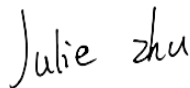


TEST REPORT

Applicant: TECHNO HORIZON CO., LTD.
Address: 2-13-1 Chikamatori Minami-ku, Nagoya, 457-0071, Japan
Equipment Type: DOCUMENT CAMERA
Model Name: TT-12Gex (refer section 2.4)
Brand Name: ELMO
FCC ID: X3XL-12G
ISED Number: 8804A-X3XL12G
Test Standard: 47 CFR Part 15 Subpart E
RSS-Gen Issue 5
RSS-247 Issue 2
(refer section 3.1)
Test Date: Mar. 11, 2022 - Mar. 31, 2022
Date of Issue: Jun. 30, 2022

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

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

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jun. 30, 2022</u>	<u>Initial Issue</u>

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1 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 West Road, Nanshan District, ShenZhen, GuangDong Province, 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 West Road, Nanshan District, ShenZhen, GuangDong Province, China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196. The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A.
Description	All measurement facilities used to collect the measurement data are located at Block B, 1/F, Baisha Science and Technology Park, Shahe West Road, Nanshan District, ShenZhen, GuangDong Province, China

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	TECHNO HORIZON CO., LTD.
Address	2-13-1 Chikamatori Minami-ku, Nagoya, 457-0071, Japan

2.2 Manufacturer Information

Manufacturer	TECHNO HORIZON CO., LTD.
Address	2-13-1 Chikamatori Minami-ku, Nagoya, 457-0071, Japan

2.3 Factory Information

Factory 1	AIDEN VIETNAM LIMITED
Address 1	Lot L5, Nam Sach Industrial Zone, Ai Quoc Ward, Hai Duong City, Hai Duong Province, Vietnam

Factory 2	Dongguan Shingi Electronics Co., Ltd.
Address 2	151 Naner Street Qiaodong Road, Shanhe Village, Qiaotou Town, Dongguan City, Guangdong Province, P.R. China

Factory 3	DONG GUAN XU JIN OPTICAL COMPANY LIMITED
Address 3	2nd Floor, No. 62 Jinghai East Road, Shatou Community, Changan Town, Dongguan City, Guang Dong Province, P.R. China

2.4 General Description for Equipment under Test (EUT)

EUT Name	DOCUMENT CAMERA	
Model Name Under Test	TT-12Gex	
Series Model Name	TT-12G	
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only with or without a LAN port.	
	No LAN port	TT-12G: Sold to North America
	Have LAN port	TT-12Gex: Sold to North America
Serial Number	6400001	
Hardware Version	V11.1	
Software Version	CAI-280-0000	
Dimensions (Approx.)	N/A	
Weight (Approx.)	N/A	

2.5 Technical Information

Network and Wireless connectivity	2.4G WIFI 802.11b, 802.11g, 802.11n(HT20) 5G WIFI 802.11a, 802.11n(20/40), 802.11ac(VHT20/40/80) and U-NII-1/2A/2C/3
-----------------------------------	---

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	Indoor for IC standard Mobile for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 18.74 dBm U-NII-2A: 18.95 dBm U-NII-2C: 18.55 dBm U-NII-3: 18.16 dBm
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 4.09 dBi U-NII-2A: 5250 MHz to 5350 MHz: 4.81 dBi U-NII-2C: 5470 MHz to 5725 MHz: 5.41 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.53 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 DOCUMET CAMERA, 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.
------	--

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	HiTool		
Support Units (Software installation media)	Description	Manufacturer	Model
	Notebook	Lenovo	X220

U-NII-1 (5150 - 5250 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH36	5180	16.00
11a	CH44	5220	17.00
11a	CH48	5240	17.00
11n (HT20)	CH36	5180	15.00
11n (HT20)	CH44	5220	17.00
11n (HT20)	CH48	5240	17.00
11n (HT40)	CH38	5190	13.00
11n (HT40)	CH46	5230	17.00
11ac (VHT20)	CH36	5180	13.00
11ac (VHT20)	CH44	5220	17.00
11ac (VHT20)	CH48	5240	17.00
11ac (VHT40)	CH38	5190	14.00
11ac (VHT40)	CH46	5230	17.00
11ac (VHT80)	CH42	5210	9.00

U-NII-2A (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH52	5260	17.00
11a	CH60	5300	17.00
11a	CH64	5320	14.00
11n (HT20)	CH52	5260	17.00
11n (HT20)	CH60	5300	17.00
11n (HT20)	CH64	5320	15.00
11n (HT40)	CH54	5270	17.00
11n (HT40)	CH62	5310	11.00
11ac (VHT20)	CH52	5260	17.00
11ac (VHT20)	CH60	5300	17.00
11ac (VHT20)	CH64	5320	15.00
11ac (VHT40)	CH54	5270	17.00
11ac (VHT40)	CH62	5310	11.00
11ac (VHT80)	CH58	5290	9.00

U-NII-2C (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH100	5500	16.00
11a	CH116	5580	17.00
11a	CH140	5700	15.00
11n (HT20)	CH100	5500	16.00
11n (HT20)	CH116	5580	17.00
11n (HT20)	CH140	5700	16.00
11n (HT40)	CH102	5510	13.00
11n (HT40)	CH118	5590	17.00
11n (HT40)	CH134	5670	17.00
11ac (VHT20)	CH100	5500	16.00
11ac (VHT20)	CH116	5580	17.00
11ac (VHT20)	CH140	5700	15.00
11ac (VHT40)	CH102	5510	14.00
11ac (VHT40)	CH118	5590	17.00
11ac (VHT40)	CH134	5670	17.00
11ac (VHT80)	CH106	5530	13.00
11ac (VHT80)	CH122	5610	17.00

U-NII-3 (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH149	5745	16.00
11a	CH157	5785	16.00
11a	CH165	5825	16.00
11n (HT20)	CH149	5745	16.00
11n (HT20)	CH157	5785	16.00
11n (HT20)	CH165	5825	16.00
11n (HT40)	CH151	5755	16.00
11n (HT40)	CH159	5795	16.00
11ac (VHT20)	CH149	5745	16.00
11ac (VHT20)	CH157	5785	16.00
11ac (VHT20)	CH165	5825	16.00
11ac (VHT40)	CH151	5755	16.00
11ac (VHT40)	CH159	5795	16.00
11ac (VHT80)	CH155	5775	16.00

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				

Note: This report equipment will not transmit in the 5600-5650 MHz frequency band when used in Canada. This restriction is to protect weather radars operating in this frequency band.

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	RSS-Gen Issue 5	General Requirements for Compliance of Radio Apparatus
3	RSS-247 Issue 2	Digital Transmission Systems (DTSs), Frequency Hopping Systems(FHSs) and Licence-Exemp Local Area Network (LE-LAN) Devices
4	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
5	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	RSS Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	RSS-247, 6.2	--	Pass ^{Note1}
2	RF Output Power	15.407(a)	RSS-247, 6.2	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	RSS-247, 6.2	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	RSS-247, 6.2	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	RSS-247, 6.2	ANNEX A.4	Pass
6	Conducted Emission	15.207	RSS-GEN, 8.8	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	RSS-247, 6.2	ANNEX A.6	Pass
8	Receiver Spurious Emissions	--	RSS-Gen, 7.1.2	--	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)	-20°C
	HT (High Temperature)	+80°C
Working Voltage of the EUT	NV (Normal Voltage)	12 V
	LV (Low Voltage)	10 V
	HV (High Voltage)	13 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
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	2021.09.04	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%

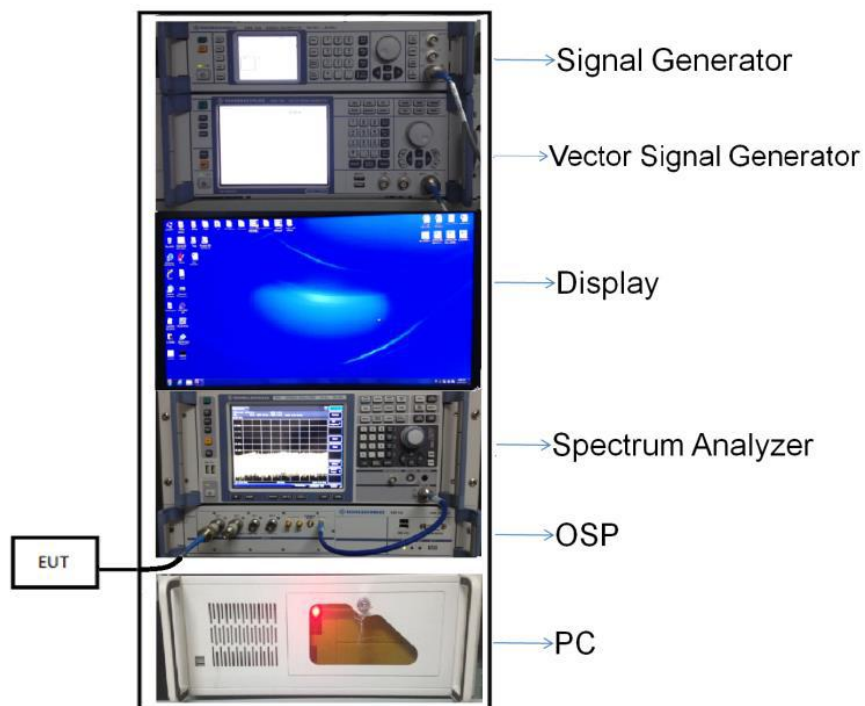
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

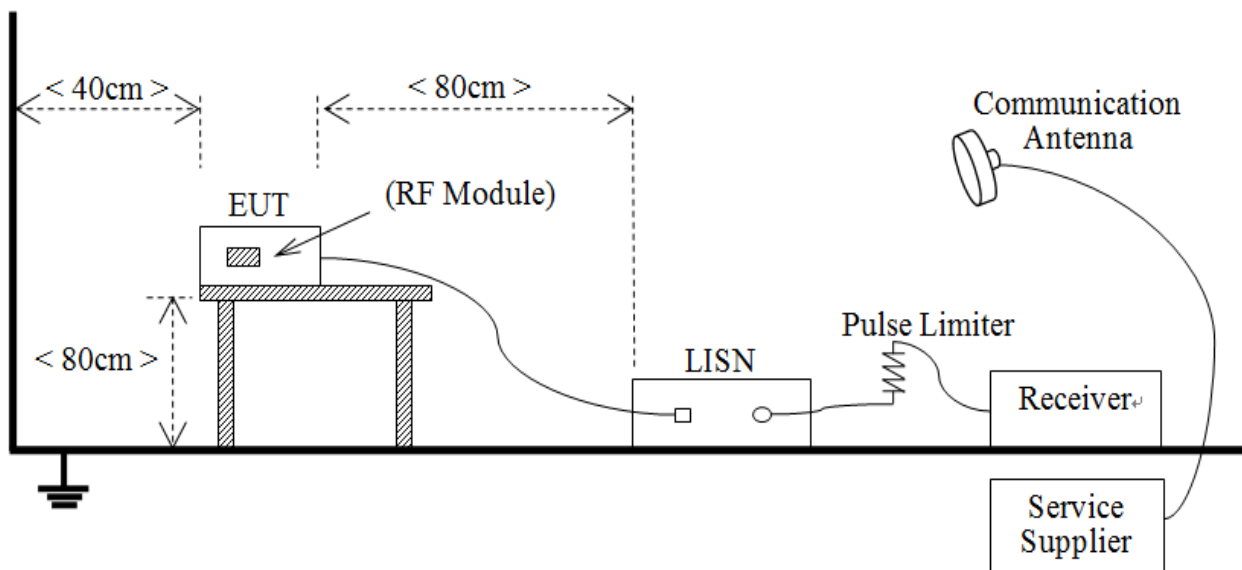
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



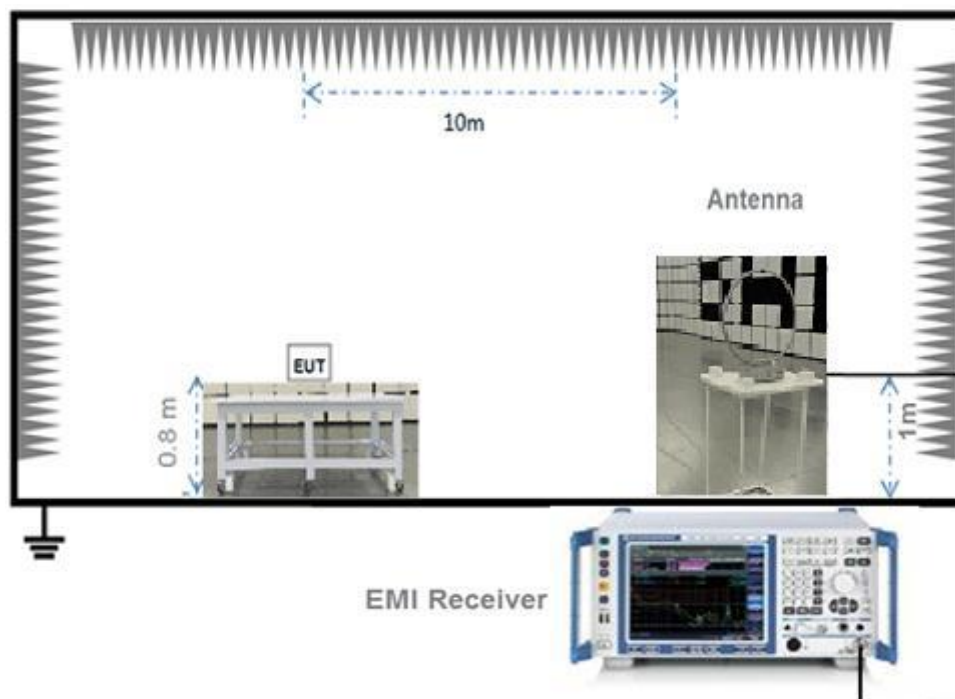
(Diagram 1)

4.5.2 For AC Power Supply Port Test



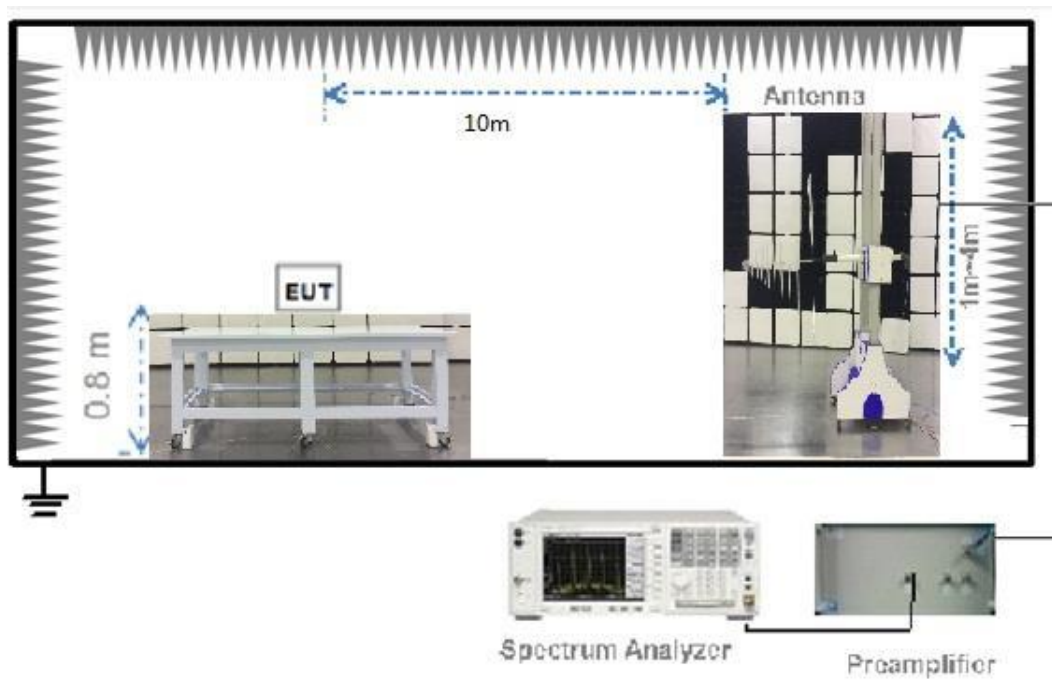
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



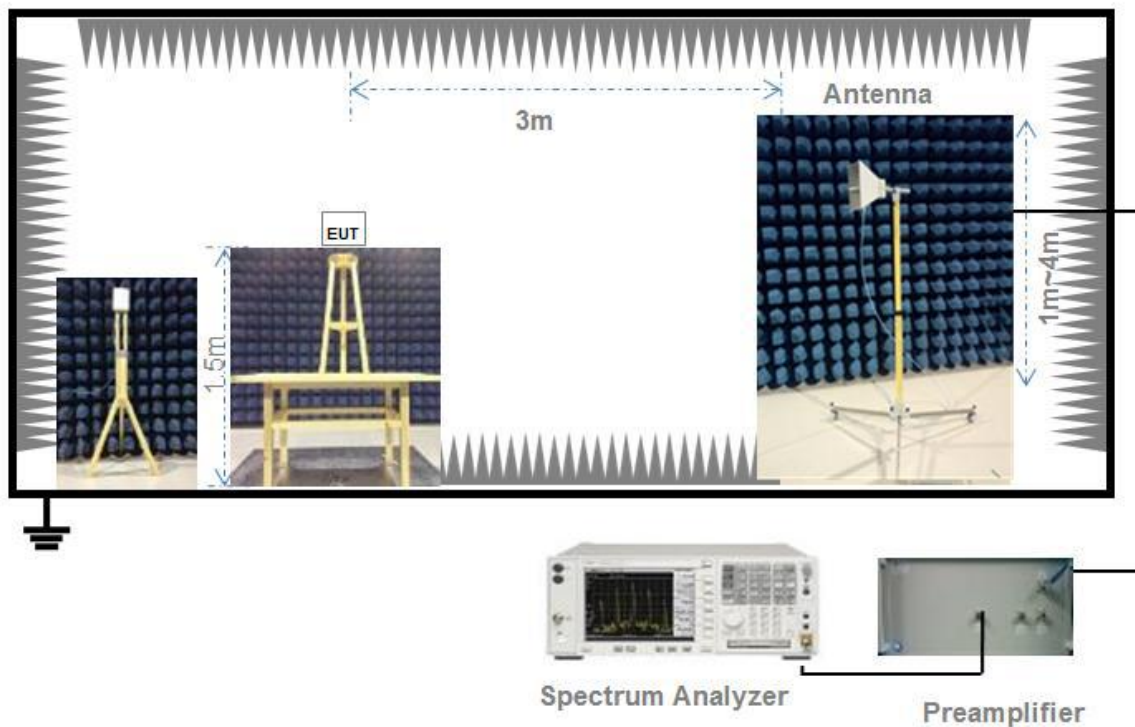
(Diagram 3)

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.	

RSS-247, 6.2

The maximum conducted output power shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	N/A
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 99% emissions bandwidth in MHz.	

The maximum e.i.r.p. shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	200 mW or 10 dBm + 10log B, whichever is less.
5250-5350	1W or 17 dBm + 10log B, whichever is less.
5470-5725	1W or 17 dBm + 10log B, whichever is less.
5725-5850	N/A
Note: Where “B” is the 99% 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), RSS-247, 6.2

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

The e.i.r.p. spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	10 dBm/MHz
5250-5350	N/A
5470-5725	N/A
5725-5850	N/A

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, RSS-GEN, 8.8

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)

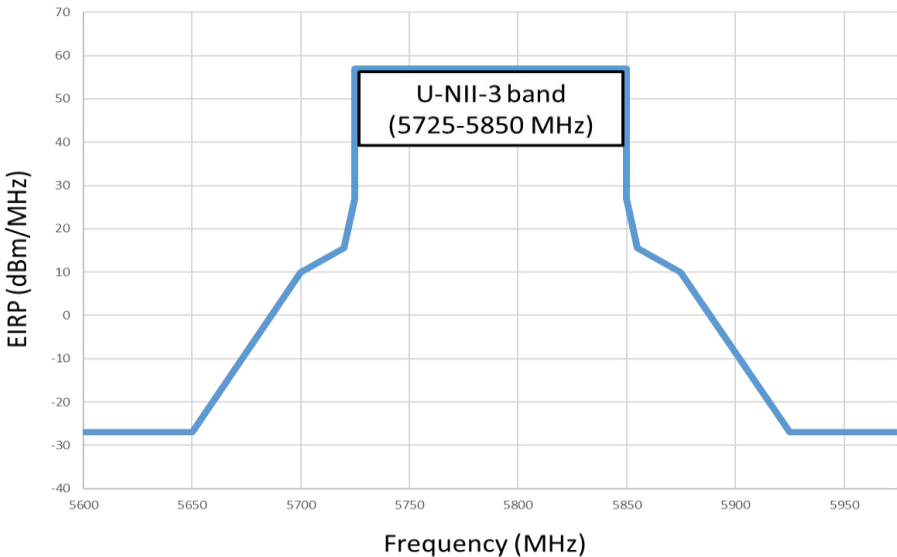
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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: For IC standard, the U-NII-3 (5725 - 5850 MHz) maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	1.40	1.44	97.01%
11n (HT20)/11ac (VHT20)	1.31	1.36	96.76%
11n (HT40)/11ac (VHT40)	0.67	0.70	95.46%
11ac (VHT80)	0.32	0.37	88.21%

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	17.73	59.29	250	Pass
11a	CH44	18.74	74.82	250	Pass
11a	CH48	18.64	73.11	250	Pass
11n (HT20)	CH36	16.34	43.05	250	Pass
11n (HT20)	CH44	18.08	64.27	250	Pass
11n (HT20)	CH48	18.25	66.83	250	Pass
11n (HT40)	CH38	14.32	27.04	250	Pass
11n (HT40)	CH46	18.12	64.86	250	Pass
11ac (VHT20)	CH36	14.46	27.93	250	Pass
11ac (VHT20)	CH44	18.14	65.16	250	Pass
11ac (VHT20)	CH48	18.11	64.71	250	Pass
11ac (VHT40)	CH38	15.34	34.20	250	Pass
11ac (VHT40)	CH46	18.12	64.86	250	Pass
11ac (VHT80)	CH42	10.43	11.04	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	18.95	78.52	250	Pass
11a	CH60	18.70	74.13	250	Pass
11a	CH64	16.25	42.17	250	Pass
11n (HT20)	CH52	18.19	65.92	250	Pass
11n (HT20)	CH60	18.26	66.99	250	Pass
11n (HT20)	CH64	16.95	49.55	250	Pass
11n (HT40)	CH54	18.31	67.76	250	Pass
11n (HT40)	CH62	12.88	19.41	250	Pass
11ac (VHT20)	CH52	18.70	74.13	250	Pass
11ac (VHT20)	CH60	18.51	70.96	250	Pass
11ac (VHT20)	CH64	16.90	48.98	250	Pass
11ac (VHT40)	CH54	18.72	74.47	250	Pass
11ac (VHT40)	CH62	12.85	19.28	250	Pass
11ac (VHT80)	CH58	10.80	12.02	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	17.79	60.12	250	Pass
11a	CH116	18.55	71.61	250	Pass
11a	CH140	15.24	33.42	250	Pass
11n (HT20)	CH100	17.42	55.21	250	Pass
11n (HT20)	CH116	18.18	65.77	250	Pass
11n (HT20)	CH140	15.89	38.82	250	Pass
11n (HT40)	CH102	14.69	29.44	250	Pass
11n (HT40)	CH118	17.53	56.62	250	Pass
11n (HT40)	CH134	17.45	55.59	250	Pass
11ac (VHT20)	CH100	17.41	55.08	250	Pass
11ac (VHT20)	CH116	18.23	66.53	250	Pass
11ac (VHT20)	CH140	14.89	30.83	250	Pass
11ac (VHT40)	CH102	15.70	37.15	250	Pass
11ac (VHT40)	CH118	18.17	65.61	250	Pass
11ac (VHT40)	CH134	17.45	55.59	250	Pass
11ac (VHT80)	CH106	14.27	26.73	250	Pass
11ac (VHT80)	CH122	17.82	60.53	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.58	57.28	1000	Pass
11a	CH157	17.81	60.39	1000	Pass
11a	CH165	17.06	50.82	1000	Pass
11n (HT20)	CH149	18.11	64.71	1000	Pass
11n (HT20)	CH157	17.76	59.70	1000	Pass
11n (HT20)	CH165	16.70	46.77	1000	Pass
11n (HT40)	CH151	16.78	47.64	1000	Pass
11n (HT40)	CH159	16.84	48.31	1000	Pass
11ac (VHT20)	CH149	18.07	64.12	1000	Pass
11ac (VHT20)	CH157	17.77	59.84	1000	Pass
11ac (VHT20)	CH165	16.69	46.67	1000	Pass
11ac (VHT40)	CH151	18.16	65.46	1000	Pass
11ac (VHT40)	CH159	17.55	56.89	1000	Pass
11ac (VHT80)	CH155	17.61	57.68	1000	Pass

E.I.R.P

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH36	21.82	152.05	168	Pass
11a	CH44	22.83	191.87	167	Pass
11a	CH48	22.73	187.50	167	Pass
11n (HT20)	CH36	20.43	110.41	180	Pass
11n (HT20)	CH44	22.17	164.82	179	Pass
11n (HT20)	CH48	22.34	171.40	179	Pass
11n (HT40)	CH38	18.41	69.34	200	Pass
11n (HT40)	CH46	22.21	166.34	200	Pass
11ac (VHT20)	CH36	18.55	71.61	179	Pass
11ac (VHT20)	CH44	22.23	167.11	179	Pass
11ac (HVT20)	CH48	22.20	165.96	179	Pass
11ac (VHT40)	CH38	19.43	87.70	200	Pass
11ac (VHT40)	CH46	22.21	166.34	200	Pass
11ac (VHT80)	CH42	14.52	28.31	200	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH52	23.76	237.68	838	Pass
11a	CH60	23.51	224.39	835	Pass
11a	CH64	21.06	127.64	835	Pass
11n (HT20)	CH52	23.00	199.53	897	Pass
11n (HT20)	CH60	23.07	202.77	897	Pass
11n (HT20)	CH64	21.76	149.97	897	Pass
11n (HT40)	CH54	23.12	205.12	1000	Pass
11n (HT40)	CH62	17.69	58.75	1000	Pass
11ac (VHT20)	CH52	23.51	224.39	898	Pass
11ac (VHT20)	CH60	23.32	214.78	897	Pass
11ac (HVT20)	CH64	21.71	148.25	896	Pass
11ac (VHT40)	CH54	23.53	225.42	1000	Pass
11ac (VHT40)	CH62	17.66	58.34	1000	Pass
11ac (VHT80)	CH58	15.61	36.39	1000	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	E.I.R.P Limit (mW)	Verdict
11a	CH100	23.20	208.93	835	Pass
11a	CH116	23.96	248.89	837	Pass
11a	CH140	20.65	116.14	838	Pass
11n (HT20)	CH100	22.83	191.87	896	Pass
11n (HT20)	CH116	23.59	228.56	896	Pass
11n (HT20)	CH140	21.30	134.90	898	Pass
11n (HT40)	CH102	20.10	102.33	1000	Pass
11n (HT40)	CH118	22.94	196.79	1000	Pass
11n (HT40)	CH134	22.86	193.20	1000	Pass
11ac (VHT20)	CH100	22.82	191.43	895	Pass
11ac (VHT20)	CH116	23.64	231.21	896	Pass
11ac (VHT20)	CH140	20.30	107.15	896	Pass
11ac (VHT40)	CH102	21.11	129.12	1000	Pass
11ac (VHT40)	CH118	23.58	228.03	1000	Pass
11ac (VHT40)	CH134	22.86	193.20	1000	Pass
11ac (VHT80)	CH106	19.68	92.90	1000	Pass
11ac (VHT80)	CH122	23.23	210.38	1000	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	E.I.R.P (dBm)	E.I.R.P (mW)	Verdict
11a	CH149	20.11	102.57	Pass
11a	CH157	20.34	108.14	Pass
11a	CH165	19.59	90.99	Pass
11n (HT20)	CH149	20.64	115.88	Pass
11n (HT20)	CH157	20.29	106.91	Pass
11n (HT20)	CH165	19.23	83.75	Pass
11n (HT40)	CH151	19.31	85.31	Pass
11n (HT40)	CH159	19.37	86.50	Pass
11ac (VHT20)	CH149	20.60	114.82	Pass
11ac (VHT20)	CH157	20.30	107.15	Pass
11ac (VHT20)	CH165	19.22	83.56	Pass
11ac (VHT40)	CH151	20.69	117.22	Pass
11ac (VHT40)	CH159	20.08	101.86	Pass
11ac (VHT80)	CH155	20.14	103.28	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2230357-602 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	23.86	16.81
11a	CH44	23.05	16.69
11a	CH48	21.64	16.69
11n (HT20)	CH36	25.31	17.95
11n (HT20)	CH44	26.02	17.94
11n (HT20)	CH48	26.20	17.94
11n (HT40)	CH38	55.45	36.49
11n (HT40)	CH46	54.96	36.47
11ac (VHT20)	CH36	25.86	17.93
11ac (VHT20)	CH44	26.21	17.90
11ac (VHT20)	CH48	25.57	17.86
11ac (VHT40)	CH38	53.37	36.49
11ac (VHT40)	CH46	51.21	36.44
11ac (VHT80)	CH42	101.30	75.98

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	22.37	16.72
11a	CH60	22.05	16.67
11a	CH64	22.16	16.67
11n (HT20)	CH52	25.55	17.91
11n (HT20)	CH60	25.66	17.90
11n (HT20)	CH64	25.63	17.90
11n (HT40)	CH54	53.81	36.41
11n (HT40)	CH62	55.33	36.39
11ac (VHT20)	CH52	25.74	17.92
11ac (VHT20)	CH60	24.17	17.91
11ac (VHT20)	CH64	24.15	17.88
11ac (VHT40)	CH54	50.60	36.39
11ac (VHT40)	CH62	51.45	36.40
11ac (VHT80)	CH58	101.30	75.93

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	21.26	16.67
11a	CH116	22.60	16.70
11a	CH140	22.08	16.72
11n (HT20)	CH100	24.31	17.87
11n (HT20)	CH116	23.90	17.88
11n (HT20)	CH140	24.44	17.91
11n (HT40)	CH102	53.01	36.33
11n (HT40)	CH118	53.44	36.40
11n (HT40)	CH134	53.35	36.43
11ac (VHT20)	CH100	26.45	17.85
11ac (VHT20)	CH116	24.78	17.89
11ac (VHT20)	CH140	25.71	17.88
11ac (VHT40)	CH102	47.74	36.30
11ac (VHT40)	CH118	50.03	36.36
11ac (VHT40)	CH134	54.49	36.42
11ac (VHT80)	CH106	89.26	75.64
11ac (VHT80)	CH122	90.64	75.74

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	27.08	17.05
11a	CH157	29.02	17.18
11a	CH165	27.57	17.14
11n (HT20)	CH149	29.09	18.07
11n (HT20)	CH157	30.16	18.27
11n (HT20)	CH165	30.08	18.17
11n (HT40)	CH151	58.30	36.74
11n (HT40)	CH159	63.81	38.04
11ac (VHT20)	CH149	29.13	18.09
11ac (VHT20)	CH157	29.58	18.22
11ac (VHT20)	CH165	29.51	18.14
11ac (VHT40)	CH151	60.39	36.78
11ac (VHT40)	CH159	62.67	37.94
11ac (VHT80)	CH155	118.60	77.24

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2230357-602 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.80	500.00	Pass
11a	CH157	15.50	500.00	Pass
11a	CH165	15.50	500.00	Pass
11n (HT20)	CH149	15.25	500.00	Pass
11n (HT20)	CH157	15.80	500.00	Pass
11n (HT20)	CH165	15.25	500.00	Pass
11n (HT40)	CH151	35.25	500.00	Pass
11n (HT40)	CH159	35.45	500.00	Pass
11ac (VHT20)	CH149	16.10	500.00	Pass
11ac (VHT20)	CH157	15.25	500.00	Pass
11ac (VHT20)	CH165	15.45	500.00	Pass
11ac (VHT40)	CH151	35.45	500.00	Pass
11ac (VHT40)	CH159	35.45	500.00	Pass
11ac (VHT80)	CH155	75.25	500.00	Pass

A.4 Power Spectral Density

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2230357-602 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	7.82	11.00	Pass
11a	CH44	9.31	11.00	Pass
11a	CH48	9.51	11.00	Pass
11n (HT20)	CH36	6.26	11.00	Pass
11n (HT20)	CH44	8.60	11.00	Pass
11n (HT20)	CH48	8.95	11.00	Pass
11n (HT40)	CH38	1.20	11.00	Pass
11n (HT40)	CH46	5.85	11.00	Pass
11ac (VHT20)	CH36	4.31	11.00	Pass
11ac (VHT20)	CH44	8.50	11.00	Pass
11ac (VHT20)	CH48	8.91	11.00	Pass
11ac (VHT40)	CH38	2.34	11.00	Pass
11ac (VHT40)	CH46	5.79	11.00	Pass
11ac (VHT80)	CH42	-5.75	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	9.41	11.00	Pass
11a	CH60	9.30	11.00	Pass
11a	CH64	6.43	11.00	Pass
11n (HT20)	CH52	8.76	11.00	Pass
11n (HT20)	CH60	8.70	11.00	Pass
11n (HT20)	CH64	6.83	11.00	Pass
11n (HT40)	CH54	5.98	11.00	Pass
11n (HT40)	CH62	-0.25	11.00	Pass
11ac (VHT20)	CH52	8.96	11.00	Pass
11ac (VHT20)	CH60	8.78	11.00	Pass
11ac (VHT20)	CH64	6.89	11.00	Pass
11ac (VHT40)	CH54	5.94	11.00	Pass
11ac (VHT40)	CH62	-0.19	11.00	Pass
11ac (VHT80)	CH58	-5.43	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	7.98	11.00	Pass
11a	CH116	8.84	11.00	Pass
11a	CH140	5.33	11.00	Pass
11n (HT20)	CH100	7.54	11.00	Pass
11n (HT20)	CH116	8.11	11.00	Pass
11n (HT20)	CH140	7.04	11.00	Pass
11n (HT40)	CH102	1.68	11.00	Pass
11n (HT40)	CH118	5.33	11.00	Pass
11n (HT40)	CH134	4.69	11.00	Pass
11ac (VHT20)	CH100	7.40	11.00	Pass
11ac (VHT20)	CH116	8.30	11.00	Pass
11ac (VHT20)	CH140	4.79	11.00	Pass
11ac (VHT40)	CH102	2.68	11.00	Pass
11ac (VHT40)	CH118	5.44	11.00	Pass
11ac (VHT40)	CH134	4.89	11.00	Pass
11ac (VHT80)	CH106	-1.76	11.00	Pass
11ac (VHT80)	CH122	2.21	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	5.92	30.00	Pass
11a	CH157	4.40	30.00	Pass
11a	CH165	5.12	30.00	Pass
11n (HT20)	CH149	5.30	30.00	Pass
11n (HT20)	CH157	3.93	30.00	Pass
11n (HT20)	CH165	4.56	30.00	Pass
11n (HT40)	CH151	2.10	30.00	Pass
11n (HT40)	CH159	1.18	30.00	Pass
11ac (VHT20)	CH149	5.42	30.00	Pass
11ac (VHT20)	CH157	3.94	30.00	Pass
11ac (VHT20)	CH165	4.65	30.00	Pass
11ac (VHT40)	CH151	2.17	30.00	Pass
11ac (VHT40)	CH159	1.57	30.00	Pass
11ac (VHT80)	CH155	-2.58	30.00	Pass

