertical	Pass
2**	2792.100	35.16	-12.56	54.0	18.84	AV	140.00	200	Vertical	Pass
3	3998.750	47.92	-7.73	74.0	26.08	Peak	50.00	100	Vertical	Pass
3**	3998.750	36.91	-7.73	54.0	17.09	AV	50.00	100	Vertical	Pass
4	5245.500	100.49	-5.27	--	--	Peak	114.00	200	Vertical	N/A
4**	5245.500	93.13	-5.27	--	--	AV	114.00	200	Vertical	N/A
5	7489.250	54.11	-0.33	74.0	19.89	Peak	50.00	200	Vertical	Pass
5**	7489.250	45.69	-0.33	54.0	8.31	AV	50.00	200	Vertical	Pass
6	12521.763	52.39	0.99	74.0	21.61	Peak	57.00	300	Vertical	Pass
6**	12521.763	43.22	0.99	54.0	10.78	AV	57.00	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	1598.800	41.33	-20.05	74.0	32.67	Peak	276.00	300	Horizontal	Pass
1**	1598.800	31.98	-20.05	54.0	22.02	AV	276.00	300	Horizontal	Pass
2	2793.000	44.17	-12.55	74.0	29.83	Peak	144.00	200	Horizontal	Pass
2**	2793.000	34.42	-12.55	54.0	19.58	AV	144.00	200	Horizontal	Pass
3	4343.000	47.56	-6.26	74.0	26.44	Peak	303.00	100	Horizontal	Pass
3**	4343.000	38.27	-6.26	54.0	15.73	AV	303.00	100	Horizontal	Pass
4	5204.500	94.36	-4.60	--	--	Peak	39.00	300	Horizontal	N/A
4**	5204.500	87.19	-4.60	--	--	AV	39.00	300	Horizontal	N/A
5	7611.500	54.55	-1.04	74.0	19.45	Peak	303.00	150	Horizontal	Pass
5**	7611.500	44.66	-1.04	54.0	9.34	AV	303.00	150	Horizontal	Pass
6	12544.562	52.69	1.49	74.0	21.31	Peak	322.00	100	Horizontal	Pass
6**	12544.562	43.65	1.49	54.0	10.35	AV	322.00	100	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	1597.400	41.96	-20.00	74.0	32.04	Peak	78.00	400	Vertical	Pass
1**	1597.400	32.46	-20.00	54.0	21.54	AV	78.00	400	Vertical	Pass
2	2792.100	47.63	-12.56	74.0	26.37	Peak	172.00	100	Vertical	Pass
2**	2792.100	37.35	-12.56	54.0	16.65	AV	172.00	100	Vertical	Pass
3	4353.000	47.98	-6.61	74.0	26.02	Peak	134.00	200	Vertical	Pass
3**	4353.000	38.44	-6.61	54.0	15.56	AV	134.00	200	Vertical	Pass
4	5204.000	97.85	-4.58	--	--	Peak	111.00	100	Vertical	N/A
4**	5204.000	90.20	-4.58	--	--	AV	111.00	100	Vertical	N/A
5	7490.000	54.34	-0.32	74.0	19.66	Peak	340.00	150	Vertical	Pass
5**	7490.000	45.72	-0.32	54.0	8.28	AV	340.00	150	Vertical	Pass
6	12359.312	52.88	0.66	74.0	21.12	Peak	201.00	100	Vertical	Pass
6**	12359.312	43.68	0.66	54.0	10.32	AV	201.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.200	41.04	-19.52	74.0	32.96	Peak	360.00	300	Horizontal	Pass
1**	1497.200	29.50	-19.52	54.0	24.50	AV	360.00	300	Horizontal	Pass
2	2800.000	44.53	-12.81	74.0	29.47	Peak	194.00	200	Horizontal	Pass
2**	2800.000	34.37	-12.81	54.0	19.63	AV	194.00	200	Horizontal	Pass
3	4337.500	47.98	-6.10	74.0	26.02	Peak	71.00	100	Horizontal	Pass
3**	4337.500	38.18	-6.10	54.0	15.82	AV	71.00	100	Horizontal	Pass
4	5214.500	95.05	-4.70	--	--	Peak	42.00	300	Horizontal	N/A
4**	5214.500	87.32	-4.70	--	--	AV	42.00	300	Horizontal	N/A
5	7501.000	54.56	-0.79	74.0	19.44	Peak	52.00	200	Horizontal	Pass
5**	7501.000	45.59	-0.79	54.0	8.41	AV	52.00	200	Horizontal	Pass
6	12354.800	52.88	0.69	74.0	21.12	Peak	311.00	100	Horizontal	Pass
6**	12354.800	44.29	0.69	54.0	9.71	AV	311.00	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	1597.000	42.18	-19.98	74.0	31.82	Peak	93.00	300	Vertical	Pass
1**	1597.000	33.18	-19.98	54.0	20.82	AV	93.00	300	Vertical	Pass
2	2795.100	47.03	-12.59	74.0	26.97	Peak	104.00	200	Vertical	Pass
2**	2795.100	38.11	-12.59	54.0	15.89	AV	104.00	200	Vertical	Pass
3	4390.000	48.16	-7.42	74.0	25.84	Peak	194.00	150	Vertical	Pass
3**	4390.000	38.32	-7.42	54.0	15.68	AV	194.00	150	Vertical	Pass
4	5215.250	97.86	-4.70	--	--	Peak	109.00	400	Vertical	N/A
4**	5215.250	91.17	-4.70	--	--	AV	109.00	400	Vertical	N/A
5	7541.000	53.92	-0.23	74.0	20.08	Peak	0.00	100	Vertical	Pass
5**	7541.000	45.32	-0.23	54.0	8.68	AV	0.00	100	Vertical	Pass
6	12325.349	52.29	0.70	74.0	21.71	Peak	109.00	300	Vertical	Pass
6**	12325.349	44.11	0.70	54.0	9.89	AV	109.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.900	41.77	-20.07	74.0	32.23	Peak	282.00	200	Horizontal	Pass
1**	1599.900	32.14	-20.07	54.0	21.86	AV	282.00	200	Horizontal	Pass
2	2792.800	45.09	-12.55	74.0	28.91	Peak	321.00	200	Horizontal	Pass
2**	2792.800	33.97	-12.55	54.0	20.03	AV	321.00	200	Horizontal	Pass
3	4332.250	48.37	-6.06	74.0	25.63	Peak	228.00	150	Horizontal	Pass
3**	4332.250	37.84	-6.06	54.0	16.16	AV	228.00	150	Horizontal	Pass
4	5235.750	92.30	-5.09	--	--	Peak	314.00	400	Horizontal	N/A
4**	5235.750	85.02	-5.09	--	--	AV	314.00	400	Horizontal	N/A
5	7489.500	55.10	-0.33	74.0	18.90	Peak	26.00	150	Horizontal	Pass
5**	7489.500	45.36	-0.33	54.0	8.64	AV	26.00	150	Horizontal	Pass
6	12537.912	52.90	1.34	74.0	21.10	Peak	324.00	100	Horizontal	Pass
6**	12537.912	43.70	1.34	54.0	10.30	AV	324.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.000	42.14	-20.05	74.0	31.86	Peak	88.00	200	Vertical	Pass
1**	1599.000	32.93	-20.05	54.0	21.07	AV	88.00	200	Vertical	Pass
2	2796.100	48.02	-12.67	74.0	25.98	Peak	242.00	100	Vertical	Pass
2**	2796.100	34.74	-12.67	54.0	19.26	AV	242.00	100	Vertical	Pass
3	3995.250	48.59	-7.69	74.0	25.41	Peak	208.00	150	Vertical	Pass
3**	3995.250	36.60	-7.69	54.0	17.40	AV	208.00	150	Vertical	Pass
4	5236.750	95.41	-5.13	--	--	Peak	115.00	200	Vertical	N/A
4**	5236.750	88.47	-5.13	--	--	AV	115.00	200	Vertical	N/A
5	7584.500	54.07	-1.28	74.0	19.93	Peak	331.00	100	Vertical	Pass
5**	7584.500	44.76	-1.28	54.0	9.24	AV	331.00	100	Vertical	Pass
6	12355.750	52.56	0.69	74.0	21.44	Peak	292.00	400	Vertical	Pass
6**	12355.750	43.14	0.69	54.0	10.86	AV	292.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.900	40.45	-20.03	74.0	33.55	Peak	280.00	400	Horizontal	Pass
1**	1597.900	32.71	-20.03	54.0	21.29	AV	280.00	400	Horizontal	Pass
2	2841.200	44.80	-12.43	74.0	29.20	Peak	360.00	400	Horizontal	Pass
2**	2841.200	33.45	-12.43	54.0	20.55	AV	360.00	400	Horizontal	Pass
3	3991.500	47.26	-7.78	74.0	26.74	Peak	166.00	150	Horizontal	Pass
3**	3991.500	36.89	-7.78	54.0	17.11	AV	166.00	150	Horizontal	Pass
4	5266.000	100.01	-5.10	--	--	Peak	100.00	100	Horizontal	N/A
4**	5266.000	93.01	-5.10	--	--	AV	100.00	100	Horizontal	N/A
5	7606.000	54.25	-0.74	74.0	19.75	Peak	80.00	150	Horizontal	Pass
5**	7606.000	45.12	-0.74	54.0	8.88	AV	80.00	150	Horizontal	Pass
6	12333.425	52.54	0.71	74.0	21.46	Peak	207.00	200	Horizontal	Pass
6**	12333.425	43.51	0.71	54.0	10.49	AV	207.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.000	41.58	-19.98	74.0	32.42	Peak	95.00	200	Vertical	Pass
1**	1597.000	31.75	-19.98	54.0	22.25	AV	95.00	200	Vertical	Pass
2	2797.300	47.54	-12.72	74.0	26.46	Peak	173.00	300	Vertical	Pass
2**	2797.300	34.03	-12.72	54.0	19.97	AV	173.00	300	Vertical	Pass
3	4298.250	48.73	-6.63	74.0	25.27	Peak	92.00	150	Vertical	Pass
3**	4298.250	39.17	-6.63	54.0	14.83	AV	92.00	150	Vertical	Pass
4	5252.750	102.57	-5.30	--	--	Peak	122.00	200	Vertical	N/A
4**	5252.750	94.73	-5.30	--	--	AV	122.00	200	Vertical	N/A
5	7602.250	54.24	-0.47	74.0	19.76	Peak	34.00	100	Vertical	Pass
5**	7602.250	44.91	-0.47	54.0	9.09	AV	34.00	100	Vertical	Pass
6	12449.325	52.82	0.88	74.0	21.18	Peak	206.00	400	Vertical	Pass
6**	12449.325	42.42	0.88	54.0	11.58	AV	206.00	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	1599.000	40.41	-20.05	74.0	33.59	Peak	125.00	100	Horizontal	Pass
1**	1599.000	32.49	-20.05	54.0	21.51	AV	125.00	100	Horizontal	Pass
2	2791.000	45.22	-12.58	74.0	28.78	Peak	147.00	200	Horizontal	Pass
2**	2791.000	35.23	-12.58	54.0	18.77	AV	147.00	200	Horizontal	Pass
3	3998.500	47.64	-7.74	74.0	26.36	Peak	92.00	100	Horizontal	Pass
3**	3998.500	36.92	-7.74	54.0	17.08	AV	92.00	100	Horizontal	Pass
4	5293.500	100.14	-5.41	--	--	Peak	102.00	100	Horizontal	N/A
4**	5293.500	93.45	-5.41	--	--	AV	102.00	100	Horizontal	N/A
5	7497.000	54.42	-0.57	74.0	19.58	Peak	150.00	100	Horizontal	Pass
5**	7497.000	46.35	-0.57	54.0	7.65	AV	150.00	100	Horizontal	Pass
6	12531.974	52.82	1.21	74.0	21.18	Peak	129.00	100	Horizontal	Pass
6**	12531.974	43.45	1.21	54.0	10.55	AV	129.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.700	42.45	-19.93	74.0	31.55	Peak	93.00	200	Vertical	Pass
1**	1595.700	35.08	-19.93	54.0	18.92	AV	93.00	200	Vertical	Pass
2	2797.000	47.44	-12.71	74.0	26.56	Peak	250.00	300	Vertical	Pass
2**	2797.000	34.39	-12.71	54.0	19.61	AV	250.00	300	Vertical	Pass
3	4334.250	48.15	-6.13	74.0	25.85	Peak	228.00	200	Vertical	Pass
3**	4334.250	38.93	-6.13	54.0	15.07	AV	228.00	200	Vertical	Pass
4	5293.250	101.74	-5.40	--	--	Peak	120.00	400	Vertical	N/A
4**	5293.250	94.87	-5.40	--	--	AV	120.00	400	Vertical	N/A
5	7495.000	54.29	-0.41	74.0	19.71	Peak	193.00	100	Vertical	Pass
5**	7495.000	45.57	-0.41	54.0	8.43	AV	193.00	100	Vertical	Pass
6	12328.674	52.80	0.70	74.0	21.20	Peak	217.00	100	Vertical	Pass
6**	12328.674	43.39	0.70	54.0	10.61	AV	217.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.800	40.97	-19.93	74.0	33.03	Peak	313.00	200	Horizontal	Pass
1**	1595.800	29.43	-19.93	54.0	24.57	AV	313.00	200	Horizontal	Pass
2	2793.800	44.51	-12.54	74.0	29.49	Peak	313.00	400	Horizontal	Pass
2**	2793.800	34.02	-12.54	54.0	19.98	AV	313.00	400	Horizontal	Pass
3	4333.500	47.32	-6.11	74.0	26.68	Peak	189.00	200	Horizontal	Pass
3**	4333.500	38.04	-6.11	54.0	15.96	AV	189.00	200	Horizontal	Pass
4	5325.000	99.81	-5.60	--	--	Peak	91.00	100	Horizontal	N/A
4**	5325.000	92.15	-5.60	--	--	AV	91.00	100	Horizontal	N/A
5	7601.000	54.32	-0.41	74.0	19.68	Peak	287.00	150	Horizontal	Pass
5**	7601.000	45.07	-0.41	54.0	8.93	AV	287.00	150	Horizontal	Pass
6	12373.325	52.55	0.54	74.0	21.45	Peak	262.00	300	Horizontal	Pass
6**	12373.325	43.09	0.54	54.0	10.91	AV	262.00	300	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	1598.500	42.56	-20.04	74.0	31.44	Peak	82.00	300	Vertical	Pass
1**	1598.500	32.83	-20.04	54.0	21.17	AV	82.00	300	Vertical	Pass
2	2792.500	48.39	-12.55	74.0	25.61	Peak	169.00	200	Vertical	Pass
2**	2792.500	33.71	-12.55	54.0	20.29	AV	169.00	200	Vertical	Pass
3	4338.500	47.66	-6.17	74.0	26.34	Peak	360.00	100	Vertical	Pass
3**	4338.500	38.76	-6.17	54.0	15.24	AV	360.00	100	Vertical	Pass
4	5326.500	101.29	-5.53	--	--	Peak	117.00	400	Vertical	N/A
4**	5326.500	94.28	-5.53	--	--	AV	117.00	400	Vertical	N/A
5	7496.750	55.47	-0.55	74.0	18.53	Peak	73.00	200	Vertical	Pass
5**	7496.750	44.59	-0.55	54.0	9.41	AV	73.00	200	Vertical	Pass
6	12360.500	52.78	0.65	74.0	21.22	Peak	248.00	300	Vertical	Pass
6**	12360.500	43.48	0.65	54.0	10.52	AV	248.00	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	1595.100	40.08	-19.96	74.0	33.92	Peak	316.00	200	Horizontal	Pass
1**	1595.100	33.77	-19.96	54.0	20.23	AV	316.00	200	Horizontal	Pass
2	2858.600	43.77	-12.34	74.0	30.23	Peak	139.00	300	Horizontal	Pass
2**	2858.600	35.07	-12.34	54.0	18.93	AV	139.00	300	Horizontal	Pass
3	4326.000	48.28	-5.94	74.0	25.72	Peak	290.00	150	Horizontal	Pass
3**	4326.000	38.18	-5.94	54.0	15.82	AV	290.00	150	Horizontal	Pass
4	5252.750	98.77	-5.30	--	--	Peak	308.00	200	Horizontal	N/A
4**	5252.750	91.07	-5.30	--	--	AV	308.00	200	Horizontal	N/A
5	7611.000	54.21	-1.03	74.0	19.79	Peak	32.00	100	Horizontal	Pass
5**	7611.000	43.87	-1.03	54.0	10.13	AV	32.00	100	Horizontal	Pass
6	12360.263	52.26	0.65	74.0	21.74	Peak	0.00	100	Horizontal	Pass
6**	12360.263	44.64	0.65	54.0	9.36	AV	0.00	100	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	1597.000	43.19	-19.98	74.0	30.81	Peak	86.00	100	Vertical	Pass
1**	1597.000	29.48	-19.98	54.0	24.52	AV	86.00	100	Vertical	Pass
2	2796.500	46.56	-12.71	74.0	27.44	Peak	133.00	100	Vertical	Pass
2**	2796.500	36.91	-12.71	54.0	17.09	AV	133.00	100	Vertical	Pass
3	3995.250	47.92	-7.69	74.0	26.08	Peak	176.00	150	Vertical	Pass
3**	3995.250	36.85	-7.69	54.0	17.15	AV	176.00	150	Vertical	Pass
4	5254.000	101.55	-5.28	--	--	Peak	118.00	300	Vertical	N/A
4**	5254.000	94.66	-5.28	--	--	AV	118.00	300	Vertical	N/A
5	7511.250	54.00	-1.32	74.0	20.00	Peak	76.00	100	Vertical	Pass
5**	7511.250	44.65	-1.32	54.0	9.35	AV	76.00	100	Vertical	Pass
6	12347.201	53.03	0.73	74.0	20.97	Peak	15.00	200	Vertical	Pass
6**	12347.201	43.44	0.73	54.0	10.56	AV	15.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.800	39.93	-20.07	74.0	34.07	Peak	322.00	400	Horizontal	Pass
1**	1599.800	30.22	-20.07	54.0	23.78	AV	322.00	400	Horizontal	Pass
2	2797.000	43.49	-12.71	74.0	30.51	Peak	322.00	100	Horizontal	Pass
2**	2797.000	33.81	-12.71	54.0	20.19	AV	322.00	100	Horizontal	Pass
3	4304.000	47.31	-6.50	74.0	26.69	Peak	193.00	200	Horizontal	Pass
3**	4304.000	39.10	-6.50	54.0	14.90	AV	193.00	200	Horizontal	Pass
4	5304.500	99.50	-5.60	--	--	Peak	93.00	100	Horizontal	N/A
4**	5304.500	92.23	-5.60	--	--	AV	93.00	100	Horizontal	N/A
5	7581.250	54.18	-1.41	74.0	19.82	Peak	246.00	150	Horizontal	Pass
5**	7581.250	45.07	-1.41	54.0	8.93	AV	246.00	150	Horizontal	Pass
6	12299.463	52.22	0.65	74.0	21.78	Peak	144.00	100	Horizontal	Pass
6**	12299.463	43.40	0.65	54.0	10.60	AV	144.00	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	1595.300	42.26	-19.95	74.0	31.74	Peak	95.00	400	Vertical	Pass
1**	1595.300	36.16	-19.95	54.0	17.84	AV	95.00	400	Vertical	Pass
2	2793.100	45.89	-12.55	74.0	28.11	Peak	277.00	300	Vertical	Pass
2**	2793.100	35.73	-12.55	54.0	18.27	AV	277.00	300	Vertical	Pass
3	4338.500	47.92	-6.17	74.0	26.08	Peak	234.00	150	Vertical	Pass
3**	4338.500	38.58	-6.17	54.0	15.42	AV	234.00	150	Vertical	Pass
4	5294.250	101.95	-5.45	--	--	Peak	115.00	300	Vertical	N/A
4**	5294.250	93.66	-5.45	--	--	AV	115.00	300	Vertical	N/A
5	7573.750	54.29	-1.58	74.0	19.71	Peak	224.00	200	Vertical	Pass
5**	7573.750	45.30	-1.58	54.0	8.70	AV	224.00	200	Vertical	Pass
6	12355.987	52.55	0.68	74.0	21.45	Peak	4.00	100	Vertical	Pass
6**	12355.987	43.56	0.68	54.0	10.44	AV	4.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.500	41.17	-19.52	74.0	32.83	Peak	152.00	200	Horizontal	Pass
1**	1498.500	28.07	-19.52	54.0	25.93	AV	152.00	200	Horizontal	Pass
2	2794.500	43.76	-12.54	74.0	30.24	Peak	29.00	200	Horizontal	Pass
2**	2794.500	33.89	-12.54	54.0	20.11	AV	29.00	200	Horizontal	Pass
3	4362.750	47.02	-6.67	74.0	26.98	Peak	221.00	200	Horizontal	Pass
3**	4362.750	37.97	-6.67	54.0	16.03	AV	221.00	200	Horizontal	Pass
4	5313.250	99.56	-5.71	--	--	Peak	91.00	400	Horizontal	N/A
4**	5313.250	91.85	-5.71	--	--	AV	91.00	400	Horizontal	N/A
5	7538.250	54.09	-0.23	74.0	19.91	Peak	135.00	100	Horizontal	Pass
5**	7538.250	45.17	-0.23	54.0	8.83	AV	135.00	100	Horizontal	Pass
6	12349.813	52.97	0.74	74.0	21.03	Peak	67.00	200	Horizontal	Pass
6**	12349.813	44.57	0.74	54.0	9.43	AV	67.00	200	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	1595.700	42.69	-19.93	74.0	31.31	Peak	88.00	400	Vertical	Pass
1**	1595.700	34.19	-19.93	54.0	19.81	AV	88.00	400	Vertical	Pass
2	2794.700	46.32	-12.56	74.0	27.68	Peak	173.00	200	Vertical	Pass
2**	2794.700	34.94	-12.56	54.0	19.06	AV	173.00	200	Vertical	Pass
3	4368.250	47.58	-6.85	74.0	26.42	Peak	158.00	200	Vertical	Pass
3**	4368.250	38.11	-6.85	54.0	15.89	AV	158.00	200	Vertical	Pass
4	5326.250	99.81	-5.55	--	--	Peak	111.00	400	Vertical	N/A
4**	5326.250	92.45	-5.55	--	--	AV	111.00	400	Vertical	N/A
5	7583.250	54.32	-1.35	74.0	19.68	Peak	302.00	150	Vertical	Pass
5**	7583.250	45.02	-1.35	54.0	8.98	AV	302.00	150	Vertical	Pass
6	12295.187	52.64	0.63	74.0	21.36	Peak	253.00	200	Vertical	Pass
6**	12295.187	42.57	0.63	54.0	11.43	AV	253.00	200	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	1596.200	41.22	-19.94	74.0	32.78	Peak	275.00	300	Horizontal	Pass
1**	1596.200	33.38	-19.94	54.0	20.62	AV	275.00	300	Horizontal	Pass
2	2794.700	43.86	-12.56	74.0	30.14	Peak	314.00	400	Horizontal	Pass
2**	2794.700	33.86	-12.56	54.0	20.14	AV	314.00	400	Horizontal	Pass
3	4324.000	47.63	-5.93	74.0	26.37	Peak	350.00	150	Horizontal	Pass
3**	4324.000	39.16	-5.93	54.0	14.84	AV	350.00	150	Horizontal	Pass
4	5283.750	95.63	-5.15	--	--	Peak	99.00	400	Horizontal	N/A
4**	5283.750	88.04	-5.15	--	--	AV	99.00	400	Horizontal	N/A
5	7495.750	54.05	-0.47	74.0	19.95	Peak	43.00	150	Horizontal	Pass
5**	7495.750	45.47	-0.47	54.0	8.53	AV	43.00	150	Horizontal	Pass
6	12353.375	52.91	0.71	74.0	21.09	Peak	238.00	100	Horizontal	Pass
6**	12353.375	43.61	0.71	54.0	10.39	AV	238.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.400	42.62	-19.95	74.0	31.38	Peak	91.00	200	Vertical	Pass
1**	1596.400	31.28	-19.95	54.0	22.72	AV	91.00	200	Vertical	Pass
2	2797.900	47.21	-12.72	74.0	26.79	Peak	180.00	400	Vertical	Pass
2**	2797.900	35.65	-12.72	54.0	18.35	AV	180.00	400	Vertical	Pass
3	3997.250	47.89	-7.77	74.0	26.11	Peak	120.00	200	Vertical	Pass
3**	3997.250	36.51	-7.77	54.0	17.49	AV	120.00	200	Vertical	Pass
4	5283.000	97.91	-5.11	--	--	Peak	120.00	200	Vertical	N/A
4**	5283.000	91.14	-5.11	--	--	AV	120.00	200	Vertical	N/A
5	7496.500	54.18	-0.53	74.0	19.82	Peak	360.00	100	Vertical	Pass
5**	7496.500	45.06	-0.53	54.0	8.94	AV	360.00	100	Vertical	Pass
6	12351.713	53.07	0.72	74.0	20.93	Peak	312.00	300	Vertical	Pass
6**	12351.713	43.85	0.72	54.0	10.15	AV	312.00	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	1598.200	40.93	-20.04	74.0	33.07	Peak	280.00	100	Horizontal	Pass
1**	1598.200	31.23	-20.04	54.0	22.77	AV	280.00	100	Horizontal	Pass
2	2799.000	44.73	-12.75	74.0	29.27	Peak	213.00	300	Horizontal	Pass
2**	2799.000	37.41	-12.75	54.0	16.59	AV	213.00	300	Horizontal	Pass
3	4319.750	47.49	-5.98	74.0	26.51	Peak	19.00	200	Horizontal	Pass
3**	4319.750	38.11	-5.98	54.0	15.89	AV	19.00	200	Horizontal	Pass
4	5296.500	96.25	-5.51	--	--	Peak	96.00	100	Horizontal	N/A
4**	5296.500	88.35	-5.51	--	--	AV	96.00	100	Horizontal	N/A
5	7593.250	53.83	-0.58	74.0	20.17	Peak	207.00	100	Horizontal	Pass
5**	7593.250	45.42	-0.58	54.0	8.58	AV	207.00	100	Horizontal	Pass
6	12343.162	53.09	0.72	74.0	20.91	Peak	334.00	300	Horizontal	Pass
6**	12343.162	43.62	0.72	54.0	10.38	AV	334.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.500	41.68	-19.95	74.0	32.32	Peak	80.00	100	Vertical	Pass
1**	1596.500	33.87	-19.95	54.0	20.13	AV	80.00	100	Vertical	Pass
2	2794.700	46.71	-12.56	74.0	27.29	Peak	246.00	300	Vertical	Pass
2**	2794.700	35.80	-12.56	54.0	18.20	AV	246.00	300	Vertical	Pass
3	3986.250	47.45	-7.83	74.0	26.55	Peak	41.00	200	Vertical	Pass
3**	3986.250	36.02	-7.83	54.0	17.98	AV	41.00	200	Vertical	Pass
4	5293.500	97.56	-5.41	--	--	Peak	125.00	400	Vertical	N/A
4**	5293.500	89.91	-5.41	--	--	AV	125.00	400	Vertical	N/A
5	7596.000	54.62	-0.46	74.0	19.38	Peak	360.00	200	Vertical	Pass
5**	7596.000	45.57	-0.46	54.0	8.43	AV	360.00	200	Vertical	Pass
6	12352.425	52.67	0.72	74.0	21.33	Peak	349.00	100	Vertical	Pass
6**	12352.425	44.01	0.72	54.0	9.99	AV	349.00	100	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	1598.300	40.84	-20.04	74.0	33.16	Peak	279.00	300	Horizontal	Pass
1**	1598.300	28.44	-20.04	54.0	25.56	AV	279.00	300	Horizontal	Pass
2	2793.900	43.96	-12.54	74.0	30.04	Peak	166.00	200	Horizontal	Pass
2**	2793.900	34.30	-12.54	54.0	19.70	AV	166.00	200	Horizontal	Pass
3	4331.000	47.64	-6.00	74.0	26.36	Peak	101.00	150	Horizontal	Pass
3**	4331.000	38.14	-6.00	54.0	15.86	AV	101.00	150	Horizontal	Pass
4	5264.750	97.27	-5.14	--	--	Peak	101.00	300	Horizontal	N/A
4**	5264.750	89.83	-5.14	--	--	AV	101.00	300	Horizontal	N/A
5	7695.000	54.29	-1.43	74.0	19.71	Peak	156.00	100	Horizontal	Pass
5**	7695.000	44.25	-1.43	54.0	9.75	AV	156.00	100	Horizontal	Pass
6	12578.050	52.49	1.35	74.0	21.51	Peak	38.00	300	Horizontal	Pass
6**	12578.050	42.39	1.35	54.0	11.61	AV	38.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.700	42.89	-20.02	74.0	31.11	Peak	83.00	400	Vertical	Pass
1**	1597.700	32.24	-20.02	54.0	21.76	AV	83.00	400	Vertical	Pass
2	2789.500	45.89	-12.64	74.0	28.11	Peak	248.00	100	Vertical	Pass
2**	2789.500	36.16	-12.64	54.0	17.84	AV	248.00	100	Vertical	Pass
3	4335.250	47.47	-6.14	74.0	26.53	Peak	272.00	200	Vertical	Pass
3**	4335.250	38.44	-6.14	54.0	15.56	AV	272.00	200	Vertical	Pass
4	5253.000	100.28	-5.30	--	--	Peak	119.00	300	Vertical	N/A
4**	5253.000	93.10	-5.30	--	--	AV	119.00	300	Vertical	N/A
5	7545.000	54.40	-0.48	74.0	19.60	Peak	262.00	100	Vertical	Pass
5**	7545.000	44.62	-0.48	54.0	9.38	AV	262.00	100	Vertical	Pass
6	12311.812	53.00	0.67	74.0	21.00	Peak	193.00	400	Vertical	Pass
6**	12311.812	42.35	0.67	54.0	11.65	AV	193.00	400	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	1593.900	40.94	-20.01	74.0	33.06	Peak	271.00	400	Horizontal	Pass
1**	1593.900	28.31	-20.01	54.0	25.69	AV	271.00	400	Horizontal	Pass
2	2723.200	43.68	-11.82	74.0	30.32	Peak	4.00	100	Horizontal	Pass
2**	2723.200	34.42	-11.82	54.0	19.58	AV	4.00	100	Horizontal	Pass
3	4334.750	47.05	-6.14	74.0	26.95	Peak	17.00	200	Horizontal	Pass
3**	4334.750	39.39	-6.14	54.0	14.61	AV	17.00	200	Horizontal	Pass
4	5296.250	97.97	-5.51	--	--	Peak	100.00	400	Horizontal	N/A
4**	5296.250	90.46	-5.51	--	--	AV	100.00	400	Horizontal	N/A
5	7589.750	55.50	-0.83	74.0	18.50	Peak	330.00	150	Horizontal	Pass
5**	7589.750	46.03	-0.83	54.0	7.97	AV	330.00	150	Horizontal	Pass
6	12537.201	52.55	1.33	74.0	21.45	Peak	0.00	400	Horizontal	Pass
6**	12537.201	43.71	1.33	54.0	10.29	AV	0.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.900	42.32	-19.97	74.0	31.68	Peak	96.00	200	Vertical	Pass
1**	1596.900	32.27	-19.97	54.0	21.73	AV	96.00	200	Vertical	Pass
2	2800.100	45.87	-12.82	74.0	28.13	Peak	172.00	200	Vertical	Pass
2**	2800.100	33.28	-12.82	54.0	20.72	AV	172.00	200	Vertical	Pass
3	4340.250	48.27	-6.27	74.0	25.73	Peak	0.00	100	Vertical	Pass
3**	4340.250	38.70	-6.27	54.0	15.30	AV	0.00	100	Vertical	Pass
4	5294.000	100.31	-5.44	--	--	Peak	115.00	300	Vertical	N/A
4**	5294.000	92.76	-5.44	--	--	AV	115.00	300	Vertical	N/A
5	7490.750	53.75	-0.33	74.0	20.25	Peak	354.00	150	Vertical	Pass
5**	7490.750	44.83	-0.33	54.0	9.17	AV	354.00	150	Vertical	Pass
6	12345.062	52.77	0.73	74.0	21.23	Peak	0.00	300	Vertical	Pass
6**	12345.062	43.89	0.73	54.0	10.11	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.900	40.76	-20.05	74.0	33.24	Peak	280.00	300	Horizontal	Pass
1**	1598.900	30.89	-20.05	54.0	23.11	AV	280.00	300	Horizontal	Pass
2	2797.000	44.25	-12.71	74.0	29.75	Peak	157.00	200	Horizontal	Pass
2**	2797.000	34.56	-12.71	54.0	19.44	AV	157.00	200	Horizontal	Pass
3	4355.500	47.85	-6.63	74.0	26.15	Peak	94.00	100	Horizontal	Pass
3**	4355.500	38.19	-6.63	54.0	15.81	AV	94.00	100	Horizontal	Pass
4	5313.000	98.41	-5.71	--	--	Peak	94.00	400	Horizontal	N/A
4**	5313.000	91.68	-5.71	--	--	AV	94.00	400	Horizontal	N/A
5	7595.000	54.28	-0.48	74.0	19.72	Peak	342.00	150	Horizontal	Pass
5**	7595.000	45.48	-0.48	54.0	8.52	AV	342.00	150	Horizontal	Pass
6	12352.900	53.15	0.71	74.0	20.85	Peak	242.00	400	Horizontal	Pass
6**	12352.900	44.29	0.71	54.0	9.71	AV	242.00	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	1596.400	42.49	-19.95	74.0	31.51	Peak	81.00	200	Vertical	Pass
1**	1596.400	30.98	-19.95	54.0	23.02	AV	81.00	200	Vertical	Pass
2	2790.400	47.23	-12.60	74.0	26.77	Peak	245.00	400	Vertical	Pass
2**	2790.400	38.50	-12.60	54.0	15.50	AV	245.00	400	Vertical	Pass
3	4314.750	47.52	-6.00	74.0	26.48	Peak	87.00	200	Vertical	Pass
3**	4314.750	38.38	-6.00	54.0	15.62	AV	87.00	200	Vertical	Pass
4	5327.000	98.75	-5.51	--	--	Peak	117.00	300	Vertical	N/A
4**	5327.000	91.35	-5.51	--	--	AV	117.00	300	Vertical	N/A
5	7499.750	54.34	-0.73	74.0	19.66	Peak	57.00	150	Vertical	Pass
5**	7499.750	45.35	-0.73	54.0	8.65	AV	57.00	150	Vertical	Pass
6	12340.550	52.91	0.72	74.0	21.09	Peak	45.00	200	Vertical	Pass
6**	12340.550	43.78	0.72	54.0	10.22	AV	45.00	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	1599.400	41.09	-20.06	74.0	32.91	Peak	320.00	400	Horizontal	Pass
1**	1599.400	31.02	-20.06	54.0	22.98	AV	320.00	400	Horizontal	Pass
2	2731.300	43.57	-11.58	74.0	30.43	Peak	18.00	300	Horizontal	Pass
2**	2731.300	33.62	-11.58	54.0	20.38	AV	18.00	300	Horizontal	Pass
3	4354.500	47.49	-6.61	74.0	26.51	Peak	237.00	150	Horizontal	Pass
3**	4354.500	38.11	-6.61	54.0	15.89	AV	237.00	150	Horizontal	Pass
4	5281.500	95.27	-5.06	--	--	Peak	94.00	200	Horizontal	N/A
4**	5281.500	87.48	-5.06	--	--	AV	94.00	200	Horizontal	N/A
5	7594.250	54.36	-0.52	74.0	19.64	Peak	75.00	150	Horizontal	Pass
5**	7594.250	44.98	-0.52	54.0	9.02	AV	75.00	150	Horizontal	Pass
6	12298.276	53.10	0.64	74.0	20.90	Peak	176.00	100	Horizontal	Pass
6**	12298.276	43.51	0.64	54.0	10.49	AV	176.00	100	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	1594.900	41.95	-19.96	74.0	32.05	Peak	81.00	100	Vertical	Pass
1**	1594.900	30.30	-19.96	54.0	23.70	AV	81.00	100	Vertical	Pass
2	2798.300	46.97	-12.73	74.0	27.03	Peak	243.00	400	Vertical	Pass
2**	2798.300	34.94	-12.73	54.0	19.06	AV	243.00	400	Vertical	Pass
3	3989.250	47.67	-7.85	74.0	26.33	Peak	159.00	200	Vertical	Pass
3**	3989.250	36.46	-7.85	54.0	17.54	AV	159.00	200	Vertical	Pass
4	5254.250	96.89	-5.27	--	--	Peak	118.00	100	Vertical	N/A
4**	5254.250	89.15	-5.27	--	--	AV	118.00	100	Vertical	N/A
5	7589.000	54.54	-0.87	74.0	19.46	Peak	250.00	200	Vertical	Pass
5**	7589.000	45.01	-0.87	54.0	8.99	AV	250.00	200	Vertical	Pass
6	12542.188	53.17	1.44	74.0	20.83	Peak	21.00	100	Vertical	Pass
6**	12542.188	43.66	1.44	54.0	10.34	AV	21.00	100	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	1598.900	42.64	-20.05	74.0	31.36	Peak	280.00	400	Horizontal	Pass
1**	1598.900	30.20	-20.05	54.0	23.80	AV	280.00	400	Horizontal	Pass
2	2796.800	44.38	-12.71	74.0	29.62	Peak	229.00	300	Horizontal	Pass
2**	2796.800	34.50	-12.71	54.0	19.50	AV	229.00	300	Horizontal	Pass
3	4351.000	47.17	-6.61	74.0	26.83	Peak	87.00	100	Horizontal	Pass
3**	4351.000	38.63	-6.61	54.0	15.37	AV	87.00	100	Horizontal	Pass
4	5294.750	94.89	-5.47	--	--	Peak	98.00	400	Horizontal	N/A
4**	5294.750	87.19	-5.47	--	--	AV	98.00	400	Horizontal	N/A
5	7486.000	54.13	-0.40	74.0	19.87	Peak	336.00	150	Horizontal	Pass
5**	7486.000	44.34	-0.40	54.0	9.66	AV	336.00	150	Horizontal	Pass
6	12351.950	52.63	0.72	74.0	21.37	Peak	162.00	200	Horizontal	Pass
6**	12351.950	44.54	0.72	54.0	9.46	AV	162.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.400	41.82	-20.04	74.0	32.18	Peak	249.00	300	Vertical	Pass
1**	1598.400	31.27	-20.04	54.0	22.73	AV	249.00	300	Vertical	Pass
2	2795.300	46.76	-12.61	74.0	27.24	Peak	181.00	200	Vertical	Pass
2**	2795.300	34.80	-12.61	54.0	19.20	AV	181.00	200	Vertical	Pass
3	4361.750	47.49	-6.69	74.0	26.51	Peak	297.00	200	Vertical	Pass
3**	4361.750	38.61	-6.69	54.0	15.39	AV	297.00	200	Vertical	Pass
