

TEST REPORT

Applicant: E&S International Enterprises, Inc.
Address: 7801 Hayvenhurst Avenue, Van Nuys, CA 91406, USA
Equipment Type: LAPTOP
Model Name: GWTC51427(refer section 2.4)
Brand Name: Gateway
FCC ID: 2AYPE-GWTC51427
Test Standard: 47 CFR Part 15 Subpart E (refer section 3.1)
Test Date: Feb. 22, 2022 - Mar. 08, 2022
Date of Issue: Apr. 06, 2022

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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Approved by: Liao Jianming
(Technical Director)

Liao Jianming

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Apr. 06, 2022</u>	<u>Initial Issue</u>

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1 Administrative Data (GENERAL INFORMATION)

1.1 Identification of the Testing Laboratory

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

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park Shahe Xi Road, Nanshan District Shenzhen, Guangdong Province, People's Republic of China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.
Description	All measurement facilities used to collect the measurement data are located at Block B, 1/F, Baisha Science and Technology Park Shahe Xi Road, Nanshan District Shenzhen, Guangdong Province, People's Republic of China

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	E&S International Enterprises, Inc.
Address	7801 Hayvenhurst Avenue, Van Nuys, CA 91406, USA

2.2 Manufacturer Information

Manufacturer	E&S International Enterprises, Inc.
Address	7801 Hayvenhurst Avenue, Van Nuys, CA 91406, USA

2.3 Factory Information

Factory	E&S International Enterprises, Inc.
Address	7801 Hayvenhurst Avenue, Van Nuys, CA 91406, USA

2.4 General Description for Equipment under Test (EUT)

EUT Name	LAPTOP
Model Name Under Test	GWTC51427
Series Model Name	GWTC51427-BK, GWTC51427-BL, GWTC51427-RG, GWTC51427-SL
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in shell color and model name.
Hardware Version	TU140AR110
Software Version	21H2
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 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
Product Type	Portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 14.99 dBm U-NII-2A: 14.94 dBm U-NII-2C: 14.86 dBm U-NII-3: 14.85 dBm
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	FPC Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz:2.84 dBi U-NII-2A: 5250 MHz to 5350 MHz:2.84 dBi U-NII-2C: 5470 MHz to 5725 MHz: 2.84 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.84 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
About the Product	The equipment is LAPTOP intended for used with information technology equipment.

2.6 Additional Instructions

EUT Software Settings:

Mode	☒ Special software is used. The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.
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During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

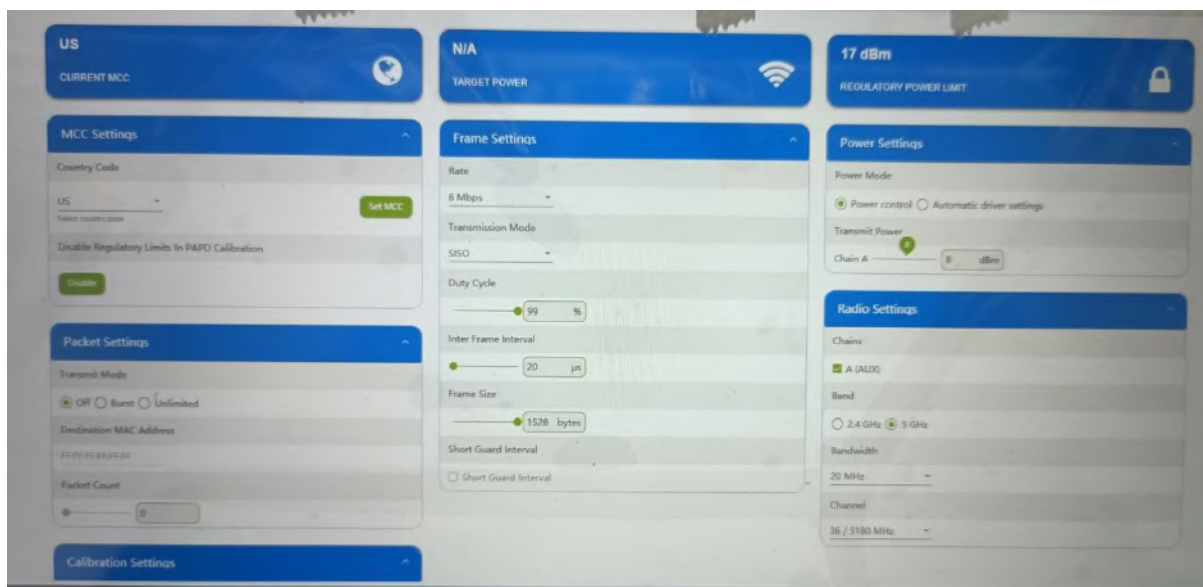
Test Software Version	DRTU		
U-NII-1 (5150 - 5250 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH36	5180	14.5
11a	CH44	5220	14.5
11a	CH48	5240	14.5
11n (HT20)	CH36	5180	12.5
11n (HT20)	CH44	5220	12.5
11n (HT20)	CH48	5240	12.5
11n (HT40)	CH38	5190	11.5
11n (HT40)	CH46	5230	11.5
11ac (VHT20)	CH36	5180	11.5
11ac (VHT20)	CH44	5220	11.5
11ac (VHT20)	CH48	5240	11.5
11ac (VHT40)	CH38	5190	11.0
11ac (VHT40)	CH46	5230	11.0
11ac (VHT80)	CH42	5210	11.0

U-NII-2A (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH52	5260	14.5
11a	CH60	5300	14.5
11a	CH64	5320	14.5
11n (HT20)	CH52	5260	13.0
11n (HT20)	CH60	5300	12.5
11n (HT20)	CH64	5320	12.5
11n (HT40)	CH54	5270	11.5
11n (HT40)	CH62	5310	11.5
11ac (VHT20)	CH52	5260	11.5
11ac (VHT20)	CH60	5300	11.5
11ac (VHT20)	CH64	5320	11.5
11ac (VHT40)	CH54	5270	11.5
11ac (VHT40)	CH62	5310	11.0
11ac (VHT80)	CH58	5290	11.5

U-NII-2C (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH100	5500	14.5
11a	CH116	5580	14.5
11a	CH140	5700	14.5
11n (HT20)	CH100	5500	13.0
11n (HT20)	CH116	5580	12.5
11n (HT20)	CH140	5700	13.0
11n (HT40)	CH102	5510	11.5
11n (HT40)	CH118	5590	11.5
11n (HT40)	CH134	5670	11.5
11ac (VHT20)	CH100	5500	11.5
11ac (VHT20)	CH116	5580	11.5
11ac (VHT20)	CH140	5700	12.0
11ac (VHT40)	CH102	5510	11.5
11ac (VHT40)	CH118	5590	11.5
11ac (VHT40)	CH134	5670	11.5
11ac (VHT80)	CH106	5530	11.0
11ac (VHT80)	CH122	5610	11.5

U-NII-3 (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH149	5745	14.0
11a	CH157	5785	14.5
11a	CH165	5825	14.5
11n (HT20)	CH149	5745	12.5
11n (HT20)	CH157	5785	12.5
11n (HT20)	CH165	5825	12.5
11n (HT40)	CH151	5755	11.0
11n (HT40)	CH159	5795	11.5
11ac (VHT20)	CH149	5745	11.5
11ac (VHT20)	CH157	5785	11.5
11ac (VHT20)	CH165	5825	11.5
11ac (VHT40)	CH151	5755	11.0
11ac (VHT40)	CH159	5795	11.5
11ac (VHT80)	CH155	5775	11.5

Run Software:



2.7 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 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	151	Low	5755
118	Mid	5590	159	High	5795
134	High	5670			

For 802.11ac(VHT80)

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

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

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

following table is a list of the test modes shown in this test report.

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

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

3.2 Test Verdict

No.	Description	FCC Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass ^{Note1}
2	RF Output Power	15.407(a)	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	ANNEX A.4	Pass
6	Conducted Emission	15.207	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	ANNEX A.6	Pass
8	Receiver Spurious Emissions	--	--	N/A ^{Note2}

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

Note ²: Only radio communication receivers operating in stand-alone mode within the U-NII-30-960 MHz, as well as scanner receivers, are subject to Industry Canada requirements, so this test is not applicable.

Note ³: 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	45% to 55%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22°C to +25°C
	LT (Low Temperature)	-10°C
	HT (High Temperature)	+45°C
Working Voltage of the EUT	NV (Normal Voltage)	11.04 V
	LV (Low Voltage)	10.50 V
	HV (High Voltage)	13.05 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2022.01.04	2023.01.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2021.06.01	2022.05.31
Bluetooth Signaling Unit	ROHDE&SCHWARZ	CMW500	142028	2021.06.01	2022.05.31
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-30	103118	2021.08.09	2022.08.08
Vector Signal Generator	ROHDE&SCHWARZ	SMBV100A	260592	2022.02.09	2023.02.08
Signal Generator	ROHDE&SCHWARZ	SMB100A	177746	2021.08.24	2022.08.23
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2021.06.01	2022.05.31
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2021.09.13	2022.09.12
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2021.10.10	2022.10.09
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2021.06.08	2022.06.07
LISN	SCHWARZBECK	NSLK 8127	8127-687	2021.04.16	2024.04.15
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2021.08.20	2024.08.19
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2019.07.02	2022.07.01
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1917	2021.07.02	2023.07.01
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2022.02.19	2024.09.03
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2021.08.15	2024.08.14
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	N/A	2022.01.04	2023.01.03
Shielded Enclosure	ChangNing	CN-130701	130703	--	--

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2021.09.04	2024.09.09
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	N/A	2021.08.15	2024.08.14
Shielded Enclosure	ChangNing	CN-130701	130703	--	--

4.3 Test Software List

Description	Manufacturer	Software Version	Serial No.	Applicable test Setup
BL410R	BALUN	V2.1.1.488	N/A	The section 4.5.1
BL410E	BALUN	V19.8.28.435	N/A	The section 4.5.2&4.5.3&4.5.4&4.5.5

4.4 Measurement Uncertainty

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

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

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

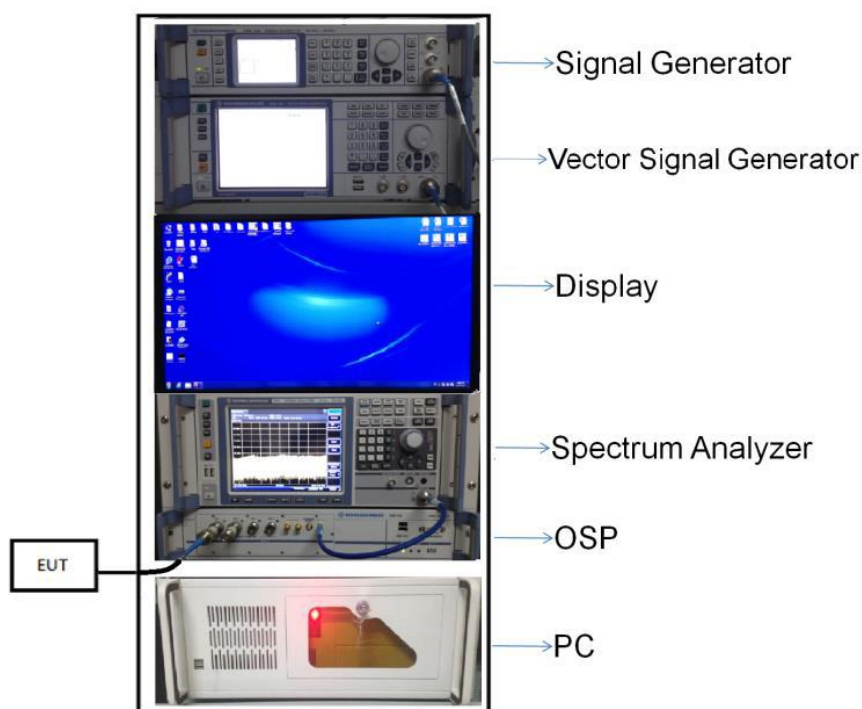
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

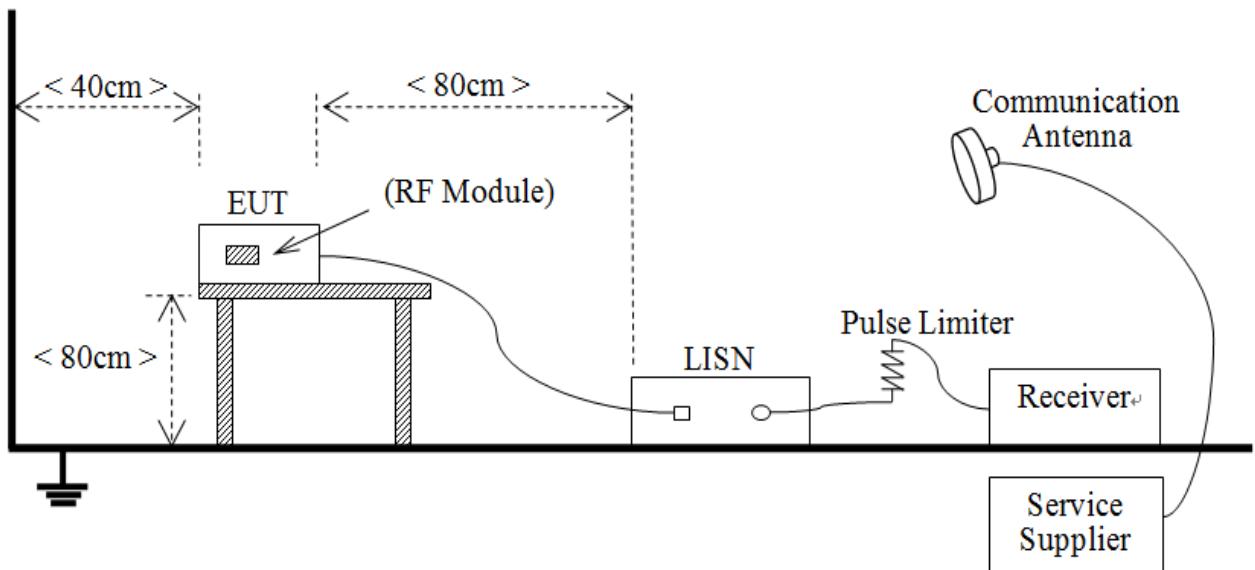
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



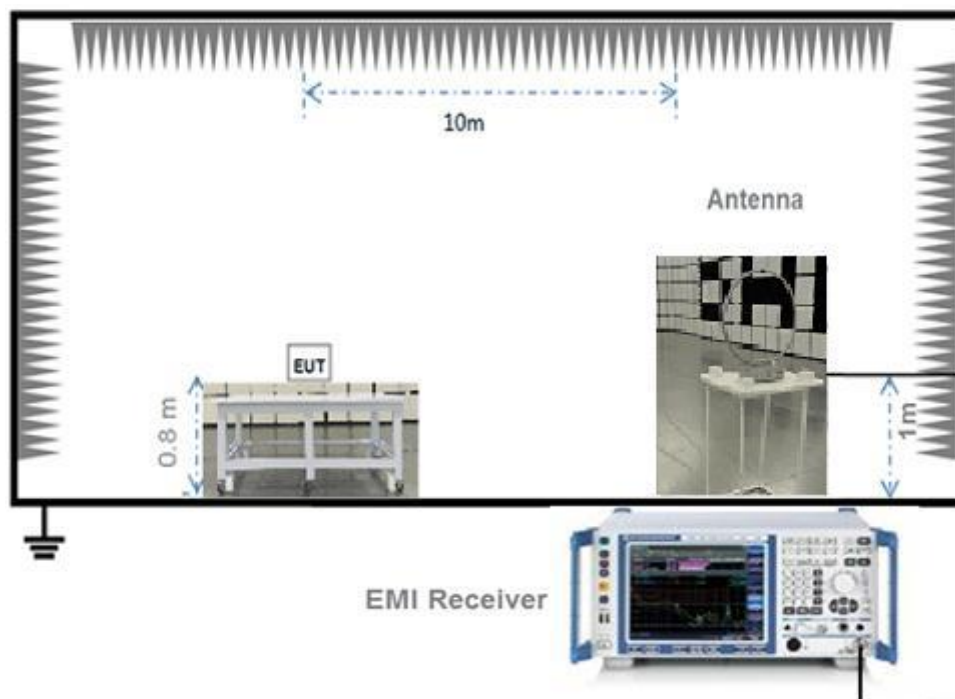
(Diagram 1)

4.5.2 For AC Power Supply Port Test



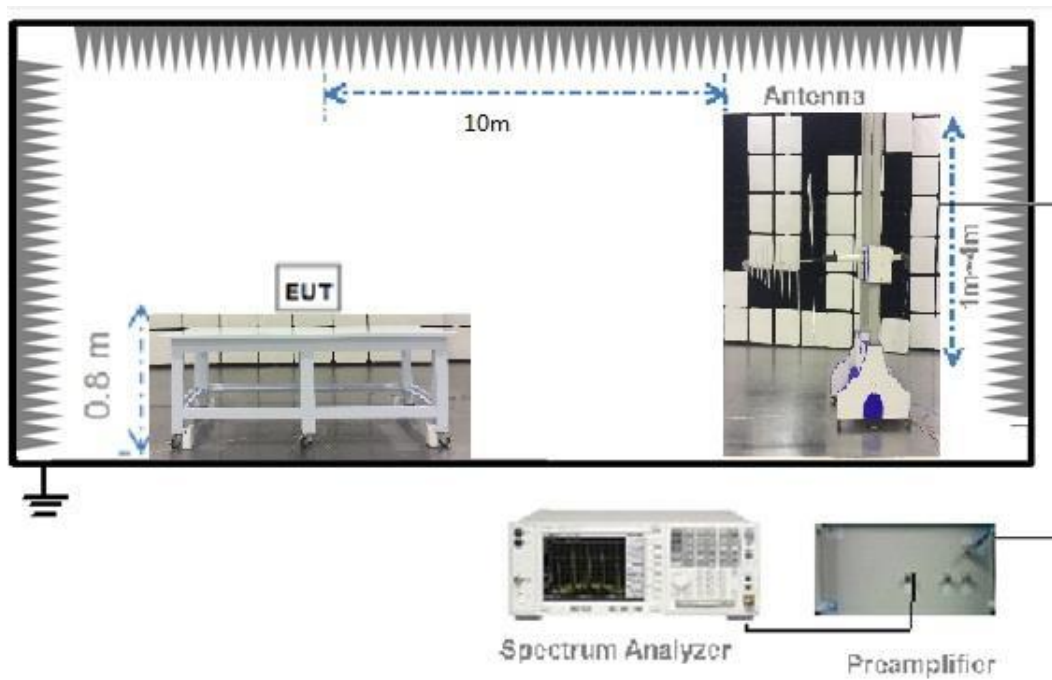
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



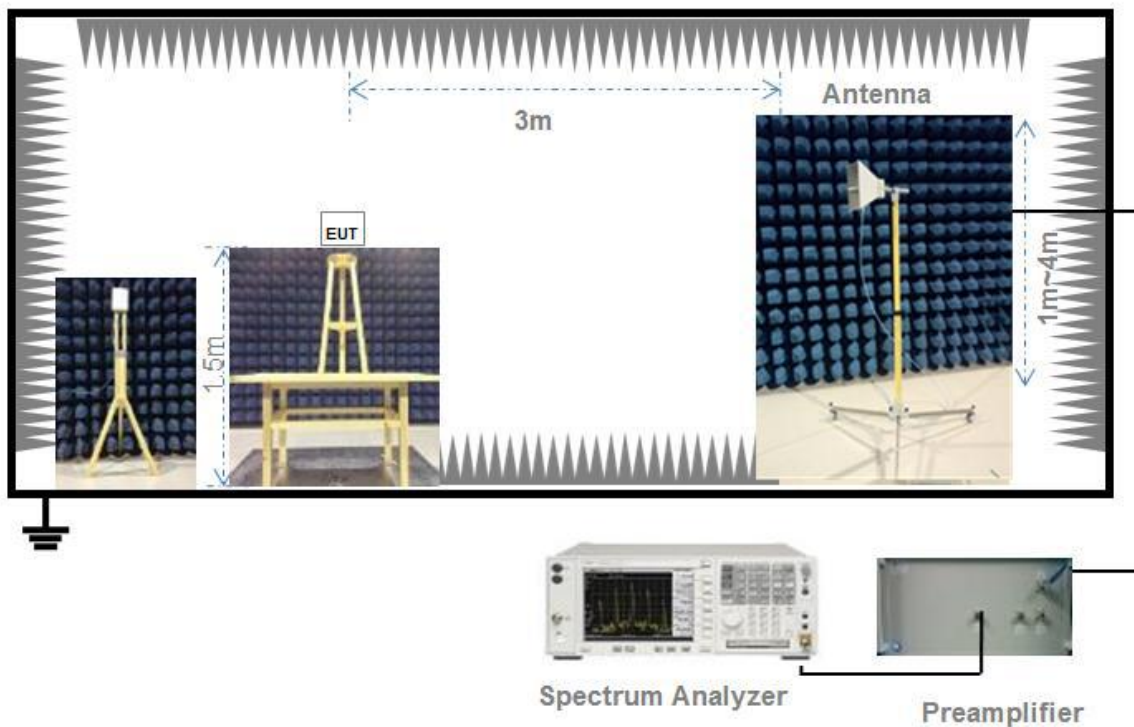
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

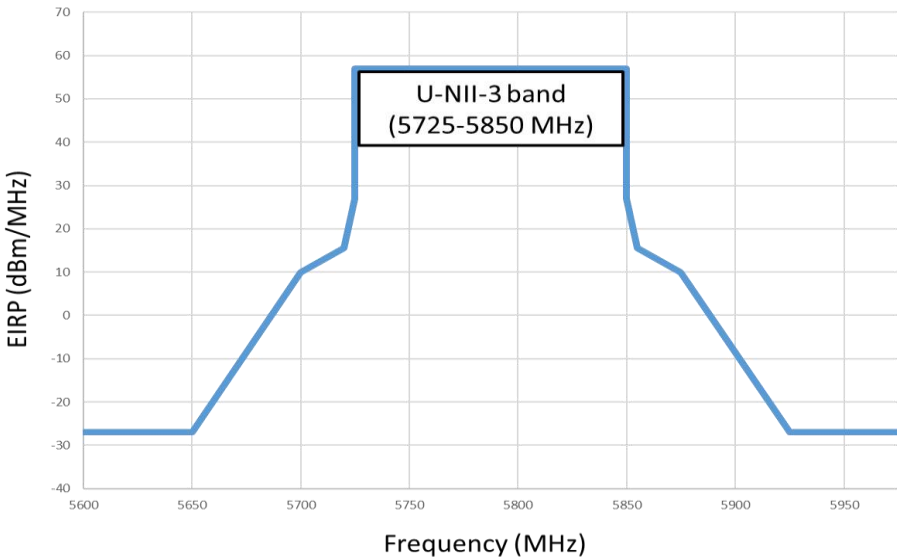
5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

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

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

- a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- b) Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP level (see guidance on determining the applicable antenna gain)
- c) 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).
- d) 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).
- e) 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.

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

Quasi-Peak measurement procedure

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

Electrotechnical Commission.

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

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

averaging shall not be used.

g) Sweep time = auto.

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	2.02	2.10	96.61%
11n (HT20)/11ac (VHT20)	1.91	1.96	97.80%
11n (HT40)/11ac (VHT40)	0.94	0.99	94.72%
11ac (VHT80)	0.45	0.50	91.45%

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.97	31.41	250	Pass
11a	CH44	14.99	31.55	250	Pass
11a	CH48	14.93	31.12	250	Pass
11n (HT20)	CH36	12.72	18.71	250	Pass
11n (HT20)	CH44	12.61	18.24	250	Pass
11n (HT20)	CH48	12.61	18.24	250	Pass
11n (HT40)	CH38	11.93	15.60	250	Pass
11n (HT40)	CH46	11.95	15.67	250	Pass
11ac (VHT20)	CH36	11.74	14.93	250	Pass
11ac (VHT20)	CH44	11.66	14.66	250	Pass
11ac (VHT20)	CH48	11.66	14.66	250	Pass
11ac (VHT40)	CH38	11.81	15.17	250	Pass
11ac (VHT40)	CH46	11.74	14.93	250	Pass
11ac (VHT80)	CH42	11.97	15.74	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.94	31.19	250	Pass
11a	CH60	14.92	31.05	250	Pass
11a	CH64	14.90	30.90	250	Pass
11n (HT20)	CH52	12.94	19.68	250	Pass
11n (HT20)	CH60	12.66	18.45	250	Pass
11n (HT20)	CH64	12.64	18.37	250	Pass
11n (HT40)	CH54	11.92	15.56	250	Pass
11n (HT40)	CH62	11.89	15.45	250	Pass
11ac (VHT20)	CH52	11.69	14.76	250	Pass
11ac (VHT20)	CH60	11.79	15.10	250	Pass
11ac (VHT20)	CH64	11.70	14.79	250	Pass
11ac (VHT40)	CH54	11.99	15.81	250	Pass
11ac (VHT40)	CH62	11.92	15.56	250	Pass
11ac (VHT80)	CH58	11.97	15.74	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	14.76	29.92	250	Pass
11a	CH116	14.86	30.62	250	Pass
11a	CH140	14.71	29.58	250	Pass
11n (HT20)	CH100	12.95	19.72	250	Pass
11n (HT20)	CH116	12.79	19.01	250	Pass
11n (HT20)	CH140	12.88	19.41	250	Pass
11n (HT40)	CH102	11.92	15.56	250	Pass
11n (HT40)	CH118	11.98	15.78	250	Pass
11n (HT40)	CH134	11.96	15.70	250	Pass
11ac (VHT20)	CH100	11.63	14.55	250	Pass
11ac (VHT20)	CH116	11.72	14.86	250	Pass
11ac (VHT20)	CH140	11.94	15.63	250	Pass
11ac (VHT40)	CH102	11.97	15.74	250	Pass
11ac (VHT40)	CH118	11.81	15.17	250	Pass
11ac (VHT40)	CH134	11.92	15.56	250	Pass
11ac (VHT80)	CH106	11.91	15.52	250	Pass
11ac (VHT80)	CH122	11.98	15.78	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.75	29.85	1000	Pass
11a	CH157	14.85	30.55	1000	Pass
11a	CH165	14.85	30.55	1000	Pass
11n (HT20)	CH149	12.93	19.63	1000	Pass
11n (HT20)	CH157	12.70	18.62	1000	Pass
11n (HT20)	CH165	12.72	18.71	1000	Pass
11n (HT40)	CH151	11.98	15.78	1000	Pass
11n (HT40)	CH159	11.71	14.83	1000	Pass
11ac (VHT20)	CH149	11.87	15.38	1000	Pass
11ac (VHT20)	CH157	11.79	15.10	1000	Pass
11ac (VHT20)	CH165	11.89	15.45	1000	Pass
11ac (VHT40)	CH151	11.87	15.38	1000	Pass
11ac (VHT40)	CH159	11.81	15.17	1000	Pass
11ac (VHT80)	CH155	11.96	15.70	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2220502-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	23.61	16.64
11a	CH44	23.34	16.65
11a	CH48	23.65	16.64
11n (HT20)	CH36	23.73	17.74
11n (HT20)	CH44	23.59	17.71
11n (HT20)	CH48	23.82	17.72
11n (HT40)	CH38	44.14	36.12
11n (HT40)	CH46	44.12	36.09
11ac (VHT20)	CH36	23.84	17.74
11ac (VHT20)	CH44	23.63	17.71
11ac (VHT20)	CH48	23.53	17.71
11ac (VHT40)	CH38	43.97	36.12
11ac (VHT40)	CH46	44.01	36.09
11ac (VHT80)	CH42	85.10	75.22

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	23.11	16.64
11a	CH60	23.71	16.61
11a	CH64	23.39	16.65
11n (HT20)	CH52	23.60	17.71
11n (HT20)	CH60	23.84	17.72
11n (HT20)	CH64	23.50	17.72
11n (HT40)	CH54	43.92	36.12
11n (HT40)	CH62	43.87	36.06
11ac (VHT20)	CH52	23.69	17.74
11ac (VHT20)	CH60	23.63	17.73
11ac (VHT20)	CH64	23.62	17.74
11ac (VHT40)	CH54	44.11	36.12
11ac (VHT40)	CH62	42.71	36.01
11ac (VHT80)	CH58	88.37	75.30

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	23.54	16.62
11a	CH116	23.21	16.61
11a	CH140	23.25	16.62
11n (HT20)	CH100	23.51	17.70
11n (HT20)	CH116	23.28	17.70
11n (HT20)	CH140	23.47	17.71
11n (HT40)	CH102	44.10	36.12
11n (HT40)	CH118	43.94	36.11
11n (HT40)	CH134	43.97	36.11
11ac (VHT20)	CH100	23.43	17.71
11ac (VHT20)	CH116	23.66	17.71
11ac (VHT20)	CH140	23.71	17.72
11ac (VHT40)	CH102	44.14	36.12
11ac (VHT40)	CH118	44.08	36.11
11ac (VHT40)	CH134	43.95	36.09
11ac (VHT80)	CH106	85.55	75.17
11ac (VHT80)	CH122	86.89	75.22

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	23.84	16.66
11a	CH157	23.57	16.66
11a	CH165	23.64	16.65
11n (HT20)	CH149	23.52	17.71
11n (HT20)	CH157	23.45	17.72
11n (HT20)	CH165	23.70	17.73
11n (HT40)	CH151	43.88	36.14
11n (HT40)	CH159	43.89	36.07
11ac (VHT20)	CH149	23.86	17.72
11ac (VHT20)	CH157	23.66	17.72
11ac (VHT20)	CH165	23.86	17.71
11ac (VHT40)	CH151	44.34	36.15
11ac (VHT40)	CH159	44.12	36.07
11ac (VHT80)	CH155	85.06	75.17

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2220502-604 Data Part 2.pdf".

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.25	500.00	Pass
11a	CH157	15.25	500.00	Pass
11a	CH165	15.25	500.00	Pass
11n (HT20)	CH149	15.25	500.00	Pass
11n (HT20)	CH157	15.20	500.00	Pass
11n (HT20)	CH165	15.25	500.00	Pass
11n (HT40)	CH151	35.15	500.00	Pass
11n (HT40)	CH159	35.15	500.00	Pass
11ac (VHT20)	CH149	15.25	500.00	Pass
11ac (VHT20)	CH157	15.25	500.00	Pass
11ac (VHT20)	CH165	15.80	500.00	Pass
11ac (VHT40)	CH151	35.15	500.00	Pass
11ac (VHT40)	CH159	35.15	500.00	Pass
11ac (VHT80)	CH155	75.20	500.00	Pass

A.4 Power Spectral Density

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2220520-604 Data Part 3.pdf”.

Note ²: The RBW used in U-NII-3 is 1 MHz, and the PSD factor is: $10 \cdot \log(500 \text{ kHz/RBW}) = -3 \text{ dBm}$.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	3.79	11.00	Pass
11a	CH44	3.61	11.00	Pass
11a	CH48	3.55	11.00	Pass
11n (HT20)	CH36	1.43	11.00	Pass
11n (HT20)	CH44	1.21	11.00	Pass
11n (HT20)	CH48	1.18	11.00	Pass
11n (HT40)	CH38	-2.96	11.00	Pass
11n (HT40)	CH46	-3.25	11.00	Pass
11ac (VHT20)	CH36	0.29	11.00	Pass
11ac (VHT20)	CH44	0.04	11.00	Pass
11ac (VHT20)	CH48	-0.13	11.00	Pass
11ac (VHT40)	CH38	-3.55	11.00	Pass
11ac (VHT40)	CH46	-3.77	11.00	Pass
11ac (VHT80)	CH42	-6.95	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	3.22	11.00	Pass
11a	CH60	3.39	11.00	Pass
11a	CH64	3.47	11.00	Pass
11n (HT20)	CH52	1.25	11.00	Pass
11n (HT20)	CH60	0.86	11.00	Pass
11n (HT20)	CH64	1.01	11.00	Pass
11n (HT40)	CH54	-3.60	11.00	Pass
11n (HT40)	CH62	-3.15	11.00	Pass
11ac (VHT20)	CH52	-0.26	11.00	Pass
11ac (VHT20)	CH60	-0.11	11.00	Pass
11ac (VHT20)	CH64	0.17	11.00	Pass
11ac (VHT40)	CH54	-3.58	11.00	Pass
11ac (VHT40)	CH62	-3.92	11.00	Pass
11ac (VHT80)	CH58	-6.65	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	3.87	11.00	Pass
11a	CH116	3.79	11.00	Pass
11a	CH140	3.97	11.00	Pass
11n (HT20)	CH100	2.06	11.00	Pass
11n (HT20)	CH116	1.55	11.00	Pass
11n (HT20)	CH140	2.24	11.00	Pass
11n (HT40)	CH102	-2.82	11.00	Pass
11n (HT40)	CH118	-2.87	11.00	Pass
11n (HT40)	CH134	-2.66	11.00	Pass
11ac (VHT20)	CH100	0.51	11.00	Pass
11ac (VHT20)	CH116	0.27	11.00	Pass
11ac (VHT20)	CH140	1.03	11.00	Pass
11ac (VHT40)	CH102	-2.80	11.00	Pass
11ac (VHT40)	CH118	-2.87	11.00	Pass
11ac (VHT40)	CH134	-2.53	11.00	Pass
11ac (VHT80)	CH106	-6.51	11.00	Pass
11ac (VHT80)	CH122	-5.95	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	0.54	30.00	Pass
11a	CH157	0.69	30.00	Pass
11a	CH165	0.93	30.00	Pass
11n (HT20)	CH149	-1.06	30.00	Pass
11n (HT20)	CH157	-1.59	30.00	Pass
11n (HT20)	CH165	-1.39	30.00	Pass
11n (HT40)	CH151	-6.18	30.00	Pass
11n (HT40)	CH159	-5.70	30.00	Pass
11ac (VHT20)	CH149	-2.21	30.00	Pass
11ac (VHT20)	CH157	-2.74	30.00	Pass
11ac (VHT20)	CH165	-2.59	30.00	Pass
11ac (VHT40)	CH151	-6.26	30.00	Pass
11ac (VHT40)	CH159	-5.79	30.00	Pass
11ac (VHT80)	CH155	-8.66	30.00	Pass

A.5 Conducted Emissions

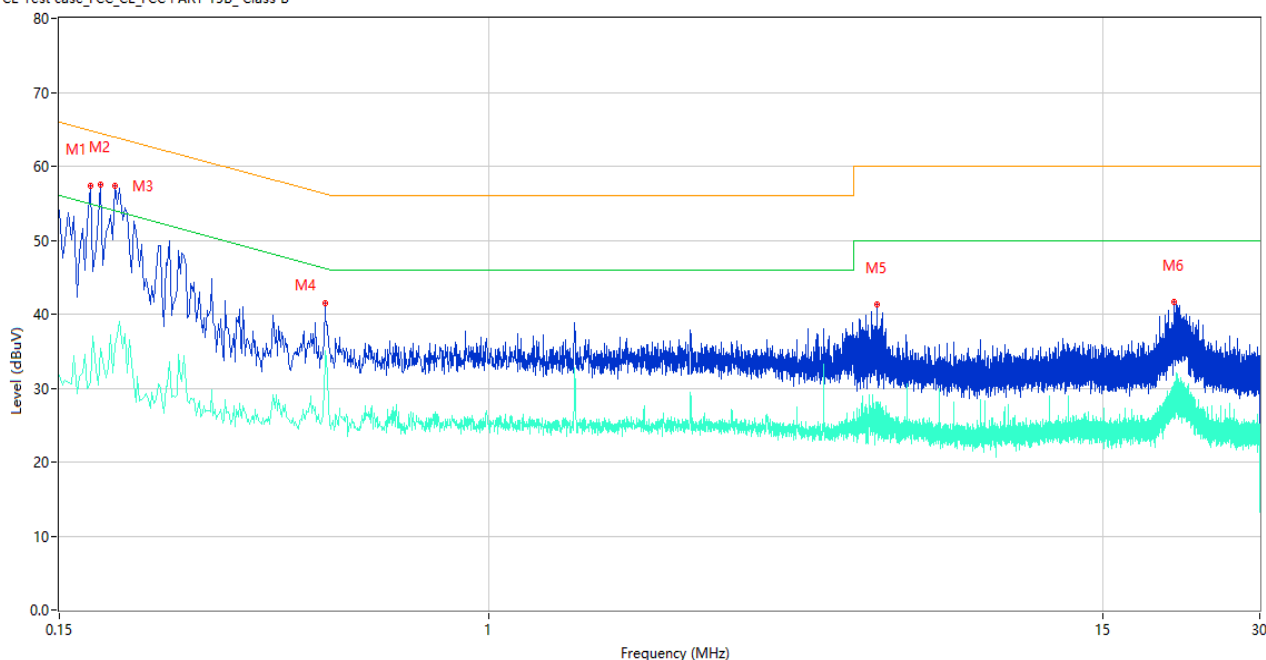
Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Test Data and Plots

PHASE L

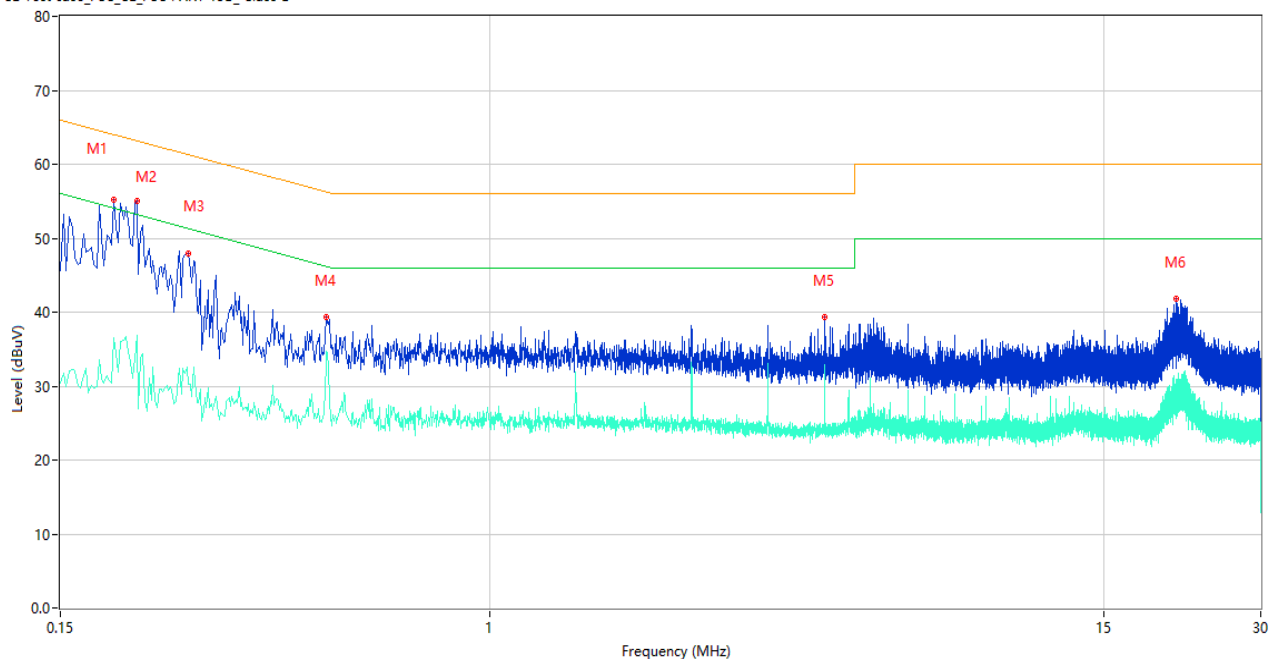
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.172	57.31	10.98	64.86	-7.55	Peak	L	Pass
1**	0.172	30.71	10.98	54.86	-24.15	AV	L	Pass
2	0.180	57.60	10.97	64.49	-6.89	Peak	L	Pass
2**	0.180	35.42	10.97	54.49	-19.07	AV	L	Pass
3	0.192	57.38	10.96	63.95	-6.57	Peak	L	Pass
3**	0.192	35.78	10.96	53.95	-18.17	AV	L	Pass
4	0.484	41.48	10.92	56.27	-14.79	Peak	L	Pass
4**	0.484	33.69	10.92	46.27	-12.58	AV	L	Pass
5	5.546	41.33	10.70	60.00	-18.67	Peak	L	Pass
5**	5.546	24.28	10.70	50.00	-25.72	AV	L	Pass
6	20.554	41.62	10.68	60.00	-18.38	Peak	L	Pass
6**	20.554	27.94	10.68	50.00	-22.06	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.190	55.16	10.96	64.04	-8.88	Peak	N	Pass
1**	0.190	36.60	10.96	54.04	-17.44	AV	N	Pass
2	0.210	55.07	10.95	63.21	-8.14	Peak	N	Pass
2**	0.210	36.84	10.95	53.21	-16.37	AV	N	Pass
3	0.264	47.93	10.91	61.30	-13.37	Peak	N	Pass
3**	0.264	30.24	10.91	51.30	-21.06	AV	N	Pass
4	0.484	39.37	10.92	56.27	-16.90	Peak	N	Pass
4**	0.484	32.78	10.92	46.27	-13.49	AV	N	Pass
5	4.380	39.42	10.70	56.00	-16.58	Peak	N	Pass
5**	4.380	31.59	10.70	46.00	-14.41	AV	N	Pass
6	20.684	41.74	10.67	60.00	-18.26	Peak	N	Pass
6**	20.684	30.98	10.67	50.00	-19.02	AV	N	Pass

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

Test Data

Note ¹: The symbol of “--” in the table which means not application.