E.I.R.P PSD

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	E.I.R.P Limit (dBm/MHz)	Verdict
11a	CH36	11.91	10.00	Pass
11a	CH44	13.40	10.00	Pass
11a	CH48	13.60	10.00	Pass
11n (HT20)	CH36	10.35	10.00	Pass
11n (HT20)	CH44	12.69	10.00	Pass
11n (HT20)	CH48	13.04	10.00	Pass
11n (HT40)	CH38	5.29	10.00	Pass
11n (HT40)	CH46	9.94	10.00	Pass
11ac (VHT20)	CH36	8.40	10.00	Pass
11ac (VHT20)	CH44	12.59	10.00	Pass
11ac (VHT20)	CH48	13.00	10.00	Pass
11ac (VHT40)	CH38	6.43	10.00	Pass
11ac (VHT40)	CH46	9.88	10.00	Pass
11ac (VHT80)	CH42	-1.66	10.00	Pass

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH52	14.22	Pass
11a	CH60	14.12	Pass
11a	CH64	11.24	Pass
11n (HT20)	CH52	13.57	Pass
11n (HT20)	CH60	13.51	Pass
11n (HT20)	CH64	11.64	Pass
11n (HT40)	CH54	10.79	Pass
11n (HT40)	CH62	4.56	Pass
11ac (VHT20)	CH52	13.77	Pass
11ac (VHT20)	CH60	13.59	Pass
11ac (VHT20)	CH64	11.70	Pass
11ac (VHT40)	CH54	10.75	Pass
11ac (VHT40)	CH62	4.62	Pass
11ac (VHT80)	CH58	-0.62	Pass

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH100	13.39	Pass
11a	CH116	14.25	Pass
11a	CH140	10.74	Pass
11n (HT20)	CH100	12.95	Pass
11n (HT20)	CH116	13.52	Pass
11n (HT20)	CH140	12.45	Pass
11n (HT40)	CH102	7.09	Pass
11n (HT40)	CH118	10.74	Pass
11n (HT40)	CH134	10.10	Pass
11ac (VHT20)	CH100	12.81	Pass
11ac (VHT20)	CH116	13.71	Pass
11ac (VHT20)	CH140	10.20	Pass
11ac (VHT40)	CH102	8.09	Pass
11ac (VHT40)	CH118	10.85	Pass
11ac (VHT40)	CH134	10.30	Pass
11ac (VHT80)	CH106	3.65	Pass
11ac (VHT80)	CH122	7.62	Pass

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	PSD (dBm/MHz)	Verdict
11a	CH149	8.45	Pass
11a	CH157	6.93	Pass
11a	CH165	7.65	Pass
11n (HT20)	CH149	7.83	Pass
11n (HT20)	CH157	6.46	Pass
11n (HT20)	CH165	7.09	Pass
11n (HT40)	CH151	4.63	Pass
11n (HT40)	CH159	3.71	Pass
11ac (VHT20)	CH149	7.95	Pass
11ac (VHT20)	CH157	6.47	Pass
11ac (VHT20)	CH165	7.18	Pass
11ac (VHT40)	CH151	4.70	Pass
11ac (VHT40)	CH159	4.10	Pass
11ac (VHT80)	CH155	-0.05	Pass

A.5 Conducted Emissions

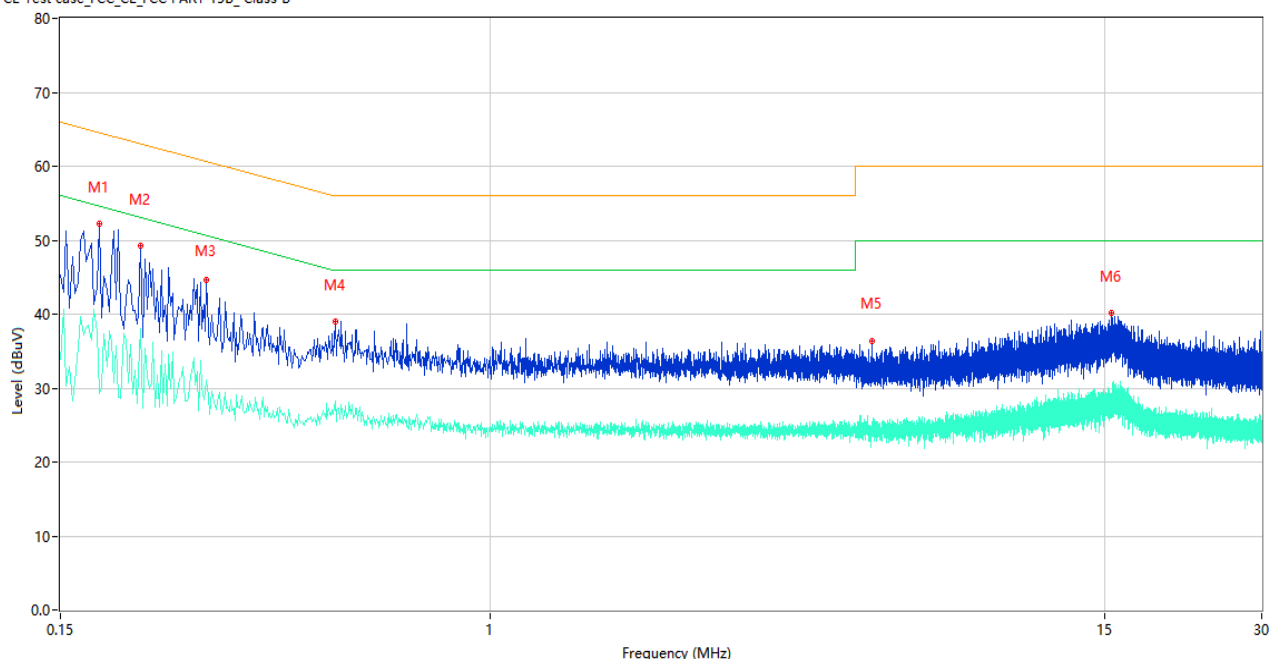
Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

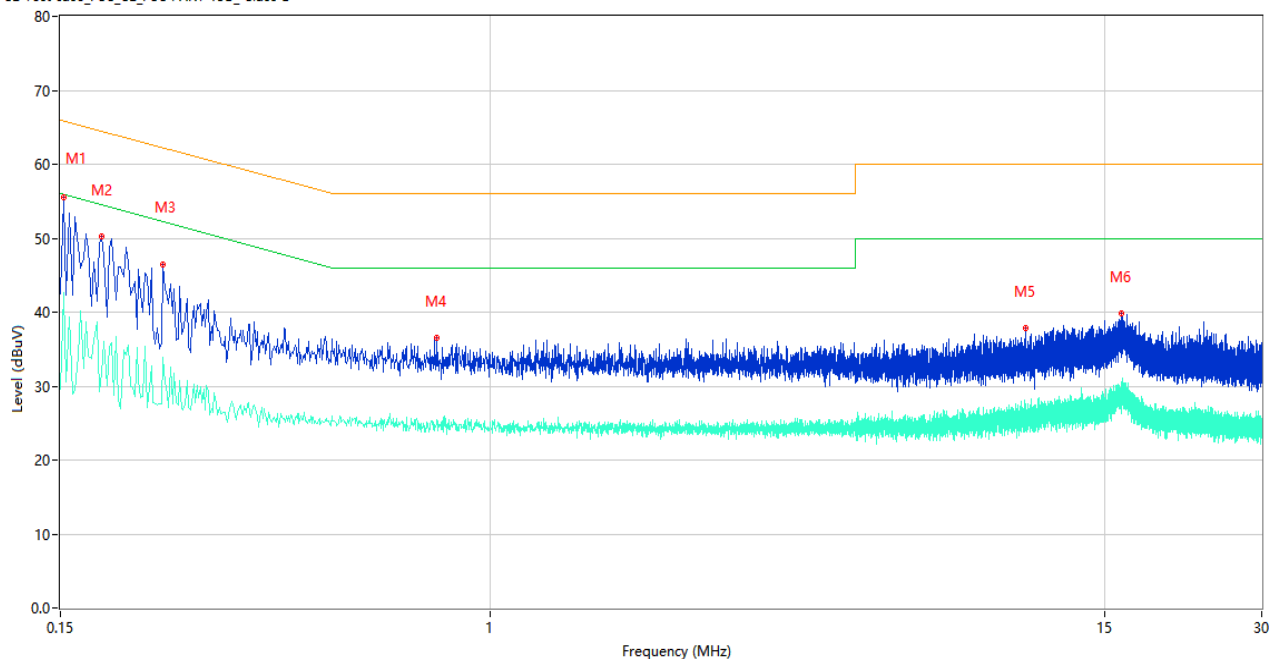
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.178	52.17	10.97	64.58	-12.41	Peak	L	Pass
1**	0.178	29.28	10.97	54.58	-25.30	AV	L	Pass
2	0.214	49.22	10.95	63.05	-13.83	Peak	L	Pass
2**	0.214	38.08	10.95	53.05	-14.97	AV	L	Pass
3	0.286	44.55	10.89	60.64	-16.09	Peak	L	Pass
3**	0.286	31.10	10.89	50.64	-19.54	AV	L	Pass
4	0.504	38.97	10.92	56.00	-17.03	Peak	L	Pass
4**	0.504	28.34	10.92	46.00	-17.66	AV	L	Pass
5	5.384	36.44	10.70	60.00	-23.56	Peak	L	Pass
5**	5.384	25.25	10.70	50.00	-24.75	AV	L	Pass
6	15.496	40.10	10.60	60.00	-19.90	Peak	L	Pass
6**	15.496	29.14	10.60	50.00	-20.86	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	0.152	55.50	10.99	65.89	-10.39	Peak	N	Pass
1**	0.152	42.69	10.99	55.89	-13.20	AV	N	Pass
2	0.180	50.30	10.97	64.49	-14.19	Peak	N	Pass
2**	0.180	31.74	10.97	54.49	-22.75	AV	N	Pass
3	0.236	46.41	10.93	62.24	-15.83	Peak	N	Pass
3**	0.236	33.89	10.93	52.24	-18.35	AV	N	Pass
4	0.790	36.50	10.79	56.00	-19.50	Peak	N	Pass
4**	0.790	25.39	10.79	46.00	-20.61	AV	N	Pass
5	10.568	37.86	10.66	60.00	-22.14	Peak	N	Pass
5**	10.568	27.68	10.66	50.00	-22.32	AV	N	Pass
6	16.194	39.80	10.62	60.00	-20.20	Peak	N	Pass
6**	16.194	30.28	10.62	50.00	-19.72	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.

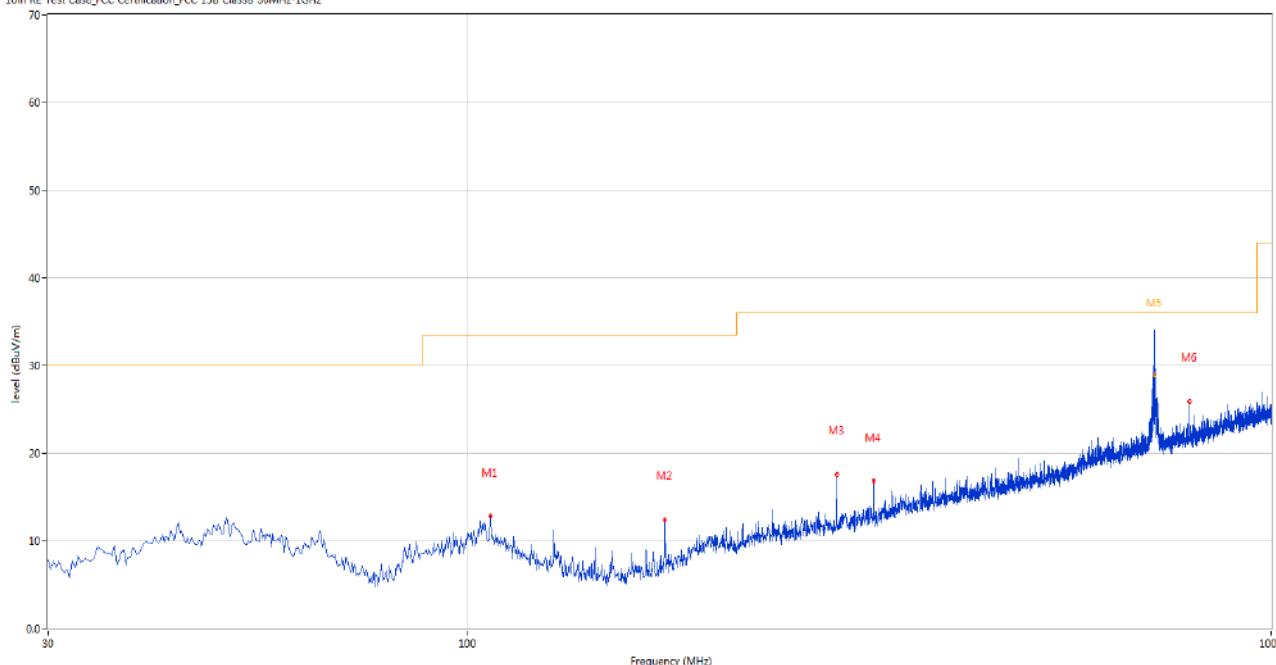
Note ²: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