4	5295.250	97.20	-5.50	--	--	Peak	116.00	200	Vertical	N/A
4**	5295.250	90.26	-5.50	--	--	AV	116.00	200	Vertical	N/A
5	7492.000	53.77	-0.39	74.0	20.23	Peak	195.00	200	Vertical	Pass
5**	7492.000	45.14	-0.39	54.0	8.86	AV	195.00	200	Vertical	Pass
6	12334.612	53.25	0.71	74.0	20.75	Peak	60.00	300	Vertical	Pass
6**	12334.612	44.05	0.71	54.0	9.95	AV	60.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.900	40.90	-19.97	74.0	33.10	Peak	279.00	200	Horizontal	Pass
1**	1596.900	32.52	-19.97	54.0	21.48	AV	279.00	200	Horizontal	Pass
2	2792.500	43.47	-12.55	74.0	30.53	Peak	49.00	300	Horizontal	Pass
2**	2792.500	33.96	-12.55	54.0	20.04	AV	49.00	300	Horizontal	Pass
3	4352.750	47.40	-6.61	74.0	26.60	Peak	168.00	200	Horizontal	Pass
3**	4352.750	39.14	-6.61	54.0	14.86	AV	168.00	200	Horizontal	Pass
4	5317.750	92.92	-5.69	--	--	Peak	88.00	400	Horizontal	N/A
4**	5317.750	85.43	-5.69	--	--	AV	88.00	400	Horizontal	N/A
5	7540.500	54.23	-0.22	74.0	19.77	Peak	343.00	150	Horizontal	Pass
5**	7540.500	45.47	-0.22	54.0	8.53	AV	343.00	150	Horizontal	Pass
6	12360.025	52.97	0.65	74.0	21.03	Peak	64.00	400	Horizontal	Pass
6**	12360.025	43.62	0.65	54.0	10.38	AV	64.00	400	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	1396.000	43.22	-19.60	74.0	30.78	Peak	235.00	150	Vertical	Pass
1**	1396.000	34.94	-19.60	54.0	19.06	AV	235.00	150	Vertical	Pass
2	2797.000	46.39	-12.71	74.0	27.61	Peak	246.00	400	Vertical	Pass
2**	2797.000	35.96	-12.71	54.0	18.04	AV	246.00	400	Vertical	Pass
3	3990.500	47.75	-7.80	74.0	26.25	Peak	44.00	200	Vertical	Pass
3**	3990.500	38.53	-7.80	54.0	15.47	AV	44.00	200	Vertical	Pass
4	5255.000	94.97	-5.25	--	--	Peak	112.00	400	Vertical	N/A
4**	5255.000	87.91	-5.25	--	--	AV	112.00	400	Vertical	N/A
5	7595.750	55.12	-0.47	74.0	18.88	Peak	247.00	200	Vertical	Pass
5**	7595.750	45.15	-0.47	54.0	8.85	AV	247.00	200	Vertical	Pass
6	12377.838	52.78	0.50	74.0	21.22	Peak	298.00	300	Vertical	Pass
6**	12377.838	42.63	0.50	54.0	11.37	AV	298.00	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	1499.600	41.72	-19.49	74.0	32.28	Peak	270.00	300	Horizontal	Pass
1**	1499.600	28.59	-19.49	54.0	25.41	AV	270.00	300	Horizontal	Pass
2	2793.400	43.89	-12.54	74.0	30.11	Peak	31.00	200	Horizontal	Pass
2**	2793.400	33.91	-12.54	54.0	20.09	AV	31.00	200	Horizontal	Pass
3	4306.750	47.73	-6.35	74.0	26.27	Peak	6.00	150	Horizontal	Pass
3**	4306.750	37.76	-6.35	54.0	16.24	AV	6.00	150	Horizontal	Pass
4	5494.000	98.90	-4.87	--	--	Peak	303.00	300	Horizontal	N/A
4**	5494.000	91.38	-4.87	--	--	AV	303.00	300	Horizontal	N/A
5	7599.000	54.05	-0.34	74.0	19.95	Peak	319.00	200	Horizontal	Pass
5**	7599.000	44.54	-0.34	54.0	9.46	AV	319.00	200	Horizontal	Pass
6	12661.412	52.92	0.67	74.0	21.08	Peak	110.00	300	Horizontal	Pass
6**	12661.412	42.83	0.67	54.0	11.17	AV	110.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.100	42.84	-20.03	74.0	31.16	Peak	99.00	100	Vertical	Pass
1**	1598.100	34.69	-20.03	54.0	19.31	AV	99.00	100	Vertical	Pass
2	2796.400	46.78	-12.70	74.0	27.22	Peak	130.00	300	Vertical	Pass
2**	2796.400	33.98	-12.70	54.0	20.02	AV	130.00	300	Vertical	Pass
3	4356.000	47.45	-6.64	74.0	26.55	Peak	0.00	200	Vertical	Pass
3**	4356.000	37.81	-6.64	54.0	16.19	AV	0.00	200	Vertical	Pass
4	5507.000	102.13	-5.01	--	--	Peak	280.00	400	Vertical	N/A
4**	5507.000	95.21	-5.01	--	--	AV	280.00	400	Vertical	N/A
5	7529.250	54.35	-0.75	74.0	19.65	Peak	160.00	200	Vertical	Pass
5**	7529.250	44.33	-0.75	54.0	9.67	AV	160.00	200	Vertical	Pass
6	12335.088	52.87	0.71	74.0	21.13	Peak	227.00	200	Vertical	Pass
6**	12335.088	43.73	0.71	54.0	10.27	AV	227.00	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	1598.100	40.71	-20.03	74.0	33.29	Peak	286.00	100	Horizontal	Pass
1**	1598.100	30.16	-20.03	54.0	23.84	AV	286.00	100	Horizontal	Pass
2	2799.800	42.99	-12.80	74.0	31.01	Peak	169.00	200	Horizontal	Pass
2**	2799.800	34.09	-12.80	54.0	19.91	AV	169.00	200	Horizontal	Pass
3	4352.500	47.19	-6.62	74.0	26.81	Peak	68.00	200	Horizontal	Pass
3**	4352.500	37.71	-6.62	54.0	16.29	AV	68.00	200	Horizontal	Pass
4	5574.250	97.96	-5.25	--	--	Peak	338.00	400	Horizontal	N/A
4**	5574.250	90.67	-5.25	--	--	AV	338.00	400	Horizontal	N/A
5	7605.250	54.09	-0.68	74.0	19.91	Peak	296.00	200	Horizontal	Pass
5**	7605.250	44.43	-0.68	54.0	9.57	AV	296.00	200	Horizontal	Pass
6	12335.799	53.38	0.71	74.0	20.62	Peak	299.00	200	Horizontal	Pass
6**	12335.799	43.50	0.71	54.0	10.50	AV	299.00	200	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	1598.700	41.24	-20.05	74.0	32.76	Peak	78.00	300	Vertical	Pass
1**	1598.700	31.40	-20.05	54.0	22.60	AV	78.00	300	Vertical	Pass
2	2790.700	47.66	-12.59	74.0	26.34	Peak	258.00	200	Vertical	Pass
2**	2790.700	38.22	-12.59	54.0	15.78	AV	258.00	200	Vertical	Pass
3	3985.750	47.66	-7.85	74.0	26.34	Peak	178.00	150	Vertical	Pass
3**	3985.750	36.18	-7.85	54.0	17.82	AV	178.00	150	Vertical	Pass
4	5583.500	100.57	-5.21	--	--	Peak	281.00	200	Vertical	N/A
4**	5583.500	93.62	-5.21	--	--	AV	281.00	200	Vertical	N/A
5	7500.500	53.88	-0.77	74.0	20.12	Peak	74.00	200	Vertical	Pass
5**	7500.500	44.67	-0.77	54.0	9.33	AV	74.00	200	Vertical	Pass
6	12327.250	52.95	0.70	74.0	21.05	Peak	9.00	100	Vertical	Pass
6**	12327.250	44.11	0.70	54.0	9.89	AV	9.00	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	1598.300	39.36	-20.04	74.0	34.64	Peak	113.00	400	Horizontal	Pass
1**	1598.300	30.01	-20.04	54.0	23.99	AV	113.00	400	Horizontal	Pass
2	2765.100	43.37	-12.74	74.0	30.63	Peak	191.00	100	Horizontal	Pass
2**	2765.100	33.34	-12.74	54.0	20.66	AV	191.00	100	Horizontal	Pass
3	4353.250	46.68	-6.61	74.0	27.32	Peak	159.00	200	Horizontal	Pass
3**	4353.250	38.53	-6.61	54.0	15.47	AV	159.00	200	Horizontal	Pass
4	5693.000	98.15	-4.96	--	--	Peak	306.00	400	Horizontal	N/A
4**	5693.000	91.23	-4.96	--	--	AV	306.00	400	Horizontal	N/A
5	7487.750	54.07	-0.35	74.0	19.93	Peak	279.00	150	Horizontal	Pass
5**	7487.750	45.77	-0.35	54.0	8.23	AV	279.00	150	Horizontal	Pass
6	12351.950	52.84	0.72	74.0	21.16	Peak	339.00	100	Horizontal	Pass
6**	12351.950	43.65	0.72	54.0	10.35	AV	339.00	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	1595.400	42.00	-19.94	74.0	32.00	Peak	89.00	400	Vertical	Pass
1**	1595.400	31.99	-19.94	54.0	22.01	AV	89.00	400	Vertical	Pass
2	2792.200	46.31	-12.56	74.0	27.69	Peak	177.00	400	Vertical	Pass
2**	2792.200	35.01	-12.56	54.0	18.99	AV	177.00	400	Vertical	Pass
3	3989.000	48.07	-7.86	74.0	25.93	Peak	213.00	200	Vertical	Pass
3**	3989.000	37.06	-7.86	54.0	16.94	AV	213.00	200	Vertical	Pass
4	5694.000	99.22	-5.03	--	--	Peak	269.00	200	Vertical	N/A
4**	5694.000	91.85	-5.03	--	--	AV	269.00	200	Vertical	N/A
5	7590.500	54.06	-0.79	74.0	19.94	Peak	56.00	200	Vertical	Pass
5**	7590.500	44.96	-0.79	54.0	9.04	AV	56.00	200	Vertical	Pass
6	12330.100	53.63	0.70	74.0	20.37	Peak	305.00	200	Vertical	Pass
6**	12330.100	44.13	0.70	54.0	9.87	AV	305.00	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	1599.300	38.87	-20.06	74.0	35.13	Peak	124.00	200	Horizontal	Pass
1**	1599.300	31.02	-20.06	54.0	22.98	AV	124.00	200	Horizontal	Pass
2	2868.100	43.48	-12.41	74.0	30.52	Peak	348.00	300	Horizontal	Pass
2**	2868.100	34.41	-12.41	54.0	19.59	AV	348.00	300	Horizontal	Pass
3	4342.750	47.05	-6.27	74.0	26.95	Peak	360.00	100	Horizontal	Pass
3**	4342.750	38.27	-6.27	54.0	15.73	AV	360.00	100	Horizontal	Pass
4	5504.500	98.65	-4.92	--	--	Peak	300.00	200	Horizontal	N/A
4**	5504.500	90.67	-4.92	--	--	AV	300.00	200	Horizontal	N/A
5	7492.250	54.06	-0.40	74.0	19.94	Peak	84.00	200	Horizontal	Pass
5**	7492.250	44.76	-0.40	54.0	9.24	AV	84.00	200	Horizontal	Pass
6	12535.300	52.65	1.29	74.0	21.35	Peak	327.00	100	Horizontal	Pass
6**	12535.300	43.04	1.29	54.0	10.96	AV	327.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.400	42.23	-20.06	74.0	31.77	Peak	81.00	200	Vertical	Pass
1**	1599.400	30.32	-20.06	54.0	23.68	AV	81.00	200	Vertical	Pass
2	2797.400	46.64	-12.72	74.0	27.36	Peak	108.00	200	Vertical	Pass
2**	2797.400	34.19	-12.72	54.0	19.81	AV	108.00	200	Vertical	Pass
3	4322.500	47.49	-5.92	74.0	26.51	Peak	292.00	150	Vertical	Pass
3**	4322.500	38.83	-5.92	54.0	15.17	AV	292.00	150	Vertical	Pass
4	5505.000	100.02	-4.93	--	--	Peak	284.00	400	Vertical	N/A
4**	5505.000	93.04	-4.93	--	--	AV	284.00	400	Vertical	N/A
5	7592.000	54.37	-0.66	74.0	19.63	Peak	68.00	100	Vertical	Pass
5**	7592.000	44.61	-0.66	54.0	9.39	AV	68.00	100	Vertical	Pass
6	12313.713	52.33	0.68	74.0	21.67	Peak	118.00	100	Vertical	Pass
6**	12313.713	43.01	0.68	54.0	10.99	AV	118.00	100	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	1497.200	41.27	-19.52	74.0	32.73	Peak	134.00	200	Horizontal	Pass
1**	1497.200	30.41	-19.52	54.0	23.59	AV	134.00	200	Horizontal	Pass
2	2874.300	42.95	-12.38	74.0	31.05	Peak	360.00	200	Horizontal	Pass
2**	2874.300	33.49	-12.38	54.0	20.51	AV	360.00	200	Horizontal	Pass
3	4343.750	47.12	-6.27	74.0	26.88	Peak	323.00	150	Horizontal	Pass
3**	4343.750	38.77	-6.27	54.0	15.23	AV	323.00	150	Horizontal	Pass
4	5575.000	96.62	-5.26	--	--	Peak	302.00	400	Horizontal	N/A
4**	5575.000	88.68	-5.26	--	--	AV	302.00	400	Horizontal	N/A
5	7599.250	53.95	-0.35	74.0	20.05	Peak	185.00	100	Horizontal	Pass
5**	7599.250	45.59	-0.35	54.0	8.41	AV	185.00	100	Horizontal	Pass
6	12323.687	52.68	0.69	74.0	21.32	Peak	97.00	100	Horizontal	Pass
6**	12323.687	43.63	0.69	54.0	10.37	AV	97.00	100	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	1596.800	43.00	-19.97	74.0	31.00	Peak	85.00	400	Vertical	Pass
1**	1596.800	30.96	-19.97	54.0	23.04	AV	85.00	400	Vertical	Pass
2	2799.100	46.09	-12.76	74.0	27.91	Peak	248.00	200	Vertical	Pass
2**	2799.100	34.98	-12.76	54.0	19.02	AV	248.00	200	Vertical	Pass
3	4372.750	47.24	-7.06	74.0	26.76	Peak	153.00	100	Vertical	Pass
3**	4372.750	37.65	-7.06	54.0	16.35	AV	153.00	100	Vertical	Pass
4	5587.000	99.33	-5.24	--	--	Peak	284.00	400	Vertical	N/A
4**	5587.000	92.20	-5.24	--	--	AV	284.00	400	Vertical	N/A
5	7590.750	54.11	-0.77	74.0	19.89	Peak	124.00	200	Vertical	Pass
5**	7590.750	45.39	-0.77	54.0	8.61	AV	124.00	200	Vertical	Pass
6	12352.900	52.44	0.71	74.0	21.56	Peak	14.00	300	Vertical	Pass
6**	12352.900	43.88	0.71	54.0	10.12	AV	14.00	300	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	1598.500	39.52	-20.04	74.0	34.48	Peak	50.00	200	Horizontal	Pass
1**	1598.500	32.42	-20.04	54.0	21.58	AV	50.00	200	Horizontal	Pass
2	2877.600	43.15	-12.39	74.0	30.85	Peak	344.00	200	Horizontal	Pass
2**	2877.600	33.28	-12.39	54.0	20.72	AV	344.00	200	Horizontal	Pass
3	4311.750	47.19	-6.14	74.0	26.81	Peak	353.00	100	Horizontal	Pass
3**	4311.750	38.16	-6.14	54.0	15.84	AV	353.00	100	Horizontal	Pass
4	5692.750	96.91	-4.95	--	--	Peak	301.00	300	Horizontal	N/A
4**	5692.750	89.29	-4.95	--	--	AV	301.00	300	Horizontal	N/A
5	7593.250	53.92	-0.58	74.0	20.08	Peak	293.00	200	Horizontal	Pass
5**	7593.250	45.03	-0.58	54.0	8.97	AV	293.00	200	Horizontal	Pass
6	12690.388	52.89	0.55	74.0	21.11	Peak	23.00	100	Horizontal	Pass
6**	12690.388	42.62	0.55	54.0	11.38	AV	23.00	100	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	1594.900	42.04	-19.96	74.0	31.96	Peak	85.00	100	Vertical	Pass
1**	1594.900	33.73	-19.96	54.0	20.27	AV	85.00	100	Vertical	Pass
2	2797.400	46.50	-12.72	74.0	27.50	Peak	170.00	400	Vertical	Pass
2**	2797.400	37.32	-12.72	54.0	16.68	AV	170.00	400	Vertical	Pass
3	4338.500	47.03	-6.17	74.0	26.97	Peak	144.00	150	Vertical	Pass
3**	4338.500	38.62	-6.17	54.0	15.38	AV	144.00	150	Vertical	Pass
4	5693.000	98.07	-4.96	--	--	Peak	280.00	300	Vertical	N/A
4**	5693.000	90.20	-4.96	--	--	AV	280.00	300	Vertical	N/A
5	7502.500	54.63	-0.90	74.0	19.37	Peak	127.00	100	Vertical	Pass
5**	7502.500	44.49	-0.90	54.0	9.51	AV	127.00	100	Vertical	Pass
6	12327.250	52.53	0.70	74.0	21.47	Peak	220.00	200	Vertical	Pass
6**	12327.250	43.14	0.70	54.0	10.86	AV	220.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.400	40.20	-20.04	74.0	33.80	Peak	319.00	100	Horizontal	Pass
1**	1598.400	31.47	-20.04	54.0	22.53	AV	319.00	100	Horizontal	Pass
2	2883.400	42.69	-12.28	74.0	31.31	Peak	236.00	400	Horizontal	Pass
2**	2883.400	33.84	-12.28	54.0	20.16	AV	236.00	400	Horizontal	Pass
3	4348.750	47.46	-6.55	74.0	26.54	Peak	81.00	100	Horizontal	Pass
3**	4348.750	37.94	-6.55	54.0	16.06	AV	81.00	100	Horizontal	Pass
4	5512.500	94.56	-5.24	--	--	Peak	300.00	400	Horizontal	N/A
4**	5512.500	87.32	-5.24	--	--	AV	300.00	400	Horizontal	N/A
5	7595.500	53.67	-0.47	74.0	20.33	Peak	0.00	150	Horizontal	Pass
5**	7595.500	44.73	-0.47	54.0	9.27	AV	0.00	150	Horizontal	Pass
6	12346.963	52.35	0.73	74.0	21.65	Peak	92.00	200	Horizontal	Pass
6**	12346.963	43.07	0.73	54.0	10.93	AV	92.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.800	41.51	-19.97	74.0	32.49	Peak	79.00	400	Vertical	Pass
1**	1594.800	35.34	-19.97	54.0	18.66	AV	79.00	400	Vertical	Pass
2	2798.800	46.62	-12.74	74.0	27.38	Peak	175.00	300	Vertical	Pass
2**	2798.800	33.09	-12.74	54.0	20.91	AV	175.00	300	Vertical	Pass
3	3985.750	47.27	-7.85	74.0	26.73	Peak	36.00	150	Vertical	Pass
3**	3985.750	38.26	-7.85	54.0	15.74	AV	36.00	150	Vertical	Pass
4	5523.000	97.42	-5.20	--	--	Peak	279.00	400	Vertical	N/A
4**	5523.000	90.54	-5.20	--	--	AV	279.00	400	Vertical	N/A
5	7605.000	54.14	-0.66	74.0	19.86	Peak	0.00	150	Vertical	Pass
5**	7605.000	45.05	-0.66	54.0	8.95	AV	0.00	150	Vertical	Pass
6	12357.412	53.04	0.67	74.0	20.96	Peak	223.00	200	Vertical	Pass
6**	12357.412	43.83	0.67	54.0	10.17	AV	223.00	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	1594.300	40.12	-19.99	74.0	33.88	Peak	107.00	200	Horizontal	Pass
1**	1594.300	29.48	-19.99	54.0	24.52	AV	107.00	200	Horizontal	Pass
2	2858.800	43.34	-12.35	74.0	30.66	Peak	333.00	300	Horizontal	Pass
2**	2858.800	33.56	-12.35	54.0	20.44	AV	333.00	300	Horizontal	Pass
3	3993.750	46.86	-7.72	74.0	27.14	Peak	152.00	150	Horizontal	Pass
3**	3993.750	36.50	-7.72	54.0	17.50	AV	152.00	150	Horizontal	Pass
4	5604.750	93.69	-5.35	--	--	Peak	335.00	300	Horizontal	N/A
4**	5604.750	86.10	-5.35	--	--	AV	335.00	300	Horizontal	N/A
5	7586.250	53.38	-1.14	74.0	20.62	Peak	360.00	100	Horizontal	Pass
5**	7586.250	45.03	-1.14	54.0	8.97	AV	360.00	100	Horizontal	Pass
6	12328.674	52.82	0.70	74.0	21.18	Peak	233.00	200	Horizontal	Pass
6**	12328.674	43.54	0.70	54.0	10.46	AV	233.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.000	42.19	-20.05	74.0	31.81	Peak	76.00	100	Vertical	Pass
1**	1599.000	30.16	-20.05	54.0	23.84	AV	76.00	100	Vertical	Pass
2	2797.900	47.59	-12.72	74.0	26.41	Peak	175.00	400	Vertical	Pass
2**	2797.900	35.73	-12.72	54.0	18.27	AV	175.00	400	Vertical	Pass
3	3999.000	47.09	-7.73	74.0	26.91	Peak	203.00	200	Vertical	Pass
3**	3999.000	36.80	-7.73	54.0	17.20	AV	203.00	200	Vertical	Pass
4	5605.250	96.70	-5.33	--	--	Peak	282.00	100	Vertical	N/A
4**	5605.250	88.85	-5.33	--	--	AV	282.00	100	Vertical	N/A
5	7519.000	54.06	-1.18	74.0	19.94	Peak	150.00	100	Vertical	Pass
5**	7519.000	44.64	-1.18	54.0	9.36	AV	150.00	100	Vertical	Pass
6	12347.675	52.71	0.73	74.0	21.29	Peak	292.00	100	Vertical	Pass
6**	12347.675	43.81	0.73	54.0	10.19	AV	292.00	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	1595.400	40.34	-19.94	74.0	33.66	Peak	316.00	400	Horizontal	Pass
1**	1595.400	31.39	-19.94	54.0	22.61	AV	316.00	400	Horizontal	Pass
2	2797.800	44.28	-12.72	74.0	29.72	Peak	154.00	100	Horizontal	Pass
2**	2797.800	33.54	-12.72	54.0	20.46	AV	154.00	100	Horizontal	Pass
3	4359.750	47.27	-6.67	74.0	26.73	Peak	218.00	200	Horizontal	Pass
3**	4359.750	37.70	-6.67	54.0	16.30	AV	218.00	200	Horizontal	Pass
4	5655.000	95.12	-5.22	--	--	Peak	307.00	400	Horizontal	N/A
4**	5655.000	87.55	-5.22	--	--	AV	307.00	400	Horizontal	N/A
5	7590.500	53.78	-0.79	74.0	20.22	Peak	123.00	200	Horizontal	Pass
5**	7590.500	44.68	-0.79	54.0	9.32	AV	123.00	200	Horizontal	Pass
6	12542.662	52.55	1.45	74.0	21.45	Peak	258.00	200	Horizontal	Pass
6**	12542.662	43.09	1.45	54.0	10.91	AV	258.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.300	41.77	-20.04	74.0	32.23	Peak	89.00	200	Vertical	Pass
1**	1598.300	29.37	-20.04	54.0	24.63	AV	89.00	200	Vertical	Pass
2	2794.700	46.39	-12.56	74.0	27.61	Peak	112.00	400	Vertical	Pass
2**	2794.700	34.67	-12.56	54.0	19.33	AV	112.00	400	Vertical	Pass
3	3991.500	47.26	-7.78	74.0	26.74	Peak	161.00	100	Vertical	Pass
3**	3991.500	36.93	-7.78	54.0	17.07	AV	161.00	100	Vertical	Pass
4	5656.750	96.22	-5.23	--	--	Peak	273.00	200	Vertical	N/A
4**	5656.750	88.17	-5.23	--	--	AV	273.00	200	Vertical	N/A
5	7607.250	54.28	-0.83	74.0	19.72	Peak	40.00	200	Vertical	Pass
5**	7607.250	45.17	-0.83	54.0	8.83	AV	40.00	200	Vertical	Pass
6	12352.900	52.75	0.71	74.0	21.25	Peak	298.00	400	Vertical	Pass
6**	12352.900	43.59	0.71	54.0	10.41	AV	298.00	400	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	1595.500	40.34	-19.94	74.0	33.66	Peak	315.00	300	Horizontal	Pass
1**	1595.500	33.04	-19.94	54.0	20.96	AV	315.00	300	Horizontal	Pass
2	2725.800	43.05	-11.66	74.0	30.95	Peak	4.00	400	Horizontal	Pass
2**	2725.800	34.21	-11.66	54.0	19.79	AV	4.00	400	Horizontal	Pass
3	4332.000	47.45	-6.05	74.0	26.55	Peak	75.00	100	Horizontal	Pass
3**	4332.000	38.03	-6.05	54.0	15.97	AV	75.00	100	Horizontal	Pass
4	5503.750	96.77	-4.90	--	--	Peak	298.00	300	Horizontal	N/A
4**	5503.750	89.86	-4.90	--	--	AV	298.00	300	Horizontal	N/A
5	7549.000	53.57	-0.94	74.0	20.43	Peak	178.00	100	Horizontal	Pass
5**	7549.000	43.73	-0.94	54.0	10.27	AV	178.00	100	Horizontal	Pass
6	12530.312	52.92	1.18	74.0	21.08	Peak	257.00	300	Horizontal	Pass
6**	12530.312	43.51	1.18	54.0	10.49	AV	257.00	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	1595.600	41.93	-19.93	74.0	32.07	Peak	93.00	400	Vertical	Pass
1**	1595.600	35.03	-19.93	54.0	18.97	AV	93.00	400	Vertical	Pass
2	2793.200	46.05	-12.55	74.0	27.95	Peak	221.00	400	Vertical	Pass
2**	2793.200	33.71	-12.55	54.0	20.29	AV	221.00	400	Vertical	Pass
3	4316.250	46.86	-6.00	74.0	27.14	Peak	42.00	100	Vertical	Pass
3**	4316.250	38.40	-6.00	54.0	15.60	AV	42.00	100	Vertical	Pass
4	5507.250	99.19	-5.02	--	--	Peak	283.00	300	Vertical	N/A
4**	5507.250	91.29	-5.02	--	--	AV	283.00	300	Vertical	N/A
5	7590.250	54.13	-0.80	74.0	19.87	Peak	69.00	150	Vertical	Pass
5**	7590.250	44.36	-0.80	54.0	9.64	AV	69.00	150	Vertical	Pass
6	12347.675	53.00	0.73	74.0	21.00	Peak	47.00	300	Vertical	Pass
6**	12347.675	44.75	0.73	54.0	9.25	AV	47.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.000	40.31	-19.93	74.0	33.69	Peak	113.00	200	Horizontal	Pass
1**	1596.000	33.18	-19.93	54.0	20.82	AV	113.00	200	Horizontal	Pass
2	2798.100	44.27	-12.73	74.0	29.73	Peak	145.00	400	Horizontal	Pass
2**	2798.100	35.17	-12.73	54.0	18.83	AV	145.00	400	Horizontal	Pass
3	4352.750	46.97	-6.61	74.0	27.03	Peak	77.00	200	Horizontal	Pass
3**	4352.750	38.07	-6.61	54.0	15.93	AV	77.00	200	Horizontal	Pass
4	5574.750	95.69	-5.25	--	--	Peak	300.00	400	Horizontal	N/A
4**	5574.750	88.43	-5.25	--	--	AV	300.00	400	Horizontal	N/A
5	7533.250	53.97	-0.48	74.0	20.03	Peak	0.00	100	Horizontal	Pass
5**	7533.250	43.88	-0.48	54.0	10.12	AV	0.00	100	Horizontal	Pass
6	12538.625	52.40	1.36	74.0	21.60	Peak	360.00	100	Horizontal	Pass
6**	12538.625	45.08	1.36	54.0	8.92	AV	360.00	100	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	1596.000	43.07	-19.93	74.0	30.93	Peak	94.00	400	Vertical	Pass
1**	1596.000	29.94	-19.93	54.0	24.06	AV	94.00	400	Vertical	Pass
2	2795.800	45.96	-12.65	74.0	28.04	Peak	250.00	400	Vertical	Pass
2**	2795.800	33.44	-12.65	54.0	20.56	AV	250.00	400	Vertical	Pass
3	3994.000	48.47	-7.71	74.0	25.53	Peak	26.00	200	Vertical	Pass
3**	3994.000	36.92	-7.71	54.0	17.08	AV	26.00	200	Vertical	Pass
4	5575.250	98.47	-5.26	--	--	Peak	280.00	400	Vertical	N/A
4**	5575.250	91.23	-5.26	--	--	AV	280.00	400	Vertical	N/A
5	7544.750	54.67	-0.45	74.0	19.33	Peak	0.00	100	Vertical	Pass
5**	7544.750	45.52	-0.45	54.0	8.48	AV	0.00	100	Vertical	Pass
6	12328.200	51.99	0.70	74.0	22.01	Peak	255.00	100	Vertical	Pass
6**	12328.200	44.36	0.70	54.0	9.64	AV	255.00	100	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	1498.700	42.33	-19.52	74.0	31.67	Peak	151.00	400	Horizontal	Pass
1**	1498.700	27.73	-19.52	54.0	26.27	AV	151.00	400	Horizontal	Pass
2	2842.600	43.59	-12.42	74.0	30.41	Peak	210.00	100	Horizontal	Pass
2**	2842.600	33.81	-12.42	54.0	20.19	AV	210.00	100	Horizontal	Pass
3	4348.500	47.97	-6.54	74.0	26.03	Peak	6.00	100	Horizontal	Pass
3**	4348.500	38.02	-6.54	54.0	15.98	AV	6.00	100	Horizontal	Pass
4	5696.250	96.83	-5.13	--	--	Peak	337.00	200	Horizontal	N/A
4**	5696.250	88.87	-5.13	--	--	AV	337.00	200	Horizontal	N/A
5	7493.000	53.98	-0.42	74.0	20.02	Peak	59.00	200	Horizontal	Pass
5**	7493.000	45.26	-0.42	54.0	8.74	AV	59.00	200	Horizontal	Pass
6	12541.712	53.86	1.43	74.0	20.14	Peak	244.00	400	Horizontal	Pass
6**	12541.712	43.15	1.43	54.0	10.85	AV	244.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.800	41.89	-20.07	74.0	32.11	Peak	82.00	300	Vertical	Pass
1**	1599.800	35.74	-20.07	54.0	18.26	AV	82.00	300	Vertical	Pass
2	2793.700	47.94	-12.54	74.0	26.06	Peak	171.00	100	Vertical	Pass
2**	2793.700	37.14	-12.54	54.0	16.86	AV	171.00	100	Vertical	Pass
3	4323.750	47.10	-5.93	74.0	26.90	Peak	266.00	100	Vertical	Pass
3**	4323.750	39.53	-5.93	54.0	14.47	AV	266.00	100	Vertical	Pass
4	5703.250	98.13	-5.27	--	--	Peak	119.00	200	Vertical	N/A
4**	5703.250	90.27	-5.27	--	--	AV	119.00	200	Vertical	N/A
5	7508.000	54.56	-1.23	74.0	19.44	Peak	170.00	100	Vertical	Pass
5**	7508.000	45.65	-1.23	54.0	8.35	AV	170.00	100	Vertical	Pass
6	12332.951	53.81	0.71	74.0	20.19	Peak	125.00	400	Vertical	Pass
6**	12332.951	43.47	0.71	54.0	10.53	AV	125.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.400	41.03	-20.00	74.0	32.97	Peak	280.00	300	Horizontal	Pass
1**	1597.400	32.61	-20.00	54.0	21.39	AV	280.00	300	Horizontal	Pass
2	2869.300	43.31	-12.43	74.0	30.69	Peak	66.00	200	Horizontal	Pass
2**	2869.300	33.77	-12.43	54.0	20.23	AV	66.00	200	Horizontal	Pass
3	4341.000	48.12	-6.30	74.0	25.88	Peak	360.00	200	Horizontal	Pass
3**	4341.000	38.81	-6.30	54.0	15.19	AV	360.00	200	Horizontal	Pass
4	5499.500	94.17	-4.75	--	--	Peak	92.00	300	Horizontal	N/A
4**	5499.500	86.39	-4.75	--	--	AV	92.00	300	Horizontal	N/A
5	7492.500	54.84	-0.41	74.0	19.16	Peak	58.00	100	Horizontal	Pass
5**	7492.500	44.76	-0.41	54.0	9.24	AV	58.00	100	Horizontal	Pass
6	12332.474	53.65	0.71	74.0	20.35	Peak	207.00	300	Horizontal	Pass
6**	12332.474	43.83	0.71	54.0	10.17	AV	207.00	300	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	1595.900	42.37	-19.92	74.0	31.63	Peak	74.00	400	Vertical	Pass
1**	1595.900	29.72	-19.92	54.0	24.28	AV	74.00	400	Vertical	Pass
2	2794.000	45.91	-12.54	74.0	28.09	Peak	249.00	300	Vertical	Pass
2**	2794.000	36.31	-12.54	54.0	17.69	AV	249.00	300	Vertical	Pass
3	4338.250	47.54	-6.16	74.0	26.46	Peak	129.00	100	Vertical	Pass
3**	4338.250	38.90	-6.16	54.0	15.10	AV	129.00	100	Vertical	Pass
4	5516.750	96.96	-5.20	--	--	Peak	285.00	100	Vertical	N/A
4**	5516.750	89.28	-5.20	--	--	AV	285.00	100	Vertical	N/A
5	7490.250	54.51	-0.32	74.0	19.49	Peak	224.00	200	Vertical	Pass
5**	7490.250	45.37	-0.32	54.0	8.63	AV	224.00	200	Vertical	Pass
6	12299.463	52.36	0.65	74.0	21.64	Peak	293.00	200	Vertical	Pass
6**	12299.463	43.23	0.65	54.0	10.77	AV	293.00	200	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	1595.500	40.40	-19.94	74.0	33.60	Peak	321.00	100	Horizontal	Pass
1**	1595.500	29.71	-19.94	54.0	24.29	AV	321.00	100	Horizontal	Pass
2	2789.600	43.33	-12.64	74.0	30.67	Peak	251.00	300	Horizontal	Pass
2**	2789.600	33.69	-12.64	54.0	20.31	AV	251.00	300	Horizontal	Pass
3	3998.500	49.23	-7.74	74.0	24.77	Peak	147.00	100	Horizontal	Pass
3**	3998.500	41.93	-7.74	54.0	12.07	AV	147.00	100	Horizontal	Pass
4	5575.250	94.18	-5.26	--	--	Peak	303.00	400	Horizontal	N/A
4**	5575.250	88.04	-5.26	--	--	AV	303.00	400	Horizontal	N/A
5	7500.250	54.76	-0.75	74.0	19.24	Peak	250.00	200	Horizontal	Pass
5**	7500.250	45.03	-0.75	54.0	8.97	AV	250.00	200	Horizontal	Pass
6	12335.088	52.39	0.71	74.0	21.61	Peak	341.00	200	Horizontal	Pass
6**	12335.088	43.57	0.71	54.0	10.43	AV	341.00	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	1595.900	41.22	-19.92	74.0	32.78	Peak	95.00	300	Vertical	Pass
1**	1595.900	32.61	-19.92	54.0	21.39	AV	95.00	300	Vertical	Pass
2	2791.000	46.58	-12.58	74.0	27.42	Peak	147.00	200	Vertical	Pass
2**	2791.000	36.73	-12.58	54.0	17.27	AV	147.00	200	Vertical	Pass
3	3990.500	47.60	-7.80	74.0	26.40	Peak	206.00	100	Vertical	Pass
3**	3990.500	37.55	-7.80	54.0	16.45	AV	206.00	100	Vertical	Pass
4	5592.250	96.60	-5.27	--	--	Peak	287.00	200	Vertical	N/A
4**	5592.250	89.09	-5.27	--	--	AV	287.00	200	Vertical	N/A
5	7495.750	54.68	-0.47	74.0	19.32	Peak	360.00	150	Vertical	Pass
5**	7495.750	44.96	-0.47	54.0	9.04	AV	360.00	150	Vertical	Pass
6	12320.838	52.36	0.69	74.0	21.64	Peak	69.00	100	Vertical	Pass
6**	12320.838	43.08	0.69	54.0	10.92	AV	69.00	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	1596.300	40.76	-19.94	74.0	33.24	Peak	126.00	400	Horizontal	Pass
1**	1596.300	33.50	-19.94	54.0	20.50	AV	126.00	400	Horizontal	Pass
2	2885.900	43.42	-12.21	74.0	30.58	Peak	179.00	200	Horizontal	Pass
2**	2885.900	35.04	-12.21	54.0	18.96	AV	179.00	200	Horizontal	Pass
3	4326.500	47.94	-5.95	74.0	26.06	Peak	113.00	200	Horizontal	Pass
3**	4326.500	38.17	-5.95	54.0	15.83	AV	113.00	200	Horizontal	Pass
4	5653.750	94.27	-5.22	--	--	Peak	342.00	200	Horizontal	N/A
4**	5653.750	86.25	-5.22	--	--	AV	342.00	200	Horizontal	N/A
5	7491.000	54.33	-0.34	74.0	19.67	Peak	42.00	100	Horizontal	Pass
5**	7491.000	45.03	-0.34	54.0	8.97	AV	42.00	100	Horizontal	Pass
6	12340.076	52.91	0.72	74.0	21.09	Peak	171.00	400	Horizontal	Pass
6**	12340.076	43.24	0.72	54.0	10.76	AV	171.00	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	1599.200	43.37	-20.06	74.0	30.63	Peak	89.00	200	Vertical	Pass
1**	1599.200	29.56	-20.06	54.0	24.44	AV	89.00	200	Vertical	Pass
2	2795.400	46.70	-12.62	74.0	27.30	Peak	141.00	100	Vertical	Pass
2**	2795.400	37.17	-12.62	54.0	16.83	AV	141.00	100	Vertical	Pass
3	4343.500	47.56	-6.25	74.0	26.44	Peak	262.00	100	Vertical	Pass
3**	4343.500	38.04	-6.25	54.0	15.96	AV	262.00	100	Vertical	Pass
4	5657.500	95.98	-5.22	--	--	Peak	280.00	100	Vertical	N/A
4**	5657.500	88.81	-5.22	--	--	AV	280.00	100	Vertical	N/A
5	7607.000	54.30	-0.81	74.0	19.70	Peak	157.00	100	Vertical	Pass