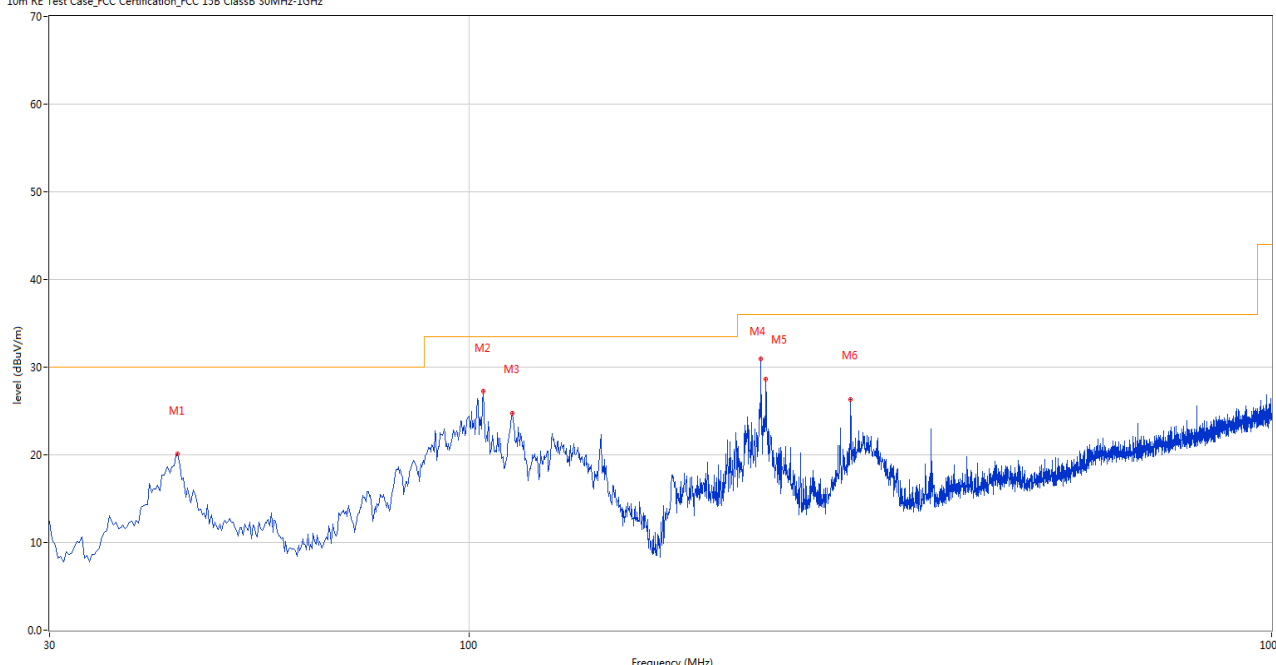
Note ²: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