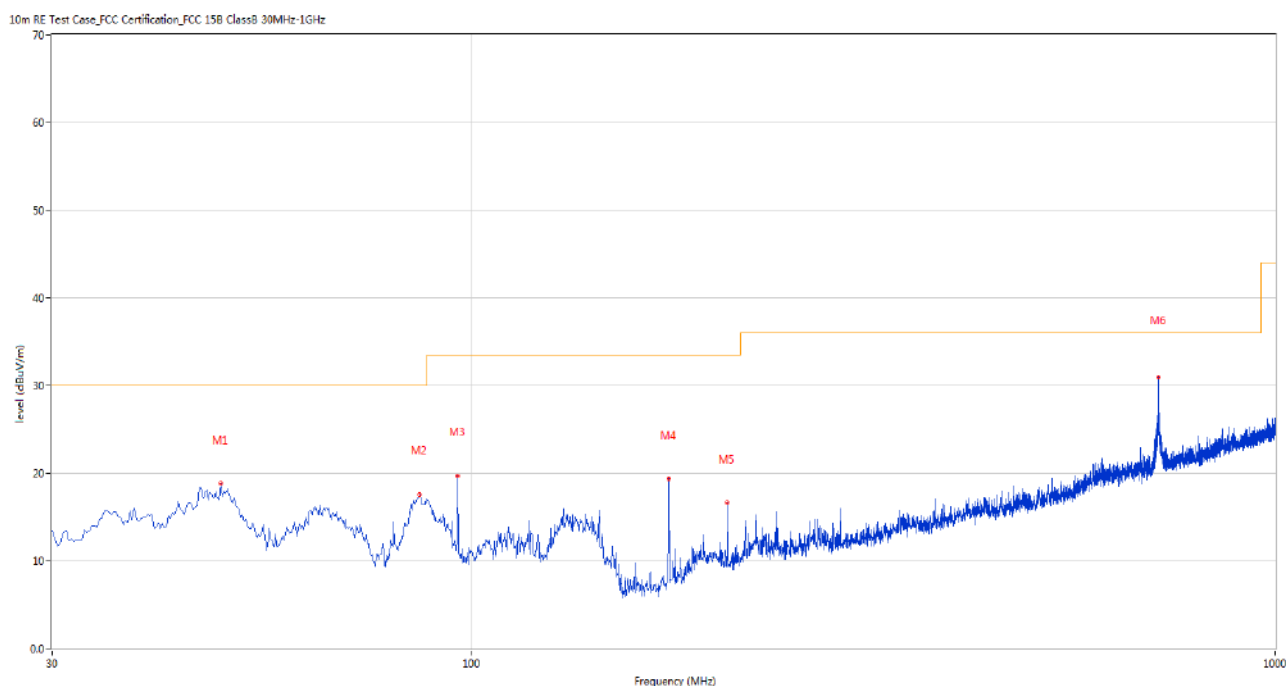
30 MHz to 1 GHz, ANT H

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	106.611	12.81	-27.91	33.5	-20.69	Peak	360.00	200	Horizontal	Pass
2	175.949	12.45	-30.06	33.5	-21.05	Peak	285.00	200	Horizontal	Pass
3	287.956	17.62	-25.38	36.0	-18.38	Peak	351.00	200	Horizontal	Pass
4	319.958	16.81	-24.63	36.0	-19.19	Peak	85.00	100	Horizontal	Pass
5	717.010	36.85	-15.95	36.0	0.85	Peak	150.00	134	Horizontal	N/A
5*	717.010	28.97	-15.95	36.0	-7.03	QP	150.00	134	Horizontal	Pass
6	791.987	25.91	-14.59	36.0	-10.09	Peak	145.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	48.668	18.82	-26.19	30.0	-11.18	Peak	360.00	200	Vertical	Pass
2	86.003	17.63	-30.94	30.0	-12.37	Peak	360.00	200	Vertical	Pass
3	95.944	19.72	-28.53	33.5	-13.78	Peak	0.00	200	Vertical	Pass
4	175.949	19.32	-30.06	33.5	-14.18	Peak	50.00	100	Vertical	Pass
5	207.951	16.59	-27.95	33.5	-16.91	Peak	360.00	200	Vertical	Pass
6	716.831	31.00	-15.95	36.0	-5.00	Peak	0.00	200	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1363.000	40.49	-17.51	74.0	-33.51	Peak	129.00	150	Horizontal	Pass
1**	1363.000	29.58	-17.51	54.0	-24.42	AV	129.00	150	Horizontal	Pass
2	2803.300	43.94	-10.42	74.0	-30.06	Peak	282.00	150	Horizontal	Pass
2**	2803.300	35.50	-10.42	54.0	-18.50	AV	282.00	150	Horizontal	Pass
3	4105.800	49.34	-5.68	74.0	-24.66	Peak	101.00	150	Horizontal	Pass
3**	4105.800	39.33	-5.68	54.0	-14.67	AV	101.00	150	Horizontal	Pass
4	5179.000	111.21	-2.68	--	--	Peak	221.00	150	Horizontal	N/A
4**	5179.000	103.90	-2.68	--	--	AV	221.00	150	Horizontal	N/A
5	11353.612	52.50	-0.12	74.0	-21.50	Peak	285.00	150	Horizontal	Pass
5**	11353.612	42.86	-0.12	54.0	-11.14	AV	285.00	150	Horizontal	Pass
6	15858.525	56.89	1.01	74.0	-17.11	Peak	19.00	150	Horizontal	Pass
6**	15858.525	47.80	1.01	54.0	-6.20	AV	19.00	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	1516.700	41.21	-17.59	74.0	-32.79	Peak	120.00	150	Vertical	Pass
1**	1516.700	30.04	-17.59	54.0	-23.96	AV	120.00	150	Vertical	Pass
2	2807.300	44.02	-10.31	74.0	-29.98	Peak	137.00	150	Vertical	Pass
2**	2807.300	35.21	-10.31	54.0	-18.79	AV	137.00	150	Vertical	Pass
3	3976.200	48.51	-5.44	74.0	-25.49	Peak	303.00	150	Vertical	Pass
3**	3976.200	39.11	-5.44	54.0	-14.89	AV	303.00	150	Vertical	Pass
4	5181.200	107.88	-2.71	--	--	Peak	169.00	150	Vertical	N/A
4**	5181.200	101.25	-2.71	--	--	AV	169.00	150	Vertical	N/A
5	11674.750	53.00	0.26	74.0	-21.00	Peak	289.00	150	Vertical	Pass
5**	11674.750	43.56	0.26	54.0	-10.44	AV	289.00	150	Vertical	Pass
6	15834.900	56.71	1.45	74.0	-17.29	Peak	42.00	150	Vertical	Pass
6**	15834.900	46.72	1.45	54.0	-7.28	AV	42.00	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	1528.100	41.92	-17.44	74.0	-32.08	Peak	95.00	150	Horizontal	Pass
1**	1528.100	29.51	-17.44	54.0	-24.49	AV	95.00	150	Horizontal	Pass
2	2790.800	43.68	-10.63	74.0	-30.32	Peak	228.00	150	Horizontal	Pass
2**	2790.800	34.16	-10.63	54.0	-19.84	AV	228.00	150	Horizontal	Pass
3	3967.200	48.76	-4.89	74.0	-25.24	Peak	340.00	150	Horizontal	Pass
3**	3967.200	39.25	-4.89	54.0	-14.75	AV	340.00	150	Horizontal	Pass
4	5219.400	111.07	-3.04	--	--	Peak	255.00	150	Horizontal	N/A
4**	5219.400	104.50	-3.04	--	--	AV	255.00	150	Horizontal	N/A
5	11998.474	53.69	1.26	74.0	-20.31	Peak	267.00	150	Horizontal	Pass
5**	11998.474	43.31	1.26	54.0	-10.69	AV	267.00	150	Horizontal	Pass
6	15610.200	55.68	1.27	74.0	-18.32	Peak	327.00	150	Horizontal	Pass
6**	15610.200	46.45	1.27	54.0	-7.55	AV	327.00	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	1521.100	41.02	-17.67	74.0	-32.98	Peak	117.00	150	Vertical	Pass
1**	1521.100	32.56	-17.67	54.0	-21.44	AV	117.00	150	Vertical	Pass
2	2797.600	44.31	-10.60	74.0	-29.69	Peak	360.00	150	Vertical	Pass
2**	2797.600	34.55	-10.60	54.0	-19.45	AV	360.00	150	Vertical	Pass
3	3995.000	48.88	-5.36	74.0	-25.12	Peak	321.00	150	Vertical	Pass
3**	3995.000	40.02	-5.36	54.0	-13.98	AV	321.00	150	Vertical	Pass
4	5218.600	107.24	-3.00	--	--	Peak	168.00	150	Vertical	N/A
4**	5218.600	99.07	-3.00	--	--	AV	168.00	150	Vertical	N/A
5	11943.850	53.43	1.57	74.0	-20.57	Peak	267.00	150	Vertical	Pass
5**	11943.850	44.99	1.57	54.0	-9.01	AV	267.00	150	Vertical	Pass
6	15789.750	55.36	2.00	74.0	-18.64	Peak	360.00	150	Vertical	Pass
6**	15789.750	46.84	2.00	54.0	-7.16	AV	360.00	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	1599.600	42.99	-17.62	74.0	-31.01	Peak	42.00	150	Horizontal	Pass
1**	1599.600	33.66	-17.62	54.0	-20.34	AV	42.00	150	Horizontal	Pass
2	2825.700	44.41	-10.28	74.0	-29.59	Peak	296.00	150	Horizontal	Pass
2**	2825.700	35.62	-10.28	54.0	-18.38	AV	296.00	150	Horizontal	Pass
3	3846.800	49.38	-5.31	74.0	-24.62	Peak	32.00	150	Horizontal	Pass
3**	3846.800	40.06	-5.31	54.0	-13.94	AV	32.00	150	Horizontal	Pass
4	5238.800	110.36	-2.73	--	--	Peak	259.00	150	Horizontal	N/A
4**	5238.800	104.02	-2.73	--	--	AV	259.00	150	Horizontal	N/A
5	11636.225	52.78	-0.22	74.0	-21.22	Peak	155.00	150	Horizontal	Pass
5**	11636.225	43.24	-0.22	54.0	-10.76	AV	155.00	150	Horizontal	Pass
6	15853.537	56.52	1.23	74.0	-17.48	Peak	0.00	150	Horizontal	Pass
6**	15853.537	47.08	1.23	54.0	-6.92	AV	0.00	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	1515.300	40.74	-17.57	74.0	-33.26	Peak	115.00	150	Vertical	Pass
1**	1515.300	30.01	-17.57	54.0	-23.99	AV	115.00	150	Vertical	Pass
2	2732.100	44.20	-10.94	74.0	-29.80	Peak	0.00	150	Vertical	Pass
2**	2732.100	34.31	-10.94	54.0	-19.69	AV	0.00	150	Vertical	Pass
3	3948.600	48.47	-4.87	74.0	-25.53	Peak	256.00	150	Vertical	Pass
3**	3948.600	39.88	-4.87	54.0	-14.12	AV	256.00	150	Vertical	Pass
4	5241.400	107.05	-2.70	--	--	Peak	170.00	150	Vertical	N/A
4**	5241.400	99.75	-2.70	--	--	AV	170.00	150	Vertical	N/A
5	11827.700	52.28	1.17	74.0	-21.72	Peak	80.00	150	Vertical	Pass
5**	11827.700	43.40	1.17	54.0	-10.60	AV	80.00	150	Vertical	Pass
6	15639.338	55.49	1.38	74.0	-18.51	Peak	170.00	150	Vertical	Pass
6**	15639.338	46.07	1.38	54.0	-7.93	AV	170.00	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	1595.700	41.89	-17.65	74.0	-32.11	Peak	67.00	150	Horizontal	Pass
1**	1595.700	32.73	-17.65	54.0	-21.27	AV	67.00	150	Horizontal	Pass
2	2773.900	44.00	-10.48	74.0	-30.00	Peak	67.00	150	Horizontal	Pass
2**	2773.900	34.95	-10.48	54.0	-19.05	AV	67.00	150	Horizontal	Pass
3	4063.800	48.80	-5.23	74.0	-25.20	Peak	305.00	150	Horizontal	Pass
3**	4063.800	39.39	-5.23	54.0	-14.61	AV	305.00	150	Horizontal	Pass
4	5181.600	110.61	-2.71	--	--	Peak	271.00	150	Horizontal	N/A
4**	5181.600	103.42	-2.71	--	--	AV	271.00	150	Horizontal	N/A
5	11637.662	52.61	-0.23	74.0	-21.39	Peak	324.00	150	Horizontal	Pass
5**	11637.662	43.72	-0.23	54.0	-10.28	AV	324.00	150	Horizontal	Pass
6	15848.025	56.66	1.35	74.0	-17.34	Peak	226.00	150	Horizontal	Pass
6**	15848.025	47.17	1.35	54.0	-6.83	AV	226.00	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	1597.300	42.72	-17.61	74.0	-31.28	Peak	17.00	150	Vertical	Pass
1**	1597.300	31.86	-17.61	54.0	-22.14	AV	17.00	150	Vertical	Pass
2	2754.700	43.43	-10.75	74.0	-30.57	Peak	307.00	150	Vertical	Pass
2**	2754.700	34.43	-10.75	54.0	-19.57	AV	307.00	150	Vertical	Pass
3	3997.800	49.09	-5.27	74.0	-24.91	Peak	34.00	150	Vertical	Pass
3**	3997.800	40.36	-5.27	54.0	-13.64	AV	34.00	150	Vertical	Pass
4	5180.000	106.55	-2.69	--	--	Peak	177.00	150	Vertical	N/A
4**	5180.000	99.95	-2.69	--	--	AV	177.00	150	Vertical	N/A
5	11426.350	52.30	-0.09	74.0	-21.70	Peak	33.00	150	Vertical	Pass
5**	11426.350	43.90	-0.09	54.0	-10.10	AV	33.00	150	Vertical	Pass
6	15866.925	56.59	0.74	74.0	-17.41	Peak	257.00	150	Vertical	Pass
6**	15866.925	47.58	0.74	54.0	-6.42	AV	257.00	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	1547.500	39.31	-17.55	74.0	-34.69	Peak	186.00	150	Horizontal	Pass
1**	1547.500	29.99	-17.55	54.0	-24.01	AV	186.00	150	Horizontal	Pass
2	2770.300	44.26	-10.55	74.0	-29.74	Peak	240.00	150	Horizontal	Pass
2**	2770.300	34.56	-10.55	54.0	-19.44	AV	240.00	150	Horizontal	Pass
3	4076.600	48.74	-5.43	74.0	-25.26	Peak	306.00	150	Horizontal	Pass
3**	4076.600	39.88	-5.43	54.0	-14.12	AV	306.00	150	Horizontal	Pass
4	5218.600	110.39	-3.00	--	--	Peak	270.00	150	Horizontal	N/A
4**	5218.600	103.35	-3.00	--	--	AV	270.00	150	Horizontal	N/A
5	11824.538	52.72	1.13	74.0	-21.28	Peak	151.00	150	Horizontal	Pass
5**	11824.538	43.66	1.13	54.0	-10.34	AV	151.00	150	Horizontal	Pass
6	15848.549	55.72	1.34	74.0	-18.28	Peak	109.00	150	Horizontal	Pass
6**	15848.549	46.80	1.34	54.0	-7.20	AV	109.00	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	1545.500	41.53	-17.50	74.0	-32.47	Peak	24.00	150	Vertical	Pass
1**	1545.500	32.44	-17.50	54.0	-21.56	AV	24.00	150	Vertical	Pass
2	2752.200	44.55	-10.84	74.0	-29.45	Peak	94.00	150	Vertical	Pass
2**	2752.200	34.27	-10.84	54.0	-19.73	AV	94.00	150	Vertical	Pass
3	3933.000	48.84	-5.81	74.0	-25.16	Peak	340.00	150	Vertical	Pass
3**	3933.000	40.28	-5.81	54.0	-13.72	AV	340.00	150	Vertical	Pass
4	5221.000	106.16	-3.05	--	--	Peak	179.00	150	Vertical	N/A
4**	5221.000	99.49	-3.05	--	--	AV	179.00	150	Vertical	N/A
5	11675.900	52.75	0.24	74.0	-21.25	Peak	180.00	150	Vertical	Pass
5**	11675.900	43.39	0.24	54.0	-10.61	AV	180.00	150	Vertical	Pass
6	15847.763	55.65	1.35	74.0	-18.35	Peak	284.00	150	Vertical	Pass
6**	15847.763	47.44	1.35	54.0	-6.56	AV	284.00	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	1593.800	42.79	-17.45	74.0	-31.21	Peak	77.00	150	Horizontal	Pass
1**	1593.800	33.08	-17.45	54.0	-20.92	AV	77.00	150	Horizontal	Pass
2	2818.700	44.62	-10.22	74.0	-29.38	Peak	115.00	150	Horizontal	Pass
2**	2818.700	34.21	-10.22	54.0	-19.79	AV	115.00	150	Horizontal	Pass
3	3883.600	48.50	-5.50	74.0	-25.50	Peak	230.00	150	Horizontal	Pass
3**	3883.600	39.36	-5.50	54.0	-14.64	AV	230.00	150	Horizontal	Pass
4	5239.200	109.90	-2.72	--	--	Peak	267.00	150	Horizontal	N/A
4**	5239.200	103.36	-2.72	--	--	AV	267.00	150	Horizontal	N/A
5	11823.388	52.98	1.11	74.0	-21.02	Peak	17.00	150	Horizontal	Pass
5**	11823.388	43.36	1.11	54.0	-10.64	AV	17.00	150	Horizontal	Pass
6	15628.838	55.82	1.71	74.0	-18.18	Peak	105.00	150	Horizontal	Pass
6**	15628.838	47.21	1.71	54.0	-6.79	AV	105.00	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	1343.800	40.95	-17.29	74.0	-33.05	Peak	125.00	150	Vertical	Pass
1**	1343.800	30.37	-17.29	54.0	-23.63	AV	125.00	150	Vertical	Pass
2	2820.800	43.46	-10.21	74.0	-30.54	Peak	306.00	150	Vertical	Pass
2**	2820.800	34.64	-10.21	54.0	-19.36	AV	306.00	150	Vertical	Pass
3	4058.800	49.56	-4.89	74.0	-24.44	Peak	349.00	150	Vertical	Pass
3**	4058.800	39.38	-4.89	54.0	-14.62	AV	349.00	150	Vertical	Pass
4	5241.600	106.43	-2.70	--	--	Peak	163.00	150	Vertical	N/A
4**	5241.600	99.06	-2.70	--	--	AV	163.00	150	Vertical	N/A
5	11932.637	54.41	1.63	74.0	-19.59	Peak	360.00	150	Vertical	Pass
5**	11932.637	43.70	1.63	54.0	-10.30	AV	360.00	150	Vertical	Pass
6	15622.013	55.04	1.67	74.0	-18.96	Peak	339.00	150	Vertical	Pass
6**	15622.013	46.09	1.67	54.0	-7.91	AV	339.00	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	1599.500	43.46	-17.62	74.0	-30.54	Peak	43.00	150	Horizontal	Pass
1**	1599.500	31.26	-17.62	54.0	-22.74	AV	43.00	150	Horizontal	Pass
2	2850.300	44.94	-10.29	74.0	-29.06	Peak	0.00	150	Horizontal	Pass
2**	2850.300	34.35	-10.29	54.0	-19.65	AV	0.00	150	Horizontal	Pass
3	3956.800	49.29	-4.58	74.0	-24.71	Peak	207.00	150	Horizontal	Pass
3**	3956.800	39.64	-4.58	54.0	-14.36	AV	207.00	150	Horizontal	Pass
4	5191.600	107.75	-2.64	--	--	Peak	262.00	150	Horizontal	N/A
4**	5191.600	100.66	-2.64	--	--	AV	262.00	150	Horizontal	N/A
5	11591.950	53.29	-0.19	74.0	-20.71	Peak	281.00	150	Horizontal	Pass
5**	11591.950	43.87	-0.19	54.0	-10.13	AV	281.00	150	Horizontal	Pass
6	15810.750	55.82	2.15	74.0	-18.18	Peak	360.00	150	Horizontal	Pass
6**	15810.750	46.63	2.15	54.0	-7.37	AV	360.00	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	1598.600	41.57	-17.56	74.0	-32.43	Peak	162.00	150	Vertical	Pass
1**	1598.600	31.80	-17.56	54.0	-22.20	AV	162.00	150	Vertical	Pass
2	2868.900	45.70	-10.40	74.0	-28.30	Peak	290.00	150	Vertical	Pass
2**	2868.900	34.73	-10.40	54.0	-19.27	AV	290.00	150	Vertical	Pass
3	3963.600	48.38	-4.80	74.0	-25.62	Peak	261.00	150	Vertical	Pass
3**	3963.600	39.62	-4.80	54.0	-14.38	AV	261.00	150	Vertical	Pass
4	5188.200	104.59	-2.69	--	--	Peak	167.00	150	Vertical	N/A
4**	5188.200	96.31	-2.69	--	--	AV	167.00	150	Vertical	N/A
5	11675.037	53.11	0.26	74.0	-20.89	Peak	324.00	150	Vertical	Pass
5**	11675.037	43.37	0.26	54.0	-10.63	AV	324.00	150	Vertical	Pass
6	15851.175	56.31	1.30	74.0	-17.69	Peak	261.00	150	Vertical	Pass
6**	15851.175	47.15	1.30	54.0	-6.85	AV	261.00	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	1594.000	40.70	-17.45	74.0	-33.30	Peak	177.00	150	Horizontal	Pass
1**	1594.000	30.18	-17.45	54.0	-23.82	AV	177.00	150	Horizontal	Pass
2	2782.200	43.62	-10.42	74.0	-30.38	Peak	251.00	150	Horizontal	Pass
2**	2782.200	35.38	-10.42	54.0	-18.62	AV	251.00	150	Horizontal	Pass
3	3847.000	48.38	-5.33	74.0	-25.62	Peak	359.00	150	Horizontal	Pass
3**	3847.000	39.36	-5.33	54.0	-14.64	AV	359.00	150	Horizontal	Pass
4	5228.200	107.41	-2.96	--	--	Peak	264.00	150	Horizontal	N/A
4**	5228.200	100.23	-2.96	--	--	AV	264.00	150	Horizontal	N/A
5	11935.799	52.87	1.69	74.0	-21.13	Peak	228.00	150	Horizontal	Pass
5**	11935.799	43.78	1.69	54.0	-10.22	AV	228.00	150	Horizontal	Pass
6	15634.875	55.99	1.56	74.0	-18.01	Peak	0.00	150	Horizontal	Pass
6**	15634.875	46.59	1.56	54.0	-7.41	AV	0.00	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	1548.900	41.55	-17.51	74.0	-32.45	Peak	6.00	150	Vertical	Pass
1**	1548.900	30.38	-17.51	54.0	-23.62	AV	6.00	150	Vertical	Pass
2	2797.600	43.83	-10.60	74.0	-30.17	Peak	360.00	150	Vertical	Pass
2**	2797.600	35.43	-10.60	54.0	-18.57	AV	360.00	150	Vertical	Pass
3	4048.000	48.97	-4.70	74.0	-25.03	Peak	0.00	150	Vertical	Pass
3**	4048.000	39.49	-4.70	54.0	-14.51	AV	0.00	150	Vertical	Pass
4	5234.200	104.05	-2.81	--	--	Peak	169.00	150	Vertical	N/A
4**	5234.200	95.65	-2.81	--	--	AV	169.00	150	Vertical	N/A
5	11978.063	53.22	0.84	74.0	-20.78	Peak	224.00	150	Vertical	Pass
5**	11978.063	43.87	0.84	54.0	-10.13	AV	224.00	150	Vertical	Pass
6	15851.963	56.56	1.28	74.0	-17.44	Peak	65.00	150	Vertical	Pass
6**	15851.963	46.48	1.28	54.0	-7.52	AV	65.00	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	1595.900	42.91	-17.68	74.0	-31.09	Peak	69.00	150	Horizontal	Pass
1**	1595.900	34.20	-17.68	54.0	-19.80	AV	69.00	150	Horizontal	Pass
--2	2810.000	44.10	-10.25	74.0	-29.90	Peak	145.00	150	Horizontal	Pass
2**	2810.000	34.59	-10.25	54.0	-19.41	AV	145.00	150	Horizontal	Pass
3	4050.800	48.73	-4.77	74.0	-25.27	Peak	133.00	150	Horizontal	Pass
3**	4050.800	40.35	-4.77	54.0	-13.65	AV	133.00	150	Horizontal	Pass
4	5178.800	109.59	-2.68	--	--	Peak	231.00	150	Horizontal	N/A
4**	5178.800	103.60	-2.68	--	--	AV	231.00	150	Horizontal	N/A
5	11677.050	53.46	0.22	74.0	-20.54	Peak	77.00	150	Horizontal	Pass
5**	11677.050	44.11	0.22	54.0	-9.89	AV	77.00	150	Horizontal	Pass
6	15857.475	56.06	1.06	74.0	-17.94	Peak	219.00	150	Horizontal	Pass
6**	15857.475	47.46	1.06	54.0	-6.54	AV	219.00	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	1486.900	41.35	-17.61	74.0	-32.65	Peak	96.00	150	Vertical	Pass
1**	1486.900	30.71	-17.61	54.0	-23.29	AV	96.00	150	Vertical	Pass
2	2814.700	43.96	-10.07	74.0	-30.04	Peak	133.00	150	Vertical	Pass
2**	2814.700	34.57	-10.07	54.0	-19.43	AV	133.00	150	Vertical	Pass
3	4021.200	49.05	-5.09	74.0	-24.95	Peak	193.00	150	Vertical	Pass
3**	4021.200	39.04	-5.09	54.0	-14.96	AV	193.00	150	Vertical	Pass
4	5178.400	106.93	-2.70	--	--	Peak	174.00	150	Vertical	N/A
4**	5178.400	98.57	-2.70	--	--	AV	174.00	150	Vertical	N/A
5	11828.563	52.58	1.18	74.0	-21.42	Peak	224.00	150	Vertical	Pass
5**	11828.563	43.66	1.18	54.0	-10.34	AV	224.00	150	Vertical	Pass
6	15866.138	56.31	0.77	74.0	-17.69	Peak	120.00	150	Vertical	Pass
6**	15866.138	47.04	0.77	54.0	-6.96	AV	120.00	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	1478.300	39.31	-17.57	74.0	-34.69	Peak	243.00	150	Horizontal	Pass
1**	1478.300	28.78	-17.57	54.0	-25.22	AV	243.00	150	Horizontal	Pass
2	2825.000	43.64	-10.30	74.0	-30.36	Peak	0.00	150	Horizontal	Pass
2**	2825.000	34.34	-10.30	54.0	-19.66	AV	0.00	150	Horizontal	Pass
3	3950.600	48.37	-4.80	74.0	-25.63	Peak	360.00	150	Horizontal	Pass
3**	3950.600	39.97	-4.80	54.0	-14.03	AV	360.00	150	Horizontal	Pass
4	5219.200	110.49	-3.04	--	--	Peak	255.00	150	Horizontal	N/A
4**	5219.200	103.15	-3.04	--	--	AV	255.00	150	Horizontal	N/A
5	11828.850	53.00	1.18	74.0	-21.00	Peak	138.00	150	Horizontal	Pass
5**	11828.850	42.76	1.18	54.0	-11.24	AV	138.00	150	Horizontal	Pass
6	15577.388	55.27	1.41	74.0	-18.73	Peak	360.00	150	Horizontal	Pass
6**	15577.388	46.42	1.41	54.0	-7.58	AV	360.00	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	1474.300	40.73	-17.53	74.0	-33.27	Peak	110.00	150	Vertical	Pass
1**	1474.300	29.71	-17.53	54.0	-24.29	AV	110.00	150	Vertical	Pass
2	2813.300	44.68	-10.04	74.0	-29.32	Peak	323.00	150	Vertical	Pass
2**	2813.300	35.53	-10.04	54.0	-18.47	AV	323.00	150	Vertical	Pass
3	3846.200	49.10	-5.26	74.0	-24.90	Peak	159.00	150	Vertical	Pass
3**	3846.200	39.18	-5.26	54.0	-14.82	AV	159.00	150	Vertical	Pass
4	5221.200	106.55	-3.05	--	--	Peak	178.00	150	Vertical	N/A
4**	5221.200	99.10	-3.05	--	--	AV	178.00	150	Vertical	N/A
5	11659.225	52.58	0.10	74.0	-21.42	Peak	17.00	150	Vertical	Pass
5**	11659.225	42.98	0.10	54.0	-11.02	AV	17.00	150	Vertical	Pass
6	15614.662	55.48	1.47	74.0	-18.52	Peak	233.00	150	Vertical	Pass
6**	15614.662	46.55	1.47	54.0	-7.45	AV	233.00	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	1593.600	41.87	-17.46	74.0	-32.13	Peak	51.00	150	Horizontal	Pass
1**	1593.600	30.14	-17.46	54.0	-23.86	AV	51.00	150	Horizontal	Pass
2	2781.300	43.96	-10.40	74.0	-30.04	Peak	266.00	150	Horizontal	Pass
2**	2781.300	34.30	-10.40	54.0	-19.70	AV	266.00	150	Horizontal	Pass
3	4045.000	49.87	-4.87	74.0	-24.13	Peak	18.00	150	Horizontal	Pass
3**	4045.000	39.58	-4.87	54.0	-14.42	AV	18.00	150	Horizontal	Pass
4	5241.800	109.96	-2.70	--	--	Peak	262.00	150	Horizontal	N/A
4**	5241.800	102.59	-2.70	--	--	AV	262.00	150	Horizontal	N/A
5	11979.500	52.77	0.85	74.0	-21.23	Peak	300.00	150	Horizontal	Pass
5**	11979.500	43.19	0.85	54.0	-10.81	AV	300.00	150	Horizontal	Pass
6	15618.600	55.47	1.59	74.0	-18.53	Peak	147.00	150	Horizontal	Pass
6**	15618.600	46.65	1.59	54.0	-7.35	AV	147.00	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	1459.200	43.23	-17.48	74.0	-30.77	Peak	118.00	150	Vertical	Pass
1**	1459.200	32.81	-17.48	54.0	-21.19	AV	118.00	150	Vertical	Pass
2	2811.700	44.14	-10.15	74.0	-29.86	Peak	360.00	150	Vertical	Pass
2**	2811.700	34.80	-10.15	54.0	-19.20	AV	360.00	150	Vertical	Pass
3	3958.400	48.77	-4.63	74.0	-25.23	Peak	16.00	150	Vertical	Pass
3**	3958.400	39.23	-4.63	54.0	-14.77	AV	16.00	150	Vertical	Pass
4	5241.200	106.74	-2.70	--	--	Peak	178.00	150	Vertical	N/A
4**	5241.200	99.22	-2.70	--	--	AV	178.00	150	Vertical	N/A
5	11720.750	52.66	0.79	74.0	-21.34	Peak	159.00	150	Vertical	Pass
5**	11720.750	43.15	0.79	54.0	-10.85	AV	159.00	150	Vertical	Pass
6	15841.200	55.74	1.43	74.0	-18.26	Peak	351.00	150	Vertical	Pass
6**	15841.200	48.70	1.43	54.0	-5.30	AV	351.00	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	1594.300	42.04	-17.48	74.0	-31.96	Peak	77.00	150	Horizontal	Pass
1**	1594.300	32.36	-17.48	54.0	-21.64	AV	77.00	150	Horizontal	Pass
2	2768.500	43.79	-10.66	74.0	-30.21	Peak	0.00	150	Horizontal	Pass
2**	2768.500	35.11	-10.66	54.0	-18.89	AV	0.00	150	Horizontal	Pass
3	4057.800	49.59	-4.88	74.0	-24.41	Peak	261.00	150	Horizontal	Pass
3**	4057.800	39.89	-4.88	54.0	-14.11	AV	261.00	150	Horizontal	Pass
4	5191.800	105.61	-2.65	--	--	Peak	261.00	150	Horizontal	N/A
4**	5191.800	98.87	-2.65	--	--	AV	261.00	150	Horizontal	N/A
5	11394.725	52.93	-0.18	74.0	-21.07	Peak	11.00	150	Horizontal	Pass
5**	11394.725	42.82	-0.18	54.0	-11.18	AV	11.00	150	Horizontal	Pass
6	15634.350	55.85	1.57	74.0	-18.15	Peak	90.00	150	Horizontal	Pass
6**	15634.350	46.93	1.57	54.0	-7.07	AV	90.00	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	1598.700	41.72	-17.56	74.0	-32.28	Peak	163.00	150	Vertical	Pass
1**	1598.700	31.34	-17.56	54.0	-22.66	AV	163.00	150	Vertical	Pass
2	2832.200	44.26	-10.34	74.0	-29.74	Peak	342.00	150	Vertical	Pass
2**	2832.200	35.39	-10.34	54.0	-18.61	AV	342.00	150	Vertical	Pass
3	4058.400	48.84	-4.88	74.0	-25.16	Peak	212.00	150	Vertical	Pass
3**	4058.400	40.08	-4.88	54.0	-13.92	AV	212.00	150	Vertical	Pass
4	5192.800	102.77	-2.73	--	--	Peak	169.00	150	Vertical	N/A
4**	5192.800	95.37	-2.73	--	--	AV	169.00	150	Vertical	N/A
5	11817.925	53.91	1.01	74.0	-20.09	Peak	0.00	150	Vertical	Pass
5**	11817.925	43.73	1.01	54.0	-10.27	AV	0.00	150	Vertical	Pass
6	15833.850	56.44	1.46	74.0	-17.56	Peak	360.00	150	Vertical	Pass
6**	15833.850	47.74	1.46	54.0	-6.26	AV	360.00	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	1598.800	42.99	-17.57	74.0	-31.01	Peak	76.00	150	Horizontal	Pass
1**	1598.800	33.27	-17.57	54.0	-20.73	AV	76.00	150	Horizontal	Pass
2	2744.800	43.82	-10.89	74.0	-30.18	Peak	218.00	150	Horizontal	Pass
2**	2744.800	33.97	-10.89	54.0	-20.03	AV	218.00	150	Horizontal	Pass
3	4036.600	48.71	-4.80	74.0	-25.29	Peak	99.00	150	Horizontal	Pass
3**	4036.600	40.46	-4.80	54.0	-13.54	AV	99.00	150	Horizontal	Pass
4	5240.800	109.73	-2.70	--	--	Peak	269.00	150	Horizontal	N/A
4**	5240.800	103.16	-2.70	--	--	AV	269.00	150	Horizontal	N/A
5	11635.937	53.01	-0.22	74.0	-20.99	Peak	41.00	150	Horizontal	Pass
5**	11635.937	44.05	-0.22	54.0	-9.95	AV	41.00	150	Horizontal	Pass
6	15818.362	55.65	1.94	74.0	-18.35	Peak	360.00	150	Horizontal	Pass
6**	15818.362	46.39	1.94	54.0	-7.61	AV	360.00	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	1460.800	41.35	-17.43	74.0	-32.65	Peak	107.00	150	Vertical	Pass
1**	1460.800	32.57	-17.43	54.0	-21.43	AV	107.00	150	Vertical	Pass
2	2787.100	43.19	-10.50	74.0	-30.81	Peak	46.00	150	Vertical	Pass
2**	2787.100	34.77	-10.50	54.0	-19.23	AV	46.00	150	Vertical	Pass
3	4035.200	48.94	-4.89	74.0	-25.06	Peak	164.00	150	Vertical	Pass
3**	4035.200	39.41	-4.89	54.0	-14.59	AV	164.00	150	Vertical	Pass
4	5241.800	106.90	-2.70	--	--	Peak	164.00	150	Vertical	N/A
4**	5241.800	99.24	-2.70	--	--	AV	164.00	150	Vertical	N/A
5	11652.037	53.04	-0.10	74.0	-20.96	Peak	131.00	150	Vertical	Pass
5**	11652.037	43.35	-0.10	54.0	-10.65	AV	131.00	150	Vertical	Pass
6	15755.099	55.99	0.88	74.0	-18.01	Peak	38.00	150	Vertical	Pass
6**	15755.099	45.90	0.88	54.0	-8.10	AV	38.00	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	1500.400	40.35	-17.57	74.0	-33.65	Peak	106.00	150	Horizontal	Pass
1**	1500.400	30.65	-17.57	54.0	-23.35	AV	106.00	150	Horizontal	Pass
2	2833.500	44.65	-10.35	74.0	-29.35	Peak	253.00	150	Horizontal	Pass
2**	2833.500	34.40	-10.35	54.0	-19.60	AV	253.00	150	Horizontal	Pass
3	4031.000	49.00	-5.05	74.0	-25.00	Peak	87.00	150	Horizontal	Pass
3**	4031.000	39.72	-5.05	54.0	-14.28	AV	87.00	150	Horizontal	Pass
4	5207.200	104.90	-2.49	--	--	Peak	242.00	150	Horizontal	N/A
4**	5207.200	97.16	-2.49	--	--	AV	242.00	150	Horizontal	N/A
5	12360.438	54.51	1.17	74.0	-19.49	Peak	107.00	150	Horizontal	Pass
5**	12360.438	44.08	1.17	54.0	-9.92	AV	107.00	150	Horizontal	Pass
6	15839.362	56.21	1.45	74.0	-17.79	Peak	283.00	150	Horizontal	Pass
6**	15839.362	47.01	1.45	54.0	-6.99	AV	283.00	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	1594.500	41.84	-17.51	74.0	-32.16	Peak	146.00	150	Vertical	Pass
1**	1594.500	30.47	-17.51	54.0	-23.53	AV	146.00	150	Vertical	Pass
2	2800.700	43.84	-10.55	74.0	-30.16	Peak	190.00	150	Vertical	Pass
2**	2800.700	35.12	-10.55	54.0	-18.88	AV	190.00	150	Vertical	Pass
3	3951.800	48.52	-4.70	74.0	-25.48	Peak	170.00	150	Vertical	Pass
3**	3951.800	39.44	-4.70	54.0	-14.56	AV	170.00	150	Vertical	Pass
4	5205.600	101.69	-2.45	--	--	Peak	170.00	150	Vertical	N/A
4**	5205.600	93.33	-2.45	--	--	AV	170.00	150	Vertical	N/A
5	11719.888	52.91	0.78	74.0	-21.09	Peak	316.00	150	Vertical	Pass
5**	11719.888	43.32	0.78	54.0	-10.68	AV	316.00	150	Vertical	Pass
6	15888.975	56.20	0.19	74.0	-17.80	Peak	41.00	150	Vertical	Pass
6**	15888.975	45.30	0.19	54.0	-8.70	AV	41.00	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	1595.600	42.17	-17.64	74.0	-31.83	Peak	51.00	150	Horizontal	Pass
1**	1595.600	30.47	-17.64	54.0	-23.53	AV	51.00	150	Horizontal	Pass
2	2771.200	44.46	-10.49	74.0	-29.54	Peak	30.00	150	Horizontal	Pass
2**	2771.200	34.93	-10.49	54.0	-19.07	AV	30.00	150	Horizontal	Pass
3	3969.000	48.47	-5.03	74.0	-25.53	Peak	45.00	150	Horizontal	Pass
3**	3969.000	39.19	-5.03	54.0	-14.81	AV	45.00	150	Horizontal	Pass
4	5258.800	110.80	-2.89	--	--	Peak	265.00	150	Horizontal	N/A
4**	5258.800	103.35	-2.89	--	--	AV	265.00	150	Horizontal	N/A
5	11638.525	52.87	-0.23	74.0	-21.13	Peak	339.00	150	Horizontal	Pass
5**	11638.525	43.53	-0.23	54.0	-10.47	AV	339.00	150	Horizontal	Pass
6	15840.675	55.91	1.44	74.0	-18.09	Peak	113.00	150	Horizontal	Pass
6**	15840.675	46.90	1.44	54.0	-7.10	AV	113.00	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	1599.500	43.38	-17.62	74.0	-30.62	Peak	170.00	150	Vertical	Pass
1**	1599.500	30.35	-17.62	54.0	-23.65	AV	170.00	150	Vertical	Pass
2	2813.300	44.44	-10.04	74.0	-29.56	Peak	0.00	150	Vertical	Pass
2**	2813.300	34.93	-10.04	54.0	-19.07	AV	0.00	150	Vertical	Pass
3	4023.200	48.56	-5.13	74.0	-25.44	Peak	218.00	150	Vertical	Pass
3**	4023.200	39.58	-5.13	54.0	-14.42	AV	218.00	150	Vertical	Pass
4	5258.200	106.33	-2.89	--	--	Peak	175.00	150	Vertical	N/A
4**	5258.200	98.56	-2.89	--	--	AV	175.00	150	Vertical	N/A
5	11942.988	53.08	1.60	74.0	-20.92	Peak	271.00	150	Vertical	Pass
5**	11942.988	44.34	1.60	54.0	-9.66	AV	271.00	150	Vertical	Pass
6	15817.575	56.09	1.97	74.0	-17.91	Peak	360.00	150	Vertical	Pass
6**	15817.575	46.11	1.97	54.0	-7.89	AV	360.00	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	1599.600	40.72	-17.62	74.0	-33.28	Peak	77.00	150	Horizontal	Pass
1**	1599.600	32.14	-17.62	54.0	-21.86	AV	77.00	150	Horizontal	Pass
2	2822.300	44.53	-10.24	74.0	-29.47	Peak	253.00	150	Horizontal	Pass
2**	2822.300	34.35	-10.24	54.0	-19.65	AV	253.00	150	Horizontal	Pass
3	4058.600	49.30	-4.89	74.0	-24.70	Peak	344.00	150	Horizontal	Pass
3**	4058.600	40.00	-4.89	54.0	-14.00	AV	344.00	150	Horizontal	Pass
4	5299.200	109.74	-3.30	--	--	Peak	255.00	150	Horizontal	N/A
4**	5299.200	103.49	-3.30	--	--	AV	255.00	150	Horizontal	N/A
5	11820.225	52.66	1.04	74.0	-21.34	Peak	180.00	150	Horizontal	Pass
5**	11820.225	43.46	1.04	54.0	-10.54	AV	180.00	150	Horizontal	Pass
6	15839.625	55.94	1.45	74.0	-18.06	Peak	1.00	150	Horizontal	Pass
6**	15839.625	46.71	1.45	54.0	-7.29	AV	1.00	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	1483.600	42.86	-17.49	74.0	-31.14	Peak	104.00	150	Vertical	Pass
1**	1483.600	30.87	-17.49	54.0	-23.13	AV	104.00	150	Vertical	Pass
2	2775.200	44.22	-10.48	74.0	-29.78	Peak	104.00	150	Vertical	Pass
2**	2775.200	35.08	-10.48	54.0	-18.92	AV	104.00	150	Vertical	Pass
3	3989.800	48.16	-5.62	74.0	-25.84	Peak	197.00	150	Vertical	Pass
3**	3989.800	39.04	-5.62	54.0	-14.96	AV	197.00	150	Vertical	Pass
4	5300.800	107.88	-3.25	--	--	Peak	175.00	150	Vertical	N/A
4**	5300.800	100.11	-3.25	--	--	AV	175.00	150	Vertical	N/A
5	11602.013	52.74	-0.04	74.0	-21.26	Peak	338.00	150	Vertical	Pass
5**	11602.013	43.71	-0.04	54.0	-10.29	AV	338.00	150	Vertical	Pass
6	15848.813	56.17	1.34	74.0	-17.83	Peak	137.00	150	Vertical	Pass
6**	15848.813	47.32	1.34	54.0	-6.68	AV	137.00	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	1594.900	42.02	-17.56	74.0	-31.98	Peak	57.00	150	Horizontal	Pass
1**	1594.900	32.64	-17.56	54.0	-21.36	AV	57.00	150	Horizontal	Pass
2	2800.100	43.88	-10.56	74.0	-30.12	Peak	231.00	150	Horizontal	Pass
2**	2800.100	34.81	-10.56	54.0	-19.19	AV	231.00	150	Horizontal	Pass
3	4258.600	50.75	-4.77	74.0	-23.25	Peak	67.00	150	Horizontal	Pass
3**	4258.600	42.15	-4.77	54.0	-11.85	AV	67.00	150	Horizontal	Pass
4	5319.200	110.51	-2.78	--	--	Peak	266.00	150	Horizontal	N/A
4**	5319.200	103.57	-2.78	--	--	AV	266.00	150	Horizontal	N/A
5	11479.825	52.99	-0.02	74.0	-21.01	Peak	293.00	150	Horizontal	Pass
5**	11479.825	42.85	-0.02	54.0	-11.15	AV	293.00	150	Horizontal	Pass
6	15847.238	56.54	1.35	74.0	-17.46	Peak	102.00	150	Horizontal	Pass
6**	15847.238	47.18	1.35	54.0	-6.82	AV	102.00	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	1595.900	44.01	-17.68	74.0	-29.99	Peak	149.00	150	Vertical	Pass
1**	1595.900	30.63	-17.68	54.0	-23.37	AV	149.00	150	Vertical	Pass
2	2798.200	44.06	-10.59	74.0	-29.94	Peak	19.00	150	Vertical	Pass
2**	2798.200	34.42	-10.59	54.0	-19.58	AV	19.00	150	Vertical	Pass
3	3953.400	48.72	-4.66	74.0	-25.28	Peak	156.00	150	Vertical	Pass
3**	3953.400	39.48	-4.66	54.0	-14.52	AV	156.00	150	Vertical	Pass
4	5321.400	107.70	-2.77	--	--	Peak	179.00	150	Vertical	N/A
4**	5321.400	101.02	-2.77	--	--	AV	179.00	150	Vertical	N/A
5	12209.787	54.30	1.01	74.0	-19.70	Peak	32.00	150	Vertical	Pass
5**	12209.787	43.87	1.01	54.0	-10.13	AV	32.00	150	Vertical	Pass
6	15839.887	55.71	1.45	74.0	-18.29	Peak	264.00	150	Vertical	Pass
6**	15839.887	46.96	1.45	54.0	-7.04	AV	264.00	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	1598.300	43.79	-17.54	74.0	-30.21	Peak	48.00	150	Horizontal	Pass
1**	1598.300	34.96	-17.54	54.0	-19.04	AV	48.00	150	Horizontal	Pass
2	2771.200	43.63	-10.49	74.0	-30.37	Peak	314.00	150	Horizontal	Pass
2**	2771.200	34.83	-10.49	54.0	-19.17	AV	314.00	150	Horizontal	Pass
3	3984.800	49.28	-5.63	74.0	-24.72	Peak	205.00	150	Horizontal	Pass
3**	3984.800	39.02	-5.63	54.0	-14.98	AV	205.00	150	Horizontal	Pass
4	5259.000	109.32	-2.88	--	--	Peak	272.00	150	Horizontal	N/A
4**	5259.000	102.38	-2.88	--	--	AV	272.00	150	Horizontal	N/A
5	11646.862	52.88	-0.19	74.0	-21.12	Peak	315.00	150	Horizontal	Pass
5**	11646.862	43.03	-0.19	54.0	-10.97	AV	315.00	150	Horizontal	Pass
6	15837.787	55.69	1.45	74.0	-18.31	Peak	286.00	150	Horizontal	Pass
6**	15837.787	46.55	1.45	54.0	-7.45	AV	286.00	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	1597.300	42.63	-17.61	74.0	-31.37	Peak	162.00	150	Vertical	Pass
1**	1597.300	29.32	-17.61	54.0	-24.68	AV	162.00	150	Vertical	Pass
2	2740.000	44.10	-10.85	74.0	-29.90	Peak	298.00	150	Vertical	Pass
2**	2740.000	34.95	-10.85	54.0	-19.05	AV	298.00	150	Vertical	Pass
3	3972.600	48.36	-5.27	74.0	-25.64	Peak	248.00	150	Vertical	Pass
3**	3972.600	39.26	-5.27	54.0	-14.74	AV	248.00	150	Vertical	Pass
4	5261.400	105.64	-3.12	--	--	Peak	157.00	150	Vertical	N/A
4**	5261.400	98.71	-3.12	--	--	AV	157.00	150	Vertical	N/A
5	11937.237	52.88	1.69	74.0	-21.12	Peak	243.00	150	Vertical	Pass
5**	11937.237	44.38	1.69	54.0	-9.62	AV	243.00	150	Vertical	Pass
6	15834.375	56.22	1.46	74.0	-17.78	Peak	239.00	150	Vertical	Pass
6**	15834.375	47.21	1.46	54.0	-6.79	AV	239.00	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	1592.600	41.58	-17.50	74.0	-32.42	Peak	64.00	150	Horizontal	Pass
1**	1592.600	31.13	-17.50	54.0	-22.87	AV	64.00	150	Horizontal	Pass
2	2797.300	43.61	-10.61	74.0	-30.39	Peak	359.00	150	Horizontal	Pass
2**	2797.300	34.89	-10.61	54.0	-19.11	AV	359.00	150	Horizontal	Pass
3	4074.400	48.77	-5.55	74.0	-25.23	Peak	315.00	150	Horizontal	Pass
3**	4074.400	39.06	-5.55	54.0	-14.94	AV	315.00	150	Horizontal	Pass
4	5299.400	108.79	-3.30	--	--	Peak	266.00	150	Horizontal	N/A
4**	5299.400	101.94	-3.30	--	--	AV	266.00	150	Horizontal	N/A
5	11640.825	52.69	-0.23	74.0	-21.31	Peak	311.00	150	Horizontal	Pass
5**	11640.825	43.93	-0.23	54.0	-10.07	AV	311.00	150	Horizontal	Pass
6	15849.862	55.92	1.33	74.0	-18.08	Peak	127.00	150	Horizontal	Pass
6**	15849.862	47.98	1.33	54.0	-6.02	AV	127.00	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	1496.800	41.40	-17.57	74.0	-32.60	Peak	110.00	150	Vertical	Pass
1**	1496.800	31.76	-17.57	54.0	-22.24	AV	110.00	150	Vertical	Pass
2	2807.000	43.76	-10.31	74.0	-30.24	Peak	267.00	150	Vertical	Pass
2**	2807.000	34.56	-10.31	54.0	-19.44	AV	267.00	150	Vertical	Pass
3	3962.000	49.16	-4.81	74.0	-24.84	Peak	205.00	150	Vertical	Pass
3**	3962.000	39.24	-4.81	54.0	-14.76	AV	205.00	150	Vertical	Pass
4	5301.600	106.80	-3.19	--	--	Peak	160.00	150	Vertical	N/A
4**	5301.600	99.36	-3.19	--	--	AV	160.00	150	Vertical	N/A
5	11663.537	53.60	0.16	74.0	-20.40	Peak	53.00	150	Vertical	Pass
5**	11663.537	42.80	0.16	54.0	-11.20	AV	53.00	150	Vertical	Pass
6	15620.437	56.20	1.64	74.0	-17.80	Peak	360.00	150	Vertical	Pass
6**	15620.437	46.53	1.64	54.0	-7.47	AV	360.00	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	1599.400	42.79	-17.61	74.0	-31.21	Peak	69.00	150	Horizontal	Pass
1**	1599.400	32.89	-17.61	54.0	-21.11	AV	69.00	150	Horizontal	Pass
2	2800.200	44.00	-10.55	74.0	-30.00	Peak	205.00	150	Horizontal	Pass
2**	2800.200	35.56	-10.55	54.0	-18.44	AV	205.00	150	Horizontal	Pass
3	4057.600	49.39	-4.88	74.0	-24.61	Peak	95.00	150	Horizontal	Pass
3**	4057.600	39.71	-4.88	54.0	-14.29	AV	95.00	150	Horizontal	Pass
4	5317.400	109.29	-2.80	--	--	Peak	257.00	150	Horizontal	N/A
4**	5317.400	101.78	-2.80	--	--	AV	257.00	150	Horizontal	N/A
5	11702.062	52.06	0.38	74.0	-21.94	Peak	75.00	150	Horizontal	Pass
5**	11702.062	44.10	0.38	54.0	-9.90	AV	75.00	150	Horizontal	Pass
6	15631.462	56.56	1.66	74.0	-17.44	Peak	1.00	150	Horizontal	Pass
6**	15631.462	47.08	1.66	54.0	-6.92	AV	1.00	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	1594.600	42.62	-17.52	74.0	-31.38	Peak	169.00	150	Vertical	Pass
1**	1594.600	31.44	-17.52	54.0	-22.56	AV	169.00	150	Vertical	Pass
2	2814.200	44.90	-10.04	74.0	-29.10	Peak	216.00	150	Vertical	Pass
2**	2814.200	35.93	-10.04	54.0	-18.07	AV	216.00	150	Vertical	Pass
3	4036.600	48.73	-4.80	74.0	-25.27	Peak	277.00	150	Vertical	Pass
3**	4036.600	39.98	-4.80	54.0	-14.02	AV	277.00	150	Vertical	Pass
4	5319.200	107.70	-2.78	--	--	Peak	162.00	150	Vertical	N/A
4**	5319.200	100.63	-2.78	--	--	AV	162.00	150	Vertical	N/A
5	11930.625	52.95	1.58	74.0	-21.05	Peak	172.00	150	Vertical	Pass
5**	11930.625	44.28	1.58	54.0	-9.72	AV	172.00	150	Vertical	Pass
6	15854.588	56.13	1.20	74.0	-17.87	Peak	73.00	150	Vertical	Pass
6**	15854.588	47.17	1.20	54.0	-6.83	AV	73.00	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	1598.000	43.18	-17.55	74.0	-30.82	Peak	171.00	150	Horizontal	Pass
1**	1598.000	36.39	-17.55	54.0	-17.61	AV	171.00	150	Horizontal	Pass
2	2859.100	44.61	-10.23	74.0	-29.39	Peak	0.00	150	Horizontal	Pass
2**	2859.100	35.22	-10.23	54.0	-18.78	AV	0.00	150	Horizontal	Pass
3	4010.400	48.31	-5.21	74.0	-25.69	Peak	48.00	150	Horizontal	Pass
3**	4010.400	39.14	-5.21	54.0	-14.86	AV	48.00	150	Horizontal	Pass
4	5268.400	107.68	-3.05	--	--	Peak	256.00	150	Horizontal	N/A
4**	5268.400	100.03	-3.05	--	--	AV	256.00	150	Horizontal	N/A
5	11588.787	52.69	-0.24	74.0	-21.31	Peak	311.00	150	Horizontal	Pass
5**	11588.787	42.43	-0.24	54.0	-11.57	AV	311.00	150	Horizontal	Pass
6	15621.224	56.40	1.65	74.0	-17.60	Peak	151.00	150	Horizontal	Pass
6**	15621.224	46.54	1.65	54.0	-7.46	AV	151.00	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	1597.600	40.90	-17.58	74.0	-33.10	Peak	59.00	150	Vertical	Pass
1**	1597.600	31.07	-17.58	54.0	-22.93	AV	59.00	150	Vertical	Pass
2	2809.500	44.56	-10.27	74.0	-29.44	Peak	311.00	150	Vertical	Pass
2**	2809.500	34.69	-10.27	54.0	-19.31	AV	311.00	150	Vertical	Pass
3	4028.600	49.07	-5.05	74.0	-24.93	Peak	330.00	150	Vertical	Pass
3**	4028.600	39.27	-5.05	54.0	-14.73	AV	330.00	150	Vertical	Pass
4	5267.600	103.93	-3.03	--	--	Peak	166.00	150	Vertical	N/A
4**	5267.600	95.81	-3.03	--	--	AV	166.00	150	Vertical	N/A
5	11949.025	54.09	1.43	74.0	-19.91	Peak	68.00	150	Vertical	Pass
5**	11949.025	43.57	1.43	54.0	-10.43	AV	68.00	150	Vertical	Pass
6	15842.250	55.97	1.41	74.0	-18.03	Peak	360.00	150	Vertical	Pass
6**	15842.250	47.45	1.41	54.0	-6.55	AV	360.00	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	1598.800	44.55	-17.57	74.0	-29.45	Peak	79.00	150	Horizontal	Pass
1**	1598.800	33.85	-17.57	54.0	-20.15	AV	79.00	150	Horizontal	Pass
2	2848.200	44.32	-10.27	74.0	-29.68	Peak	172.00	150	Horizontal	Pass
2**	2848.200	35.01	-10.27	54.0	-18.99	AV	172.00	150	Horizontal	Pass
3	3975.000	49.32	-5.41	74.0	-24.68	Peak	169.00	150	Horizontal	Pass
3**	3975.000	39.19	-5.41	54.0	-14.81	AV	169.00	150	Horizontal	Pass
4	5313.600	107.66	-2.68	--	--	Peak	264.00	150	Horizontal	N/A
4**	5313.600	100.25	-2.68	--	--	AV	264.00	150	Horizontal	N/A
5	11679.925	52.54	0.16	74.0	-21.46	Peak	214.00	150	Horizontal	Pass
5**	11679.925	42.84	0.16	54.0	-11.16	AV	214.00	150	Horizontal	Pass
6	15790.012	55.84	2.01	74.0	-18.16	Peak	147.00	150	Horizontal	Pass
6**	15790.012	45.94	2.01	54.0	-8.06	AV	147.00	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	1474.200	41.89	-17.53	74.0	-32.11	Peak	116.00	150	Vertical	Pass
1**	1474.200	30.09	-17.53	54.0	-23.91	AV	116.00	150	Vertical	Pass
2	2810.400	44.12	-10.22	74.0	-29.88	Peak	94.00	150	Vertical	Pass
2**	2810.400	35.62	-10.22	54.0	-18.38	AV	94.00	150	Vertical	Pass
3	3965.400	48.41	-4.80	74.0	-25.59	Peak	262.00	150	Vertical	Pass
3**	3965.400	39.89	-4.80	54.0	-14.11	AV	262.00	150	Vertical	Pass
4	5308.600	105.11	-2.93	--	--	Peak	169.00	150	Vertical	N/A
4**	5308.600	98.02	-2.93	--	--	AV	169.00	150	Vertical	N/A
5	11831.725	53.02	1.18	74.0	-20.98	Peak	0.00	150	Vertical	Pass
5**	11831.725	43.41	1.18	54.0	-10.59	AV	0.00	150	Vertical	Pass
6	15867.450	56.20	0.72	74.0	-17.80	Peak	101.00	150	Vertical	Pass
6**	15867.450	46.49	0.72	54.0	-7.51	AV	101.00	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	1558.200	41.97	-17.55	74.0	-32.03	Peak	64.00	150	Horizontal	Pass
1**	1558.200	30.81	-17.55	54.0	-23.19	AV	64.00	150	Horizontal	Pass
2	2754.000	43.80	-10.77	74.0	-30.20	Peak	210.00	150	Horizontal	Pass
2**	2754.000	34.33	-10.77	54.0	-19.67	AV	210.00	150	Horizontal	Pass
3	4138.200	49.10	-4.88	74.0	-24.90	Peak	289.00	150	Horizontal	Pass
3**	4138.200	40.70	-4.88	54.0	-13.30	AV	289.00	150	Horizontal	Pass
4	5258.400	109.56	-2.89	--	--	Peak	265.00	150	Horizontal	N/A
4**	5258.400	101.84	-2.89	--	--	AV	265.00	150	Horizontal	N/A
5	12005.950	53.28	1.27	74.0	-20.72	Peak	138.00	150	Horizontal	Pass
5**	12005.950	43.90	1.27	54.0	-10.10	AV	138.00	150	Horizontal	Pass
6	15839.100	56.47	1.45	74.0	-17.53	Peak	217.00	150	Horizontal	Pass
6**	15839.100	47.26	1.45	54.0	-6.74	AV	217.00	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	1599.600	42.39	-17.62	74.0	-31.61	Peak	160.00	150	Vertical	Pass
1**	1599.600	31.43	-17.62	54.0	-22.57	AV	160.00	150	Vertical	Pass
2	2812.700	44.08	-10.08	74.0	-29.92	Peak	19.00	150	Vertical	Pass
2**	2812.700	35.29	-10.08	54.0	-18.71	AV	19.00	150	Vertical	Pass
3	3967.200	49.02	-4.89	74.0	-24.98	Peak	145.00	150	Vertical	Pass
3**	3967.200	39.25	-4.89	54.0	-14.75	AV	145.00	150	Vertical	Pass
4	5261.400	106.18	-3.12	--	--	Peak	170.00	150	Vertical	N/A
4**	5261.400	98.94	-3.12	--	--	AV	170.00	150	Vertical	N/A
5	11737.425	52.39	0.81	74.0	-21.61	Peak	285.00	150	Vertical	Pass
5**	11737.425	42.79	0.81	54.0	-11.21	AV	285.00	150	Vertical	Pass
6	15834.112	56.05	1.46	74.0	-17.95	Peak	238.00	150	Vertical	Pass
6**	15834.112	46.99	1.46	54.0	-7.01	AV	238.00	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	1599.100	44.89	-17.59	74.0	-29.11	Peak	62.00	150	Horizontal	Pass
1**	1599.100	32.66	-17.59	54.0	-21.34	AV	62.00	150	Horizontal	Pass
2	2778.000	44.17	-10.42	74.0	-29.83	Peak	0.00	150	Horizontal	Pass
2**	2778.000	34.71	-10.42	54.0	-19.29	AV	0.00	150	Horizontal	Pass
3	4194.600	50.41	-4.79	74.0	-23.59	Peak	101.00	150	Horizontal	Pass
3**	4194.600	39.67	-4.79	54.0	-14.33	AV	101.00	150	Horizontal	Pass
4	5299.600	109.26	-3.31	--	--	Peak	270.00	150	Horizontal	N/A
4**	5299.600	102.56	-3.31	--	--	AV	270.00	150	Horizontal	N/A
5	11386.675	52.53	-0.24	74.0	-21.47	Peak	35.00	150	Horizontal	Pass
5**	11386.675	42.70	-0.24	54.0	-11.30	AV	35.00	150	Horizontal	Pass
6	15817.838	56.01	1.96	74.0	-17.99	Peak	104.00	150	Horizontal	Pass
6**	15817.838	46.38	1.96	54.0	-7.62	AV	104.00	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	1597.900	43.12	-17.56	74.0	-30.88	Peak	144.00	150	Vertical	Pass
1**	1597.900	31.06	-17.56	54.0	-22.94	AV	144.00	150	Vertical	Pass
2	2783.600	44.33	-10.55	74.0	-29.67	Peak	192.00	150	Vertical	Pass
2**	2783.600	34.35	-10.55	54.0	-19.65	AV	192.00	150	Vertical	Pass
3	3948.400	48.57	-4.88	74.0	-25.43	Peak	146.00	150	Vertical	Pass
3**	3948.400	39.71	-4.88	54.0	-14.29	AV	146.00	150	Vertical	Pass
4	5299.200	106.43	-3.30	--	--	Peak	172.00	150	Vertical	N/A
4**	5299.200	99.12	-3.30	--	--	AV	172.00	150	Vertical	N/A
5	11692.287	52.78	0.19	74.0	-21.22	Peak	0.00	150	Vertical	Pass
5**	11692.287	42.86	0.19	54.0	-11.14	AV	0.00	150	Vertical	Pass
6	15852.750	56.15	1.26	74.0	-17.85	Peak	285.00	150	Vertical	Pass
6**	15852.750	47.07	1.26	54.0	-6.93	AV	285.00	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	1599.900	43.11	-17.64	74.0	-30.89	Peak	70.00	150	Horizontal	Pass
1**	1599.900	35.27	-17.64	54.0	-18.73	AV	70.00	150	Horizontal	Pass
2	2853.200	44.22	-10.28	74.0	-29.78	Peak	263.00	150	Horizontal	Pass
2**	2853.200	34.26	-10.28	54.0	-19.74	AV	263.00	150	Horizontal	Pass
3	4064.400	48.99	-5.27	74.0	-25.01	Peak	73.00	150	Horizontal	Pass
3**	4064.400	39.53	-5.27	54.0	-14.47	AV	73.00	150	Horizontal	Pass
4	5320.800	109.55	-2.78	--	--	Peak	269.00	150	Horizontal	N/A
4**	5320.800	101.95	-2.78	--	--	AV	269.00	150	Horizontal	N/A
5	11229.987	52.57	-0.29	74.0	-21.43	Peak	208.00	150	Horizontal	Pass
5**	11229.987	42.84	-0.29	54.0	-11.16	AV	208.00	150	Horizontal	Pass
6	15835.425	56.43	1.45	74.0	-17.57	Peak	205.00	150	Horizontal	Pass
6**	15835.425	47.70	1.45	54.0	-6.30	AV	205.00	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	1593.800	42.25	-17.45	74.0	-31.75	Peak	74.00	150	Vertical	Pass
1**	1593.800	31.09	-17.45	54.0	-22.91	AV	74.00	150	Vertical	Pass
2	2799.300	44.14	-10.57	74.0	-29.86	Peak	22.00	150	Vertical	Pass
2**	2799.300	34.98	-10.57	54.0	-19.02	AV	22.00	150	Vertical	Pass
3	4037.800	49.08	-4.75	74.0	-24.92	Peak	53.00	150	Vertical	Pass
3**	4037.800	39.92	-4.75	54.0	-14.08	AV	53.00	150	Vertical	Pass
4	5318.400	106.76	-2.79	--	--	Peak	179.00	150	Vertical	N/A
4**	5318.400	99.08	-2.79	--	--	AV	179.00	150	Vertical	N/A
5	11335.500	52.97	0.35	74.0	-21.03	Peak	101.00	150	Vertical	Pass
5**	11335.500	42.90	0.35	54.0	-11.10	AV	101.00	150	Vertical	Pass
6	15855.112	56.35	1.19	74.0	-17.65	Peak	165.00	150	Vertical	Pass
6**	15855.112	47.25	1.19	54.0	-6.75	AV	165.00	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	1599.100	41.45	-17.59	74.0	-32.55	Peak	63.00	150	Horizontal	Pass
1**	1599.100	31.73	-17.59	54.0	-22.27	AV	63.00	150	Horizontal	Pass
2	2834.800	44.57	-10.39	74.0	-29.43	Peak	281.00	150	Horizontal	Pass
2**	2834.800	35.19	-10.39	54.0	-18.81	AV	281.00	150	Horizontal	Pass
3	4042.000	49.60	-4.86	74.0	-24.40	Peak	54.00	150	Horizontal	Pass
3**	4042.000	39.20	-4.86	54.0	-14.80	AV	54.00	150	Horizontal	Pass
4	5321.600	109.72	-2.76	--	--	Peak	253.00	150	Horizontal	N/A
4**	5321.600	102.03	-2.76	--	--	AV	253.00	150	Horizontal	N/A
5	12082.425	53.10	0.57	74.0	-20.90	Peak	203.00	150	Horizontal	Pass
5**	12082.425	43.28	0.57	54.0	-10.72	AV	203.00	150	Horizontal	Pass
6	15843.299	56.23	1.39	74.0	-17.77	Peak	28.00	150	Horizontal	Pass
6**	15843.299	47.44	1.39	54.0	-6.56	AV	28.00	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	1547.500	41.22	-17.55	74.0	-32.78	Peak	5.00	150	Vertical	Pass
1**	1547.500	29.98	-17.55	54.0	-24.02	AV	5.00	150	Vertical	Pass
2	2771.500	44.19	-10.49	74.0	-29.81	Peak	282.00	150	Vertical	Pass
2**	2771.500	33.96	-10.49	54.0	-20.04	AV	282.00	150	Vertical	Pass
3	3934.400	48.51	-5.81	74.0	-25.49	Peak	270.00	150	Vertical	Pass
3**	3934.400	39.43	-5.81	54.0	-14.57	AV	270.00	150	Vertical	Pass
4	5322.200	107.51	-2.75	--	--	Peak	163.00	150	Vertical	N/A
4**	5322.200	99.32	-2.75	--	--	AV	163.00	150	Vertical	N/A
5	11638.813	52.70	-0.23	74.0	-21.30	Peak	222.00	150	Vertical	Pass
5**	11638.813	43.74	-0.23	54.0	-10.26	AV	222.00	150	Vertical	Pass
6	15839.362	57.27	1.45	74.0	-16.73	Peak	130.00	150	Vertical	Pass
6**	15839.362	48.29	1.45	54.0	-5.71	AV	130.00	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	1597.600	43.47	-17.58	74.0	-30.53	Peak	67.00	150	Horizontal	Pass
1**	1597.600	36.13	-17.58	54.0	-17.87	AV	67.00	150	Horizontal	Pass
2	2767.200	44.64	-10.75	74.0	-29.36	Peak	0.00	150	Horizontal	Pass
2**	2767.200	35.41	-10.75	54.0	-18.59	AV	0.00	150	Horizontal	Pass
3	3994.200	49.32	-5.41	74.0	-24.68	Peak	207.00	150	Horizontal	Pass
3**	3994.200	39.77	-5.41	54.0	-14.23	AV	207.00	150	Horizontal	Pass
4	5319.400	109.91	-2.78	--	--	Peak	257.00	150	Horizontal	N/A
4**	5319.400	103.00	-2.78	--	--	AV	257.00	150	Horizontal	N/A
5	11194.338	52.84	-0.38	74.0	-21.16	Peak	0.00	150	Horizontal	Pass
5**	11194.338	42.87	-0.38	54.0	-11.13	AV	0.00	150	Horizontal	Pass
6	15826.763	56.19	1.59	74.0	-17.81	Peak	322.00	150	Horizontal	Pass
6**	15826.763	47.23	1.59	54.0	-6.77	AV	322.00	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	1527.900	40.92	-17.46	74.0	-33.08	Peak	35.00	150	Vertical	Pass
1**	1527.900	30.09	-17.46	54.0	-23.91	AV	35.00	150	Vertical	Pass
2	2771.400	43.50	-10.49	74.0	-30.50	Peak	333.00	150	Vertical	Pass
2**	2771.400	34.76	-10.49	54.0	-19.24	AV	333.00	150	Vertical	Pass
3	3987.800	48.06	-5.70	74.0	-25.94	Peak	3.00	150	Vertical	Pass
3**	3987.800	39.47	-5.70	54.0	-14.53	AV	3.00	150	Vertical	Pass
4	5322.200	107.05	-2.75	--	--	Peak	181.00	150	Vertical	N/A
4**	5322.200	99.19	-2.75	--	--	AV	181.00	150	Vertical	N/A
5	11562.625	53.30	-0.43	74.0	-20.70	Peak	130.00	150	Vertical	Pass
5**	11562.625	43.83	-0.43	54.0	-10.17	AV	130.00	150	Vertical	Pass
6	15606.787	56.46	1.16	74.0	-17.54	Peak	113.00	150	Vertical	Pass
6**	15606.787	46.33	1.16	54.0	-7.67	AV	113.00	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	1598.700	42.90	-17.56	74.0	-31.10	Peak	77.00	150	Horizontal	Pass
1**	1598.700	31.53	-17.56	54.0	-22.47	AV	77.00	150	Horizontal	Pass
2	2818.300	44.81	-10.22	74.0	-29.19	Peak	357.00	150	Horizontal	Pass
2**	2818.300	33.96	-10.22	54.0	-20.04	AV	357.00	150	Horizontal	Pass
3	4145.000	49.44	-4.85	74.0	-24.56	Peak	133.00	150	Horizontal	Pass
3**	4145.000	40.09	-4.85	54.0	-13.91	AV	133.00	150	Horizontal	Pass
4	5292.600	104.30	-3.23	--	--	Peak	265.00	150	Horizontal	N/A
4**	5292.600	96.65	-3.23	--	--	AV	265.00	150	Horizontal	N/A
5	11938.099	53.22	1.69	74.0	-20.78	Peak	330.00	150	Horizontal	Pass
5**	11938.099	44.37	1.69	54.0	-9.63	AV	330.00	150	Horizontal	Pass
6	15865.349	56.38	0.80	74.0	-17.62	Peak	60.00	150	Horizontal	Pass
6**	15865.349	46.26	0.80	54.0	-7.74	AV	60.00	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	1567.400	40.61	-17.53	74.0	-33.39	Peak	5.00	150	Vertical	Pass
1**	1567.400	31.15	-17.53	54.0	-22.85	AV	5.00	150	Vertical	Pass
2	2769.700	44.53	-10.59	74.0	-29.47	Peak	55.00	150	Vertical	Pass
2**	2769.700	34.49	-10.59	54.0	-19.51	AV	55.00	150	Vertical	Pass
3	3963.400	49.14	-4.80	74.0	-24.86	Peak	360.00	150	Vertical	Pass
3**	3963.400	39.35	-4.80	54.0	-14.65	AV	360.00	150	Vertical	Pass
4	5294.000	101.08	-3.28	--	--	Peak	205.00	150	Vertical	N/A
4**	5294.000	93.69	-3.28	--	--	AV	205.00	150	Vertical	N/A
5	11651.463	52.99	-0.12	74.0	-21.01	Peak	307.00	150	Vertical	Pass
5**	11651.463	44.19	-0.12	54.0	-9.81	AV	307.00	150	Vertical	Pass
6	15851.437	56.05	1.29	74.0	-17.95	Peak	140.00	150	Vertical	Pass
6**	15851.437	47.04	1.29	54.0	-6.96	AV	140.00	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	1195.000	35.87	-17.88	74.0	-38.13	Peak	86.00	150	Horizontal	Pass
1**	1195.000	39.87	-17.88	54.0	-14.13	AV	86.00	150	Horizontal	Pass
2	2821.600	43.78	-10.23	74.0	-30.22	Peak	138.00	150	Horizontal	Pass
2**	2821.600	36.06	-10.23	54.0	-17.94	AV	138.00	150	Horizontal	Pass
3	4268.200	49.31	-4.52	74.0	-24.69	Peak	217.00	150	Horizontal	Pass
3**	4268.200	43.40	-4.52	54.0	-10.60	AV	217.00	150	Horizontal	Pass
4	5501.800	109.35	-2.20	--	--	Peak	271.00	150	Horizontal	N/A
4**	5501.800	102.18	-2.20	--	--	AV	271.00	150	Horizontal	N/A
5	12327.088	53.16	1.42	74.0	-20.84	Peak	31.00	150	Horizontal	Pass
5**	12327.088	43.82	1.42	54.0	-10.18	AV	31.00	150	Horizontal	Pass
6	15846.450	56.33	1.36	74.0	-17.67	Peak	0.00	150	Horizontal	Pass
6**	15846.450	47.07	1.36	54.0	-6.93	AV	0.00	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	1194.900	43.22	-17.88	74.0	-30.78	Peak	329.00	150	Vertical	Pass
1**	1194.900	29.61	-17.88	54.0	-24.39	AV	329.00	150	Vertical	Pass
2	2835.300	44.44	-10.40	74.0	-29.56	Peak	88.00	150	Vertical	Pass
2**	2835.300	34.90	-10.40	54.0	-19.10	AV	88.00	150	Vertical	Pass
3	4254.000	50.53	-5.00	74.0	-23.47	Peak	187.00	150	Vertical	Pass
3**	4254.000	41.42	-5.00	54.0	-12.58	AV	187.00	150	Vertical	Pass
4	5500.800	107.12	-2.16	--	--	Peak	130.00	150	Vertical	N/A
4**	5500.800	99.44	-2.16	--	--	AV	130.00	150	Vertical	N/A
5	12265.275	53.40	1.30	74.0	-20.60	Peak	345.00	150	Vertical	Pass
5**	12265.275	43.61	1.30	54.0	-10.39	AV	345.00	150	Vertical	Pass
6	15812.325	56.05	2.12	74.0	-17.95	Peak	269.00	150	Vertical	Pass
6**	15812.325	46.70	2.12	54.0	-7.30	AV	269.00	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	1199.400	41.90	-17.82	74.0	-32.10	Peak	223.00	150	Horizontal	Pass
1**	1199.400	29.34	-17.82	54.0	-24.66	AV	223.00	150	Horizontal	Pass
2	2847.400	44.43	-10.29	74.0	-29.57	Peak	278.00	150	Horizontal	Pass
2**	2847.400	35.20	-10.29	54.0	-18.80	AV	278.00	150	Horizontal	Pass
3	4261.200	49.70	-4.68	74.0	-24.30	Peak	354.00	150	Horizontal	Pass
3**	4261.200	40.39	-4.68	54.0	-13.61	AV	354.00	150	Horizontal	Pass
4	5580.600	110.96	-2.25	--	--	Peak	273.00	150	Horizontal	N/A
4**	5580.600	102.96	-2.25	--	--	AV	273.00	150	Horizontal	N/A
5	12251.763	53.50	0.96	74.0	-20.50	Peak	360.00	150	Horizontal	Pass
5**	12251.763	44.12	0.96	54.0	-9.88	AV	360.00	150	Horizontal	Pass
6	16089.000	56.18	1.45	74.0	-17.82	Peak	356.00	150	Horizontal	Pass
6**	16089.000	47.83	1.45	54.0	-6.17	AV	356.00	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	1194.800	42.17	-17.88	74.0	-31.83	Peak	305.00	150	Vertical	Pass
1**	1194.800	30.07	-17.88	54.0	-23.93	AV	305.00	150	Vertical	Pass
2	2866.800	44.18	-10.39	74.0	-29.82	Peak	115.00	150	Vertical	Pass
2**	2866.800	35.12	-10.39	54.0	-18.88	AV	115.00	150	Vertical	Pass