5**	7607.000	44.64	-0.81	54.0	9.36	AV	157.00	100	Vertical	Pass
6	12303.025	52.77	0.66	74.0	21.23	Peak	269.00	300	Vertical	Pass
6**	12303.025	43.59	0.66	54.0	10.41	AV	269.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.500	40.65	-20.04	74.0	33.35	Peak	126.00	200	Horizontal	Pass
1**	1598.500	29.10	-20.04	54.0	24.90	AV	126.00	200	Horizontal	Pass
2	2802.500	43.55	-12.92	74.0	30.45	Peak	292.00	100	Horizontal	Pass
2**	2802.500	33.78	-12.92	54.0	20.22	AV	292.00	100	Horizontal	Pass
3	3989.000	48.48	-7.86	74.0	25.52	Peak	154.00	200	Horizontal	Pass
3**	3989.000	36.27	-7.86	54.0	17.73	AV	154.00	200	Horizontal	Pass
4	5511.000	92.68	-5.18	--	--	Peak	304.00	200	Horizontal	N/A
4**	5511.000	85.41	-5.18	--	--	AV	304.00	200	Horizontal	N/A
5	7543.250	54.16	-0.31	74.0	19.84	Peak	241.00	150	Horizontal	Pass
5**	7543.250	45.55	-0.31	54.0	8.45	AV	241.00	150	Horizontal	Pass
6	12328.200	52.50	0.70	74.0	21.50	Peak	188.00	300	Horizontal	Pass
6**	12328.200	43.31	0.70	54.0	10.69	AV	188.00	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	1596.600	41.88	-19.96	74.0	32.12	Peak	85.00	300	Vertical	Pass
1**	1596.600	32.13	-19.96	54.0	21.87	AV	85.00	300	Vertical	Pass
2	2789.800	45.65	-12.62	74.0	28.35	Peak	272.00	200	Vertical	Pass
2**	2789.800	37.59	-12.62	54.0	16.41	AV	272.00	200	Vertical	Pass
3	4345.750	47.29	-6.47	74.0	26.71	Peak	354.00	150	Vertical	Pass
3**	4345.750	37.66	-6.47	54.0	16.34	AV	354.00	150	Vertical	Pass
4	5556.750	95.51	-5.17	--	--	Peak	275.00	300	Vertical	N/A
4**	5556.750	87.54	-5.17	--	--	AV	275.00	300	Vertical	N/A
5	7496.000	54.15	-0.49	74.0	19.85	Peak	0.00	200	Vertical	Pass
5**	7496.000	45.99	-0.49	54.0	8.01	AV	0.00	200	Vertical	Pass
6	12345.300	53.19	0.73	74.0	20.81	Peak	107.00	200	Vertical	Pass
6**	12345.300	44.35	0.73	54.0	9.65	AV	107.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.400	41.08	-19.86	74.0	32.92	Peak	118.00	150	Horizontal	Pass
1**	1613.400	29.29	-19.86	54.0	24.71	AV	118.00	150	Horizontal	Pass
2	2790.100	45.46	-12.60	74.0	28.54	Peak	319.00	400	Horizontal	Pass
2**	2790.100	34.61	-12.60	54.0	19.39	AV	319.00	400	Horizontal	Pass
3	4115.000	47.22	-7.20	74.0	26.78	Peak	171.00	100	Horizontal	Pass
3**	4115.000	36.98	-7.20	54.0	17.02	AV	171.00	100	Horizontal	Pass
4	5582.500	91.92	-5.20	--	--	Peak	303.00	200	Horizontal	N/A
4**	5582.500	84.23	-5.20	--	--	AV	303.00	200	Horizontal	N/A
5	7599.250	54.09	-0.35	74.0	19.91	Peak	163.00	150	Horizontal	Pass
5**	7599.250	45.68	-0.35	54.0	8.32	AV	163.00	150	Horizontal	Pass
6	12344.825	52.96	0.73	74.0	21.04	Peak	125.00	300	Horizontal	Pass
6**	12344.825	43.86	0.73	54.0	10.14	AV	125.00	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	1597.400	43.64	-20.00	74.0	30.36	Peak	90.00	100	Vertical	Pass
1**	1597.400	31.41	-20.00	54.0	22.59	AV	90.00	100	Vertical	Pass
2	2791.600	47.91	-12.57	74.0	26.09	Peak	242.00	100	Vertical	Pass
2**	2791.600	38.76	-12.57	54.0	15.24	AV	242.00	100	Vertical	Pass
3	4330.000	48.08	-5.97	74.0	25.92	Peak	46.00	200	Vertical	Pass
3**	4330.000	38.47	-5.97	54.0	15.53	AV	46.00	200	Vertical	Pass
4	5583.500	94.30	-5.21	--	--	Peak	289.00	400	Vertical	N/A
4**	5583.500	86.48	-5.21	--	--	AV	289.00	400	Vertical	N/A
5	7593.250	54.47	-0.58	74.0	19.53	Peak	16.00	200	Vertical	Pass
5**	7593.250	44.55	-0.58	54.0	9.45	AV	16.00	200	Vertical	Pass
6	12362.637	52.41	0.63	74.0	21.59	Peak	340.00	200	Vertical	Pass
6**	12362.637	43.31	0.63	54.0	10.69	AV	340.00	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	1594.000	39.36	-20.00	74.0	34.64	Peak	86.00	400	Horizontal	Pass
1**	1594.000	28.38	-20.00	54.0	25.62	AV	86.00	400	Horizontal	Pass
2	2798.000	44.71	-12.73	74.0	29.29	Peak	33.00	300	Horizontal	Pass
2**	2798.000	33.66	-12.73	54.0	20.34	AV	33.00	300	Horizontal	Pass
3	4281.000	46.88	-6.96	74.0	27.12	Peak	248.00	150	Horizontal	Pass
3**	4281.000	36.83	-6.96	54.0	17.17	AV	248.00	150	Horizontal	Pass
4	5739.250	98.27	-5.34	--	--	Peak	312.00	400	Horizontal	N/A
4**	5739.250	91.10	-5.34	--	--	AV	312.00	400	Horizontal	N/A
5	7588.250	54.27	-0.92	74.0	19.73	Peak	360.00	200	Horizontal	Pass
5**	7588.250	44.77	-0.92	54.0	9.23	AV	360.00	200	Horizontal	Pass
6	12350.287	52.01	0.73	74.0	21.99	Peak	251.00	200	Horizontal	Pass
6**	12350.287	43.34	0.73	54.0	10.66	AV	251.00	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	1595.600	42.64	-19.93	74.0	31.36	Peak	90.00	300	Vertical	Pass
1**	1595.600	36.24	-19.93	54.0	17.76	AV	90.00	300	Vertical	Pass
2	2792.200	47.18	-12.56	74.0	26.82	Peak	239.00	400	Vertical	Pass
2**	2792.200	37.05	-12.56	54.0	16.95	AV	239.00	400	Vertical	Pass
3	4348.250	47.67	-6.52	74.0	26.33	Peak	13.00	200	Vertical	Pass
3**	4348.250	38.55	-6.52	54.0	15.45	AV	13.00	200	Vertical	Pass
4	5739.250	99.57	-5.34	--	--	Peak	273.00	400	Vertical	N/A
4**	5739.250	92.34	-5.34	--	--	AV	273.00	400	Vertical	N/A
5	7501.500	54.11	-0.82	74.0	19.89	Peak	317.00	100	Vertical	Pass
5**	7501.500	45.38	-0.82	54.0	8.62	AV	317.00	100	Vertical	Pass
6	12670.675	52.81	0.64	74.0	21.19	Peak	12.00	100	Vertical	Pass
6**	12670.675	43.03	0.64	54.0	10.97	AV	12.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.300	40.98	-19.50	74.0	33.02	Peak	358.00	400	Horizontal	Pass
1**	1496.300	28.92	-19.50	54.0	25.08	AV	358.00	400	Horizontal	Pass
2	2790.600	43.35	-12.59	74.0	30.65	Peak	230.00	150	Horizontal	Pass
2**	2790.600	34.44	-12.59	54.0	19.56	AV	230.00	150	Horizontal	Pass
3	3987.500	48.11	-7.84	74.0	25.89	Peak	148.00	100	Horizontal	Pass
3**	3987.500	36.62	-7.84	54.0	17.38	AV	148.00	100	Horizontal	Pass
4	5781.500	97.47	-4.68	--	--	Peak	312.00	300	Horizontal	N/A
4**	5781.500	89.77	-4.68	--	--	AV	312.00	300	Horizontal	N/A
5	7511.250	54.04	-1.32	74.0	19.96	Peak	234.00	200	Horizontal	Pass
5**	7511.250	45.48	-1.32	54.0	8.52	AV	234.00	200	Horizontal	Pass
6	12351.237	52.94	0.73	74.0	21.06	Peak	168.00	300	Horizontal	Pass
6**	12351.237	43.80	0.73	54.0	10.20	AV	168.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.400	42.22	-20.06	74.0	31.78	Peak	83.00	200	Vertical	Pass
1**	1599.400	35.76	-20.06	54.0	18.24	AV	83.00	200	Vertical	Pass
2	2791.800	47.03	-12.57	74.0	26.97	Peak	247.00	200	Vertical	Pass
2**	2791.800	35.90	-12.57	54.0	18.10	AV	247.00	200	Vertical	Pass
3	3986.250	47.77	-7.83	74.0	26.23	Peak	164.00	150	Vertical	Pass
3**	3986.250	38.48	-7.83	54.0	15.52	AV	164.00	150	Vertical	Pass
4	5790.000	99.09	-4.73	--	--	Peak	281.00	400	Vertical	N/A
4**	5790.000	91.73	-4.73	--	--	AV	281.00	400	Vertical	N/A
5	7540.000	53.99	-0.21	74.0	20.01	Peak	164.00	100	Vertical	Pass
5**	7540.000	45.48	-0.21	54.0	8.52	AV	164.00	100	Vertical	Pass
6	12360.500	52.59	0.65	74.0	21.41	Peak	324.00	300	Vertical	Pass
6**	12360.500	43.39	0.65	54.0	10.61	AV	324.00	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	1598.800	40.48	-20.05	74.0	33.52	Peak	312.00	400	Horizontal	Pass
1**	1598.800	32.00	-20.05	54.0	22.00	AV	312.00	400	Horizontal	Pass
2	2868.500	43.52	-12.43	74.0	30.48	Peak	57.00	400	Horizontal	Pass
2**	2868.500	34.18	-12.43	54.0	19.82	AV	57.00	400	Horizontal	Pass
3	4334.750	47.18	-6.14	74.0	26.82	Peak	229.00	150	Horizontal	Pass
3**	4334.750	37.95	-6.14	54.0	16.05	AV	229.00	150	Horizontal	Pass
4	5819.750	98.00	-4.75	--	--	Peak	16.00	300	Horizontal	N/A
4**	5819.750	90.92	-4.75	--	--	AV	16.00	300	Horizontal	N/A
5	7535.250	54.17	-0.43	74.0	19.83	Peak	143.00	150	Horizontal	Pass
5**	7535.250	45.00	-0.43	54.0	9.00	AV	143.00	150	Horizontal	Pass
6	12343.400	52.31	0.73	74.0	21.69	Peak	172.00	400	Horizontal	Pass
6**	12343.400	43.50	0.73	54.0	10.50	AV	172.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.600	42.71	-20.01	74.0	31.29	Peak	96.00	200	Vertical	Pass
1**	1597.600	33.29	-20.01	54.0	20.71	AV	96.00	200	Vertical	Pass
2	2793.900	47.29	-12.54	74.0	26.71	Peak	143.00	200	Vertical	Pass
2**	2793.900	34.26	-12.54	54.0	19.74	AV	143.00	200	Vertical	Pass
3	4323.500	47.32	-5.92	74.0	26.68	Peak	154.00	200	Vertical	Pass
3**	4323.500	39.08	-5.92	54.0	14.92	AV	154.00	200	Vertical	Pass
4	5831.500	99.47	-4.70	--	--	Peak	277.00	100	Vertical	N/A
4**	5831.500	92.97	-4.70	--	--	AV	277.00	100	Vertical	N/A
5	7602.250	53.79	-0.47	74.0	20.21	Peak	360.00	150	Vertical	Pass
5**	7602.250	45.34	-0.47	54.0	8.66	AV	360.00	150	Vertical	Pass
6	12553.588	52.52	1.58	74.0	21.48	Peak	198.00	400	Vertical	Pass
6**	12553.588	42.20	1.58	54.0	11.80	AV	198.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.600	43.50	-19.48	74.0	30.50	Peak	246.00	300	Horizontal	Pass
1**	1500.600	28.03	-19.48	54.0	25.97	AV	246.00	300	Horizontal	Pass
2	2796.200	43.97	-12.68	74.0	30.03	Peak	313.00	200	Horizontal	Pass
2**	2796.200	33.37	-12.68	54.0	20.63	AV	313.00	200	Horizontal	Pass
3	4338.500	47.31	-6.17	74.0	26.69	Peak	76.00	150	Horizontal	Pass
3**	4338.500	37.94	-6.17	54.0	16.06	AV	76.00	150	Horizontal	Pass
4	5739.750	97.40	-5.33	--	--	Peak	308.00	200	Horizontal	N/A
4**	5739.750	90.01	-5.33	--	--	AV	308.00	200	Horizontal	N/A
5	7544.000	54.28	-0.36	74.0	19.72	Peak	0.00	150	Horizontal	Pass
5**	7544.000	44.80	-0.36	54.0	9.20	AV	0.00	150	Horizontal	Pass
6	12530.550	52.51	1.18	74.0	21.49	Peak	208.00	300	Horizontal	Pass
6**	12530.550	43.60	1.18	54.0	10.40	AV	208.00	300	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	1595.400	42.58	-19.94	74.0	31.42	Peak	94.00	400	Vertical	Pass
1**	1595.400	34.54	-19.94	54.0	19.46	AV	94.00	400	Vertical	Pass
2	2793.100	46.96	-12.55	74.0	27.04	Peak	180.00	400	Vertical	Pass
2**	2793.100	36.97	-12.55	54.0	17.03	AV	180.00	400	Vertical	Pass
3	3989.750	48.43	-7.83	74.0	25.57	Peak	107.00	200	Vertical	Pass
3**	3989.750	38.04	-7.83	54.0	15.96	AV	107.00	200	Vertical	Pass
4	5738.000	97.91	-5.38	--	--	Peak	275.00	100	Vertical	N/A
4**	5738.000	90.83	-5.38	--	--	AV	275.00	100	Vertical	N/A
5	7701.250	54.45	-1.46	74.0	19.55	Peak	161.00	100	Vertical	Pass
5**	7701.250	44.38	-1.46	54.0	9.62	AV	161.00	100	Vertical	Pass
6	12352.663	52.35	0.71	74.0	21.65	Peak	360.00	300	Vertical	Pass
6**	12352.663	43.83	0.71	54.0	10.17	AV	360.00	300	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	1594.200	40.26	-19.99	74.0	33.74	Peak	121.00	200	Horizontal	Pass
1**	1594.200	30.32	-19.99	54.0	23.68	AV	121.00	200	Horizontal	Pass
2	2790.100	44.55	-12.60	74.0	29.45	Peak	167.00	300	Horizontal	Pass
2**	2790.100	34.27	-12.60	54.0	19.73	AV	167.00	300	Horizontal	Pass
3	3990.000	47.77	-7.82	74.0	26.23	Peak	126.00	100	Horizontal	Pass
3**	3990.000	37.33	-7.82	54.0	16.67	AV	126.00	100	Horizontal	Pass
4	5791.250	96.50	-4.73	--	--	Peak	338.00	400	Horizontal	N/A
4**	5791.250	89.30	-4.73	--	--	AV	338.00	400	Horizontal	N/A
5	7533.500	53.93	-0.47	74.0	20.07	Peak	206.00	100	Horizontal	Pass
5**	7533.500	45.37	-0.47	54.0	8.63	AV	206.00	100	Horizontal	Pass
6	12351.950	53.63	0.72	74.0	20.37	Peak	177.00	300	Horizontal	Pass
6**	12351.950	43.14	0.72	54.0	10.86	AV	177.00	300	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	1595.900	41.54	-19.92	74.0	32.46	Peak	95.00	200	Vertical	Pass
1**	1595.900	34.93	-19.92	54.0	19.07	AV	95.00	200	Vertical	Pass
2	2794.700	46.25	-12.56	74.0	27.75	Peak	153.00	300	Vertical	Pass
2**	2794.700	33.51	-12.56	54.0	20.49	AV	153.00	300	Vertical	Pass
3	4353.500	47.90	-6.60	74.0	26.10	Peak	93.00	100	Vertical	Pass
3**	4353.500	39.22	-6.60	54.0	14.78	AV	93.00	100	Vertical	Pass
4	5791.000	97.82	-4.73	--	--	Peak	276.00	400	Vertical	N/A
4**	5791.000	90.25	-4.73	--	--	AV	276.00	400	Vertical	N/A
5	7593.750	53.99	-0.55	74.0	20.01	Peak	102.00	200	Vertical	Pass
5**	7593.750	44.60	-0.55	54.0	9.40	AV	102.00	200	Vertical	Pass
6	12357.888	52.51	0.67	74.0	21.49	Peak	113.00	400	Vertical	Pass
6**	12357.888	43.23	0.67	54.0	10.77	AV	113.00	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	1594.900	40.65	-19.96	74.0	33.35	Peak	117.00	100	Horizontal	Pass
1**	1594.900	28.61	-19.96	54.0	25.39	AV	117.00	100	Horizontal	Pass
2	2798.500	43.77	-12.73	74.0	30.23	Peak	169.00	200	Horizontal	Pass
2**	2798.500	34.08	-12.73	54.0	19.92	AV	169.00	200	Horizontal	Pass
3	3995.250	48.48	-7.69	74.0	25.52	Peak	156.00	100	Horizontal	Pass
3**	3995.250	36.96	-7.69	54.0	17.04	AV	156.00	100	Horizontal	Pass
4	5831.250	97.45	-4.70	--	--	Peak	22.00	400	Horizontal	N/A
4**	5831.250	89.59	-4.70	--	--	AV	22.00	400	Horizontal	N/A
5	7579.750	54.24	-1.43	74.0	19.76	Peak	190.00	100	Horizontal	Pass
5**	7579.750	44.64	-1.43	54.0	9.36	AV	190.00	100	Horizontal	Pass
6	12635.288	52.22	0.85	74.0	21.78	Peak	162.00	200	Horizontal	Pass
6**	12635.288	43.61	0.85	54.0	10.39	AV	162.00	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	1594.700	42.81	-19.97	74.0	31.19	Peak	81.00	100	Vertical	Pass
1**	1594.700	31.43	-19.97	54.0	22.57	AV	81.00	100	Vertical	Pass
2	2790.900	45.92	-12.59	74.0	28.08	Peak	178.00	200	Vertical	Pass
2**	2790.900	35.93	-12.59	54.0	18.07	AV	178.00	200	Vertical	Pass
3	3992.000	48.85	-7.76	74.0	25.15	Peak	207.00	150	Vertical	Pass
3**	3992.000	36.97	-7.76	54.0	17.03	AV	207.00	150	Vertical	Pass
4	5830.000	98.70	-4.71	--	--	Peak	269.00	400	Vertical	N/A
4**	5830.000	90.62	-4.71	--	--	AV	269.00	400	Vertical	N/A
5	7536.500	54.23	-0.32	74.0	19.77	Peak	339.00	150	Vertical	Pass
5**	7536.500	44.90	-0.32	54.0	9.10	AV	339.00	150	Vertical	Pass
6	12545.988	53.15	1.52	74.0	20.85	Peak	36.00	300	Vertical	Pass
6**	12545.988	42.72	1.52	54.0	11.28	AV	36.00	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	1595.800	41.02	-19.93	74.0	32.98	Peak	318.00	300	Horizontal	Pass
1**	1595.800	30.18	-19.93	54.0	23.82	AV	318.00	300	Horizontal	Pass
2	2790.800	43.11	-12.59	74.0	30.89	Peak	197.00	200	Horizontal	Pass
2**	2790.800	33.43	-12.59	54.0	20.57	AV	197.00	200	Horizontal	Pass
3	4378.000	47.03	-7.24	74.0	26.97	Peak	204.00	100	Horizontal	Pass
3**	4378.000	37.86	-7.24	54.0	16.14	AV	204.00	100	Horizontal	Pass
4	5750.500	95.90	-5.24	--	--	Peak	334.00	400	Horizontal	N/A
4**	5750.500	87.88	-5.24	--	--	AV	334.00	400	Horizontal	N/A
5	7546.750	53.91	-0.65	74.0	20.09	Peak	360.00	150	Horizontal	Pass
5**	7546.750	45.06	-0.65	54.0	8.94	AV	360.00	150	Horizontal	Pass
6	12358.125	52.45	0.67	74.0	21.55	Peak	0.00	300	Horizontal	Pass
6**	12358.125	43.72	0.67	54.0	10.28	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.300	42.01	-19.99	74.0	31.99	Peak	100.00	300	Vertical	Pass
1**	1594.300	28.20	-19.99	54.0	25.80	AV	100.00	300	Vertical	Pass
2	2798.200	46.65	-12.73	74.0	27.35	Peak	177.00	100	Vertical	Pass
2**	2798.200	33.83	-12.73	54.0	20.17	AV	177.00	100	Vertical	Pass
3	3999.250	47.46	-7.72	74.0	26.54	Peak	156.00	100	Vertical	Pass
3**	3999.250	37.01	-7.72	54.0	16.99	AV	156.00	100	Vertical	Pass
4	5751.250	96.77	-5.25	--	--	Peak	278.00	400	Vertical	N/A
4**	5751.250	88.94	-5.25	--	--	AV	278.00	400	Vertical	N/A
5	7537.500	54.03	-0.25	74.0	19.97	Peak	102.00	150	Vertical	Pass
5**	7537.500	45.34	-0.25	54.0	8.66	AV	102.00	150	Vertical	Pass
6	12340.787	52.82	0.72	74.0	21.18	Peak	159.00	300	Vertical	Pass
6**	12340.787	43.67	0.72	54.0	10.33	AV	159.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.000	40.39	-19.96	74.0	33.61	Peak	313.00	200	Horizontal	Pass
1**	1595.000	29.65	-19.96	54.0	24.35	AV	313.00	200	Horizontal	Pass
2	2889.200	43.68	-12.15	74.0	30.32	Peak	107.00	100	Horizontal	Pass
2**	2889.200	33.98	-12.15	54.0	20.02	AV	107.00	100	Horizontal	Pass
3	4349.000	48.29	-6.56	74.0	25.71	Peak	251.00	100	Horizontal	Pass
3**	4349.000	38.23	-6.56	54.0	15.77	AV	251.00	100	Horizontal	Pass
4	5796.500	96.05	-4.66	--	--	Peak	312.00	100	Horizontal	N/A
4**	5796.500	88.48	-4.66	--	--	AV	312.00	100	Horizontal	N/A
5	7487.750	53.95	-0.35	74.0	20.05	Peak	6.00	200	Horizontal	Pass
5**	7487.750	45.05	-0.35	54.0	8.95	AV	6.00	200	Horizontal	Pass
6	12511.075	52.39	0.75	74.0	21.61	Peak	248.00	400	Horizontal	Pass
6**	12511.075	42.83	0.75	54.0	11.17	AV	248.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.900	40.91	-19.97	74.0	33.09	Peak	85.00	400	Vertical	Pass
1**	1596.900	33.54	-19.97	54.0	20.46	AV	85.00	400	Vertical	Pass
2	2790.200	48.02	-12.60	74.0	25.98	Peak	176.00	200	Vertical	Pass
2**	2790.200	40.25	-12.60	54.0	13.75	AV	176.00	200	Vertical	Pass
3	4333.250	47.74	-6.10	74.0	26.26	Peak	25.00	100	Vertical	Pass
3**	4333.250	37.65	-6.10	54.0	16.35	AV	25.00	100	Vertical	Pass
4	5791.250	96.57	-4.73	--	--	Peak	273.00	200	Vertical	N/A
4**	5791.250	89.10	-4.73	--	--	AV	273.00	200	Vertical	N/A
5	7495.000	53.62	-0.41	74.0	20.38	Peak	64.00	150	Vertical	Pass
5**	7495.000	45.30	-0.41	54.0	8.70	AV	64.00	150	Vertical	Pass
6	12348.151	52.83	0.73	74.0	21.17	Peak	103.00	100	Vertical	Pass
6**	12348.151	43.05	0.73	54.0	10.95	AV	103.00	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	1496.800	41.14	-19.51	74.0	32.86	Peak	242.00	400	Horizontal	Pass
1**	1496.800	27.43	-19.51	54.0	26.57	AV	242.00	400	Horizontal	Pass
2	2848.000	43.07	-12.22	74.0	30.93	Peak	0.00	400	Horizontal	Pass
2**	2848.000	33.50	-12.22	54.0	20.50	AV	0.00	400	Horizontal	Pass
3	4361.250	47.28	-6.70	74.0	26.72	Peak	144.00	200	Horizontal	Pass
3**	4361.250	37.73	-6.70	54.0	16.27	AV	144.00	200	Horizontal	Pass
4	5739.250	96.06	-5.34	--	--	Peak	335.00	400	Horizontal	N/A
4**	5739.250	89.33	-5.34	--	--	AV	335.00	400	Horizontal	N/A
5	7495.000	54.70	-0.41	74.0	19.30	Peak	127.00	200	Horizontal	Pass
5**	7495.000	45.62	-0.41	54.0	8.38	AV	127.00	200	Horizontal	Pass
6	12332.474	53.59	0.71	74.0	20.41	Peak	337.00	400	Horizontal	Pass
6**	12332.474	43.15	0.71	54.0	10.85	AV	337.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.700	42.37	-19.96	74.0	31.63	Peak	89.00	200	Vertical	Pass
1**	1596.700	33.57	-19.96	54.0	20.43	AV	89.00	200	Vertical	Pass
2	2791.100	46.24	-12.58	74.0	27.76	Peak	147.00	400	Vertical	Pass
2**	2791.100	36.96	-12.58	54.0	17.04	AV	147.00	400	Vertical	Pass
3	4353.000	47.76	-6.61	74.0	26.24	Peak	262.00	200	Vertical	Pass
3**	4353.000	38.36	-6.61	54.0	15.64	AV	262.00	200	Vertical	Pass
4	5740.750	97.00	-5.32	--	--	Peak	280.00	100	Vertical	N/A
4**	5740.750	89.13	-5.32	--	--	AV	280.00	100	Vertical	N/A
5	7595.750	54.15	-0.47	74.0	19.85	Peak	271.00	100	Vertical	Pass
5**	7595.750	44.23	-0.47	54.0	9.77	AV	271.00	100	Vertical	Pass
6	12449.087	52.53	0.88	74.0	21.47	Peak	99.00	400	Vertical	Pass
6**	12449.087	42.55	0.88	54.0	11.45	AV	99.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	42.20	-19.48	74.0	31.80	Peak	0.00	200	Horizontal	Pass
1**	1500.000	28.08	-19.48	54.0	25.92	AV	0.00	200	Horizontal	Pass
2	2794.200	43.34	-12.53	74.0	30.66	Peak	14.00	200	Horizontal	Pass
2**	2794.200	34.06	-12.53	54.0	19.94	AV	14.00	200	Horizontal	Pass
3	4337.250	48.16	-6.09	74.0	25.84	Peak	317.00	100	Horizontal	Pass
3**	4337.250	38.59	-6.09	54.0	15.41	AV	317.00	100	Horizontal	Pass
4	5792.250	95.45	-4.74	--	--	Peak	308.00	200	Horizontal	N/A
4**	5792.250	87.97	-4.74	--	--	AV	308.00	200	Horizontal	N/A
5	7594.000	54.50	-0.53	74.0	19.50	Peak	326.00	100	Horizontal	Pass
5**	7594.000	45.47	-0.53	54.0	8.53	AV	326.00	100	Horizontal	Pass
6	12360.500	53.06	0.65	74.0	20.94	Peak	244.00	300	Horizontal	Pass
6**	12360.500	43.86	0.65	54.0	10.14	AV	244.00	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	1596.800	42.53	-19.97	74.0	31.47	Peak	104.00	300	Vertical	Pass
1**	1596.800	34.93	-19.97	54.0	19.07	AV	104.00	300	Vertical	Pass
2	2798.000	46.21	-12.73	74.0	27.79	Peak	162.00	200	Vertical	Pass
2**	2798.000	36.68	-12.73	54.0	17.32	AV	162.00	200	Vertical	Pass
3	4338.500	47.66	-6.17	74.0	26.34	Peak	127.00	150	Vertical	Pass
3**	4338.500	38.82	-6.17	54.0	15.18	AV	127.00	150	Vertical	Pass
4	5790.500	96.89	-4.73	--	--	Peak	275.00	200	Vertical	N/A
4**	5790.500	88.81	-4.73	--	--	AV	275.00	200	Vertical	N/A
5	7489.250	54.20	-0.33	74.0	19.80	Peak	360.00	200	Vertical	Pass
5**	7489.250	45.00	-0.33	54.0	9.00	AV	360.00	200	Vertical	Pass
6	12355.276	52.73	0.69	74.0	21.27	Peak	291.00	300	Vertical	Pass
6**	12355.276	44.16	0.69	54.0	9.84	AV	291.00	300	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	1498.100	41.64	-19.53	74.0	32.36	Peak	131.00	300	Horizontal	Pass
1**	1498.100	31.28	-19.53	54.0	22.72	AV	131.00	300	Horizontal	Pass
2	2798.100	43.75	-12.73	74.0	30.25	Peak	203.00	400	Horizontal	Pass
2**	2798.100	34.91	-12.73	54.0	19.09	AV	203.00	400	Horizontal	Pass
3	4328.750	47.41	-5.94	74.0	26.59	Peak	0.00	200	Horizontal	Pass
3**	4328.750	37.58	-5.94	54.0	16.42	AV	0.00	200	Horizontal	Pass
4	5831.250	96.17	-4.70	--	--	Peak	15.00	200	Horizontal	N/A
4**	5831.250	88.86	-4.70	--	--	AV	15.00	200	Horizontal	N/A
5	7358.000	53.92	-1.85	74.0	20.08	Peak	148.00	200	Horizontal	Pass
5**	7358.000	44.74	-1.85	54.0	9.26	AV	148.00	200	Horizontal	Pass
6	12458.825	52.72	0.82	74.0	21.28	Peak	300.00	200	Horizontal	Pass
6**	12458.825	41.81	0.82	54.0	12.19	AV	300.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.900	43.94	-19.92	74.0	30.06	Peak	84.00	200	Vertical	Pass
1**	1595.900	29.08	-19.92	54.0	24.92	AV	84.00	200	Vertical	Pass
2	2793.100	47.32	-12.55	74.0	26.68	Peak	132.00	300	Vertical	Pass
2**	2793.100	34.01	-12.55	54.0	19.99	AV	132.00	300	Vertical	Pass
3	4335.000	47.08	-6.14	74.0	26.92	Peak	255.00	150	Vertical	Pass
3**	4335.000	37.56	-6.14	54.0	16.44	AV	255.00	150	Vertical	Pass
4	5829.000	97.25	-4.72	--	--	Peak	272.00	200	Vertical	N/A
4**	5829.000	89.39	-4.72	--	--	AV	272.00	200	Vertical	N/A
5	7496.750	53.92	-0.55	74.0	20.08	Peak	64.00	100	Vertical	Pass
5**	7496.750	45.06	-0.55	54.0	8.94	AV	64.00	100	Vertical	Pass
6	12388.287	52.17	0.41	74.0	21.83	Peak	0.00	200	Vertical	Pass
6**	12388.287	42.78	0.41	54.0	11.22	AV	0.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.400	39.38	-20.04	74.0	34.62	Peak	291.00	100	Horizontal	Pass
1**	1598.400	28.20	-20.04	54.0	25.80	AV	291.00	100	Horizontal	Pass
2	2792.900	43.97	-12.55	74.0	30.03	Peak	225.00	100	Horizontal	Pass
2**	2792.900	33.57	-12.55	54.0	20.43	AV	225.00	100	Horizontal	Pass
3	4359.500	48.64	-6.65	74.0	25.36	Peak	14.00	100	Horizontal	Pass
3**	4359.500	38.08	-6.65	54.0	15.92	AV	14.00	100	Horizontal	Pass
4	5751.250	94.51	-5.25	--	--	Peak	340.00	400	Horizontal	N/A
4**	5751.250	87.62	-5.25	--	--	AV	340.00	400	Horizontal	N/A
5	7577.250	53.73	-1.53	74.0	20.27	Peak	340.00	200	Horizontal	Pass
5**	7577.250	44.69	-1.53	54.0	9.31	AV	340.00	200	Horizontal	Pass
6	12323.925	52.53	0.69	74.0	21.47	Peak	257.00	200	Horizontal	Pass
6**	12323.925	43.89	0.69	54.0	10.11	AV	257.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.400	43.78	-19.51	74.0	30.22	Peak	146.00	100	Vertical	Pass
1**	1496.400	27.36	-19.51	54.0	26.64	AV	146.00	100	Vertical	Pass
2	2794.400	46.66	-12.53	74.0	27.34	Peak	178.00	200	Vertical	Pass
2**	2794.400	35.03	-12.53	54.0	18.97	AV	178.00	200	Vertical	Pass
3	4336.250	46.92	-6.11	74.0	27.08	Peak	61.00	150	Vertical	Pass
3**	4336.250	38.72	-6.11	54.0	15.28	AV	61.00	150	Vertical	Pass
4	5750.000	96.07	-5.24	--	--	Peak	277.00	300	Vertical	N/A
4**	5750.000	88.08	-5.24	--	--	AV	277.00	300	Vertical	N/A
5	7539.500	54.41	-0.21	74.0	19.59	Peak	35.00	100	Vertical	Pass
5**	7539.500	44.64	-0.21	54.0	9.36	AV	35.00	100	Vertical	Pass
6	12355.750	52.87	0.69	74.0	21.13	Peak	223.00	300	Vertical	Pass
6**	12355.750	43.76	0.69	54.0	10.24	AV	223.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.500	40.56	-20.01	74.0	33.44	Peak	327.00	400	Horizontal	Pass
1**	1597.500	29.90	-20.01	54.0	24.10	AV	327.00	400	Horizontal	Pass
2	2798.200	43.39	-12.73	74.0	30.61	Peak	320.00	300	Horizontal	Pass
2**	2798.200	34.25	-12.73	54.0	19.75	AV	320.00	300	Horizontal	Pass
3	3994.750	47.43	-7.69	74.0	26.57	Peak	149.00	150	Horizontal	Pass
3**	3994.750	37.39	-7.69	54.0	16.61	AV	149.00	150	Horizontal	Pass
4	5798.000	94.92	-4.70	--	--	Peak	341.00	100	Horizontal	N/A
4**	5798.000	87.36	-4.70	--	--	AV	341.00	100	Horizontal	N/A
5	7553.500	53.97	-1.49	74.0	20.03	Peak	341.00	100	Horizontal	Pass
5**	7553.500	43.91	-1.49	54.0	10.09	AV	341.00	100	Horizontal	Pass
6	12353.613	52.72	0.71	74.0	21.28	Peak	119.00	100	Horizontal	Pass
6**	12353.613	43.72	0.71	54.0	10.28	AV	119.00	100	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	1594.000	41.98	-20.00	74.0	32.02	Peak	90.00	200	Vertical	Pass
1**	1594.000	29.23	-20.00	54.0	24.77	AV	90.00	200	Vertical	Pass
2	2797.300	46.40	-12.72	74.0	27.60	Peak	176.00	300	Vertical	Pass
2**	2797.300	35.99	-12.72	54.0	18.01	AV	176.00	300	Vertical	Pass
3	4000.250	48.13	-7.71	74.0	25.87	Peak	212.00	150	Vertical	Pass
3**	4000.250	36.71	-7.71	54.0	17.29	AV	212.00	150	Vertical	Pass
4	5791.000	95.89	-4.73	--	--	Peak	277.00	200	Vertical	N/A
4**	5791.000	88.08	-4.73	--	--	AV	277.00	200	Vertical	N/A
5	7593.500	54.04	-0.56	74.0	19.96	Peak	305.00	200	Vertical	Pass
5**	7593.500	44.81	-0.56	54.0	9.19	AV	305.00	200	Vertical	Pass
6	12326.776	52.25	0.70	74.0	21.75	Peak	57.00	100	Vertical	Pass
6**	12326.776	43.23	0.70	54.0	10.77	AV	57.00	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	1596.000	40.53	-19.93	74.0	33.47	Peak	111.00	200	Horizontal	Pass
1**	1596.000	28.78	-19.93	54.0	25.22	AV	111.00	200	Horizontal	Pass
2	2796.000	43.88	-12.67	74.0	30.12	Peak	169.00	400	Horizontal	Pass
2**	2796.000	34.13	-12.67	54.0	19.87	AV	169.00	400	Horizontal	Pass
3	3994.750	47.53	-7.69	74.0	26.47	Peak	158.00	200	Horizontal	Pass
3**	3994.750	36.94	-7.69	54.0	17.06	AV	158.00	200	Horizontal	Pass
4	5748.250	90.96	-5.28	--	--	Peak	332.00	100	Horizontal	N/A
4**	5748.250	83.18	-5.28	--	--	AV	332.00	100	Horizontal	N/A
5	7544.250	53.88	-0.39	74.0	20.12	Peak	360.00	100	Horizontal	Pass
5**	7544.250	44.43	-0.39	54.0	9.57	AV	360.00	100	Horizontal	Pass
6	12352.663	54.15	0.71	74.0	19.85	Peak	176.00	200	Horizontal	Pass
6**	12352.663	44.59	0.71	54.0	9.41	AV	176.00	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	1598.900	42.94	-20.05	74.0	31.06	Peak	89.00	200	Vertical	Pass
1**	1598.900	30.87	-20.05	54.0	23.13	AV	89.00	200	Vertical	Pass
2	2791.200	47.07	-12.58	74.0	26.93	Peak	173.00	300	Vertical	Pass
2**	2791.200	33.77	-12.58	54.0	20.23	AV	173.00	300	Vertical	Pass
3	4325.750	47.54	-5.94	74.0	26.46	Peak	340.00	100	Vertical	Pass
3**	4325.750	37.88	-5.94	54.0	16.12	AV	340.00	100	Vertical	Pass
4	5811.750	91.49	-4.76	--	--	Peak	271.00	200	Vertical	N/A
4**	5811.750	84.12	-4.76	--	--	AV	271.00	200	Vertical	N/A
5	7604.500	53.91	-0.62	74.0	20.09	Peak	92.00	100	Vertical	Pass
5**	7604.500	45.55	-0.62	54.0	8.45	AV	92.00	100	Vertical	Pass
6	12309.913	52.43	0.67	74.0	21.57	Peak	360.00	200	Vertical	Pass
6**	12309.913	43.43	0.67	54.0	10.57	AV	360.00	200	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