30 MHz to 1 GHz, ANT H

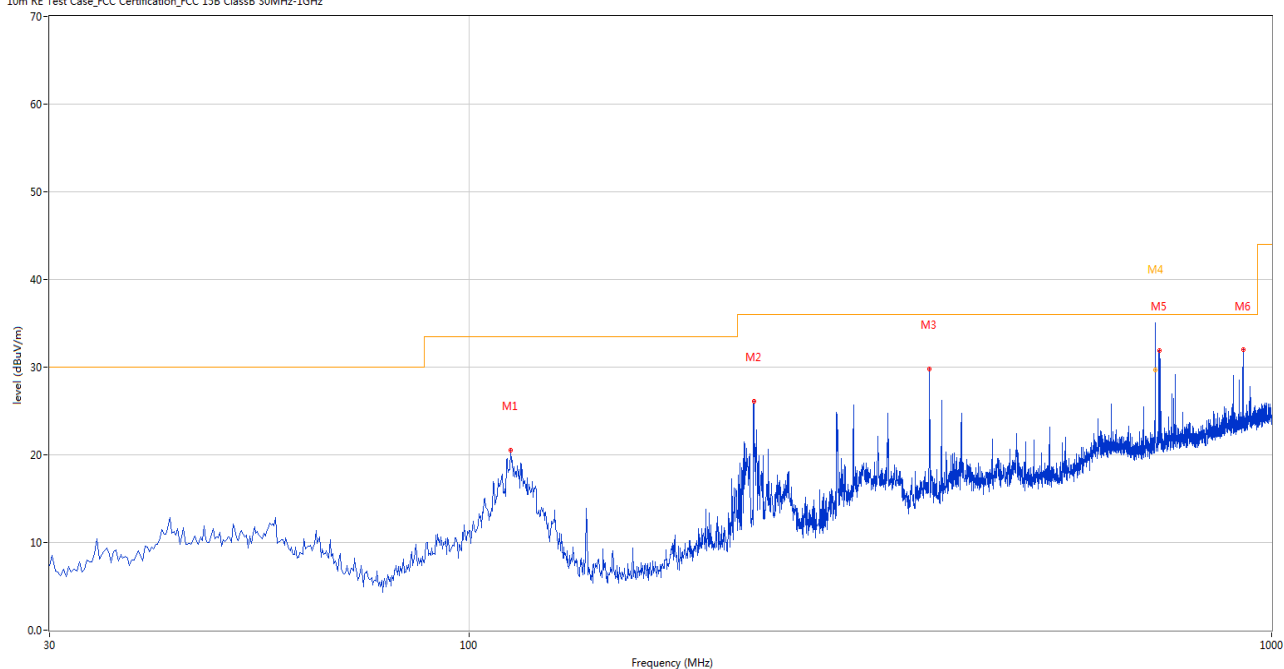
10m RE Test Case_FCC Certification_FCC 15B ClassB 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	43.334	20.06	-26.36	30.0	-9.94	Peak	159.00	200	Vertical	Pass
2	104.186	27.24	-27.77	33.5	-6.26	Peak	166.00	100	Vertical	Pass
3	113.157	24.78	-28.50	33.5	-8.72	Peak	80.00	100	Vertical	Pass
4	230.982	30.91	-26.84	36.0	-5.09	Peak	130.00	100	Vertical	Pass
5	234.376	28.68	-26.83	36.0	-7.32	Peak	70.00	100	Vertical	Pass
6	298.865	26.33	-25.14	36.0	-9.67	Peak	80.00	100	Vertical	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	112.672	20.56	-28.41	33.5	-12.94	Peak	186.00	200	Horizontal	Pass
2	226.376	26.11	-27.12	36.0	-9.89	Peak	221.00	200	Horizontal	Pass
3	374.506	29.82	-23.23	36.0	-6.18	Peak	0.00	200	Horizontal	Pass
4	716.736	31.96	-15.99	36.0	-4.04	Peak	134.00	140	Horizontal	N/A
4*	716.736	29.68	-15.99	36.0	-6.32	QP	134.00	140	Horizontal	Pass
5	724.831	31.88	-15.65	36.0	-4.12	Peak	99.00	100	Horizontal	Pass
6	921.207	32.00	-12.17	36.0	-4.00	Peak	245.00	100	Horizontal	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.600	44.01	-17.49	74.0	-29.99	Peak	114.00	150	Horizontal	Pass
1**	1331.600	33.51	-17.49	54.0	-20.49	AV	114.00	150	Horizontal	Pass
2	4190.750	47.21	-5.12	74.0	-26.79	Peak	341.00	150	Horizontal	Pass
2**	4190.750	37.44	-5.12	54.0	-16.56	AV	341.00	150	Horizontal	Pass
3	5181.500	107.67	-2.15	--	--	Peak	184.00	150	Horizontal	N/A
3**	5181.500	101.29	-2.15	--	--	AV	184.00	150	Horizontal	N/A
4	7492.750	52.22	-0.32	74.0	-21.78	Peak	235.00	150	Horizontal	Pass
4**	7492.750	42.64	-0.32	54.0	-11.36	AV	235.00	150	Horizontal	Pass
5	11180.363	49.35	-4.19	74.0	-24.65	Peak	144.00	150	Horizontal	Pass
5**	11180.363	39.03	-4.19	54.0	-14.97	AV	144.00	150	Horizontal	Pass
6	15551.400	51.18	-0.54	74.0	-22.82	Peak	150.00	150	Horizontal	Pass
6**	15551.400	41.45	-0.54	54.0	-12.55	AV	150.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1321.900	41.27	-17.30	74.0	-32.73	Peak	126.00	150	Vertical	Pass
1**	1321.900	33.55	-17.30	54.0	-20.45	AV	126.00	150	Vertical	Pass
2	4255.000	47.37	-4.83	74.0	-26.63	Peak	360.00	150	Vertical	Pass
2**	4255.000	38.37	-4.83	54.0	-15.63	AV	360.00	150	Vertical	Pass
3	5181.000	105.54	-2.18	--	--	Peak	143.00	150	Vertical	N/A
3**	5181.000	98.14	-2.18	--	--	AV	143.00	150	Vertical	N/A
4	7501.000	51.85	-0.49	74.0	-22.15	Peak	256.00	150	Vertical	Pass
4**	7501.000	43.29	-0.49	54.0	-10.71	AV	256.00	150	Vertical	Pass
5	12290.437	49.96	-2.53	74.0	-24.04	Peak	108.00	150	Vertical	Pass
5**	12290.437	40.42	-2.53	54.0	-13.58	AV	108.00	150	Vertical	Pass
6	15547.201	50.63	-0.54	74.0	-23.37	Peak	113.00	150	Vertical	Pass
6**	15547.201	41.46	-0.54	54.0	-12.54	AV	113.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1316.600	42.71	-17.28	74.0	-31.29	Peak	325.00	150	Horizontal	Pass
1**	1316.600	33.31	-17.28	54.0	-20.69	AV	325.00	150	Horizontal	Pass
2	4125.500	47.09	-5.75	74.0	-26.91	Peak	88.00	150	Horizontal	Pass
2**	4125.500	37.15	-5.75	54.0	-16.85	AV	88.00	150	Horizontal	Pass
3	5217.250	107.38	-3.46	--	--	Peak	197.00	150	Horizontal	N/A
3**	5217.250	99.17	-3.46	--	--	AV	197.00	150	Horizontal	N/A
4	7458.500	52.39	1.15	74.0	-21.61	Peak	273.00	150	Horizontal	Pass
4**	7458.500	44.37	1.15	54.0	-9.63	AV	273.00	150	Horizontal	Pass
5	12293.526	49.84	-2.50	74.0	-24.16	Peak	258.00	150	Horizontal	Pass
5**	12293.526	39.85	-2.50	54.0	-14.15	AV	258.00	150	Horizontal	Pass
6	16170.112	52.08	-0.46	74.0	-21.92	Peak	31.00	150	Horizontal	Pass
6**	16170.112	42.32	-0.46	54.0	-11.68	AV	31.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.100	39.71	-17.95	74.0	-34.29	Peak	188.00	150	Vertical	Pass
1**	1200.100	31.16	-17.95	54.0	-22.84	AV	188.00	150	Vertical	Pass
2	4180.750	47.09	-5.10	74.0	-26.91	Peak	290.00	150	Vertical	Pass
2**	4180.750	37.61	-5.10	54.0	-16.39	AV	290.00	150	Vertical	Pass
3	5216.000	105.32	-3.43	--	--	Peak	147.00	150	Vertical	N/A
3**	5216.000	97.47	-3.43	--	--	AV	147.00	150	Vertical	N/A
4	7490.000	52.41	-0.35	74.0	-21.59	Peak	88.00	150	Vertical	Pass
4**	7490.000	43.22	-0.35	54.0	-10.78	AV	88.00	150	Vertical	Pass
5	12291.387	49.78	-2.52	74.0	-24.22	Peak	282.00	150	Vertical	Pass
5**	12291.387	39.17	-2.52	54.0	-14.83	AV	282.00	150	Vertical	Pass
6	15815.999	51.30	-0.73	74.0	-22.70	Peak	164.00	150	Vertical	Pass
6**	15815.999	42.20	-0.73	54.0	-11.80	AV	164.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1312.100	41.95	-17.33	74.0	-32.05	Peak	332.00	150	Horizontal	Pass
1**	1312.100	32.45	-17.33	54.0	-21.55	AV	332.00	150	Horizontal	Pass
2	4016.000	45.79	-5.72	74.0	-28.21	Peak	174.00	150	Horizontal	Pass
2**	4016.000	37.09	-5.72	54.0	-16.91	AV	174.00	150	Horizontal	Pass
3	5236.000	107.72	-3.31	--	--	Peak	200.00	150	Horizontal	N/A
3**	5236.000	100.18	-3.31	--	--	AV	200.00	150	Horizontal	N/A
4	7452.750	52.46	0.98	74.0	-21.54	Peak	267.00	150	Horizontal	Pass
4**	7452.750	43.57	0.98	54.0	-10.43	AV	267.00	150	Horizontal	Pass
5	11222.638	49.28	-4.13	74.0	-24.72	Peak	165.00	150	Horizontal	Pass
5**	11222.638	39.57	-4.13	54.0	-14.43	AV	165.00	150	Horizontal	Pass
6	15460.575	50.42	-0.28	74.0	-23.58	Peak	18.00	150	Horizontal	Pass
6**	15460.575	40.86	-0.28	54.0	-13.14	AV	18.00	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1169.500	40.32	-18.26	74.0	-33.68	Peak	158.00	150	Vertical	Pass
1**	1169.500	30.28	-18.26	54.0	-23.72	AV	158.00	150	Vertical	Pass
2	4051.750	46.33	-5.98	74.0	-27.67	Peak	301.00	150	Vertical	Pass
2**	4051.750	36.44	-5.98	54.0	-17.56	AV	301.00	150	Vertical	Pass
3	5241.500	105.76	-3.41	--	--	Peak	146.00	150	Vertical	N/A
3**	5241.500	98.65	-3.41	--	--	AV	146.00	150	Vertical	N/A
4	7474.500	52.86	0.64	74.0	-21.14	Peak	225.00	150	Vertical	Pass
4**	7474.500	43.44	0.64	54.0	-10.56	AV	225.00	150	Vertical	Pass
5	11457.287	49.34	-3.93	74.0	-24.66	Peak	272.00	150	Vertical	Pass
5**	11457.287	39.27	-3.93	54.0	-14.73	AV	272.00	150	Vertical	Pass
6	15712.838	51.73	-0.17	74.0	-22.27	Peak	33.00	150	Vertical	Pass
6**	15712.838	42.09	-0.17	54.0	-11.91	AV	33.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1343.000	41.58	-17.53	74.0	-32.42	Peak	360.00	150	Horizontal	Pass
1**	1343.000	32.38	-17.53	54.0	-21.62	AV	360.00	150	Horizontal	Pass
2	4183.000	46.76	-4.95	74.0	-27.24	Peak	156.00	150	Horizontal	Pass
2**	4183.000	37.36	-4.95	54.0	-16.64	AV	156.00	150	Horizontal	Pass
3	5182.250	106.14	-2.11	--	--	Peak	198.00	150	Horizontal	N/A
3**	5182.250	99.14	-2.11	--	--	AV	198.00	150	Horizontal	N/A
4	7453.750	52.85	1.09	74.0	-21.15	Peak	46.00	150	Horizontal	Pass
4**	7453.750	43.65	1.09	54.0	-10.35	AV	46.00	150	Horizontal	Pass
5	11377.963	48.54	-4.33	74.0	-25.46	Peak	104.00	150	Horizontal	Pass
5**	11377.963	39.82	-4.33	54.0	-14.18	AV	104.00	150	Horizontal	Pass
6	15832.800	50.93	-0.75	74.0	-23.07	Peak	45.00	150	Horizontal	Pass
6**	15832.800	41.95	-0.75	54.0	-12.05	AV	45.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1186.400	39.94	-18.19	74.0	-34.06	Peak	336.00	150	Vertical	Pass
1**	1186.400	30.72	-18.19	54.0	-23.28	AV	336.00	150	Vertical	Pass
2	4191.500	46.97	-5.10	74.0	-27.03	Peak	237.00	150	Vertical	Pass
2**	4191.500	36.79	-5.10	54.0	-17.21	AV	237.00	150	Vertical	Pass
3	5183.750	104.34	-2.18	--	--	Peak	151.00	150	Vertical	N/A
3**	5183.750	95.91	-2.18	--	--	AV	151.00	150	Vertical	N/A
4	7469.250	52.97	0.59	74.0	-21.03	Peak	247.00	150	Vertical	Pass
4**	7469.250	43.99	0.59	54.0	-10.01	AV	247.00	150	Vertical	Pass
5	11198.650	48.97	-4.06	74.0	-25.03	Peak	234.00	150	Vertical	Pass
5**	11198.650	39.99	-4.06	54.0	-14.01	AV	234.00	150	Vertical	Pass
6	15461.363	50.85	-0.30	74.0	-23.15	Peak	117.00	150	Vertical	Pass
6**	15461.363	40.91	-0.30	54.0	-13.09	AV	117.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1317.900	42.00	-17.29	74.0	-32.00	Peak	331.00	150	Horizontal	Pass
1**	1317.900	33.04	-17.29	54.0	-20.96	AV	331.00	150	Horizontal	Pass
2	4016.250	46.29	-5.73	74.0	-27.71	Peak	247.00	150	Horizontal	Pass
2**	4016.250	36.46	-5.73	54.0	-17.54	AV	247.00	150	Horizontal	Pass
3	5221.750	104.48	-3.40	--	--	Peak	188.00	150	Horizontal	N/A
3**	5221.750	97.12	-3.40	--	--	AV	188.00	150	Horizontal	N/A
4	7467.750	53.09	0.83	74.0	-20.91	Peak	222.00	150	Horizontal	Pass
4**	7467.750	43.40	0.83	54.0	-10.60	AV	222.00	150	Horizontal	Pass
5	12288.538	49.58	-2.55	74.0	-24.42	Peak	175.00	150	Horizontal	Pass
5**	12288.538	40.04	-2.55	54.0	-13.96	AV	175.00	150	Horizontal	Pass
6	15703.388	51.59	0.03	74.0	-22.41	Peak	66.00	150	Horizontal	Pass
6**	15703.388	41.46	0.03	54.0	-12.54	AV	66.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1033.700	40.49	-18.47	74.0	-33.51	Peak	234.00	150	Vertical	Pass
1**	1033.700	30.54	-18.47	54.0	-23.46	AV	234.00	150	Vertical	Pass
2	4253.000	47.07	-4.99	74.0	-26.93	Peak	289.00	150	Vertical	Pass
2**	4253.000	37.37	-4.99	54.0	-16.63	AV	289.00	150	Vertical	Pass
3	5219.000	102.50	-3.47	--	--	Peak	147.00	150	Vertical	N/A
3**	5219.000	95.00	-3.47	--	--	AV	147.00	150	Vertical	N/A
4	7453.750	52.90	1.09	74.0	-21.10	Peak	240.00	150	Vertical	Pass
4**	7453.750	44.12	1.09	54.0	-9.88	AV	240.00	150	Vertical	Pass
5	11195.088	49.06	-4.08	74.0	-24.94	Peak	90.00	150	Vertical	Pass
5**	11195.088	39.86	-4.08	54.0	-14.14	AV	90.00	150	Vertical	Pass
6	15700.500	51.74	0.09	74.0	-22.26	Peak	127.00	150	Vertical	Pass
6**	15700.500	41.77	0.09	54.0	-12.23	AV	127.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1223.000	42.98	-17.98	74.0	-31.02	Peak	332.00	150	Horizontal	Pass
1**	1223.000	33.01	-17.98	54.0	-20.99	AV	332.00	150	Horizontal	Pass
2	4177.000	46.31	-5.28	74.0	-27.69	Peak	80.00	150	Horizontal	Pass
2**	4177.000	37.67	-5.28	54.0	-16.33	AV	80.00	150	Horizontal	Pass
3	5244.000	105.26	-3.61	--	--	Peak	199.00	150	Horizontal	N/A
3**	5244.000	96.78	-3.61	--	--	AV	199.00	150	Horizontal	N/A
4	7473.500	52.70	0.63	74.0	-21.30	Peak	191.00	150	Horizontal	Pass
4**	7473.500	43.56	0.63	54.0	-10.44	AV	191.00	150	Horizontal	Pass
5	11174.187	49.49	-4.24	74.0	-24.51	Peak	209.00	150	Horizontal	Pass
5**	11174.187	41.06	-4.24	54.0	-12.94	AV	209.00	150	Horizontal	Pass
6	15726.224	51.01	-0.45	74.0	-22.99	Peak	19.00	150	Horizontal	Pass
6**	15726.224	42.01	-0.45	54.0	-11.99	AV	19.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1172.800	41.02	-18.22	74.0	-32.98	Peak	143.00	150	Vertical	Pass
1**	1172.800	31.37	-18.22	54.0	-22.63	AV	143.00	150	Vertical	Pass
2	4262.500	46.70	-4.58	74.0	-27.30	Peak	250.00	150	Vertical	Pass
2**	4262.500	37.98	-4.58	54.0	-16.02	AV	250.00	150	Vertical	Pass
3	5242.250	103.65	-3.53	--	--	Peak	147.00	150	Vertical	N/A
3**	5242.250	95.79	-3.53	--	--	AV	147.00	150	Vertical	N/A
4	7517.250	52.71	0.91	74.0	-21.29	Peak	268.00	150	Vertical	Pass
4**	7517.250	42.46	0.91	54.0	-11.54	AV	268.00	150	Vertical	Pass
5	12306.588	49.70	-2.49	74.0	-24.30	Peak	184.00	150	Vertical	Pass
5**	12306.588	39.41	-2.49	54.0	-14.59	AV	184.00	150	Vertical	Pass
6	16069.838	52.07	-0.45	74.0	-21.93	Peak	23.00	150	Vertical	Pass
6**	16069.838	41.69	-0.45	54.0	-12.31	AV	23.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1215.300	42.62	-17.73	74.0	-31.38	Peak	327.00	150	Horizontal	Pass
1**	1215.300	34.02	-17.73	54.0	-19.98	AV	327.00	150	Horizontal	Pass
2	4232.750	46.89	-5.11	74.0	-27.11	Peak	166.00	150	Horizontal	Pass
2**	4232.750	37.30	-5.11	54.0	-16.70	AV	166.00	150	Horizontal	Pass
3	5186.250	101.77	-2.40	--	--	Peak	199.00	150	Horizontal	N/A
3**	5186.250	93.60	-2.40	--	--	AV	199.00	150	Horizontal	N/A
4	7537.000	52.42	0.60	74.0	-21.58	Peak	352.00	150	Horizontal	Pass
4**	7537.000	42.89	0.60	54.0	-11.11	AV	352.00	150	Horizontal	Pass
5	11694.788	48.94	-4.23	74.0	-25.06	Peak	104.00	150	Horizontal	Pass
5**	11694.788	40.35	-4.23	54.0	-13.65	AV	104.00	150	Horizontal	Pass
6	15927.300	51.28	-0.67	74.0	-22.72	Peak	6.00	150	Horizontal	Pass
6**	15927.300	41.56	-0.67	54.0	-12.44	AV	6.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1168.000	41.86	-18.31	74.0	-32.14	Peak	163.00	150	Vertical	Pass
1**	1168.000	30.84	-18.31	54.0	-23.16	AV	163.00	150	Vertical	Pass
2	4254.250	47.19	-4.86	74.0	-26.81	Peak	112.00	150	Vertical	Pass
2**	4254.250	38.33	-4.86	54.0	-15.67	AV	112.00	150	Vertical	Pass
3	5187.750	100.19	-2.50	--	--	Peak	146.00	150	Vertical	N/A
3**	5187.750	92.32	-2.50	--	--	AV	146.00	150	Vertical	N/A
4	7464.500	52.59	0.86	74.0	-21.41	Peak	257.00	150	Vertical	Pass
4**	7464.500	43.91	0.86	54.0	-10.09	AV	257.00	150	Vertical	Pass
5	11628.526	48.74	-4.33	74.0	-25.26	Peak	0.00	150	Vertical	Pass
5**	11628.526	38.69	-4.33	54.0	-15.31	AV	0.00	150	Vertical	Pass
6	15454.537	50.65	-0.20	74.0	-23.35	Peak	8.00	150	Vertical	Pass
6**	15454.537	41.45	-0.20	54.0	-12.55	AV	8.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1215.500	41.54	-17.73	74.0	-32.46	Peak	340.00	150	Horizontal	Pass
1**	1215.500	33.03	-17.73	54.0	-20.97	AV	340.00	150	Horizontal	Pass
2	4021.750	45.96	-6.16	74.0	-28.04	Peak	13.00	150	Horizontal	Pass
2**	4021.750	36.51	-6.16	54.0	-17.49	AV	13.00	150	Horizontal	Pass
3	5237.500	101.53	-3.25	--	--	Peak	204.00	150	Horizontal	N/A
3**	5237.500	93.95	-3.25	--	--	AV	204.00	150	Horizontal	N/A
4	7470.750	52.69	0.71	74.0	-21.31	Peak	349.00	150	Horizontal	Pass
4**	7470.750	43.92	0.71	54.0	-10.08	AV	349.00	150	Horizontal	Pass
5	12531.500	49.81	-2.26	74.0	-24.19	Peak	211.00	150	Horizontal	Pass
5**	12531.500	39.32	-2.26	54.0	-14.68	AV	211.00	150	Horizontal	Pass
6	15819.938	51.18	-0.73	74.0	-22.82	Peak	31.00	150	Horizontal	Pass
6**	15819.938	41.77	-0.73	54.0	-12.23	AV	31.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1202.300	41.49	-17.84	74.0	-32.51	Peak	163.00	150	Vertical	Pass
1**	1202.300	32.16	-17.84	54.0	-21.84	AV	163.00	150	Vertical	Pass
2	4013.250	46.34	-5.63	74.0	-27.66	Peak	312.00	150	Vertical	Pass
2**	4013.250	36.54	-5.63	54.0	-17.46	AV	312.00	150	Vertical	Pass
3	5221.500	99.32	-3.38	--	--	Peak	147.00	150	Vertical	N/A
3**	5221.500	91.74	-3.38	--	--	AV	147.00	150	Vertical	N/A
4	7454.500	52.20	1.17	74.0	-21.80	Peak	4.00	150	Vertical	Pass
4**	7454.500	43.23	1.17	54.0	-10.77	AV	4.00	150	Vertical	Pass
5	11522.125	49.33	-4.34	74.0	-24.67	Peak	331.00	150	Vertical	Pass
5**	11522.125	38.92	-4.34	54.0	-15.08	AV	331.00	150	Vertical	Pass
6	15454.537	51.57	-0.20	74.0	-22.43	Peak	251.00	150	Vertical	Pass
6**	15454.537	41.77	-0.20	54.0	-12.23	AV	251.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1215.000	44.39	-17.73	74.0	-29.61	Peak	327.00	150	Horizontal	Pass
1**	1215.000	33.45	-17.73	54.0	-20.55	AV	327.00	150	Horizontal	Pass
2	4305.500	47.35	-4.19	74.0	-26.65	Peak	122.00	150	Horizontal	Pass
2**	4305.500	38.81	-4.19	54.0	-15.19	AV	122.00	150	Horizontal	Pass
3	5181.250	105.26	-2.16	--	--	Peak	198.00	150	Horizontal	N/A
3**	5181.250	96.75	-2.16	--	--	AV	198.00	150	Horizontal	N/A
4	7465.250	52.37	0.78	74.0	-21.63	Peak	358.00	150	Horizontal	Pass
4**	7465.250	43.26	0.78	54.0	-10.74	AV	358.00	150	Horizontal	Pass
5	10882.062	49.21	-4.81	74.0	-24.79	Peak	258.00	150	Horizontal	Pass
5**	10882.062	39.61	-4.81	54.0	-14.39	AV	258.00	150	Horizontal	Pass
6	15830.700	50.58	-0.75	74.0	-23.42	Peak	21.00	150	Horizontal	Pass
6**	15830.700	41.17	-0.75	54.0	-12.83	AV	21.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1205.000	41.50	-17.91	74.0	-32.50	Peak	160.00	150	Vertical	Pass
1**	1205.000	32.73	-17.91	54.0	-21.27	AV	160.00	150	Vertical	Pass
2	4246.250	47.38	-5.05	74.0	-26.62	Peak	36.00	150	Vertical	Pass
2**	4246.250	37.87	-5.05	54.0	-16.13	AV	36.00	150	Vertical	Pass
3	5180.750	102.31	-2.19	--	--	Peak	145.00	150	Vertical	N/A
3**	5180.750	93.13	-2.19	--	--	AV	145.00	150	Vertical	N/A
4	7469.500	52.57	0.58	74.0	-21.43	Peak	53.00	150	Vertical	Pass
4**	7469.500	44.01	0.58	54.0	-9.99	AV	53.00	150	Vertical	Pass
5	11176.800	50.07	-4.22	74.0	-23.93	Peak	28.00	150	Vertical	Pass
5**	11176.800	39.74	-4.22	54.0	-14.26	AV	28.00	150	Vertical	Pass
6	15498.112	51.09	-0.82	74.0	-22.91	Peak	360.00	150	Vertical	Pass
6**	15498.112	40.83	-0.82	54.0	-13.17	AV	360.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1213.700	42.28	-17.72	74.0	-31.72	Peak	327.00	150	Horizontal	Pass
1**	1213.700	32.88	-17.72	54.0	-21.12	AV	327.00	150	Horizontal	Pass
2	4002.750	46.00	-5.80	74.0	-28.00	Peak	322.00	150	Horizontal	Pass
2**	4002.750	36.75	-5.80	54.0	-17.25	AV	322.00	150	Horizontal	Pass
3	5222.250	103.98	-3.43	--	--	Peak	206.00	150	Horizontal	N/A
3**	5222.250	95.65	-3.43	--	--	AV	206.00	150	Horizontal	N/A
4	7464.750	53.24	0.83	74.0	-20.76	Peak	29.00	150	Horizontal	Pass
4**	7464.750	42.90	0.83	54.0	-11.10	AV	29.00	150	Horizontal	Pass
5	11108.163	48.83	-4.51	74.0	-25.17	Peak	0.00	150	Horizontal	Pass
5**	11108.163	40.37	-4.51	54.0	-13.63	AV	0.00	150	Horizontal	Pass
6	15932.026	50.86	-0.58	74.0	-23.14	Peak	0.00	150	Horizontal	Pass
6**	15932.026	41.31	-0.58	54.0	-12.69	AV	0.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1042.300	39.86	-18.58	74.0	-34.14	Peak	251.00	150	Vertical	Pass
1**	1042.300	31.02	-18.58	54.0	-22.98	AV	251.00	150	Vertical	Pass
2	4012.500	46.43	-5.61	74.0	-27.57	Peak	73.00	150	Vertical	Pass
2**	4012.500	36.82	-5.61	54.0	-17.18	AV	73.00	150	Vertical	Pass
3	5216.250	101.95	-3.44	--	--	Peak	147.00	150	Vertical	N/A
3**	5216.250	94.52	-3.44	--	--	AV	147.00	150	Vertical	N/A
4	7473.750	52.40	0.62	74.0	-21.60	Peak	155.00	150	Vertical	Pass
4**	7473.750	42.97	0.62	54.0	-11.03	AV	155.00	150	Vertical	Pass
5	11794.537	49.18	-3.58	74.0	-24.82	Peak	284.00	150	Vertical	Pass
5**	11794.537	39.75	-3.58	54.0	-14.25	AV	284.00	150	Vertical	Pass
6	15794.737	51.44	-0.74	74.0	-22.56	Peak	103.00	150	Vertical	Pass
6**	15794.737	42.13	-0.74	54.0	-11.87	AV	103.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1315.600	42.60	-17.28	74.0	-31.40	Peak	332.00	150	Horizontal	Pass
1**	1315.600	32.65	-17.28	54.0	-21.35	AV	332.00	150	Horizontal	Pass
2	4258.000	46.70	-4.62	74.0	-27.30	Peak	160.00	150	Horizontal	Pass
2**	4258.000	37.65	-4.62	54.0	-16.35	AV	160.00	150	Horizontal	Pass
3	5237.750	104.67	-3.24	--	--	Peak	202.00	150	Horizontal	N/A
3**	5237.750	96.42	-3.24	--	--	AV	202.00	150	Horizontal	N/A
4	7490.750	52.53	-0.41	74.0	-21.47	Peak	108.00	150	Horizontal	Pass
4**	7490.750	42.48	-0.41	54.0	-11.52	AV	108.00	150	Horizontal	Pass
5	11286.287	49.21	-4.07	74.0	-24.79	Peak	269.00	150	Horizontal	Pass
5**	11286.287	38.13	-4.07	54.0	-15.87	AV	269.00	150	Horizontal	Pass
6	15804.450	50.45	-0.72	74.0	-23.55	Peak	7.00	150	Horizontal	Pass
6**	15804.450	40.55	-0.72	54.0	-13.45	AV	7.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1192.500	41.52	-17.89	74.0	-32.48	Peak	149.00	150	Vertical	Pass
1**	1192.500	31.12	-17.89	54.0	-22.88	AV	149.00	150	Vertical	Pass
2	4305.000	46.38	-4.22	74.0	-27.62	Peak	162.00	150	Vertical	Pass
2**	4305.000	37.00	-4.22	54.0	-17.00	AV	162.00	150	Vertical	Pass
3	5244.500	102.15	-3.62	--	--	Peak	145.00	150	Vertical	N/A
3**	5244.500	94.33	-3.62	--	--	AV	145.00	150	Vertical	N/A
4	7463.000	51.96	1.08	74.0	-22.04	Peak	53.00	150	Vertical	Pass
4**	7463.000	44.45	1.08	54.0	-9.55	AV	53.00	150	Vertical	Pass
5	11796.675	48.66	-3.56	74.0	-25.34	Peak	360.00	150	Vertical	Pass
5**	11796.675	39.48	-3.56	54.0	-14.52	AV	360.00	150	Vertical	Pass
6	15701.287	50.89	0.08	74.0	-23.11	Peak	189.00	150	Vertical	Pass
6**	15701.287	42.43	0.08	54.0	-11.57	AV	189.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1214.300	42.73	-17.72	74.0	-31.27	Peak	332.00	150	Horizontal	Pass
1**	1214.300	33.70	-17.72	54.0	-20.30	AV	332.00	150	Horizontal	Pass
2	4220.750	46.68	-5.56	74.0	-27.32	Peak	129.00	150	Horizontal	Pass
2**	4220.750	37.83	-5.56	54.0	-16.17	AV	129.00	150	Horizontal	Pass
3	5180.750	102.22	-2.19	--	--	Peak	204.00	150	Horizontal	N/A
3**	5180.750	93.70	-2.19	--	--	AV	204.00	150	Horizontal	N/A
4	7543.750	52.45	0.37	74.0	-21.55	Peak	171.00	150	Horizontal	Pass
4**	7543.750	42.64	0.37	54.0	-11.36	AV	171.00	150	Horizontal	Pass
5	11420.237	49.17	-4.07	74.0	-24.83	Peak	296.00	150	Horizontal	Pass
5**	11420.237	38.78	-4.07	54.0	-15.22	AV	296.00	150	Horizontal	Pass
6	16166.963	51.45	-0.46	74.0	-22.55	Peak	32.00	150	Horizontal	Pass
6**	16166.963	41.68	-0.46	54.0	-12.32	AV	32.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1183.800	40.96	-17.94	74.0	-33.04	Peak	155.00	150	Vertical	Pass
1**	1183.800	31.34	-17.94	54.0	-22.66	AV	155.00	150	Vertical	Pass
2	4323.750	46.56	-4.90	74.0	-27.44	Peak	69.00	150	Vertical	Pass
2**	4323.750	38.01	-4.90	54.0	-15.99	AV	69.00	150	Vertical	Pass
3	5201.750	99.74	-3.32	--	--	Peak	145.00	150	Vertical	N/A
3**	5201.750	90.86	-3.32	--	--	AV	145.00	150	Vertical	N/A
4	7469.000	52.51	0.63	74.0	-21.49	Peak	95.00	150	Vertical	Pass
4**	7469.000	42.74	0.63	54.0	-11.26	AV	95.00	150	Vertical	Pass
5	11930.387	49.11	-3.52	74.0	-24.89	Peak	258.00	150	Vertical	Pass
5**	11930.387	37.89	-3.52	54.0	-16.11	AV	258.00	150	Vertical	Pass
6	16021.537	51.09	-0.13	74.0	-22.91	Peak	0.00	150	Vertical	Pass
6**	16021.537	42.40	-0.13	54.0	-11.60	AV	0.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1208.400	42.47	-17.88	74.0	-31.53	Peak	332.00	150	Horizontal	Pass
1**	1208.400	32.88	-17.88	54.0	-21.12	AV	332.00	150	Horizontal	Pass
2	4193.500	47.36	-5.12	74.0	-26.64	Peak	296.00	150	Horizontal	Pass
2**	4193.500	37.77	-5.12	54.0	-16.23	AV	296.00	150	Horizontal	Pass
3	5238.250	101.23	-3.22	--	--	Peak	206.00	150	Horizontal	N/A
3**	5238.250	92.58	-3.22	--	--	AV	206.00	150	Horizontal	N/A
4	7460.750	52.51	1.14	74.0	-21.49	Peak	254.00	150	Horizontal	Pass
4**	7460.750	44.07	1.14	54.0	-9.93	AV	254.00	150	Horizontal	Pass
5	11538.275	49.23	-4.36	74.0	-24.77	Peak	294.00	150	Horizontal	Pass
5**	11538.275	38.90	-4.36	54.0	-15.10	AV	294.00	150	Horizontal	Pass
6	15822.825	50.86	-0.74	74.0	-23.14	Peak	19.00	150	Horizontal	Pass
6**	15822.825	40.82	-0.74	54.0	-13.18	AV	19.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.300	41.52	-18.24	74.0	-32.48	Peak	151.00	150	Vertical	Pass
1**	1166.300	30.84	-18.24	54.0	-23.16	AV	151.00	150	Vertical	Pass
2	4121.500	46.13	-5.89	74.0	-27.87	Peak	86.00	150	Vertical	Pass
2**	4121.500	36.43	-5.89	54.0	-17.57	AV	86.00	150	Vertical	Pass
3	5223.750	99.08	-3.53	--	--	Peak	147.00	150	Vertical	N/A
3**	5223.750	90.87	-3.53	--	--	AV	147.00	150	Vertical	N/A
4	7462.250	52.57	1.10	74.0	-21.43	Peak	155.00	150	Vertical	Pass
4**	7462.250	43.23	1.10	54.0	-10.77	AV	155.00	150	Vertical	Pass
5	11065.888	49.11	-4.90	74.0	-24.89	Peak	154.00	150	Vertical	Pass
5**	11065.888	39.04	-4.90	54.0	-14.96	AV	154.00	150	Vertical	Pass
6	15839.362	50.12	-0.75	74.0	-23.88	Peak	44.00	150	Vertical	Pass
6**	15839.362	40.52	-0.75	54.0	-13.48	AV	44.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1349.800	42.16	-17.54	74.0	-31.84	Peak	355.00	150	Horizontal	Pass
1**	1349.800	32.18	-17.54	54.0	-21.82	AV	355.00	150	Horizontal	Pass
2	4256.000	46.88	-4.80	74.0	-27.12	Peak	174.00	150	Horizontal	Pass
2**	4256.000	36.92	-4.80	54.0	-17.08	AV	174.00	150	Horizontal	Pass
3	5191.000	97.92	-2.69	--	--	Peak	199.00	150	Horizontal	N/A
3**	5191.000	90.46	-2.69	--	--	AV	199.00	150	Horizontal	N/A
4	7506.500	52.14	0.05	74.0	-21.86	Peak	39.00	150	Horizontal	Pass
4**	7506.500	43.47	0.05	54.0	-10.53	AV	39.00	150	Horizontal	Pass
5	12056.025	49.29	-3.37	74.0	-24.71	Peak	233.00	150	Horizontal	Pass
5**	12056.025	40.54	-3.37	54.0	-13.46	AV	233.00	150	Horizontal	Pass
6	15942.787	50.66	-0.37	74.0	-23.34	Peak	54.00	150	Horizontal	Pass
6**	15942.787	41.07	-0.37	54.0	-12.93	AV	54.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1202.800	41.08	-17.78	74.0	-32.92	Peak	160.00	150	Vertical	Pass
1**	1202.800	30.68	-17.78	54.0	-23.32	AV	160.00	150	Vertical	Pass
2	4016.750	46.11	-5.79	74.0	-27.89	Peak	155.00	150	Vertical	Pass
2**	4016.750	37.45	-5.79	54.0	-16.55	AV	155.00	150	Vertical	Pass
3	5206.500	96.12	-3.40	--	--	Peak	147.00	150	Vertical	N/A
3**	5206.500	88.98	-3.40	--	--	AV	147.00	150	Vertical	N/A
4	7516.250	52.79	0.94	74.0	-21.21	Peak	155.00	150	Vertical	Pass
4**	7516.250	43.38	0.94	54.0	-10.62	AV	155.00	150	Vertical	Pass
5	12041.775	49.40	-3.37	74.0	-24.60	Peak	360.00	150	Vertical	Pass
5**	12041.775	40.06	-3.37	54.0	-13.94	AV	360.00	150	Vertical	Pass
6	15933.862	50.81	-0.54	74.0	-23.19	Peak	43.00	150	Vertical	Pass
6**	15933.862	41.35	-0.54	54.0	-12.65	AV	43.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1218.000	42.05	-17.96	74.0	-31.95	Peak	327.00	150	Horizontal	Pass
1**	1218.000	33.41	-17.96	54.0	-20.59	AV	327.00	150	Horizontal	Pass
2	4133.750	46.39	-5.61	74.0	-27.61	Peak	29.00	150	Horizontal	Pass
2**	4133.750	37.86	-5.61	54.0	-16.14	AV	29.00	150	Horizontal	Pass
3	5263.000	107.63	-3.67	--	--	Peak	199.00	150	Horizontal	N/A
3**	5263.000	99.68	-3.67	--	--	AV	199.00	150	Horizontal	N/A
4	7521.250	52.69	0.84	74.0	-21.31	Peak	333.00	150	Horizontal	Pass
4**	7521.250	43.92	0.84	54.0	-10.08	AV	333.00	150	Horizontal	Pass
5	11212.425	48.51	-4.09	74.0	-25.49	Peak	156.00	150	Horizontal	Pass
5**	11212.425	39.65	-4.09	54.0	-14.35	AV	156.00	150	Horizontal	Pass
6	15725.963	50.87	-0.44	74.0	-23.13	Peak	0.00	150	Horizontal	Pass
6**	15725.963	41.26	-0.44	54.0	-12.74	AV	0.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1013.300	39.80	-18.28	74.0	-34.20	Peak	249.00	150	Vertical	Pass
1**	1013.300	30.24	-18.28	54.0	-23.76	AV	249.00	150	Vertical	Pass
2	4110.000	46.08	-5.66	74.0	-27.92	Peak	37.00	150	Vertical	Pass
2**	4110.000	36.39	-5.66	54.0	-17.61	AV	37.00	150	Vertical	Pass
3	5262.750	105.79	-3.69	--	--	Peak	147.00	150	Vertical	N/A
3**	5262.750	97.97	-3.69	--	--	AV	147.00	150	Vertical	N/A
4	7473.500	52.36	0.63	74.0	-21.64	Peak	138.00	150	Vertical	Pass
4**	7473.500	43.21	0.63	54.0	-10.79	AV	138.00	150	Vertical	Pass
5	12056.025	48.94	-3.37	74.0	-25.06	Peak	360.00	150	Vertical	Pass
5**	12056.025	37.79	-3.37	54.0	-16.21	AV	360.00	150	Vertical	Pass
6	15716.250	50.47	-0.24	74.0	-23.53	Peak	44.00	150	Vertical	Pass
6**	15716.250	41.85	-0.24	54.0	-12.15	AV	44.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1211.500	41.91	-17.88	74.0	-32.09	Peak	328.00	150	Horizontal	Pass
1**	1211.500	33.59	-17.88	54.0	-20.41	AV	328.00	150	Horizontal	Pass
2	4193.750	46.61	-5.13	74.0	-27.39	Peak	88.00	150	Horizontal	Pass
2**	4193.750	37.04	-5.13	54.0	-16.96	AV	88.00	150	Horizontal	Pass
3	5297.000	107.29	-3.51	--	--	Peak	190.00	150	Horizontal	N/A
3**	5297.000	99.24	-3.51	--	--	AV	190.00	150	Horizontal	N/A
4	7509.000	52.39	0.47	74.0	-21.61	Peak	113.00	150	Horizontal	Pass
4**	7509.000	43.70	0.47	54.0	-10.30	AV	113.00	150	Horizontal	Pass
5	11698.113	49.91	-4.21	74.0	-24.09	Peak	73.00	150	Horizontal	Pass
5**	11698.113	38.79	-4.21	54.0	-15.21	AV	73.00	150	Horizontal	Pass
6	15699.188	50.31	0.08	74.0	-23.69	Peak	7.00	150	Horizontal	Pass
6**	15699.188	39.93	0.08	54.0	-14.07	AV	7.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.100	41.80	-17.85	74.0	-32.20	Peak	153.00	150	Vertical	Pass
1**	1198.100	33.26	-17.85	54.0	-20.74	AV	153.00	150	Vertical	Pass
2	4199.500	47.02	-5.45	74.0	-26.98	Peak	103.00	150	Vertical	Pass
2**	4199.500	37.12	-5.45	54.0	-16.88	AV	103.00	150	Vertical	Pass
3	5304.000	105.38	-3.62	--	--	Peak	147.00	150	Vertical	N/A
3**	5304.000	98.17	-3.62	--	--	AV	147.00	150	Vertical	N/A
4	7510.000	52.14	0.55	74.0	-21.86	Peak	281.00	150	Vertical	Pass
4**	7510.000	43.62	0.55	54.0	-10.38	AV	281.00	150	Vertical	Pass
5	12292.575	48.99	-2.51	74.0	-25.01	Peak	168.00	150	Vertical	Pass
5**	12292.575	39.52	-2.51	54.0	-14.48	AV	168.00	150	Vertical	Pass
6	15820.200	50.94	-0.73	74.0	-23.06	Peak	19.00	150	Vertical	Pass
6**	15820.200	40.77	-0.73	54.0	-13.23	AV	19.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1215.900	42.69	-17.75	74.0	-31.31	Peak	332.00	150	Horizontal	Pass
1**	1215.900	34.14	-17.75	54.0	-19.86	AV	332.00	150	Horizontal	Pass
2	4293.500	47.06	-4.53	74.0	-26.94	Peak	46.00	150	Horizontal	Pass
2**	4293.500	36.86	-4.53	54.0	-17.14	AV	46.00	150	Horizontal	Pass
3	5323.250	107.61	-3.33	--	--	Peak	187.00	150	Horizontal	N/A
3**	5323.250	99.62	-3.33	--	--	AV	187.00	150	Horizontal	N/A
4	7459.000	52.09	1.15	74.0	-21.91	Peak	12.00	150	Horizontal	Pass
4**	7459.000	43.67	1.15	54.0	-10.33	AV	12.00	150	Horizontal	Pass
5	11319.300	48.75	-4.19	74.0	-25.25	Peak	341.00	150	Horizontal	Pass
5**	11319.300	37.48	-4.19	54.0	-16.52	AV	341.00	150	Horizontal	Pass
6	15856.950	50.64	-0.82	74.0	-23.36	Peak	115.00	150	Horizontal	Pass
6**	15856.950	42.03	-0.82	54.0	-11.97	AV	115.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1208.200	40.74	-17.87	74.0	-33.26	Peak	153.00	150	Vertical	Pass
1**	1208.200	31.92	-17.87	54.0	-22.08	AV	153.00	150	Vertical	Pass
2	4246.250	46.74	-5.05	74.0	-27.26	Peak	12.00	150	Vertical	Pass
2**	4246.250	37.82	-5.05	54.0	-16.18	AV	12.00	150	Vertical	Pass
3	5320.750	106.88	-3.41	--	--	Peak	143.00	150	Vertical	N/A
3**	5320.750	98.02	-3.41	--	--	AV	143.00	150	Vertical	N/A
4	7491.500	52.33	-0.37	74.0	-21.67	Peak	86.00	150	Vertical	Pass
4**	7491.500	42.62	-0.37	54.0	-11.38	AV	86.00	150	Vertical	Pass
5	12434.838	49.38	-2.38	74.0	-24.62	Peak	341.00	150	Vertical	Pass
5**	12434.838	40.20	-2.38	54.0	-13.80	AV	341.00	150	Vertical	Pass
6	15702.338	50.93	0.05	74.0	-23.07	Peak	80.00	150	Vertical	Pass
6**	15702.338	41.54	0.05	54.0	-12.46	AV	80.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1204.000	42.81	-17.85	74.0	-31.19	Peak	327.00	150	Horizontal	Pass
1**	1204.000	32.32	-17.85	54.0	-21.68	AV	327.00	150	Horizontal	Pass
2	4245.000	46.99	-5.15	74.0	-27.01	Peak	360.00	150	Horizontal	Pass
2**	4245.000	37.67	-5.15	54.0	-16.33	AV	360.00	150	Horizontal	Pass
3	5258.000	104.78	-3.96	--	--	Peak	204.00	150	Horizontal	N/A
3**	5258.000	97.54	-3.96	--	--	AV	204.00	150	Horizontal	N/A
4	7454.250	53.40	1.15	74.0	-20.60	Peak	120.00	150	Horizontal	Pass
4**	7454.250	43.35	1.15	54.0	-10.65	AV	120.00	150	Horizontal	Pass
5	12299.938	48.77	-2.44	74.0	-25.23	Peak	353.00	150	Horizontal	Pass
5**	12299.938	40.13	-2.44	54.0	-13.87	AV	353.00	150	Horizontal	Pass
6	15703.650	51.17	0.03	74.0	-22.83	Peak	32.00	150	Horizontal	Pass
6**	15703.650	42.07	0.03	54.0	-11.93	AV	32.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.900	40.78	-18.13	74.0	-33.22	Peak	153.00	150	Vertical	Pass
1**	1164.900	30.49	-18.13	54.0	-23.51	AV	153.00	150	Vertical	Pass
2	3974.000	46.09	-6.57	74.0	-27.91	Peak	298.00	150	Vertical	Pass
2**	3974.000	35.28	-6.57	54.0	-18.72	AV	298.00	150	Vertical	Pass
3	5259.000	103.09	-3.71	--	--	Peak	143.00	150	Vertical	N/A
3**	5259.000	96.23	-3.71	--	--	AV	143.00	150	Vertical	N/A
4	7520.250	52.01	0.79	74.0	-21.99	Peak	0.00	150	Vertical	Pass
4**	7520.250	42.94	0.79	54.0	-11.06	AV	0.00	150	Vertical	Pass
5	11420.951	49.59	-4.07	74.0	-24.41	Peak	128.00	150	Vertical	Pass
5**	11420.951	39.22	-4.07	54.0	-14.78	AV	128.00	150	Vertical	Pass
6	16169.588	51.90	-0.46	74.0	-22.10	Peak	0.00	150	Vertical	Pass
6**	16169.588	41.75	-0.46	54.0	-12.25	AV	0.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.600	42.25	-17.89	74.0	-31.75	Peak	332.00	150	Horizontal	Pass
1**	1197.600	33.59	-17.89	54.0	-20.41	AV	332.00	150	Horizontal	Pass
2	4300.250	46.81	-4.62	74.0	-27.19	Peak	44.00	150	Horizontal	Pass
2**	4300.250	37.13	-4.62	54.0	-16.87	AV	44.00	150	Horizontal	Pass
3	5303.750	104.86	-3.62	--	--	Peak	202.00	150	Horizontal	N/A
3**	5303.750	97.88	-3.62	--	--	AV	202.00	150	Horizontal	N/A
4	7535.750	51.95	0.74	74.0	-22.05	Peak	120.00	150	Horizontal	Pass
4**	7535.750	42.94	0.74	54.0	-11.06	AV	120.00	150	Horizontal	Pass
5	11453.487	49.42	-3.90	74.0	-24.58	Peak	0.00	150	Horizontal	Pass
5**	11453.487	39.78	-3.90	54.0	-14.22	AV	0.00	150	Horizontal	Pass
6	15701.026	51.09	0.08	74.0	-22.91	Peak	43.00	150	Horizontal	Pass
6**	15701.026	41.72	0.08	54.0	-12.28	AV	43.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1175.700	40.46	-18.05	74.0	-33.54	Peak	163.00	150	Vertical	Pass
1**	1175.700	31.04	-18.05	54.0	-22.96	AV	163.00	150	Vertical	Pass
2	4202.500	46.09	-5.51	74.0	-27.91	Peak	195.00	150	Vertical	Pass
2**	4202.500	36.92	-5.51	54.0	-17.08	AV	195.00	150	Vertical	Pass
3	5299.000	103.69	-3.60	--	--	Peak	145.00	150	Vertical	N/A
3**	5299.000	95.88	-3.60	--	--	AV	145.00	150	Vertical	N/A
4	7562.750	52.39	-0.31	74.0	-21.61	Peak	53.00	150	Vertical	Pass
4**	7562.750	42.48	-0.31	54.0	-11.52	AV	53.00	150	Vertical	Pass
5	11311.700	49.26	-4.12	74.0	-24.74	Peak	17.00	150	Vertical	Pass
5**	11311.700	39.23	-4.12	54.0	-14.77	AV	17.00	150	Vertical	Pass
6	15699.188	50.97	0.08	74.0	-23.03	Peak	54.00	150	Vertical	Pass
6**	15699.188	41.61	0.08	54.0	-12.39	AV	54.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1213.100	42.73	-17.73	74.0	-31.27	Peak	332.00	150	Horizontal	Pass
1**	1213.100	32.99	-17.73	54.0	-21.01	AV	332.00	150	Horizontal	Pass
2	2847.100	42.89	-10.93	74.0	-31.11	Peak	129.00	150	Horizontal	Pass
2**	2847.100	32.61	-10.93	54.0	-21.39	AV	129.00	150	Horizontal	Pass
3	4055.750	45.88	-5.92	74.0	-28.12	Peak	153.00	150	Horizontal	Pass
3**	4055.750	36.75	-5.92	54.0	-17.25	AV	153.00	150	Horizontal	Pass
4	5318.500	105.79	-3.51	--	--	Peak	196.00	150	Horizontal	N/A
4**	5318.500	97.77	-3.51	--	--	AV	196.00	150	Horizontal	N/A
5	11211.000	49.05	-4.09	74.0	-24.95	Peak	179.00	150	Horizontal	Pass
5**	11211.000	39.81	-4.09	54.0	-14.19	AV	179.00	150	Horizontal	Pass
6	15945.675	50.81	-0.32	74.0	-23.19	Peak	101.00	150	Horizontal	Pass
6**	15945.675	43.52	-0.32	54.0	-10.48	AV	101.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1185.200	41.39	-18.10	74.0	-32.61	Peak	158.00	150	Vertical	Pass
1**	1185.200	31.97	-18.10	54.0	-22.03	AV	158.00	150	Vertical	Pass
2	2728.200	42.76	-11.52	74.0	-31.24	Peak	55.00	150	Vertical	Pass
2**	2728.200	32.92	-11.52	54.0	-21.08	AV	55.00	150	Vertical	Pass
3	3938.750	45.92	-5.86	74.0	-28.08	Peak	53.00	150	Vertical	Pass
3**	3938.750	35.73	-5.86	54.0	-18.27	AV	53.00	150	Vertical	Pass
4	5318.250	105.04	-3.48	--	--	Peak	145.00	150	Vertical	N/A
4**	5318.250	96.88	-3.48	--	--	AV	145.00	150	Vertical	N/A
5	11376.062	48.84	-4.34	74.0	-25.16	Peak	202.00	150	Vertical	Pass
5**	11376.062	38.98	-4.34	54.0	-15.02	AV	202.00	150	Vertical	Pass
6	15717.826	51.26	-0.27	74.0	-22.74	Peak	221.00	150	Vertical	Pass
6**	15717.826	41.59	-0.27	54.0	-12.41	AV	221.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1218.100	42.87	-17.96	74.0	-31.13	Peak	332.00	150	Horizontal	Pass
1**	1218.100	33.28	-17.96	54.0	-20.72	AV	332.00	150	Horizontal	Pass
2	2755.800	43.01	-11.17	74.0	-30.99	Peak	136.00	150	Horizontal	Pass
2**	2755.800	33.33	-11.17	54.0	-20.67	AV	136.00	150	Horizontal	Pass
3	4050.000	45.65	-5.92	74.0	-28.35	Peak	53.00	150	Horizontal	Pass
3**	4050.000	37.00	-5.92	54.0	-17.00	AV	53.00	150	Horizontal	Pass
4	5261.750	101.87	-3.80	--	--	Peak	202.00	150	Horizontal	N/A
4**	5261.750	94.63	-3.80	--	--	AV	202.00	150	Horizontal	N/A
5	11544.212	48.74	-4.37	74.0	-25.26	Peak	329.00	150	Horizontal	Pass
5**	11544.212	39.81	-4.37	54.0	-14.19	AV	329.00	150	Horizontal	Pass
6	15709.425	51.33	-0.09	74.0	-22.67	Peak	315.00	150	Horizontal	Pass
6**	15709.425	42.02	-0.09	54.0	-11.98	AV	315.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1207.000	41.19	-17.83	74.0	-32.81	Peak	163.00	150	Vertical	Pass
1**	1207.000	31.57	-17.83	54.0	-22.43	AV	163.00	150	Vertical	Pass
2	2782.400	42.14	-11.21	74.0	-31.86	Peak	303.00	150	Vertical	Pass
2**	2782.400	33.07	-11.21	54.0	-20.93	AV	303.00	150	Vertical	Pass
3	4006.250	46.73	-5.70	74.0	-27.27	Peak	239.00	150	Vertical	Pass
3**	4006.250	37.08	-5.70	54.0	-16.92	AV	239.00	150	Vertical	Pass
4	5259.500	100.03	-3.61	--	--	Peak	147.00	150	Vertical	N/A
4**	5259.500	92.09	-3.61	--	--	AV	147.00	150	Vertical	N/A
5	11306.237	48.88	-4.06	74.0	-25.12	Peak	57.00	150	Vertical	Pass
5**	11306.237	39.82	-4.06	54.0	-14.18	AV	57.00	150	Vertical	Pass
6	15698.400	50.82	0.06	74.0	-23.18	Peak	90.00	150	Vertical	Pass
6**	15698.400	42.13	0.06	54.0	-11.87	AV	90.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1208.000	42.55	-17.87	74.0	-31.45	Peak	337.00	150	Horizontal	Pass
1**	1208.000	33.30	-17.87	54.0	-20.70	AV	337.00	150	Horizontal	Pass
2	2831.700	42.57	-11.37	74.0	-31.43	Peak	322.00	150	Horizontal	Pass
2**	2831.700	32.85	-11.37	54.0	-21.15	AV	322.00	150	Horizontal	Pass
3	4009.750	45.72	-5.67	74.0	-28.28	Peak	185.00	150	Horizontal	Pass
3**	4009.750	36.47	-5.67	54.0	-17.53	AV	185.00	150	Horizontal	Pass
4	5313.000	101.50	-3.73	--	--	Peak	204.00	150	Horizontal	N/A
4**	5313.000	94.01	-3.73	--	--	AV	204.00	150	Horizontal	N/A
5	11783.850	48.93	-3.68	74.0	-25.07	Peak	360.00	150	Horizontal	Pass
5**	11783.850	39.69	-3.68	54.0	-14.31	AV	360.00	150	Horizontal	Pass
6	15699.974	51.24	0.10	74.0	-22.76	Peak	335.00	150	Horizontal	Pass
6**	15699.974	42.03	0.10	54.0	-11.97	AV	335.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.900	41.63	-17.98	74.0	-32.37	Peak	161.00	150	Vertical	Pass
1**	1200.900	30.86	-17.98	54.0	-23.14	AV	161.00	150	Vertical	Pass
2	2787.600	42.28	-11.40	74.0	-31.72	Peak	4.00	150	Vertical	Pass
2**	2787.600	33.03	-11.40	54.0	-20.97	AV	4.00	150	Vertical	Pass
3	3997.750	45.85	-6.06	74.0	-28.15	Peak	293.00	150	Vertical	Pass
3**	3997.750	35.73	-6.06	54.0	-18.27	AV	293.00	150	Vertical	Pass
4	5316.750	99.99	-3.30	--	--	Peak	144.00	150	Vertical	N/A
4**	5316.750	92.66	-3.30	--	--	AV	144.00	150	Vertical	N/A
5	11210.287	48.57	-4.09	74.0	-25.43	Peak	86.00	150	Vertical	Pass
5**	11210.287	39.51	-4.09	54.0	-14.49	AV	86.00	150	Vertical	Pass
6	15708.637	50.89	-0.08	74.0	-23.11	Peak	162.00	150	Vertical	Pass
6**	15708.637	41.87	-0.08	54.0	-12.13	AV	162.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1140.800	39.66	-18.29	74.0	-34.34	Peak	89.00	150	Horizontal	Pass
1**	1140.800	29.63	-18.29	54.0	-24.37	AV	89.00	150	Horizontal	Pass
2	2806.400	42.29	-10.86	74.0	-31.71	Peak	65.00	150	Horizontal	Pass
2**	2806.400	32.43	-10.86	54.0	-21.57	AV	65.00	150	Horizontal	Pass
3	4069.500	45.43	-6.16	74.0	-28.57	Peak	212.00	150	Horizontal	Pass
3**	4069.500	36.82	-6.16	54.0	-17.18	AV	212.00	150	Horizontal	Pass
4	5264.750	104.46	-3.65	--	-91.54	Peak	196.00	150	Horizontal	N/A
4**	5264.750	95.68	-3.65	--	95.68	AV	196.00	150	Horizontal	N/A
5	11183.688	48.76	-4.17	74.0	-25.24	Peak	71.00	150	Horizontal	Pass
5**	11183.688	39.68	-4.17	54.0	-14.32	AV	71.00	150	Horizontal	Pass
6	15823.875	50.77	-0.74	74.0	-23.23	Peak	355.00	150	Horizontal	Pass
6**	15823.875	41.27	-0.74	54.0	-12.73	AV	355.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1034.400	40.79	-18.38	74.0	-33.21	Peak	242.00	150	Vertical	Pass
1**	1034.400	31.15	-18.38	54.0	-22.85	AV	242.00	150	Vertical	Pass
2	2756.300	42.21	-11.15	74.0	-31.79	Peak	26.00	150	Vertical	Pass
2**	2756.300	32.74	-11.15	54.0	-21.26	AV	26.00	150	Vertical	Pass
3	4075.750	46.48	-5.89	74.0	-27.52	Peak	298.00	150	Vertical	Pass
3**	4075.750	36.11	-5.89	54.0	-17.89	AV	298.00	150	Vertical	Pass
4	5258.250	102.83	-3.90	--	--	Peak	147.00	150	Vertical	N/A
4**	5258.250	94.41	-3.90	--	--	AV	147.00	150	Vertical	N/A
5	11795.488	49.81	-3.57	74.0	-24.19	Peak	284.00	150	Vertical	Pass
5**	11795.488	38.98	-3.57	54.0	-15.02	AV	284.00	150	Vertical	Pass
6	16043.062	51.43	-0.11	74.0	-22.57	Peak	7.00	150	Vertical	Pass
6**	16043.062	42.15	-0.11	54.0	-11.85	AV	7.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.100	41.91	-17.11	74.0	-32.09	Peak	116.00	150	Horizontal	Pass
1**	1328.100	32.81	-17.11	54.0	-21.19	AV	116.00	150	Horizontal	Pass
2	2823.000	42.22	-11.34	74.0	-31.78	Peak	350.00	150	Horizontal	Pass
2**	2823.000	33.44	-11.34	54.0	-20.56	AV	350.00	150	Horizontal	Pass
3	4178.250	46.49	-5.18	74.0	-27.51	Peak	37.00	150	Horizontal	Pass
3**	4178.250	36.93	-5.18	54.0	-17.07	AV	37.00	150	Horizontal	Pass
4	5296.750	103.94	-3.52	--	--	Peak	196.00	150	Horizontal	N/A
4**	5296.750	96.54	-3.52	--	--	AV	196.00	150	Horizontal	N/A
5	11190.338	48.97	-4.12	74.0	-25.03	Peak	360.00	150	Horizontal	Pass
5**	11190.338	39.07	-4.12	54.0	-14.93	AV	360.00	150	Horizontal	Pass
6	15805.763	50.83	-0.72	74.0	-23.17	Peak	165.00	150	Horizontal	Pass
6**	15805.763	41.08	-0.72	54.0	-12.92	AV	165.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1185.200	43.06	-18.10	74.0	-30.94	Peak	23.00	150	Vertical	Pass
1**	1185.200	32.30	-18.10	54.0	-21.70	AV	23.00	150	Vertical	Pass
2	2804.500	42.68	-10.98	74.0	-31.32	Peak	18.00	150	Vertical	Pass
2**	2804.500	32.45	-10.98	54.0	-21.55	AV	18.00	150	Vertical	Pass
3	4022.500	45.52	-6.15	74.0	-28.48	Peak	320.00	150	Vertical	Pass
3**	4022.500	36.38	-6.15	54.0	-17.62	AV	320.00	150	Vertical	Pass
4	5298.500	101.03	-3.56	--	--	Peak	144.00	150	Vertical	N/A
4**	5298.500	92.85	-3.56	--	--	AV	144.00	150	Vertical	N/A
5	11801.187	49.36	-3.53	74.0	-24.64	Peak	130.00	150	Vertical	Pass
5**	11801.187	39.14	-3.53	54.0	-14.86	AV	130.00	150	Vertical	Pass
6	15717.562	50.73	-0.27	74.0	-23.27	Peak	234.00	150	Vertical	Pass
6**	15717.562	42.43	-0.27	54.0	-11.57	AV	234.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1175.300	40.69	-18.10	74.0	-33.31	Peak	342.00	150	Horizontal	Pass
1**	1175.300	31.72	-18.10	54.0	-22.28	AV	342.00	150	Horizontal	Pass
2	2739.100	42.72	-10.92	74.0	-31.28	Peak	121.00	150	Horizontal	Pass
2**	2739.100	33.29	-10.92	54.0	-20.71	AV	121.00	150	Horizontal	Pass
3	4028.500	45.65	-6.26	74.0	-28.35	Peak	229.00	150	Horizontal	Pass
3**	4028.500	36.38	-6.26	54.0	-17.62	AV	229.00	150	Horizontal	Pass
4	5321.250	104.26	-3.38	--	--	Peak	196.00	150	Horizontal	N/A
4**	5321.250	97.19	-3.38	--	--	AV	196.00	150	Horizontal	N/A
5	11542.550	48.49	-4.37	74.0	-25.51	Peak	257.00	150	Horizontal	Pass
5**	11542.550	38.65	-4.37	54.0	-15.35	AV	257.00	150	Horizontal	Pass
6	16047.787	52.03	-0.10	74.0	-21.97	Peak	78.00	150	Horizontal	Pass
6**	16047.787	43.19	-0.10	54.0	-10.81	AV	78.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.000	40.87	-18.14	74.0	-33.13	Peak	18.00	150	Vertical	Pass
1**	1165.000	31.18	-18.14	54.0	-22.82	AV	18.00	150	Vertical	Pass
2	2834.700	42.59	-11.36	74.0	-31.41	Peak	101.00	150	Vertical	Pass
2**	2834.700	33.51	-11.36	54.0	-20.49	AV	101.00	150	Vertical	Pass
3	4013.000	47.05	-5.62	74.0	-26.95	Peak	197.00	150	Vertical	Pass
3**	4013.000	36.84	-5.62	54.0	-17.16	AV	197.00	150	Vertical	Pass
4	5319.000	101.80	-3.55	--	--	Peak	138.00	150	Vertical	N/A
4**	5319.000	94.04	-3.55	--	--	AV	138.00	150	Vertical	N/A
5	11308.137	49.56	-4.08	74.0	-24.44	Peak	117.00	150	Vertical	Pass
5**	11308.137	39.51	-4.08	54.0	-14.49	AV	117.00	150	Vertical	Pass
6	15811.013	51.00	-0.73	74.0	-23.00	Peak	127.00	150	Vertical	Pass
6**	15811.013	40.97	-0.73	54.0	-13.03	AV	127.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1320.300	41.46	-17.29	74.0	-32.54	Peak	111.00	150	Horizontal	Pass
1**	1320.300	32.53	-17.29	54.0	-21.47	AV	111.00	150	Horizontal	Pass
2	2809.900	42.02	-11.09	74.0	-31.98	Peak	106.00	150	Horizontal	Pass
2**	2809.900	34.04	-11.09	54.0	-19.96	AV	106.00	150	Horizontal	Pass
3	4151.750	46.41	-6.02	74.0	-27.59	Peak	263.00	150	Horizontal	Pass
3**	4151.750	37.06	-6.02	54.0	-16.94	AV	263.00	150	Horizontal	Pass
4	5258.750	100.80	-3.78	--	--	Peak	214.00	150	Horizontal	N/A
4**	5258.750	93.26	-3.78	--	--	AV	214.00	150	Horizontal	N/A
5	12027.050	49.15	-3.45	74.0	-24.85	Peak	213.00	150	Horizontal	Pass
5**	12027.050	39.58	-3.45	54.0	-14.42	AV	213.00	150	Horizontal	Pass
6	15950.401	50.94	-0.23	74.0	-23.06	Peak	127.00	150	Horizontal	Pass
6**	15950.401	42.36	-0.23	54.0	-11.64	AV	127.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1185.500	40.71	-18.14	74.0	-33.29	Peak	21.00	150	Vertical	Pass
1**	1185.500	32.51	-18.14	54.0	-21.49	AV	21.00	150	Vertical	Pass
2	2760.400	42.26	-11.22	74.0	-31.74	Peak	360.00	150	Vertical	Pass
2**	2760.400	33.64	-11.22	54.0	-20.36	AV	360.00	150	Vertical	Pass
3	4007.250	45.41	-5.71	74.0	-28.59	Peak	264.00	150	Vertical	Pass
3**	4007.250	36.22	-5.71	54.0	-17.78	AV	264.00	150	Vertical	Pass
4	5260.500	98.09	-3.71	--	--	Peak	147.00	150	Vertical	N/A
4**	5260.500	91.13	-3.71	--	--	AV	147.00	150	Vertical	N/A
5	12048.663	49.19	-3.33	74.0	-24.81	Peak	2.00	150	Vertical	Pass
5**	12048.663	39.88	-3.33	54.0	-14.12	AV	2.00	150	Vertical	Pass
6	15467.400	50.61	-0.38	74.0	-23.39	Peak	91.00	150	Vertical	Pass
6**	15467.400	41.30	-0.38	54.0	-12.70	AV	91.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1320.700	41.83	-17.29	74.0	-32.17	Peak	7.00	150	Horizontal	Pass
1**	1320.700	32.37	-17.29	54.0	-21.63	AV	7.00	150	Horizontal	Pass
2	2777.100	42.50	-10.89	74.0	-31.50	Peak	77.00	150	Horizontal	Pass
2**	2777.100	33.42	-10.89	54.0	-20.58	AV	77.00	150	Horizontal	Pass
3	3939.000	45.61	-5.88	74.0	-28.39	Peak	21.00	150	Horizontal	Pass
3**	3939.000	36.59	-5.88	54.0	-17.41	AV	21.00	150	Horizontal	Pass
4	5319.000	100.59	-3.55	--	--	Peak	180.00	150	Horizontal	N/A
4**	5319.000	93.30	-3.55	--	--	AV	180.00	150	Horizontal	N/A
5	11425.700	49.07	-4.04	74.0	-24.93	Peak	152.00	150	Horizontal	Pass
5**	11425.700	39.14	-4.04	54.0	-14.86	AV	152.00	150	Horizontal	Pass
6	15705.750	50.52	-0.02	74.0	-23.48	Peak	140.00	150	Horizontal	Pass
6**	15705.750	41.60	-0.02	54.0	-12.40	AV	140.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1318.700	41.70	-17.29	74.0	-32.30	Peak	134.00	150	Vertical	Pass
1**	1318.700	33.03	-17.29	54.0	-20.97	AV	134.00	150	Vertical	Pass
2	2866.000	42.71	-10.35	74.0	-31.29	Peak	78.00	150	Vertical	Pass
2**	2866.000	33.23	-10.35	54.0	-20.77	AV	78.00	150	Vertical	Pass
3	4000.500	46.10	-5.87	74.0	-27.90	Peak	197.00	150	Vertical	Pass
3**	4000.500	36.01	-5.87	54.0	-17.99	AV	197.00	150	Vertical	Pass
4	5316.500	98.01	-3.33	--	--	Peak	138.00	150	Vertical	N/A
4**	5316.500	90.50	-3.33	--	--	AV	138.00	150	Vertical	N/A
5	11386.276	48.94	-4.29	74.0	-25.06	Peak	360.00	150	Vertical	Pass
5**	11386.276	39.36	-4.29	54.0	-14.64	AV	360.00	150	Vertical	Pass
6	15688.162	51.53	-0.24	74.0	-22.47	Peak	262.00	150	Vertical	Pass
6**	15688.162	41.54	-0.24	54.0	-12.46	AV	262.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.200	45.09	-17.10	74.0	-28.91	Peak	144.00	150	Horizontal	Pass
1**	1328.200	36.43	-17.10	54.0	-17.57	AV	144.00	150	Horizontal	Pass
2	2800.400	42.86	-11.08	74.0	-31.14	Peak	269.00	150	Horizontal	Pass
2**	2800.400	32.42	-11.08	54.0	-21.58	AV	269.00	150	Horizontal	Pass
3	4085.250	45.54	-5.75	74.0	-28.46	Peak	69.00	150	Horizontal	Pass
3**	4085.250	37.02	-5.75	54.0	-16.98	AV	69.00	150	Horizontal	Pass
4	5271.250	98.15	-3.27	--	--	Peak	187.00	150	Horizontal	N/A
4**	5271.250	91.23	-3.27	--	--	AV	187.00	150	Horizontal	N/A
5	11392.213	48.87	-4.26	74.0	-25.13	Peak	329.00	150	Horizontal	Pass
5**	11392.213	38.36	-4.26	54.0	-15.64	AV	329.00	150	Horizontal	Pass
6	15779.512	50.28	-0.81	74.0	-23.72	Peak	0.00	150	Horizontal	Pass
6**	15779.512	40.80	-0.81	54.0	-13.20	AV	0.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1317.900	41.52	-17.29	74.0	-32.48	Peak	89.00	150	Vertical	Pass
1**	1317.900	33.11	-17.29	54.0	-20.89	AV	89.00	150	Vertical	Pass
2	2765.000	43.11	-11.35	74.0	-30.89	Peak	60.00	150	Vertical	Pass
2**	2765.000	33.10	-11.35	54.0	-20.90	AV	60.00	150	Vertical	Pass
3	4040.500	45.78	-6.13	74.0	-28.22	Peak	239.00	150	Vertical	Pass
3**	4040.500	35.97	-6.13	54.0	-18.03	AV	239.00	150	Vertical	Pass
4	5276.750	97.04	-3.44	--	--	Peak	147.00	150	Vertical	N/A
4**	5276.750	87.09	-3.44	--	--	AV	147.00	150	Vertical	N/A
5	11812.588	49.16	-3.45	74.0	-24.84	Peak	108.00	150	Vertical	Pass
5**	11812.588	39.84	-3.45	54.0	-14.16	AV	108.00	150	Vertical	Pass
6	16022.850	51.01	-0.13	74.0	-22.99	Peak	318.00	150	Vertical	Pass
6**	16022.850	42.53	-0.13	54.0	-11.47	AV	318.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1318.600	45.56	-17.29	74.0	-28.44	Peak	146.00	150	Horizontal	Pass
1**	1318.600	35.26	-17.29	54.0	-18.74	AV	146.00	150	Horizontal	Pass
2	2749.400	42.44	-11.31	74.0	-31.56	Peak	58.00	150	Horizontal	Pass
2**	2749.400	32.97	-11.31	54.0	-21.03	AV	58.00	150	Horizontal	Pass
3	4260.250	47.85	-4.47	74.0	-26.15	Peak	303.00	150	Horizontal	Pass
3**	4260.250	37.82	-4.47	54.0	-16.18	AV	303.00	150	Horizontal	Pass
4	5496.500	104.69	-3.22	--	--	Peak	202.00	150	Horizontal	N/A
4**	5496.500	98.77	-3.22	--	--	AV	202.00	150	Horizontal	N/A
5	12060.300	49.42	-3.41	74.0	-24.58	Peak	69.00	150	Horizontal	Pass
5**	12060.300	40.27	-3.41	54.0	-13.73	AV	69.00	150	Horizontal	Pass
6	15705.224	51.10	-0.01	74.0	-22.90	Peak	360.00	150	Horizontal	Pass
6**	15705.224	41.61	-0.01	54.0	-12.39	AV	360.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1317.000	42.24	-17.29	74.0	-31.76	Peak	116.00	150	Vertical	Pass
1**	1317.000	32.86	-17.29	54.0	-21.14	AV	116.00	150	Vertical	Pass
2	2759.700	42.31	-11.28	74.0	-31.69	Peak	308.00	150	Vertical	Pass
2**	2759.700	34.17	-11.28	54.0	-19.83	AV	308.00	150	Vertical	Pass
3	4012.500	46.20	-5.61	74.0	-27.80	Peak	292.00	150	Vertical	Pass
3**	4012.500	36.75	-5.61	54.0	-17.25	AV	292.00	150	Vertical	Pass
4	5502.750	103.19	-3.23	--	--	Peak	111.00	150	Vertical	N/A
4**	5502.750	95.88	-3.23	--	--	AV	111.00	150	Vertical	N/A
5	10980.388	49.12	-4.83	74.0	-24.88	Peak	177.00	150	Vertical	Pass
5**	10980.388	39.09	-4.83	54.0	-14.91	AV	177.00	150	Vertical	Pass
6	15713.887	51.33	-0.19	74.0	-22.67	Peak	212.00	150	Vertical	Pass
6**	15713.887	42.56	-0.19	54.0	-11.44	AV	212.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1178.200	45.36	-17.90	74.0	-28.64	Peak	119.00	150	Horizontal	Pass
1**	1178.200	34.36	-17.90	54.0	-19.64	AV	119.00	150	Horizontal	Pass
2	2809.600	43.00	-11.06	74.0	-31.00	Peak	220.00	150	Horizontal	Pass
2**	2809.600	33.48	-11.06	54.0	-20.52	AV	220.00	150	Horizontal	Pass
3	4137.250	46.45	-5.63	74.0	-27.55	Peak	138.00	150	Horizontal	Pass
3**	4137.250	36.93	-5.63	54.0	-17.07	AV	138.00	150	Horizontal	Pass
4	5576.500	105.13	-2.90	--	--	Peak	189.00	150	Horizontal	N/A
4**	5576.500	98.13	-2.90	--	--	AV	189.00	150	Horizontal	N/A
5	11788.125	49.15	-3.64	74.0	-24.85	Peak	223.00	150	Horizontal	Pass
5**	11788.125	39.91	-3.64	54.0	-14.09	AV	223.00	150	Horizontal	Pass
6	15698.138	50.92	0.05	74.0	-23.08	Peak	360.00	150	Horizontal	Pass
6**	15698.138	42.03	0.05	54.0	-11.97	AV	360.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.200	42.15	-17.20	74.0	-31.85	Peak	119.00	150	Vertical	Pass
1**	1329.200	33.03	-17.20	54.0	-20.97	AV	119.00	150	Vertical	Pass
2	2786.900	42.57	-11.32	74.0	-31.43	Peak	180.00	150	Vertical	Pass
2**	2786.900	32.74	-11.32	54.0	-21.26	AV	180.00	150	Vertical	Pass
3	4128.000	46.24	-5.59	74.0	-27.76	Peak	269.00	150	Vertical	Pass
3**	4128.000	36.70	-5.59	54.0	-17.30	AV	269.00	150	Vertical	Pass
4	5582.000	104.21	-2.79	--	--	Peak	141.00	150	Vertical	N/A
4**	5582.000	96.43	-2.79	--	--	AV	141.00	150	Vertical	N/A
5	11539.225	48.70	-4.36	74.0	-25.30	Peak	177.00	150	Vertical	Pass
5**	11539.225	38.61	-4.36	54.0	-15.39	AV	177.00	150	Vertical	Pass
6	15778.201	51.12	-0.82	74.0	-22.88	Peak	313.00	150	Vertical	Pass
6**	15778.201	41.47	-0.82	54.0	-12.53	AV	313.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1325.600	41.80	-17.38	74.0	-32.20	Peak	115.00	150	Vertical	Pass
1**	1325.600	32.91	-17.38	54.0	-21.09	AV	115.00	150	Vertical	Pass
2	2756.400	42.71	-11.16	74.0	-31.29	Peak	155.00	150	Vertical	Pass
2**	2756.400	33.88	-11.16	54.0	-20.12	AV	155.00	150	Vertical	Pass
3	4005.000	46.16	-5.72	74.0	-27.84	Peak	64.00	150	Vertical	Pass
3**	4005.000	36.88	-5.72	54.0	-17.12	AV	64.00	150	Vertical	Pass
4	5695.750	102.63	-2.78	--	--	Peak	113.00	150	Vertical	N/A
4**	5695.750	95.28	-2.78	--	--	AV	113.00	150	Vertical	N/A
5	11683.151	48.84	-4.29	74.0	-25.16	Peak	211.00	150	Vertical	Pass
5**	11683.151	39.22	-4.29	54.0	-14.78	AV	211.00	150	Vertical	Pass
6	15464.250	51.71	-0.34	74.0	-22.29	Peak	323.00	150	Vertical	Pass
6**	15464.250	41.19	-0.34	54.0	-12.81	AV	323.00	150	Vertical	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1170.300	44.53	-18.19	74.0	-29.47	Peak	114.00	150	Horizontal	Pass
1**	1170.300	34.19	-18.19	54.0	-19.81	AV	114.00	150	Horizontal	Pass
2	2829.800	43.10	-11.50	74.0	-30.90	Peak	261.00	150	Horizontal	Pass
2**	2829.800	33.03	-11.50	54.0	-20.97	AV	261.00	150	Horizontal	Pass
3	4016.000	45.83	-5.72	74.0	-28.17	Peak	246.00	150	Horizontal	Pass
3**	4016.000	36.61	-5.72	54.0	-17.39	AV	246.00	150	Horizontal	Pass
4	5698.250	104.73	-2.93	--	--	Peak	246.00	150	Horizontal	N/A
4**	5698.250	97.00	-2.93	--	--	AV	246.00	150	Horizontal	N/A
5	12453.125	50.43	-2.17	74.0	-23.57	Peak	154.00	150	Horizontal	Pass
5**	12453.125	39.52	-2.17	54.0	-14.48	AV	154.00	150	Horizontal	Pass
6	15717.037	51.36	-0.25	74.0	-22.64	Peak	32.00	150	Horizontal	Pass
6**	15717.037	41.28	-0.25	54.0	-12.72	AV	32.00	150	Horizontal	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1203.000	44.29	-17.79	74.0	-29.71	Peak	119.00	150	Horizontal	Pass
1**	1203.000	35.30	-17.79	54.0	-18.70	AV	119.00	150	Horizontal	Pass
2	2877.200	43.38	-10.07	74.0	-30.62	Peak	208.00	150	Horizontal	Pass
2**	2877.200	33.57	-10.07	54.0	-20.43	AV	208.00	150	Horizontal	Pass
3	4056.250	45.76	-5.92	74.0	-28.24	Peak	115.00	150	Horizontal	Pass
3**	4056.250	36.50	-5.92	54.0	-17.50	AV	115.00	150	Horizontal	Pass
4	5499.000	103.48	-3.29	--	--	Peak	199.00	150	Horizontal	N/A
4**	5499.000	95.76	-3.29	--	--	AV	199.00	150	Horizontal	N/A
5	11151.863	48.67	-4.40	74.0	-25.33	Peak	78.00	150	Horizontal	Pass
5**	11151.863	39.14	-4.40	54.0	-14.86	AV	78.00	150	Horizontal	Pass
6	15466.875	51.44	-0.37	74.0	-22.56	Peak	140.00	150	Horizontal	Pass
6**	15466.875	41.78	-0.37	54.0	-12.22	AV	140.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1349.400	41.78	-17.55	74.0	-32.22	Peak	119.00	150	Vertical	Pass
1**	1349.400	32.50	-17.55	54.0	-21.50	AV	119.00	150	Vertical	Pass
2	2775.600	42.73	-10.92	74.0	-31.27	Peak	239.00	150	Vertical	Pass
2**	2775.600	34.31	-10.92	54.0	-19.69	AV	239.00	150	Vertical	Pass
3	4036.500	46.23	-6.19	74.0	-27.77	Peak	291.00	150	Vertical	Pass
3**	4036.500	36.62	-6.19	54.0	-17.38	AV	291.00	150	Vertical	Pass
4	5497.000	101.61	-3.31	--	--	Peak	113.00	150	Vertical	N/A
4**	5497.000	93.98	-3.31	--	--	AV	113.00	150	Vertical	N/A
5	11540.888	48.92	-4.37	74.0	-25.08	Peak	129.00	150	Vertical	Pass
5**	11540.888	39.66	-4.37	54.0	-14.34	AV	129.00	150	Vertical	Pass
6	16108.162	52.38	-0.90	74.0	-21.62	Peak	199.00	150	Vertical	Pass
6**	16108.162	41.70	-0.90	54.0	-12.30	AV	199.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1192.300	44.62	-17.89	74.0	-29.38	Peak	61.00	150	Horizontal	Pass
1**	1192.300	34.42	-17.89	54.0	-19.58	AV	61.00	150	Horizontal	Pass
2	2794.600	42.84	-11.15	74.0	-31.16	Peak	103.00	150	Horizontal	Pass
2**	2794.600	33.45	-11.15	54.0	-20.55	AV	103.00	150	Horizontal	Pass
3	4131.250	46.14	-5.66	74.0	-27.86	Peak	274.00	150	Horizontal	Pass
3**	4131.250	36.77	-5.66	54.0	-17.23	AV	274.00	150	Horizontal	Pass
4	5577.500	102.51	-2.89	--	--	Peak	189.00	150	Horizontal	N/A
4**	5577.500	95.34	-2.89	--	--	AV	189.00	150	Horizontal	N/A
5	11197.463	48.94	-4.07	74.0	-25.06	Peak	22.00	150	Horizontal	Pass
5**	11197.463	39.44	-4.07	54.0	-14.56	AV	22.00	150	Horizontal	Pass
6	15718.875	50.67	-0.29	74.0	-23.33	Peak	91.00	150	Horizontal	Pass
6**	15718.875	42.08	-0.29	54.0	-11.92	AV	91.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1311.000	42.32	-17.37	74.0	-31.68	Peak	107.00	150	Vertical	Pass
1**	1311.000	33.78	-17.37	54.0	-20.22	AV	107.00	150	Vertical	Pass
2	2779.000	42.34	-11.10	74.0	-31.66	Peak	295.00	150	Vertical	Pass
2**	2779.000	33.52	-11.10	54.0	-20.48	AV	295.00	150	Vertical	Pass
3	4178.750	46.58	-5.17	74.0	-27.42	Peak	105.00	150	Vertical	Pass
3**	4178.750	37.77	-5.17	54.0	-16.23	AV	105.00	150	Vertical	Pass
4	5581.750	101.16	-2.77	--	--	Peak	113.00	150	Vertical	N/A
4**	5581.750	93.64	-2.77	--	--	AV	113.00	150	Vertical	N/A
5	11069.688	48.80	-4.86	74.0	-25.20	Peak	341.00	150	Vertical	Pass
5**	11069.688	38.71	-4.86	54.0	-15.29	AV	341.00	150	Vertical	Pass
6	15703.388	50.98	0.03	74.0	-23.02	Peak	355.00	150	Vertical	Pass
6**	15703.388	42.58	0.03	54.0	-11.42	AV	355.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1317.600	44.87	-17.29	74.0	-29.13	Peak	145.00	150	Horizontal	Pass
1**	1317.600	34.94	-17.29	54.0	-19.06	AV	145.00	150	Horizontal	Pass
2	2767.100	42.60	-11.01	74.0	-31.40	Peak	209.00	150	Horizontal	Pass
2**	2767.100	33.05	-11.01	54.0	-20.95	AV	209.00	150	Horizontal	Pass
3	4050.750	46.35	-5.90	74.0	-27.65	Peak	207.00	150	Horizontal	Pass
3**	4050.750	37.25	-5.90	54.0	-16.75	AV	207.00	150	Horizontal	Pass
4	5699.000	102.61	-2.99	--	--	Peak	249.00	150	Horizontal	N/A
4**	5699.000	96.48	-2.99	--	--	AV	249.00	150	Horizontal	N/A
5	11439.713	48.73	-3.94	74.0	-25.27	Peak	97.00	150	Horizontal	Pass
5**	11439.713	39.36	-3.94	54.0	-14.64	AV	97.00	150	Horizontal	Pass
6	15700.763	51.01	0.09	74.0	-22.99	Peak	103.00	150	Horizontal	Pass
6**	15700.763	42.15	0.09	54.0	-11.85	AV	103.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.700	42.79	-17.37	74.0	-31.21	Peak	125.00	150	Vertical	Pass
1**	1336.700	33.03	-17.37	54.0	-20.97	AV	125.00	150	Vertical	Pass
2	2757.400	43.06	-11.27	74.0	-30.94	Peak	106.00	150	Vertical	Pass
2**	2757.400	32.81	-11.27	54.0	-21.19	AV	106.00	150	Vertical	Pass
3	3961.500	46.20	-6.52	74.0	-27.80	Peak	316.00	150	Vertical	Pass
3**	3961.500	36.08	-6.52	54.0	-17.92	AV	316.00	150	Vertical	Pass
4	5696.250	100.80	-2.80	--	--	Peak	138.00	150	Vertical	N/A
4**	5696.250	93.00	-2.80	--	--	AV	138.00	150	Vertical	N/A
5	11548.963	48.44	-4.38	74.0	-25.56	Peak	329.00	150	Vertical	Pass
5**	11548.963	39.18	-4.38	54.0	-14.82	AV	329.00	150	Vertical	Pass
6	15466.613	50.82	-0.37	74.0	-23.18	Peak	204.00	150	Vertical	Pass
6**	15466.613	41.64	-0.37	54.0	-12.36	AV	204.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1218.800	44.54	-17.92	74.0	-29.46	Peak	69.00	150	Horizontal	Pass
1**	1218.800	33.39	-17.92	54.0	-20.61	AV	69.00	150	Horizontal	Pass
2	2808.500	42.54	-10.97	74.0	-31.46	Peak	18.00	150	Horizontal	Pass
2**	2808.500	32.52	-10.97	54.0	-21.48	AV	18.00	150	Horizontal	Pass
3	3926.750	45.49	-5.77	74.0	-28.51	Peak	350.00	150	Horizontal	Pass
3**	3926.750	35.84	-5.77	54.0	-18.16	AV	350.00	150	Horizontal	Pass
4	5499.500	99.33	-3.26	--	--	Peak	199.00	150	Horizontal	N/A
4**	5499.500	91.67	-3.26	--	--	AV	199.00	150	Horizontal	N/A
5	11188.912	49.44	-4.13	74.0	-24.56	Peak	71.00	150	Horizontal	Pass
5**	11188.912	39.40	-4.13	54.0	-14.60	AV	71.00	150	Horizontal	Pass
6	15846.713	50.75	-0.76	74.0	-23.25	Peak	56.00	150	Horizontal	Pass
6**	15846.713	41.60	-0.76	54.0	-12.40	AV	56.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1319.000	42.11	-17.30	74.0	-31.89	Peak	116.00	150	Vertical	Pass
1**	1319.000	33.08	-17.30	54.0	-20.92	AV	116.00	150	Vertical	Pass
2	2728.800	42.59	-11.50	74.0	-31.41	Peak	273.00	150	Vertical	Pass
2**	2728.800	33.14	-11.50	54.0	-20.86	AV	273.00	150	Vertical	Pass
3	4076.250	46.88	-5.88	74.0	-27.12	Peak	264.00	150	Vertical	Pass
3**	4076.250	37.12	-5.88	54.0	-16.88	AV	264.00	150	Vertical	Pass
4	5501.250	97.20	-3.16	--	--	Peak	147.00	150	Vertical	N/A
4**	5501.250	89.08	-3.16	--	--	AV	147.00	150	Vertical	N/A
5	11432.350	48.90	-3.99	74.0	-25.10	Peak	319.00	150	Vertical	Pass
5**	11432.350	38.90	-3.99	54.0	-15.10	AV	319.00	150	Vertical	Pass
6	15829.913	50.66	-0.74	74.0	-23.34	Peak	284.00	150	Vertical	Pass
6**	15829.913	42.04	-0.74	54.0	-11.96	AV	284.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1308.400	46.00	-17.55	74.0	-28.00	Peak	143.00	150	Horizontal	Pass
1**	1308.400	35.03	-17.55	54.0	-18.97	AV	143.00	150	Horizontal	Pass
2	2774.200	42.32	-10.84	74.0	-31.68	Peak	212.00	150	Horizontal	Pass
2**	2774.200	33.05	-10.84	54.0	-20.95	AV	212.00	150	Horizontal	Pass
3	4107.000	46.02	-5.98	74.0	-27.98	Peak	4.00	150	Horizontal	Pass
3**	4107.000	36.21	-5.98	54.0	-17.79	AV	4.00	150	Horizontal	Pass
4	5601.750	99.31	-2.93	--	--	Peak	237.00	150	Horizontal	N/A
4**	5601.750	91.28	-2.93	--	--	AV	237.00	150	Horizontal	N/A
5	11458.713	48.57	-3.95	74.0	-25.43	Peak	23.00	150	Horizontal	Pass
5**	11458.713	40.02	-3.95	54.0	-13.98	AV	23.00	150	Horizontal	Pass
6	15721.500	51.17	-0.35	74.0	-22.83	Peak	43.00	150	Horizontal	Pass
6**	15721.500	41.44	-0.35	54.0	-12.56	AV	43.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1319.300	42.41	-17.30	74.0	-31.59	Peak	128.00	150	Vertical	Pass
1**	1319.300	33.47	-17.30	54.0	-20.53	AV	128.00	150	Vertical	Pass
2	2782.500	42.27	-11.21	74.0	-31.73	Peak	211.00	150	Vertical	Pass
2**	2782.500	33.23	-11.21	54.0	-20.77	AV	211.00	150	Vertical	Pass
3	4015.000	45.68	-5.68	74.0	-28.32	Peak	315.00	150	Vertical	Pass
3**	4015.000	36.84	-5.68	54.0	-17.16	AV	315.00	150	Vertical	Pass
4	5601.750	98.93	-2.93	--	--	Peak	112.00	150	Vertical	N/A
4**	5601.750	90.00	-2.93	--	--	AV	112.00	150	Vertical	N/A
5	11206.487	48.88	-4.07	74.0	-25.12	Peak	318.00	150	Vertical	Pass
5**	11206.487	40.16	-4.07	54.0	-13.84	AV	318.00	150	Vertical	Pass
6	15536.963	51.42	-0.61	74.0	-22.58	Peak	7.00	150	Vertical	Pass
6**	15536.963	41.65	-0.61	54.0	-12.35	AV	7.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1176.200	44.59	-17.98	74.0	-29.41	Peak	114.00	150	Horizontal	Pass
1**	1176.200	34.99	-17.98	54.0	-19.01	AV	114.00	150	Horizontal	Pass
2	2814.800	42.38	-11.36	74.0	-31.62	Peak	360.00	150	Horizontal	Pass
2**	2814.800	33.03	-11.36	54.0	-20.97	AV	360.00	150	Horizontal	Pass
3	4061.000	47.02	-6.11	74.0	-26.98	Peak	181.00	150	Horizontal	Pass
3**	4061.000	36.50	-6.11	54.0	-17.50	AV	181.00	150	Horizontal	Pass
4	5658.750	99.37	-3.30	--	--	Peak	207.00	150	Horizontal	N/A
4**	5658.750	90.98	-3.30	--	--	AV	207.00	150	Horizontal	N/A
5	11378.437	48.54	-4.33	74.0	-25.46	Peak	46.00	150	Horizontal	Pass
5**	11378.437	39.04	-4.33	54.0	-14.96	AV	46.00	150	Horizontal	Pass
6	15698.400	51.35	0.06	74.0	-22.65	Peak	116.00	150	Horizontal	Pass
6**	15698.400	41.55	0.06	54.0	-12.45	AV	116.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1318.600	42.54	-17.29	74.0	-31.46	Peak	113.00	150	Vertical	Pass
1**	1318.600	32.82	-17.29	54.0	-21.18	AV	113.00	150	Vertical	Pass
2	2774.400	42.61	-10.86	74.0	-31.39	Peak	62.00	150	Vertical	Pass
2**	2774.400	32.94	-10.86	54.0	-21.06	AV	62.00	150	Vertical	Pass
3	3928.750	46.35	-5.72	74.0	-27.65	Peak	214.00	150	Vertical	Pass
3**	3928.750	36.42	-5.72	54.0	-17.58	AV	214.00	150	Vertical	Pass
4	5664.000	97.34	-3.18	--	--	Peak	113.00	150	Vertical	N/A
4**	5664.000	88.83	-3.18	--	--	AV	113.00	150	Vertical	N/A
5	11536.375	48.85	-4.36	74.0	-25.15	Peak	68.00	150	Vertical	Pass
5**	11536.375	39.57	-4.36	54.0	-14.43	AV	68.00	150	Vertical	Pass
6	15817.050	51.78	-0.73	74.0	-22.22	Peak	333.00	150	Vertical	Pass
6**	15817.050	41.68	-0.73	54.0	-12.32	AV	333.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.000	44.38	-17.86	74.0	-29.62	Peak	135.00	150	Horizontal	Pass
1**	1198.000	35.65	-17.86	54.0	-18.35	AV	135.00	150	Horizontal	Pass
2	2747.300	42.54	-11.13	74.0	-31.46	Peak	349.00	150	Horizontal	Pass
2**	2747.300	32.63	-11.13	54.0	-21.37	AV	349.00	150	Horizontal	Pass
3	4078.000	46.28	-5.85	74.0	-27.72	Peak	147.00	150	Horizontal	Pass
3**	4078.000	36.72	-5.85	54.0	-17.28	AV	147.00	150	Horizontal	Pass
4	5502.750	102.35	-3.23	--	--	Peak	189.00	150	Horizontal	N/A
4**	5502.750	95.27	-3.23	--	--	AV	189.00	150	Horizontal	N/A
5	11318.350	48.83	-4.18	74.0	-25.17	Peak	154.00	150	Horizontal	Pass
5**	11318.350	39.34	-4.18	54.0	-14.66	AV	154.00	150	Horizontal	Pass
6	15787.125	51.50	-0.77	74.0	-22.50	Peak	133.00	150	Horizontal	Pass
6**	15787.125	40.96	-0.77	54.0	-13.04	AV	133.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1321.500	41.81	-17.29	74.0	-32.19	Peak	118.00	150	Vertical	Pass
1**	1321.500	33.09	-17.29	54.0	-20.91	AV	118.00	150	Vertical	Pass
2	2727.000	42.99	-11.48	74.0	-31.01	Peak	209.00	150	Vertical	Pass
2**	2727.000	33.41	-11.48	54.0	-20.59	AV	209.00	150	Vertical	Pass
3	4112.750	46.36	-5.84	74.0	-27.64	Peak	357.00	150	Vertical	Pass
3**	4112.750	37.15	-5.84	54.0	-16.85	AV	357.00	150	Vertical	Pass
4	5497.750	99.70	-3.37	--	--	Peak	147.00	150	Vertical	N/A
4**	5497.750	93.10	-3.37	--	--	AV	147.00	150	Vertical	N/A
5	11407.175	48.65	-4.16	74.0	-25.35	Peak	234.00	150	Vertical	Pass
5**	11407.175	39.90	-4.16	54.0	-14.10	AV	234.00	150	Vertical	Pass
6	15702.600	50.68	0.05	74.0	-23.32	Peak	105.00	150	Vertical	Pass
6**	15702.600	41.83	0.05	54.0	-12.17	AV	105.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1201.700	44.46	-17.90	74.0	-29.54	Peak	131.00	150	Horizontal	Pass
1**	1201.700	34.80	-17.90	54.0	-19.20	AV	131.00	150	Horizontal	Pass
2	2822.100	42.48	-11.34	74.0	-31.52	Peak	135.00	150	Horizontal	Pass
2**	2822.100	32.65	-11.34	54.0	-21.35	AV	135.00	150	Horizontal	Pass
3	4003.000	46.26	-5.80	74.0	-27.74	Peak	80.00	150	Horizontal	Pass
3**	4003.000	37.30	-5.80	54.0	-16.70	AV	80.00	150	Horizontal	Pass
4	5576.000	101.80	-2.91	--	--	Peak	191.00	150	Horizontal	N/A
4**	5576.000	94.42	-2.91	--	--	AV	191.00	150	Horizontal	N/A
5	11443.987	48.48	-3.91	74.0	-25.52	Peak	0.00	150	Horizontal	Pass
5**	11443.987	38.97	-3.91	54.0	-15.03	AV	0.00	150	Horizontal	Pass
6	15937.800	51.47	-0.47	74.0	-22.53	Peak	107.00	150	Horizontal	Pass
6**	15937.800	41.06	-0.47	54.0	-12.94	AV	107.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1319.000	42.71	-17.30	74.0	-31.29	Peak	115.00	150	Vertical	Pass
1**	1319.000	34.38	-17.30	54.0	-19.62	AV	115.00	150	Vertical	Pass
2	2810.500	42.77	-11.16	74.0	-31.23	Peak	157.00	150	Vertical	Pass
2**	2810.500	33.40	-11.16	54.0	-20.60	AV	157.00	150	Vertical	Pass
3	4137.250	46.17	-5.63	74.0	-27.83	Peak	12.00	150	Vertical	Pass
3**	4137.250	36.95	-5.63	54.0	-17.05	AV	12.00	150	Vertical	Pass
4	5584.250	100.44	-2.93	--	--	Peak	149.00	150	Vertical	N/A
4**	5584.250	93.00	-2.93	--	--	AV	149.00	150	Vertical	N/A
5	11397.437	48.77	-4.23	74.0	-25.23	Peak	210.00	150	Vertical	Pass
5**	11397.437	39.09	-4.23	54.0	-14.91	AV	210.00	150	Vertical	Pass
6	15752.738	51.52	-0.93	74.0	-22.48	Peak	191.00	150	Vertical	Pass
6**	15752.738	40.20	-0.93	54.0	-13.80	AV	191.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1174.500	43.88	-18.15	74.0	-30.12	Peak	130.00	150	Horizontal	Pass
1**	1174.500	34.21	-18.15	54.0	-19.79	AV	130.00	150	Horizontal	Pass
2	2817.600	42.46	-11.49	74.0	-31.54	Peak	260.00	150	Horizontal	Pass
2**	2817.600	33.17	-11.49	54.0	-20.83	AV	260.00	150	Horizontal	Pass
3	3913.000	45.86	-6.49	74.0	-28.14	Peak	46.00	150	Horizontal	Pass
3**	3913.000	36.07	-6.49	54.0	-17.93	AV	46.00	150	Horizontal	Pass
4	5695.500	101.83	-2.77	--	--	Peak	249.00	150	Horizontal	N/A
4**	5695.500	93.89	-2.77	--	--	AV	249.00	150	Horizontal	N/A
5	11439.950	48.81	-3.94	74.0	-25.19	Peak	294.00	150	Horizontal	Pass
5**	11439.950	39.82	-3.94	54.0	-14.18	AV	294.00	150	Horizontal	Pass
6	15700.500	51.36	0.09	74.0	-22.64	Peak	143.00	150	Horizontal	Pass
6**	15700.500	41.61	0.09	54.0	-12.39	AV	143.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1350.100	42.12	-17.55	74.0	-31.88	Peak	131.00	150	Vertical	Pass
1**	1350.100	31.47	-17.55	54.0	-22.53	AV	131.00	150	Vertical	Pass
2	2812.400	43.71	-11.30	74.0	-30.29	Peak	91.00	150	Vertical	Pass
2**	2812.400	33.49	-11.30	54.0	-20.51	AV	91.00	150	Vertical	Pass
3	4131.500	46.71	-5.66	74.0	-27.29	Peak	275.00	150	Vertical	Pass
3**	4131.500	36.86	-5.66	54.0	-17.14	AV	275.00	150	Vertical	Pass
4	5696.250	99.27	-2.80	--	--	Peak	113.00	150	Vertical	N/A
4**	5696.250	92.89	-2.80	--	--	AV	113.00	150	Vertical	N/A
5	11050.450	48.57	-5.07	74.0	-25.43	Peak	294.00	150	Vertical	Pass
5**	11050.450	38.61	-5.07	54.0	-15.39	AV	294.00	150	Vertical	Pass
6	15698.400	51.91	0.06	74.0	-22.09	Peak	212.00	150	Vertical	Pass
6**	15698.400	42.35	0.06	54.0	-11.65	AV	212.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1184.100	44.27	-17.98	74.0	-29.73	Peak	126.00	150	Horizontal	Pass
1**	1184.100	35.86	-17.98	54.0	-18.14	AV	126.00	150	Horizontal	Pass
2	2757.200	42.71	-11.25	74.0	-31.29	Peak	256.00	150	Horizontal	Pass
2**	2757.200	33.29	-11.25	54.0	-20.71	AV	256.00	150	Horizontal	Pass
3	4142.500	46.04	-6.00	74.0	-27.96	Peak	115.00	150	Horizontal	Pass
3**	4142.500	36.71	-6.00	54.0	-17.29	AV	115.00	150	Horizontal	Pass
4	5500.500	99.77	-3.20	--	--	Peak	197.00	150	Horizontal	N/A
4**	5500.500	91.37	-3.20	--	--	AV	197.00	150	Horizontal	N/A
5	11311.462	48.73	-4.11	74.0	-25.27	Peak	142.00	150	Horizontal	Pass
5**	11311.462	40.83	-4.11	54.0	-13.17	AV	142.00	150	Horizontal	Pass
6	15469.237	51.71	-0.41	74.0	-22.29	Peak	68.00	150	Horizontal	Pass
6**	15469.237	41.36	-0.41	54.0	-12.64	AV	68.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1319.400	42.71	-17.30	74.0	-31.29	Peak	126.00	150	Vertical	Pass
1**	1319.400	32.66	-17.30	54.0	-21.34	AV	126.00	150	Vertical	Pass
2	2809.000	42.66	-11.02	74.0	-31.34	Peak	200.00	150	Vertical	Pass
2**	2809.000	33.28	-11.02	54.0	-20.72	AV	200.00	150	Vertical	Pass
3	4024.500	45.91	-6.29	74.0	-28.09	Peak	258.00	150	Vertical	Pass
3**	4024.500	36.05	-6.29	54.0	-17.95	AV	258.00	150	Vertical	Pass
4	5514.750	97.58	-3.15	--	--	Peak	147.00	150	Vertical	N/A
4**	5514.750	89.37	-3.15	--	--	AV	147.00	150	Vertical	N/A
5	11062.799	48.78	-4.93	74.0	-25.22	Peak	56.00	150	Vertical	Pass
5**	11062.799	39.00	-4.93	54.0	-15.00	AV	56.00	150	Vertical	Pass
6	15817.050	51.07	-0.73	74.0	-22.93	Peak	310.00	150	Vertical	Pass
6**	15817.050	41.92	-0.73	54.0	-12.08	AV	310.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.900	43.98	-18.21	74.0	-30.02	Peak	124.00	150	Horizontal	Pass
1**	1165.900	33.78	-18.21	54.0	-20.22	AV	124.00	150	Horizontal	Pass
2	2807.300	42.10	-10.86	74.0	-31.90	Peak	116.00	150	Horizontal	Pass
2**	2807.300	33.54	-10.86	54.0	-20.46	AV	116.00	150	Horizontal	Pass
3	3934.750	45.80	-5.67	74.0	-28.20	Peak	325.00	150	Horizontal	Pass
3**	3934.750	36.59	-5.67	54.0	-17.41	AV	325.00	150	Horizontal	Pass
4	5580.500	99.79	-2.67	--	--	Peak	189.00	150	Horizontal	N/A
4**	5580.500	91.21	-2.67	--	--	AV	189.00	150	Horizontal	N/A
5	11173.000	48.66	-4.25	74.0	-25.34	Peak	306.00	150	Horizontal	Pass
5**	11173.000	38.79	-4.25	54.0	-15.21	AV	306.00	150	Horizontal	Pass
6	15708.900	50.53	-0.08	74.0	-23.47	Peak	360.00	150	Horizontal	Pass
6**	15708.900	41.76	-0.08	54.0	-12.24	AV	360.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1318.100	42.34	-17.29	74.0	-31.66	Peak	123.00	150	Vertical	Pass
1**	1318.100	34.42	-17.29	54.0	-19.58	AV	123.00	150	Vertical	Pass
2	2797.300	42.37	-11.25	74.0	-31.63	Peak	306.00	150	Vertical	Pass
2**	2797.300	33.13	-11.25	54.0	-20.87	AV	306.00	150	Vertical	Pass
3	3941.000	46.01	-6.05	74.0	-27.99	Peak	105.00	150	Vertical	Pass
3**	3941.000	35.40	-6.05	54.0	-18.60	AV	105.00	150	Vertical	Pass
4	5579.750	98.16	-2.72	--	--	Peak	147.00	150	Vertical	N/A
4**	5579.750	89.19	-2.72	--	--	AV	147.00	150	Vertical	N/A
5	11455.625	48.15	-3.92	74.0	-25.85	Peak	151.00	150	Vertical	Pass
5**	11455.625	39.83	-3.92	54.0	-14.17	AV	151.00	150	Vertical	Pass
6	15714.150	50.66	-0.19	74.0	-23.34	Peak	239.00	150	Vertical	Pass
6**	15714.150	41.45	-0.19	54.0	-12.55	AV	239.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1174.800	44.47	-18.14	74.0	-29.53	Peak	64.00	150	Horizontal	Pass
1**	1174.800	34.61	-18.14	54.0	-19.39	AV	64.00	150	Horizontal	Pass
2	2790.200	42.33	-11.26	74.0	-31.67	Peak	23.00	150	Horizontal	Pass
2**	2790.200	33.41	-11.26	54.0	-20.59	AV	23.00	150	Horizontal	Pass
3	3980.250	45.56	-6.01	74.0	-28.44	Peak	79.00	150	Horizontal	Pass
3**	3980.250	36.54	-6.01	54.0	-17.46	AV	79.00	150	Horizontal	Pass
4	5659.000	98.64	-3.33	--	--	Peak	207.00	150	Horizontal	N/A
4**	5659.000	91.57	-3.33	--	--	AV	207.00	150	Horizontal	N/A
5	11419.050	49.42	-4.08	74.0	-24.58	Peak	0.00	150	Horizontal	Pass
5**	11419.050	38.97	-4.08	54.0	-15.03	AV	0.00	150	Horizontal	Pass
6	15796.575	50.87	-0.73	74.0	-23.13	Peak	31.00	150	Horizontal	Pass
6**	15796.575	42.02	-0.73	54.0	-11.98	AV	31.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1322.100	42.28	-17.31	74.0	-31.72	Peak	118.00	150	Vertical	Pass
1**	1322.100	32.12	-17.31	54.0	-21.88	AV	118.00	150	Vertical	Pass
2	2816.800	42.42	-11.44	74.0	-31.58	Peak	160.00	150	Vertical	Pass
2**	2816.800	33.54	-11.44	54.0	-20.46	AV	160.00	150	Vertical	Pass
3	4231.250	46.25	-5.10	74.0	-27.75	Peak	263.00	150	Vertical	Pass
3**	4231.250	37.74	-5.10	54.0	-16.26	AV	263.00	150	Vertical	Pass
4	5659.250	97.30	-3.33	--	--	Peak	111.00	150	Vertical	N/A
4**	5659.250	89.74	-3.33	--	--	AV	111.00	150	Vertical	N/A
5	11089.875	48.73	-4.64	74.0	-25.27	Peak	282.00	150	Vertical	Pass
5**	11089.875	38.76	-4.64	54.0	-15.24	AV	282.00	150	Vertical	Pass
6	15727.275	51.03	-0.47	74.0	-22.97	Peak	306.00	150	Vertical	Pass
6**	15727.275	42.43	-0.47	54.0	-11.57	AV	306.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1176.600	45.01	-17.93	74.0	-28.99	Peak	135.00	150	Horizontal	Pass
1**	1176.600	35.47	-17.93	54.0	-18.53	AV	135.00	150	Horizontal	Pass
2	2774.100	42.53	-10.83	74.0	-31.47	Peak	0.00	150	Horizontal	Pass
2**	2774.100	33.70	-10.83	54.0	-20.30	AV	0.00	150	Horizontal	Pass
3	4082.250	46.09	-5.77	74.0	-27.91	Peak	174.00	150	Horizontal	Pass
3**	4082.250	36.18	-5.77	54.0	-17.82	AV	174.00	150	Horizontal	Pass
4	5509.500	96.28	-3.32	--	--	Peak	199.00	150	Horizontal	N/A
4**	5509.500	88.42	-3.32	--	--	AV	199.00	150	Horizontal	N/A
5	11685.049	48.08	-4.28	74.0	-25.92	Peak	280.00	150	Horizontal	Pass
5**	11685.049	39.40	-4.28	54.0	-14.60	AV	280.00	150	Horizontal	Pass
6	15812.062	50.98	-0.73	74.0	-23.02	Peak	322.00	150	Horizontal	Pass
6**	15812.062	41.26	-0.73	54.0	-12.74	AV	322.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1318.200	42.94	-17.29	74.0	-31.06	Peak	111.00	150	Vertical	Pass
1**	1318.200	32.89	-17.29	54.0	-21.11	AV	111.00	150	Vertical	Pass
2	2846.900	43.11	-10.93	74.0	-30.89	Peak	65.00	150	Vertical	Pass
2**	2846.900	33.16	-10.93	54.0	-20.84	AV	65.00	150	Vertical	Pass
3	4113.250	45.78	-5.88	74.0	-28.22	Peak	249.00	150	Vertical	Pass
3**	4113.250	36.92	-5.88	54.0	-17.08	AV	249.00	150	Vertical	Pass
4	5521.750	93.55	-2.97	--	--	Peak	147.00	150	Vertical	N/A
4**	5521.750	85.37	-2.97	--	--	AV	147.00	150	Vertical	N/A
5	11453.013	48.63	-3.90	74.0	-25.37	Peak	151.00	150	Vertical	Pass
5**	11453.013	40.00	-3.90	54.0	-14.00	AV	151.00	150	Vertical	Pass
6	15784.237	51.31	-0.79	74.0	-22.69	Peak	204.00	150	Vertical	Pass
6**	15784.237	42.26	-0.79	54.0	-11.74	AV	204.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1170.800	43.55	-18.15	74.0	-30.45	Peak	125.00	150	Horizontal	Pass
1**	1170.800	34.46	-18.15	54.0	-19.54	AV	125.00	150	Horizontal	Pass
2	2824.600	42.32	-11.33	74.0	-31.68	Peak	111.00	150	Horizontal	Pass
2**	2824.600	33.28	-11.33	54.0	-20.72	AV	111.00	150	Horizontal	Pass
3	4065.250	46.04	-5.96	74.0	-27.96	Peak	263.00	150	Horizontal	Pass
3**	4065.250	36.45	-5.96	54.0	-17.55	AV	263.00	150	Horizontal	Pass
4	5601.000	96.87	-2.94	--	--	Peak	238.00	150	Horizontal	N/A
4**	5601.000	88.21	-2.94	--	--	AV	238.00	150	Horizontal	N/A
5	11792.162	49.86	-3.60	74.0	-24.14	Peak	0.00	150	Horizontal	Pass
5**	11792.162	39.87	-3.60	54.0	-14.13	AV	0.00	150	Horizontal	Pass
6	15713.100	50.85	-0.17	74.0	-23.15	Peak	68.00	150	Horizontal	Pass
6**	15713.100	42.19	-0.17	54.0	-11.81	AV	68.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1341.900	42.33	-17.52	74.0	-31.67	Peak	129.00	150	Vertical	Pass
1**	1341.900	32.85	-17.52	54.0	-21.15	AV	129.00	150	Vertical	Pass
2	2759.600	42.57	-11.29	74.0	-31.43	Peak	305.00	150	Vertical	Pass
2**	2759.600	32.89	-11.29	54.0	-21.11	AV	305.00	150	Vertical	Pass
3	4121.750	46.82	-5.87	74.0	-27.18	Peak	343.00	150	Vertical	Pass
3**	4121.750	37.14	-5.87	54.0	-16.86	AV	343.00	150	Vertical	Pass
4	5618.000	95.86	-2.74	--	--	Peak	115.00	150	Vertical	N/A
4**	5618.000	88.09	-2.74	--	--	AV	115.00	150	Vertical	N/A
5	12039.400	48.74	-3.38	74.0	-25.26	Peak	329.00	150	Vertical	Pass
5**	12039.400	39.21	-3.38	54.0	-14.79	AV	329.00	150	Vertical	Pass
6	15707.588	50.95	-0.06	74.0	-23.05	Peak	81.00	150	Vertical	Pass
6**	15707.588	41.57	-0.06	54.0	-12.43	AV	81.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1170.700	45.28	-18.16	74.0	-28.72	Peak	137.00	150	Horizontal	Pass
1**	1170.700	34.21	-18.16	54.0	-19.79	AV	137.00	150	Horizontal	Pass
2	2793.600	42.74	-11.24	74.0	-31.26	Peak	0.00	150	Horizontal	Pass
2**	2793.600	33.44	-11.24	54.0	-20.56	AV	0.00	150	Horizontal	Pass
3	4023.250	46.25	-6.19	74.0	-27.75	Peak	106.00	150	Horizontal	Pass
3**	4023.250	36.22	-6.19	54.0	-17.78	AV	106.00	150	Horizontal	Pass
4	5749.000	102.84	-2.95	--	--	Peak	180.00	150	Horizontal	N/A
4**	5749.000	95.36	-2.95	--	--	AV	180.00	150	Horizontal	N/A
5	11795.013	48.32	-3.58	74.0	-25.68	Peak	60.00	150	Horizontal	Pass
5**	11795.013	39.17	-3.58	54.0	-14.83	AV	60.00	150	Horizontal	Pass
6	15714.938	51.10	-0.21	74.0	-22.90	Peak	91.00	150	Horizontal	Pass
6**	15714.938	42.30	-0.21	54.0	-11.70	AV	91.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1338.000	42.29	-17.40	74.0	-31.71	Peak	118.00	150	Vertical	Pass
1**	1338.000	34.10	-17.40	54.0	-19.90	AV	118.00	150	Vertical	Pass
2	4151.500	46.60	-6.03	74.0	-27.40	Peak	360.00	150	Vertical	Pass
2**	4151.500	37.77	-6.03	54.0	-16.23	AV	360.00	150	Vertical	Pass
3	5746.250	101.44	-2.87	--	--	Peak	128.00	150	Vertical	N/A
3**	5746.250	94.29	-2.87	--	--	AV	128.00	150	Vertical	N/A
4	7511.500	52.07	0.49	74.0	-21.93	Peak	70.00	150	Vertical	Pass
4**	7511.500	43.94	0.49	54.0	-10.06	AV	70.00	150	Vertical	Pass
5	11792.874	49.06	-3.60	74.0	-24.94	Peak	250.00	150	Vertical	Pass
5**	11792.874	39.97	-3.60	54.0	-14.03	AV	250.00	150	Vertical	Pass
6	15817.838	50.80	-0.73	74.0	-23.20	Peak	78.00	150	Vertical	Pass
6**	15817.838	41.39	-0.73	54.0	-12.61	AV	78.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1319.400	44.68	-17.30	74.0	-29.32	Peak	89.00	150	Horizontal	Pass
1**	1319.400	35.40	-17.30	54.0	-18.60	AV	89.00	150	Horizontal	Pass
2	4994.500	48.36	-3.37	74.0	-25.64	Peak	29.00	150	Horizontal	Pass
2**	4994.500	38.86	-3.37	54.0	-15.14	AV	29.00	150	Horizontal	Pass
3	5787.750	103.63	-3.18	--	--	Peak	192.00	150	Horizontal	N/A
3**	5787.750	95.88	-3.18	--	--	AV	192.00	150	Horizontal	N/A
4	7455.750	52.73	1.15	74.0	-21.27	Peak	12.00	150	Horizontal	Pass
4**	7455.750	43.86	1.15	54.0	-10.14	AV	12.00	150	Horizontal	Pass
5	12042.488	48.76	-3.36	74.0	-25.24	Peak	307.00	150	Horizontal	Pass
5**	12042.488	40.15	-3.36	54.0	-13.85	AV	307.00	150	Horizontal	Pass
6	15700.500	51.47	0.09	74.0	-22.53	Peak	147.00	150	Horizontal	Pass
6**	15700.500	42.74	0.09	54.0	-11.26	AV	147.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1342.100	42.74	-17.52	74.0	-31.26	Peak	115.00	150	Vertical	Pass
1**	1342.100	31.49	-17.52	54.0	-22.51	AV	115.00	150	Vertical	Pass
2	4226.250	46.16	-5.27	74.0	-27.84	Peak	177.00	150	Vertical	Pass
2**	4226.250	37.08	-5.27	54.0	-16.92	AV	177.00	150	Vertical	Pass
--	5781.000	102.47	-2.99	--	--	Peak	128.00	150	Vertical	N/A
--	5781.000	95.22	-2.99	--	--	AV	128.00	150	Vertical	N/A
4	7466.000	52.67	0.83	74.0	-21.33	Peak	137.00	150	Vertical	Pass
4**	7466.000	44.16	0.83	54.0	-9.84	AV	137.00	150	Vertical	Pass
5	11439.237	49.00	-3.95	74.0	-25.00	Peak	318.00	150	Vertical	Pass
5**	11439.237	40.54	-3.95	54.0	-13.46	AV	318.00	150	Vertical	Pass
6	16155.675	52.19	-0.46	74.0	-21.81	Peak	150.00	150	Vertical	Pass
6**	16155.675	42.61	-0.46	54.0	-11.39	AV	150.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.900	45.11	-17.16	74.0	-28.89	Peak	89.00	150	Horizontal	Pass
1**	1328.900	36.28	-17.16	54.0	-17.72	AV	89.00	150	Horizontal	Pass
2	4907.750	48.56	-3.74	74.0	-25.44	Peak	147.00	150	Horizontal	Pass
2**	4907.750	39.19	-3.74	54.0	-14.81	AV	147.00	150	Horizontal	Pass
3	5826.750	103.31	-2.91	--	--	Peak	180.00	150	Horizontal	N/A
3**	5826.750	96.39	-2.91	--	--	AV	180.00	150	Horizontal	N/A
4	7457.250	52.55	1.14	74.0	-21.45	Peak	96.00	150	Horizontal	Pass
4**	7457.250	42.88	1.14	54.0	-11.12	AV	96.00	150	Horizontal	Pass
5	12067.425	48.89	-3.47	74.0	-25.11	Peak	329.00	150	Horizontal	Pass
5**	12067.425	39.03	-3.47	54.0	-14.97	AV	329.00	150	Horizontal	Pass
6	15964.575	51.08	-0.21	74.0	-22.92	Peak	126.00	150	Horizontal	Pass
6**	15964.575	42.93	-0.21	54.0	-11.07	AV	126.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1316.700	42.36	-17.29	74.0	-31.64	Peak	121.00	150	Vertical	Pass
1**	1316.700	34.49	-17.29	54.0	-19.51	AV	121.00	150	Vertical	Pass
2	4686.000	47.72	-4.40	74.0	-26.28	Peak	4.00	150	Vertical	Pass
2**	4686.000	37.98	-4.40	54.0	-16.02	AV	4.00	150	Vertical	Pass
3	5822.500	102.68	-3.09	--	--	Peak	130.00	150	Vertical	N/A
3**	5822.500	95.47	-3.09	--	--	AV	130.00	150	Vertical	N/A
4	7507.250	52.23	0.21	74.0	-21.77	Peak	88.00	150	Vertical	Pass
4**	7507.250	43.25	0.21	54.0	-10.75	AV	88.00	150	Vertical	Pass
5	11209.813	49.74	-4.08	74.0	-24.26	Peak	226.00	150	Vertical	Pass
5**	11209.813	39.50	-4.08	54.0	-14.50	AV	226.00	150	Vertical	Pass
6	15465.825	50.96	-0.36	74.0	-23.04	Peak	8.00	150	Vertical	Pass
6**	15465.825	40.95	-0.36	54.0	-13.05	AV	8.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1172.100	44.38	-18.18	74.0	-29.62	Peak	119.00	150	Horizontal	Pass
1**	1172.100	34.58	-18.18	54.0	-19.42	AV	119.00	150	Horizontal	Pass
2	4021.750	46.54	-6.16	74.0	-27.46	Peak	128.00	150	Horizontal	Pass
2**	4021.750	36.50	-6.16	54.0	-17.50	AV	128.00	150	Horizontal	Pass
3	5743.750	101.06	-2.99	--	--	Peak	195.00	150	Horizontal	N/A
3**	5743.750	94.13	-2.99	--	--	AV	195.00	150	Horizontal	N/A
4	7515.750	52.53	0.90	74.0	-21.47	Peak	227.00	150	Horizontal	Pass
4**	7515.750	43.36	0.90	54.0	-10.64	AV	227.00	150	Horizontal	Pass
5	11161.838	49.04	-4.33	74.0	-24.96	Peak	0.00	150	Horizontal	Pass
5**	11161.838	38.91	-4.33	54.0	-15.09	AV	0.00	150	Horizontal	Pass
6	15946.200	51.00	-0.31	74.0	-23.00	Peak	191.00	150	Horizontal	Pass
6**	15946.200	41.63	-0.31	54.0	-12.37	AV	191.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1320.000	42.50	-17.29	74.0	-31.50	Peak	109.00	150	Vertical	Pass
1**	1320.000	34.25	-17.29	54.0	-19.75	AV	109.00	150	Vertical	Pass
2	4161.000	46.43	-6.10	74.0	-27.57	Peak	294.00	150	Vertical	Pass
2**	4161.000	36.85	-6.10	54.0	-17.15	AV	294.00	150	Vertical	Pass
3	5743.500	100.27	-3.01	--	-27.73	Peak	128.00	150	Vertical	N/A
3**	5743.500	92.36	-3.01	--	92.36	AV	128.00	150	Vertical	N/A
4	7508.500	52.50	0.41	74.0	-21.50	Peak	54.00	150	Vertical	Pass
4**	7508.500	43.64	0.41	54.0	-10.36	AV	54.00	150	Vertical	Pass
5	11299.350	49.28	-4.01	74.0	-24.72	Peak	88.00	150	Vertical	Pass
5**	11299.350	39.57	-4.01	54.0	-14.43	AV	88.00	150	Vertical	Pass
6	15523.049	51.66	-0.70	74.0	-22.34	Peak	159.00	150	Vertical	Pass
6**	15523.049	40.69	-0.70	54.0	-13.31	AV	159.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1340.600	44.41	-17.49	74.0	-29.59	Peak	94.00	150	Horizontal	Pass
1**	1340.600	34.64	-17.49	54.0	-19.36	AV	94.00	150	Horizontal	Pass
2	4280.250	46.93	-4.71	74.0	-27.07	Peak	63.00	150	Horizontal	Pass
2**	4280.250	37.44	-4.71	54.0	-16.56	AV	63.00	150	Horizontal	Pass
3	5788.000	101.41	-3.20	--	--	Peak	194.00	150	Horizontal	N/A
3**	5788.000	93.47	-3.20	--	--	AV	194.00	150	Horizontal	N/A
4	7457.500	52.57	1.14	74.0	-21.43	Peak	324.00	150	Horizontal	Pass
4**	7457.500	43.32	1.14	54.0	-10.68	AV	324.00	150	Horizontal	Pass
5	12647.638	49.33	-2.31	74.0	-24.67	Peak	238.00	150	Horizontal	Pass
5**	12647.638	39.63	-2.31	54.0	-14.37	AV	238.00	150	Horizontal	Pass
6	16018.650	51.29	-0.13	74.0	-22.71	Peak	316.00	150	Horizontal	Pass
6**	16018.650	41.13	-0.13	54.0	-12.87	AV	316.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1315.100	42.94	-17.28	74.0	-31.06	Peak	107.00	150	Vertical	Pass
1**	1315.100	33.14	-17.28	54.0	-20.86	AV	107.00	150	Vertical	Pass
2	4097.250	45.75	-5.95	74.0	-28.25	Peak	126.00	150	Vertical	Pass
2**	4097.250	35.64	-5.95	54.0	-18.36	AV	126.00	150	Vertical	Pass
3	5780.750	100.71	-2.95	--	--	Peak	126.00	150	Vertical	N/A
3**	5780.750	92.59	-2.95	--	--	AV	126.00	150	Vertical	N/A
4	7452.500	52.52	0.95	74.0	-21.48	Peak	135.00	150	Vertical	Pass
4**	7452.500	43.32	0.95	54.0	-10.68	AV	135.00	150	Vertical	Pass
5	12451.700	49.54	-2.16	74.0	-24.46	Peak	181.00	150	Vertical	Pass
5**	12451.700	40.23	-2.16	54.0	-13.77	AV	181.00	150	Vertical	Pass
6	16159.088	51.92	-0.46	74.0	-22.08	Peak	191.00	150	Vertical	Pass
6**	16159.088	42.77	-0.46	54.0	-11.23	AV	191.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.200	44.69	-17.20	74.0	-29.31	Peak	86.00	150	Horizontal	Pass
1**	1329.200	34.83	-17.20	54.0	-19.17	AV	86.00	150	Horizontal	Pass
2	3842.750	46.16	-6.40	74.0	-27.84	Peak	242.00	150	Horizontal	Pass
2**	3842.750	35.84	-6.40	54.0	-18.16	AV	242.00	150	Horizontal	Pass
3	5826.250	101.39	-2.97	--	--	Peak	210.00	150	Horizontal	N/A
3**	5826.250	92.77	-2.97	--	--	AV	210.00	150	Horizontal	N/A
4	7454.500	52.46	1.17	74.0	-21.54	Peak	350.00	150	Horizontal	Pass
4**	7454.500	43.56	1.17	54.0	-10.44	AV	350.00	150	Horizontal	Pass
5	11554.900	49.53	-4.36	74.0	-24.47	Peak	353.00	150	Horizontal	Pass
5**	11554.900	39.89	-4.36	54	-14.11	AV	353.00	150	Horizontal	Pass
6	16018.912	51.31	-0.13	74.0	-22.69	Peak	25.00	150	Horizontal	Pass
6**	16018.912	41.83	-0.13	54.0	-12.17	AV	25.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1318.800	42.37	-17.29	74.0	-31.63	Peak	121.00	150	Vertical	Pass
1**	1318.800	34.20	-17.29	54.0	-19.80	AV	121.00	150	Vertical	Pass
2	4241.000	46.49	-5.23	74.0	-27.51	Peak	93.00	150	Vertical	Pass
2**	4241.000	37.56	-5.23	54.0	-16.44	AV	93.00	150	Vertical	Pass
3	5827.250	100.96	-2.96	--	--	Peak	127.00	150	Vertical	N/A
3**	5827.250	93.11	-2.96	--	--	AV	127.00	150	Vertical	N/A
4	7478.750	52.23	0.11	74.0	-21.77	Peak	21.00	150	Vertical	Pass
4**	7478.750	42.42	0.11	54.0	-11.58	AV	21.00	150	Vertical	Pass
5	11419.763	48.91	-4.08	74.0	-25.09	Peak	307.00	150	Vertical	Pass
5**	11419.763	38.78	-4.08	54.0	-15.22	AV	307.00	150	Vertical	Pass
6	15711.787	51.85	-0.14	74.0	-22.15	Peak	175.00	150	Vertical	Pass
6**	15711.787	41.92	-0.14	54.0	-12.08	AV	175.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1171.900	43.90	-18.17	74.0	-30.10	Peak	138.00	150	Horizontal	Pass
1**	1171.900	35.60	-18.17	54.0	-18.40	AV	138.00	150	Horizontal	Pass
2	4239.250	46.56	-5.28	74.0	-27.44	Peak	321.00	150	Horizontal	Pass
2**	4239.250	36.82	-5.28	54.0	-17.18	AV	321.00	150	Horizontal	Pass
3	5761.500	97.00	-2.32	--	--	Peak	205.00	150	Horizontal	N/A
3**	5761.500	89.58	-2.32	--	--	AV	205.00	150	Horizontal	N/A
4	7450.750	52.56	0.74	74.0	-21.44	Peak	137.00	150	Horizontal	Pass
4**	7450.750	43.23	0.74	54.0	-10.77	AV	137.00	150	Horizontal	Pass
5	11554.662	49.37	-4.36	74.0	-24.63	Peak	192.00	150	Horizontal	Pass
5**	11554.662	39.40	-4.36	54.0	-14.60	AV	192.00	150	Horizontal	Pass
6	16111.050	51.79	-0.87	74.0	-22.21	Peak	314.00	150	Horizontal	Pass
6**	16111.050	42.21	-0.87	54.0	-11.79	AV	314.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1320.900	42.55	-17.29	74.0	-31.45	Peak	119.00	150	Vertical	Pass
1**	1320.900	34.14	-17.29	54.0	-19.86	AV	119.00	150	Vertical	Pass
2	4183.250	46.70	-4.93	74.0	-27.30	Peak	333.00	150	Vertical	Pass
2**	4183.250	37.27	-4.93	54.0	-16.73	AV	333.00	150	Vertical	Pass
3	5764.250	96.69	-2.36	--	--	Peak	127.00	150	Vertical	N/A
3**	5764.250	89.61	-2.36	--	--	AV	127.00	150	Vertical	N/A
4	7457.000	52.92	1.14	74.0	-21.08	Peak	160.00	150	Vertical	Pass
4**	7457.000	44.50	1.14	54.0	-9.50	AV	160.00	150	Vertical	Pass
5	10945.713	49.11	-4.88	74.0	-24.89	Peak	3.00	150	Vertical	Pass
5**	10945.713	38.53	-4.88	54.0	-15.47	AV	3.00	150	Vertical	Pass
6	15716.513	51.72	-0.24	74.0	-22.28	Peak	217.00	150	Vertical	Pass
6**	15716.513	42.33	-0.24	54.0	-11.67	AV	217.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1320.300	43.94	-17.29	74.0	-30.06	Peak	85.00	150	Horizontal	Pass
1**	1320.300	36.05	-17.29	54.0	-17.95	AV	85.00	150	Horizontal	Pass
2	4251.500	47.36	-5.05	74.0	-26.64	Peak	307.00	150	Horizontal	Pass
2**	4251.500	38.04	-5.05	54.0	-15.96	AV	307.00	150	Horizontal	Pass
3	5804.500	98.73	-3.06	--	--	Peak	200.00	150	Horizontal	N/A
3**	5804.500	89.69	-3.06	--	--	AV	200.00	150	Horizontal	N/A
4	7467.500	52.29	0.88	74.0	-21.71	Peak	175.00	150	Horizontal	Pass
4**	7467.500	43.52	0.88	54.0	-10.48	AV	175.00	150	Horizontal	Pass
5	12044.862	49.48	-3.35	74.0	-24.52	Peak	272.00	150	Horizontal	Pass
5**	12044.862	40.40	-3.35	54.0	-13.60	AV	272.00	150	Horizontal	Pass
6	16036.237	51.46	-0.11	74.0	-22.54	Peak	94.00	150	Horizontal	Pass
6**	16036.237	42.91	-0.11	54.0	-11.09	AV	94.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1325.700	42.91	-17.39	74.0	-31.09	Peak	121.00	150	Vertical	Pass
1**	1325.700	33.78	-17.39	54.0	-20.22	AV	121.00	150	Vertical	Pass
2	4553.500	48.16	-4.31	74.0	-25.84	Peak	0.00	150	Vertical	Pass
2**	4553.500	38.52	-4.31	54.0	-15.48	AV	0.00	150	Vertical	Pass
3	5786.500	96.18	-3.10	--	--	Peak	128.00	150	Vertical	N/A
3**	5786.500	88.74	-3.10	--	--	AV	128.00	150	Vertical	N/A
4	7450.000	52.61	0.65	74.0	-21.39	Peak	46.00	150	Vertical	Pass
4**	7450.000	43.06	0.65	54.0	-10.94	AV	46.00	150	Vertical	Pass
5	11314.312	49.72	-4.14	74.0	-24.28	Peak	260.00	150	Vertical	Pass
5**	11314.312	40.54	-4.14	54.0	-13.46	AV	260.00	150	Vertical	Pass
6	16134.938	52.47	-0.62	74.0	-21.53	Peak	78.00	150	Vertical	Pass
6**	16134.938	42.23	-0.62	54.0	-11.77	AV	78.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1318.400	45.66	-17.29	74.0	-28.34	Peak	82.00	150	Horizontal	Pass
1**	1318.400	37.28	-17.29	54.0	-16.72	AV	82.00	150	Horizontal	Pass
2	4247.500	46.62	-5.25	74.0	-27.38	Peak	152.00	150	Horizontal	Pass
2**	4247.500	37.21	-5.25	54.0	-16.79	AV	152.00	150	Horizontal	Pass
3	5748.750	99.91	-2.99	--	--	Peak	193.00	150	Horizontal	N/A
3**	5748.750	92.52	-2.99	--	--	AV	193.00	150	Horizontal	N/A
4	7433.750	52.58	0.42	74.0	-21.42	Peak	274.00	150	Horizontal	Pass
4**	7433.750	41.98	0.42	54.0	-12.02	AV	274.00	150	Horizontal	Pass
5	10934.787	48.77	-4.89	74.0	-25.23	Peak	272.00	150	Horizontal	Pass
5**	10934.787	39.19	-4.89	54.0	-14.81	AV	272.00	150	Horizontal	Pass
6	15954.600	51.43	-0.22	74.0	-22.57	Peak	290.00	150	Horizontal	Pass
6**	15954.600	43.36	-0.22	54.0	-10.64	AV	290.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1325.400	42.79	-17.38	74.0	-31.21	Peak	124.00	150	Vertical	Pass
1**	1325.400	32.27	-17.38	54.0	-21.73	AV	124.00	150	Vertical	Pass
2	4978.500	48.49	-4.06	74.0	-25.51	Peak	153.00	150	Vertical	Pass
2**	4978.500	38.91	-4.06	54.0	-15.09	AV	153.00	150	Vertical	Pass
3	5746.250	98.15	-2.87	--	--	Peak	178.00	150	Vertical	N/A
3**	5746.250	91.34	-2.87	--	--	AV	178.00	150	Vertical	N/A
4	7506.500	52.38	0.05	74.0	-21.62	Peak	130.00	150	Vertical	Pass
4**	7506.500	43.70	0.05	54.0	-10.30	AV	130.00	150	Vertical	Pass
5	12445.763	49.69	-2.22	74.0	-24.31	Peak	0.00	150	Vertical	Pass
5**	12445.763	39.85	-2.22	54.0	-14.15	AV	0.00	150	Vertical	Pass
6	15707.588	50.62	-0.06	74.0	-23.38	Peak	334.00	150	Vertical	Pass
6**	15707.588	41.89	-0.06	54.0	-12.11	AV	334.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1349.700	45.27	-17.54	74.0	-28.73	Peak	89.00	150	Horizontal	Pass
1**	1349.700	32.99	-17.54	54.0	-21.01	AV	89.00	150	Horizontal	Pass
2	4269.000	46.74	-4.79	74.0	-27.26	Peak	64.00	150	Horizontal	Pass
2**	4269.000	37.48	-4.79	54.0	-16.52	AV	64.00	150	Horizontal	Pass
3	5786.000	100.25	-3.11	--	--	Peak	195.00	150	Horizontal	N/A
3**	5786.000	92.46	-3.11	--	--	AV	195.00	150	Horizontal	N/A
4	7464.000	52.40	0.94	74.0	-21.60	Peak	294.00	150	Horizontal	Pass
4**	7464.000	43.28	0.94	54.0	-10.72	AV	294.00	150	Horizontal	Pass
5	11454.913	49.00	-3.91	74.0	-25.00	Peak	285.00	150	Horizontal	Pass
5**	11454.913	39.44	-3.91	54.0	-14.56	AV	285.00	150	Horizontal	Pass
6	15692.100	51.27	-0.12	74.0	-22.73	Peak	274.00	150	Horizontal	Pass
6**	15692.100	41.18	-0.12	54.0	-12.82	AV	274.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1318.700	42.17	-17.29	74.0	-31.83	Peak	122.00	150	Vertical	Pass
1**	1318.700	33.41	-17.29	54.0	-20.59	AV	122.00	150	Vertical	Pass
2	4279.750	46.52	-4.65	74.0	-27.48	Peak	63.00	150	Vertical	Pass
2**	4279.750	37.66	-4.65	54.0	-16.34	AV	63.00	150	Vertical	Pass
3	5783.250	100.04	-3.18	--	-29.96	Peak	130.00	150	Vertical	N/A
3**	5783.250	92.59	-3.18	--	92.59	AV	130.00	150	Vertical	N/A
4	7470.750	52.70	0.71	74.0	-21.30	Peak	88.00	150	Vertical	Pass
4**	7470.750	43.29	0.71	54.0	-10.71	AV	88.00	150	Vertical	Pass
5	11452.063	49.08	-3.89	74.0	-24.92	Peak	5.00	150	Vertical	Pass
5**	11452.063	39.10	-3.89	54.0	-14.90	AV	5.00	150	Vertical	Pass
6	15695.776	51.81	-0.02	74.0	-22.19	Peak	274.00	150	Vertical	Pass
6**	15695.776	41.79	-0.02	54.0	-12.21	AV	274.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.800	44.45	-17.39	74.0	-29.55	Peak	89.00	150	Horizontal	Pass
1**	1334.800	34.74	-17.39	54.0	-19.26	AV	89.00	150	Horizontal	Pass
2	4261.000	46.42	-4.46	74.0	-27.58	Peak	314.00	150	Horizontal	Pass
2**	4261.000	37.46	-4.46	54.0	-16.54	AV	314.00	150	Horizontal	Pass
3	5827.750	100.29	-3.02	--	--	Peak	199.00	150	Horizontal	N/A
3**	5827.750	91.90	-3.02	--	--	AV	199.00	150	Horizontal	N/A
4	7694.750	52.16	1.73	74.0	-21.84	Peak	4.00	150	Horizontal	Pass
4**	7694.750	43.31	1.73	54.0	-10.69	AV	4.00	150	Horizontal	Pass
5	11076.100	48.94	-4.79	74.0	-25.06	Peak	181.00	150	Horizontal	Pass
5**	11076.100	38.98	-4.79	54.0	-15.02	AV	181.00	150	Horizontal	Pass
6	15759.563	50.57	-0.90	74.0	-23.43	Peak	1.00	150	Horizontal	Pass
6**	15759.563	40.93	-0.90	54.0	-13.07	AV	1.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.200	41.90	-17.20	74.0	-32.10	Peak	119.00	150	Vertical	Pass
1**	1329.200	32.03	-17.20	54.0	-21.97	AV	119.00	150	Vertical	Pass
2	5091.000	49.46	-3.03	74.0	-24.54	Peak	54.00	150	Vertical	Pass
2**	5091.000	40.54	-3.03	54.0	-13.46	AV	54.00	150	Vertical	Pass
3	5829.250	99.88	-3.13	--	--	Peak	128.00	150	Vertical	N/A
3**	5829.250	92.30	-3.13	--	--	AV	128.00	150	Vertical	N/A
4	7455.500	52.93	1.16	74.0	-21.07	Peak	323.00	150	Vertical	Pass
4**	7455.500	43.91	1.16	54.0	-10.09	AV	323.00	150	Vertical	Pass
5	11793.350	48.80	-3.59	74.0	-25.20	Peak	226.00	150	Vertical	Pass
5**	11793.350	39.33	-3.59	54.0	-14.67	AV	226.00	150	Vertical	Pass
6	16049.362	52.09	-0.10	74.0	-21.91	Peak	177.00	150	Vertical	Pass
6**	16049.362	43.45	-0.10	54.0	-10.55	AV	177.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1184.400	44.24	-18.01	74.0	-29.76	Peak	129.00	150	Horizontal	Pass
1**	1184.400	35.75	-18.01	54.0	-18.25	AV	129.00	150	Horizontal	Pass
2	4636.750	48.07	-4.15	74.0	-25.93	Peak	163.00	150	Horizontal	Pass
2**	4636.750	38.25	-4.15	54.0	-15.75	AV	163.00	150	Horizontal	Pass
3	5766.250	97.40	-2.26	--	--	Peak	187.00	150	Horizontal	N/A
3**	5766.250	89.93	-2.26	--	--	AV	187.00	150	Horizontal	N/A
4	7552.750	52.07	-0.35	74.0	-21.93	Peak	96.00	150	Horizontal	Pass
4**	7552.750	42.39	-0.35	54.0	-11.61	AV	96.00	150	Horizontal	Pass
5	12033.937	49.30	-3.41	74.0	-24.70	Peak	13.00	150	Horizontal	Pass
5**	12033.937	40.83	-3.41	54.0	-13.17	AV	13.00	150	Horizontal	Pass
6	16058.287	51.59	-0.25	74.0	-22.41	Peak	191.00	150	Horizontal	Pass
6**	16058.287	41.24	-0.25	54.0	-12.76	AV	191.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1302.500	42.65	-17.34	74.0	-31.35	Peak	114.00	150	Vertical	Pass
1**	1302.500	32.00	-17.34	54.0	-22.00	AV	114.00	150	Vertical	Pass
2	4088.500	46.07	-5.73	74.0	-27.93	Peak	38.00	150	Vertical	Pass
2**	4088.500	36.48	-5.73	54.0	-17.52	AV	38.00	150	Vertical	Pass
3	5760.250	96.81	-2.35	--	--	Peak	127.00	150	Vertical	N/A
3**	5760.250	88.56	-2.35	--	--	AV	127.00	150	Vertical	N/A
4	7496.750	52.83	-0.36	74.0	-21.17	Peak	192.00	150	Vertical	Pass
4**	7496.750	43.30	-0.36	54.0	-10.70	AV	192.00	150	Vertical	Pass
5	11441.375	49.07	-3.93	74.0	-24.93	Peak	0.00	150	Vertical	Pass
5**	11441.375	39.78	-3.93	54.0	-14.22	AV	0.00	150	Vertical	Pass
6	15775.050	50.62	-0.83	74.0	-23.38	Peak	22.00	150	Vertical	Pass
6**	15775.050	41.00	-0.83	54.0	-13.00	AV	22.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.300	44.26	-17.92	74.0	-29.74	Peak	133.00	150	Horizontal	Pass
1**	1197.300	35.50	-17.92	54.0	-18.50	AV	133.00	150	Horizontal	Pass
2	4138.000	46.18	-5.68	74.0	-27.82	Peak	103.00	150	Horizontal	Pass
2**	4138.000	37.13	-5.68	54.0	-16.87	AV	103.00	150	Horizontal	Pass
3	5801.750	97.98	-3.21	--	--	Peak	194.00	150	Horizontal	N/A
3**	5801.750	89.71	-3.21	--	--	AV	194.00	150	Horizontal	N/A
4	7514.750	52.14	0.81	74.0	-21.86	Peak	225.00	150	Horizontal	Pass
4**	7514.750	43.44	0.81	54.0	-10.56	AV	225.00	150	Horizontal	Pass
5	12440.063	49.56	-2.30	74.0	-24.44	Peak	59.00	150	Horizontal	Pass
5**	12440.063	40.50	-2.30	54.0	-13.50	AV	59.00	150	Horizontal	Pass
6	15697.875	50.93	0.04	74.0	-23.07	Peak	20.00	150	Horizontal	Pass
6**	15697.875	41.89	0.04	54.0	-12.11	AV	20.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1309.300	43.97	-17.64	74.0	-30.03	Peak	122.00	150	Vertical	Pass
1**	1309.300	33.43	-17.64	54.0	-20.57	AV	122.00	150	Vertical	Pass
2	4900.500	49.04	-3.50	74.0	-24.96	Peak	0.00	150	Vertical	Pass
2**	4900.500	39.98	-3.50	54.0	-14.02	AV	0.00	150	Vertical	Pass
3	5782.750	97.06	-3.17	--	--	Peak	130.00	150	Vertical	N/A
3**	5782.750	89.13	-3.17	--	--	AV	130.00	150	Vertical	N/A
4	7466.250	52.45	0.84	74.0	-21.55	Peak	271.00	150	Vertical	Pass
4**	7466.250	43.74	0.84	54.0	-10.26	AV	271.00	150	Vertical	Pass
5	12301.600	50.35	-2.45	74.0	-23.65	Peak	355.00	150	Vertical	Pass
5**	12301.600	40.68	-2.45	54.0	-13.32	AV	355.00	150	Vertical	Pass
6	16163.550	51.93	-0.46	74.0	-22.07	Peak	134.00	150	Vertical	Pass
6**	16163.550	42.71	-0.46	54.0	-11.29	AV	134.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1185.600	43.72	-18.15	74.0	-30.28	Peak	126.00	150	Horizontal	Pass
1**	1185.600	34.32	-18.15	54.0	-19.68	AV	126.00	150	Horizontal	Pass
2	4303.750	46.82	-4.28	74.0	-27.18	Peak	63.00	150	Horizontal	Pass
2**	4303.750	37.30	-4.28	54.0	-16.70	AV	63.00	150	Horizontal	Pass
3	5778.250	95.00	-2.67	--	--	Peak	185.00	150	Horizontal	N/A
3**	5778.250	87.31	-2.67	--	--	AV	185.00	150	Horizontal	N/A
4	7458.750	52.32	1.15	74.0	-21.68	Peak	136.00	150	Horizontal	Pass
4**	7458.750	43.47	1.15	54.0	-10.53	AV	136.00	150	Horizontal	Pass
5	11794.775	49.29	-3.58	74.0	-24.71	Peak	305.00	150	Horizontal	Pass
5**	11794.775	39.76	-3.58	54.0	-14.24	AV	305.00	150	Horizontal	Pass
6	15709.425	51.72	-0.09	74.0	-22.28	Peak	288.00	150	Horizontal	Pass
6**	15709.425	42.34	-0.09	54.0	-11.66	AV	288.00	150	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1316.300	42.39	-17.28	74.0	-31.61	Peak	122.00	150	Vertical	Pass
1**	1316.300	34.50	-17.28	54.0	-19.50	AV	122.00	150	Vertical	Pass
2	4135.250	46.12	-5.51	74.0	-27.88	Peak	21.00	150	Vertical	Pass
2**	4135.250	36.94	-5.51	54.0	-17.06	AV	21.00	150	Vertical	Pass
3	5795.250	93.72	-3.36	--	--	Peak	130.00	150	Vertical	N/A
3**	5795.250	85.01	-3.36	--	--	AV	130.00	150	Vertical	N/A
4	7457.250	52.32	1.14	74.0	-21.68	Peak	179.00	150	Vertical	Pass
4**	7457.250	43.52	1.14	54.0	-10.48	AV	179.00	150	Vertical	Pass
5	11784.325	49.74	-3.67	74.0	-24.26	Peak	89.00	150	Vertical	Pass
5**	11784.325	40.17	-3.67	54.0	-13.83	AV	89.00	150	Vertical	Pass
6	15713.625	50.65	-0.18	74.0	-23.35	Peak	64.00	150	Vertical	Pass
6**	15713.625	41.98	-0.18	54.0	-12.02	AV	64.00	150	Vertical	Pass