3	4264.600	51.04	-4.66	74.0	-22.96	Peak	135.00	150	Vertical	Pass
3**	4264.600	44.69	-4.66	54.0	-9.31	AV	135.00	150	Vertical	Pass
4	5579.200	106.53	-2.18	--	--	Peak	0.00	150	Vertical	N/A
4**	5579.200	99.13	-2.18	--	--	AV	0.00	150	Vertical	N/A
5	12568.588	53.22	1.72	74.0	-20.78	Peak	92.00	150	Vertical	Pass
5**	12568.588	45.51	1.72	54.0	-8.49	AV	92.00	150	Vertical	Pass
6	15822.562	55.84	1.76	74.0	-18.16	Peak	65.00	150	Vertical	Pass
6**	15822.562	46.95	1.76	54.0	-7.05	AV	65.00	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	1049.800	40.31	-18.42	74.0	-33.69	Peak	143.00	150	Horizontal	Pass
1**	1049.800	33.86	-18.42	54.0	-20.14	AV	143.00	150	Horizontal	Pass
2	2786.400	44.49	-10.47	74.0	-29.51	Peak	197.00	150	Horizontal	Pass
2**	2786.400	35.01	-10.47	54.0	-18.99	AV	197.00	150	Horizontal	Pass
3	4208.600	49.94	-5.22	74.0	-24.06	Peak	16.00	150	Horizontal	Pass
3**	4208.600	39.56	-5.22	54.0	-14.44	AV	16.00	150	Horizontal	Pass
4	5699.000	108.72	-2.03	--	--	Peak	241.00	150	Horizontal	N/A
4**	5699.000	101.46	-2.03	--	--	AV	241.00	150	Horizontal	N/A
5	12330.825	53.48	1.40	74.0	-20.52	Peak	270.00	150	Horizontal	Pass
5**	12330.825	44.30	1.40	54.0	-9.70	AV	270.00	150	Horizontal	Pass
6	16043.588	55.69	0.76	74.0	-18.31	Peak	135.00	150	Horizontal	Pass
6**	16043.588	46.80	0.76	54.0	-7.20	AV	135.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.400	44.80	-17.86	74.0	-29.20	Peak	357.00	150	Vertical	Pass
1**	1200.400	29.90	-17.86	54.0	-24.10	AV	357.00	150	Vertical	Pass
2	2879.300	44.02	-10.27	74.0	-29.98	Peak	357.00	150	Vertical	Pass
2**	2879.300	35.02	-10.27	54.0	-18.98	AV	357.00	150	Vertical	Pass
3	4260.200	52.03	-4.70	74.0	-21.97	Peak	186.00	150	Vertical	Pass
3**	4260.200	43.04	-4.70	54.0	-10.96	AV	186.00	150	Vertical	Pass
4	5700.400	107.76	-2.06	--	--	Peak	0.00	150	Vertical	N/A
4**	5700.400	100.03	-2.06	--	--	AV	0.00	150	Vertical	N/A
5	12045.912	53.16	0.94	74.0	-20.84	Peak	214.00	150	Vertical	Pass
5**	12045.912	44.14	0.94	54.0	-9.86	AV	214.00	150	Vertical	Pass
6	16087.687	56.50	1.48	74.0	-17.50	Peak	238.00	150	Vertical	Pass
6**	16087.687	47.33	1.48	54.0	-6.67	AV	238.00	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	1195.800	34.84	-17.91	74.0	-39.16	Peak	5.00	150	Horizontal	Pass
1**	1195.800	38.66	-17.91	54.0	-15.34	AV	5.00	150	Horizontal	Pass
2	2807.000	44.61	-10.31	74.0	-29.39	Peak	171.00	150	Horizontal	Pass
2**	2807.000	34.99	-10.31	54.0	-19.01	AV	171.00	150	Horizontal	Pass
3	4240.000	49.51	-4.73	74.0	-24.49	Peak	214.00	150	Horizontal	Pass
3**	4240.000	40.05	-4.73	54.0	-13.95	AV	214.00	150	Horizontal	Pass
4	5501.000	109.37	-2.17	--	--	Peak	243.00	150	Horizontal	N/A
4**	5501.000	101.74	-2.17	--	--	AV	243.00	150	Horizontal	N/A
5	12225.025	52.81	1.31	74.0	-21.19	Peak	342.00	150	Horizontal	Pass
5**	12225.025	44.78	1.31	54.0	-9.22	AV	342.00	150	Horizontal	Pass
6	15820.463	56.01	1.85	74.0	-17.99	Peak	326.00	150	Horizontal	Pass
6**	15820.463	48.69	1.85	54.0	-5.31	AV	326.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.900	42.16	-17.86	74.0	-31.84	Peak	33.00	150	Vertical	Pass
1**	1197.900	28.36	-17.86	54.0	-25.64	AV	33.00	150	Vertical	Pass
2	2765.700	44.57	-10.79	74.0	-29.43	Peak	283.00	150	Vertical	Pass
2**	2765.700	34.48	-10.79	54.0	-19.52	AV	283.00	150	Vertical	Pass
3	4242.600	50.30	-4.87	74.0	-23.70	Peak	74.00	150	Vertical	Pass
3**	4242.600	42.92	-4.87	54.0	-11.08	AV	74.00	150	Vertical	Pass
4	5499.000	106.35	-2.08	--	--	Peak	130.00	150	Vertical	N/A
4**	5499.000	99.31	-2.08	--	--	AV	130.00	150	Vertical	N/A
5	12234.225	53.54	1.18	74.0	-20.46	Peak	350.00	150	Vertical	Pass
5**	12234.225	44.27	1.18	54.0	-9.73	AV	350.00	150	Vertical	Pass
6	15851.175	56.54	1.30	74.0	-17.46	Peak	0.00	150	Vertical	Pass
6**	15851.175	47.56	1.30	54.0	-6.44	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1343.100	39.94	-17.32	74.0	-34.06	Peak	267.00	150	Horizontal	Pass
1**	1343.100	29.51	-17.32	54.0	-24.49	AV	267.00	150	Horizontal	Pass
2	2824.300	44.65	-10.33	74.0	-29.35	Peak	27.00	150	Horizontal	Pass
2**	2824.300	34.43	-10.33	54.0	-19.57	AV	27.00	150	Horizontal	Pass
3	4243.200	49.29	-4.87	74.0	-24.71	Peak	107.00	150	Horizontal	Pass
3**	4243.200	40.24	-4.87	54.0	-13.76	AV	107.00	150	Horizontal	Pass
4	5500.800	111.05	-2.16	--	--	Peak	267.00	150	Horizontal	N/A
4**	5500.800	104.19	-2.16	--	--	AV	267.00	150	Horizontal	N/A
5	11670.150	52.86	0.23	74.0	-21.14	Peak	124.00	150	Horizontal	Pass
5**	11670.150	42.85	0.23	54.0	-11.15	AV	124.00	150	Horizontal	Pass
6	15835.688	56.39	1.45	74.0	-17.61	Peak	274.00	150	Horizontal	Pass
6**	15835.688	47.36	1.45	54.0	-6.64	AV	274.00	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	1528.200	40.02	-17.44	74.0	-33.98	Peak	27.00	150	Vertical	Pass
1**	1528.200	29.78	-17.44	54.0	-24.22	AV	27.00	150	Vertical	Pass
2	2842.800	44.57	-10.27	74.0	-29.43	Peak	99.00	150	Vertical	Pass
2**	2842.800	35.23	-10.27	54.0	-18.77	AV	99.00	150	Vertical	Pass
3	4060.000	50.18	-4.98	74.0	-23.82	Peak	360.00	150	Vertical	Pass
3**	4060.000	38.63	-4.98	54.0	-15.37	AV	360.00	150	Vertical	Pass
4	5501.000	106.29	-2.17	--	--	Peak	339.00	150	Vertical	N/A
4**	5501.000	100.28	-2.17	--	--	AV	339.00	150	Vertical	N/A
5	11650.025	53.23	-0.16	74.0	-20.77	Peak	329.00	150	Vertical	Pass
5**	11650.025	42.93	-0.16	54.0	-11.07	AV	329.00	150	Vertical	Pass
6	15847.500	56.31	1.35	74.0	-17.69	Peak	344.00	150	Vertical	Pass
6**	15847.500	47.04	1.35	54.0	-6.96	AV	344.00	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	1552.300	42.71	-17.41	74.0	-31.29	Peak	189.00	150	Horizontal	Pass
1**	1552.300	30.59	-17.41	54.0	-23.41	AV	189.00	150	Horizontal	Pass
2	2255.100	48.10	-12.56	74.0	-25.90	Peak	85.00	150	Horizontal	Pass
2**	2255.100	35.89	-12.56	54.0	-18.11	AV	85.00	150	Horizontal	Pass
3	4017.600	49.47	-5.13	74.0	-24.53	Peak	143.00	150	Horizontal	Pass
3**	4017.600	39.32	-5.13	54.0	-14.68	AV	143.00	150	Horizontal	Pass
4	5578.400	111.01	-2.13	--	--	Peak	290.00	150	Horizontal	N/A
4**	5578.400	102.86	-2.13	--	--	AV	290.00	150	Horizontal	N/A
5	11358.213	52.59	-0.21	74.0	-21.41	Peak	222.00	150	Horizontal	Pass
5**	11358.213	43.65	-0.21	54.0	-10.35	AV	222.00	150	Horizontal	Pass
6	15633.037	56.05	1.61	74.0	-17.95	Peak	335.00	150	Horizontal	Pass
6**	15633.037	46.89	1.61	54.0	-7.11	AV	335.00	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	1378.700	41.32	-17.39	74.0	-32.68	Peak	133.00	150	Vertical	Pass
1**	1378.700	30.39	-17.39	54.0	-23.61	AV	133.00	150	Vertical	Pass
2	2793.100	44.60	-10.67	74.0	-29.40	Peak	309.00	150	Vertical	Pass
2**	2793.100	34.17	-10.67	54.0	-19.83	AV	309.00	150	Vertical	Pass
3	4834.800	52.05	-3.46	74.0	-21.95	Peak	243.00	150	Vertical	Pass
3**	4834.800	42.21	-3.46	54.0	-11.79	AV	243.00	150	Vertical	Pass
4	5579.000	106.07	-2.17	--	--	Peak	0.00	150	Vertical	N/A
4**	5579.000	99.52	-2.17	--	--	AV	0.00	150	Vertical	N/A
5	11629.325	52.87	-0.19	74.0	-21.13	Peak	82.00	150	Vertical	Pass
5**	11629.325	43.27	-0.19	54.0	-10.73	AV	82.00	150	Vertical	Pass
6	15845.137	56.03	1.37	74.0	-17.97	Peak	308.00	150	Vertical	Pass
6**	15845.137	47.00	1.37	54.0	-7.00	AV	308.00	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	1598.000	40.38	-17.55	74.0	-33.62	Peak	197.00	150	Horizontal	Pass
1**	1598.000	29.81	-17.55	54.0	-24.19	AV	197.00	150	Horizontal	Pass
2	2866.700	44.08	-10.39	74.0	-29.92	Peak	118.00	150	Horizontal	Pass
2**	2866.700	34.72	-10.39	54.0	-19.28	AV	118.00	150	Horizontal	Pass
3	4279.000	49.81	-4.55	74.0	-24.19	Peak	94.00	150	Horizontal	Pass
3**	4279.000	39.95	-4.55	54.0	-14.05	AV	94.00	150	Horizontal	Pass
4	5701.200	109.40	-2.10	--	--	Peak	291.00	150	Horizontal	N/A
4**	5701.200	101.31	-2.10	--	--	AV	291.00	150	Horizontal	N/A
5	12291.724	53.32	1.63	74.0	-20.68	Peak	310.00	150	Horizontal	Pass
5**	12291.724	44.69	1.63	54.0	-9.31	AV	310.00	150	Horizontal	Pass
6	15842.513	56.46	1.41	74.0	-17.54	Peak	115.00	150	Horizontal	Pass
6**	15842.513	47.52	1.41	54.0	-6.48	AV	115.00	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	1532.900	40.80	-17.56	74.0	-33.20	Peak	148.00	150	Vertical	Pass
1**	1532.900	32.66	-17.56	54.0	-21.34	AV	148.00	150	Vertical	Pass
2	2879.500	45.03	-10.26	74.0	-28.97	Peak	100.00	150	Vertical	Pass
2**	2879.500	35.05	-10.26	54.0	-18.95	AV	100.00	150	Vertical	Pass
3	4912.600	52.17	-2.27	74.0	-21.83	Peak	286.00	150	Vertical	Pass
3**	4912.600	43.31	-2.27	54.0	-10.69	AV	286.00	150	Vertical	Pass
4	5699.200	105.67	-2.03	--	--	Peak	9.00	150	Vertical	N/A
4**	5699.200	98.67	-2.03	--	--	AV	9.00	150	Vertical	N/A
5	12218.700	53.73	1.21	74.0	-20.27	Peak	46.00	150	Vertical	Pass
5**	12218.700	44.09	1.21	54.0	-9.91	AV	46.00	150	Vertical	Pass
6	15856.425	56.87	1.12	74.0	-17.13	Peak	16.00	150	Vertical	Pass
6**	15856.425	46.59	1.12	54.0	-7.41	AV	16.00	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	1355.100	40.36	-17.37	74.0	-33.64	Peak	266.00	150	Horizontal	Pass
1**	1355.100	30.40	-17.37	54.0	-23.60	AV	266.00	150	Horizontal	Pass
2	2839.000	44.70	-10.25	74.0	-29.30	Peak	224.00	150	Horizontal	Pass
2**	2839.000	35.33	-10.25	54.0	-18.67	AV	224.00	150	Horizontal	Pass
3	4259.600	51.03	-4.73	74.0	-22.97	Peak	268.00	150	Horizontal	Pass
3**	4259.600	40.94	-4.73	54.0	-13.06	AV	268.00	150	Horizontal	Pass
4	5508.400	108.52	-2.50	--	--	Peak	293.00	150	Horizontal	N/A
4**	5508.400	101.16	-2.50	--	--	AV	293.00	150	Horizontal	N/A
5	12228.763	52.78	1.30	74.0	-21.22	Peak	291.00	150	Horizontal	Pass
5**	12228.763	44.32	1.30	54.0	-9.68	AV	291.00	150	Horizontal	Pass
6	16041.487	56.12	0.78	74.0	-17.88	Peak	236.00	150	Horizontal	Pass
6**	16041.487	46.32	0.78	54.0	-7.68	AV	236.00	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	1502.500	42.10	-17.49	74.0	-31.90	Peak	27.00	150	Vertical	Pass
1**	1502.500	33.82	-17.49	54.0	-20.18	AV	27.00	150	Vertical	Pass
2	2857.600	44.05	-10.28	74.0	-29.95	Peak	51.00	150	Vertical	Pass
2**	2857.600	34.98	-10.28	54.0	-19.02	AV	51.00	150	Vertical	Pass
3	4808.600	52.72	-2.95	74.0	-21.28	Peak	106.00	150	Vertical	Pass
3**	4808.600	43.93	-2.95	54.0	-10.07	AV	106.00	150	Vertical	Pass
4	5508.600	104.74	-2.52	--	--	Peak	352.00	150	Vertical	N/A
4**	5508.600	97.29	-2.52	--	--	AV	352.00	150	Vertical	N/A
5	11649.162	52.86	-0.17	74.0	-21.14	Peak	104.00	150	Vertical	Pass
5**	11649.162	42.82	-0.17	54.0	-11.18	AV	104.00	150	Vertical	Pass
6	15852.750	56.27	1.26	74.0	-17.73	Peak	360.00	150	Vertical	Pass
6**	15852.750	47.08	1.26	54.0	-6.92	AV	360.00	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	1331.800	40.02	-17.42	74.0	-33.98	Peak	171.00	150	Horizontal	Pass
1**	1331.800	29.40	-17.42	54.0	-24.60	AV	171.00	150	Horizontal	Pass
2	2856.100	44.38	-10.33	74.0	-29.62	Peak	171.00	150	Horizontal	Pass
2**	2856.100	34.91	-10.33	54.0	-19.09	AV	171.00	150	Horizontal	Pass
3	4799.800	52.00	-2.55	74.0	-22.00	Peak	8.00	150	Horizontal	Pass
3**	4799.800	44.73	-2.55	54.0	-9.27	AV	8.00	150	Horizontal	Pass
4	5592.000	109.07	-2.41	--	--	Peak	292.00	150	Horizontal	N/A
4**	5592.000	101.84	-2.41	--	--	AV	292.00	150	Horizontal	N/A
5	12230.200	53.65	1.30	74.0	-20.35	Peak	274.00	150	Horizontal	Pass
5**	12230.200	44.22	1.30	54.0	-9.78	AV	274.00	150	Horizontal	Pass
6	16081.388	57.17	1.61	74.0	-16.83	Peak	137.00	150	Horizontal	Pass
6**	16081.388	47.14	1.61	54.0	-6.86	AV	137.00	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	1599.300	41.12	-17.60	74.0	-32.88	Peak	186.00	150	Vertical	Pass
1**	1599.300	30.85	-17.60	54.0	-23.15	AV	186.00	150	Vertical	Pass
2	2839.400	44.21	-10.24	74.0	-29.79	Peak	332.00	150	Vertical	Pass
2**	2839.400	34.63	-10.24	54.0	-19.37	AV	332.00	150	Vertical	Pass
3	4768.600	52.55	-3.17	74.0	-21.45	Peak	236.00	150	Vertical	Pass
3**	4768.600	42.96	-3.17	54.0	-11.04	AV	236.00	150	Vertical	Pass
4	5588.000	103.91	-2.30	--	--	Peak	336.00	150	Vertical	N/A
4**	5588.000	96.52	-2.30	--	--	AV	336.00	150	Vertical	N/A
5	11940.975	53.29	1.66	74.0	-20.71	Peak	83.00	150	Vertical	Pass
5**	11940.975	44.57	1.66	54.0	-9.43	AV	83.00	150	Vertical	Pass
6	16091.888	56.49	1.39	74.0	-17.51	Peak	16.00	150	Vertical	Pass
6**	16091.888	47.14	1.39	54.0	-6.86	AV	16.00	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	1351.600	39.71	-17.42	74.0	-34.29	Peak	266.00	150	Horizontal	Pass
1**	1351.600	29.50	-17.42	54.0	-24.50	AV	266.00	150	Horizontal	Pass
2	2720.300	44.02	-11.16	74.0	-29.98	Peak	0.00	150	Horizontal	Pass
2**	2720.300	34.12	-11.16	54.0	-19.88	AV	0.00	150	Horizontal	Pass
3	4897.400	52.16	-2.94	74.0	-21.84	Peak	84.00	150	Horizontal	Pass
3**	4897.400	42.91	-2.94	54.0	-11.09	AV	84.00	150	Horizontal	Pass
4	5667.800	108.66	-2.37	--	--	Peak	296.00	150	Horizontal	N/A
4**	5667.800	100.15	-2.37	--	--	AV	296.00	150	Horizontal	N/A
5	12224.737	53.78	1.30	74.0	-20.22	Peak	0.00	150	Horizontal	Pass
5**	12224.737	43.83	1.30	54.0	-10.17	AV	0.00	150	Horizontal	Pass
6	15849.862	55.41	1.33	74.0	-18.59	Peak	344.00	150	Horizontal	Pass
6**	15849.862	47.26	1.33	54.0	-6.74	AV	344.00	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	1050.400	40.16	-18.43	74.0	-33.84	Peak	25.00	150	Vertical	Pass
1**	1050.400	34.79	-18.43	54.0	-19.21	AV	25.00	150	Vertical	Pass
2	2804.400	44.25	-10.38	74.0	-29.75	Peak	214.00	150	Vertical	Pass
2**	2804.400	34.65	-10.38	54.0	-19.35	AV	214.00	150	Vertical	Pass
3	4912.800	52.53	-2.25	74.0	-21.47	Peak	169.00	150	Vertical	Pass
3**	4912.800	44.22	-2.25	54.0	-9.78	AV	169.00	150	Vertical	Pass
4	5671.600	104.01	-2.38	--	--	Peak	9.00	150	Vertical	N/A
4**	5671.600	96.20	-2.38	--	--	AV	9.00	150	Vertical	N/A
5	11359.075	52.39	-0.23	74.0	-21.61	Peak	274.00	150	Vertical	Pass
5**	11359.075	42.28	-0.23	54.0	-11.72	AV	274.00	150	Vertical	Pass
6	15863.775	55.83	0.84	74.0	-18.17	Peak	199.00	150	Vertical	Pass
6**	15863.775	46.20	0.84	54.0	-7.80	AV	199.00	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	1594.700	41.81	-17.53	74.0	-32.19	Peak	73.00	150	Horizontal	Pass
1**	1594.700	29.13	-17.53	54.0	-24.87	AV	73.00	150	Horizontal	Pass
2	2772.800	43.40	-10.48	74.0	-30.60	Peak	105.00	150	Horizontal	Pass
2**	2772.800	35.08	-10.48	54.0	-18.92	AV	105.00	150	Horizontal	Pass
3	4799.600	52.64	-2.55	74.0	-21.36	Peak	232.00	150	Horizontal	Pass
3**	4799.600	43.88	-2.55	54.0	-10.12	AV	232.00	150	Horizontal	Pass
4	5501.000	110.94	-2.17	--	--	Peak	294.00	150	Horizontal	N/A
4**	5501.000	103.85	-2.17	--	--	AV	294.00	150	Horizontal	N/A
5	12222.437	53.02	1.26	74.0	-20.98	Peak	328.00	150	Horizontal	Pass
5**	12222.437	43.80	1.26	54.0	-10.20	AV	328.00	150	Horizontal	Pass
6	15850.125	56.91	1.33	74.0	-17.09	Peak	125.00	150	Horizontal	Pass
6**	15850.125	46.84	1.33	54.0	-7.16	AV	125.00	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	1201.900	39.63	-17.86	74.0	-34.37	Peak	116.00	150	Vertical	Pass
1**	1201.900	29.51	-17.86	54.0	-24.49	AV	116.00	150	Vertical	Pass
2	2804.500	44.08	-10.38	74.0	-29.92	Peak	355.00	150	Vertical	Pass
2**	2804.500	34.94	-10.38	54.0	-19.06	AV	355.00	150	Vertical	Pass
3	4263.400	52.98	-4.66	74.0	-21.02	Peak	148.00	150	Vertical	Pass
3**	4263.400	41.97	-4.66	54.0	-12.03	AV	148.00	150	Vertical	Pass
4	5501.400	106.44	-2.18	--	--	Peak	347.00	150	Vertical	N/A
4**	5501.400	99.46	-2.18	--	--	AV	347.00	150	Vertical	N/A
5	12274.763	53.60	1.61	74.0	-20.40	Peak	27.00	150	Vertical	Pass
5**	12274.763	44.49	1.61	54.0	-9.51	AV	27.00	150	Vertical	Pass
6	15847.500	56.43	1.35	74.0	-17.57	Peak	163.00	150	Vertical	Pass
6**	15847.500	46.49	1.35	54.0	-7.51	AV	163.00	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	1597.000	40.82	-17.63	74.0	-33.18	Peak	117.00	150	Horizontal	Pass
1**	1597.000	29.11	-17.63	54.0	-24.89	AV	117.00	150	Horizontal	Pass
2	2785.400	43.89	-10.49	74.0	-30.11	Peak	20.00	150	Horizontal	Pass
2**	2785.400	34.78	-10.49	54.0	-19.22	AV	20.00	150	Horizontal	Pass
3	4799.600	51.95	-2.55	74.0	-22.05	Peak	10.00	150	Horizontal	Pass
3**	4799.600	43.30	-2.55	54.0	-10.70	AV	10.00	150	Horizontal	Pass
4	5581.000	111.16	-2.27	--	--	Peak	287.00	150	Horizontal	N/A
4**	5581.000	104.65	-2.27	--	--	AV	287.00	150	Horizontal	N/A
5	11945.862	53.87	1.51	74.0	-20.13	Peak	0.00	150	Horizontal	Pass
5**	11945.862	45.01	1.51	54.0	-8.99	AV	0.00	150	Horizontal	Pass
6	15819.150	55.85	1.91	74.0	-18.15	Peak	242.00	150	Horizontal	Pass
6**	15819.150	46.69	1.91	54.0	-7.31	AV	242.00	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	1598.000	41.01	-17.55	74.0	-32.99	Peak	194.00	150	Vertical	Pass
1**	1598.000	32.00	-17.55	54.0	-22.00	AV	194.00	150	Vertical	Pass
2	2767.900	44.29	-10.70	74.0	-29.71	Peak	105.00	150	Vertical	Pass
2**	2767.900	34.76	-10.70	54.0	-19.24	AV	105.00	150	Vertical	Pass
3	4765.200	52.11	-3.27	74.0	-21.89	Peak	328.00	150	Vertical	Pass
3**	4765.200	42.15	-3.27	54.0	-11.85	AV	328.00	150	Vertical	Pass
4	5581.000	106.49	-2.27	--	--	Peak	339.00	150	Vertical	N/A
4**	5581.000	98.93	-2.27	--	--	AV	339.00	150	Vertical	N/A
5	12249.463	53.66	0.96	74.0	-20.34	Peak	0.00	150	Vertical	Pass
5**	12249.463	44.86	0.96	54.0	-9.14	AV	0.00	150	Vertical	Pass
6	15850.125	56.11	1.33	74.0	-17.89	Peak	100.00	150	Vertical	Pass
6**	15850.125	46.82	1.33	54.0	-7.18	AV	100.00	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	1543.500	39.61	-17.56	74.0	-34.39	Peak	82.00	150	Horizontal	Pass
1**	1543.500	30.04	-17.56	54.0	-23.96	AV	82.00	150	Horizontal	Pass
2	2836.400	43.84	-10.39	74.0	-30.16	Peak	275.00	150	Horizontal	Pass
2**	2836.400	35.25	-10.39	54.0	-18.75	AV	275.00	150	Horizontal	Pass
3	4800.200	52.66	-2.55	74.0	-21.34	Peak	123.00	150	Horizontal	Pass
3**	4800.200	44.75	-2.55	54.0	-9.25	AV	123.00	150	Horizontal	Pass
4	5698.200	109.20	-2.06	--	--	Peak	288.00	150	Horizontal	N/A
4**	5698.200	101.25	-2.06	--	--	AV	288.00	150	Horizontal	N/A
5	11078.187	52.30	-1.32	74.0	-21.70	Peak	325.00	150	Horizontal	Pass
5**	11078.187	42.65	-1.32	54.0	-11.35	AV	325.00	150	Horizontal	Pass
6	15842.775	56.63	1.40	74.0	-17.37	Peak	248.00	150	Horizontal	Pass
6**	15842.775	47.63	1.40	54.0	-6.37	AV	248.00	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	1380.000	39.63	-17.35	74.0	-34.37	Peak	224.00	150	Vertical	Pass
1**	1380.000	29.93	-17.35	54.0	-24.07	AV	224.00	150	Vertical	Pass
2	2766.000	43.89	-10.79	74.0	-30.11	Peak	86.00	150	Vertical	Pass
2**	2766.000	35.41	-10.79	54.0	-18.59	AV	86.00	150	Vertical	Pass
3	5035.000	52.92	-3.03	74.0	-21.08	Peak	215.00	150	Vertical	Pass
3**	5035.000	43.06	-3.03	54.0	-10.94	AV	215.00	150	Vertical	Pass
4	5700.600	106.84	-2.07	--	--	Peak	340.00	150	Vertical	N/A
4**	5700.600	98.50	-2.07	--	--	AV	340.00	150	Vertical	N/A
5	12327.950	54.05	1.42	74.0	-19.95	Peak	146.00	150	Vertical	Pass
5**	12327.950	44.26	1.42	54.0	-9.74	AV	146.00	150	Vertical	Pass
6	15855.638	56.65	1.16	74.0	-17.35	Peak	79.00	150	Vertical	Pass
6**	15855.638	47.20	1.16	54.0	-6.80	AV	79.00	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	1590.600	39.89	-17.49	74.0	-34.11	Peak	199.00	150	Horizontal	Pass
1**	1590.600	30.92	-17.49	54.0	-23.08	AV	199.00	150	Horizontal	Pass
2	2754.400	44.48	-10.75	74.0	-29.52	Peak	117.00	150	Horizontal	Pass
2**	2754.400	34.70	-10.75	54.0	-19.30	AV	117.00	150	Horizontal	Pass
3	4800.000	52.38	-2.55	74.0	-21.62	Peak	137.00	150	Horizontal	Pass
3**	4800.000	45.69	-2.55	54.0	-8.31	AV	137.00	150	Horizontal	Pass
4	5512.200	108.86	-2.57	--	--	Peak	288.00	150	Horizontal	N/A
4**	5512.200	101.13	-2.57	--	--	AV	288.00	150	Horizontal	N/A
5	11942.125	53.23	1.62	74.0	-20.77	Peak	109.00	150	Horizontal	Pass
5**	11942.125	44.56	1.62	54.0	-9.44	AV	109.00	150	Horizontal	Pass
6	16103.175	56.57	1.06	74.0	-17.43	Peak	37.00	150	Horizontal	Pass
6**	16103.175	46.49	1.06	54.0	-7.51	AV	37.00	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	1469.400	40.76	-17.52	74.0	-33.24	Peak	145.00	150	Vertical	Pass
1**	1469.400	30.39	-17.52	54.0	-23.61	AV	145.00	150	Vertical	Pass
2	2770.000	44.41	-10.57	74.0	-29.59	Peak	348.00	150	Vertical	Pass
2**	2770.000	35.20	-10.57	54.0	-18.80	AV	348.00	150	Vertical	Pass
3	4800.000	52.61	-2.55	74.0	-21.39	Peak	212.00	150	Vertical	Pass
3**	4800.000	44.91	-2.55	54.0	-9.09	AV	212.00	150	Vertical	Pass
4	5511.600	104.48	-2.58	--	--	Peak	339.00	150	Vertical	N/A
4**	5511.600	97.51	-2.58	--	--	AV	339.00	150	Vertical	N/A
5	11178.237	53.07	-0.66	74.0	-20.93	Peak	234.00	150	Vertical	Pass
5**	11178.237	43.24	-0.66	54.0	-10.76	AV	234.00	150	Vertical	Pass
6	15834.637	56.36	1.45	74.0	-17.64	Peak	80.00	150	Vertical	Pass
6**	15834.637	46.82	1.45	54.0	-7.18	AV	80.00	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	1533.600	39.94	-17.53	74.0	-34.06	Peak	204.00	150	Horizontal	Pass
1**	1533.600	28.99	-17.53	54.0	-25.01	AV	204.00	150	Horizontal	Pass
2	2771.000	44.87	-10.51	74.0	-29.13	Peak	13.00	150	Horizontal	Pass
2**	2771.000	34.61	-10.51	54.0	-19.39	AV	13.00	150	Horizontal	Pass
3	4253.000	50.23	-4.92	74.0	-23.77	Peak	271.00	150	Horizontal	Pass
3**	4253.000	40.32	-4.92	54.0	-13.68	AV	271.00	150	Horizontal	Pass
4	5592.200	108.96	-2.42	--	--	Peak	295.00	150	Horizontal	N/A
4**	5592.200	100.92	-2.42	--	--	AV	295.00	150	Horizontal	N/A
5	11029.313	53.00	-0.63	74.0	-21.00	Peak	20.00	150	Horizontal	Pass
5**	11029.313	43.09	-0.63	54.0	-10.91	AV	20.00	150	Horizontal	Pass
6	15636.975	55.92	1.47	74.0	-18.08	Peak	284.00	150	Horizontal	Pass
6**	15636.975	46.72	1.47	54.0	-7.28	AV	284.00	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	1412.900	40.54	-17.51	74.0	-33.46	Peak	360.00	150	Vertical	Pass
1**	1412.900	30.76	-17.51	54.0	-23.24	AV	360.00	150	Vertical	Pass
2	2881.200	44.88	-10.26	74.0	-29.12	Peak	77.00	150	Vertical	Pass
2**	2881.200	35.39	-10.26	54.0	-18.61	AV	77.00	150	Vertical	Pass
3	4799.800	53.05	-2.55	74.0	-20.95	Peak	172.00	150	Vertical	Pass
3**	4799.800	44.27	-2.55	54.0	-9.73	AV	172.00	150	Vertical	Pass
4	5588.600	103.95	-2.32	--	--	Peak	337.00	150	Vertical	N/A
4**	5588.600	98.27	-2.32	--	--	AV	337.00	150	Vertical	N/A
5	11942.988	52.68	1.60	74.0	-21.32	Peak	17.00	150	Vertical	Pass
5**	11942.988	44.36	1.60	54.0	-9.64	AV	17.00	150	Vertical	Pass
6	16080.075	56.39	1.64	74.0	-17.61	Peak	358.00	150	Vertical	Pass
6**	16080.075	46.59	1.64	54.0	-7.41	AV	358.00	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	1462.600	43.66	-17.41	74.0	-30.34	Peak	197.00	150	Horizontal	Pass
1**	1462.600	29.48	-17.41	54.0	-24.52	AV	197.00	150	Horizontal	Pass
2	2801.900	44.02	-10.49	74.0	-29.98	Peak	259.00	150	Horizontal	Pass
2**	2801.900	34.80	-10.49	54.0	-19.20	AV	259.00	150	Horizontal	Pass
3	4257.600	50.59	-4.85	74.0	-23.41	Peak	200.00	150	Horizontal	Pass
3**	4257.600	40.81	-4.85	54.0	-13.19	AV	200.00	150	Horizontal	Pass
4	5672.200	106.81	-2.36	--	--	Peak	249.00	150	Horizontal	N/A
4**	5672.200	99.73	-2.36	--	--	AV	249.00	150	Horizontal	N/A
5	12238.250	53.34	1.10	74.0	-20.66	Peak	0.00	150	Horizontal	Pass
5**	12238.250	44.51	1.10	54.0	-9.49	AV	0.00	150	Horizontal	Pass
6	16099.237	56.57	1.22	74.0	-17.43	Peak	100.00	150	Horizontal	Pass
6**	16099.237	46.38	1.22	54.0	-7.62	AV	100.00	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	1194.700	45.12	-17.87	74.0	-28.88	Peak	117.00	150	Vertical	Pass
1**	1194.700	28.65	-17.87	54.0	-25.35	AV	117.00	150	Vertical	Pass
2	2833.700	44.11	-10.36	74.0	-29.89	Peak	324.00	150	Vertical	Pass
2**	2833.700	34.81	-10.36	54.0	-19.19	AV	324.00	150	Vertical	Pass
3	4866.000	52.45	-3.32	74.0	-21.55	Peak	229.00	150	Vertical	Pass
3**	4866.000	42.58	-3.32	54.0	-11.42	AV	229.00	150	Vertical	Pass
4	5668.600	103.86	-2.44	--	--	Peak	343.00	150	Vertical	N/A
4**	5668.600	96.49	-2.44	--	--	AV	343.00	150	Vertical	N/A
5	11583.037	53.26	-0.33	74.0	-20.74	Peak	272.00	150	Vertical	Pass
5**	11583.037	42.58	-0.33	54.0	-11.42	AV	272.00	150	Vertical	Pass
6	15847.763	55.87	1.35	74.0	-18.13	Peak	184.00	150	Vertical	Pass
6**	15847.763	46.91	1.35	54.0	-7.09	AV	184.00	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	1127.000	38.65	-18.47	74.0	-35.35	Peak	170.00	150	Horizontal	Pass
1**	1127.000	30.56	-18.47	54.0	-23.44	AV	170.00	150	Horizontal	Pass
2	2779.200	44.06	-10.43	74.0	-29.94	Peak	36.00	150	Horizontal	Pass
2**	2779.200	34.52	-10.43	54.0	-19.48	AV	36.00	150	Horizontal	Pass
3	4910.600	51.95	-2.46	74.0	-22.05	Peak	177.00	150	Horizontal	Pass
3**	4910.600	43.09	-2.46	54.0	-10.91	AV	177.00	150	Horizontal	Pass
4	5527.000	105.04	-2.37	--	--	Peak	260.00	150	Horizontal	N/A
4**	5527.000	96.89	-2.37	--	--	AV	260.00	150	Horizontal	N/A
5	11656.637	52.56	0.02	74.0	-21.44	Peak	252.00	150	Horizontal	Pass
5**	11656.637	42.87	0.02	54.0	-11.13	AV	252.00	150	Horizontal	Pass
6	15786.599	56.29	1.87	74.0	-17.71	Peak	59.00	150	Horizontal	Pass
6**	15786.599	45.78	1.87	54.0	-8.22	AV	59.00	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	1199.400	46.80	-17.82	74.0	-27.20	Peak	128.00	150	Vertical	Pass
1**	1199.400	28.70	-17.82	54.0	-25.30	AV	128.00	150	Vertical	Pass
2	2861.400	44.97	-10.24	74.0	-29.03	Peak	72.00	150	Vertical	Pass
2**	2861.400	34.96	-10.24	54.0	-19.04	AV	72.00	150	Vertical	Pass
3	4773.800	51.84	-2.98	74.0	-22.16	Peak	136.00	150	Vertical	Pass
3**	4773.800	42.59	-2.98	54.0	-11.41	AV	136.00	150	Vertical	Pass
4	5528.600	100.51	-2.37	--	--	Peak	242.00	150	Vertical	N/A
4**	5528.600	93.91	-2.37	--	--	AV	242.00	150	Vertical	N/A
5	11953.625	52.94	1.23	74.0	-21.06	Peak	276.00	150	Vertical	Pass
5**	11953.625	43.90	1.23	54.0	-10.10	AV	276.00	150	Vertical	Pass
6	15845.401	56.73	1.37	74.0	-17.27	Peak	37.00	150	Vertical	Pass
6**	15845.401	46.57	1.37	54.0	-7.43	AV	37.00	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	1196.800	44.11	-17.93	74.0	-29.89	Peak	248.00	150	Horizontal	Pass
1**	1196.800	35.08	-17.93	54.0	-18.92	AV	248.00	150	Horizontal	Pass
2	2763.500	44.06	-10.92	74.0	-29.94	Peak	298.00	150	Horizontal	Pass
2**	2763.500	34.55	-10.92	54.0	-19.45	AV	298.00	150	Horizontal	Pass
3	4269.600	50.06	-4.51	74.0	-23.94	Peak	199.00	150	Horizontal	Pass
3**	4269.600	40.11	-4.51	54.0	-13.89	AV	199.00	150	Horizontal	Pass
4	5607.000	104.47	-2.64	--	--	Peak	286.00	150	Horizontal	N/A
4**	5607.000	96.64	-2.64	--	--	AV	286.00	150	Horizontal	N/A
5	11590.799	53.10	-0.21	74.0	-20.90	Peak	292.00	150	Horizontal	Pass
5**	11590.799	43.69	-0.21	54.0	-10.31	AV	292.00	150	Horizontal	Pass
6	16115.250	56.29	0.68	74.0	-17.71	Peak	252.00	150	Horizontal	Pass
6**	16115.250	46.15	0.68	54.0	-7.85	AV	252.00	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	1049.700	38.85	-18.42	74.0	-35.15	Peak	25.00	150	Vertical	Pass
1**	1049.700	33.05	-18.42	54.0	-20.95	AV	25.00	150	Vertical	Pass
2	2784.200	45.12	-10.57	74.0	-28.88	Peak	263.00	150	Vertical	Pass
2**	2784.200	34.46	-10.57	54.0	-19.54	AV	263.00	150	Vertical	Pass
3	4263.200	50.07	-4.66	74.0	-23.93	Peak	46.00	150	Vertical	Pass
3**	4263.200	42.87	-4.66	54.0	-11.13	AV	46.00	150	Vertical	Pass
4	5612.800	100.77	-2.53	--	--	Peak	300.00	150	Vertical	N/A
4**	5612.800	92.65	-2.53	--	--	AV	300.00	150	Vertical	N/A
5	11820.512	53.27	1.05	74.0	-20.73	Peak	236.00	150	Vertical	Pass
5**	11820.512	43.51	1.05	54.0	-10.49	AV	236.00	150	Vertical	Pass
6	15640.912	55.89	1.33	74.0	-18.11	Peak	199.00	150	Vertical	Pass
6**	15640.912	45.53	1.33	54.0	-8.47	AV	199.00	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	1599.000	42.15	-17.58	74.0	-31.85	Peak	224.00	150	Horizontal	Pass
1**	1599.000	31.11	-17.58	54.0	-22.89	AV	224.00	150	Horizontal	Pass
2	2842.700	44.73	-10.27	74.0	-29.27	Peak	181.00	150	Horizontal	Pass
2**	2842.700	34.55	-10.27	54.0	-19.45	AV	181.00	150	Horizontal	Pass
3	5031.800	53.12	-3.10	74.0	-20.88	Peak	146.00	150	Horizontal	Pass
3**	5031.800	43.05	-3.10	54.0	-10.95	AV	146.00	150	Horizontal	Pass
4	5744.400	108.94	-2.33	--	--	Peak	273.00	150	Horizontal	N/A
4**	5744.400	101.48	-2.33	--	--	AV	273.00	150	Horizontal	N/A
5	11629.901	52.89	-0.20	74.0	-21.11	Peak	255.00	150	Horizontal	Pass
5**	11629.901	42.81	-0.20	54.0	-11.19	AV	255.00	150	Horizontal	Pass
6	15676.349	56.07	1.55	74.0	-17.93	Peak	187.00	150	Horizontal	Pass
6**	15676.349	46.99	1.55	54.0	-7.01	AV	187.00	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	1565.300	39.31	-17.56	74.0	-34.69	Peak	115.00	150	Vertical	Pass
1**	1565.300	29.69	-17.56	54.0	-24.31	AV	115.00	150	Vertical	Pass
2	2742.300	44.69	-10.92	74.0	-29.31	Peak	323.00	150	Vertical	Pass
2**	2742.300	33.94	-10.92	54.0	-20.06	AV	323.00	150	Vertical	Pass
3	4799.800	52.74	-2.55	74.0	-21.26	Peak	236.00	150	Vertical	Pass
3**	4799.800	44.42	-2.55	54.0	-9.58	AV	236.00	150	Vertical	Pass
4	5747.000	110.03	-2.34	--	--	Peak	351.00	150	Vertical	N/A
4**	5747.000	102.62	-2.34	--	--	AV	351.00	150	Vertical	N/A
5	12257.512	53.35	1.03	74.0	-20.65	Peak	239.00	150	Vertical	Pass
5**	12257.512	43.80	1.03	54.0	-10.20	AV	239.00	150	Vertical	Pass
6	15630.937	56.34	1.67	74.0	-17.66	Peak	360.00	150	Vertical	Pass
6**	15630.937	46.35	1.67	54.0	-7.65	AV	360.00	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	1155.200	40.52	-18.07	74.0	-33.48	Peak	162.00	150	Horizontal	Pass
1**	1155.200	28.48	-18.07	54.0	-25.52	AV	162.00	150	Horizontal	Pass
2	2252.000	46.52	-12.65	74.0	-27.48	Peak	217.00	150	Horizontal	Pass
2**	2252.000	36.38	-12.65	54.0	-17.62	AV	217.00	150	Horizontal	Pass
3	4039.000	49.96	-4.79	74.0	-24.04	Peak	122.00	150	Horizontal	Pass
3**	4039.000	39.63	-4.79	54.0	-14.37	AV	122.00	150	Horizontal	Pass
4	5784.400	108.03	-2.33	--	--	Peak	261.00	150	Horizontal	N/A
4**	5784.400	101.83	-2.33	--	--	AV	261.00	150	Horizontal	N/A
5	11064.674	52.69	-0.94	74.0	-21.31	Peak	108.00	150	Horizontal	Pass
5**	11064.674	42.82	-0.94	54.0	-11.18	AV	108.00	150	Horizontal	Pass
6	15851.175	56.47	1.30	74.0	-17.53	Peak	63.00	150	Horizontal	Pass
6**	15851.175	47.62	1.30	54.0	-6.38	AV	63.00	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	1458.500	40.21	-17.50	74.0	-33.79	Peak	154.00	150	Vertical	Pass
1**	1458.500	29.42	-17.50	54.0	-24.58	AV	154.00	150	Vertical	Pass
2	3681.200	47.86	-6.27	74.0	-26.14	Peak	9.00	150	Vertical	Pass
2**	3681.200	38.42	-6.27	54.0	-15.58	AV	9.00	150	Vertical	Pass
3	5042.000	52.81	-3.00	74.0	-21.19	Peak	161.00	150	Vertical	Pass
3**	5042.000	43.07	-3.00	54.0	-10.93	AV	161.00	150	Vertical	Pass
4	5786.800	108.94	-2.47	--	--	Peak	351.00	150	Vertical	N/A
4**	5786.800	101.37	-2.47	--	--	AV	351.00	150	Vertical	N/A
5	11340.100	52.47	0.26	74.0	-21.53	Peak	181.00	150	Vertical	Pass
5**	11340.100	43.13	0.26	54.0	-10.87	AV	181.00	150	Vertical	Pass
6	16100.287	55.94	1.19	74.0	-18.06	Peak	183.00	150	Vertical	Pass
6**	16100.287	46.50	1.19	54.0	-7.50	AV	183.00	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	1457.200	39.81	-17.49	74.0	-34.19	Peak	175.00	150	Horizontal	Pass
1**	1457.200	30.46	-17.49	54.0	-23.54	AV	175.00	150	Horizontal	Pass
2	2787.500	44.21	-10.52	74.0	-29.79	Peak	62.00	150	Horizontal	Pass
2**	2787.500	34.69	-10.52	54.0	-19.31	AV	62.00	150	Horizontal	Pass
3	4817.200	52.15	-3.23	74.0	-21.85	Peak	175.00	150	Horizontal	Pass
3**	4817.200	42.80	-3.23	54.0	-11.20	AV	175.00	150	Horizontal	Pass
4	5826.200	107.69	-2.36	--	--	Peak	263.00	150	Horizontal	N/A
4**	5826.200	100.68	-2.36	--	--	AV	263.00	150	Horizontal	N/A
5	11946.724	53.80	1.49	74.0	-20.20	Peak	290.00	150	Horizontal	Pass
5**	11946.724	43.77	1.49	54.0	-10.23	AV	290.00	150	Horizontal	Pass
6	15636.187	55.82	1.50	74.0	-18.18	Peak	81.00	150	Horizontal	Pass
6**	15636.187	47.06	1.50	54.0	-6.94	AV	81.00	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	1049.500	39.50	-18.42	74.0	-34.50	Peak	27.00	150	Vertical	Pass
1**	1049.500	32.05	-18.42	54.0	-21.95	AV	27.00	150	Vertical	Pass
2	2816.600	44.51	-10.17	74.0	-29.49	Peak	0.00	150	Vertical	Pass
2**	2816.600	34.92	-10.17	54.0	-19.08	AV	0.00	150	Vertical	Pass
3	4927.400	52.84	-2.84	74.0	-21.16	Peak	249.00	150	Vertical	Pass
3**	4927.400	43.06	-2.84	54.0	-10.94	AV	249.00	150	Vertical	Pass
4	5824.400	107.69	-2.40	--	--	Peak	352.00	150	Vertical	N/A
4**	5824.400	101.32	-2.40	--	--	AV	352.00	150	Vertical	N/A
5	11932.349	53.57	1.62	74.0	-20.43	Peak	213.00	150	Vertical	Pass
5**	11932.349	44.08	1.62	54.0	-9.92	AV	213.00	150	Vertical	Pass
6	15856.950	56.59	1.09	74.0	-17.41	Peak	131.00	150	Vertical	Pass
6**	15856.950	47.09	1.09	54.0	-6.91	AV	131.00	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	1331.100	40.79	-17.41	74.0	-33.21	Peak	262.00	150	Horizontal	Pass
1**	1331.100	29.54	-17.41	54.0	-24.46	AV	262.00	150	Horizontal	Pass
2	2814.900	44.34	-10.08	74.0	-29.66	Peak	92.00	150	Horizontal	Pass
2**	2814.900	34.98	-10.08	54.0	-19.02	AV	92.00	150	Horizontal	Pass
3	4915.600	52.72	-2.35	74.0	-21.28	Peak	356.00	150	Horizontal	Pass
3**	4915.600	42.81	-2.35	54.0	-11.19	AV	356.00	150	Horizontal	Pass
4	5746.400	108.24	-2.43	--	--	Peak	266.00	150	Horizontal	N/A
4**	5746.400	100.69	-2.43	--	--	AV	266.00	150	Horizontal	N/A
5	11667.276	52.40	0.20	74.0	-21.60	Peak	33.00	150	Horizontal	Pass
5**	11667.276	43.36	0.20	54.0	-10.64	AV	33.00	150	Horizontal	Pass
6	15838.838	56.28	1.45	74.0	-17.72	Peak	281.00	150	Horizontal	Pass
6**	15838.838	47.64	1.45	54.0	-6.36	AV	281.00	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	1560.200	40.35	-17.59	74.0	-33.65	Peak	114.00	150	Vertical	Pass
1**	1560.200	30.94	-17.59	54.0	-23.06	AV	114.00	150	Vertical	Pass
2	2738.500	44.36	-10.89	74.0	-29.64	Peak	15.00	150	Vertical	Pass
2**	2738.500	34.28	-10.89	54.0	-19.72	AV	15.00	150	Vertical	Pass
3	4924.200	52.01	-2.60	74.0	-21.99	Peak	0.00	150	Vertical	Pass
3**	4924.200	42.97	-2.60	54.0	-11.03	AV	0.00	150	Vertical	Pass
4	5744.000	108.30	-2.29	--	--	Peak	349.00	150	Vertical	N/A
4**	5744.000	102.24	-2.29	--	--	AV	349.00	150	Vertical	N/A
5	12230.200	53.84	1.30	74.0	-20.16	Peak	157.00	150	Vertical	Pass
5**	12230.200	44.03	1.30	54.0	-9.97	AV	157.00	150	Vertical	Pass
6	16037.812	56.28	0.78	74.0	-17.72	Peak	173.00	150	Vertical	Pass
6**	16037.812	46.56	0.78	54.0	-7.44	AV	173.00	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	1389.500	39.48	-17.47	74.0	-34.52	Peak	67.00	150	Horizontal	Pass
1**	1389.500	31.16	-17.47	54.0	-22.84	AV	67.00	150	Horizontal	Pass
2	2828.900	44.10	-10.36	74.0	-29.90	Peak	219.00	150	Horizontal	Pass
2**	2828.900	34.96	-10.36	54.0	-19.04	AV	219.00	150	Horizontal	Pass
3	4893.800	51.95	-3.20	74.0	-22.05	Peak	148.00	150	Horizontal	Pass
3**	4893.800	42.63	-3.20	54.0	-11.37	AV	148.00	150	Horizontal	Pass
4	5786.000	107.33	-2.43	--	--	Peak	279.00	150	Horizontal	N/A
4**	5786.000	100.52	-2.43	--	--	AV	279.00	150	Horizontal	N/A
5	11829.425	52.95	1.19	74.0	-21.05	Peak	257.00	150	Horizontal	Pass
5**	11829.425	42.58	1.19	54.0	-11.42	AV	257.00	150	Horizontal	Pass
6	16102.125	55.74	1.11	74.0	-18.26	Peak	140.00	150	Horizontal	Pass
6**	16102.125	46.72	1.11	54.0	-7.28	AV	140.00	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	1593.000	40.51	-17.48	74.0	-33.49	Peak	192.00	150	Vertical	Pass
1**	1593.000	30.82	-17.48	54.0	-23.18	AV	192.00	150	Vertical	Pass
2	2728.900	43.97	-10.97	74.0	-30.03	Peak	78.00	150	Vertical	Pass
2**	2728.900	34.89	-10.97	54.0	-19.11	AV	78.00	150	Vertical	Pass
3	4806.000	52.17	-2.93	74.0	-21.83	Peak	86.00	150	Vertical	Pass
3**	4806.000	43.41	-2.93	54.0	-10.59	AV	86.00	150	Vertical	Pass
4	5786.200	107.92	-2.45	--	--	Peak	351.00	150	Vertical	N/A
4**	5786.200	100.75	-2.45	--	--	AV	351.00	150	Vertical	N/A
5	12210.938	53.72	1.05	74.0	-20.28	Peak	147.00	150	Vertical	Pass
5**	12210.938	43.74	1.05	54.0	-10.26	AV	147.00	150	Vertical	Pass
6	16084.537	56.78	1.54	74.0	-17.22	Peak	214.00	150	Vertical	Pass
6**	16084.537	47.35	1.54	54.0	-6.65	AV	214.00	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	1452.100	40.32	-17.35	74.0	-33.68	Peak	138.00	150	Vertical	Pass
1**	1452.100	31.14	-17.35	54.0	-22.86	AV	138.00	150	Vertical	Pass
2	2843.800	44.70	-10.30	74.0	-29.30	Peak	203.00	150	Vertical	Pass
2**	2843.800	35.68	-10.30	54.0	-18.32	AV	203.00	150	Vertical	Pass
3	4910.200	53.51	-2.45	74.0	-20.49	Peak	189.00	150	Vertical	Pass
3**	4910.200	43.17	-2.45	54.0	-10.83	AV	189.00	150	Vertical	Pass
4	5822.800	106.89	-2.41	--	--	Peak	341.00	150	Vertical	N/A
4**	5822.800	98.74	-2.41	--	--	AV	341.00	150	Vertical	N/A
5	11853.862	53.28	1.07	74.0	-20.72	Peak	117.00	150	Vertical	Pass
5**	11853.862	42.94	1.07	54.0	-11.06	AV	117.00	150	Vertical	Pass
6	16082.962	56.45	1.57	74.0	-17.55	Peak	80.00	150	Vertical	Pass
6**	16082.962	46.71	1.57	54.0	-7.29	AV	80.00	150	Vertical	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	1335.200	40.22	-17.49	74.0	-33.78	Peak	177.00	150	Horizontal	Pass
1**	1335.200	29.02	-17.49	54.0	-24.98	AV	177.00	150	Horizontal	Pass
2	2812.300	44.10	-10.11	74.0	-29.90	Peak	56.00	150	Horizontal	Pass
2**	2812.300	35.53	-10.11	54.0	-18.47	AV	56.00	150	Horizontal	Pass
3	4675.200	51.37	-3.45	74.0	-22.63	Peak	235.00	150	Horizontal	Pass
3**	4675.200	41.24	-3.45	54.0	-12.76	AV	235.00	150	Horizontal	Pass
4	5826.800	106.88	-2.34	--	--	Peak	272.00	150	Horizontal	N/A
4**	5826.800	99.82	-2.34	--	--	AV	272.00	150	Horizontal	N/A
5	12316.162	53.35	1.41	74.0	-20.65	Peak	111.00	150	Horizontal	Pass
5**	12316.162	43.80	1.41	54.0	-10.20	AV	111.00	150	Horizontal	Pass
6	16084.275	56.75	1.54	74.0	-17.25	Peak	179.00	150	Horizontal	Pass
6**	16084.275	46.74	1.54	54.0	-7.26	AV	179.00	150	Horizontal	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	1466.200	40.49	-17.55	74.0	-33.51	Peak	181.00	150	Horizontal	Pass
1**	1466.200	30.14	-17.55	54.0	-23.86	AV	181.00	150	Horizontal	Pass
2	2769.700	44.56	-10.59	74.0	-29.44	Peak	193.00	150	Horizontal	Pass
2**	2769.700	35.41	-10.59	54.0	-18.59	AV	193.00	150	Horizontal	Pass
3	4752.400	51.44	-3.54	74.0	-22.56	Peak	285.00	150	Horizontal	Pass
3**	4752.400	42.10	-3.54	54.0	-11.90	AV	285.00	150	Horizontal	Pass
4	5752.000	105.62	-2.19	--	--	Peak	272.00	150	Horizontal	N/A
4**	5752.000	98.20	-2.19	--	--	AV	272.00	150	Horizontal	N/A
5	11090.838	51.92	-1.29	74.0	-22.08	Peak	238.00	150	Horizontal	Pass
5**	11090.838	42.12	-1.29	54.0	-11.88	AV	238.00	150	Horizontal	Pass
6	15848.549	55.22	1.34	74.0	-18.78	Peak	0.00	150	Horizontal	Pass
6**	15848.549	45.81	1.34	54.0	-8.19	AV	0.00	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	1389.700	40.16	-17.48	74.0	-33.84	Peak	136.00	150	Vertical	Pass
1**	1389.700	30.19	-17.48	54.0	-23.81	AV	136.00	150	Vertical	Pass
2	2766.000	44.03	-10.79	74.0	-29.97	Peak	330.00	150	Vertical	Pass
2**	2766.000	34.66	-10.79	54.0	-19.34	AV	330.00	150	Vertical	Pass
3	4786.200	52.70	-2.74	74.0	-21.30	Peak	220.00	150	Vertical	Pass
3**	4786.200	43.68	-2.74	54.0	-10.32	AV	220.00	150	Vertical	Pass
4	5758.400	106.89	-1.97	--	--	Peak	344.00	150	Vertical	N/A
4**	5758.400	98.58	-1.97	--	--	AV	344.00	150	Vertical	N/A
5	12324.213	53.10	1.42	74.0	-20.90	Peak	255.00	150	Vertical	Pass
5**	12324.213	43.92	1.42	54.0	-10.08	AV	255.00	150	Vertical	Pass
6	16084.799	56.35	1.53	74.0	-17.65	Peak	224.00	150	Vertical	Pass
6**	16084.799	46.59	1.53	54.0	-7.41	AV	224.00	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	1349.600	40.01	-17.30	74.0	-33.99	Peak	83.00	150	Horizontal	Pass
1**	1349.600	31.99	-17.30	54.0	-22.01	AV	83.00	150	Horizontal	Pass
2	2249.800	46.33	-12.73	74.0	-27.67	Peak	83.00	150	Horizontal	Pass
2**	2249.800	36.20	-12.73	54.0	-17.80	AV	83.00	150	Horizontal	Pass
3	4773.200	52.17	-3.00	74.0	-21.83	Peak	283.00	150	Horizontal	Pass
3**	4773.200	42.45	-3.00	54.0	-11.55	AV	283.00	150	Horizontal	Pass
4	5793.400	105.83	-2.55	--	--	Peak	270.00	150	Horizontal	N/A
4**	5793.400	99.25	-2.55	--	--	AV	270.00	150	Horizontal	N/A
5	11970.300	52.74	0.80	74.0	-21.26	Peak	84.00	150	Horizontal	Pass
5**	11970.300	44.01	0.80	54.0	-9.99	AV	84.00	150	Horizontal	Pass
6	15649.313	56.32	1.19	74.0	-17.68	Peak	38.00	150	Horizontal	Pass
6**	15649.313	46.26	1.19	54.0	-7.74	AV	38.00	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	1049.900	39.52	-18.41	74.0	-34.48	Peak	28.00	150	Vertical	Pass
1**	1049.900	35.09	-18.41	54.0	-18.91	AV	28.00	150	Vertical	Pass
2	2838.000	44.79	-10.33	74.0	-29.21	Peak	39.00	150	Vertical	Pass
2**	2838.000	34.92	-10.33	54.0	-19.08	AV	39.00	150	Vertical	Pass
3	4805.400	52.43	-2.87	74.0	-21.57	Peak	0.00	150	Vertical	Pass
3**	4805.400	42.69	-2.87	54.0	-11.31	AV	0.00	150	Vertical	Pass
4	5796.400	105.85	-2.65	--	--	Peak	350.00	150	Vertical	N/A
4**	5796.400	98.32	-2.65	--	--	AV	350.00	150	Vertical	N/A
5	11483.850	53.14	0.05	74.0	-20.86	Peak	37.00	150	Vertical	Pass
5**	11483.850	42.60	0.05	54.0	-11.40	AV	37.00	150	Vertical	Pass
6	15842.513	57.23	1.41	74.0	-16.77	Peak	150.00	150	Vertical	Pass
6**	15842.513	47.44	1.41	54.0	-6.56	AV	150.00	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	1589.300	40.06	-17.48	74.0	-33.94	Peak	113.00	150	Horizontal	Pass
1**	1589.300	29.00	-17.48	54.0	-25.00	AV	113.00	150	Horizontal	Pass
2	2758.300	44.33	-10.92	74.0	-29.67	Peak	160.00	150	Horizontal	Pass
2**	2758.300	34.21	-10.92	54.0	-19.79	AV	160.00	150	Horizontal	Pass
3	5035.400	51.88	-3.06	74.0	-22.12	Peak	115.00	150	Horizontal	Pass
3**	5035.400	43.13	-3.06	54.0	-10.87	AV	115.00	150	Horizontal	Pass
4	5746.000	108.24	-2.47	--	--	Peak	265.00	150	Horizontal	N/A
4**	5746.000	101.73	-2.47	--	--	AV	265.00	150	Horizontal	N/A
5	11982.375	53.91	0.92	74.0	-20.09	Peak	148.00	150	Horizontal	Pass
5**	11982.375	43.48	0.92	54.0	-10.52	AV	148.00	150	Horizontal	Pass
6	15576.337	56.17	1.42	74.0	-17.83	Peak	62.00	150	Horizontal	Pass
6**	15576.337	45.38	1.42	54.0	-8.62	AV	62.00	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	1050.300	40.55	-18.43	74.0	-33.45	Peak	30.00	150	Vertical	Pass
1**	1050.300	35.06	-18.43	54.0	-18.94	AV	30.00	150	Vertical	Pass
2	2879.400	44.74	-10.26	74.0	-29.26	Peak	0.00	150	Vertical	Pass
2**	2879.400	35.74	-10.26	54.0	-18.26	AV	0.00	150	Vertical	Pass
3	4800.400	52.20	-2.56	74.0	-21.80	Peak	12.00	150	Vertical	Pass
3**	4800.400	43.10	-2.56	54.0	-10.90	AV	12.00	150	Vertical	Pass
4	5746.800	108.92	-2.37	--	--	Peak	346.00	150	Vertical	N/A
4**	5746.800	101.78	-2.37	--	--	AV	346.00	150	Vertical	N/A
5	11031.900	52.25	-0.60	74.0	-21.75	Peak	293.00	150	Vertical	Pass
5**	11031.900	42.93	-0.60	54.0	-11.07	AV	293.00	150	Vertical	Pass
6	15842.775	56.58	1.40	74.0	-17.42	Peak	243.00	150	Vertical	Pass
6**	15842.775	47.08	1.40	54.0	-6.92	AV	243.00	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	1493.300	40.20	-17.54	74.0	-33.80	Peak	184.00	150	Horizontal	Pass
1**	1493.300	28.92	-17.54	54.0	-25.08	AV	184.00	150	Horizontal	Pass
2	3714.200	48.80	-6.47	74.0	-25.20	Peak	255.00	150	Horizontal	Pass
2**	3714.200	38.48	-6.47	54.0	-15.52	AV	255.00	150	Horizontal	Pass
3	4894.800	53.21	-3.10	74.0	-20.79	Peak	306.00	150	Horizontal	Pass
3**	4894.800	42.51	-3.10	54.0	-11.49	AV	306.00	150	Horizontal	Pass
4	5783.800	107.11	-2.28	--	--	Peak	280.00	150	Horizontal	N/A
4**	5783.800	100.03	-2.28	--	--	AV	280.00	150	Horizontal	N/A
5	11961.962	54.09	0.89	74.0	-19.91	Peak	107.00	150	Horizontal	Pass
5**	11961.962	44.42	0.89	54.0	-9.58	AV	107.00	150	Horizontal	Pass
6	15802.350	55.93	2.30	74.0	-18.07	Peak	165.00	150	Horizontal	Pass
6**	15802.350	45.72	2.30	54.0	-8.28	AV	165.00	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	1318.600	42.38	-17.41	74.0	-31.62	Peak	133.00	150	Vertical	Pass
1**	1318.600	33.01	-17.41	54.0	-20.99	AV	133.00	150	Vertical	Pass
2	2880.600	44.43	-10.26	74.0	-29.57	Peak	315.00	150	Vertical	Pass
2**	2880.600	34.87	-10.26	54.0	-19.13	AV	315.00	150	Vertical	Pass
3	4797.600	52.53	-2.60	74.0	-21.47	Peak	187.00	150	Vertical	Pass
3**	4797.600	42.52	-2.60	54.0	-11.48	AV	187.00	150	Vertical	Pass
4	5787.400	107.86	-2.46	--	--	Peak	353.00	150	Vertical	N/A
4**	5787.400	100.57	-2.46	--	--	AV	353.00	150	Vertical	N/A
5	11613.225	52.99	-0.07	74.0	-21.01	Peak	326.00	150	Vertical	Pass
5**	11613.225	42.77	-0.07	54.0	-11.23	AV	326.00	150	Vertical	Pass
6	16102.651	56.31	1.08	74.0	-17.69	Peak	173.00	150	Vertical	Pass
6**	16102.651	47.23	1.08	54.0	-6.77	AV	173.00	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	1136.000	39.44	-18.44	74.0	-34.56	Peak	158.00	150	Horizontal	Pass
1**	1136.000	28.33	-18.44	54.0	-25.67	AV	158.00	150	Horizontal	Pass
2	2787.300	45.19	-10.51	74.0	-28.81	Peak	145.00	150	Horizontal	Pass
2**	2787.300	34.76	-10.51	54.0	-19.24	AV	145.00	150	Horizontal	Pass
3	4799.800	51.92	-2.55	74.0	-22.08	Peak	204.00	150	Horizontal	Pass
3**	4799.800	43.70	-2.55	54.0	-10.30	AV	204.00	150	Horizontal	Pass
4	5827.400	106.96	-2.31	--	--	Peak	271.00	150	Horizontal	N/A
4**	5827.400	98.86	-2.31	--	--	AV	271.00	150	Horizontal	N/A
5	11685.387	52.77	0.15	74.0	-21.23	Peak	251.00	150	Horizontal	Pass
5**	11685.387	42.92	0.15	54.0	-11.08	AV	251.00	150	Horizontal	Pass
6	16037.026	56.21	0.77	74.0	-17.79	Peak	37.00	150	Horizontal	Pass
6**	16037.026	45.97	0.77	54.0	-8.03	AV	37.00	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	1321.900	40.13	-17.52	74.0	-33.87	Peak	133.00	150	Vertical	Pass
1**	1321.900	29.36	-17.52	54.0	-24.64	AV	133.00	150	Vertical	Pass
2	3917.200	48.44	-5.31	74.0	-25.56	Peak	340.00	150	Vertical	Pass
2**	3917.200	38.60	-5.31	54.0	-15.40	AV	340.00	150	Vertical	Pass
3	4781.000	52.73	-2.88	74.0	-21.27	Peak	236.00	150	Vertical	Pass
3**	4781.000	42.80	-2.88	54.0	-11.20	AV	236.00	150	Vertical	Pass
4	5825.600	106.88	-2.37	--	--	Peak	353.00	150	Vertical	N/A
4**	5825.600	99.12	-2.37	--	--	AV	353.00	150	Vertical	N/A
5	10812.826	52.32	0.01	74.0	-21.68	Peak	275.00	150	Vertical	Pass
5**	10812.826	41.40	0.01	54.0	-12.60	AV	275.00	150	Vertical	Pass
6	15626.213	55.94	1.72	74.0	-18.06	Peak	360.00	150	Vertical	Pass
6**	15626.213	47.60	1.72	54.0	-6.40	AV	360.00	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	1050.000	39.49	-18.41	74.0	-34.51	Peak	294.00	150	Horizontal	Pass
1**	1050.000	34.02	-18.41	54.0	-19.98	AV	294.00	150	Horizontal	Pass
2	2798.600	44.51	-10.58	74.0	-29.49	Peak	335.00	150	Horizontal	Pass
2**	2798.600	34.44	-10.58	54.0	-19.56	AV	335.00	150	Horizontal	Pass
3	3961.600	48.95	-4.81	74.0	-25.05	Peak	322.00	150	Horizontal	Pass
3**	3961.600	39.84	-4.81	54.0	-14.16	AV	322.00	150	Horizontal	Pass
4	5757.000	105.85	-2.02	--	--	Peak	267.00	150	Horizontal	N/A
4**	5757.000	98.62	-2.02	--	--	AV	267.00	150	Horizontal	N/A
5	11874.275	52.87	1.25	74.0	-21.13	Peak	125.00	150	Horizontal	Pass
5**	11874.275	42.06	1.25	54.0	-11.94	AV	125.00	150	Horizontal	Pass
6	16043.325	55.63	0.76	74.0	-18.37	Peak	127.00	150	Horizontal	Pass
6**	16043.325	45.80	0.76	54.0	-8.20	AV	127.00	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	1596.200	42.40	-17.70	74.0	-31.60	Peak	113.00	150	Vertical	Pass
1**	1596.200	36.06	-17.70	54.0	-17.94	AV	113.00	150	Vertical	Pass
2	2770.800	43.79	-10.52	74.0	-30.21	Peak	257.00	150	Vertical	Pass
2**	2770.800	35.06	-10.52	54.0	-18.94	AV	257.00	150	Vertical	Pass
3	4789.800	52.47	-2.77	74.0	-21.53	Peak	238.00	150	Vertical	Pass
3**	4789.800	43.23	-2.77	54.0	-10.77	AV	238.00	150	Vertical	Pass
4	5756.400	108.25	-2.03	--	--	Peak	346.00	150	Vertical	N/A
4**	5756.400	99.49	-2.03	--	--	AV	346.00	150	Vertical	N/A
5	12213.526	53.45	1.14	74.0	-20.55	Peak	327.00	150	Vertical	Pass
5**	12213.526	44.43	1.14	54.0	-9.57	AV	327.00	150	Vertical	Pass
6	15837.787	56.44	1.45	74.0	-17.56	Peak	142.00	150	Vertical	Pass
6**	15837.787	46.82	1.45	54.0	-7.18	AV	142.00	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	1159.200	39.57	-18.10	74.0	-34.43	Peak	164.00	150	Horizontal	Pass
1**	1159.200	27.64	-18.10	54.0	-26.36	AV	164.00	150	Horizontal	Pass
2	2241.300	45.28	-13.07	74.0	-28.72	Peak	203.00	150	Horizontal	Pass
2**	2241.300	34.69	-13.07	54.0	-19.31	AV	203.00	150	Horizontal	Pass
3	4255.600	51.63	-4.98	74.0	-22.37	Peak	95.00	150	Horizontal	Pass
3**	4255.600	39.78	-4.98	54.0	-14.22	AV	95.00	150	Horizontal	Pass
4	5796.400	105.96	-2.65	--	--	Peak	271.00	150	Horizontal	N/A
4**	5796.400	98.22	-2.65	--	--	AV	271.00	150	Horizontal	N/A
5	10937.312	51.91	-0.04	74.0	-22.09	Peak	126.00	150	Horizontal	Pass
5**	10937.312	44.36	-0.04	54.0	-9.64	AV	126.00	150	Horizontal	Pass
6	16104.225	55.90	1.01	74.0	-18.10	Peak	355.00	150	Horizontal	Pass
6**	16104.225	46.53	1.01	54.0	-7.47	AV	355.00	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	1050.400	39.55	-18.43	74.0	-34.45	Peak	22.00	150	Vertical	Pass
1**	1050.400	34.60	-18.43	54.0	-19.40	AV	22.00	150	Vertical	Pass
2	2769.800	44.32	-10.58	74.0	-29.68	Peak	49.00	150	Vertical	Pass
2**	2769.800	34.39	-10.58	54.0	-19.61	AV	49.00	150	Vertical	Pass
3	4905.200	53.00	-2.57	74.0	-21.00	Peak	96.00	150	Vertical	Pass
3**	4905.200	43.47	-2.57	54.0	-10.53	AV	96.00	150	Vertical	Pass
4	5791.600	106.19	-2.57	--	--	Peak	344.00	150	Vertical	N/A
4**	5791.600	97.79	-2.57	--	--	AV	344.00	150	Vertical	N/A
5	12333.412	53.40	1.37	74.0	-20.60	Peak	360.00	150	Vertical	Pass
5**	12333.412	44.53	1.37	54.0	-9.47	AV	360.00	150	Vertical	Pass
6	15844.612	56.15	1.37	74.0	-17.85	Peak	0.00	150	Vertical	Pass
6**	15844.612	47.12	1.37	54.0	-6.88	AV	0.00	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	1191.000	39.57	-17.87	74.0	-34.43	Peak	158.00	150	Horizontal	Pass
1**	1191.000	29.62	-17.87	54.0	-24.38	AV	158.00	150	Horizontal	Pass
2	2864.000	44.36	-10.39	74.0	-29.64	Peak	29.00	150	Horizontal	Pass
2**	2864.000	34.42	-10.39	54.0	-19.58	AV	29.00	150	Horizontal	Pass
3	4839.800	51.65	-3.37	74.0	-22.35	Peak	96.00	150	Horizontal	Pass
3**	4839.800	42.28	-3.37	54.0	-11.72	AV	96.00	150	Horizontal	Pass
4	5772.800	101.96	-1.99	--	--	Peak	272.00	150	Horizontal	N/A
4**	5772.800	94.18	-1.99	--	--	AV	272.00	150	Horizontal	N/A
5	10924.662	53.65	0.16	74.0	-20.35	Peak	121.00	150	Horizontal	Pass
5**	10924.662	43.14	0.16	54.0	-10.86	AV	121.00	150	Horizontal	Pass
6	16096.874	56.17	1.28	74.0	-17.83	Peak	360.00	150	Horizontal	Pass
6**	16096.874	46.43	1.28	54.0	-7.57	AV	360.00	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	1050.100	39.73	-18.42	74.0	-34.27	Peak	33.00	150	Vertical	Pass
1**	1050.100	35.00	-18.42	54.0	-19.00	AV	33.00	150	Vertical	Pass
2	2854.000	44.68	-10.25	74.0	-29.32	Peak	185.00	150	Vertical	Pass
2**	2854.000	34.81	-10.25	54.0	-19.19	AV	185.00	150	Vertical	Pass
3	4786.600	51.83	-2.74	74.0	-22.17	Peak	197.00	150	Vertical	Pass
3**	4786.600	43.53	-2.74	54.0	-10.47	AV	197.00	150	Vertical	Pass
4	5767.200	103.23	-1.81	--	--	Peak	352.00	150	Vertical	N/A
4**	5767.200	96.00	-1.81	--	--	AV	352.00	150	Vertical	N/A
5	12274.763	53.72	1.61	74.0	-20.28	Peak	324.00	150	Vertical	Pass
5**	12274.763	44.20	1.61	54.0	-9.80	AV	324.00	150	Vertical	Pass
6	16081.912	55.58	1.60	74.0	-18.42	Peak	37.00	150	Vertical	Pass
6**	16081.912	47.01	1.60	54.0	-6.99	AV	37.00	150	Vertical	Pass