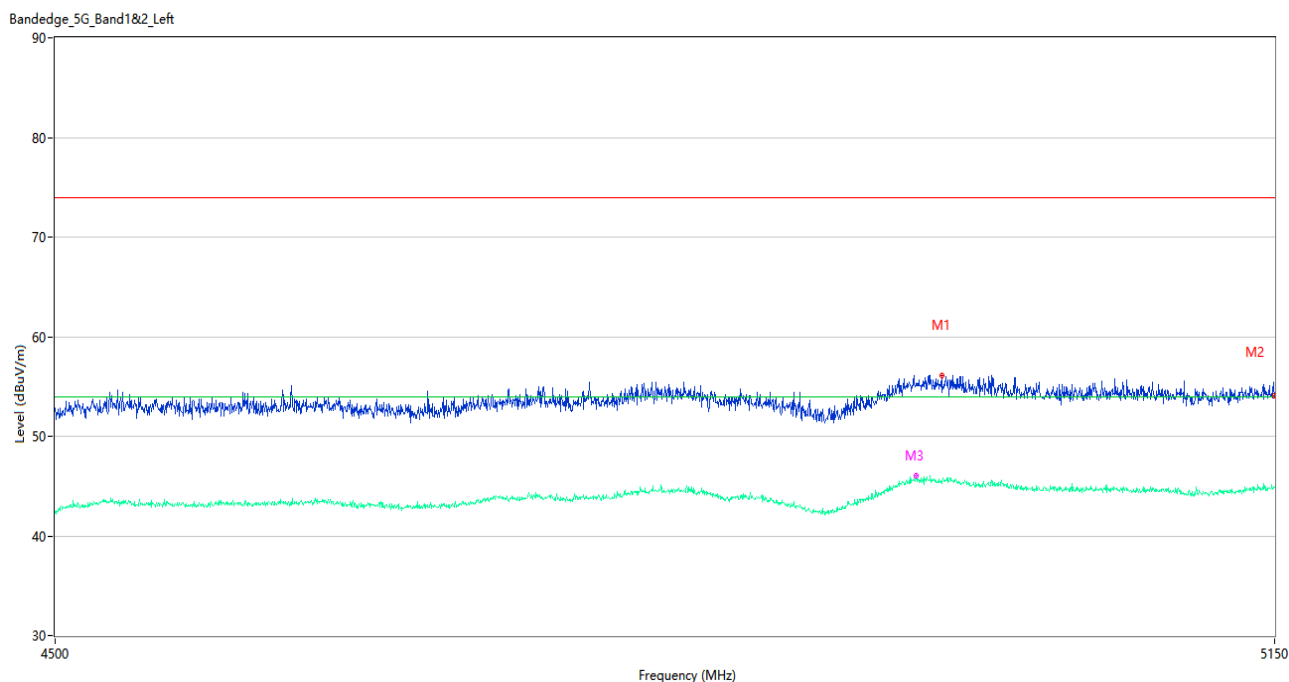
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass