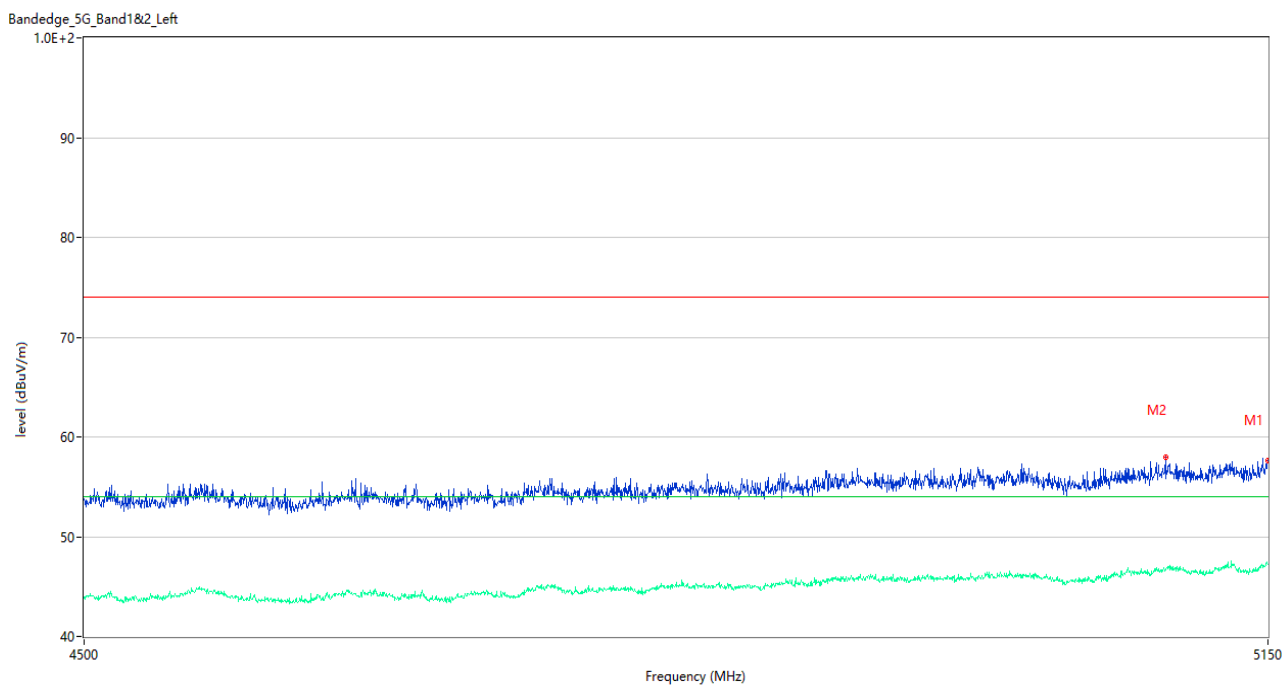
A.6.2 Band Edge (Restricted-band)