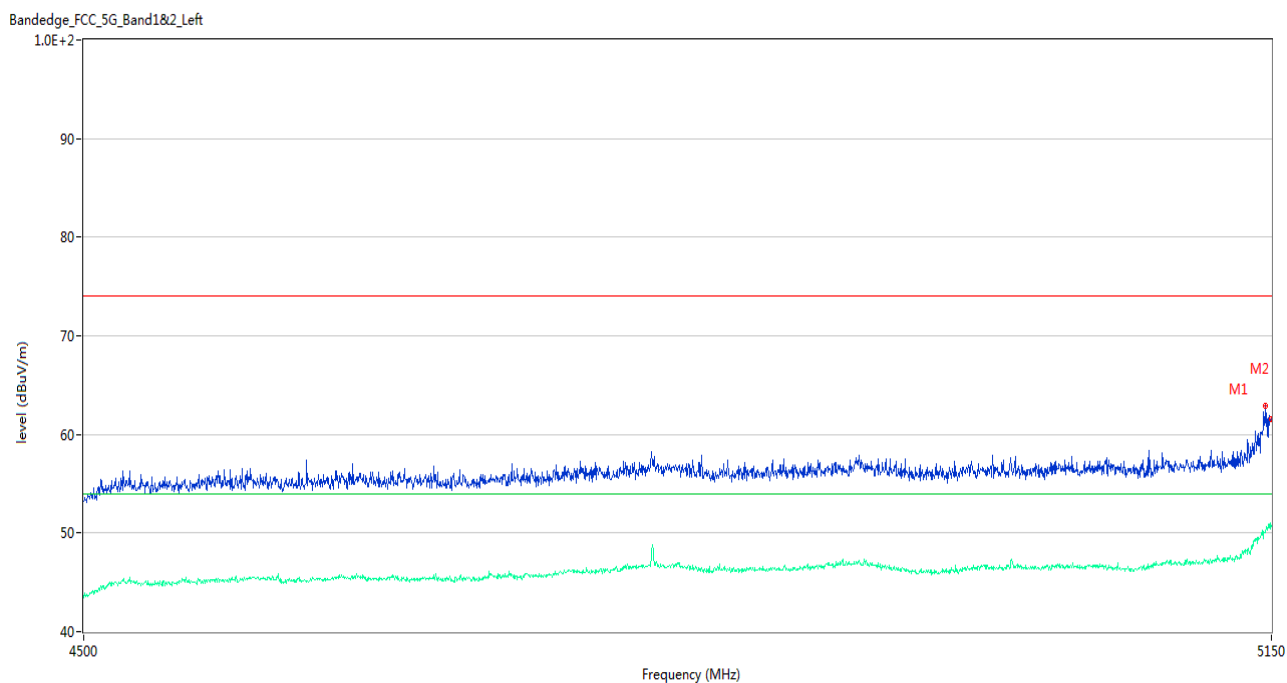
A.6.2 Band Edge (Restricted-band)