Note: All antenna were tested, but only the worst case has been reported in this report.

SISO-Antenna 1

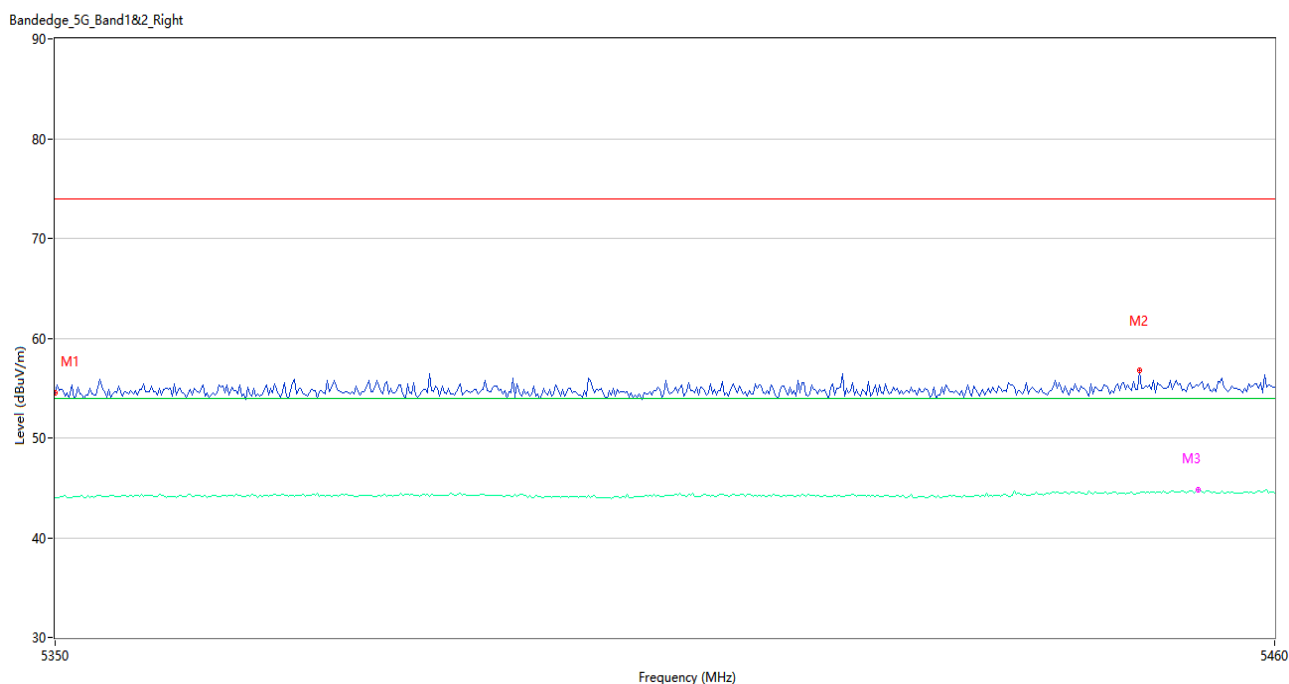
Test Data and Plots

U-NII-1 11a Low Channel



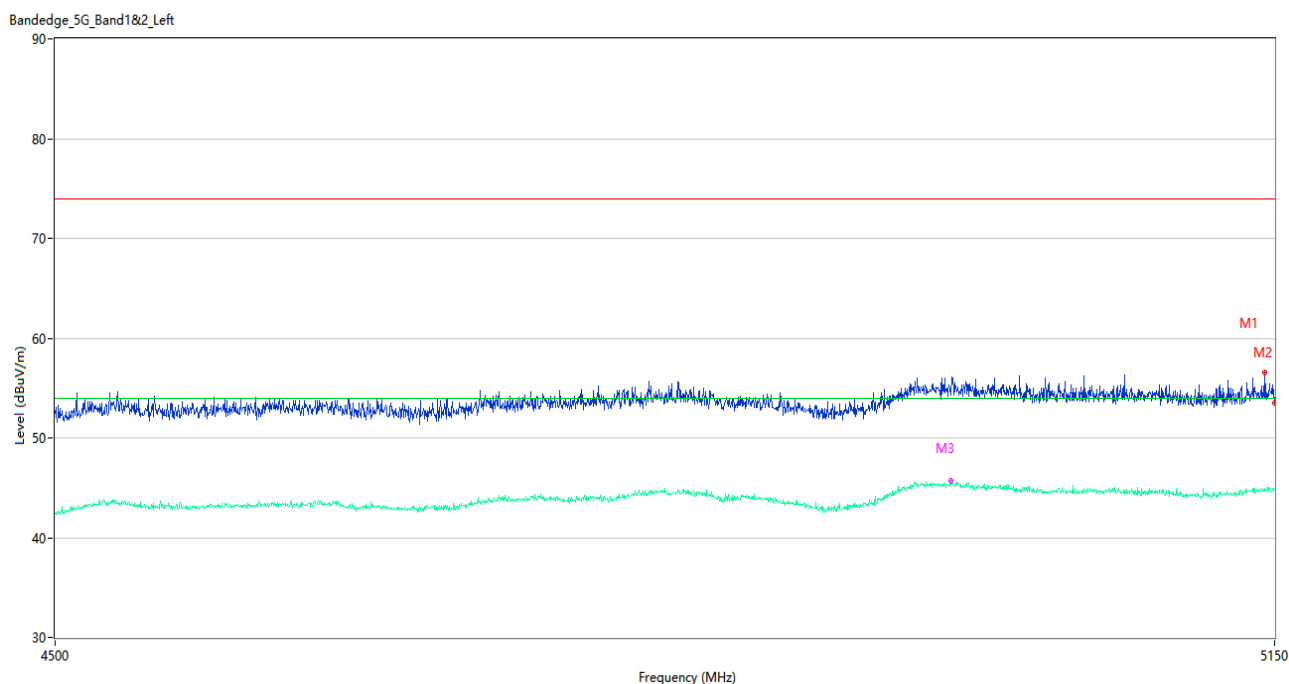
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4963.775	56.13	2.00	74.0	17.87	Peak	312.00	150	Vertical	Pass
1**	4963.775	45.24	2.00	54.0	8.76	AV	312.00	150	Vertical	Pass
2	5150.000	54.02	0.84	74.0	19.98	Peak	181.00	200	Vertical	Pass
2**	5150.000	44.91	0.84	54.0	9.09	AV	181.00	200	Vertical	Pass
3	4949.800	55.11	2.50	74.0	18.89	Peak	353.00	150	Vertical	Pass
3**	4949.800	46.05	2.50	54.0	7.95	AV	353.00	150	Vertical	Pass

U-NII-1 11a High Channel



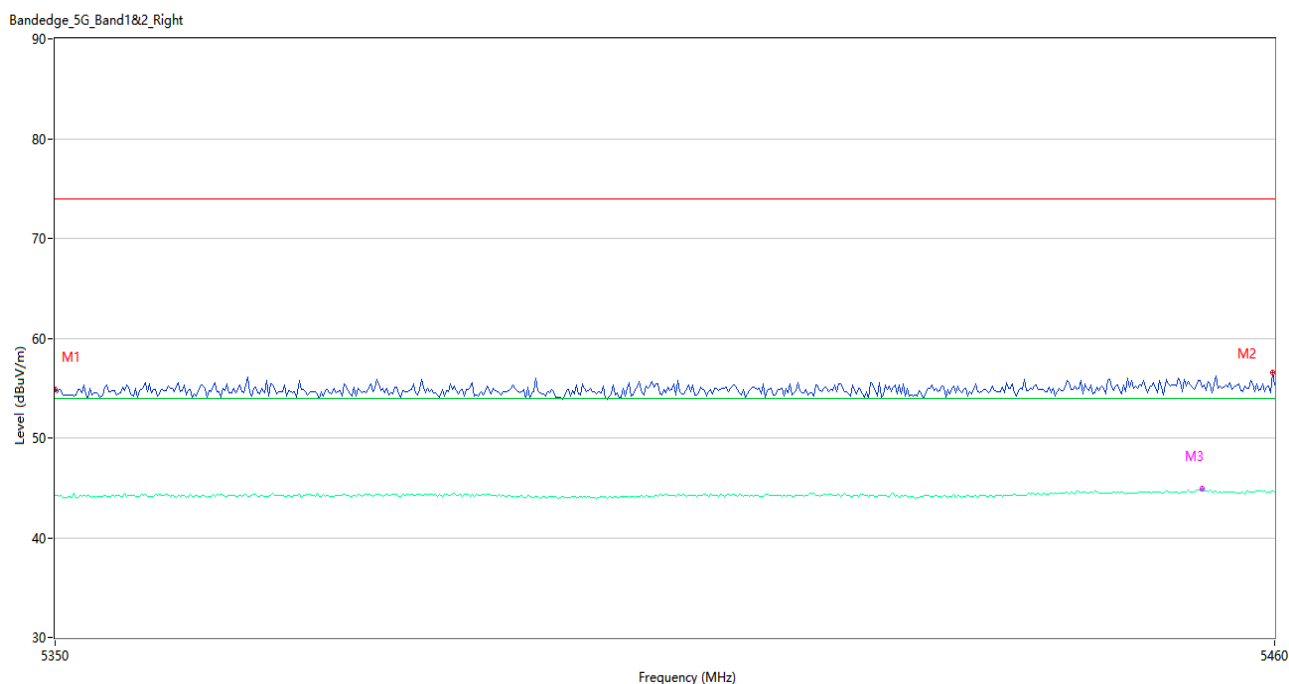
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.53	0.85	74.0	19.47	Peak	106.00	100	Vertical	Pass
1**	5350.000	44.03	0.85	54.0	9.97	AV	106.00	100	Vertical	Pass
2	5447.717	56.79	1.26	74.0	17.21	Peak	123.00	150	Vertical	Pass
2**	5447.717	44.50	1.26	54.0	9.50	AV	123.00	150	Vertical	Pass
3	5453.033	55.14	1.28	74.0	18.86	Peak	278.00	150	Vertical	Pass
3**	5453.033	44.76	1.28	54.0	9.24	AV	278.00	150	Vertical	Pass

U-NII-1 11n20 Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5144.475	56.56	0.93	74.0	17.44	Peak	49.00	200	Vertical	Pass
1**	5144.475	44.68	0.93	54.0	9.32	AV	49.00	200	Vertical	Pass
2	5150.000	53.47	0.84	74.0	20.53	Peak	177.00	200	Vertical	Pass
2**	5150.000	44.93	0.84	54.0	9.07	AV	177.00	200	Vertical	Pass
3	4968.975	54.34	2.01	74.0	19.66	Peak	139.00	150	Vertical	Pass
3**	4968.975	45.76	2.01	54.0	8.24	AV	139.00	150	Vertical	Pass

U-NII-1 11n20 High Channel



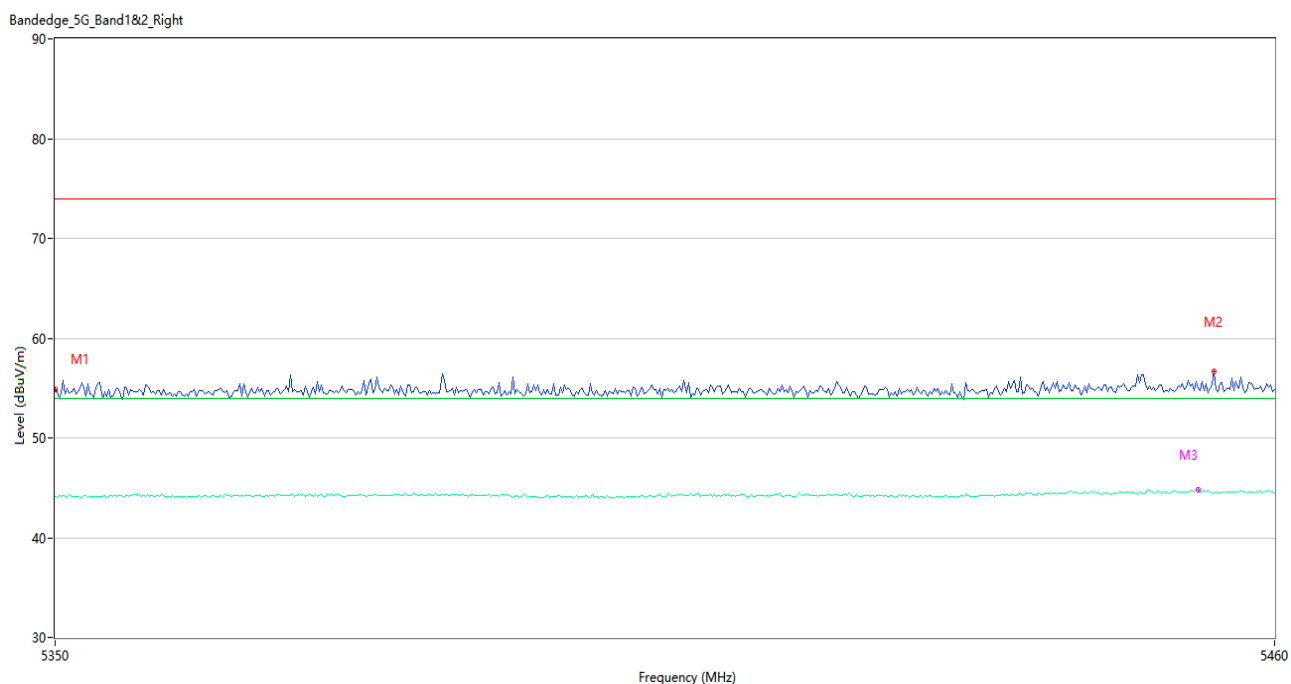
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.91	0.85	74.0	19.09	Peak	245.00	200	Vertical	Pass
1**	5350.000	44.28	0.85	54.0	9.72	AV	245.00	200	Vertical	Pass
2	5459.817	56.59	1.23	74.0	17.41	Peak	80.00	150	Vertical	Pass
2**	5459.817	44.69	1.23	54.0	9.31	AV	80.00	150	Vertical	Pass
3	5453.400	55.12	1.26	74.0	18.88	Peak	143.00	150	Vertical	Pass
3**	5453.400	44.90	1.26	54.0	9.10	AV	143.00	150	Vertical	Pass

U-NII-1 11n40 Low Channel



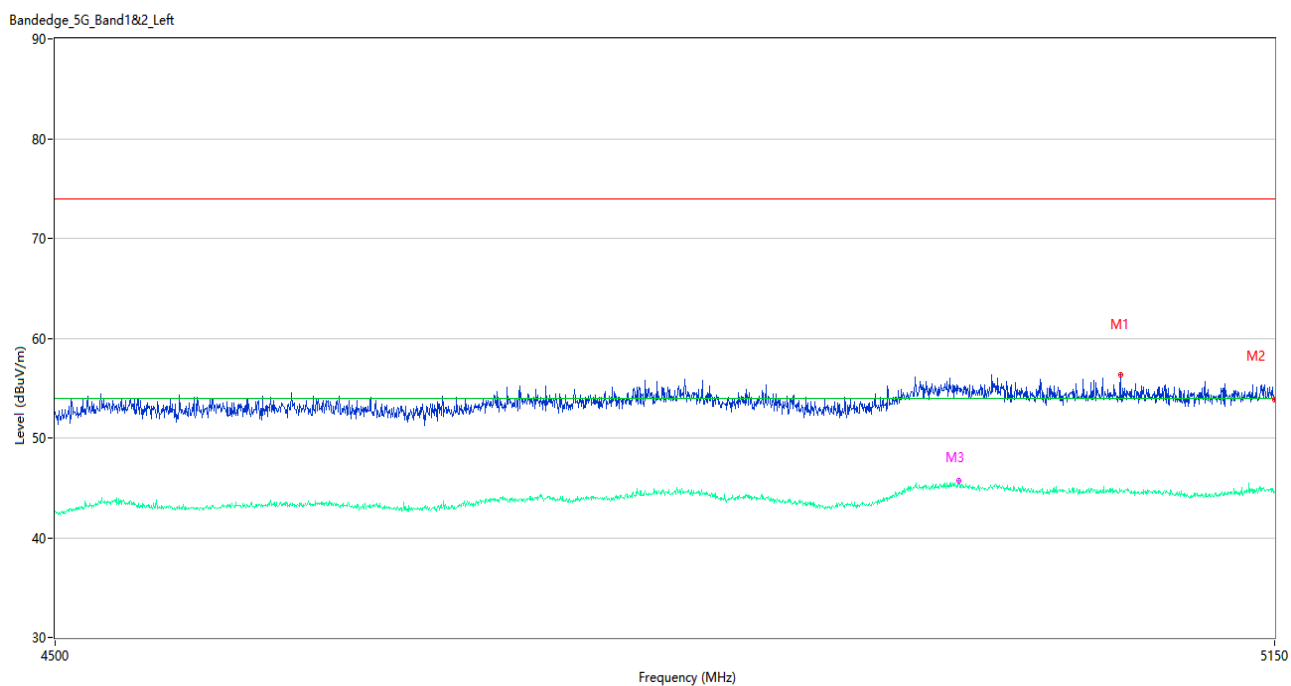
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5071.025	56.73	0.84	74.0	17.27	Peak	209.00	200	Vertical	Pass
1**	5071.025	44.75	0.84	54.0	9.25	AV	209.00	200	Vertical	Pass
2	5150.000	55.58	0.84	74.0	18.42	Peak	113.00	100	Vertical	Pass
2**	5150.000	46.46	0.84	54.0	7.54	AV	113.00	100	Vertical	Pass

U-NII-1 11n40 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.82	0.85	74.0	19.18	Peak	31.00	200	Vertical	Pass
1**	5350.000	44.10	0.85	54.0	9.90	AV	31.00	200	Vertical	Pass
2	5454.500	56.62	1.21	74.0	17.38	Peak	11.00	150	Vertical	Pass
2**	5454.500	44.45	1.21	54.0	9.55	AV	11.00	150	Vertical	Pass
3	5453.033	55.01	1.28	74.0	18.99	Peak	0.00	150	Vertical	Pass
3**	5453.033	44.76	1.28	54.0	9.24	AV	0.00	150	Vertical	Pass

U-NII-1 11ac20 Low Channel



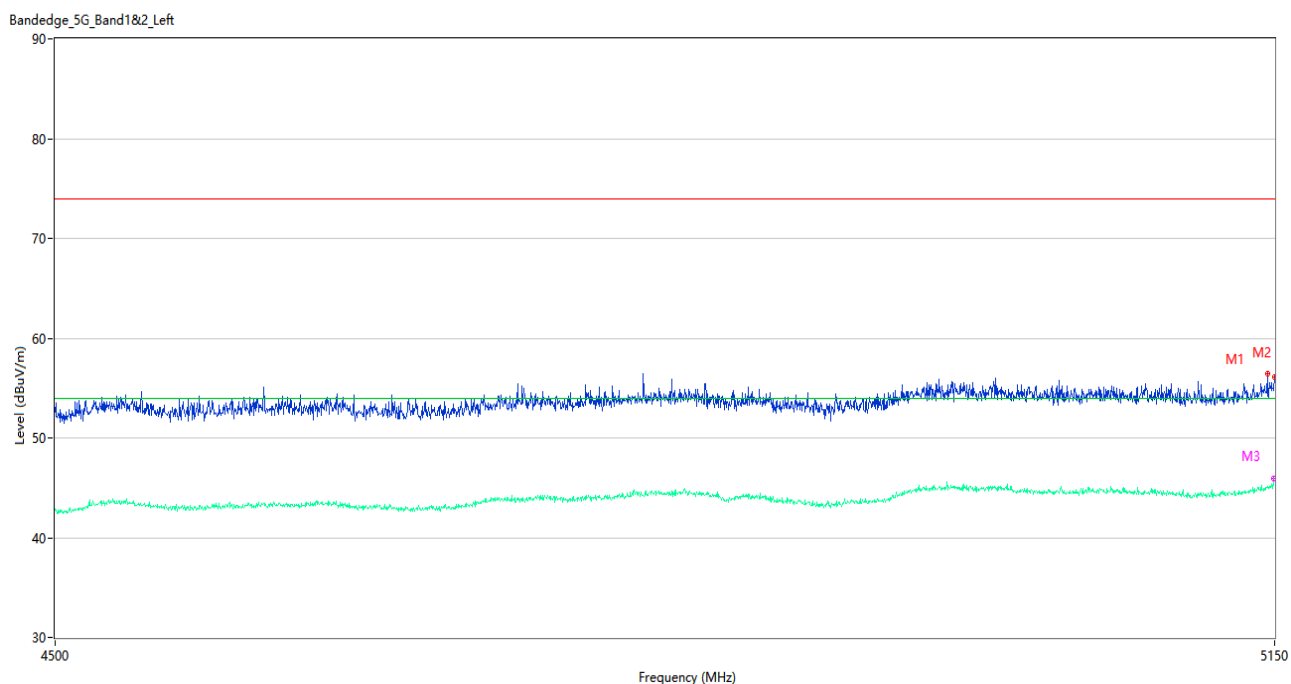
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5062.900	56.37	0.88	74.0	17.63	Peak	319.00	200	Vertical	Pass
1**	5062.900	44.74	0.88	54.0	9.26	AV	319.00	200	Vertical	Pass
2	5150.000	53.82	0.84	74.0	20.18	Peak	0.00	100	Vertical	Pass
2**	5150.000	44.56	0.84	54.0	9.44	AV	0.00	100	Vertical	Pass
3	4973.200	54.96	1.94	74.0	19.04	Peak	0.00	150	Vertical	Pass
3**	4973.200	45.68	1.94	54.0	8.32	AV	0.00	150	Vertical	Pass

U-NII-1 11ac20 High Channel



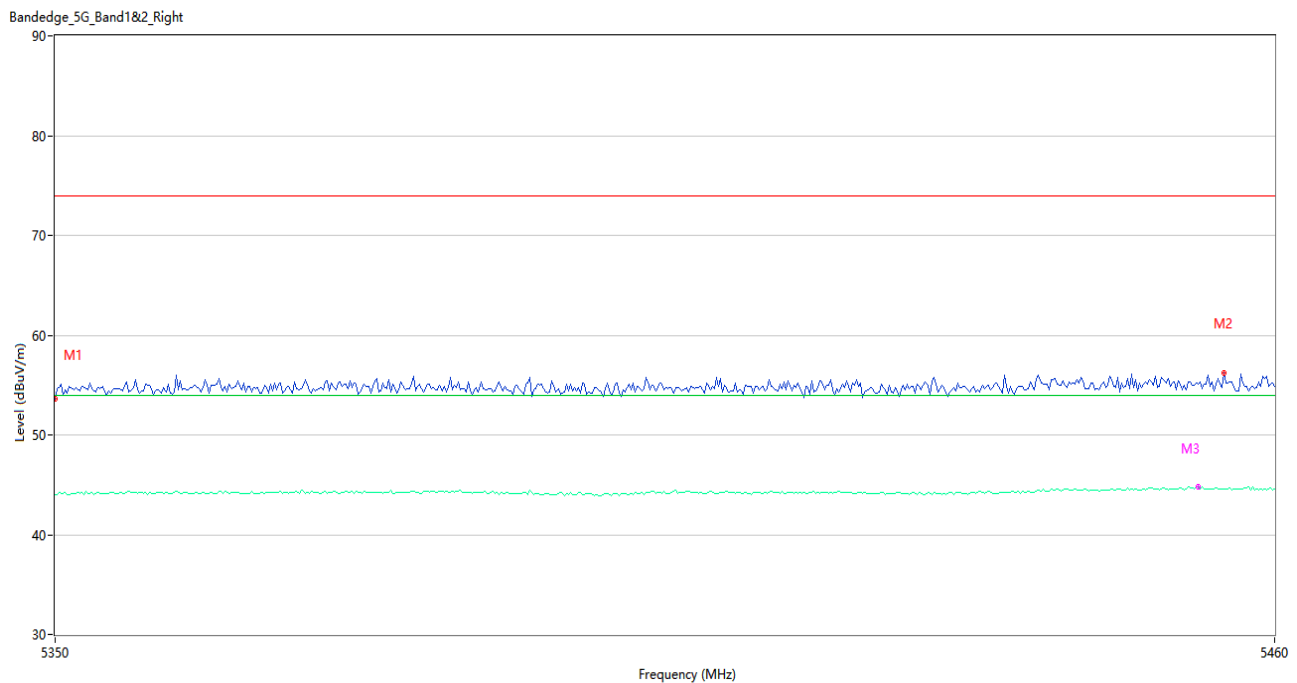
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.38	0.85	74.0	19.62	Peak	255.00	100	Vertical	Pass
1**	5350.000	44.23	0.85	54.0	9.77	AV	255.00	100	Vertical	Pass
2	5434.516	56.43	1.17	74.0	17.57	Peak	187.00	100	Vertical	Pass
2**	5434.516	44.27	1.17	54.0	9.73	AV	187.00	100	Vertical	Pass

U-NII-1 11ac40 Low Channel



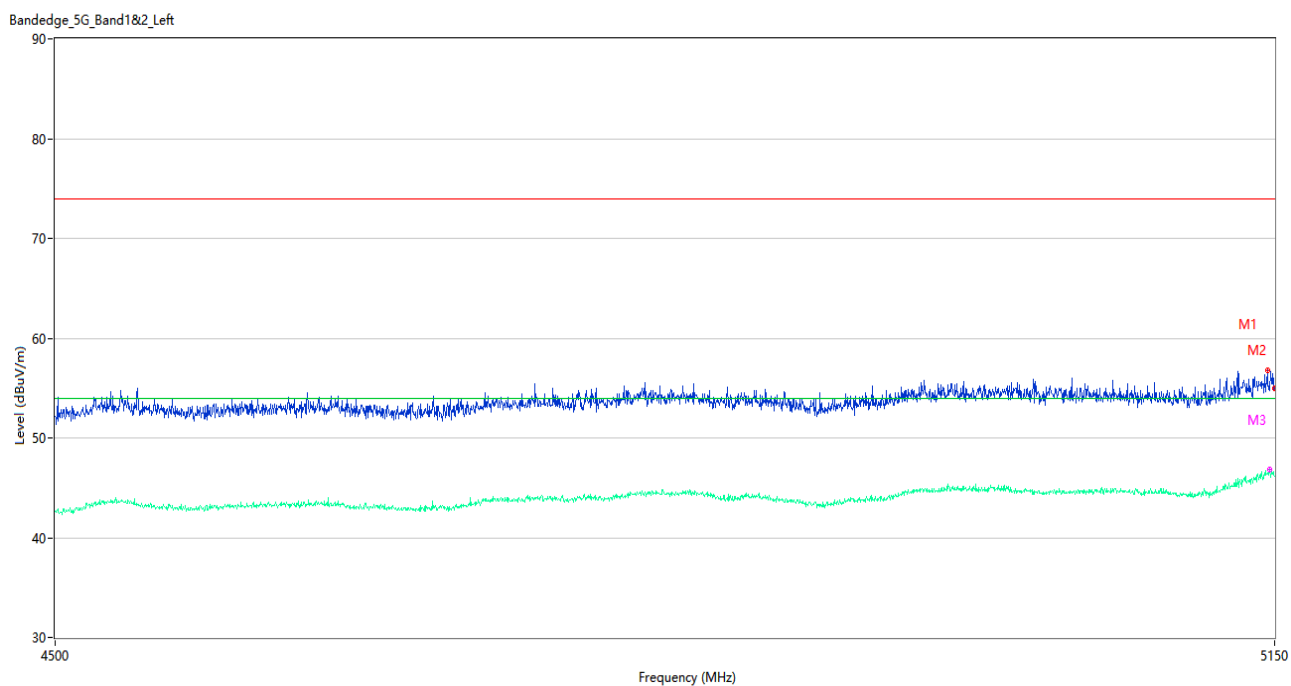
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.775	56.45	0.93	74.0	17.55	Peak	110.00	150	Vertical	Pass
1**	5145.775	44.97	0.93	54.0	9.03	AV	110.00	150	Vertical	Pass
2	5150.000	56.14	0.84	74.0	17.86	Peak	106.00	150	Vertical	Pass
2**	5150.000	45.68	0.84	54.0	8.32	AV	106.00	150	Vertical	Pass
3	5149.675	54.79	0.84	74.0	19.21	Peak	99.00	150	Vertical	Pass
3**	5149.675	45.94	0.84	54.0	8.06	AV	99.00	150	Vertical	Pass

U-NII-1 11ac40 High Channel



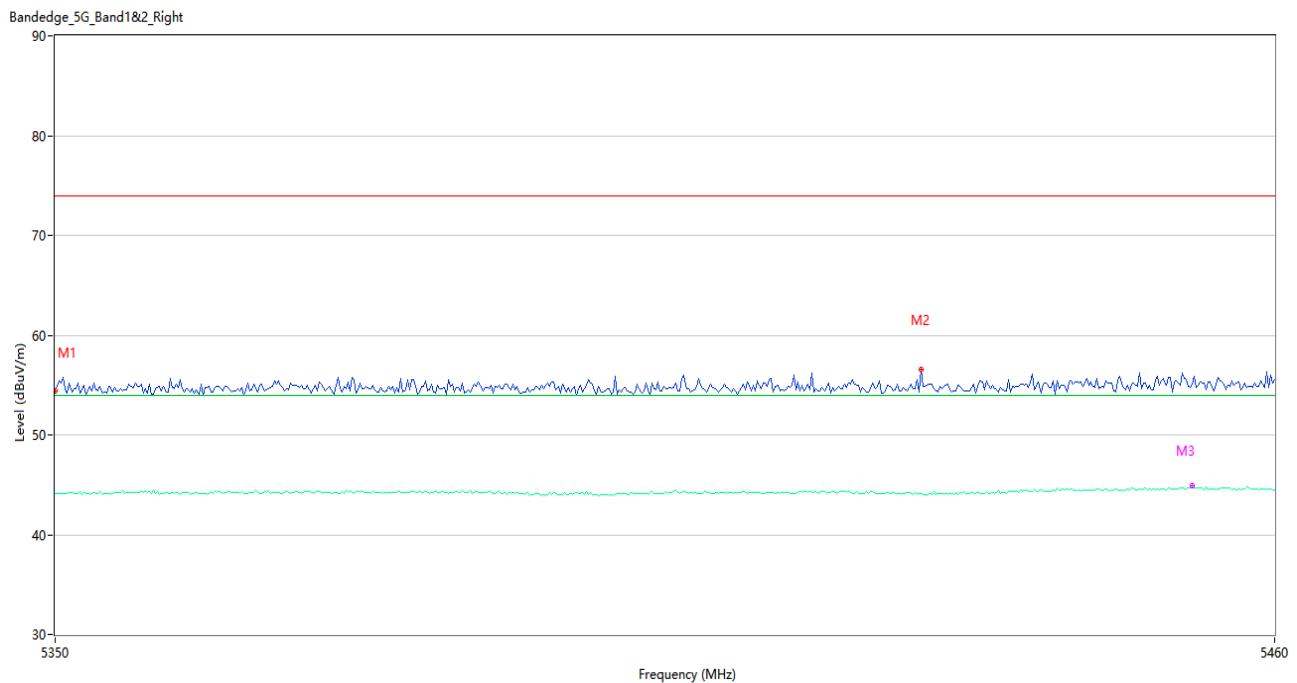
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	53.63	0.85	74.0	20.37	Peak	347.00	200	Vertical	Pass
1**	5350.000	44.02	0.85	54.0	9.98	AV	347.00	200	Vertical	Pass
2	5455.416	56.20	1.18	74.0	17.80	Peak	277.00	100	Vertical	Pass
2**	5455.416	44.54	1.18	54.0	9.46	AV	277.00	100	Vertical	Pass
3	5453.033	55.06	1.28	74.0	18.94	Peak	321.00	150	Vertical	Pass
3**	5453.033	44.82	1.28	54.0	9.18	AV	321.00	150	Vertical	Pass