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

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

Test Data and Plots

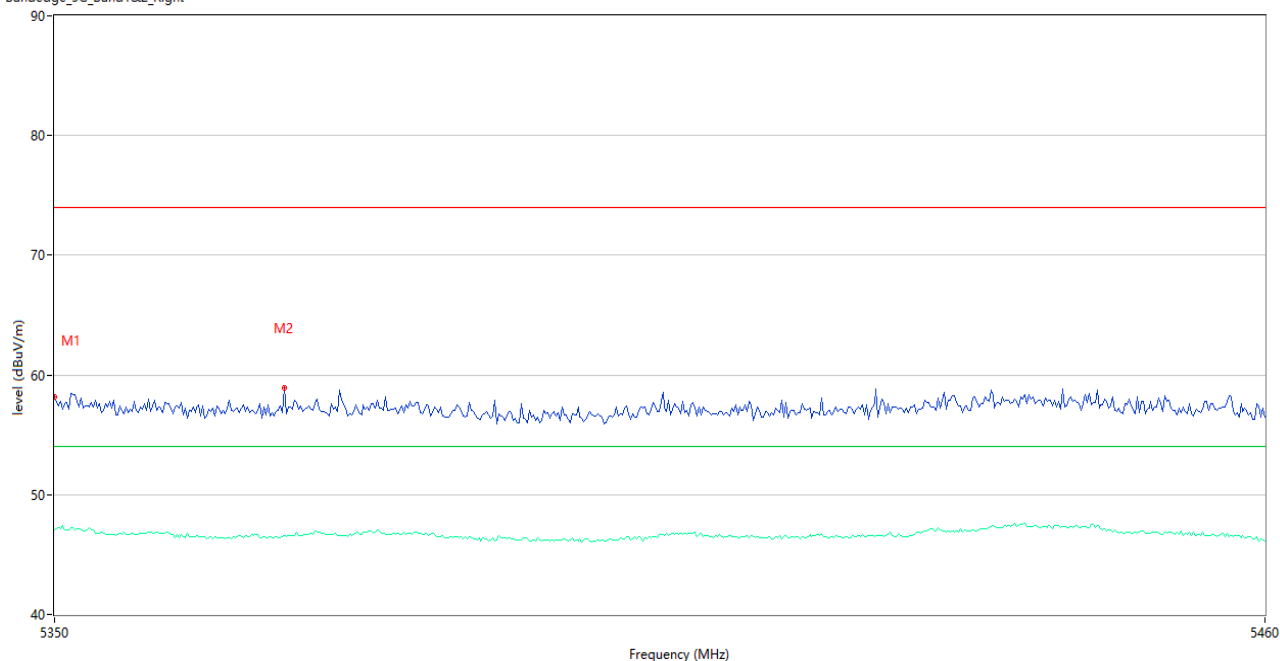
U-NII-1 11a CH36



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.66	3.94	74.0	-16.34	Peak	330.00	150	Horizontal	Pass
1**	5150.000	47.21	3.94	54.0	-6.79	AV	330.00	150	Horizontal	Pass
2	5090.200	58.01	4.09	74.0	-15.99	Peak	230.00	150	Horizontal	Pass
2**	5090.200	46.63	4.09	54.0	-7.37	AV	230.00	150	Horizontal	Pass

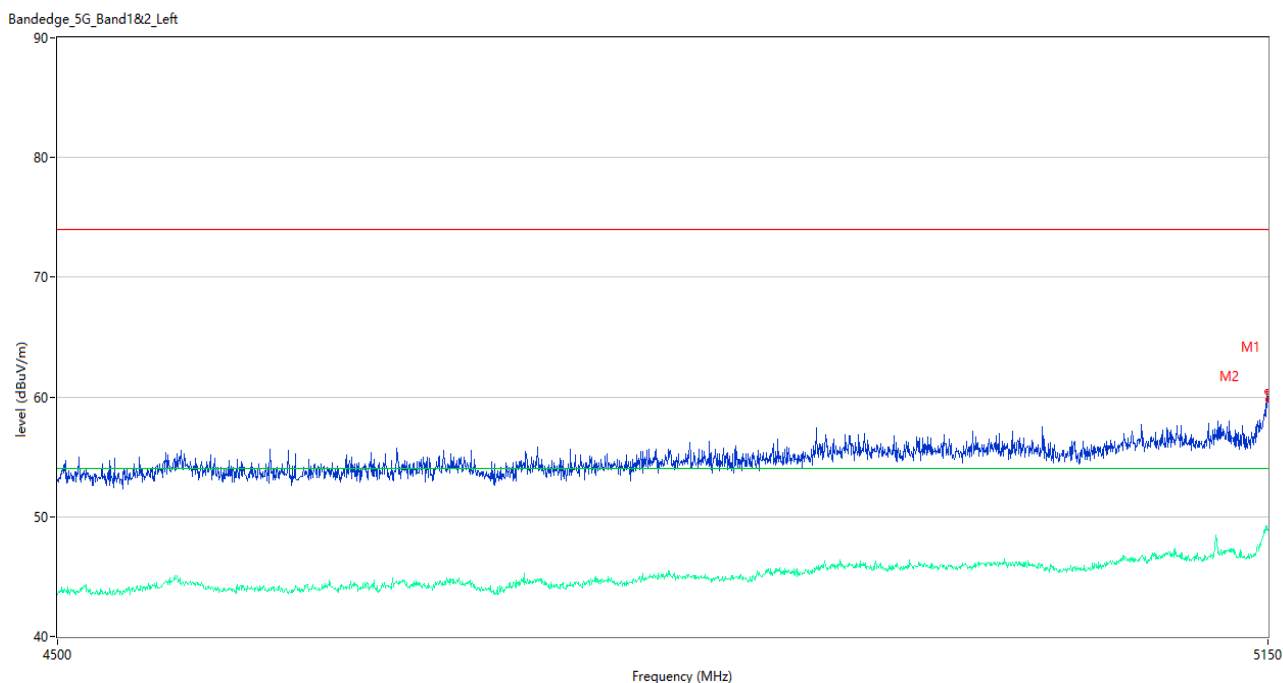
U-NII-1 11a CH48

Bandedge_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.21	3.96	74.0	-15.79	Peak	343.00	150	Horizontal	Pass
1**	5350.000	47.09	3.96	54.0	-6.91	AV	343.00	150	Horizontal	Pass
2	5370.717	58.92	3.73	74.0	-15.08	Peak	117.00	150	Horizontal	Pass
2**	5370.717	46.59	3.73	54.0	-7.41	AV	117.00	150	Horizontal	Pass

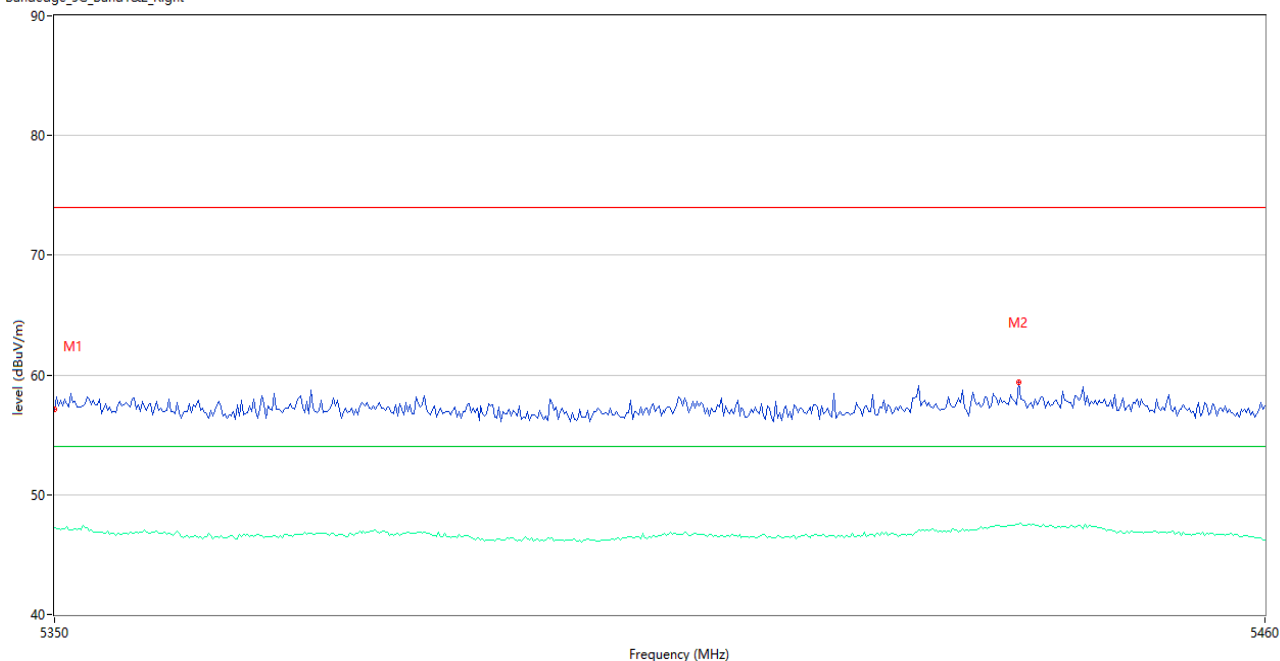
U-NII-1 11n20 CH36



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	59.76	3.94	74.0	-14.24	Peak	178.00	150	Horizontal	Pass
1**	5150.000	48.88	3.94	54.0	-5.12	AV	178.00	150	Horizontal	Pass
2	5149.675	60.47	3.94	74.0	-13.53	Peak	199.00	150	Horizontal	Pass
2**	5149.675	49.23	3.94	54.0	-4.77	AV	199.00	150	Horizontal	Pass

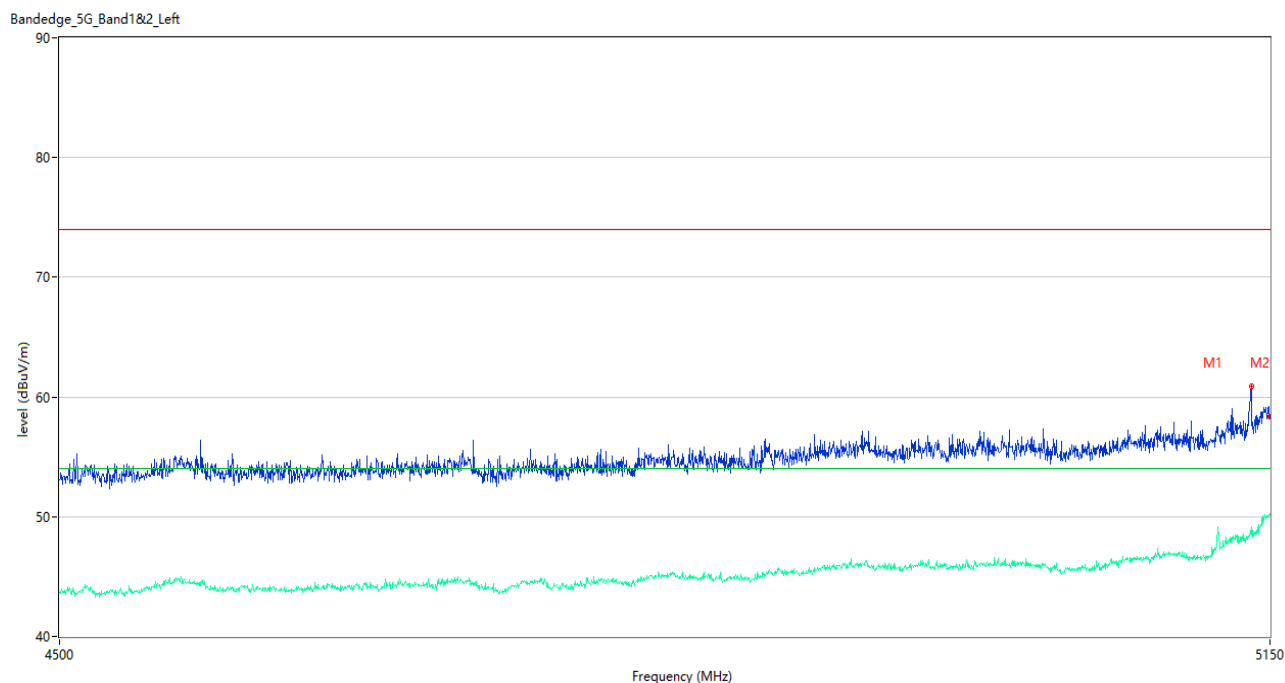
U-NII-1 11n20 CH48

Bandedge_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.12	3.96	74.0	-16.88	Peak	183.00	150	Horizontal	Pass
1**	5350.000	47.27	3.96	54.0	-6.73	AV	183.00	150	Horizontal	Pass
2	5437.450	59.37	5.10	74.0	-14.63	Peak	104.00	150	Horizontal	Pass
2**	5437.450	47.51	5.10	54.0	-6.49	AV	104.00	150	Horizontal	Pass

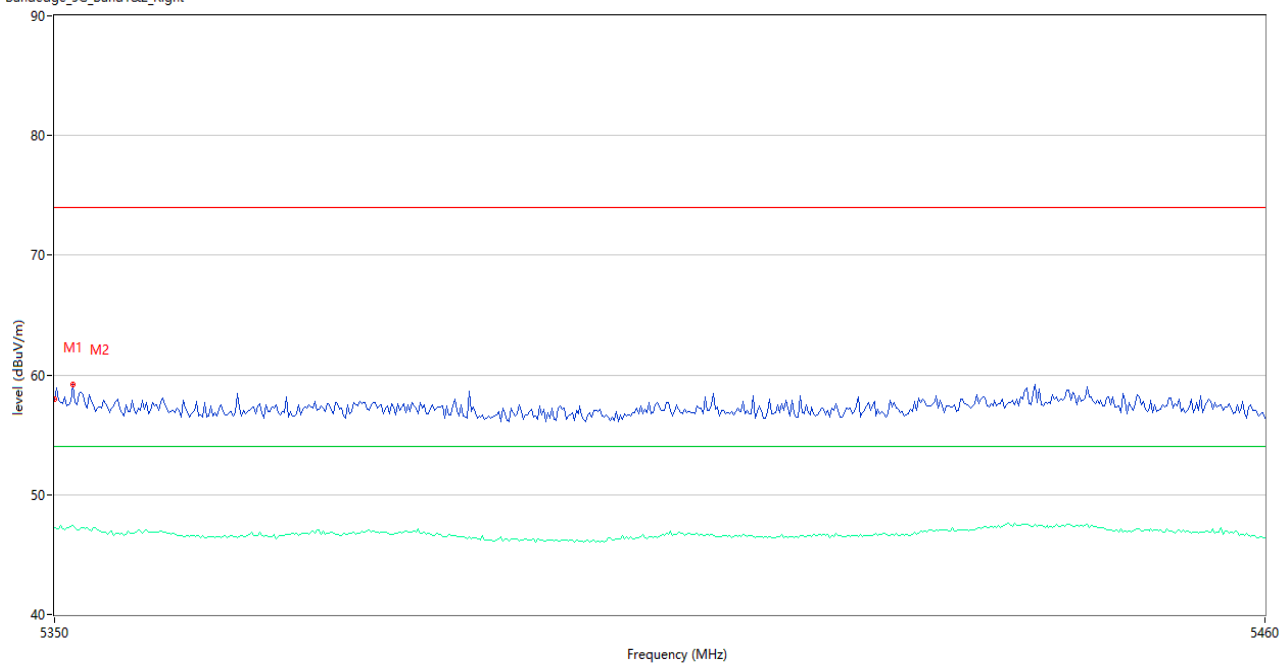
U-NII-1 11n40 CH38



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5139.275	60.93	3.49	74.0	-13.07	Peak	206.00	150	Horizontal	Pass
1**	5139.275	49.09	3.49	54.0	-4.91	AV	206.00	150	Horizontal	Pass
2	5150.000	58.36	3.94	74.0	-15.64	Peak	207.00	150	Horizontal	Pass
2**	5150.000	50.27	3.94	54.0	-3.73	AV	207.00	150	Horizontal	Pass

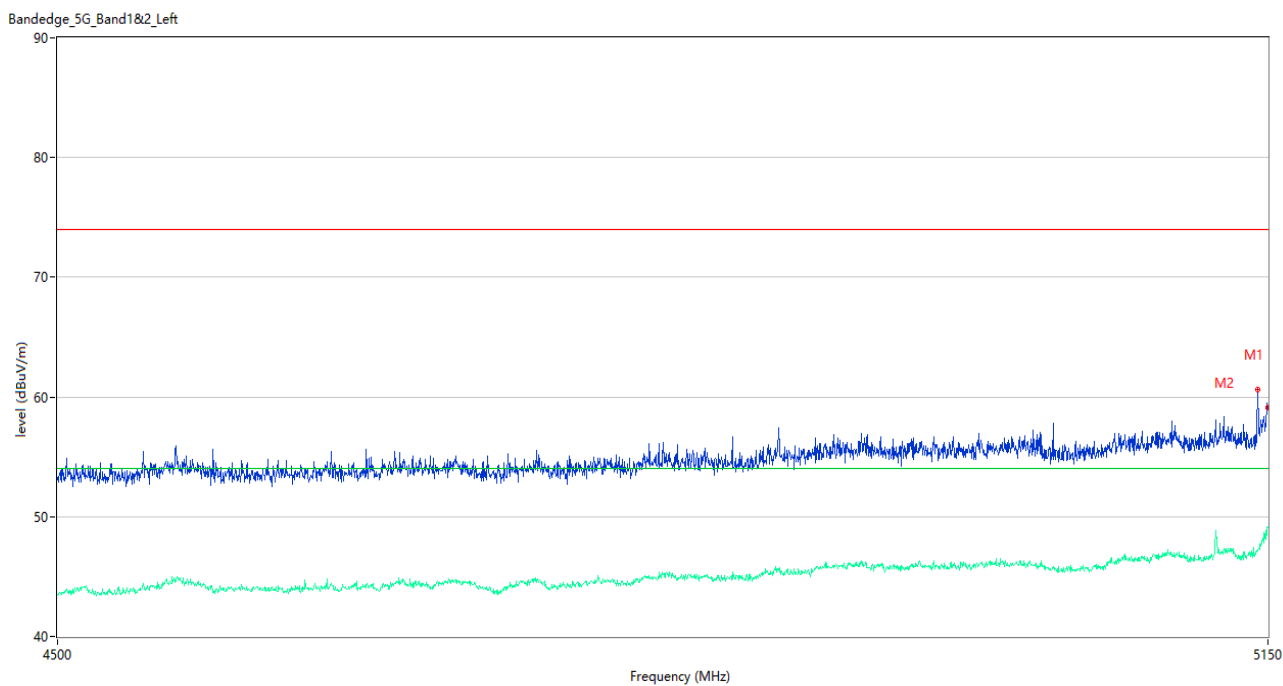
U-NII-1 11n40 CH46

Bandedge_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.98	3.96	74.0	-16.02	Peak	151.00	150	Horizontal	Pass
1**	5350.000	47.23	3.96	54.0	-6.77	AV	151.00	150	Horizontal	Pass
2	5351.650	59.17	3.94	74.0	-14.83	Peak	264.00	150	Horizontal	Pass
2**	5351.650	47.42	3.94	54.0	-6.58	AV	264.00	150	Horizontal	Pass