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
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
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
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(VHT80)	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

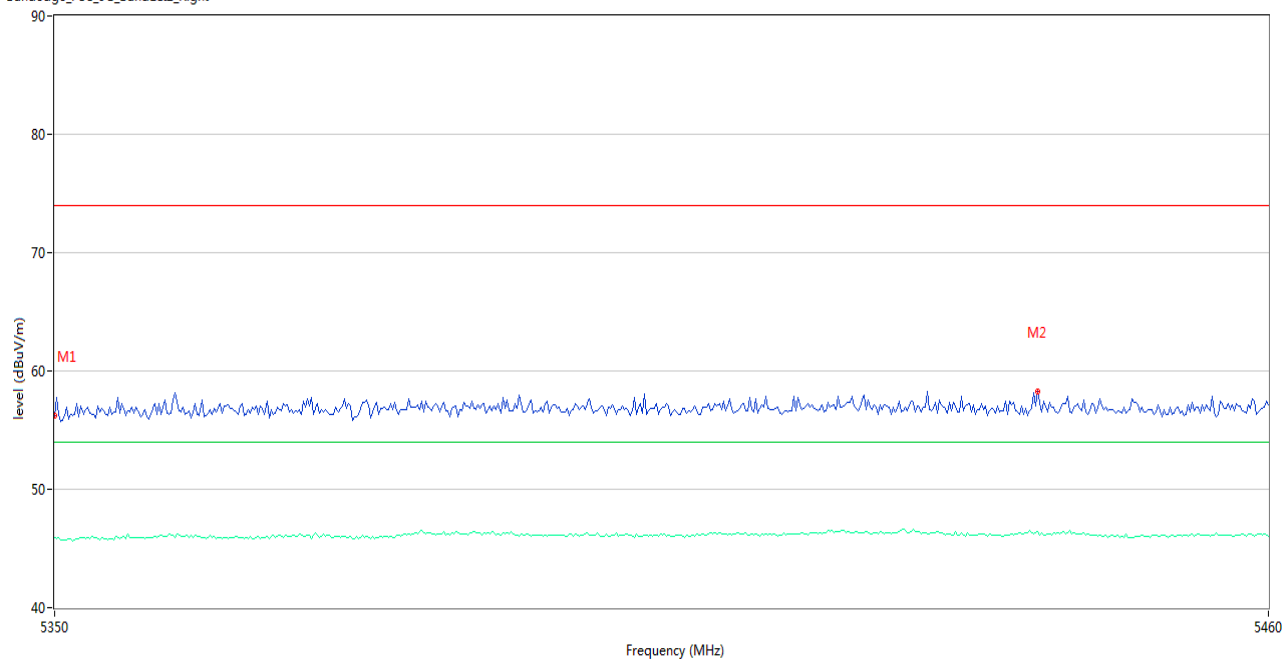
U-NII-1 11a CH36



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	62.94	3.39	74.0	-11.06	Peak	349.00	150	Horizontal	Pass
1**	5146.750	50.06	3.39	54.0	-3.94	AV	349.00	150	Horizontal	Pass
2	5150.000	61.58	3.22	74.0	-12.42	Peak	352.00	150	Horizontal	Pass
2**	5150.000	50.72	3.22	54.0	-3.28	AV	352.00	150	Horizontal	Pass