U-NII-1 11ac80 Middle Channel



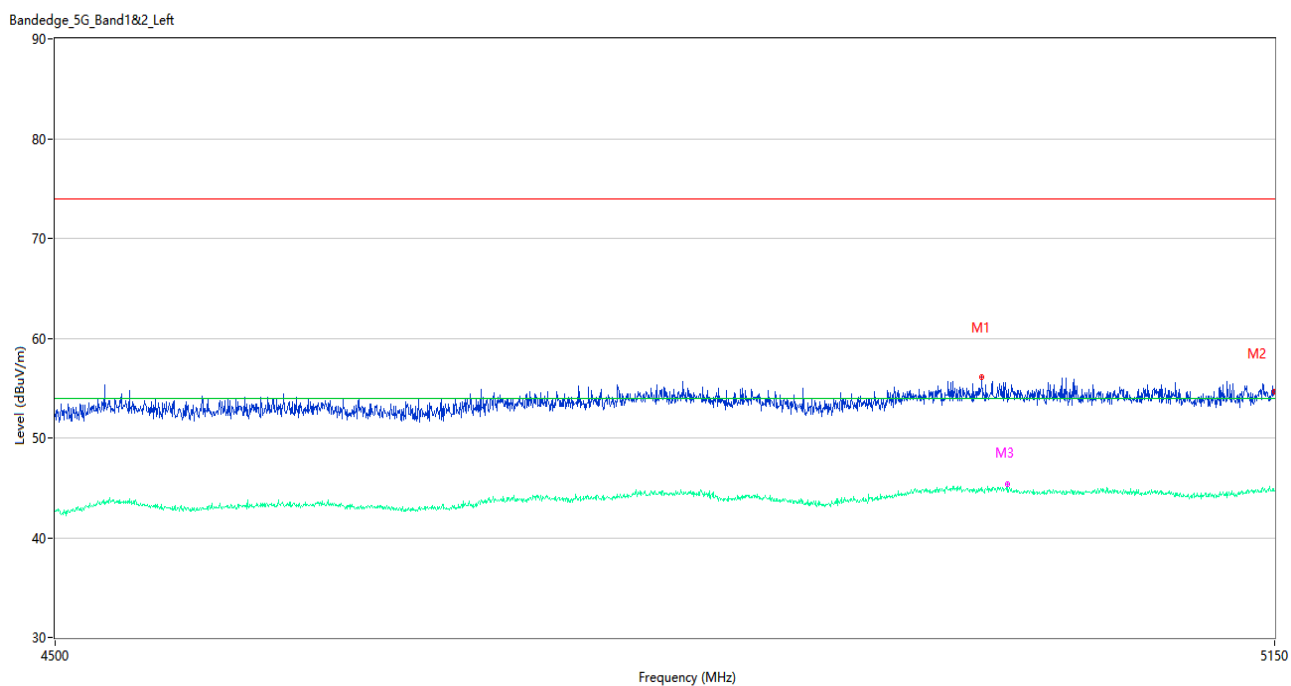
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.775	56.83	0.93	74.0	17.17	Peak	107.00	200	Vertical	Pass
1**	5145.775	46.34	0.93	54.0	7.66	AV	107.00	200	Vertical	Pass
2	5150.000	54.94	0.84	74.0	19.06	Peak	122.00	200	Vertical	Pass
2**	5150.000	46.16	0.84	54.0	7.84	AV	122.00	200	Vertical	Pass
3	5147.400	54.71	0.90	74.0	19.29	Peak	103.00	150	Vertical	Pass
3**	5147.400	46.87	0.90	54.0	7.13	AV	103.00	150	Vertical	Pass

U-NII-1 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.40	0.85	74.0	19.60	Peak	59.00	150	Vertical	Pass
1**	5350.000	44.17	0.85	54.0	9.83	AV	59.00	150	Vertical	Pass
2	5427.916	56.55	1.11	74.0	17.45	Peak	56.00	150	Vertical	Pass
2**	5427.916	44.09	1.11	54.0	9.91	AV	56.00	150	Vertical	Pass
3	5452.484	55.07	1.29	74.0	18.93	Peak	95.00	150	Vertical	Pass
3**	5452.484	44.92	1.29	54.0	9.08	AV	95.00	150	Vertical	Pass

U-NII-2A 11a Low Channel



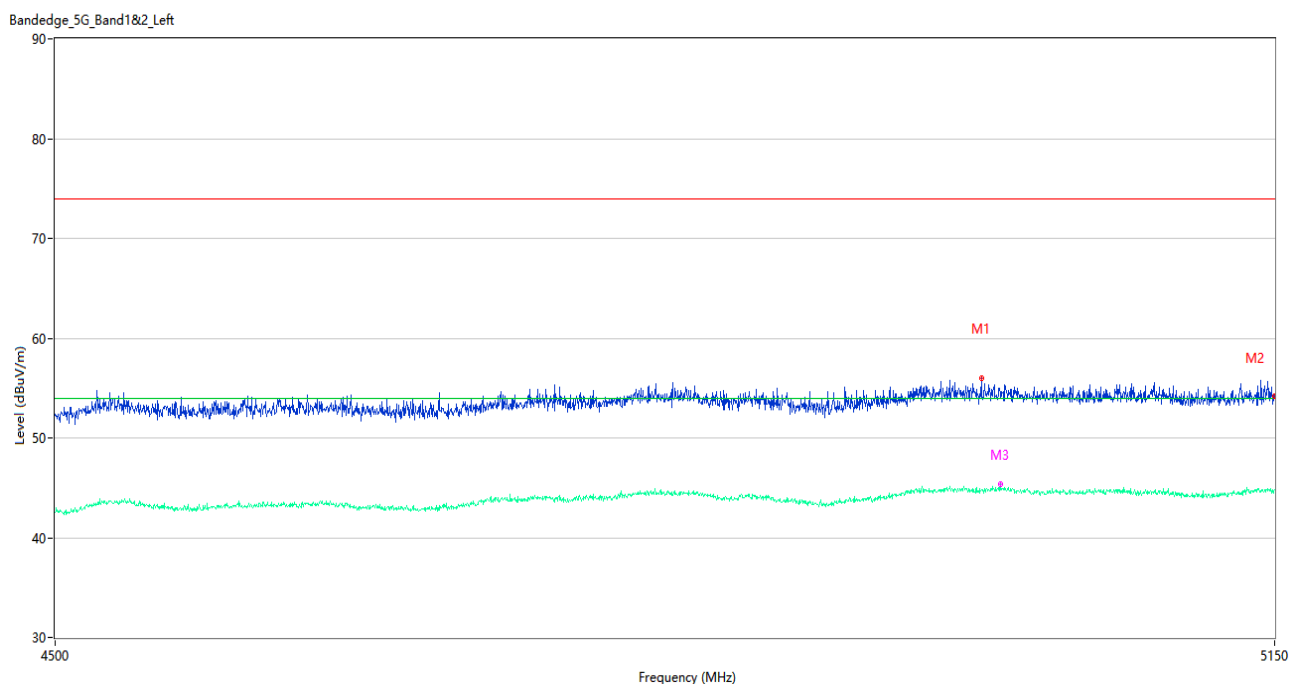
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4985.875	56.06	1.85	74.0	17.94	Peak	152.00	150	Vertical	Pass
1**	4985.875	44.66	1.85	54.0	9.34	AV	152.00	150	Vertical	Pass
2	5150.000	54.64	0.84	74.0	19.36	Peak	46.00	100	Vertical	Pass
2**	5150.000	44.67	0.84	54.0	9.33	AV	46.00	100	Vertical	Pass
3	4999.850	53.58	1.77	74.0	20.42	Peak	242.00	150	Vertical	Pass
3**	4999.850	45.35	1.77	54.0	8.65	AV	242.00	150	Vertical	Pass

U-NII-2A 11a High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.68	0.85	74.0	19.32	Peak	122.00	100	Vertical	Pass
1**	5350.000	44.29	0.85	54.0	9.71	AV	122.00	100	Vertical	Pass
2	5423.333	56.62	1.19	74.0	17.38	Peak	181.00	100	Vertical	Pass
2**	5423.333	44.14	1.19	54.0	9.86	AV	181.00	100	Vertical	Pass
3	5353.483	55.78	0.81	74.0	18.22	Peak	220.00	150	Vertical	Pass
3**	5353.483	44.89	0.81	54.0	9.11	AV	220.00	150	Vertical	Pass

U-NII-2A 11n20 Low Channel



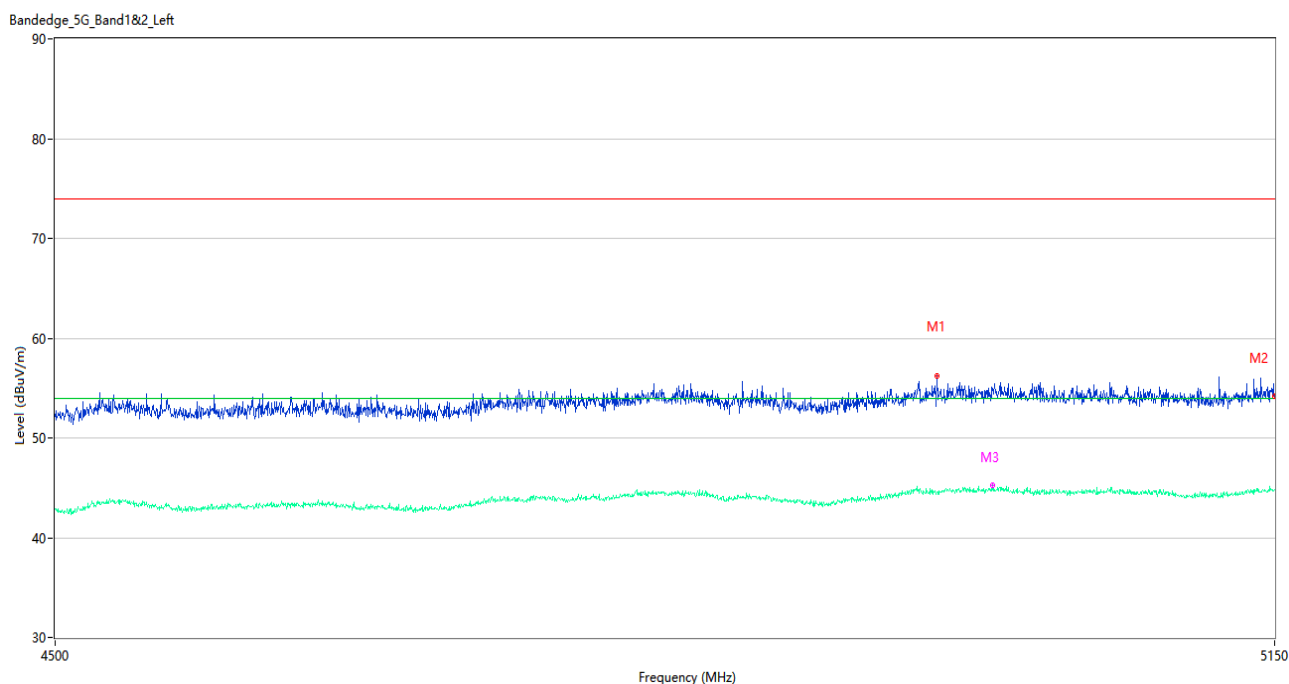
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4985.550	55.98	1.86	74.0	18.02	Peak	65.00	100	Vertical	Pass
1**	4985.550	44.76	1.86	54.0	9.24	AV	65.00	100	Vertical	Pass
2	5150.000	54.13	0.84	74.0	19.87	Peak	99.00	150	Vertical	Pass
2**	5150.000	44.77	0.84	54.0	9.23	AV	99.00	150	Vertical	Pass
3	4995.950	54.38	1.83	74.0	19.62	Peak	274.00	150	Vertical	Pass
3**	4995.950	45.36	1.83	54.0	8.64	AV	274.00	150	Vertical	Pass

U-NII-2A 11n20 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.61	0.85	74.0	19.39	Peak	39.00	100	Vertical	Pass
1**	5350.000	44.22	0.85	54.0	9.78	AV	39.00	100	Vertical	Pass
2	5372.733	56.44	0.79	74.0	17.56	Peak	360.00	200	Vertical	Pass
2**	5372.733	44.19	0.79	54.0	9.81	AV	360.00	200	Vertical	Pass
3	5456.517	54.78	1.16	74.0	19.22	Peak	345.00	150	Vertical	Pass
3**	5456.517	44.82	1.16	54.0	9.18	AV	345.00	150	Vertical	Pass

U-NII-2A 11n40 Low Channel



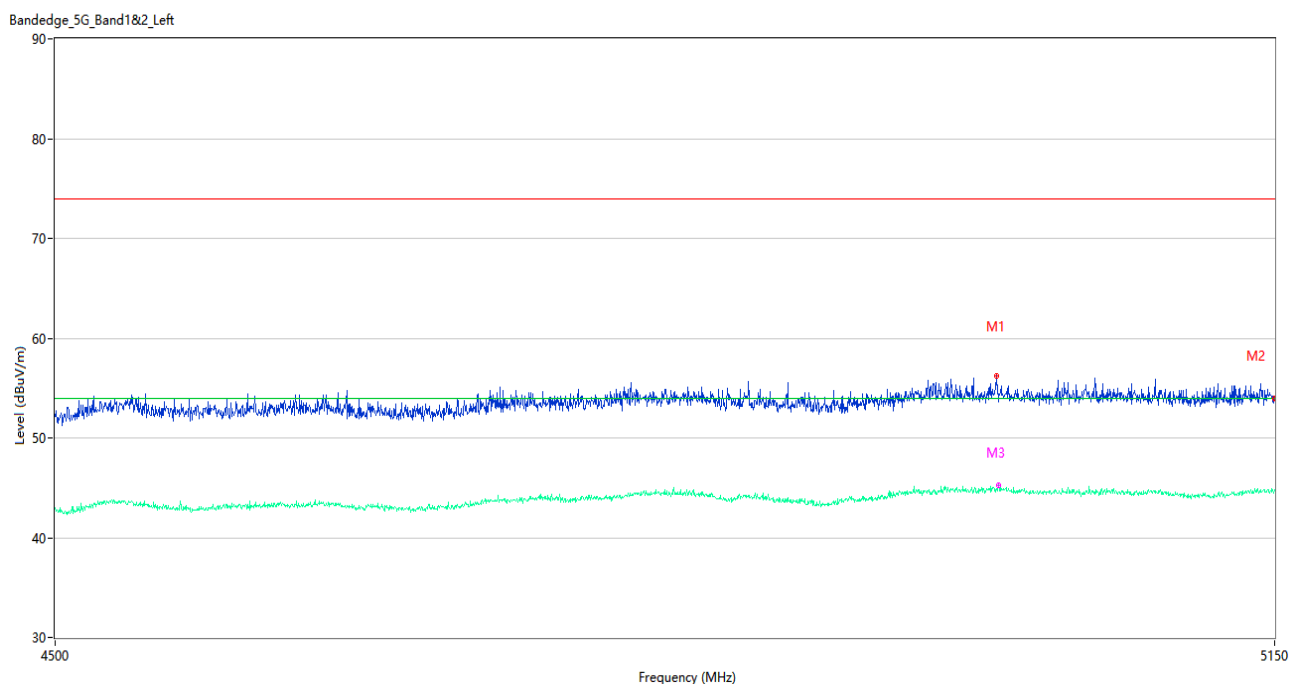
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4961.175	56.23	2.10	74.0	17.77	Peak	0.00	200	Vertical	Pass
1**	4961.175	44.52	2.10	54.0	9.48	AV	0.00	200	Vertical	Pass
2	5150.000	54.19	0.84	74.0	19.81	Peak	47.00	100	Vertical	Pass
2**	5150.000	44.84	0.84	54.0	9.16	AV	47.00	100	Vertical	Pass
3	4992.050	55.00	1.86	74.0	19.00	Peak	162.00	150	Vertical	Pass
3**	4992.050	45.28	1.86	54.0	8.72	AV	162.00	150	Vertical	Pass

U-NII-2A 11n40 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.00	0.85	74.0	17.00	Peak	274.00	200	Vertical	Pass
1**	5350.000	45.67	0.85	54.0	8.33	AV	274.00	200	Vertical	Pass
2	5351.100	55.68	0.86	74.0	18.32	Peak	112.00	150	Vertical	Pass
2**	5351.100	45.83	0.86	54.0	8.17	AV	112.00	150	Vertical	Pass

U-NII-2A 11ac20 Low Channel



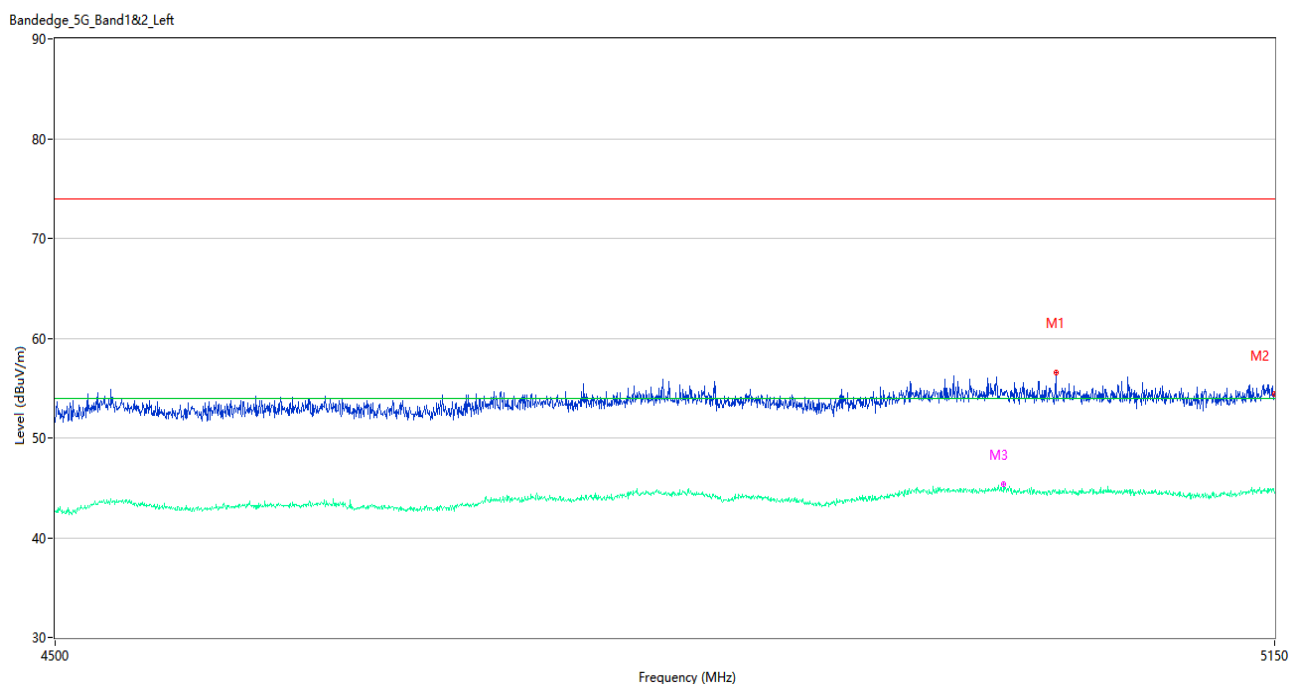
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4994.000	56.19	1.79	74.0	17.81	Peak	148.00	150	Vertical	Pass
1**	4994.000	44.96	1.79	54.0	9.04	AV	148.00	150	Vertical	Pass
2	5150.000	53.90	0.84	74.0	20.10	Peak	12.00	200	Vertical	Pass
2**	5150.000	44.75	0.84	54.0	9.25	AV	12.00	200	Vertical	Pass
3	4995.300	54.38	1.82	74.0	19.62	Peak	213.00	150	Vertical	Pass
3**	4995.300	45.27	1.82	54.0	8.73	AV	213.00	150	Vertical	Pass

U-NII-2A 11ac20 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.11	0.85	74.0	17.89	Peak	113.00	100	Vertical	Pass
1**	5350.000	44.06	0.85	54.0	9.94	AV	113.00	100	Vertical	Pass
2	5376.584	56.90	0.79	74.0	17.10	Peak	360.00	200	Vertical	Pass
2**	5376.584	44.31	0.79	54.0	9.69	AV	360.00	200	Vertical	Pass
3	5365.583	54.22	0.82	74.0	19.78	Peak	285.00	150	Vertical	Pass
3**	5365.583	44.77	0.82	54.0	9.23	AV	285.00	150	Vertical	Pass

U-NII-2A 11ac40 Low Channel



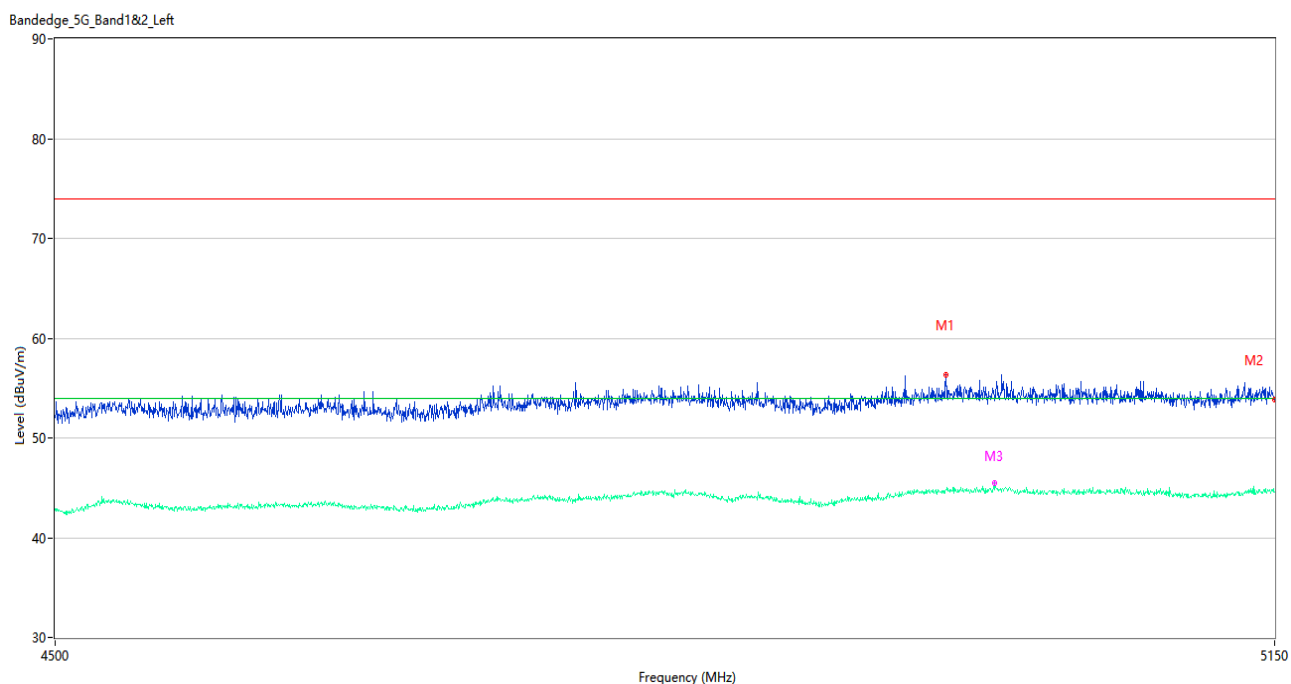
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5026.825	56.53	0.92	74.0	17.47	Peak	359.00	100	Vertical	Pass
1**	5026.825	44.52	0.92	54.0	9.48	AV	359.00	100	Vertical	Pass
2	5150.000	54.35	0.84	74.0	19.65	Peak	246.00	100	Vertical	Pass
2**	5150.000	44.51	0.84	54.0	9.49	AV	246.00	100	Vertical	Pass
3	4997.900	54.32	1.76	74.0	19.68	Peak	165.00	150	Vertical	Pass
3**	4997.900	45.32	1.76	54.0	8.68	AV	165.00	150	Vertical	Pass

U-NII-2A 11ac40 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.51	0.85	74.0	18.49	Peak	0.00	100	Vertical	Pass
1**	5350.000	44.78	0.85	54.0	9.22	AV	0.00	100	Vertical	Pass
2	5447.166	56.63	1.25	74.0	17.37	Peak	0.00	100	Vertical	Pass
2**	5447.166	44.56	1.25	54.0	9.44	AV	0.00	100	Vertical	Pass
3	5350.733	55.77	0.87	74.0	18.23	Peak	342.00	150	Vertical	Pass
3**	5350.733	44.98	0.87	54.0	9.02	AV	342.00	150	Vertical	Pass

U-NII-2A 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4966.050	56.33	2.00	74.0	17.67	Peak	347.00	100	Vertical	Pass
1**	4966.050	44.75	2.00	54.0	9.25	AV	347.00	100	Vertical	Pass
2	5150.000	53.82	0.84	74.0	20.18	Peak	184.00	100	Vertical	Pass
2**	5150.000	44.63	0.84	54.0	9.37	AV	184.00	100	Vertical	Pass
3	4993.025	53.77	1.82	74.0	20.23	Peak	157.00	150	Vertical	Pass
3**	4993.025	45.52	1.82	54.0	8.48	AV	157.00	150	Vertical	Pass

U-NII-2A 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.28	0.85	74.0	17.72	Peak	114.00	200	Vertical	Pass
1**	5350.000	45.59	0.85	54.0	8.41	AV	114.00	200	Vertical	Pass
2	5353.300	57.44	0.81	74.0	16.56	Peak	265.00	200	Vertical	Pass
2**	5353.300	45.62	0.81	54.0	8.38	AV	265.00	200	Vertical	Pass
3	5351.834	55.50	0.84	74.0	18.50	Peak	112.00	150	Vertical	Pass
3**	5351.834	45.83	0.84	54.0	8.17	AV	112.00	150	Vertical	Pass

U-NII-2C 11a Low Channel



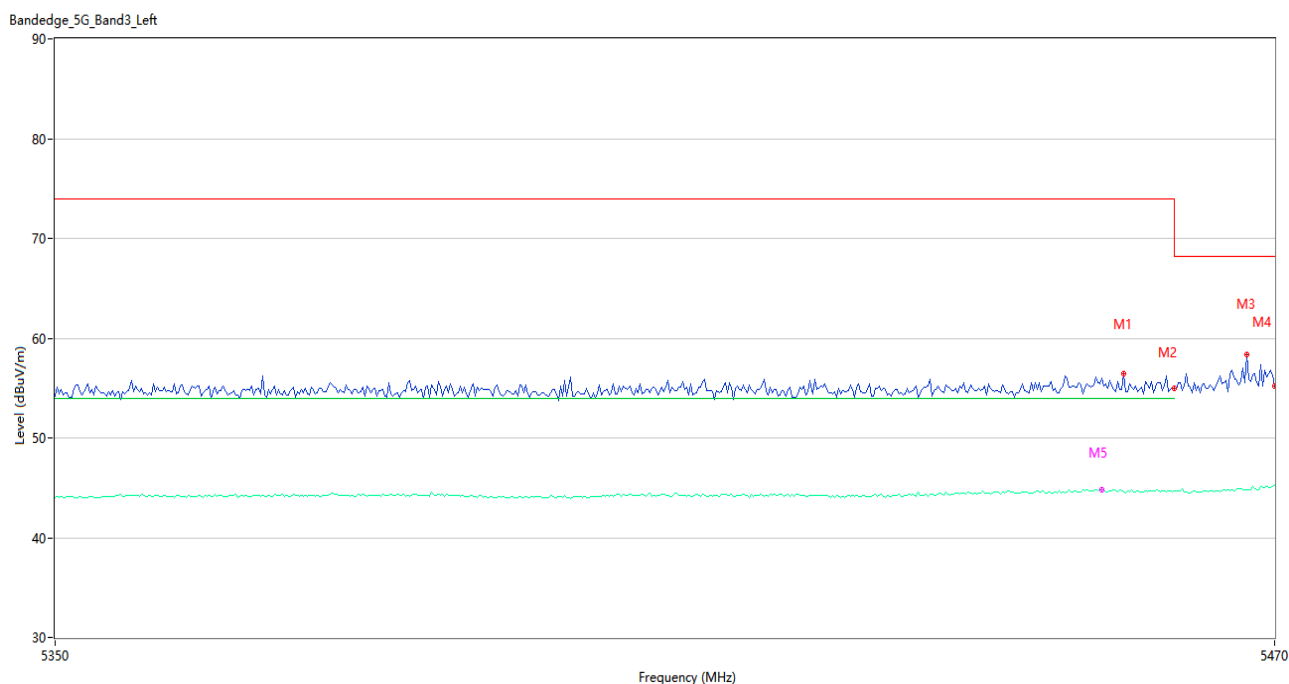
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5351.600	56.38	0.85	74.0	17.62	Peak	174.00	200	Vertical	Pass
1**	5351.600	44.10	0.85	54.0	9.90	AV	174.00	200	Vertical	Pass
2	5460.000	55.09	1.23	74.0	18.91	Peak	228.00	100	Vertical	Pass
2**	5460.000	44.60	1.23	54.0	9.40	AV	228.00	100	Vertical	Pass
3	5469.200	59.15	1.36	68.2	9.05	Peak	282.00	100	Vertical	Pass
3**	5469.200	45.07	1.36	--	--	AV	282.00	100	Vertical	N/A
4	5470.000	57.94	1.37	68.2	10.26	Peak	264.00	100	Vertical	Pass
4**	5470.000	45.88	1.37	--	--	AV	264.00	100	Vertical	N/A
5	5453.600	55.56	1.25	74.0	18.44	Peak	264.00	150	Vertical	Pass
5**	5453.600	44.96	1.25	54.0	9.04	AV	264.00	150	Vertical	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	56.88	0.63	68.2	11.32	Peak	281.00	150	Vertical	Pass
2	5725.834	57.65	0.64	68.2	10.55	Peak	256.00	200	Vertical	Pass