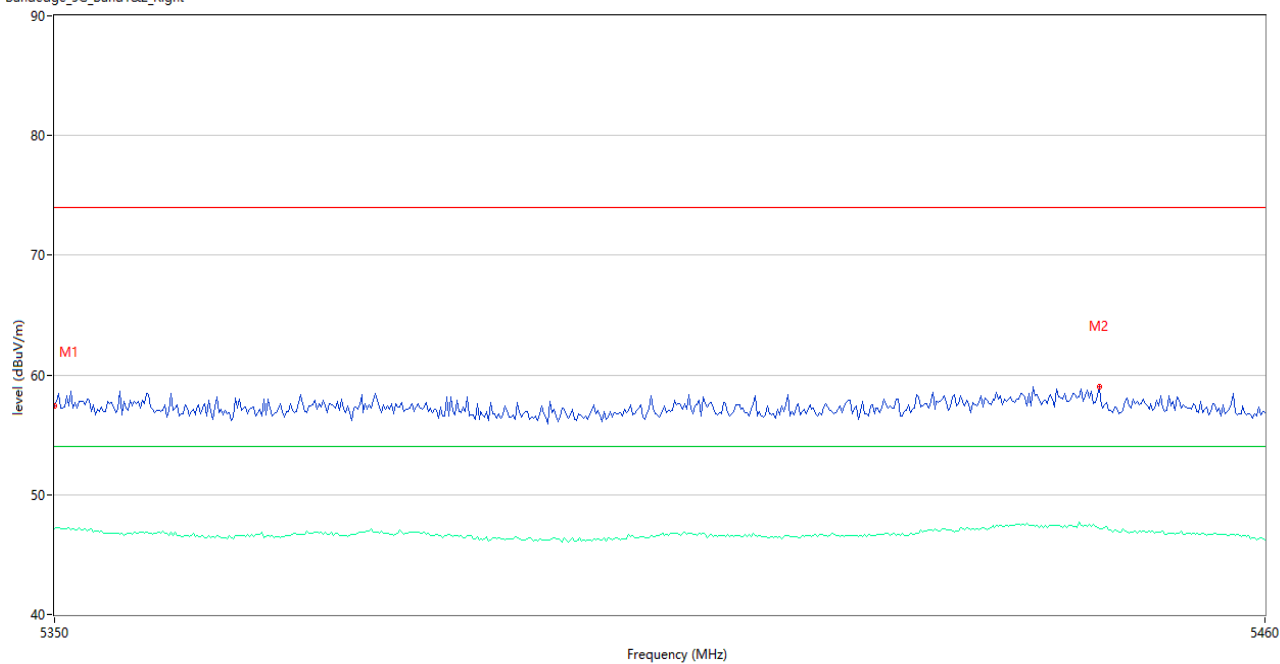
U-NII-1 11ac20 CH36



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	59.11	3.94	74.0	-14.89	Peak	211.00	150	Horizontal	Pass
1**	5150.000	49.11	3.94	54.0	-4.89	AV	211.00	150	Horizontal	Pass
2	5144.150	60.63	3.66	74.0	-13.37	Peak	196.00	150	Horizontal	Pass
2**	5144.150	47.20	3.66	54.0	-6.80	AV	196.00	150	Horizontal	Pass

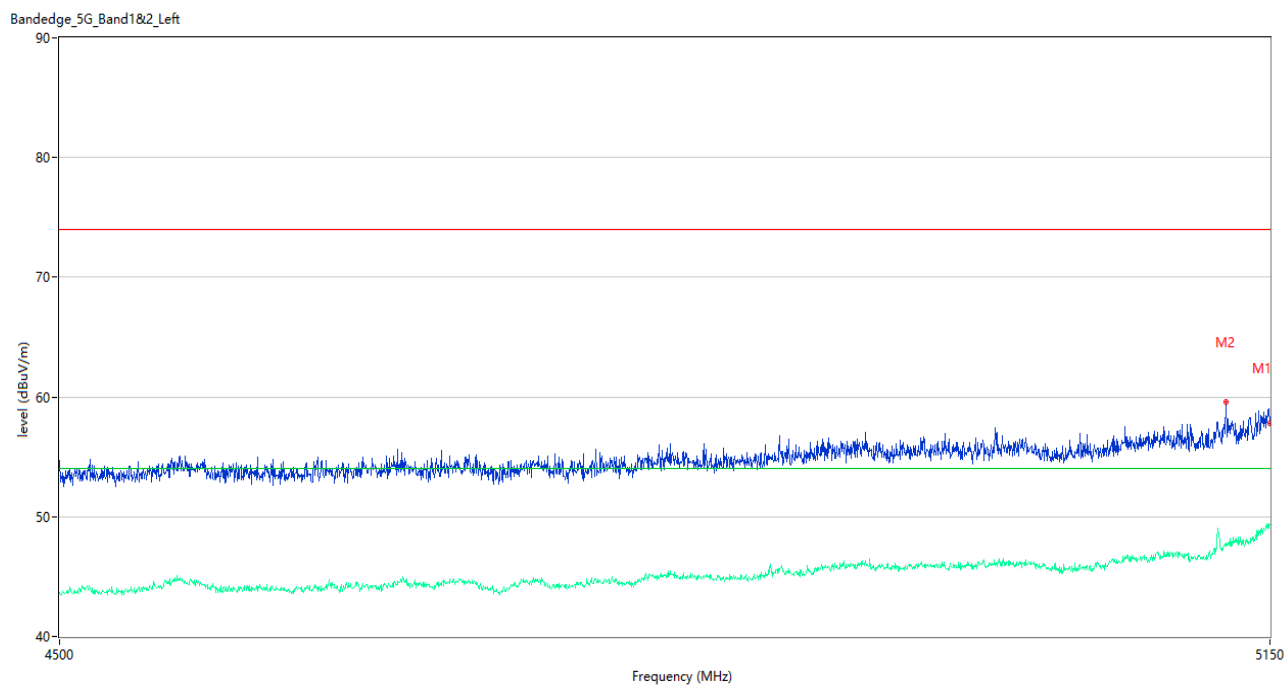
U-NII-1 11ac20 CH48

Bandedge_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.46	3.96	74.0	-16.54	Peak	0.00	150	Horizontal	Pass
1**	5350.000	47.20	3.96	54.0	-6.80	AV	0.00	150	Horizontal	Pass
2	5444.783	59.07	4.86	74.0	-14.93	Peak	132.00	150	Horizontal	Pass
2**	5444.783	47.18	4.86	54.0	-6.82	AV	132.00	150	Horizontal	Pass

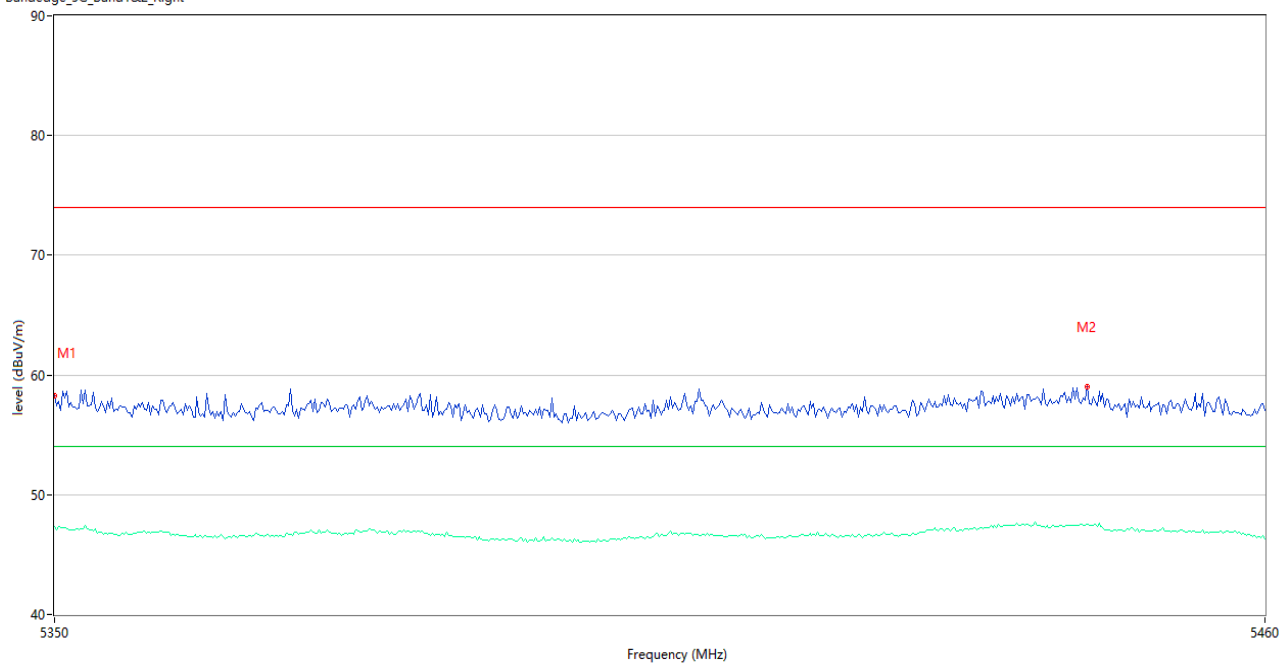
U-NII-1 11ac40 CH38



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.83	3.94	74.0	-16.17	Peak	173.00	150	Horizontal	Pass
1**	5150.000	49.33	3.94	54.0	-4.67	AV	173.00	150	Horizontal	Pass
2	5124.650	59.59	4.07	74.0	-14.41	Peak	203.00	150	Horizontal	Pass
2**	5124.650	47.52	4.07	54.0	-6.48	AV	203.00	150	Horizontal	Pass

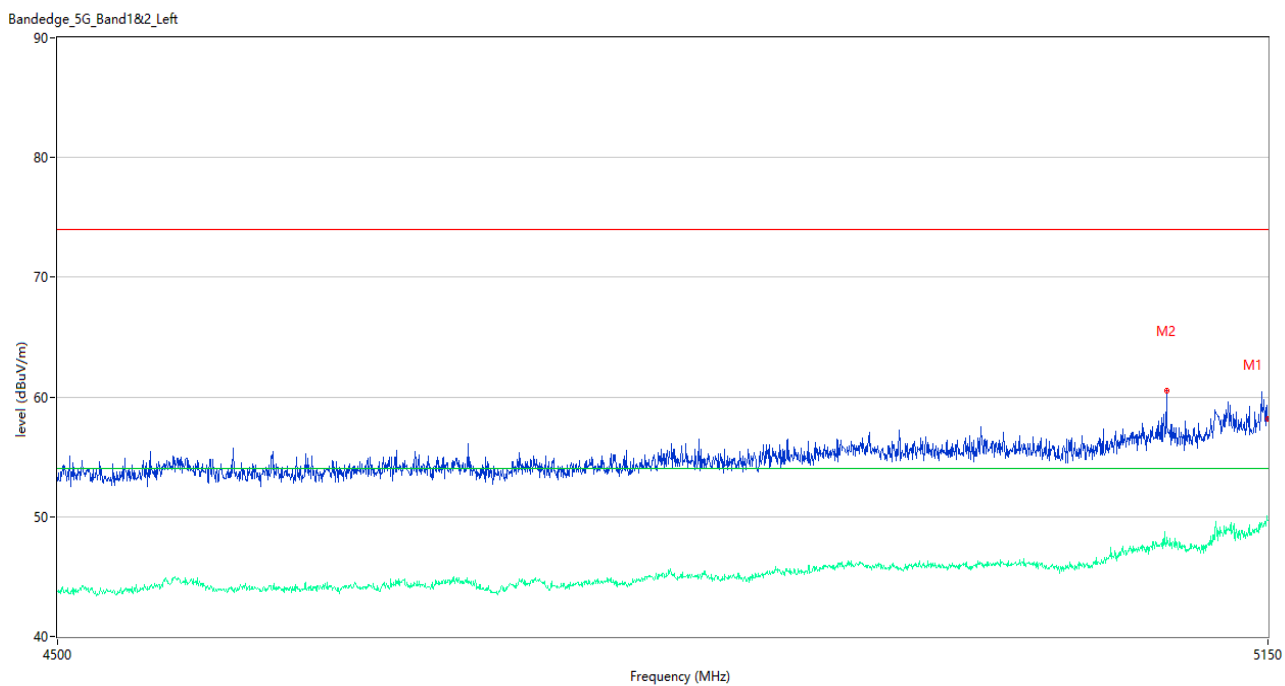
U-NII-1 11ac40 CH46

Bandedge_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.28	3.96	74.0	-15.72	Peak	191.00	150	Horizontal	Pass
1**	5350.000	47.37	3.96	54.0	-6.63	AV	191.00	150	Horizontal	Pass
2	5443.683	58.97	4.97	74.0	-15.03	Peak	16.00	150	Horizontal	Pass
2**	5443.683	47.49	4.97	54.0	-6.51	AV	16.00	150	Horizontal	Pass

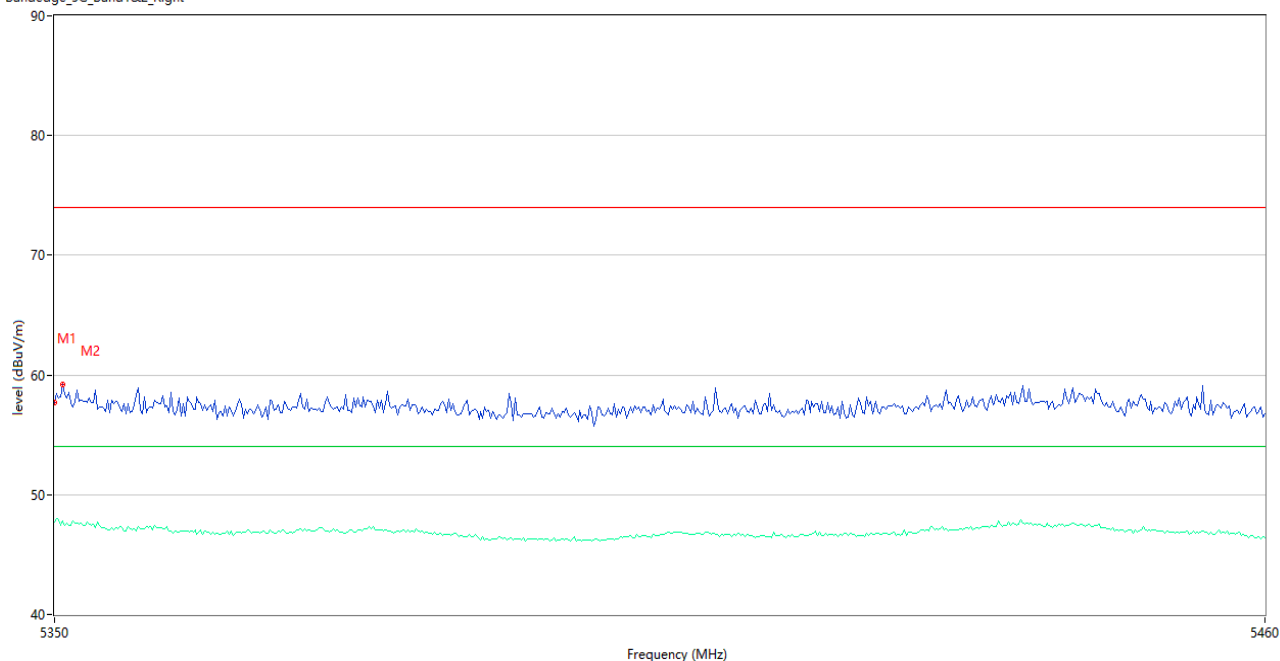
U-NII-1 11ac80 CH42



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.17	3.94	74.0	-15.83	Peak	242.00	150	Horizontal	Pass
1**	5150.000	49.71	3.94	54.0	-4.29	AV	242.00	150	Horizontal	Pass
2	5092.150	60.51	4.22	74.0	-13.49	Peak	203.00	150	Horizontal	Pass
2**	5092.150	47.82	4.22	54.0	-6.18	AV	203.00	150	Horizontal	Pass

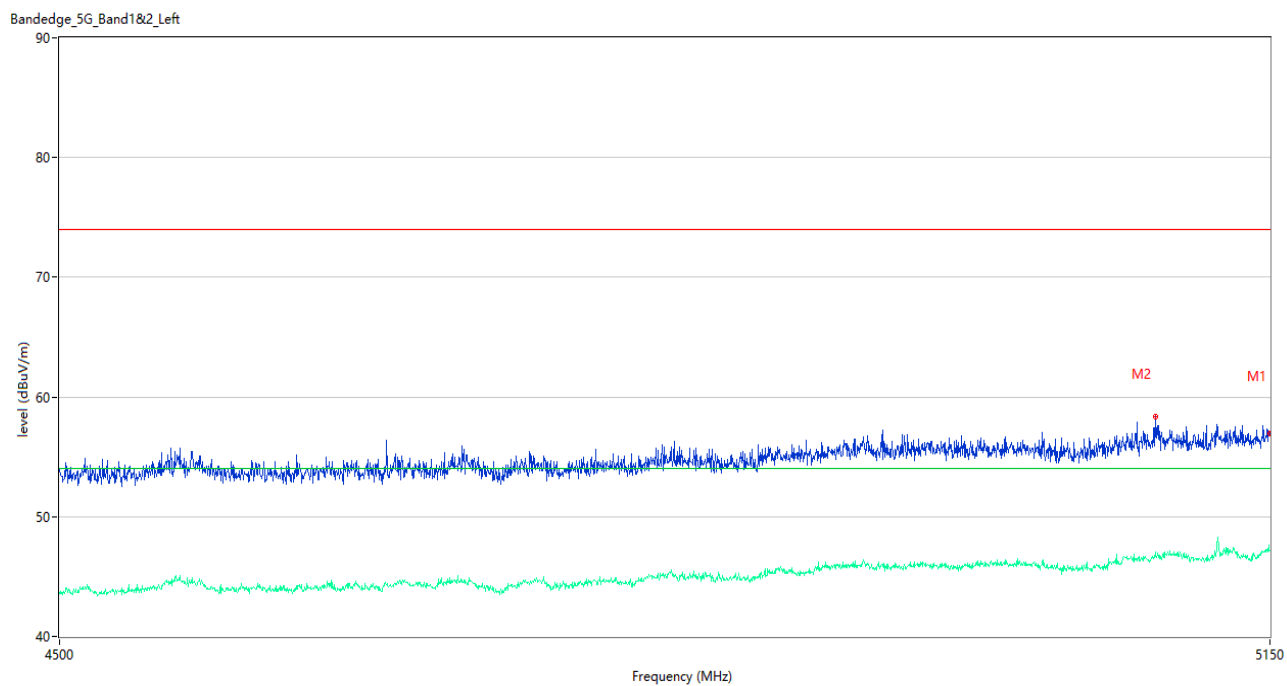
U-NII-1 11ac80 CH42

Bandedge_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.55	3.96	74.0	-16.45	Peak	197.00	150	Horizontal	Pass
1**	5350.000	47.72	3.96	54.0	-6.28	AV	197.00	150	Horizontal	Pass
2	5350.733	59.20	3.95	74.0	-14.80	Peak	208.00	150	Horizontal	Pass
2**	5350.733	47.84	3.95	54.0	-6.16	AV	208.00	150	Horizontal	Pass

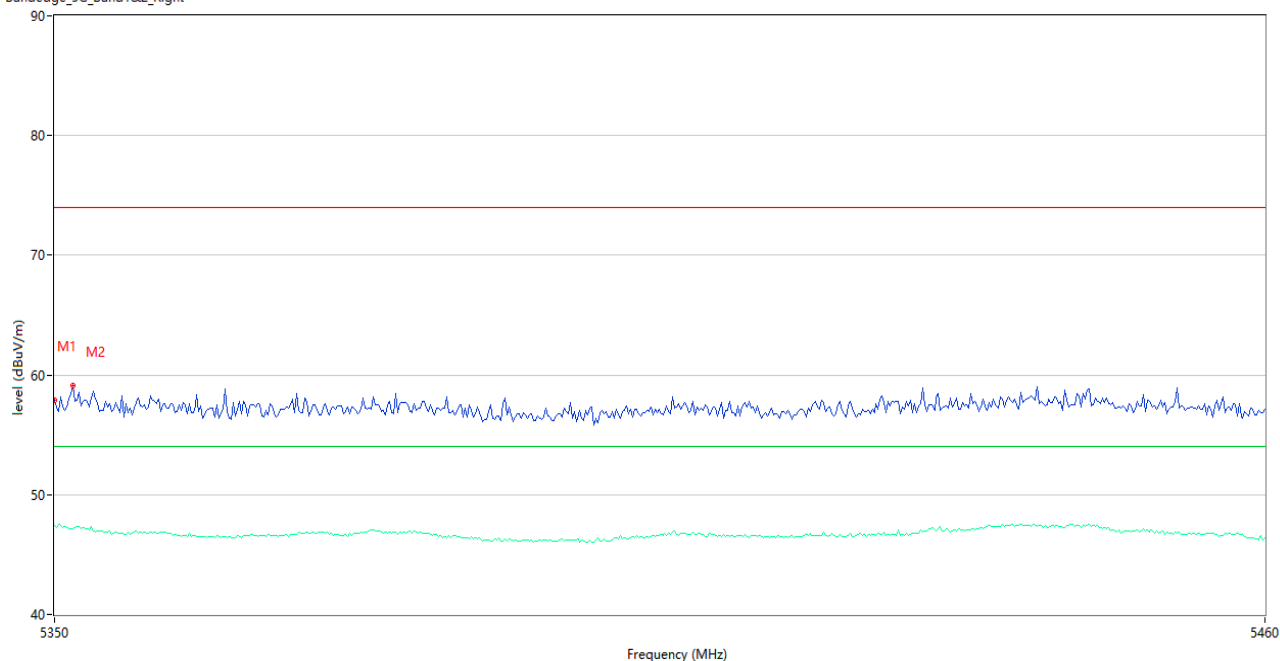
U-NII-2A 11a CH52



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.91	3.94	74.0	-17.09	Peak	215.00	150	Horizontal	Pass
1**	5150.000	47.15	3.94	54.0	-6.85	AV	215.00	150	Horizontal	Pass
2	5085.000	58.36	4.18	74.0	-15.64	Peak	193.00	150	Horizontal	Pass
2**	5085.000	46.68	4.18	54.0	-7.32	AV	193.00	150	Horizontal	Pass

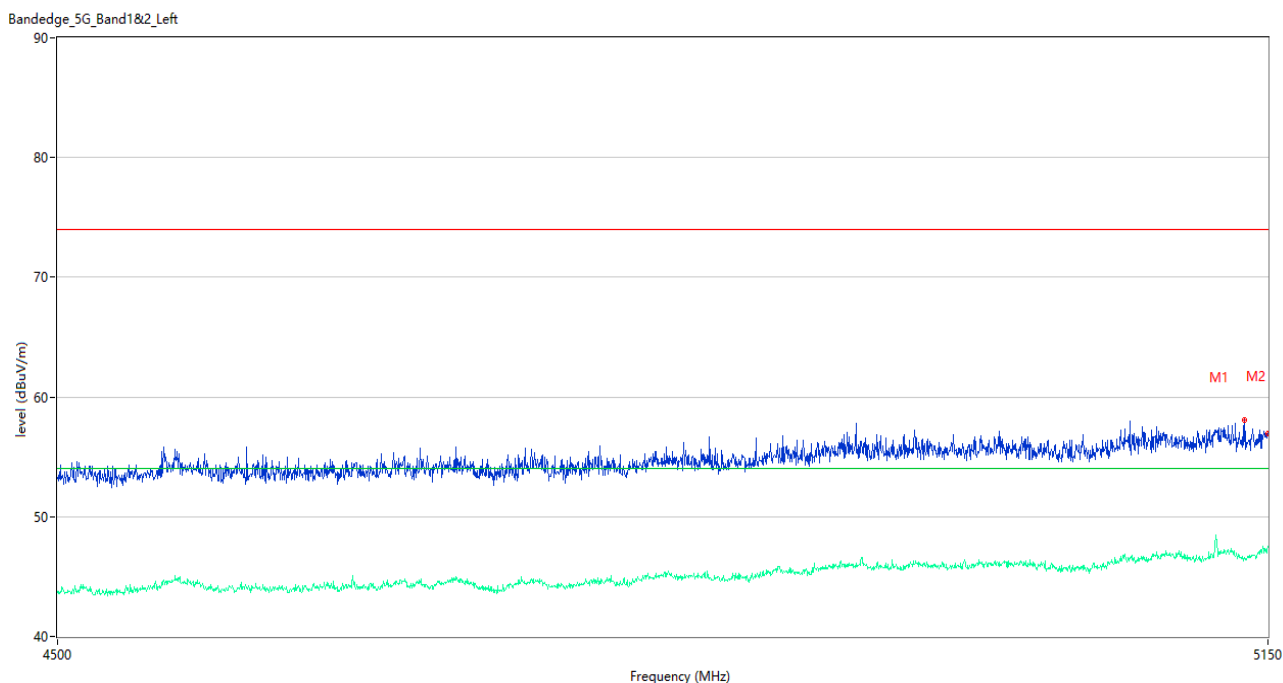
U-NII-2A 11a CH64

Bandedge_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.86	3.96	74.0	-16.14	Peak	213.00	150	Horizontal	Pass
1**	5350.000	47.40	3.96	54.0	-6.60	AV	213.00	150	Horizontal	Pass
2	5351.650	59.13	3.94	74.0	-14.87	Peak	181.00	150	Horizontal	Pass
2**	5351.650	47.18	3.94	54.0	-6.82	AV	181.00	150	Horizontal	Pass

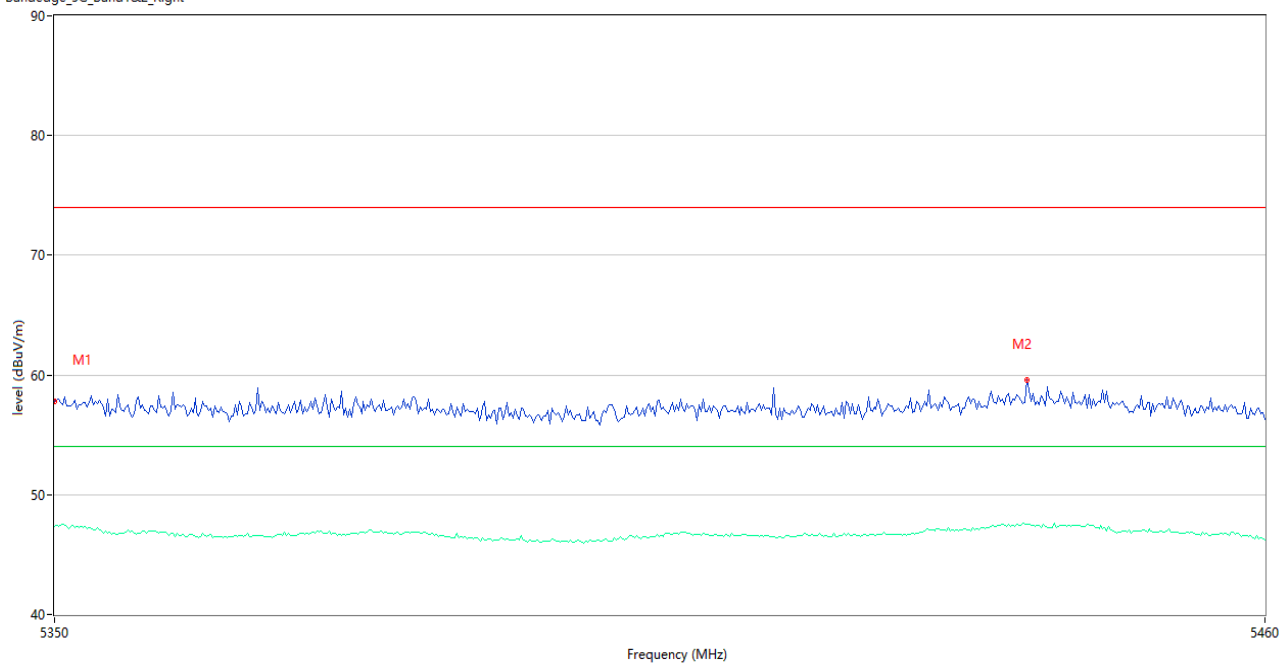
U-NII-2A 11n20 CH52



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5136.675	58.04	3.52	74.0	-15.96	Peak	283.00	150	Horizontal	Pass
1**	5136.675	46.61	3.52	54.0	-7.39	AV	283.00	150	Horizontal	Pass
2	5150.000	56.90	3.94	74.0	-17.10	Peak	255.00	150	Horizontal	Pass
2**	5150.000	47.49	3.94	54.0	-6.51	AV	255.00	150	Horizontal	Pass

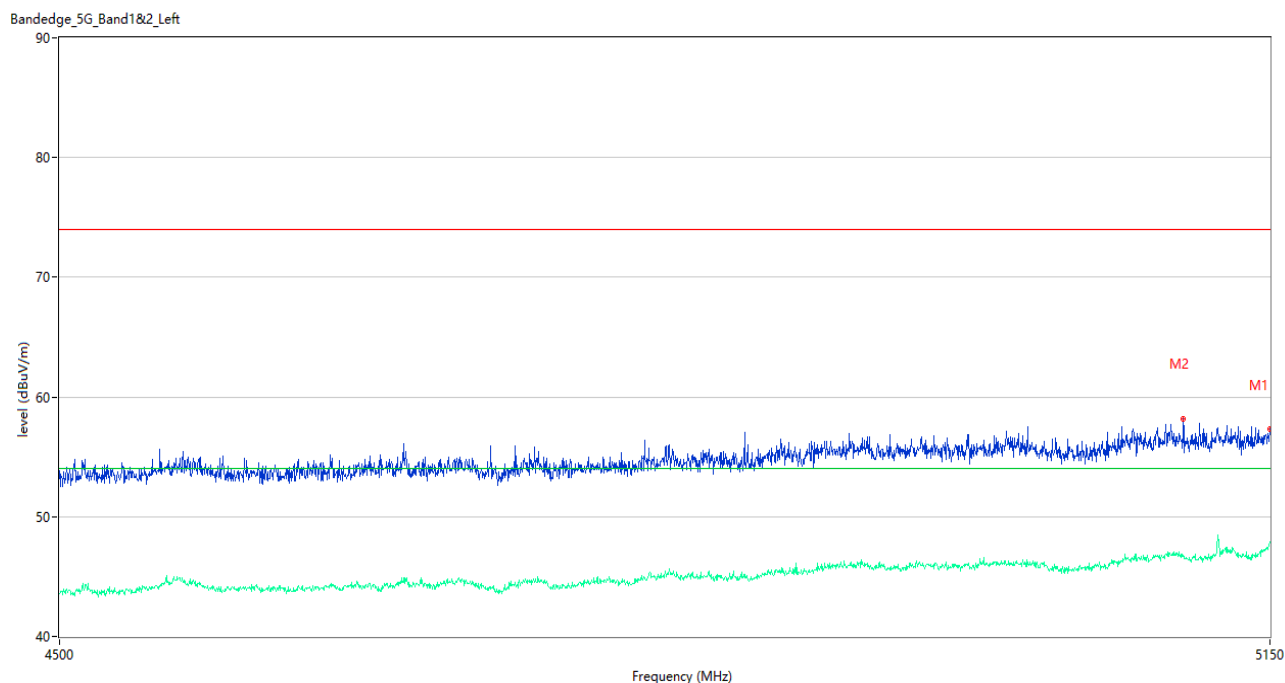
U-NII-2A 11n20 CH64

Bandedge_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.76	3.96	74.0	-16.24	Peak	136.00	150	Horizontal	Pass
1**	5350.000	47.32	3.96	54.0	-6.68	AV	136.00	150	Horizontal	Pass
2	5438.183	59.57	5.10	74.0	-14.43	Peak	0.00	150	Horizontal	Pass
2**	5438.183	47.50	5.10	54.0	-6.50	AV	0.00	150	Horizontal	Pass

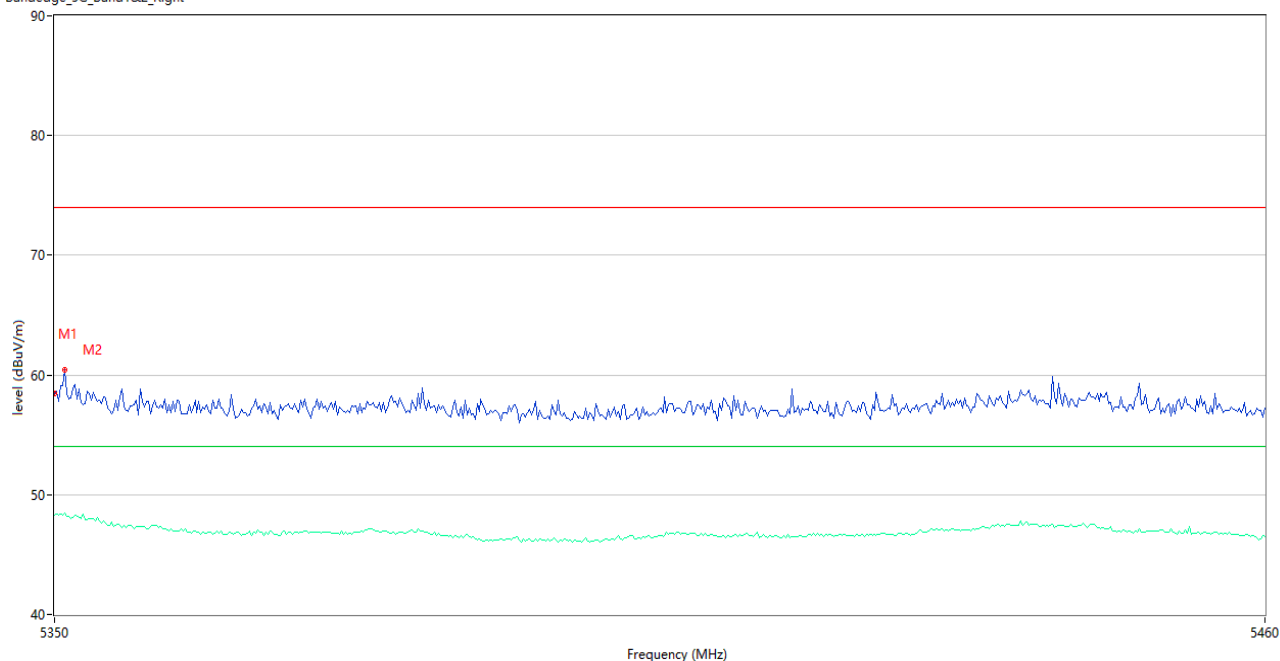
U-NII-2A 11n40 CH54



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.31	3.94	74.0	-16.69	Peak	1.00	150	Horizontal	Pass
1**	5150.000	47.91	3.94	54.0	-6.09	AV	1.00	150	Horizontal	Pass
2	5100.600	58.16	4.15	74.0	-15.84	Peak	323.00	150	Horizontal	Pass
2**	5100.600	46.71	4.15	54.0	-7.29	AV	323.00	150	Horizontal	Pass

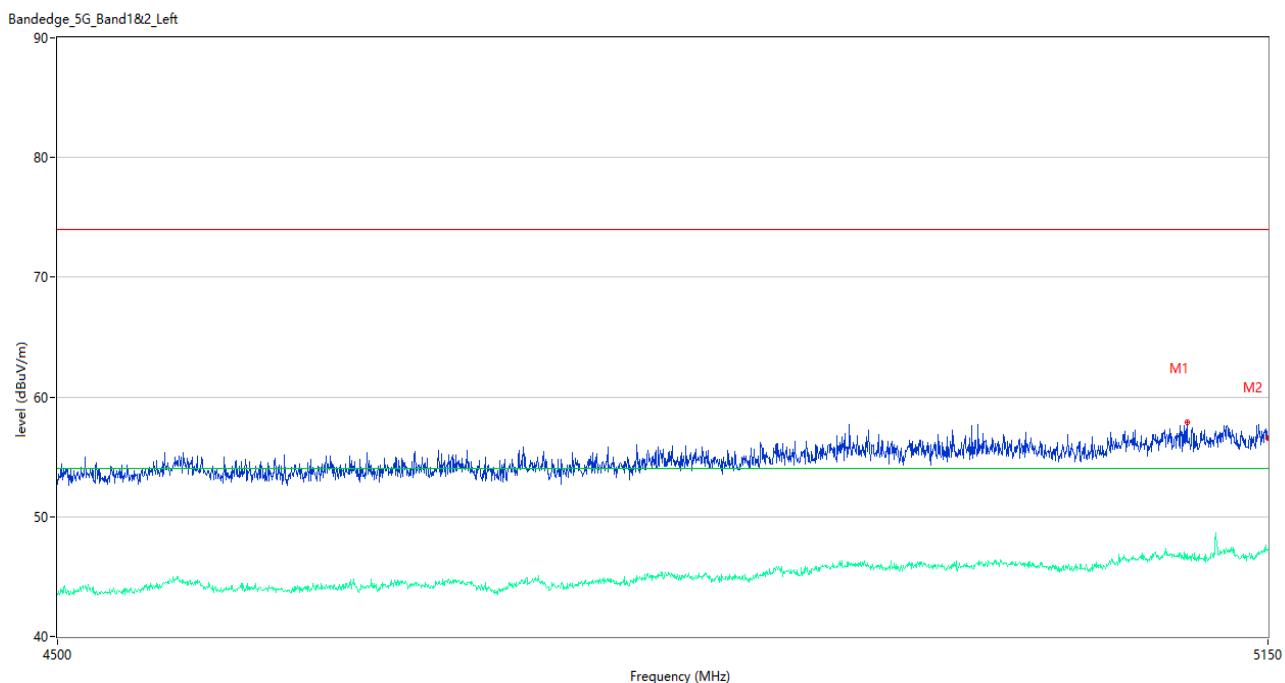
U-NII-2A 11n40 CH62

Bandedge_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.47	3.96	74.0	-15.53	Peak	230.00	150	Horizontal	Pass
1**	5350.000	48.32	3.96	54.0	-5.68	AV	230.00	150	Horizontal	Pass
2	5350.917	60.41	3.95	74.0	-13.59	Peak	199.00	150	Horizontal	Pass
2**	5350.917	48.46	3.95	54.0	-5.54	AV	199.00	150	Horizontal	Pass

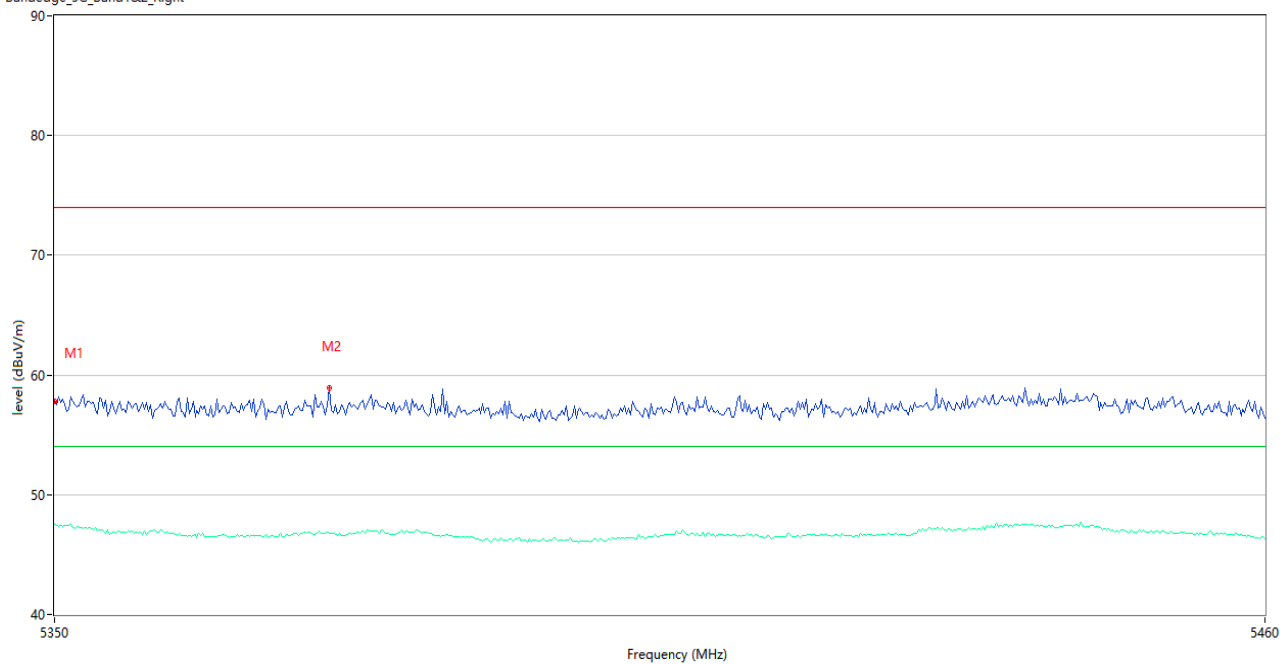
U-NII-2A 11ac20 CH52



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5103.850	57.85	3.97	74.0	-16.15	Peak	129.00	150	Horizontal	Pass
1**	5103.850	46.39	3.97	54.0	-7.61	AV	129.00	150	Horizontal	Pass
2	5150.000	56.54	3.94	74.0	-17.46	Peak	0.00	150	Horizontal	Pass
2**	5150.000	47.29	3.94	54.0	-6.71	AV	0.00	150	Horizontal	Pass

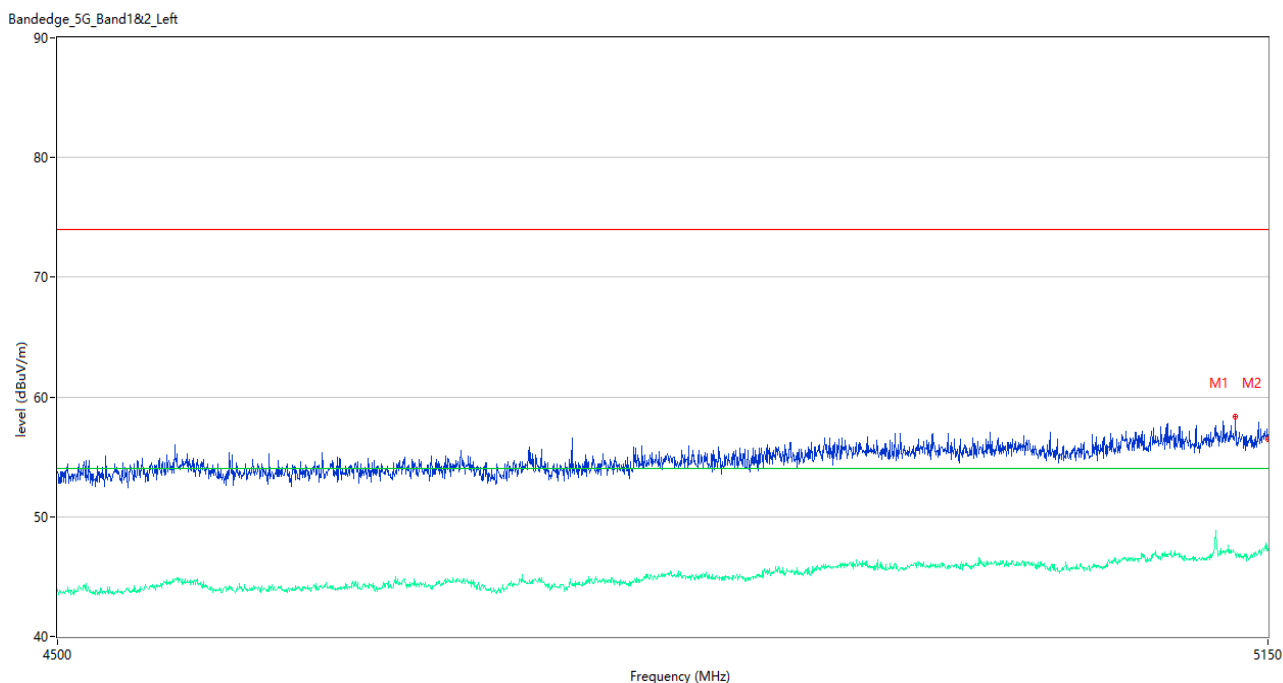
U-NII-2A 11ac20 CH64

Bandedge_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.81	3.96	74.0	-16.19	Peak	23.00	150	Horizontal	Pass
1**	5350.000	47.54	3.96	54.0	-6.46	AV	23.00	150	Horizontal	Pass
2	5374.750	58.97	3.92	74.0	-15.03	Peak	3.00	150	Horizontal	Pass
2**	5374.750	46.82	3.92	54.0	-7.18	AV	3.00	150	Horizontal	Pass