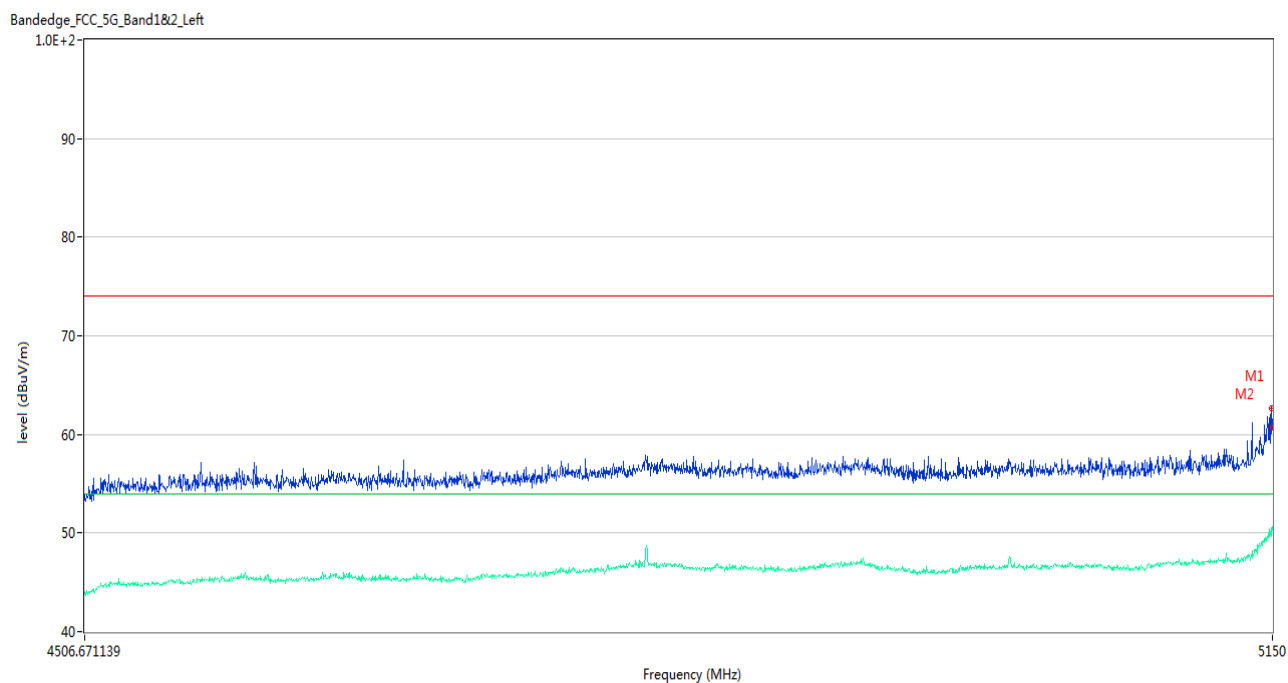
U-NII-1 11a CH48

Bandedge_FCC_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	56.22	2.98	74.0	-17.78	Peak	249.00	150	Horizontal	Pass
1**	5350.000	45.87	2.98	54.0	-8.13	AV	249.00	150	Horizontal	Pass
2	5438.917	58.31	3.55	74.0	-15.69	Peak	125.00	150	Horizontal	Pass
2**	5438.917	46.38	3.55	54.0	-7.62	AV	125.00	150	Horizontal	Pass

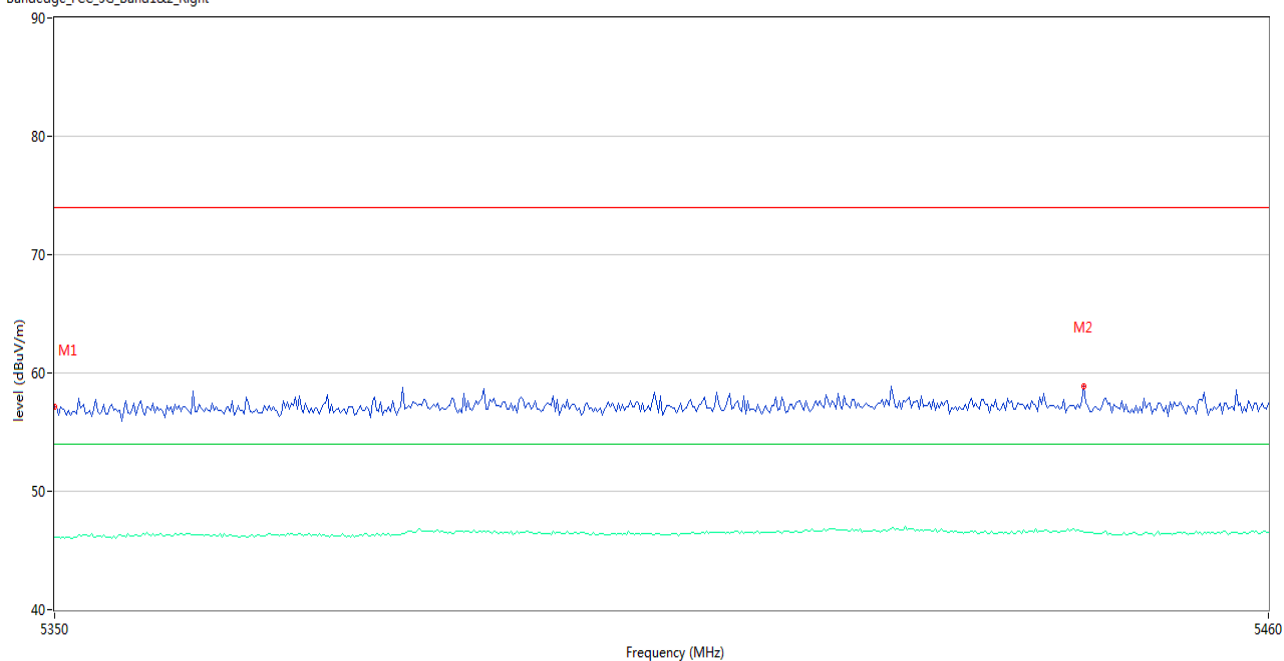
U-NII-1 11n20 CH36



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	60.65	3.22	74.0	-13.35	Peak	345.00	150	Horizontal	Pass
1**	5150.000	50.65	3.22	54.0	-3.35	AV	345.00	150	Horizontal	Pass
2	5149.675	62.65	3.26	74.0	-11.35	Peak	351.00	150	Horizontal	Pass
2**	5149.675	49.66	3.26	54.0	-4.34	AV	351.00	150	Horizontal	Pass

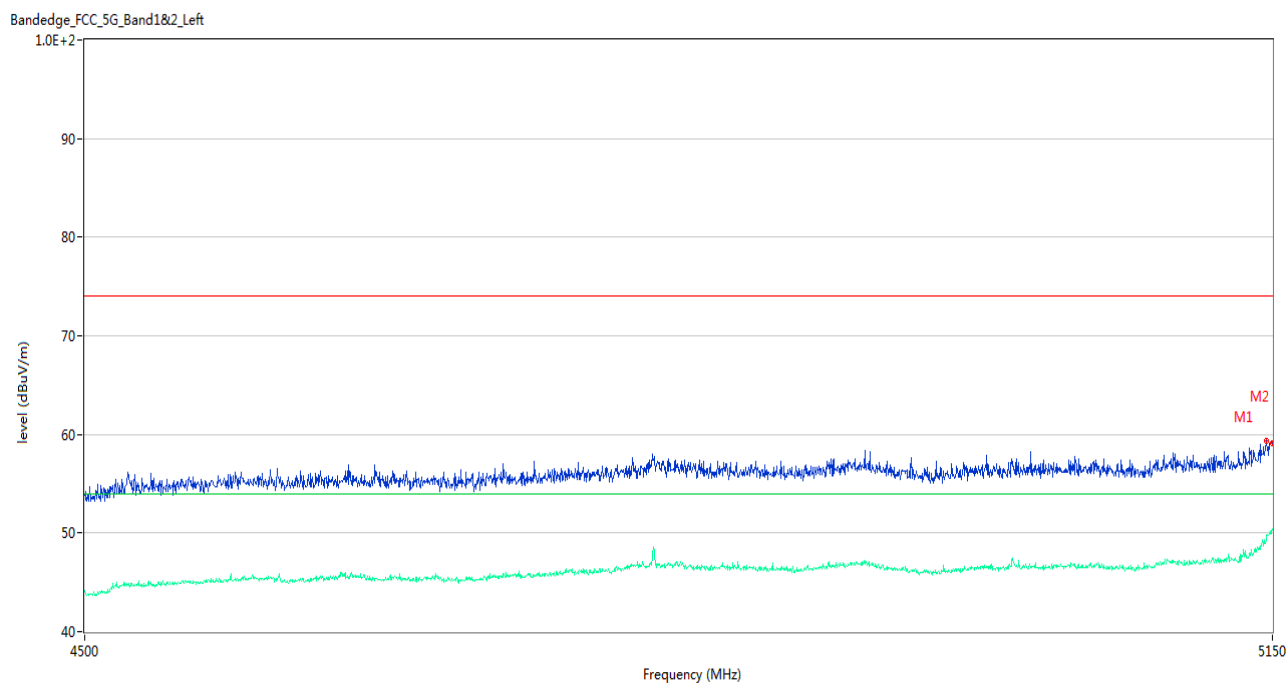
U-NII-1 11n20 CH48

Bandedge_FCC_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	57.11	2.98	74.0	-16.89	Peak	304.00	150	Horizontal	Pass
1**	5350.000	46.11	2.98	54.0	-7.89	AV	304.00	150	Horizontal	Pass
2	5443.133	58.87	3.63	74.0	-15.13	Peak	15.00	150	Horizontal	Pass
2**	5443.133	46.56	3.63	54.0	-7.44	AV	15.00	150	Horizontal	Pass

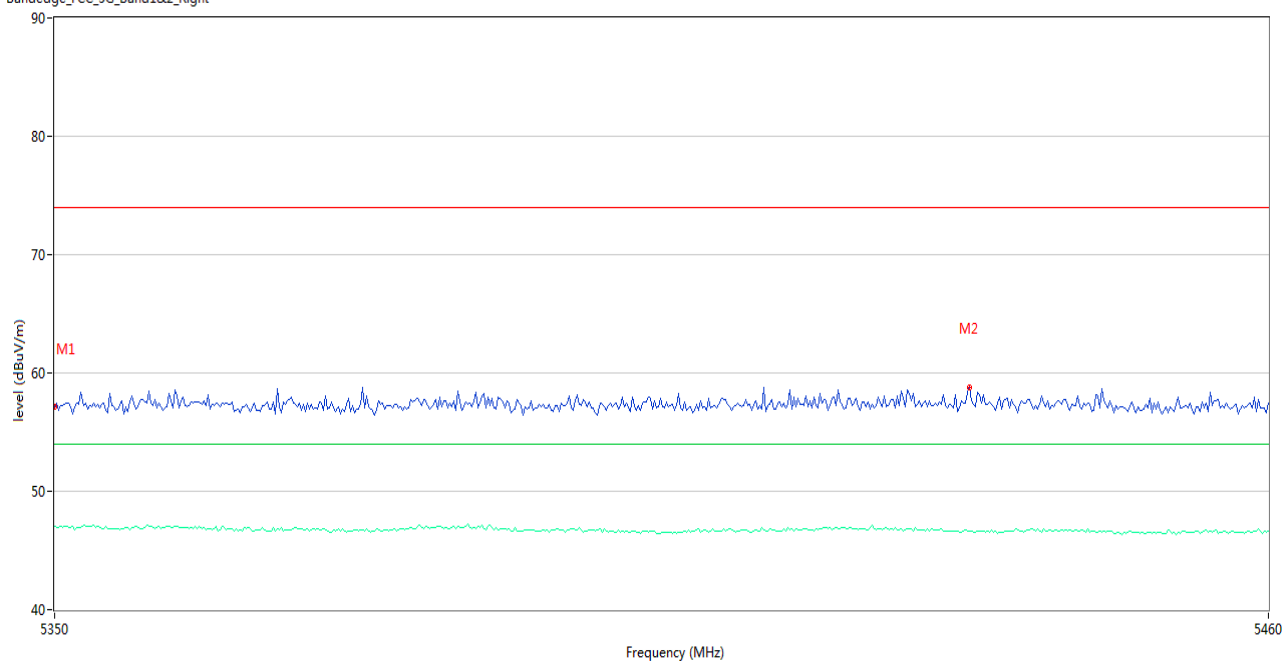
U-NII-1 11n40 CH38



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.425	59.35	3.39	74.0	-14.65	Peak	350.00	150	Horizontal	Pass
1**	5146.425	49.20	3.39	54.0	-4.80	AV	350.00	150	Horizontal	Pass
2	5150.000	59.06	3.22	74.0	-14.94	Peak	161.00	150	Horizontal	Pass
2**	5150.000	50.36	3.22	54.0	-3.64	AV	161.00	150	Horizontal	Pass

U-NII-1 11n40 CH46

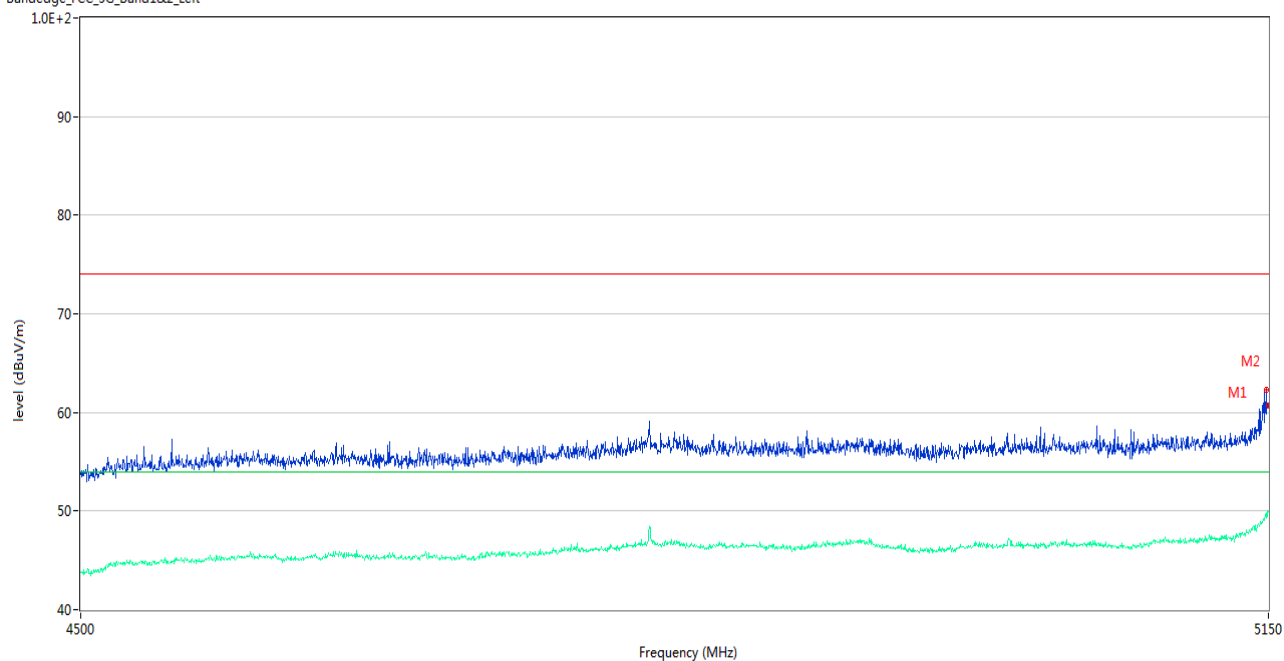
Bandedge_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.40	2.98	74.0	-17.60	Peak	287.00	150	Horizontal	Pass
1**	5350.000	46.72	2.98	54.0	-7.28	AV	287.00	150	Horizontal	Pass
2	5432.683	58.81	3.37	74.0	-15.19	Peak	166.00	150	Horizontal	Pass
2**	5432.683	46.65	3.37	54.0	-7.35	AV	166.00	150	Horizontal	Pass

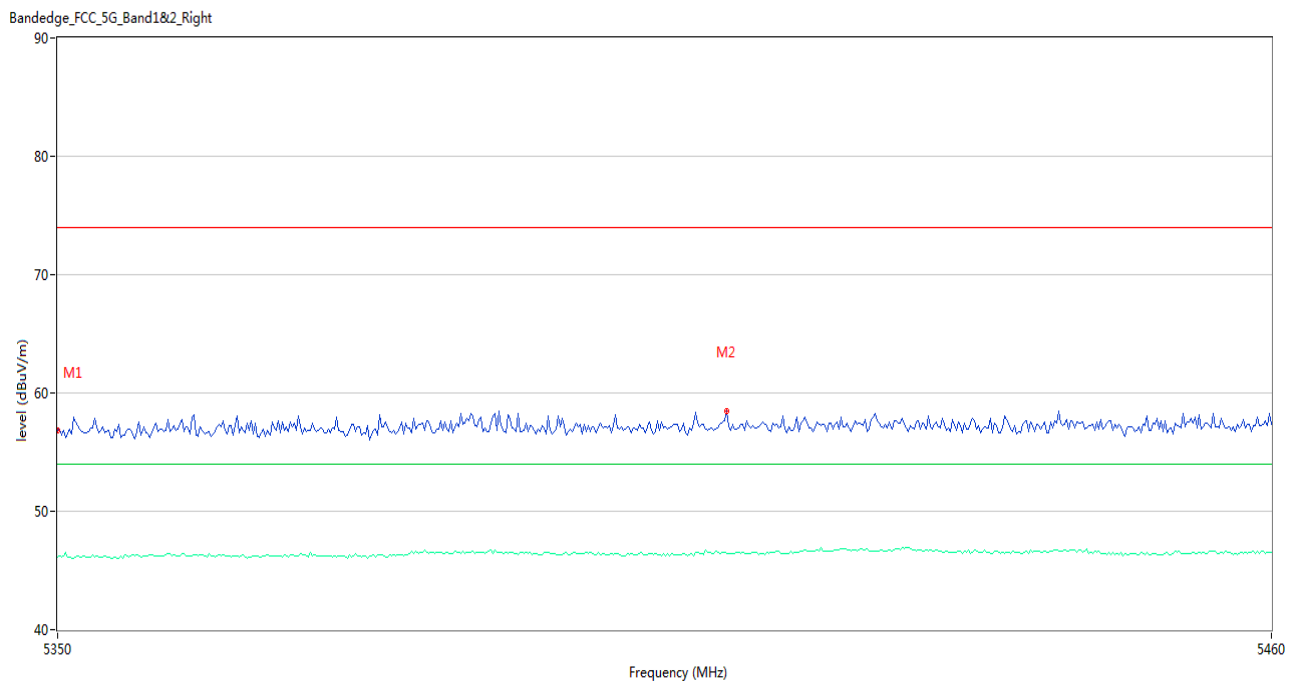
U-NII-1 11ac20 CH36

Bandedge_FCC_5G_Band1&2_Left



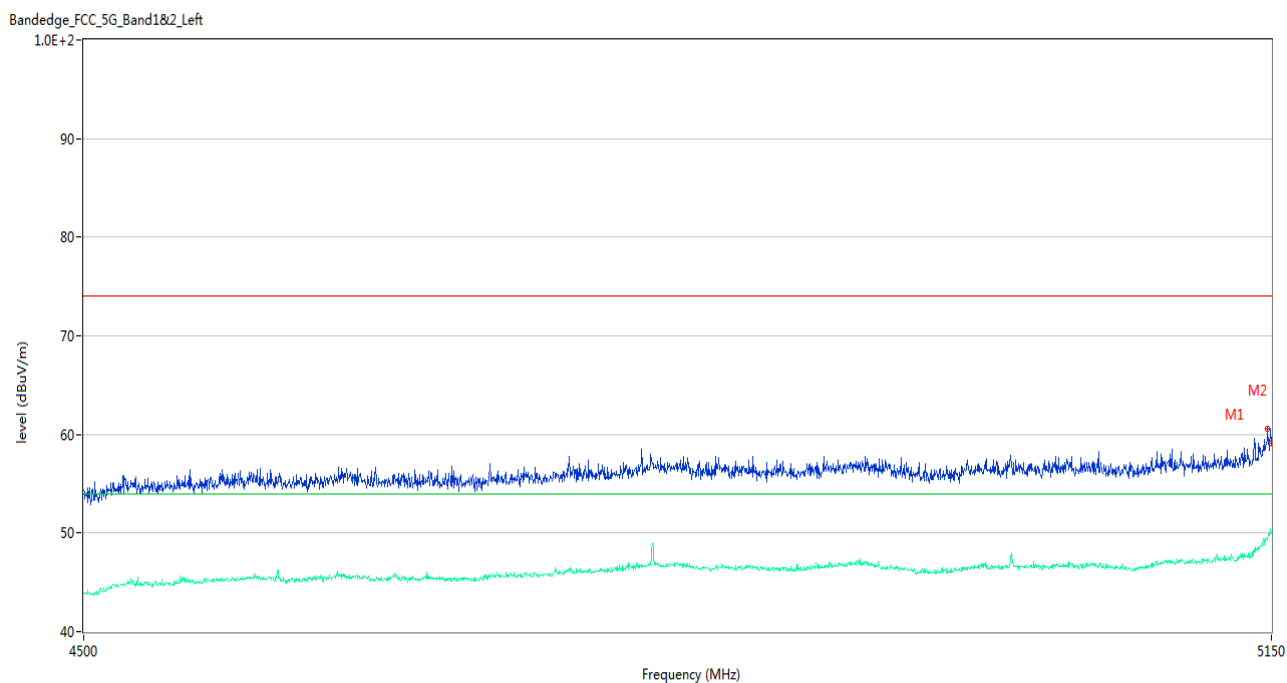
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.700	62.27	3.35	74.0	-11.73	Peak	267.00	150	Horizontal	Pass
1**	5148.700	49.34	3.35	54.0	-4.66	AV	267.00	150	Horizontal	Pass
2	5150.000	60.75	3.22	74.0	-13.25	Peak	264.00	150	Horizontal	Pass
2**	5150.000	49.89	3.22	54.0	-4.11	AV	264.00	150	Horizontal	Pass

U-NII-1 11ac20 CH48



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.79	2.98	74.0	-17.21	Peak	28.00	150	Horizontal	Pass
1**	5350.000	46.13	2.98	54.0	-7.87	AV	28.00	150	Horizontal	Pass
2	5410.317	58.51	3.37	74.0	-15.49	Peak	0.00	150	Horizontal	Pass
2**	5410.317	46.47	3.37	54.0	-7.53	AV	0.00	150	Horizontal	Pass

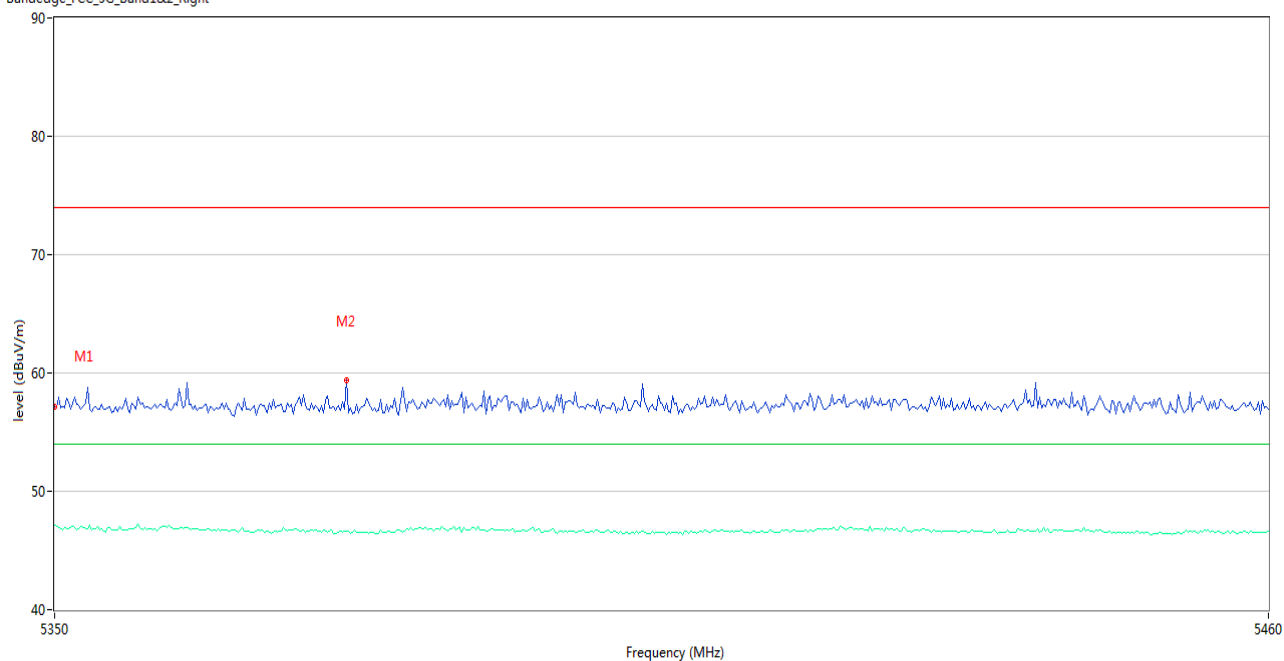
U-NII-1 11ac40 CH38



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.725	60.52	3.37	74.0	-13.48	Peak	253.00	150	Horizontal	Pass
1**	5147.725	49.25	3.37	54.0	-4.75	AV	253.00	150	Horizontal	Pass
2	5150.000	58.96	3.22	74.0	-15.04	Peak	268.00	150	Horizontal	Pass
2**	5150.000	50.04	3.22	54.0	-3.96	AV	268.00	150	Horizontal	Pass

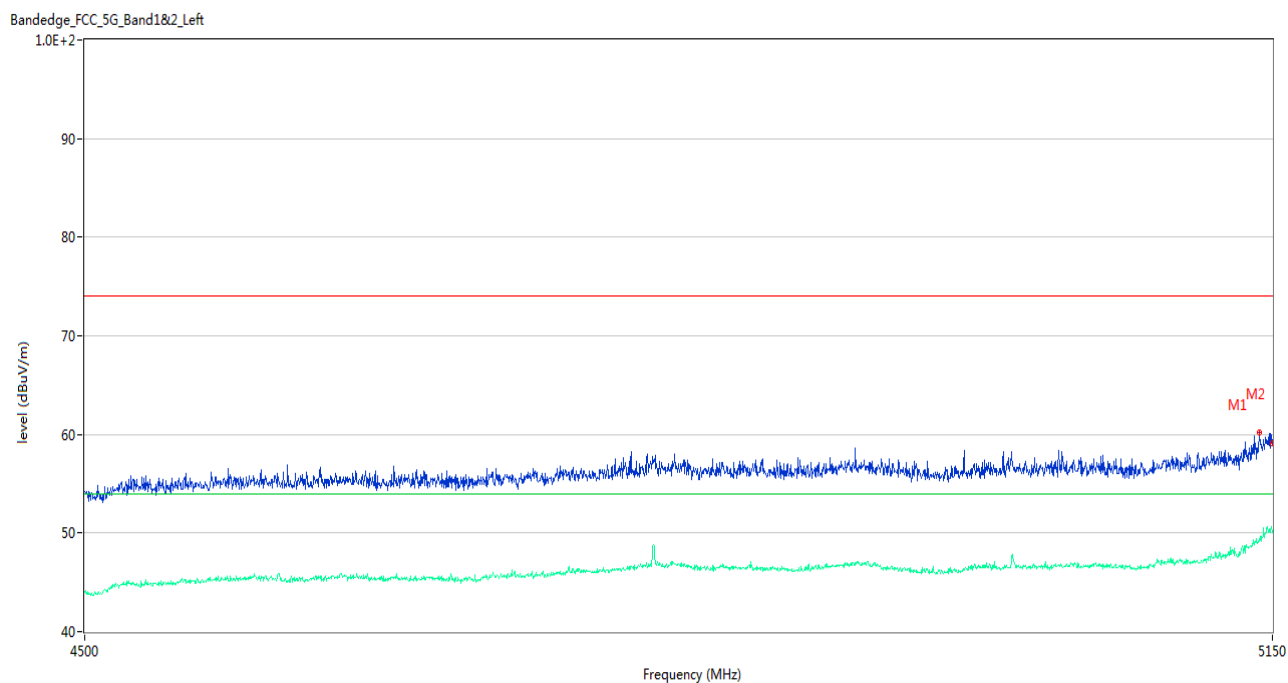
U-NII-1 11ac40 CH46

Bandedge_FCC_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	57.16	2.98	74.0	-16.84	Peak	284.00	150	Horizontal	Pass
1**	5350.000	47.18	2.98	54.0	-6.82	AV	284.00	150	Horizontal	Pass
2	5376.217	59.41	3.33	74.0	-14.59	Peak	346.00	150	Horizontal	Pass
2**	5376.217	46.62	3.33	54.0	-7.38	AV	346.00	150	Horizontal	Pass

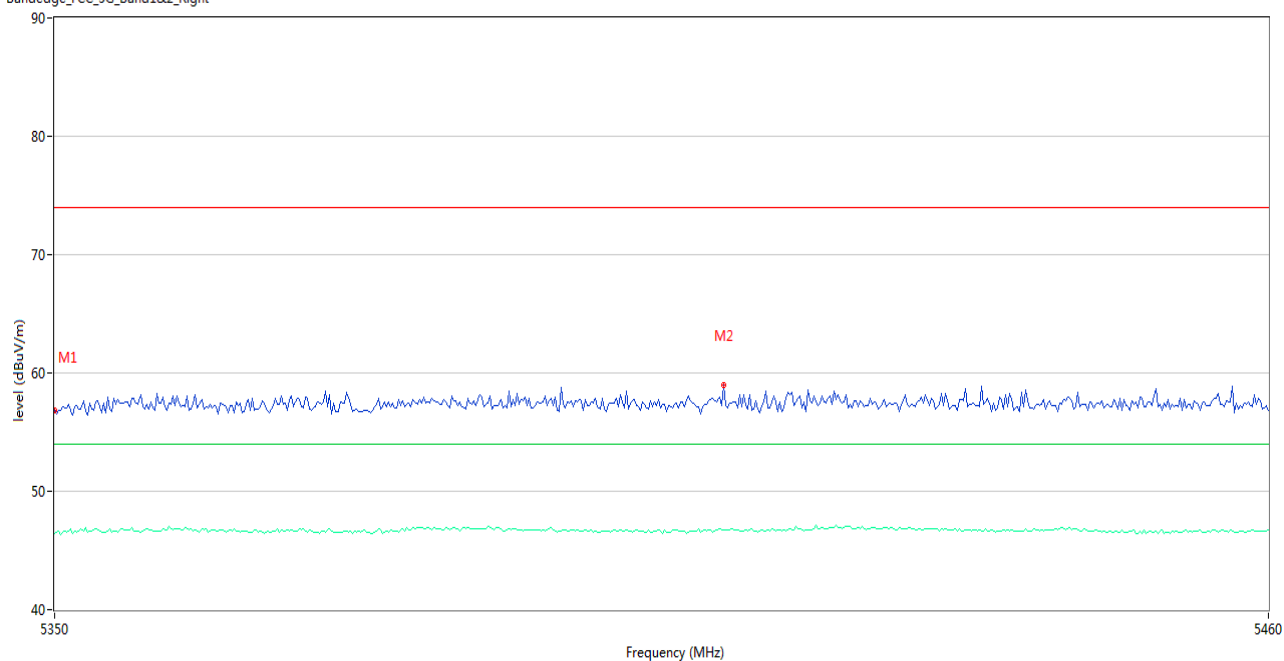
U-NII-1 11ac80 CH42



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5142.200	60.26	3.51	74.0	-13.74	Peak	67.00	150	Horizontal	Pass
1**	5142.200	49.29	3.51	54.0	-4.71	AV	67.00	150	Horizontal	Pass
2	5150.000	59.11	3.22	74.0	-14.89	Peak	24.00	150	Horizontal	Pass
2**	5150.000	50.01	3.22	54.0	-3.99	AV	24.00	150	Horizontal	Pass

U-NII-1 11ac80 CH42

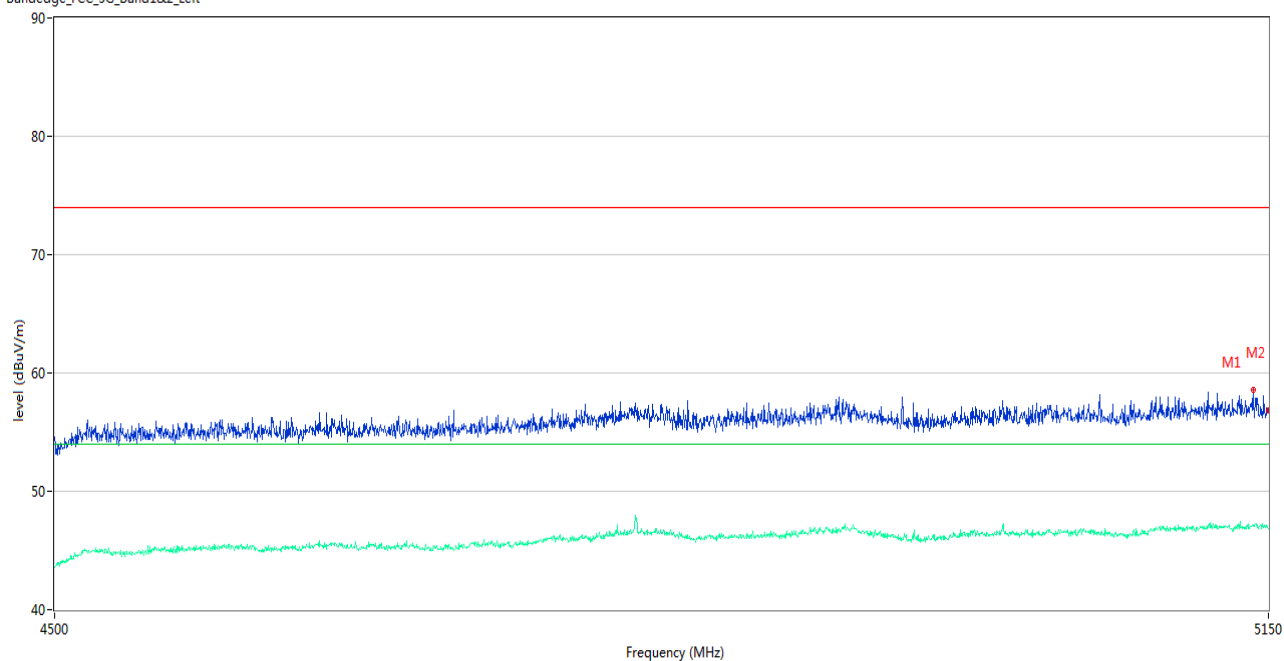
Bandedge_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.83	2.98	74.0	-17.17	Peak	51.00	150	Horizontal	Pass
1**	5350.000	46.39	2.98	54.0	-7.61	AV	51.00	150	Horizontal	Pass
2	5410.317	59.03	3.37	74.0	-14.97	Peak	272.00	150	Horizontal	Pass
2**	5410.317	46.72	3.37	54.0	-7.28	AV	272.00	150	Horizontal	Pass