U-NII-2C 11n20 Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5455.000	56.42	1.18	74.0	17.58	Peak	284.00	100	Vertical	Pass
1**	5455.000	44.59	1.18	54.0	9.41	AV	284.00	100	Vertical	Pass
2	5460.000	54.95	1.23	74.0	19.05	Peak	320.00	200	Vertical	Pass
2**	5460.000	44.64	1.23	54.0	9.36	AV	320.00	200	Vertical	Pass
3	5467.200	58.40	1.32	68.2	9.80	Peak	282.00	200	Vertical	Pass
3**	5467.200	44.78	1.32	--	--	AV	282.00	200	Vertical	N/A
4	5470.000	55.19	1.37	68.2	13.01	Peak	259.00	200	Vertical	Pass
4**	5470.000	45.22	1.37	--	--	AV	259.00	200	Vertical	N/A
5	5452.800	55.99	1.29	74.0	18.01	Peak	36.00	150	Vertical	Pass
5**	5452.800	44.83	1.29	54.0	9.17	AV	36.00	150	Vertical	Pass

U-NII-2C 11n20 High Channel



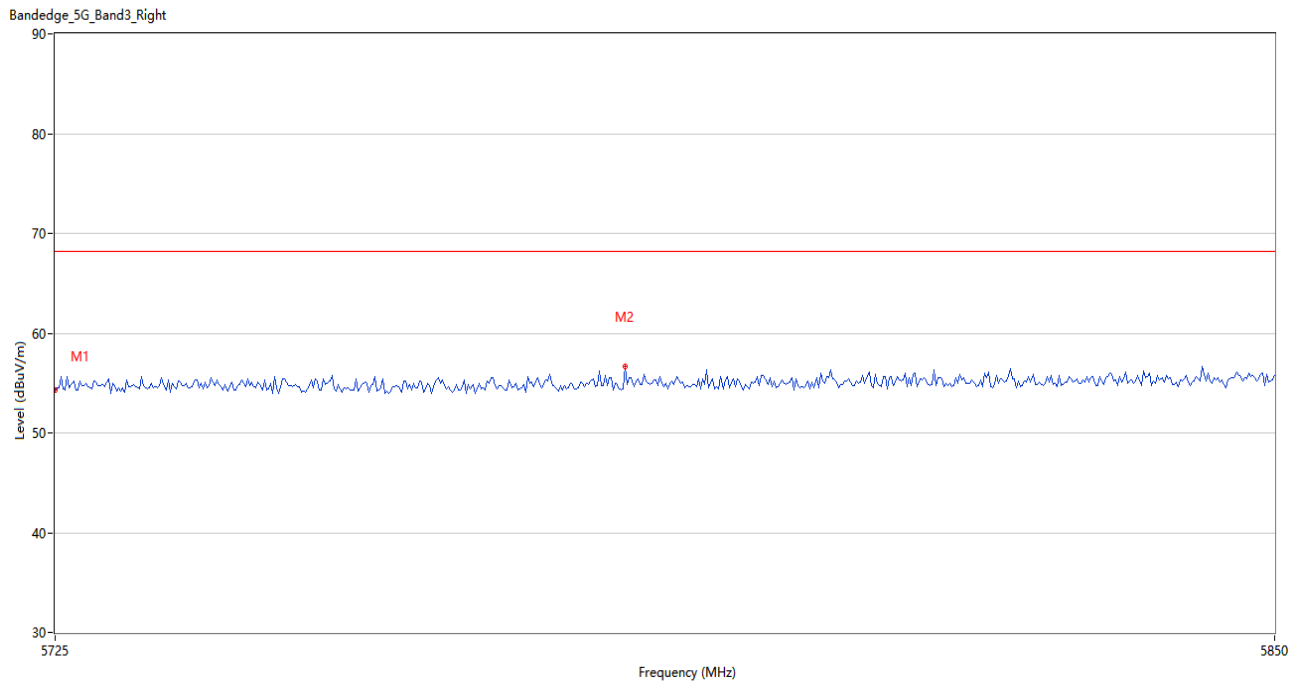
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.82	0.63	68.2	12.38	Peak	261.00	200	Vertical	Pass
2	5840.625	57.67	1.18	68.2	10.53	Peak	275.00	200	Vertical	Pass

U-NII-2C 11n40 Low Channel



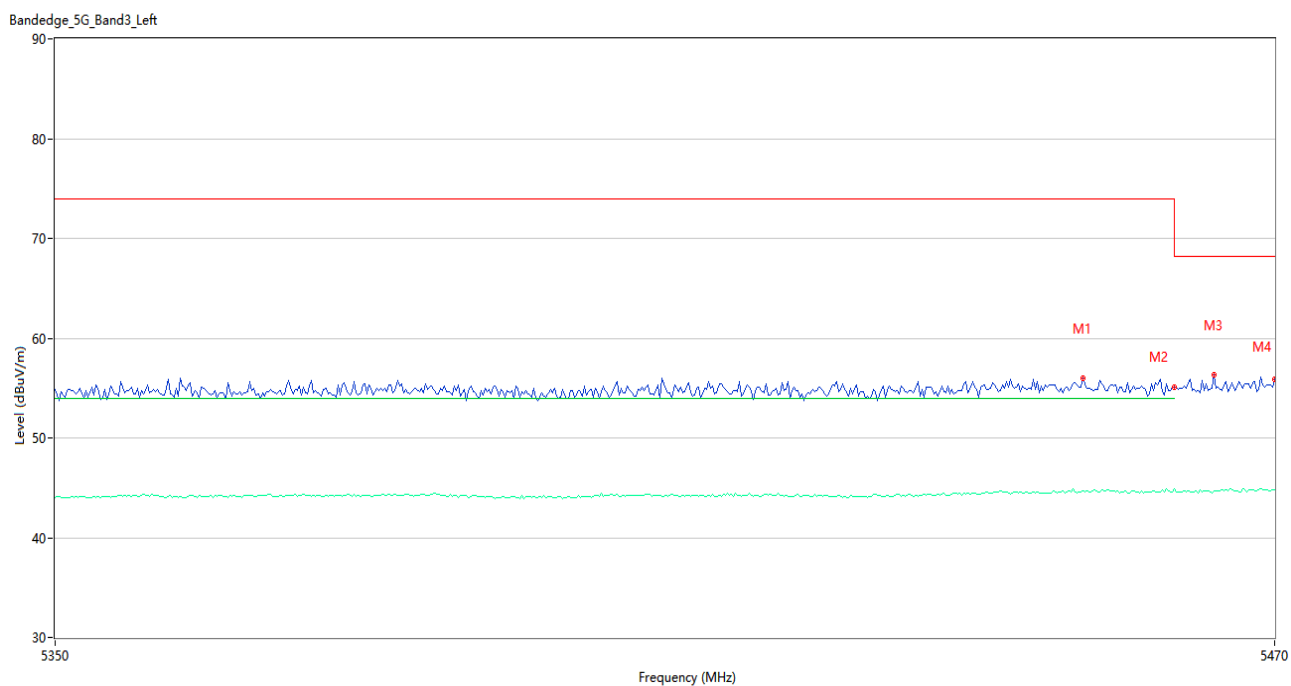
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.600	58.98	1.23	74.0	15.02	Peak	266.00	100	Vertical	Pass
1**	5459.600	46.28	1.23	54.0	7.72	AV	266.00	100	Vertical	Pass
2	5460.000	58.17	1.23	74.0	15.83	Peak	274.00	200	Vertical	Pass
2**	5460.000	46.37	1.23	54.0	7.63	AV	274.00	200	Vertical	Pass
3	5470.000	63.70	1.37	68.2	4.50	Peak	271.00	200	Vertical	Pass
3**	5470.000	51.58	1.37	--	--	AV	271.00	200	Vertical	N/A

U-NII-2C 11n40 High Channel



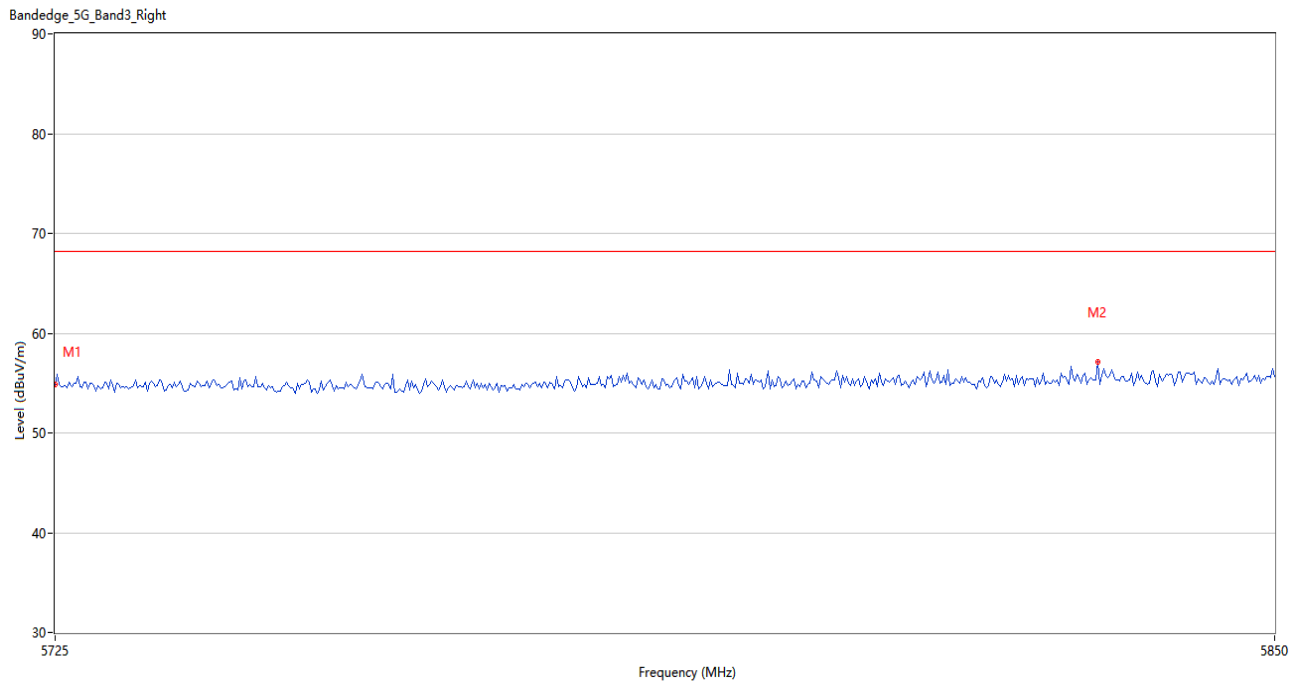
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.34	0.63	68.2	13.86	Peak	0.00	150	Vertical	Pass
2	5783.125	56.66	1.30	68.2	11.54	Peak	83.00	100	Vertical	Pass

U-NII-2C 11ac20 Low Channel



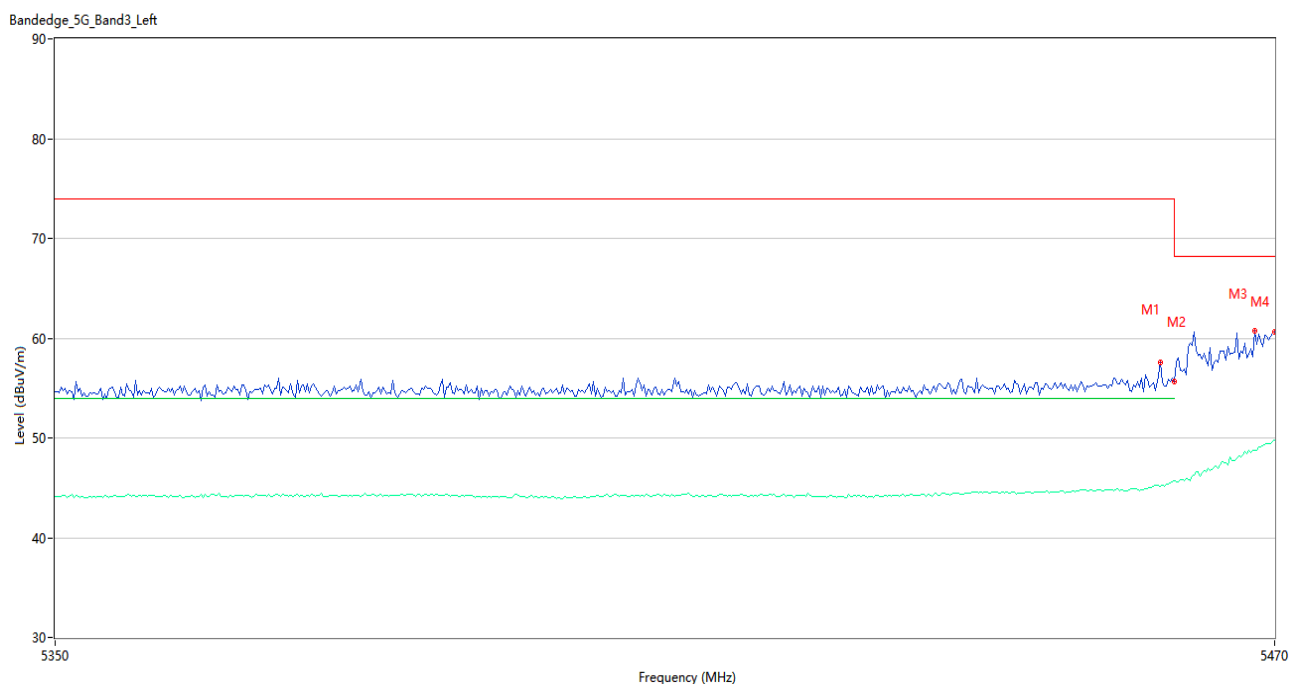
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5451.000	56.00	1.26	74.0	18.00	Peak	116.00	200	Vertical	Pass
1**	5451.000	44.71	1.26	54.0	9.29	AV	116.00	200	Vertical	Pass
2	5460.000	55.05	1.23	74.0	18.95	Peak	135.00	150	Vertical	Pass
2**	5460.000	44.87	1.23	54.0	9.13	AV	135.00	150	Vertical	Pass
3	5464.000	56.33	1.27	68.2	11.87	Peak	272.00	200	Vertical	Pass
3**	5464.000	44.75	1.27	--	--	AV	272.00	200	Vertical	N/A
4	5470.000	55.93	1.37	68.2	12.27	Peak	269.00	200	Vertical	Pass
4**	5470.000	44.75	1.37	--	--	AV	269.00	200	Vertical	N/A

U-NII-2C 11ac20 High Channel



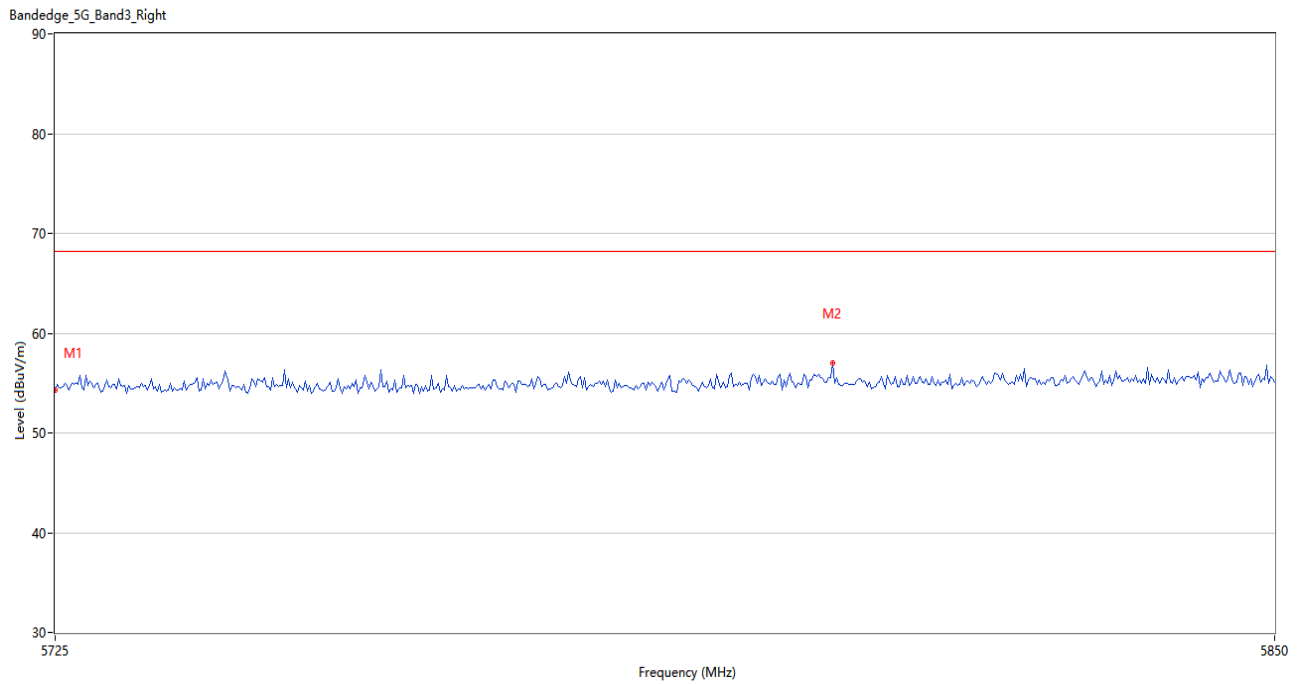
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.92	0.63	68.2	13.28	Peak	147.00	200	Vertical	Pass
2	5831.667	57.13	1.31	68.2	11.07	Peak	224.00	150	Vertical	Pass

U-NII-2C 11ac40 Low Channel



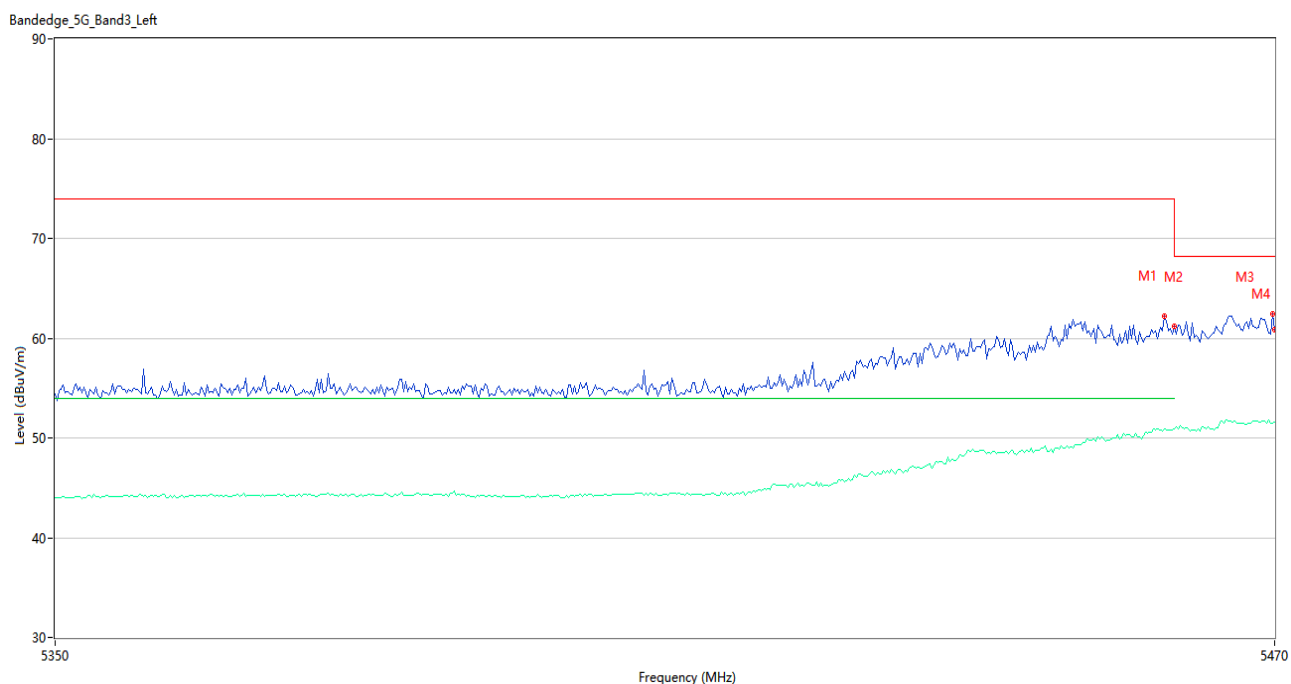
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.600	57.54	1.22	74.0	16.46	Peak	268.00	150	Vertical	Pass
1**	5458.600	45.10	1.22	54.0	8.90	AV	268.00	150	Vertical	Pass
2	5460.000	55.64	1.23	74.0	18.36	Peak	256.00	150	Vertical	Pass
2**	5460.000	45.66	1.23	54.0	8.34	AV	256.00	150	Vertical	Pass
3	5468.000	60.72	1.34	68.2	7.48	Peak	270.00	200	Vertical	Pass
3**	5468.000	48.70	1.34	--	--	AV	270.00	200	Vertical	N/A
4	5470.000	60.64	1.37	68.2	7.56	Peak	281.00	150	Vertical	Pass
4**	5470.000	49.76	1.37	--	--	AV	281.00	150	Vertical	N/A

U-NII-2C 11ac40 High Channel



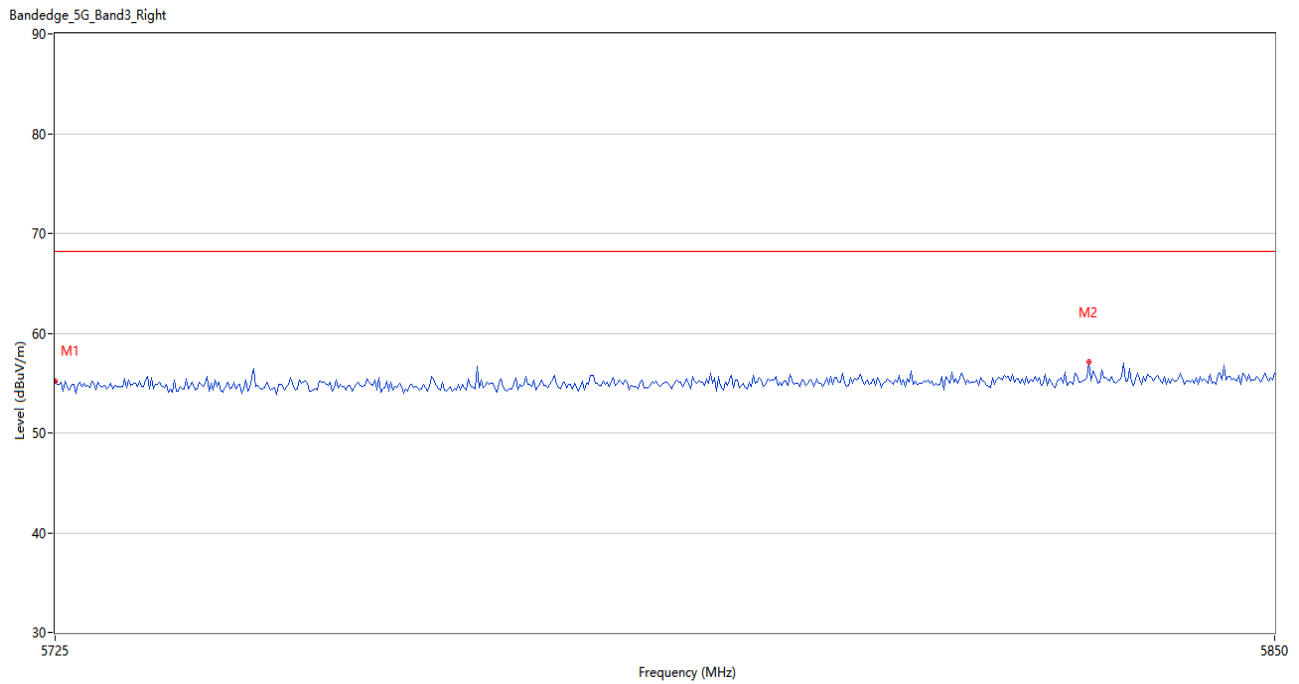
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.32	0.63	68.2	13.88	Peak	119.00	150	Vertical	Pass
2	5804.375	56.97	1.27	68.2	11.23	Peak	319.00	200	Vertical	Pass

U-NII-2C 11ac80 Low Channel



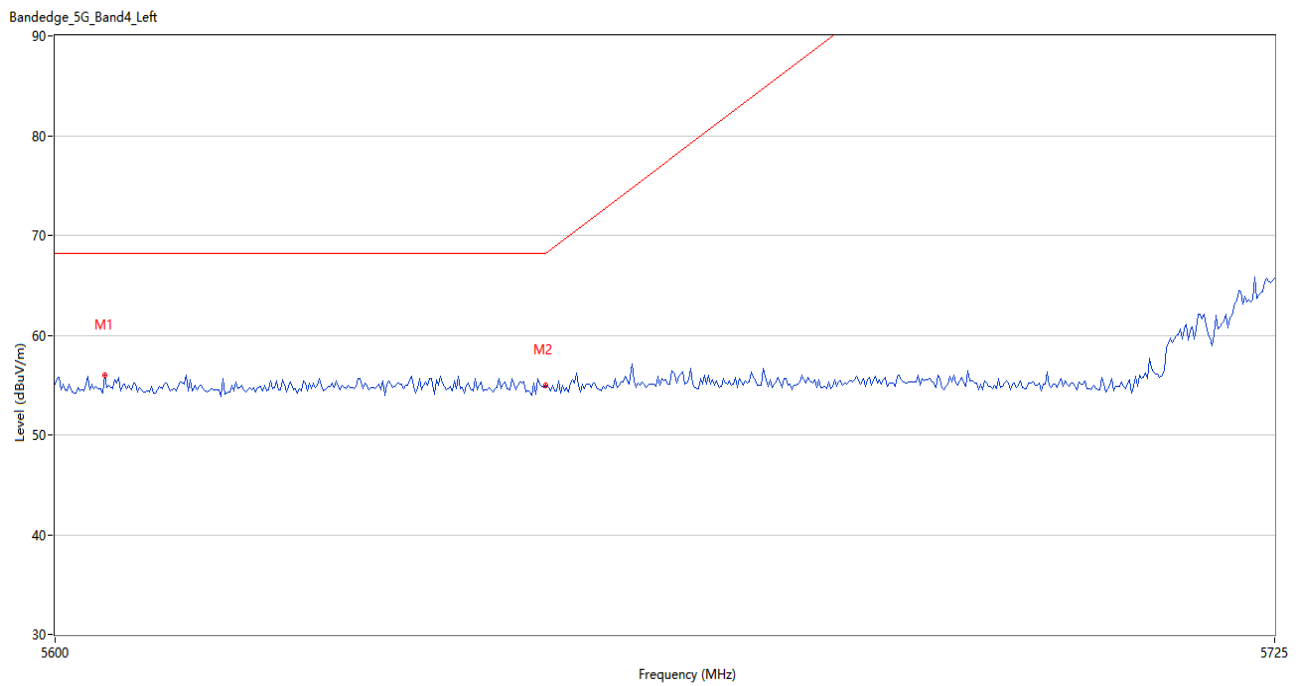
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.000	62.23	1.24	74.0	11.77	Peak	284.00	150	Vertical	Pass
1**	5459.000	50.95	1.24	54.0	3.05	AV	284.00	150	Vertical	Pass
2	5460.000	61.18	1.23	74.0	12.82	Peak	273.00	200	Vertical	Pass
2**	5460.000	50.96	1.23	54.0	3.04	AV	273.00	200	Vertical	Pass
3	5469.800	62.41	1.38	68.2	5.79	Peak	264.00	200	Vertical	Pass
3**	5469.800	51.46	1.38	--	--	AV	264.00	200	Vertical	N/A
4	5470.000	60.88	1.37	68.2	7.32	Peak	270.00	200	Vertical	Pass
4**	5470.000	51.60	1.37	--	--	AV	270.00	200	Vertical	N/A