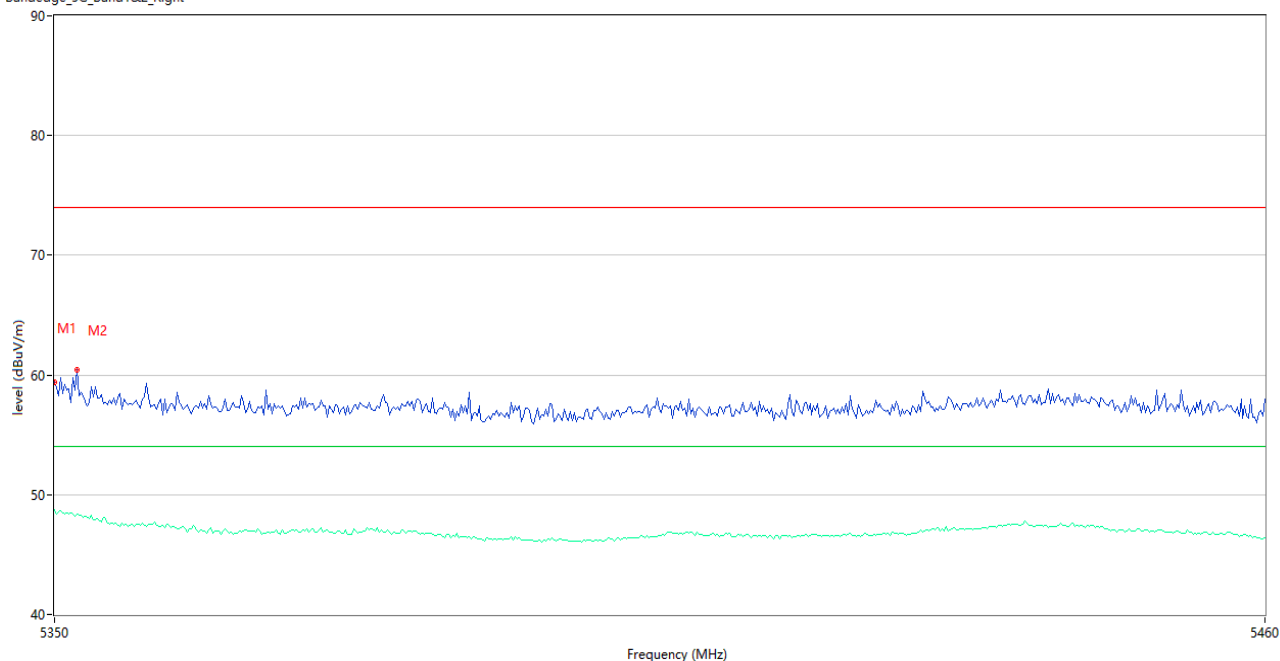
U-NII-2A 11ac40 CH54



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5131.475	58.41	3.73	74.0	-15.59	Peak	90.00	150	Horizontal	Pass
1**	5131.475	46.86	3.73	54.0	-7.14	AV	90.00	150	Horizontal	Pass
2	5150.000	56.50	3.94	74.0	-17.50	Peak	56.00	150	Horizontal	Pass
2**	5150.000	47.20	3.94	54.0	-6.80	AV	56.00	150	Horizontal	Pass

U-NII-2A 11ac40 CH62

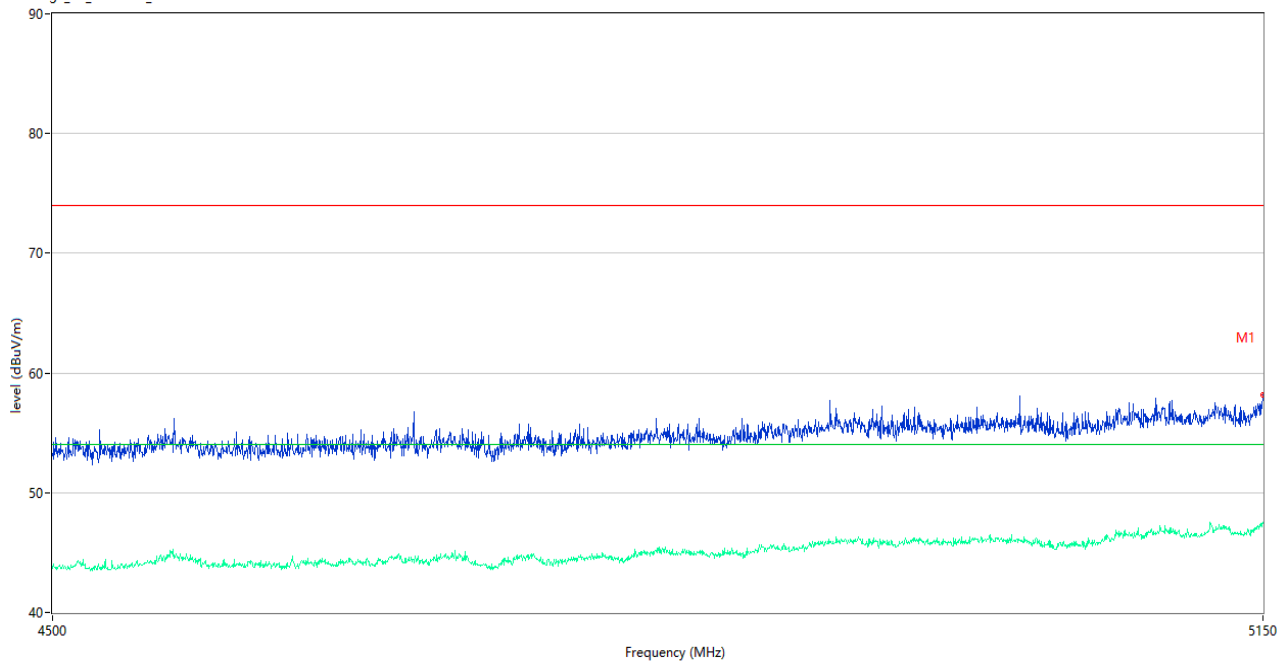
Bandedge_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.39	3.96	74.0	-14.61	Peak	186.00	150	Horizontal	Pass
1**	5350.000	48.71	3.96	54.0	-5.29	AV	186.00	150	Horizontal	Pass
2	5352.016	60.44	3.94	74.0	-13.56	Peak	201.00	150	Horizontal	Pass
2**	5352.016	48.34	3.94	54.0	-5.66	AV	201.00	150	Horizontal	Pass

U-NII-2A 11ac80 CH58

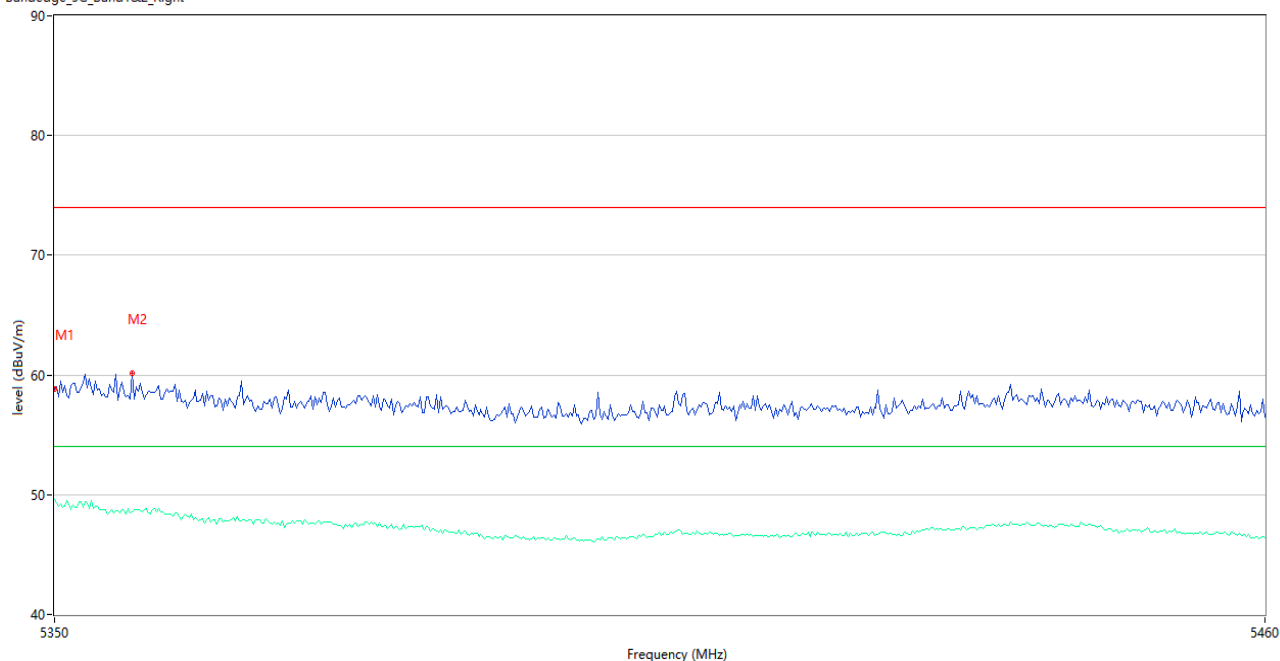
Bandedge_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.20	3.94	74.0	-15.80	Peak	213.00	150	Horizontal	Pass
1**	5150.000	47.51	3.94	54.0	-6.49	AV	213.00	150	Horizontal	Pass

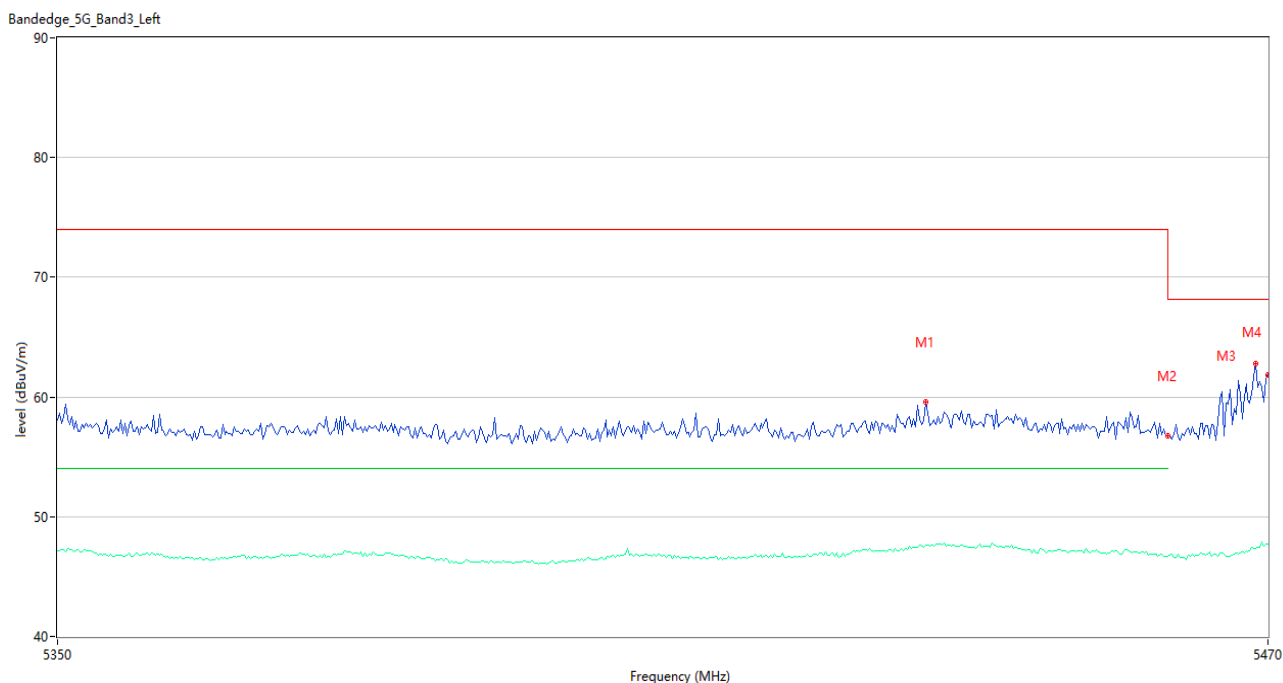
U-NII-2A 11ac80 CH58

Bandedge_5G_Band1&2_Right



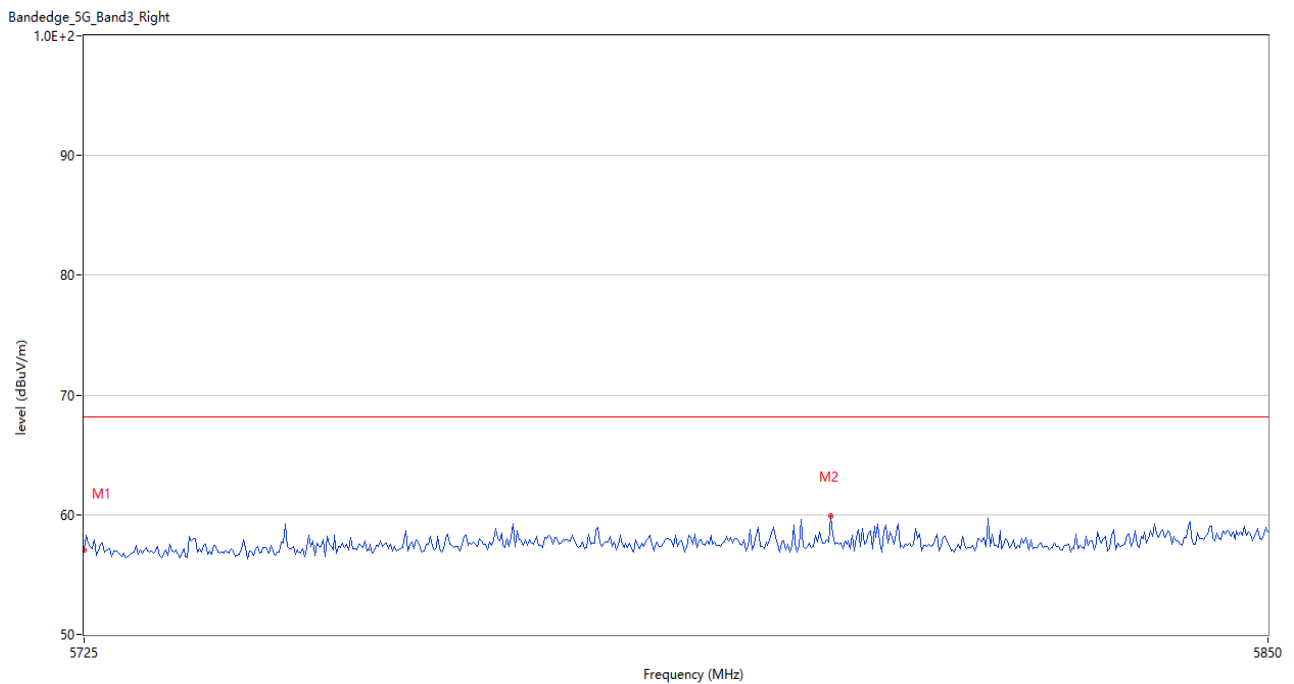
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.80	3.96	74.0	-15.20	Peak	190.00	150	Horizontal	Pass
1**	5350.000	49.58	3.96	54.0	-4.42	AV	190.00	150	Horizontal	Pass
2	5356.967	60.10	3.69	74.0	-13.90	Peak	198.00	150	Horizontal	Pass
2**	5356.967	48.57	3.69	54.0	-5.43	AV	198.00	150	Horizontal	Pass

U-NII-2C 11a CH100



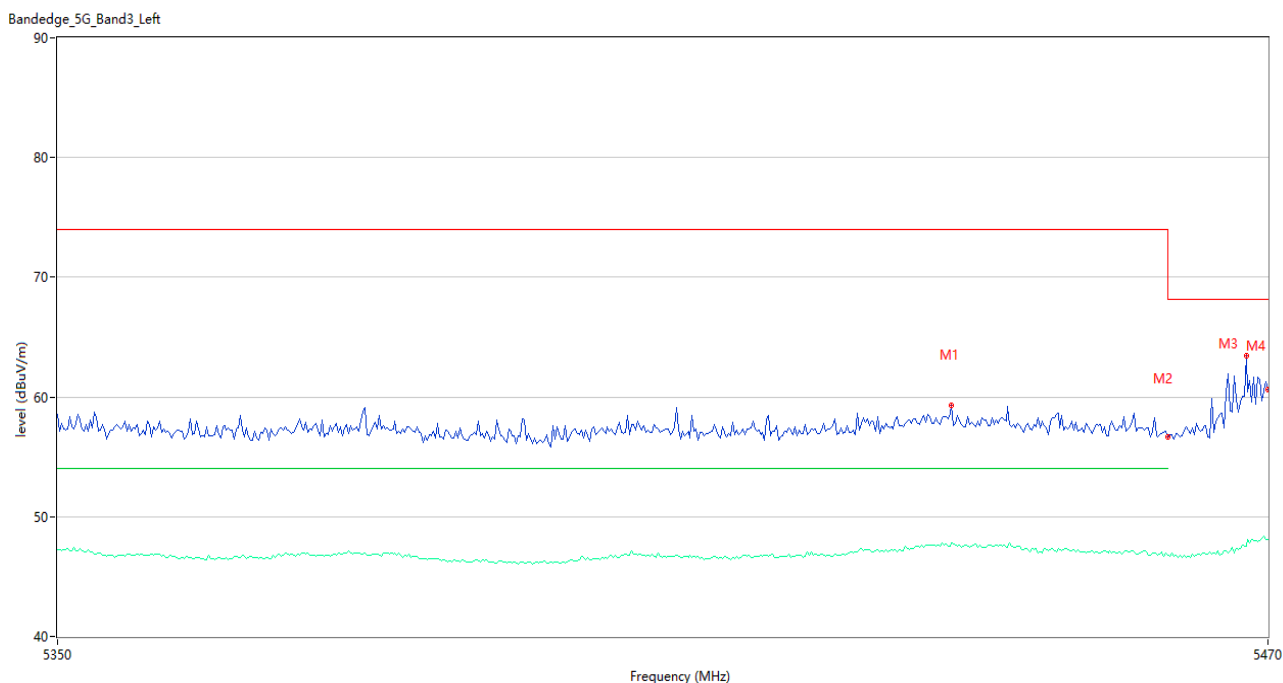
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5435.800	59.56	5.02	74.0	-14.44	Peak	127.00	150	Horizontal	Pass
1**	5435.800	47.67	5.02	54.0	-6.33	AV	127.00	150	Horizontal	Pass
2	5460.000	56.78	4.23	74.0	-17.22	Peak	240.00	150	Horizontal	Pass
2**	5460.000	46.66	4.23	54.0	-7.34	AV	240.00	150	Horizontal	Pass
3	5468.800	62.81	3.86	68.2	-5.39	Peak	205.00	150	Horizontal	Pass
3**	5468.800	47.35	3.86	--	--	AV	205.00	150	Horizontal	N/A
4	5470.000	61.81	3.80	68.2	-6.39	Peak	198.00	150	Horizontal	Pass
4**	5470.000	47.74	3.80	--	--	AV	198.00	150	Horizontal	N/A

U-NII-2C 11a CH140



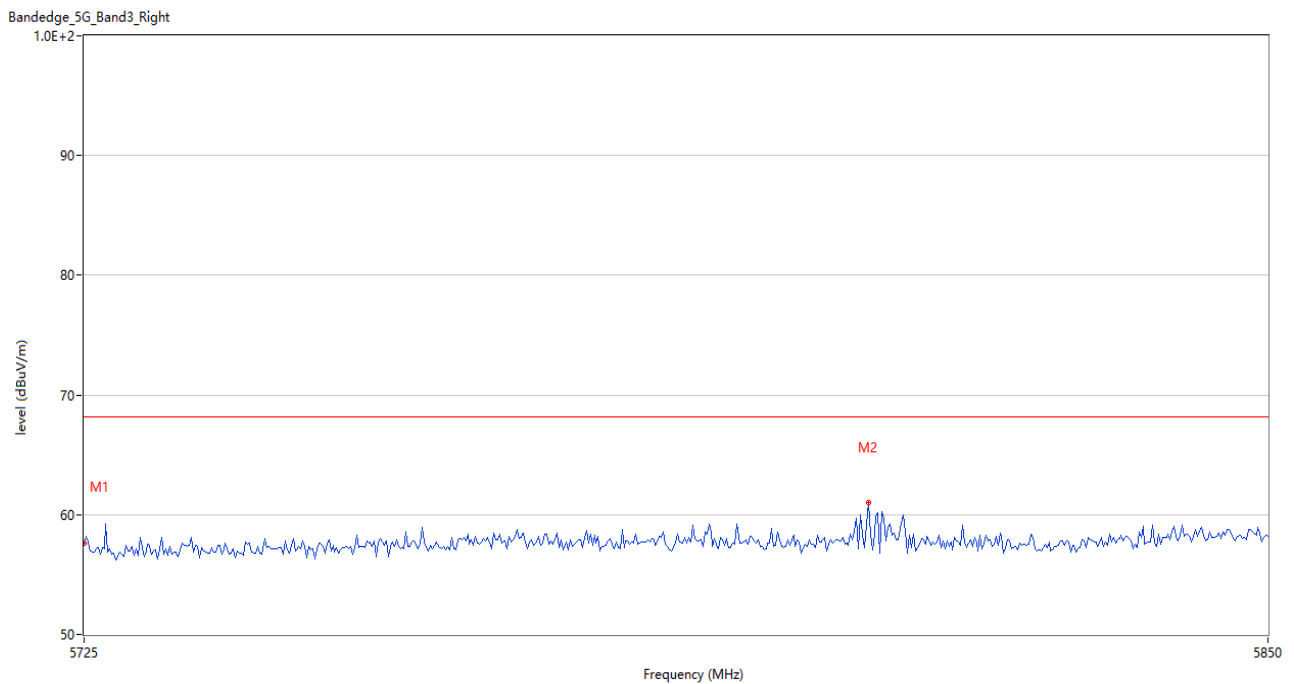
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.06	4.45	68.2	-11.14	Peak	194.00	150	Horizontal	Pass
2	5803.542	59.87	4.53	68.2	-8.33	Peak	208.00	150	Horizontal	Pass

U-NII-2C 11n20 CH100



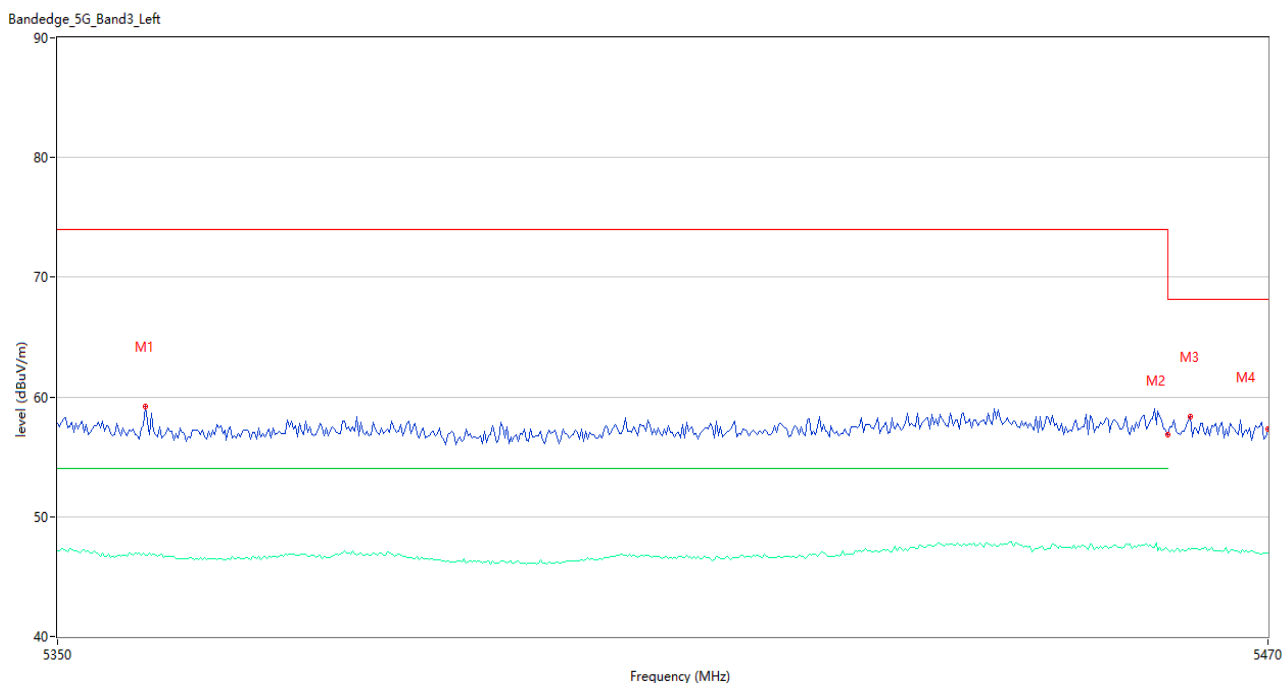
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5438.400	59.29	5.08	74.0	-14.71	Peak	348.00	150	Horizontal	Pass
1**	5438.400	47.86	5.08	54.0	-6.14	AV	348.00	150	Horizontal	Pass
2	5460.000	56.71	4.23	74.0	-17.29	Peak	249.00	150	Horizontal	Pass
2**	5460.000	46.74	4.23	54.0	-7.26	AV	249.00	150	Horizontal	Pass
3	5467.800	63.40	3.94	68.2	-4.80	Peak	197.00	150	Horizontal	Pass
3**	5467.800	47.52	3.94	--	--	AV	197.00	150	Horizontal	N/A
4	5470.000	60.67	3.80	68.2	-7.53	Peak	195.00	150	Horizontal	Pass
4**	5470.000	48.10	3.80	--	--	AV	195.00	150	Horizontal	N/A

U-NII-2C 11n20 CH140



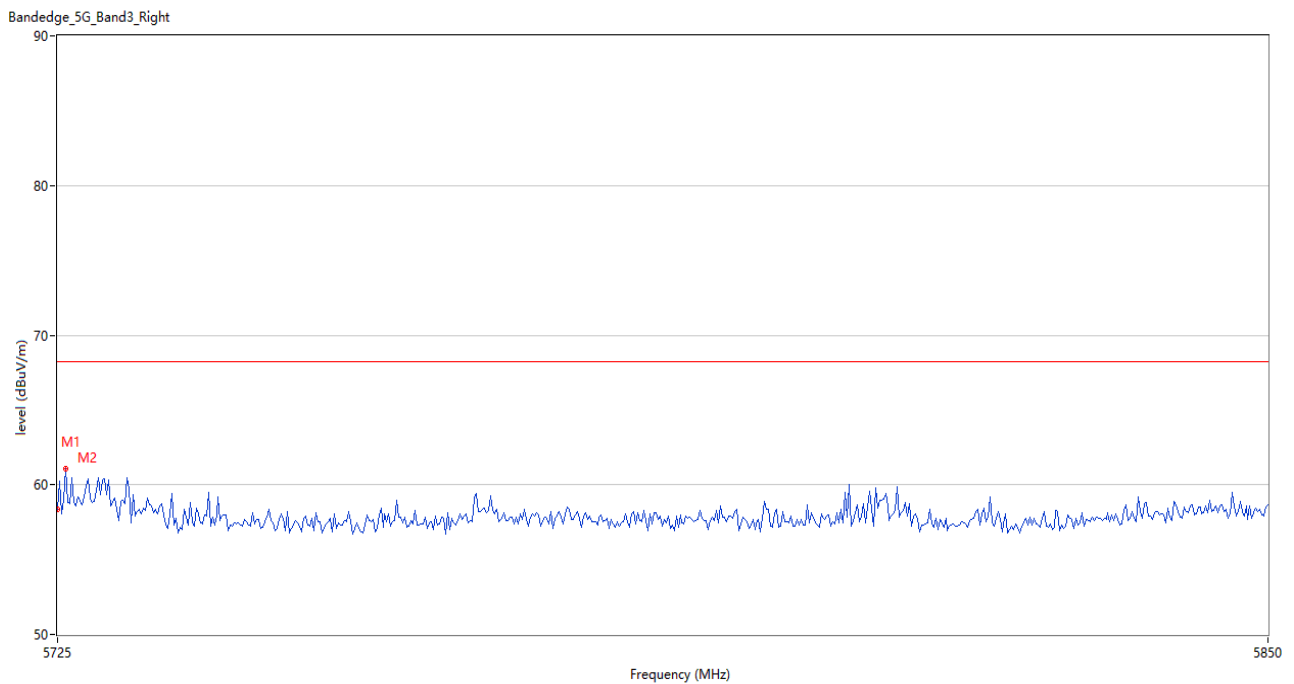
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.63	4.45	68.2	-10.57	Peak	195.00	150	Horizontal	Pass
2	5807.500	61.04	4.52	68.2	-7.16	Peak	284.00	150	Horizontal	Pass

U-NII-2C 11n40 CH102



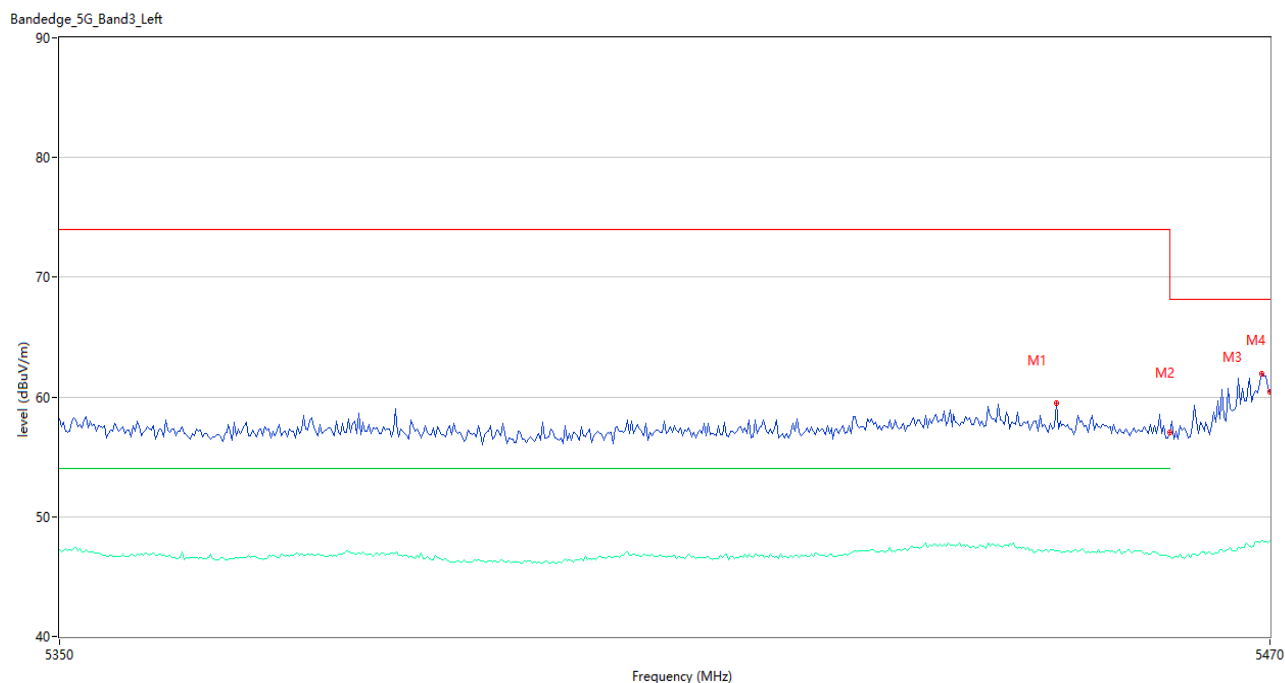
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5358.600	59.18	3.80	74.0	-14.82	Peak	90.00	150	Horizontal	Pass
1**	5358.600	46.82	3.80	54.0	-7.18	AV	90.00	150	Horizontal	Pass
2	5460.000	56.84	4.23	74.0	-17.16	Peak	60.00	150	Horizontal	Pass
2**	5460.000	47.28	4.23	54.0	-6.72	AV	60.00	150	Horizontal	Pass
3	5462.200	58.33	4.18	68.2	-9.87	Peak	203.00	150	Horizontal	Pass
3**	5462.200	47.24	4.18	--	--	AV	203.00	150	Horizontal	N/A
4	5470.000	57.30	3.80	68.2	-10.90	Peak	208.00	150	Horizontal	Pass
4**	5470.000	46.94	3.80	--	--	AV	208.00	150	Horizontal	N/A

U-NII-2C 11n40 CH134



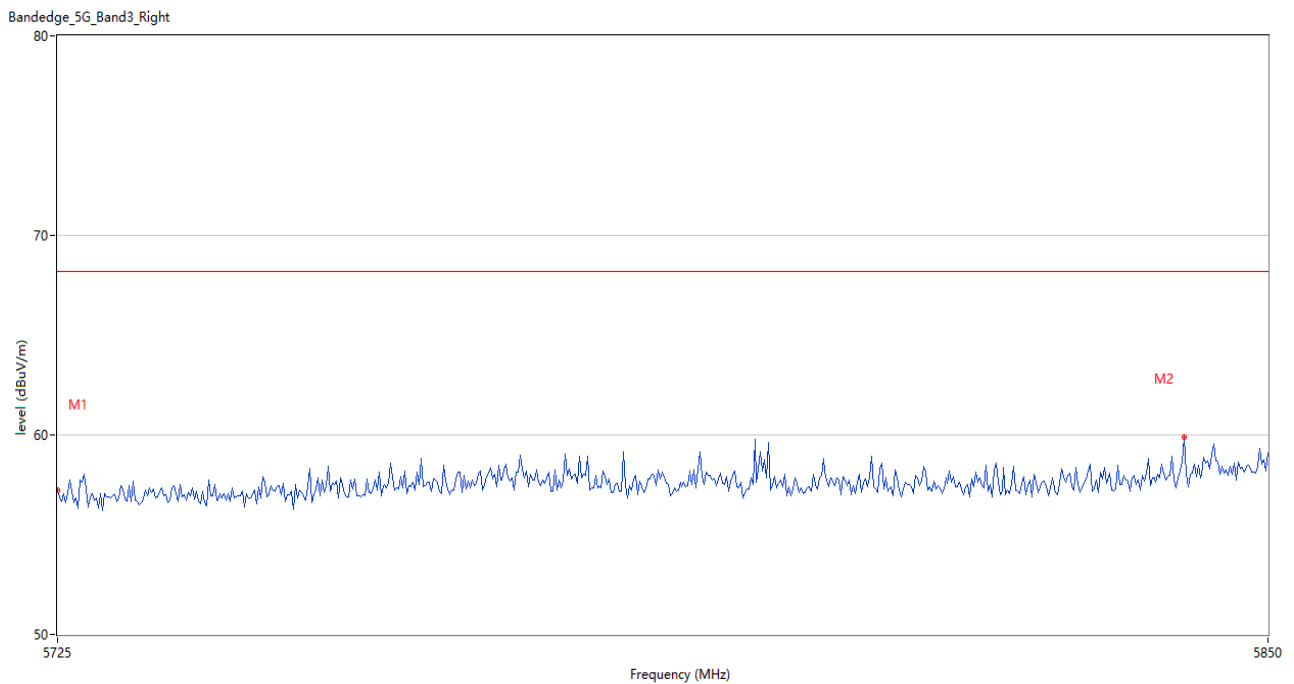
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.39	4.45	68.2	-9.81	Peak	185.00	150	Horizontal	Pass
2	5725.834	61.09	4.38	68.2	-7.11	Peak	198.00	150	Horizontal	Pass

U-NII-2C 11ac20 CH100



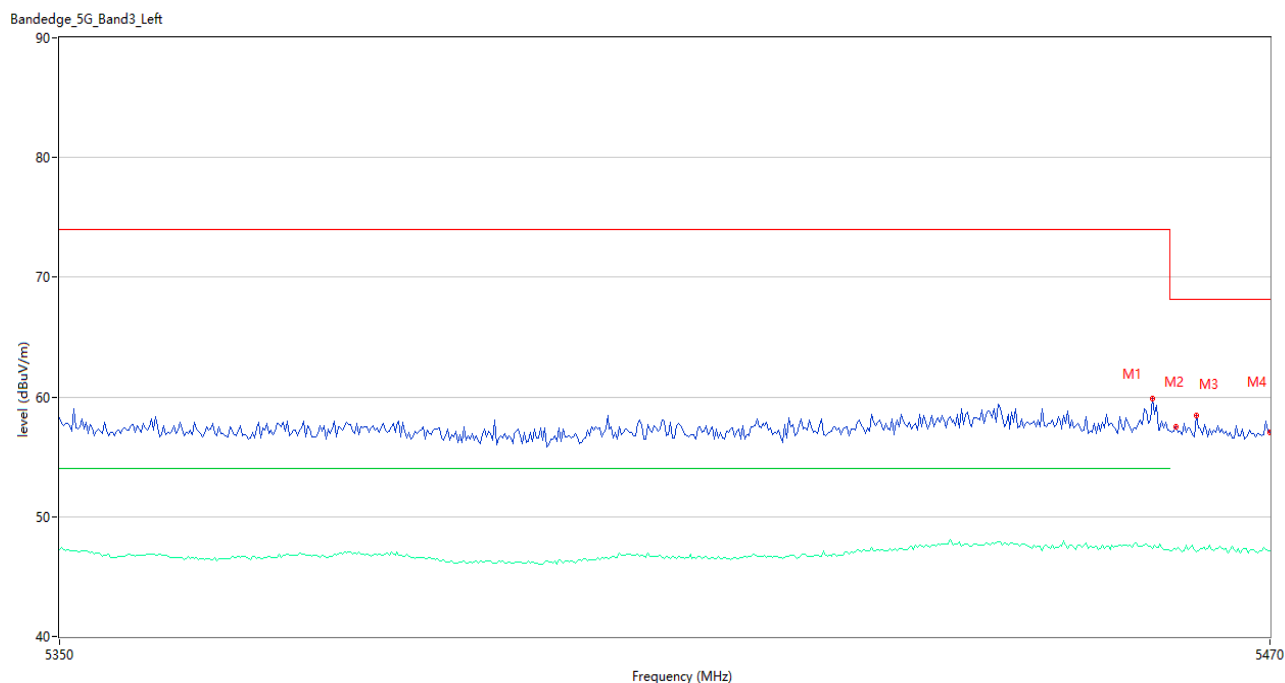
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5448.600	59.52	4.59	74.0	-14.48	Peak	0.00	150	Horizontal	Pass
1**	5448.600	47.17	4.59	54.0	-6.83	AV	0.00	150	Horizontal	Pass
2	5460.000	57.09	4.23	74.0	-16.91	Peak	209.00	150	Horizontal	Pass
2**	5460.000	46.66	4.23	54.0	-7.34	AV	209.00	150	Horizontal	Pass
3	5469.200	61.98	3.83	68.2	-6.22	Peak	196.00	150	Horizontal	Pass
3**	5469.200	47.96	3.83	--	--	AV	196.00	150	Horizontal	N/A
4	5470.000	60.44	3.80	68.2	-7.76	Peak	209.00	150	Horizontal	Pass
4**	5470.000	47.97	3.80	--	--	AV	209.00	150	Horizontal	N/A

U-NII-2C 11ac20 CH140



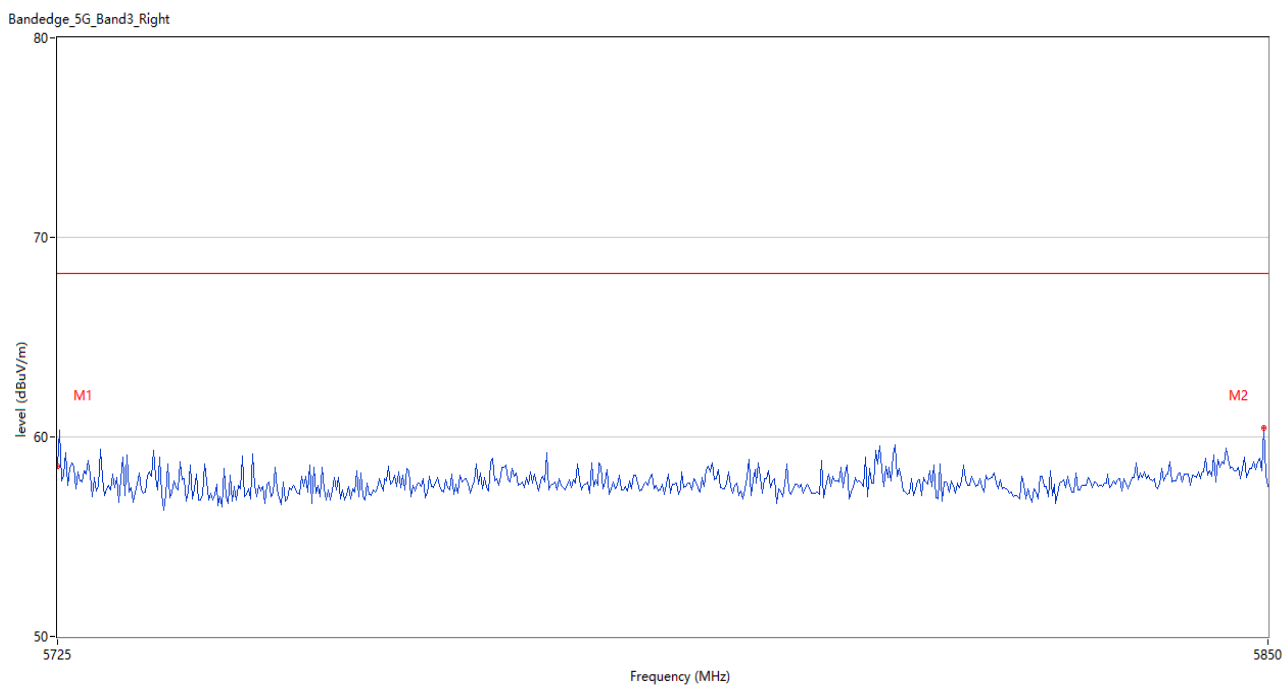
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.21	4.45	68.2	-10.99	Peak	249.00	150	Horizontal	Pass
2	5841.250	59.88	5.46	68.2	-8.32	Peak	65.00	150	Horizontal	Pass

U-NII-2C 11ac40 CH102



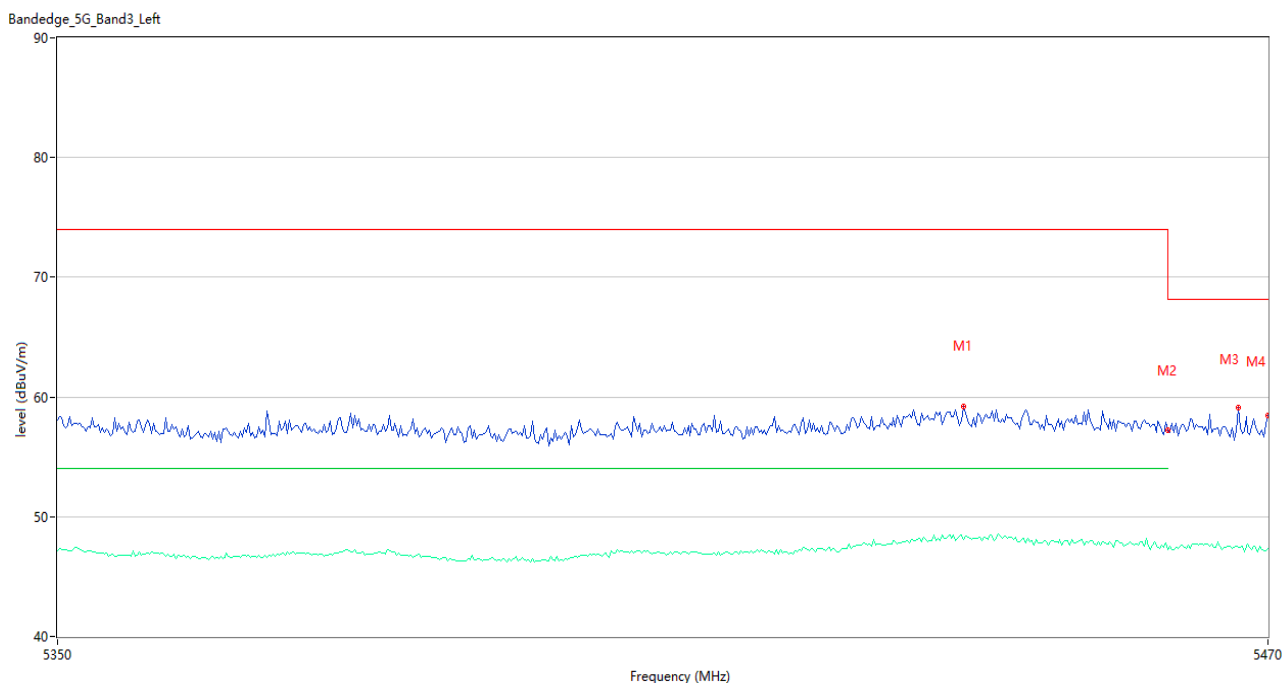
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.200	59.87	4.43	74.0	-14.13	Peak	184.00	150	Horizontal	Pass
1**	5458.200	47.37	4.43	54.0	-6.63	AV	184.00	150	Horizontal	Pass
2	5460.600	57.54	4.17	68.2	-10.66	Peak	184.00	150	Horizontal	Pass
2**	5460.600	47.23	4.17	54.0	-6.77	AV	184.00	150	Horizontal	N/A
3	5462.600	58.49	4.21	68.2	-9.71	Peak	0.00	150	Horizontal	Pass
3**	5462.600	47.06	4.21	--	--	AV	0.00	150	Horizontal	N/A
4	5470.000	57.07	3.80	68.2	-11.13	Peak	188.00	150	Horizontal	Pass
4**	5470.000	47.18	3.80	--	--	AV	188.00	150	Horizontal	N/A

U-NII-2C 11ac40 CH134



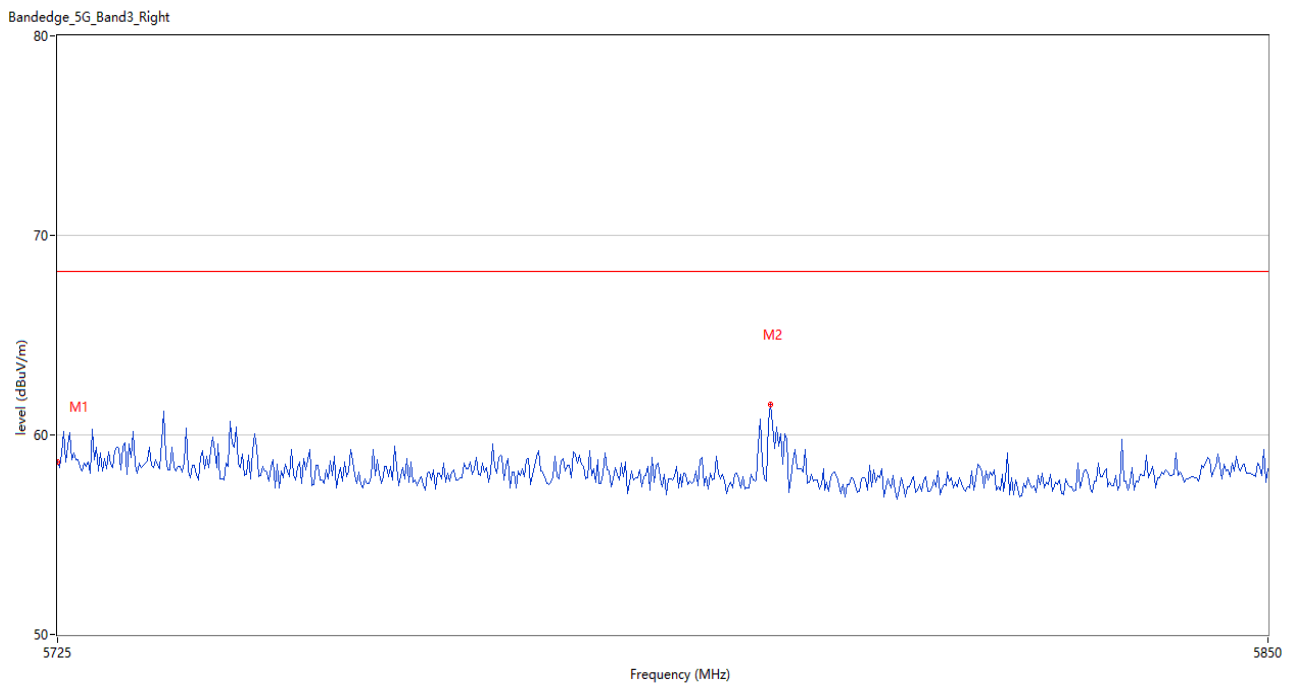
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.51	4.45	68.2	-9.69	Peak	185.00	150	Horizontal	Pass
2	5849.584	60.46	5.71	68.2	-7.74	Peak	188.00	150	Horizontal	Pass

U-NII-2C 11ac80 CH106



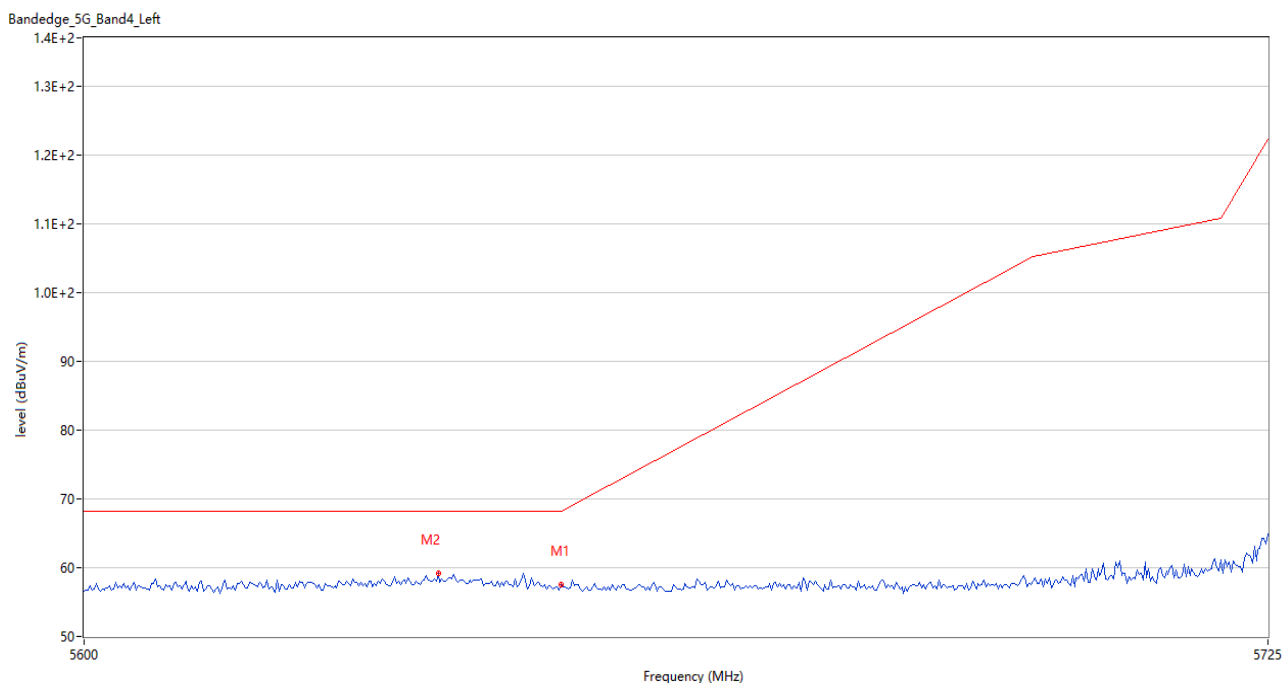
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5439.600	59.17	4.97	74.0	-14.83	Peak	206.00	150	Horizontal	Pass
1**	5439.600	48.06	4.97	54.0	-5.94	AV	206.00	150	Horizontal	Pass
2	5460.000	57.19	4.23	74.0	-16.81	Peak	194.00	150	Horizontal	Pass
2**	5460.000	47.28	4.23	54.0	-6.72	AV	194.00	150	Horizontal	Pass
3	5467.000	59.12	3.97	68.2	-9.08	Peak	229.00	150	Horizontal	Pass
3**	5467.000	47.46	3.97	--	--	AV	229.00	150	Horizontal	N/A
4	5470.000	58.49	3.80	68.2	-9.71	Peak	95.00	150	Horizontal	Pass
4**	5470.000	47.30	3.80	--	--	AV	95.00	150	Horizontal	N/A

U-NII-2C 11ac80 CH122



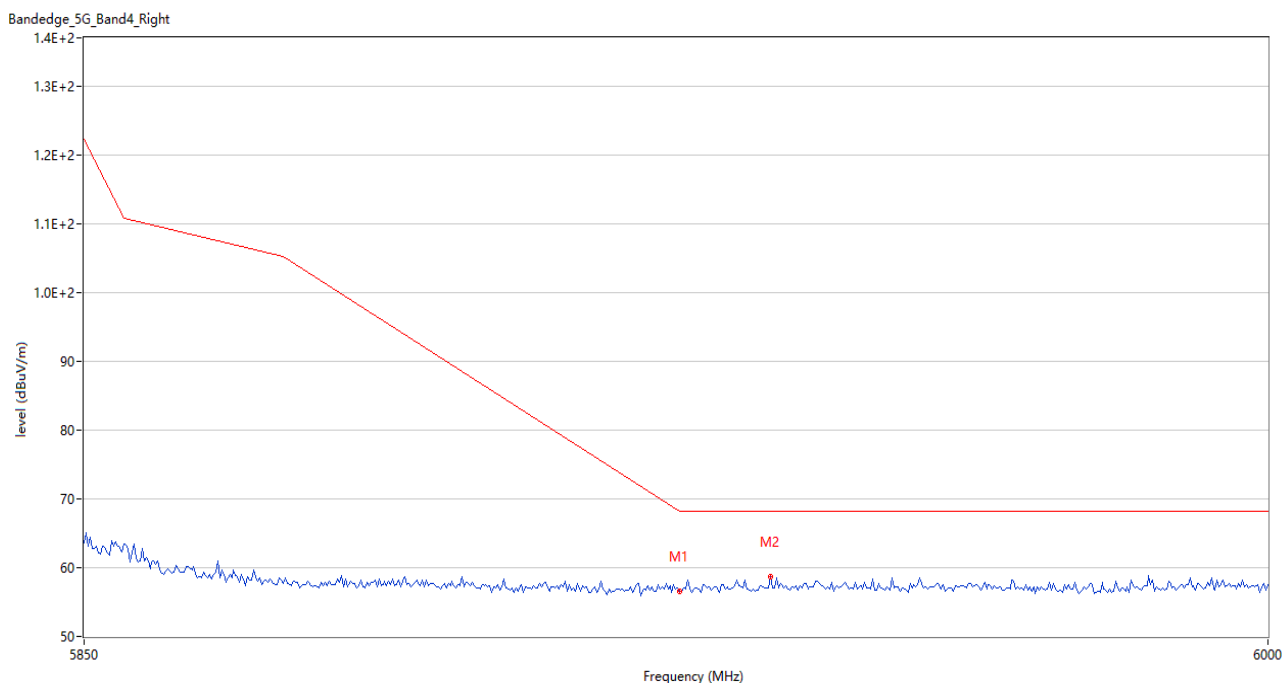
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	58.67	4.45	68.2	-9.53	Peak	199.00	150	Horizontal	Pass
2	5798.333	61.55	4.35	68.2	-6.65	Peak	297.00	150	Horizontal	Pass

U-NII-3 11a CH149



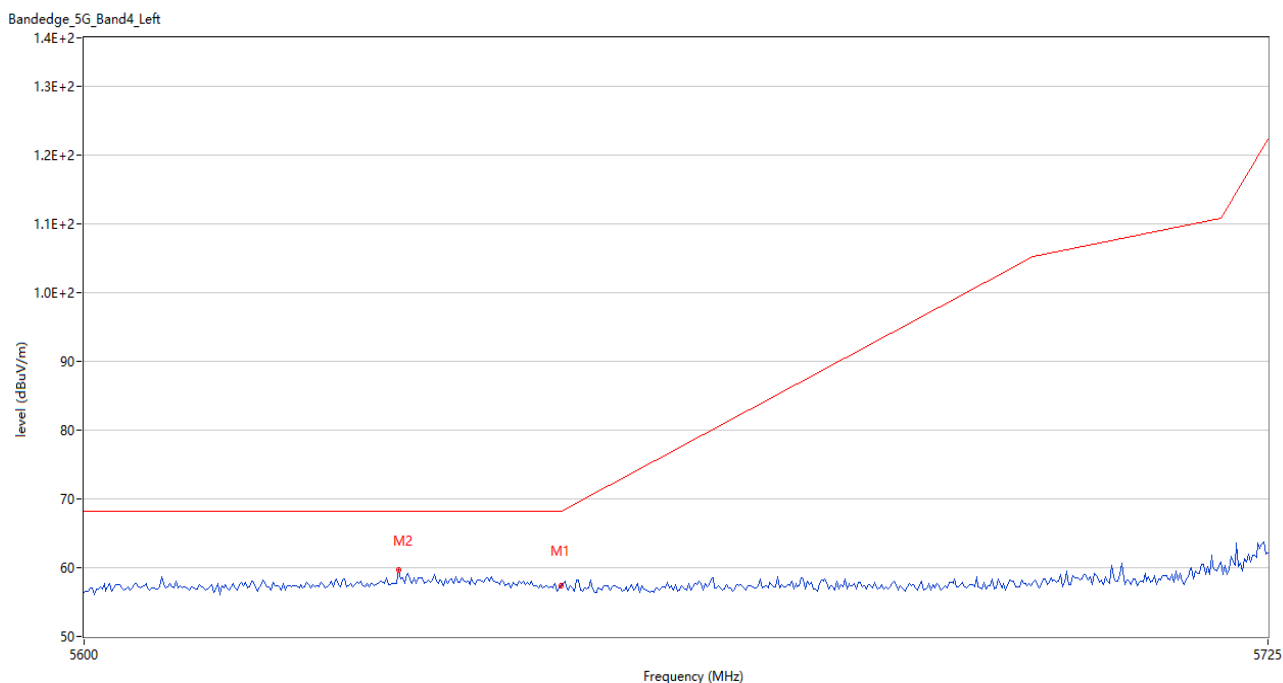
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.48	4.91	68.2	-10.72	Peak	327.00	150	Horizontal	Pass
2	5637.084	59.18	5.47	68.2	-9.02	Peak	360.00	150	Horizontal	Pass

U-NII-3 11a CH165



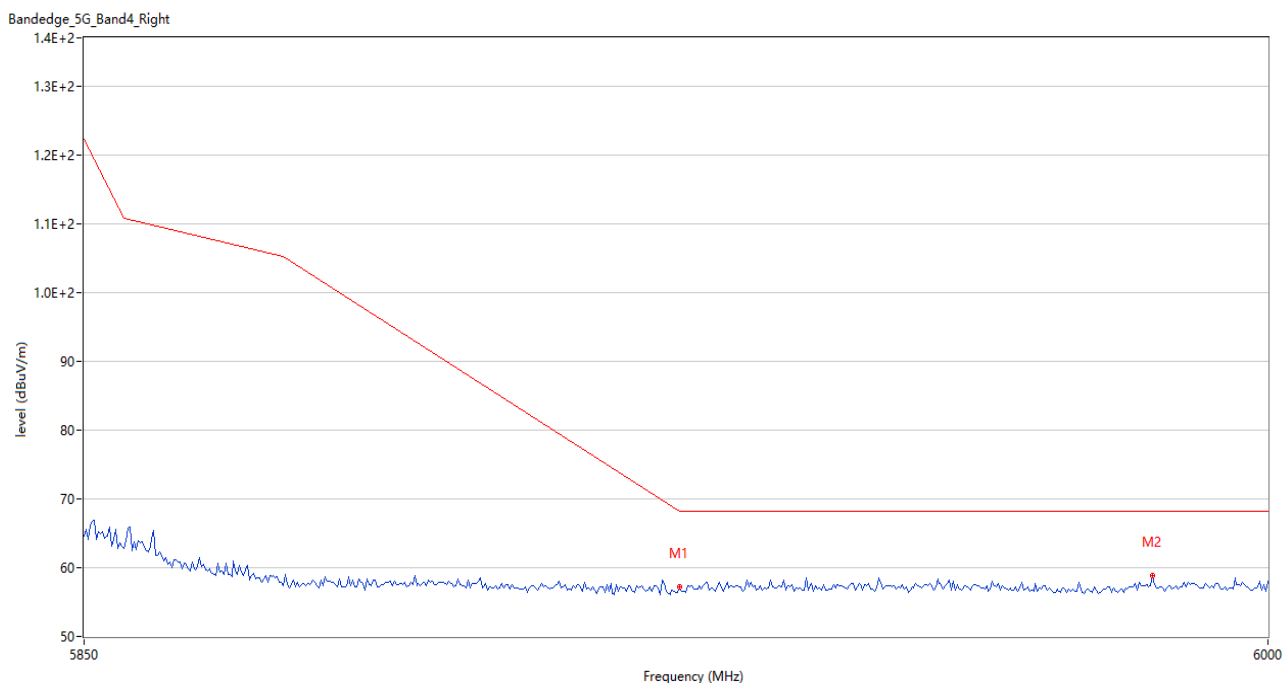
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.56	4.25	68.2	-11.64	Peak	182.00	150	Horizontal	Pass
2	5936.500	58.74	4.51	68.2	-9.46	Peak	264.00	150	Horizontal	Pass

U-NII-3 11n20 CH149



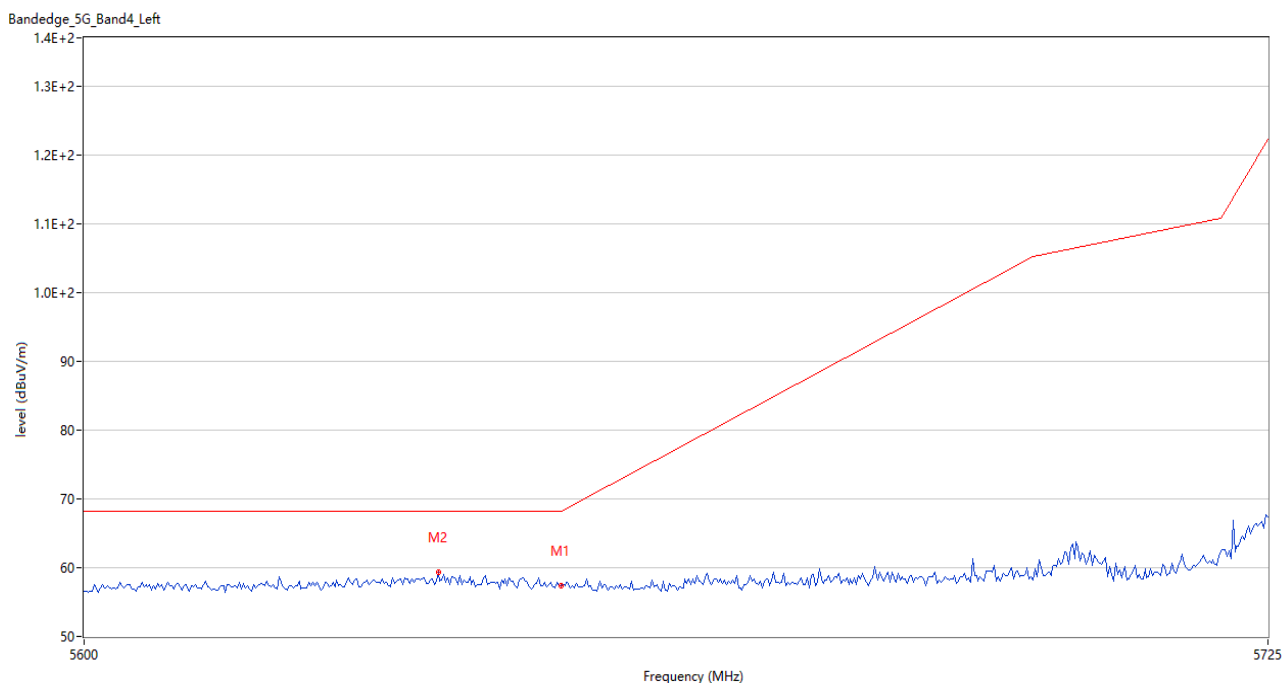
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.41	4.91	68.2	-10.79	Peak	106.00	150	Horizontal	Pass
2	5632.916	59.63	5.30	68.2	-8.57	Peak	36.00	150	Horizontal	Pass

U-NII-3 11n20 CH165



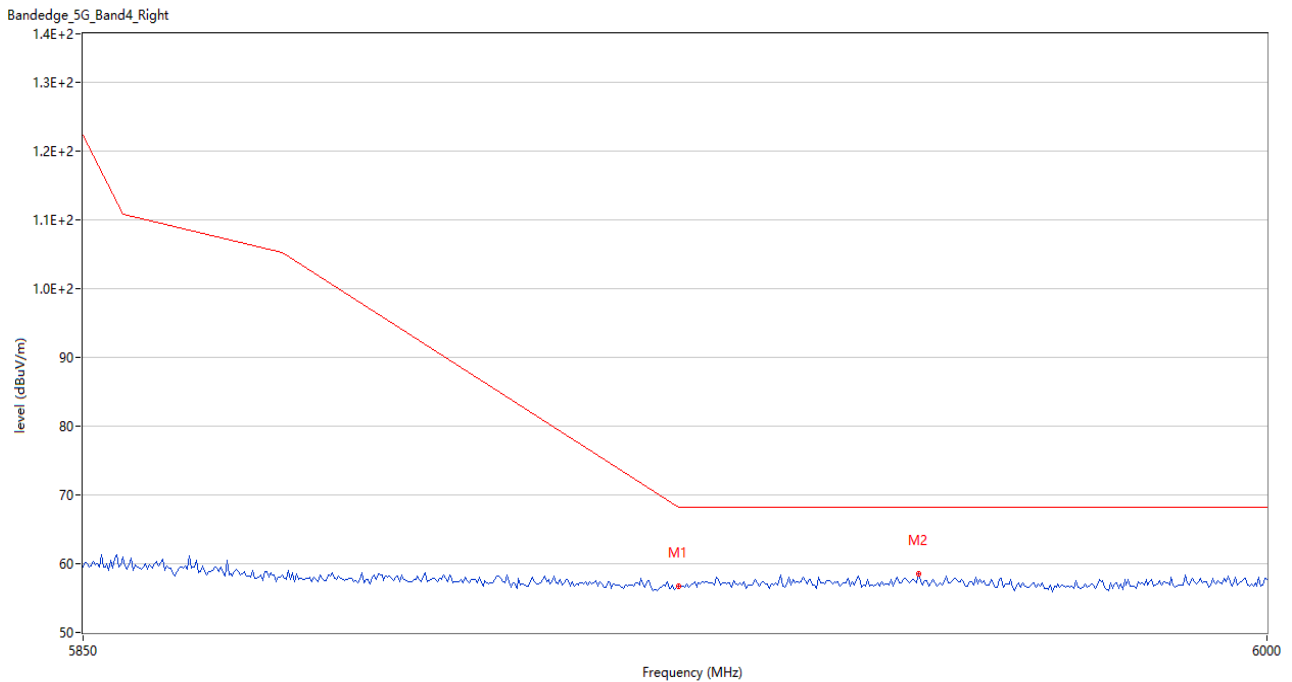
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.18	4.25	68.2	-11.02	Peak	141.00	150	Horizontal	Pass
2	5985.250	58.82	5.09	68.2	-9.38	Peak	302.00	150	Horizontal	Pass

U-NII-3 11n40 CH151



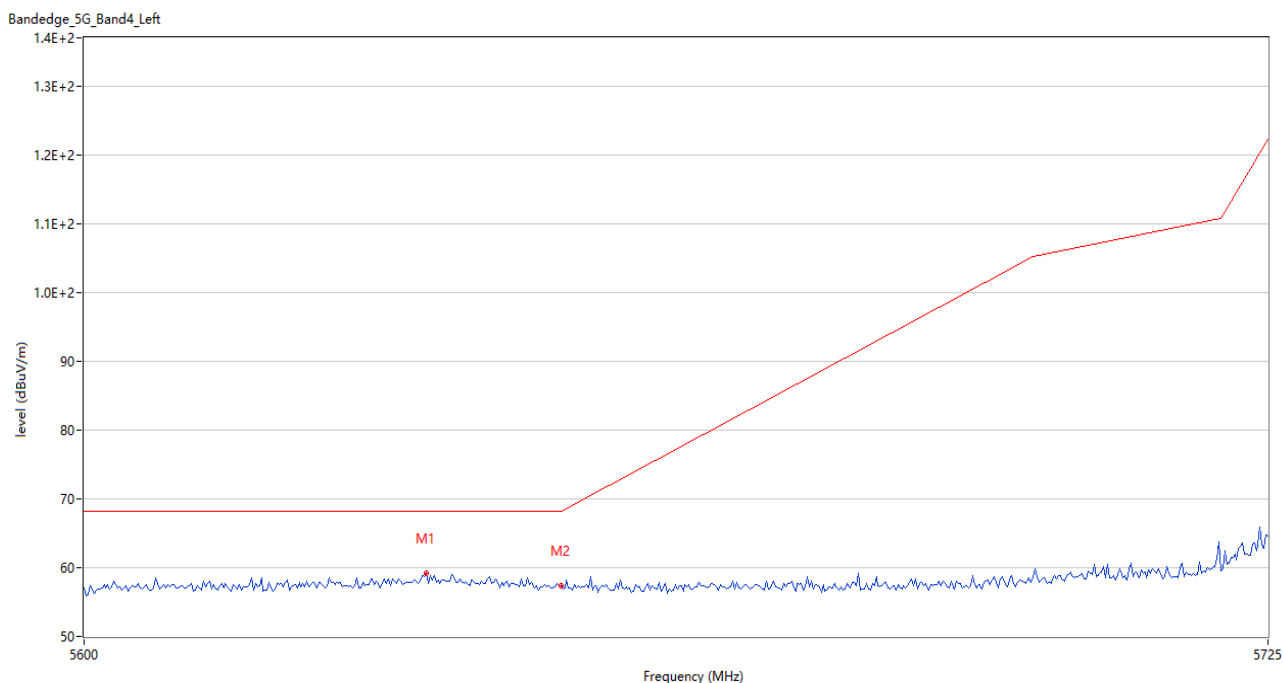
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.43	4.91	68.2	-10.77	Peak	82.00	150	Horizontal	Pass
2	5637.084	59.37	5.47	68.2	-8.83	Peak	342.00	150	Horizontal	Pass

U-NII-3 11n40 CH159



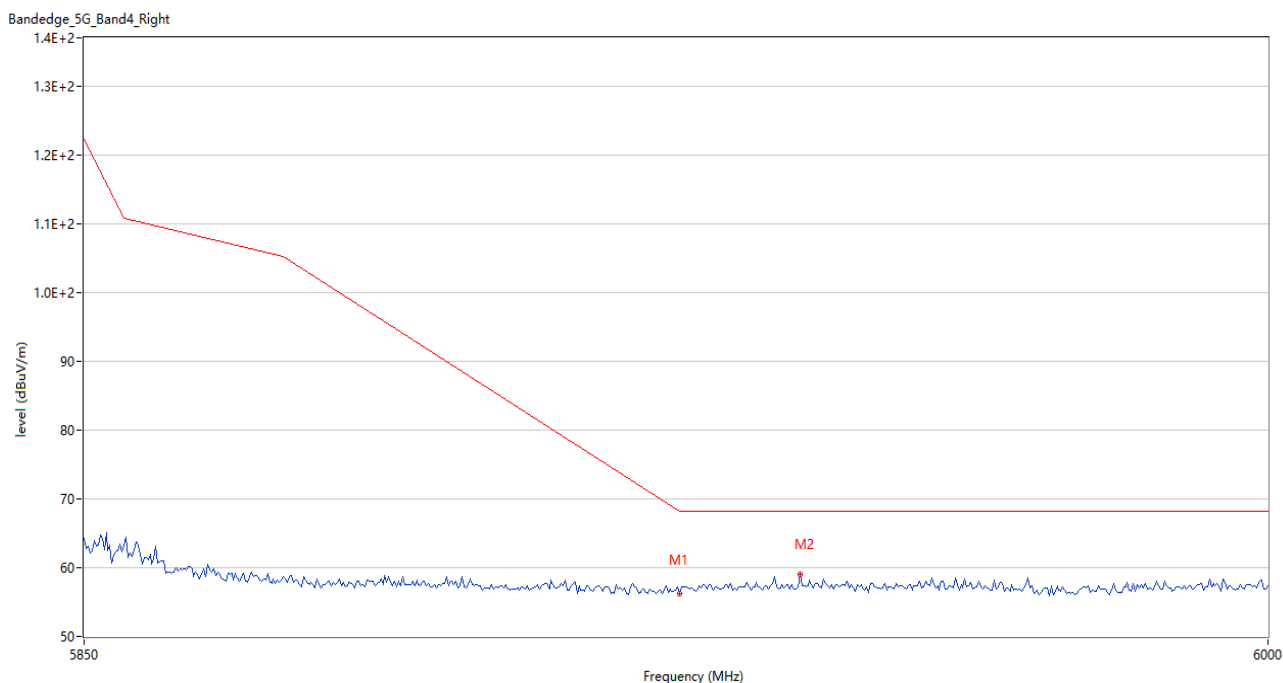
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.66	4.25	68.2	-11.54	Peak	191.00	150	Horizontal	Pass
2	5955.500	58.44	4.66	68.2	-9.76	Peak	250.00	150	Horizontal	Pass

U-NII-3 11ac20 CH149



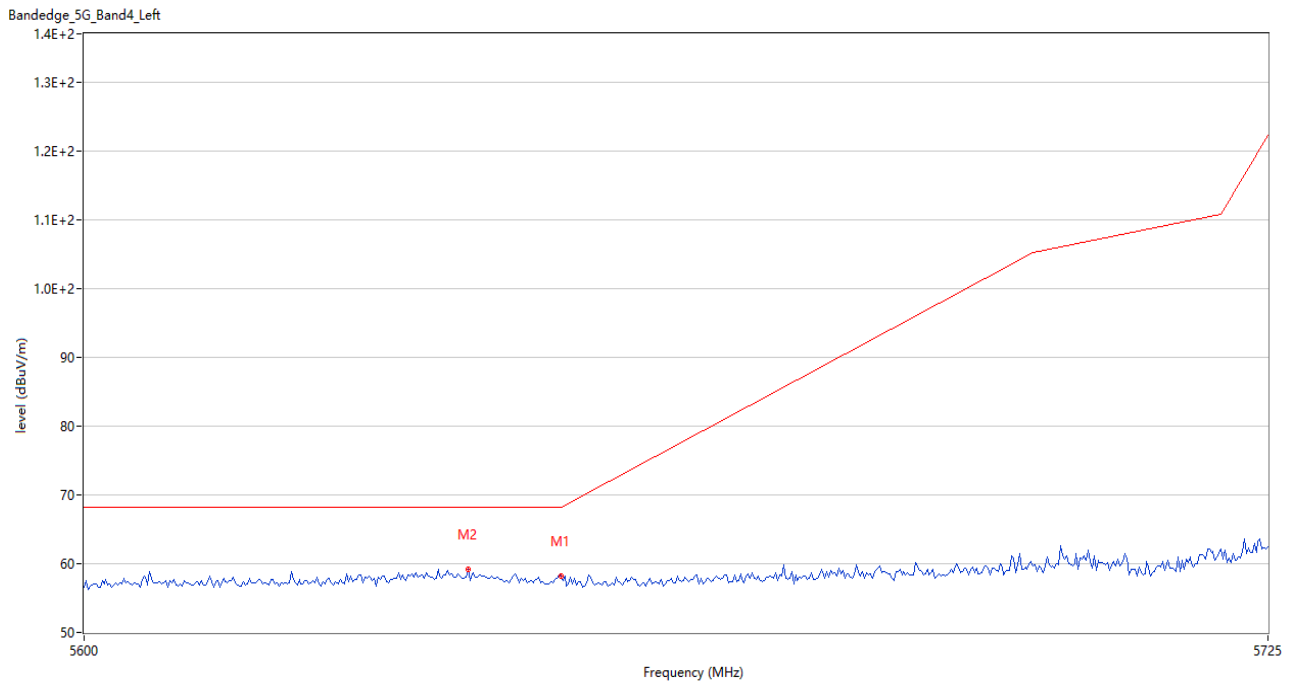
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5635.833	59.19	5.52	68.2	-9.01	Peak	199.00	150	Horizontal	Pass
2	5650.000	57.44	4.91	68.2	-10.76	Peak	23.00	150	Horizontal	Pass

U-NII-3 11ac20 CH165



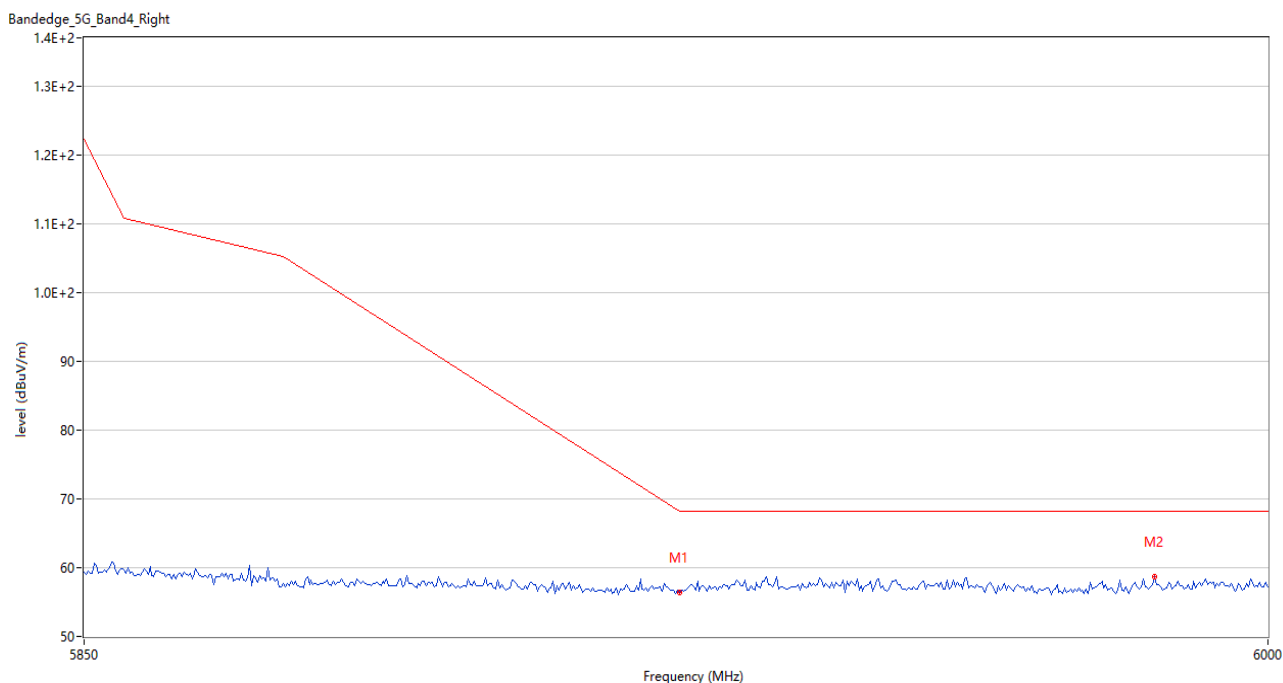
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.20	4.25	68.2	-12.00	Peak	67.00	150	Horizontal	Pass
2	5940.250	58.98	4.62	68.2	-9.22	Peak	87.00	150	Horizontal	Pass

U-NII-3 11ac40 CH151



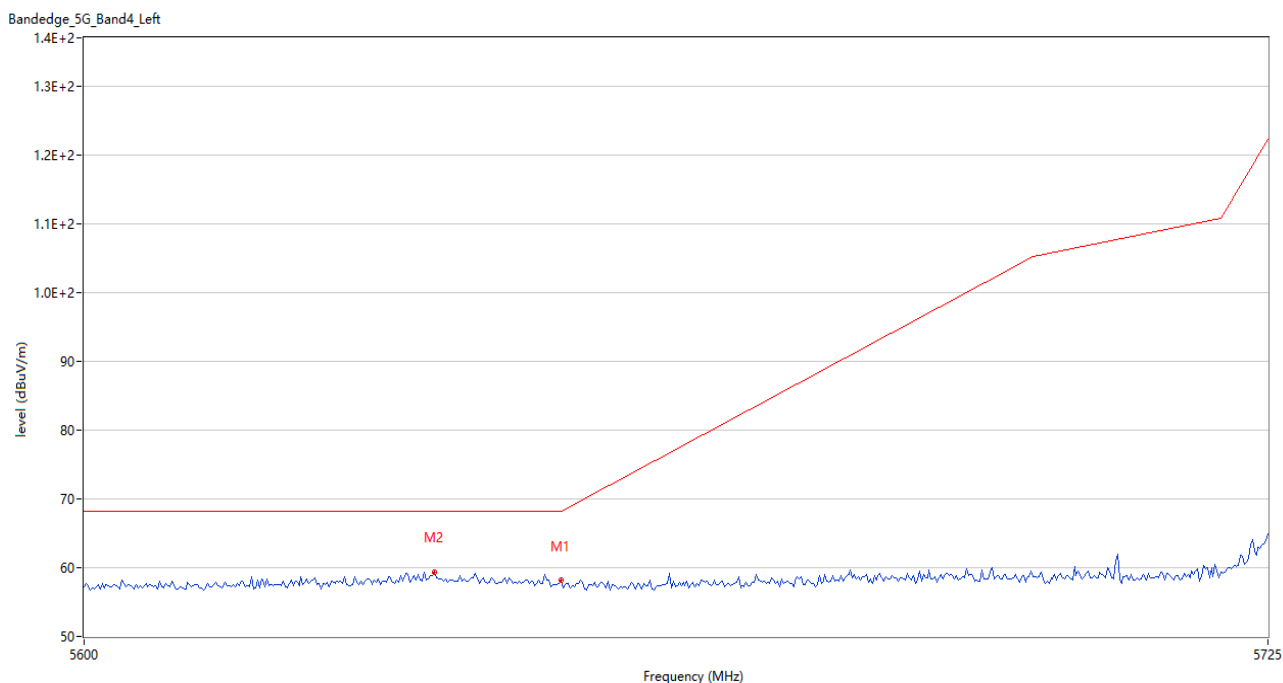
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	58.26	4.91	68.2	-9.94	Peak	202.00	150	Horizontal	Pass
2	5640.208	59.22	5.37	68.2	-8.98	Peak	28.00	150	Horizontal	Pass

U-NII-3 11ac40 CH159



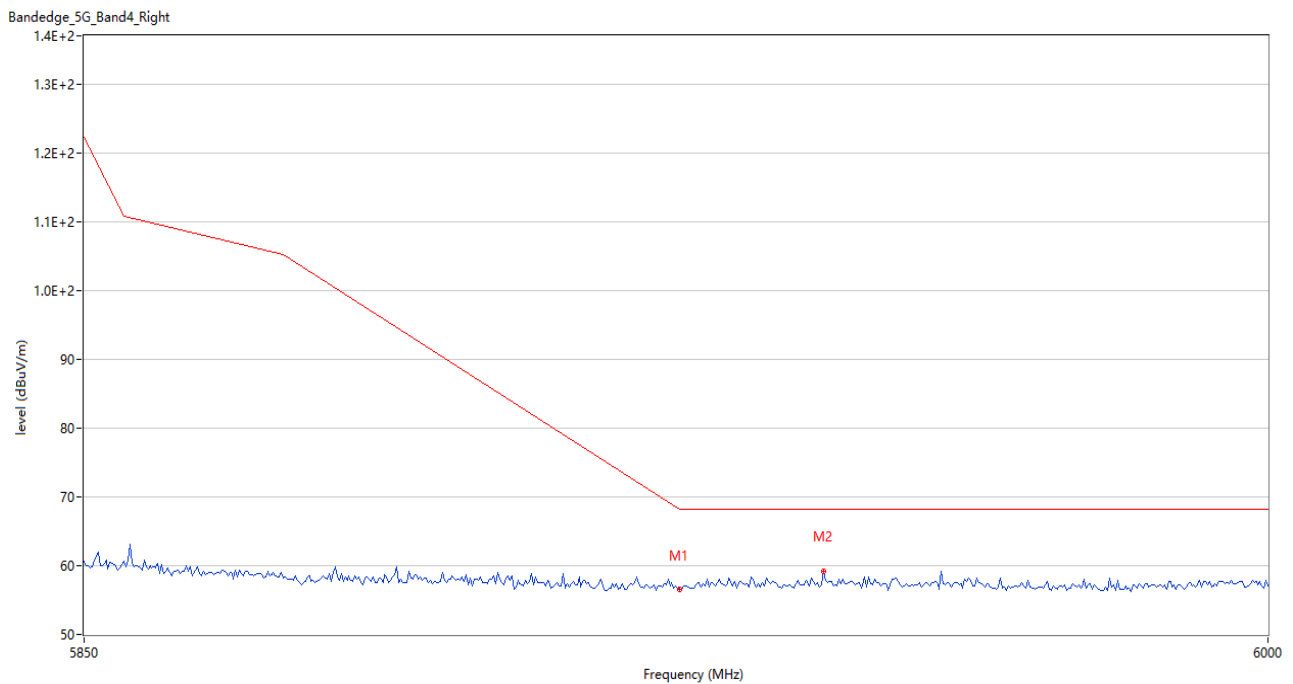
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.47	4.25	68.2	-11.73	Peak	102.00	150	Horizontal	Pass
2	5985.500	58.72	5.09	68.2	-9.48	Peak	359.00	150	Horizontal	Pass

U-NII-3 11ac80 CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	58.12	4.91	68.2	-10.08	Peak	241.00	150	Horizontal	Pass
2	5636.666	59.39	5.49	68.2	-8.81	Peak	335.00	150	Horizontal	Pass

U-NII-3 11ac80 CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.52	4.25	68.2	-11.68	Peak	89.00	150	Horizontal	Pass
2	5943.250	59.18	4.66	68.2	-9.02	Peak	13.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2220502-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2220502-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2220502-AI.PDF”.

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--END OF REPORT--