U-NII-2C 11ac80 High Channel



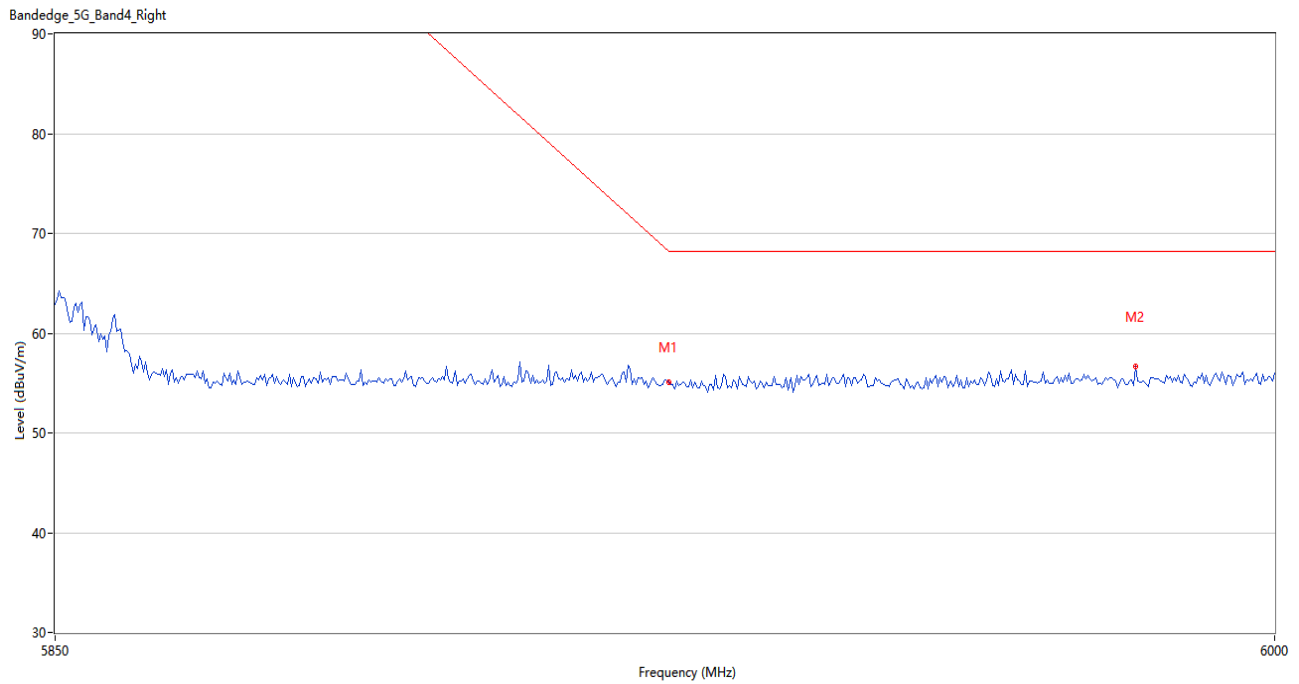
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	55.18	0.63	68.2	13.02	Peak	359.00	150	Vertical	Pass
2	5830.834	57.11	1.30	68.2	11.09	Peak	186.00	200	Vertical	Pass

U-NII-3 11a Low Channel



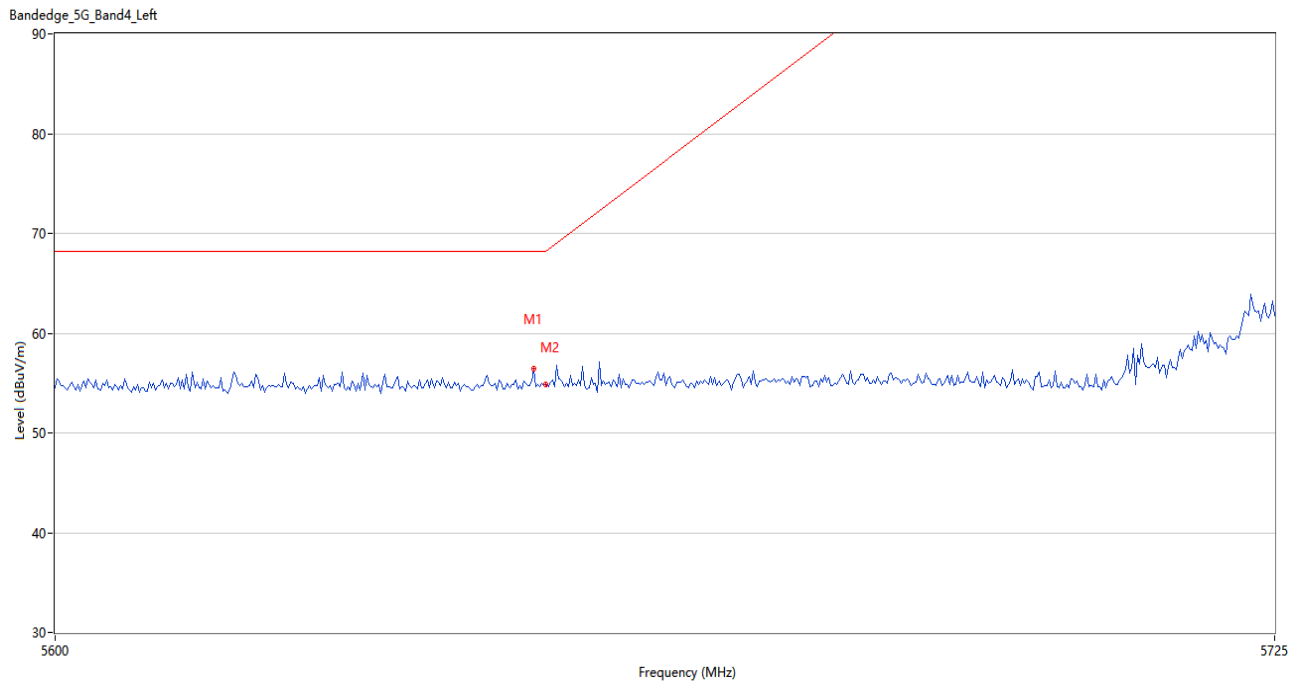
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5605.000	56.02	0.66	68.2	12.18	Peak	251.00	100	Vertical	Pass
2	5650.000	54.98	0.79	68.2	13.22	Peak	284.00	200	Vertical	Pass

U-NII-3 11a High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.06	1.08	68.2	13.14	Peak	137.00	150	Vertical	Pass
2	5982.750	56.66	0.93	68.2	11.54	Peak	65.00	200	Vertical	Pass

U-NII-3 11n20 Low Channel



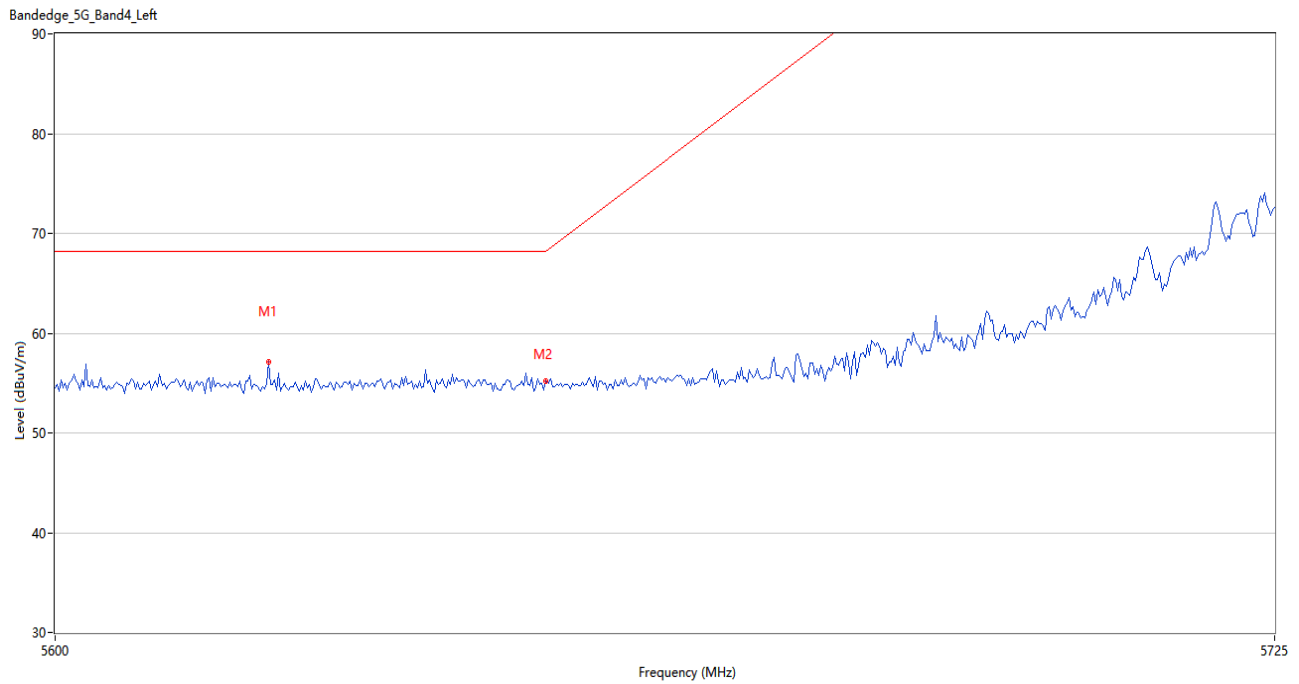
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.750	56.45	0.77	68.2	11.75	Peak	76.00	100	Vertical	Pass
2	5650.000	54.80	0.79	68.2	13.40	Peak	236.00	200	Vertical	Pass

U-NII-3 11n20 High Channel



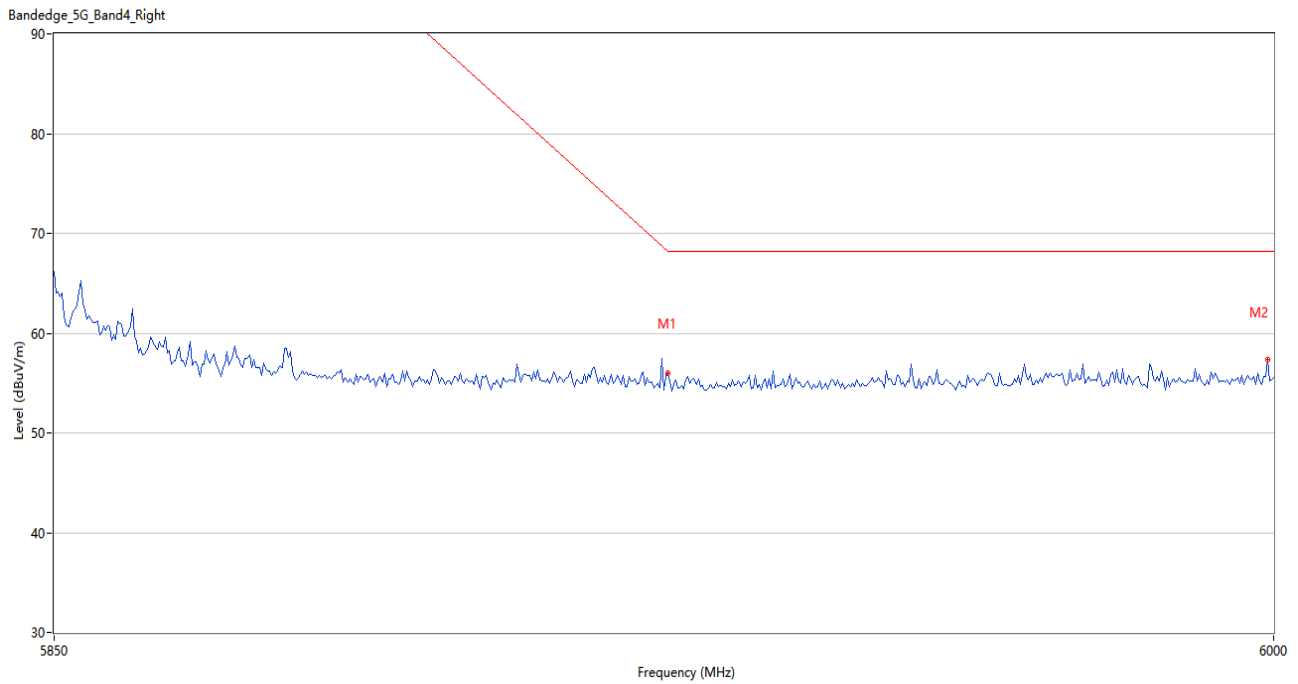
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	54.83	1.08	68.2	13.37	Peak	164.00	100	Vertical	Pass
2	5976.000	56.72	1.09	68.2	11.48	Peak	120.00	100	Vertical	Pass

U-NII-3 11n40 Low Channel



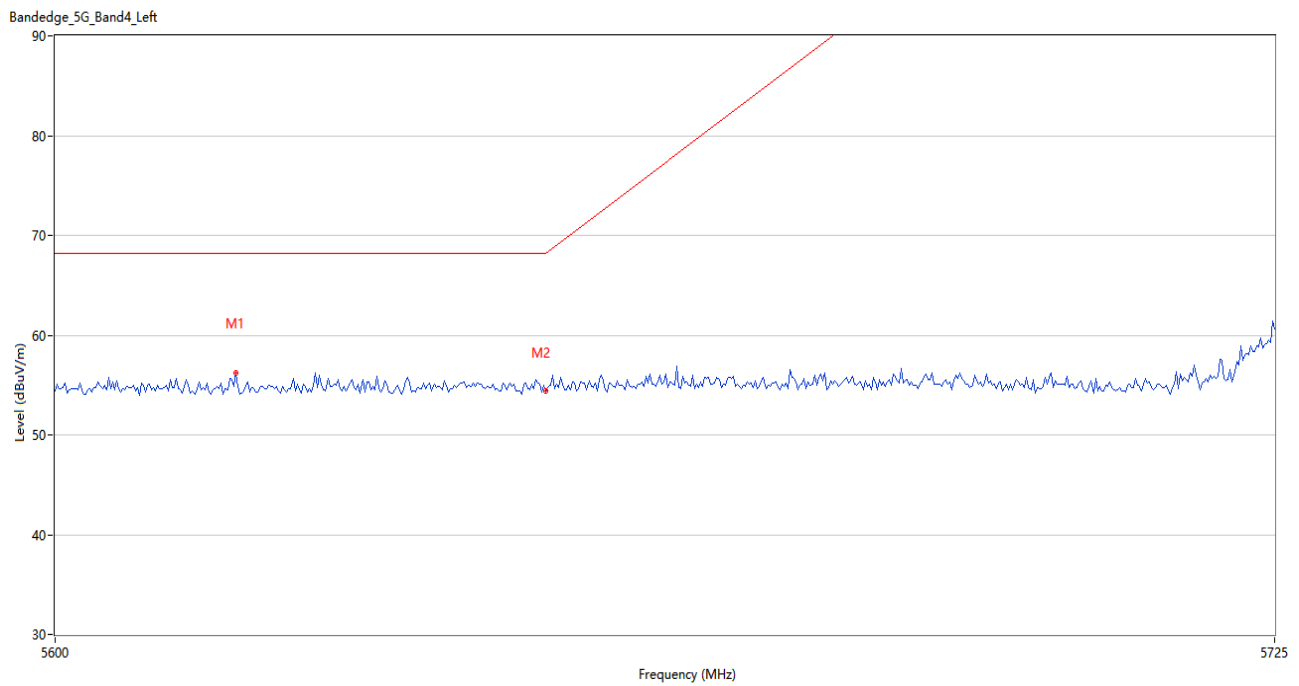
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5621.666	57.16	0.69	68.2	11.04	Peak	257.00	150	Vertical	Pass
2	5650.000	55.19	0.79	68.2	13.01	Peak	23.00	100	Vertical	Pass

U-NII-3 11n40 High Channel



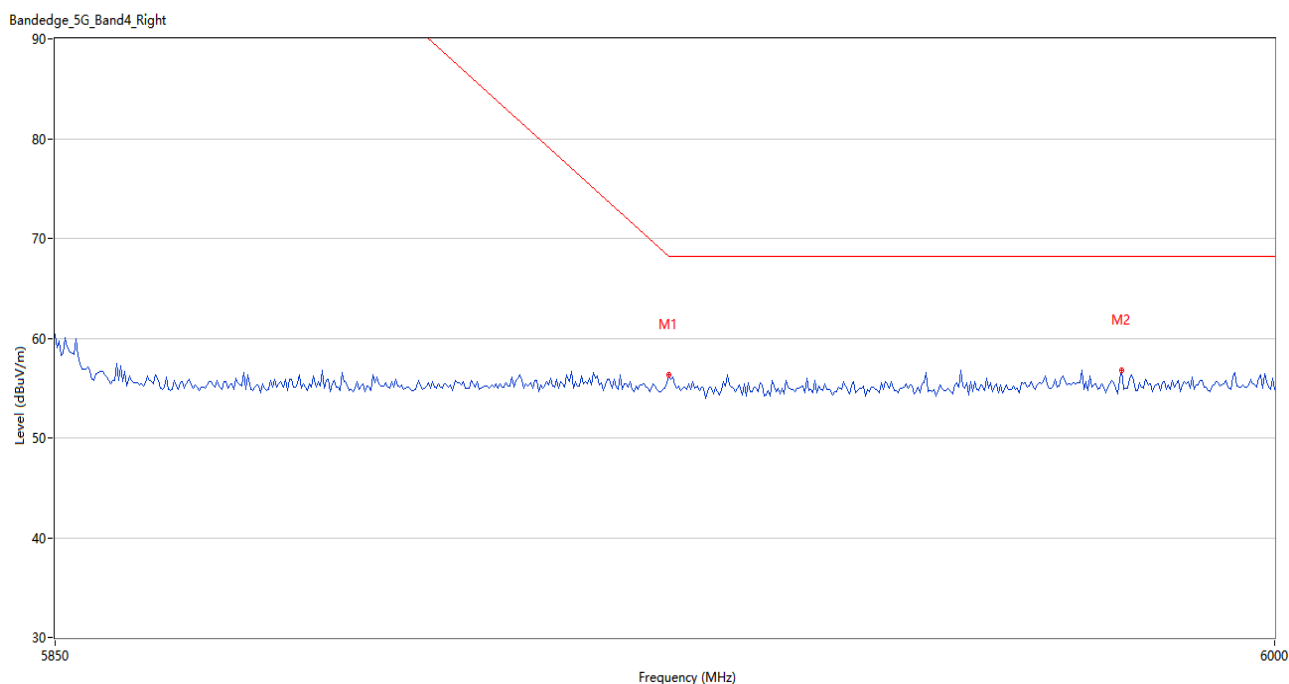
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.97	1.08	68.2	12.23	Peak	23.00	200	Vertical	Pass
2	5999.250	57.39	0.96	68.2	10.81	Peak	43.00	150	Vertical	Pass

U-NII-3 11ac20 Low Channel



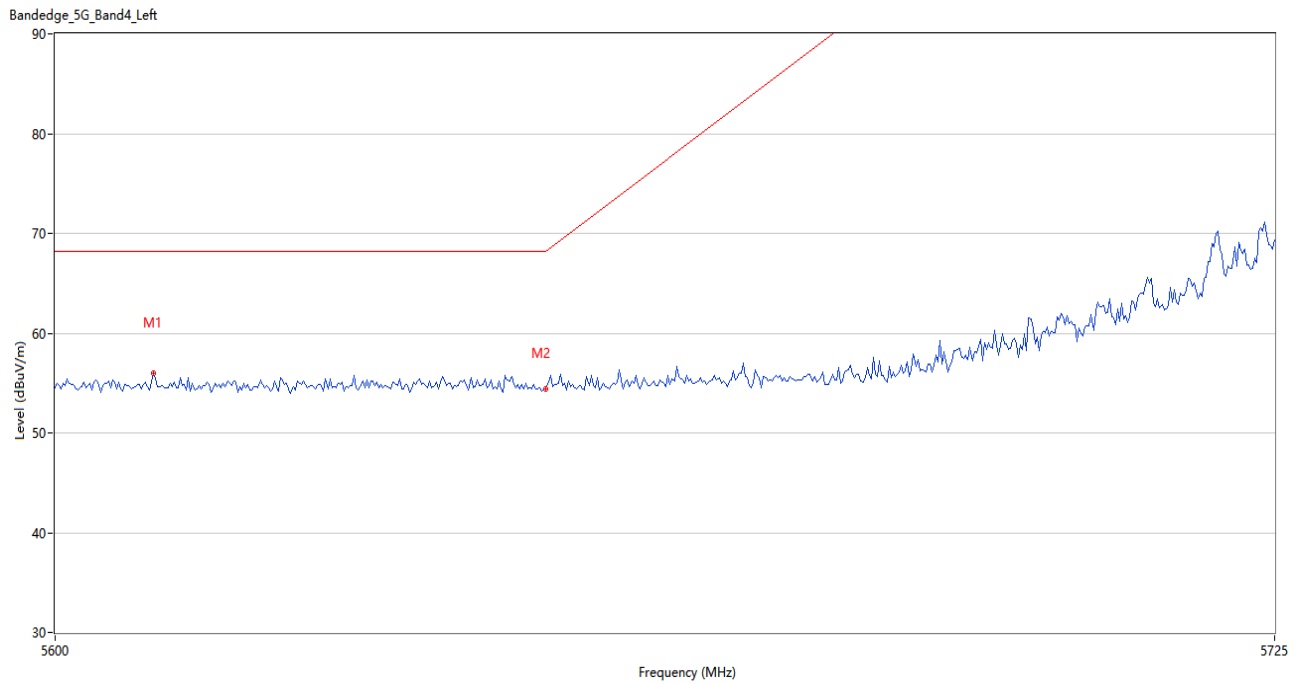
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5618.334	56.23	0.65	68.2	11.97	Peak	67.00	100	Vertical	Pass
2	5650.000	54.42	0.79	68.2	13.78	Peak	110.00	100	Vertical	Pass

U-NII-3 11ac20 High Channel



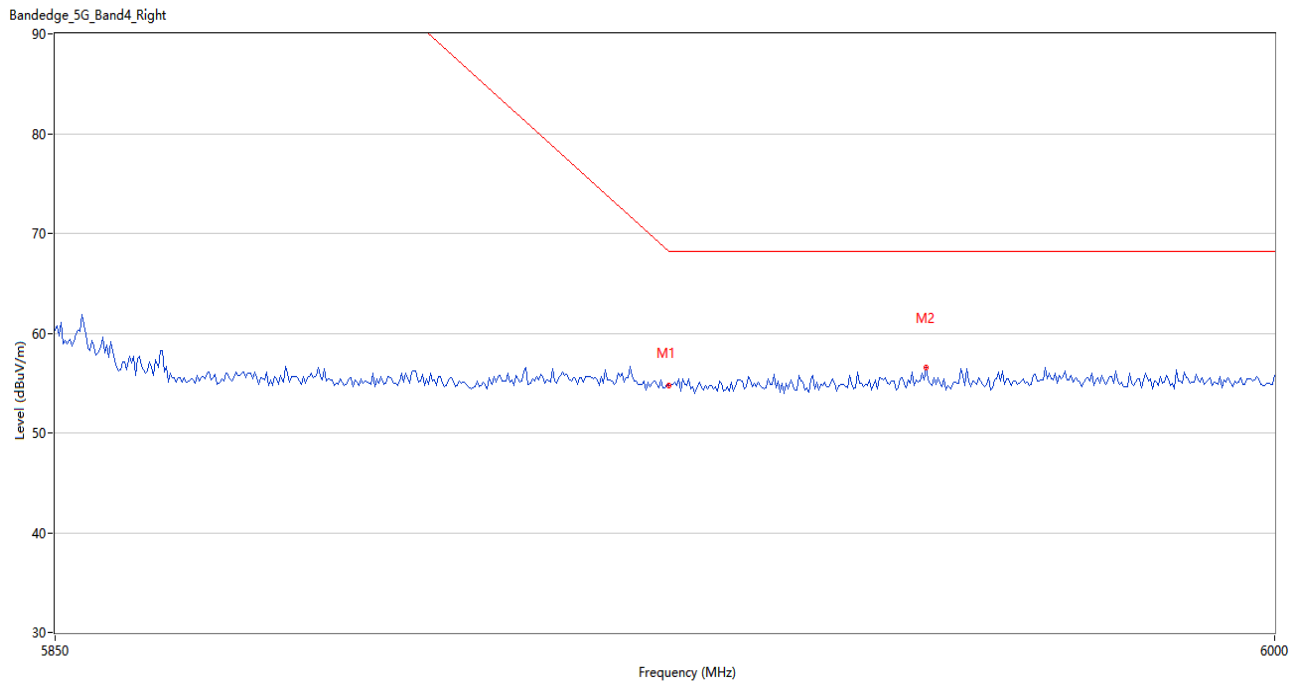
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.37	1.08	68.2	11.83	Peak	240.00	200	Vertical	Pass
2	5981.000	56.83	0.95	68.2	11.37	Peak	221.00	100	Vertical	Pass

U-NII-3 11ac40 Low Channel



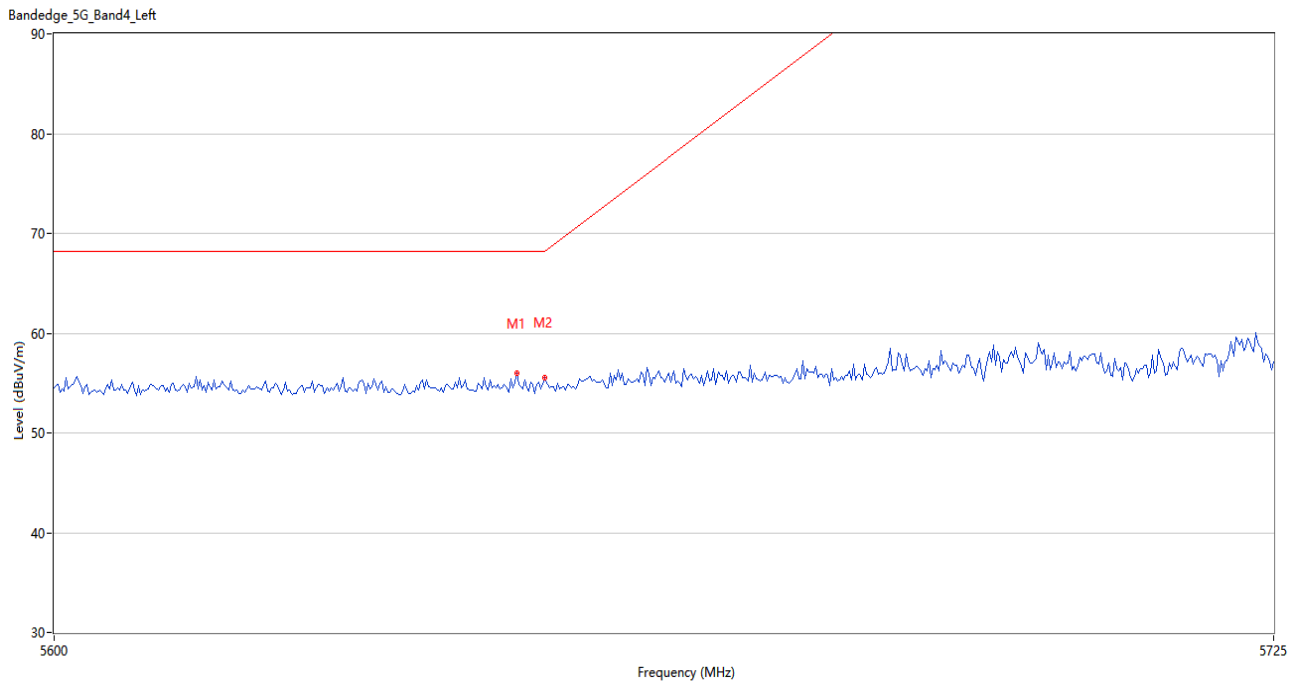
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5610.000	56.03	0.66	68.2	12.17	Peak	65.00	200	Vertical	Pass
2	5650.000	54.37	0.79	68.2	13.83	Peak	97.00	100	Vertical	Pass

U-NII-3 11ac40 High Channel



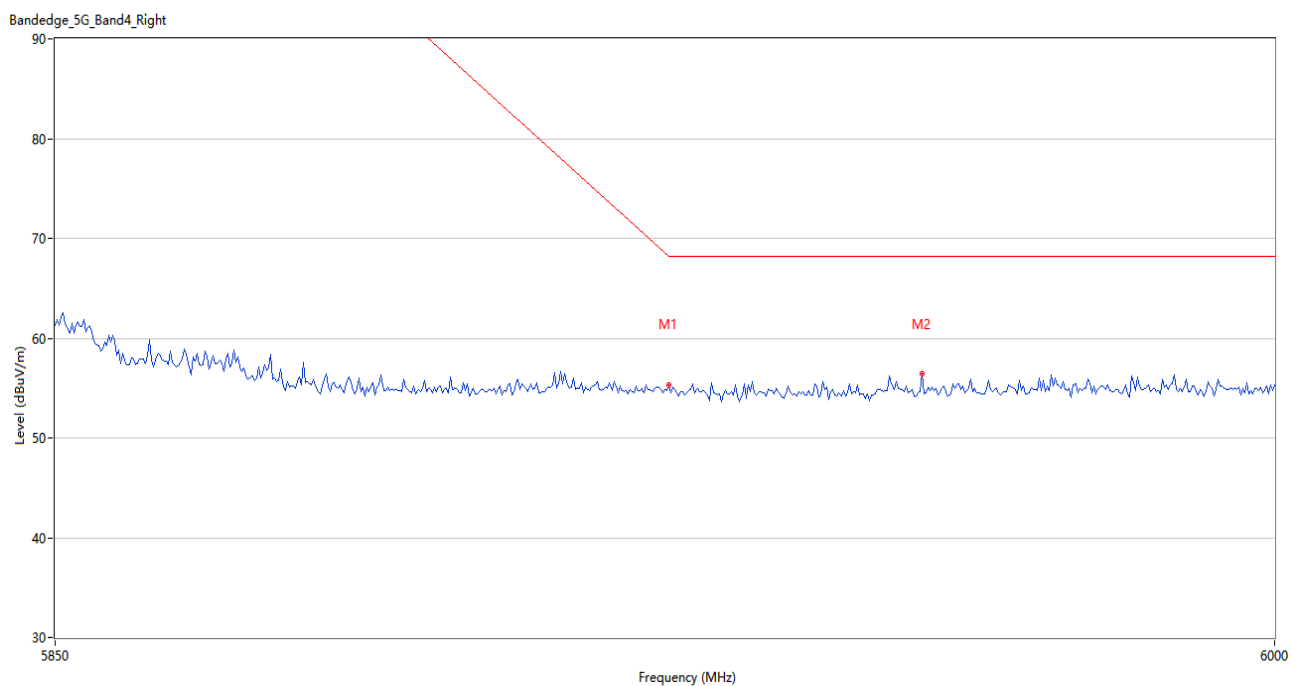
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	54.78	1.08	68.2	13.42	Peak	166.00	200	Vertical	Pass
2	5956.750	56.52	0.95	68.2	11.68	Peak	141.00	150	Vertical	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.084	55.94	0.82	68.2	12.26	Peak	45.00	100	Vertical	Pass
2	5650.000	55.53	0.79	68.2	12.67	Peak	156.00	200	Vertical	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.32	1.08	68.2	12.88	Peak	198.00	200	Vertical	Pass
2	5956.250	56.43	0.96	68.2	11.77	Peak	181.00	200	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2441452-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2441452-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2441452-AI.PDF”.

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--END OF REPORT--