U-NII-2A 11a CH52

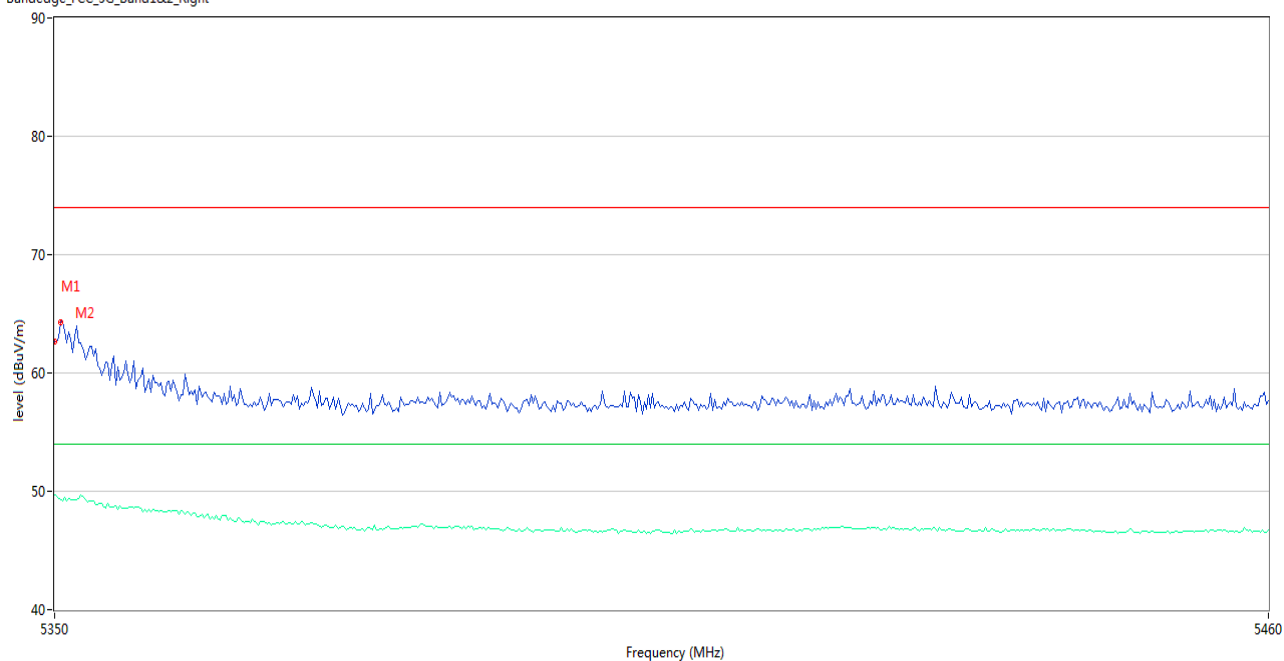
Bandedge_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.225	58.53	3.55	74.0	-15.47	Peak	26.00	150	Horizontal	Pass
1**	5141.225	47.18	3.55	54.0	-6.82	AV	26.00	150	Horizontal	Pass
2	5150.000	56.88	3.22	74.0	-17.12	Peak	43.00	150	Horizontal	Pass
2**	5150.000	46.82	3.22	54.0	-7.18	AV	43.00	150	Horizontal	Pass

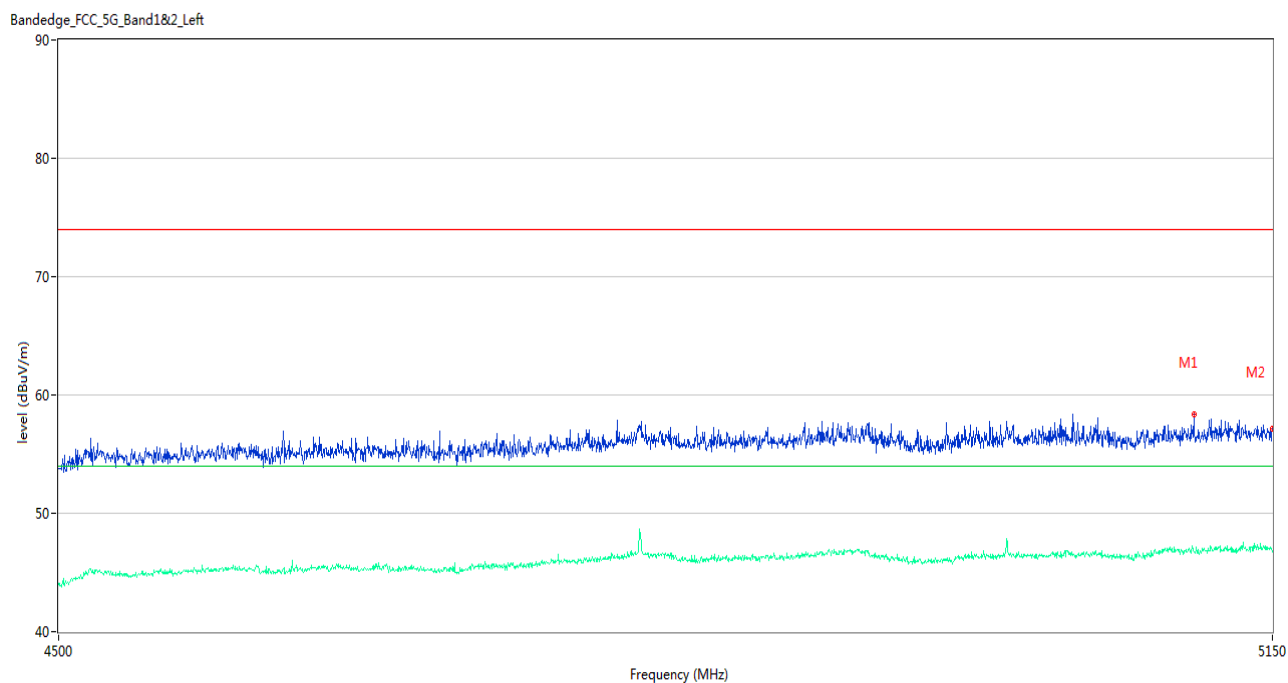
U-NII-2A 11a CH64

Bandedge_FCC_5G_Band1&2_Right



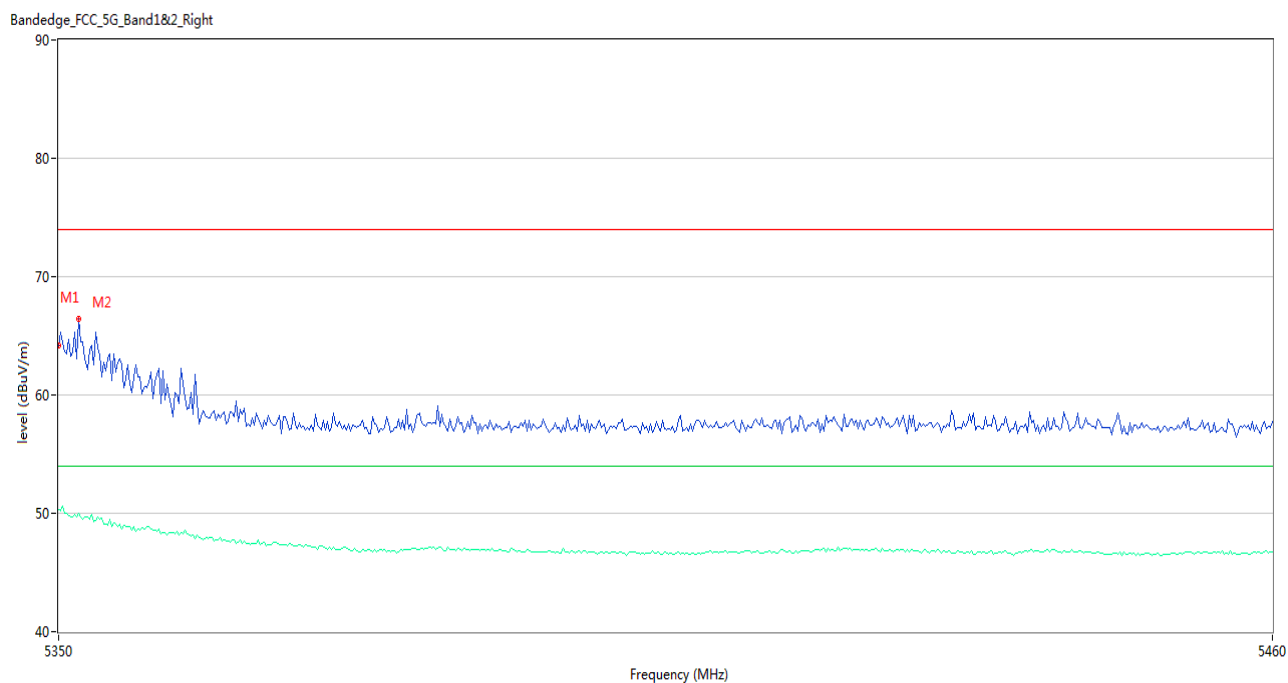
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	62.68	2.98	74.0	-11.32	Peak	256.00	150	Horizontal	Pass
1**	5350.000	49.70	2.98	54.0	-4.30	AV	256.00	150	Horizontal	Pass
2	5350.000	62.68	2.98	74.0	-11.32	Peak	256.00	150	Horizontal	Pass
2**	5350.000	49.70	2.98	54.0	-4.30	AV	256.00	150	Horizontal	Pass

U-NII-2A 11n20 CH52



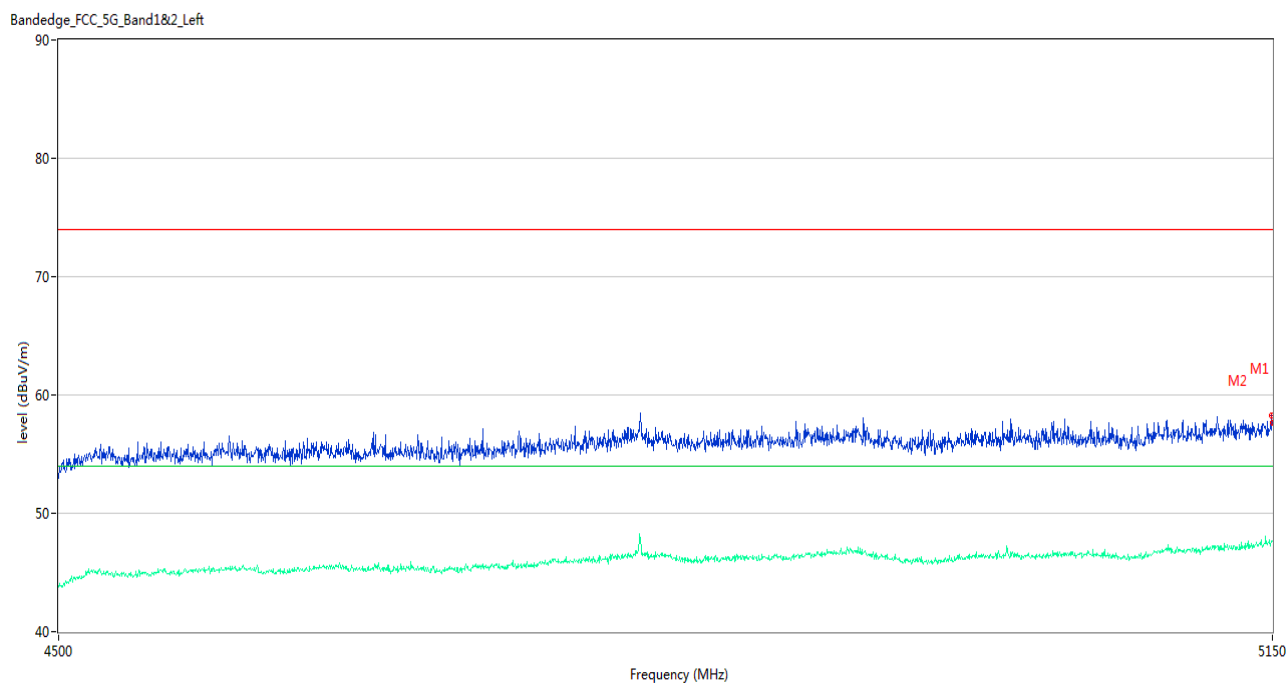
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5105.150	58.32	3.60	74.0	-15.68	Peak	190.00	150	Horizontal	Pass
1**	5105.150	46.71	3.60	54.0	-7.29	AV	190.00	150	Horizontal	Pass
2	5150.000	57.10	3.22	74.0	-16.90	Peak	293.00	150	Horizontal	Pass
2**	5150.000	46.74	3.22	54.0	-7.26	AV	293.00	150	Horizontal	Pass

U-NII-2A 11n20 CH64



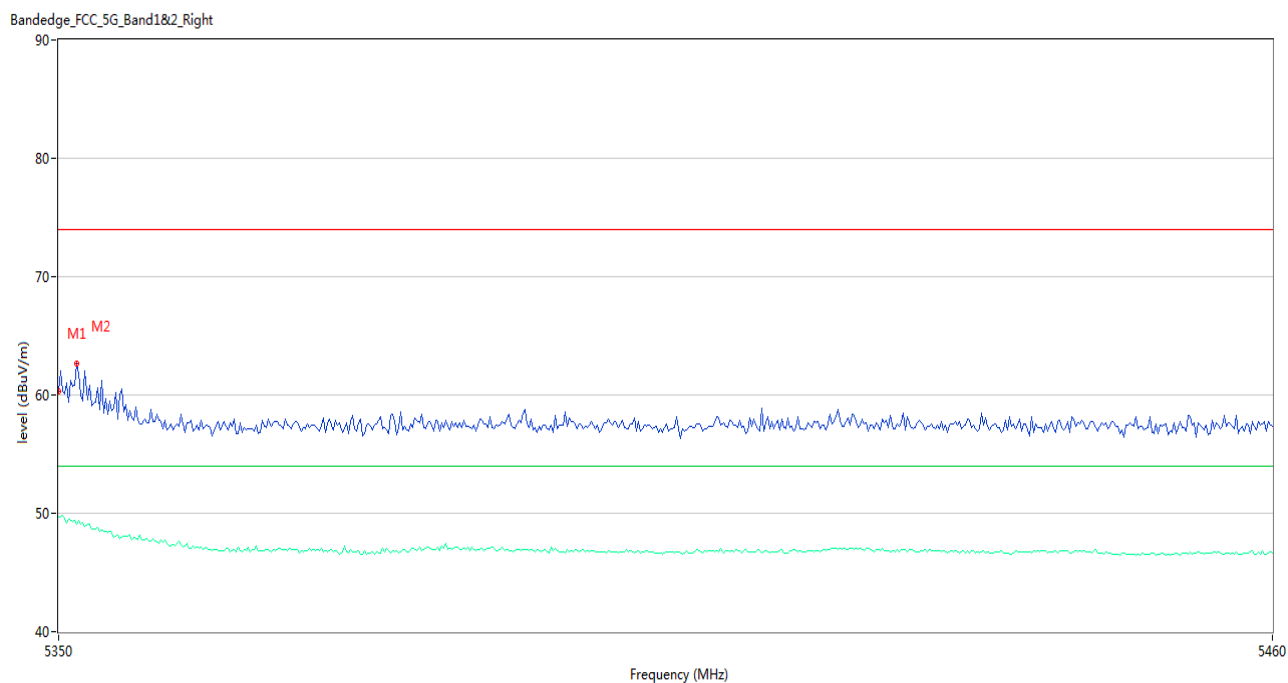
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.18	2.98	74.0	-9.82	Peak	258.00	150	Horizontal	Pass
1**	5350.000	50.31	2.98	54.0	-3.69	AV	258.00	150	Horizontal	Pass
2	5351.834	66.42	3.03	74.0	-7.58	Peak	263.00	150	Horizontal	Pass
2**	5351.834	49.98	3.03	54.0	-4.02	AV	263.00	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	57.66	3.22	74.0	-16.34	Peak	239.00	150	Horizontal	Pass
1**	5150.000	47.64	3.22	54.0	-6.36	AV	239.00	150	Horizontal	Pass
2	5149.350	58.30	3.30	74.0	-15.70	Peak	259.00	150	Horizontal	Pass
2**	5149.350	47.59	3.30	54.0	-6.41	AV	259.00	150	Horizontal	Pass

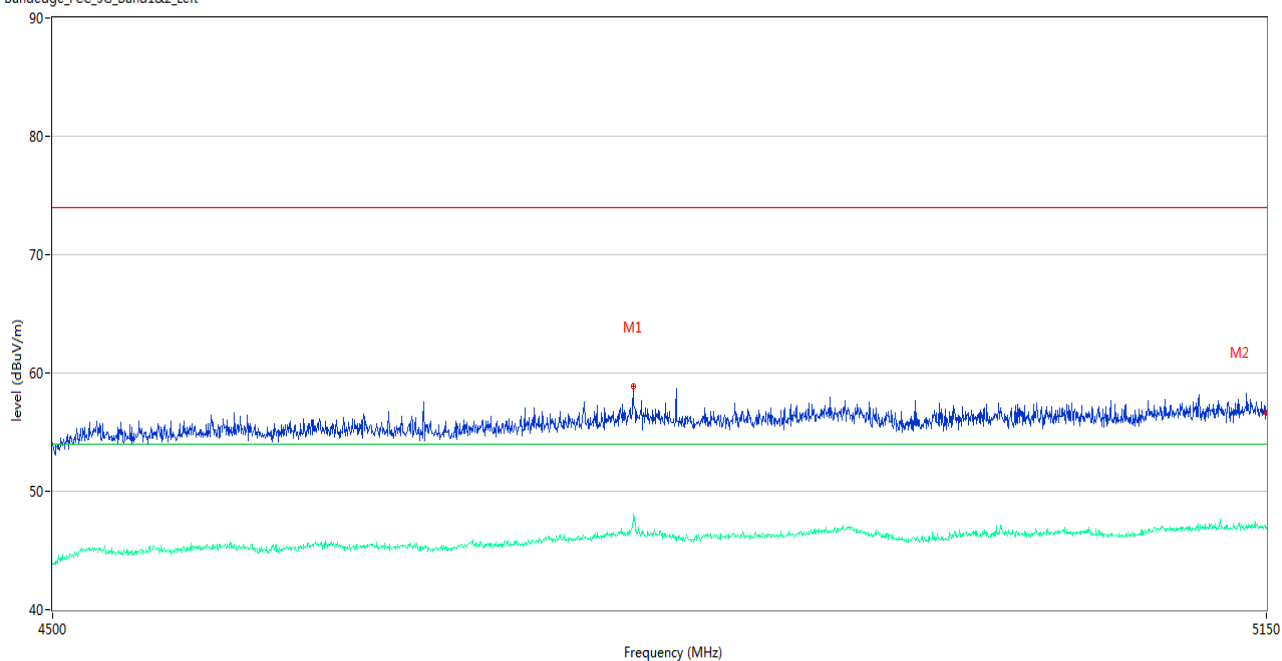
U-NII-2A 11n40 CH62



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.33	2.98	74.0	-13.67	Peak	217.00	150	Horizontal	Pass
1**	5350.000	49.71	2.98	54.0	-4.29	AV	217.00	150	Horizontal	Pass
2	5351.650	62.68	3.00	74.0	-11.32	Peak	259.00	150	Horizontal	Pass
2**	5351.650	49.04	3.00	54.0	-4.96	AV	259.00	150	Horizontal	Pass

U-NII-2A 11ac20 CH52

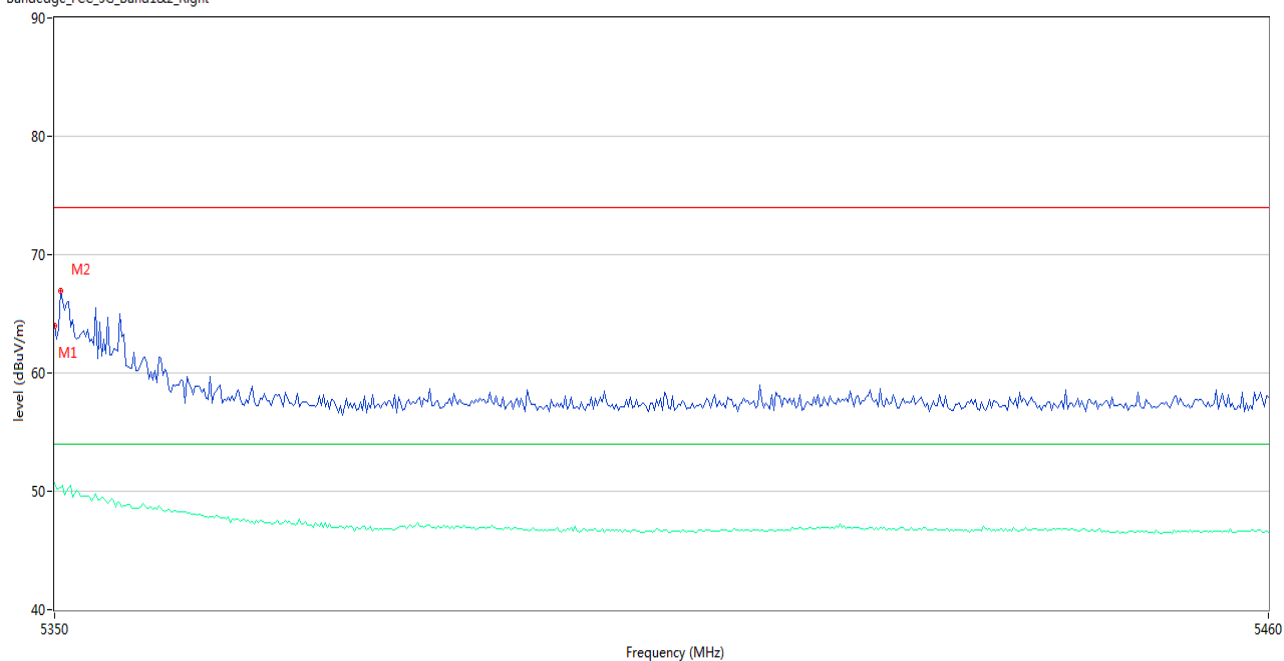
Bandedge_FCC_5G_Band1&2_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4799.975	58.92	3.45	74.0	-15.08	Peak	228.00	150	Horizontal	Pass
1**	4799.975	47.54	3.45	54.0	-6.46	AV	228.00	150	Horizontal	Pass
2	5150.000	56.66	3.22	74.0	-17.34	Peak	275.00	150	Horizontal	Pass
2**	5150.000	46.82	3.22	54.0	-7.18	AV	275.00	150	Horizontal	Pass

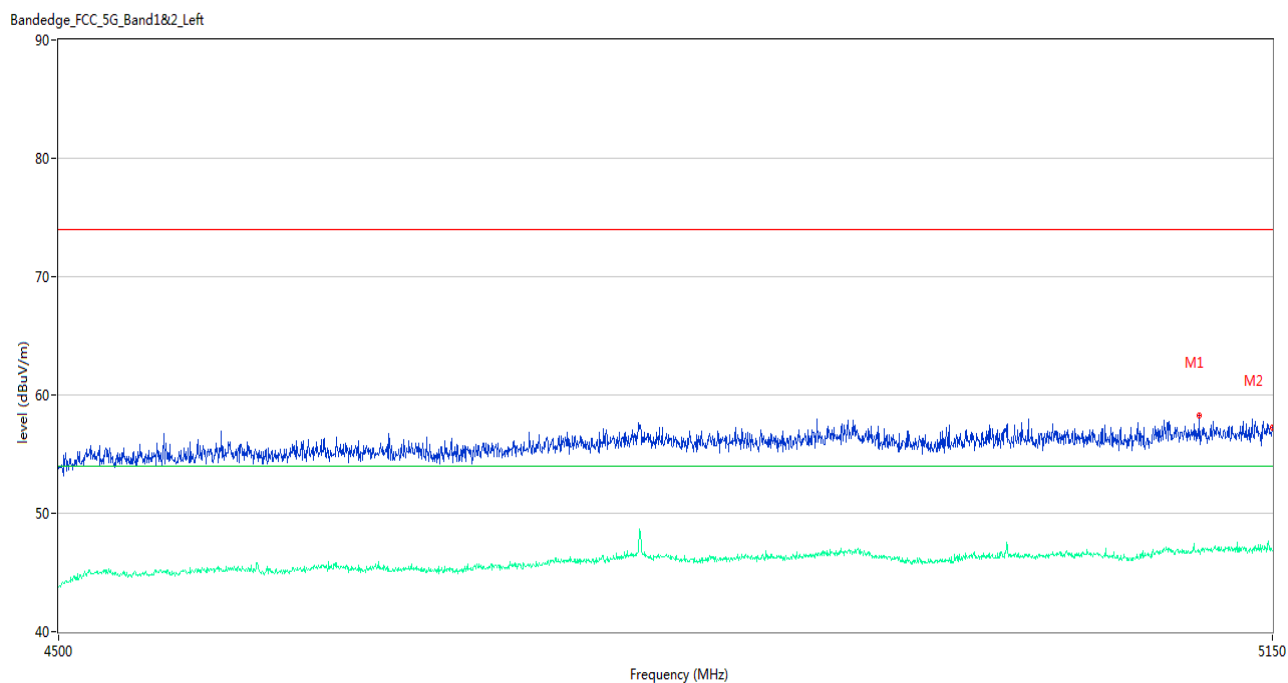
U-NII-2A 11ac20 CH64

Bandedge_FCC_5G_Band1&2_Right



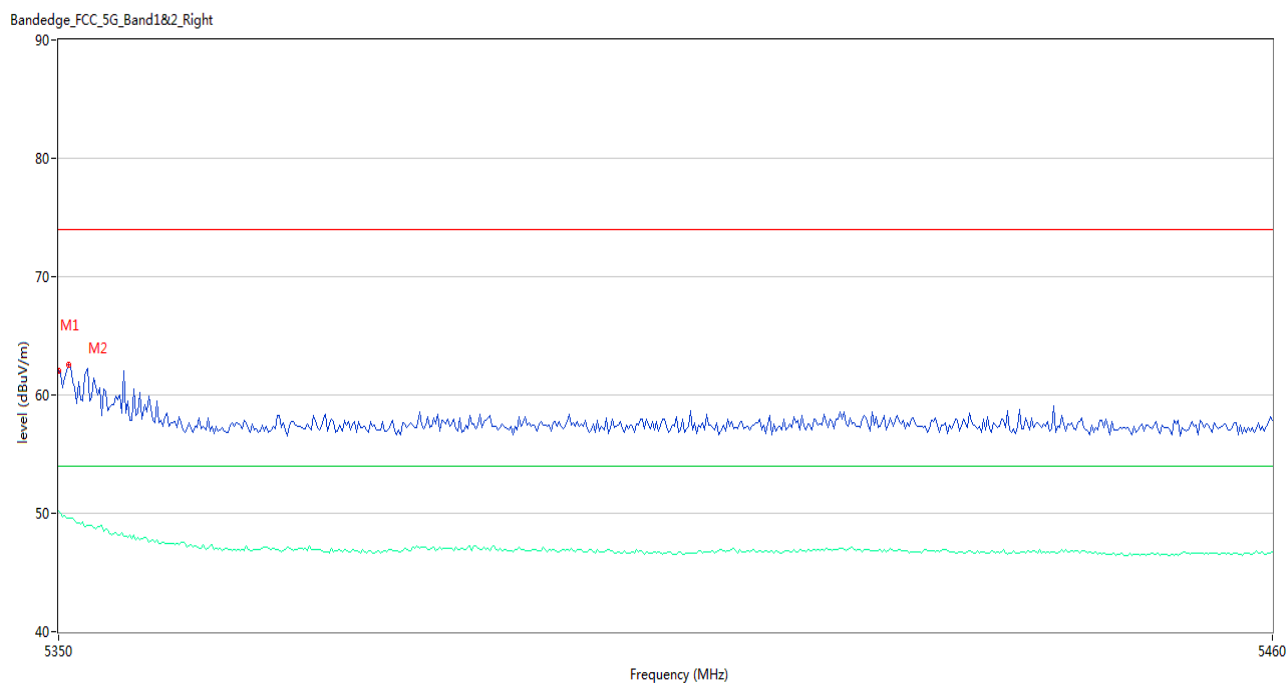
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.00	2.98	74.0	-10.00	Peak	260.00	150	Horizontal	Pass
1**	5350.000	50.71	2.98	54.0	-3.29	AV	260.00	150	Horizontal	Pass
2	5350.000	64.00	2.98	74.0	-10.00	Peak	260.00	150	Horizontal	Pass
2**	5350.000	50.71	2.98	54.0	-3.29	AV	260.00	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	5108.400	58.26	3.45	74.0	-15.74	Peak	360.00	150	Horizontal	Pass
1**	5108.400	46.79	3.45	54.0	-7.21	AV	360.00	150	Horizontal	Pass
2	5150.000	57.24	3.22	74.0	-16.76	Peak	276.00	150	Horizontal	Pass
2**	5150.000	46.87	3.22	54.0	-7.13	AV	276.00	150	Horizontal	Pass

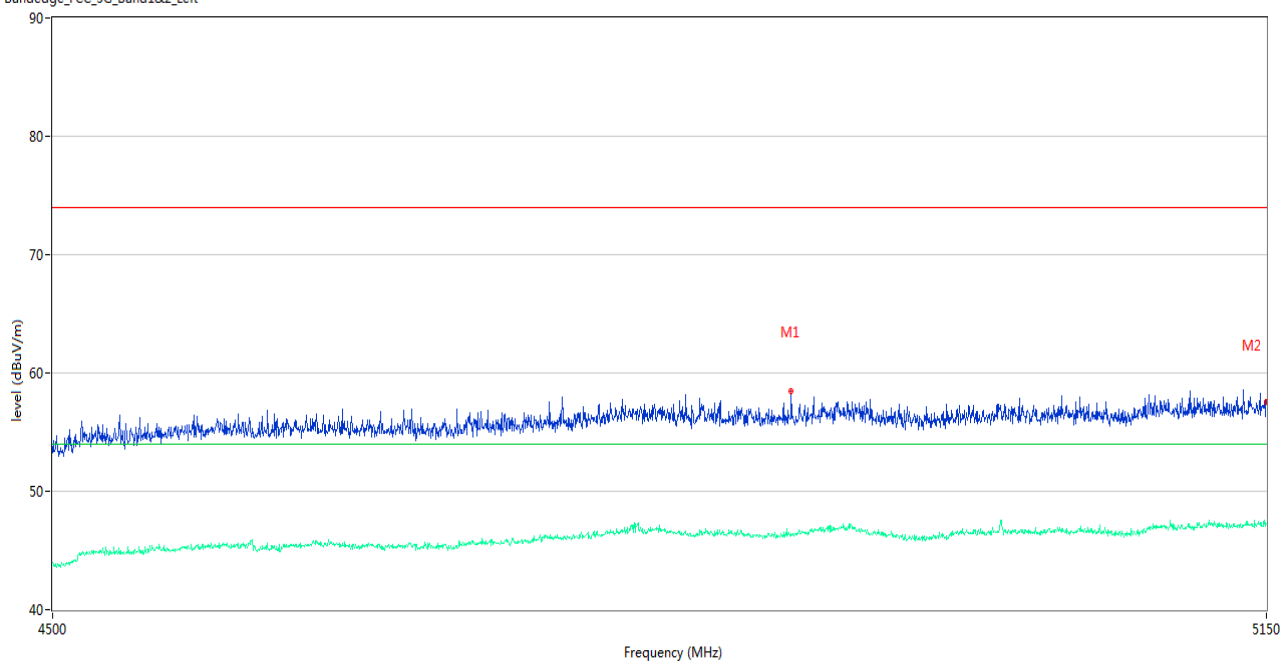
U-NII-2A 11ac40 CH62



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	62.08	2.98	74.0	-11.92	Peak	262.00	150	Horizontal	Pass
1**	5350.000	50.20	2.98	54.0	-3.80	AV	262.00	150	Horizontal	Pass
2	5350.917	62.56	2.92	74.0	-11.44	Peak	267.00	150	Horizontal	Pass
2**	5350.917	49.60	2.92	54.0	-4.40	AV	267.00	150	Horizontal	Pass

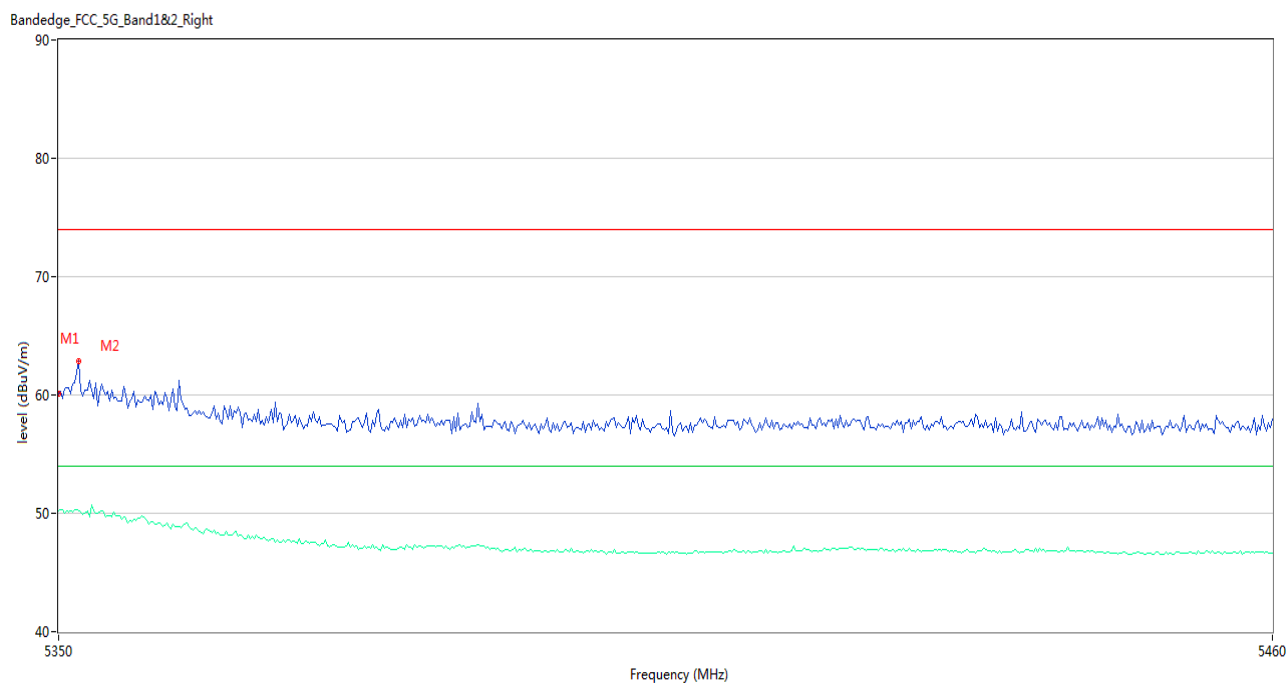
U-NII-2A 11ac80 CH58

Bandedge_FCC_5G_Band1&2_Left



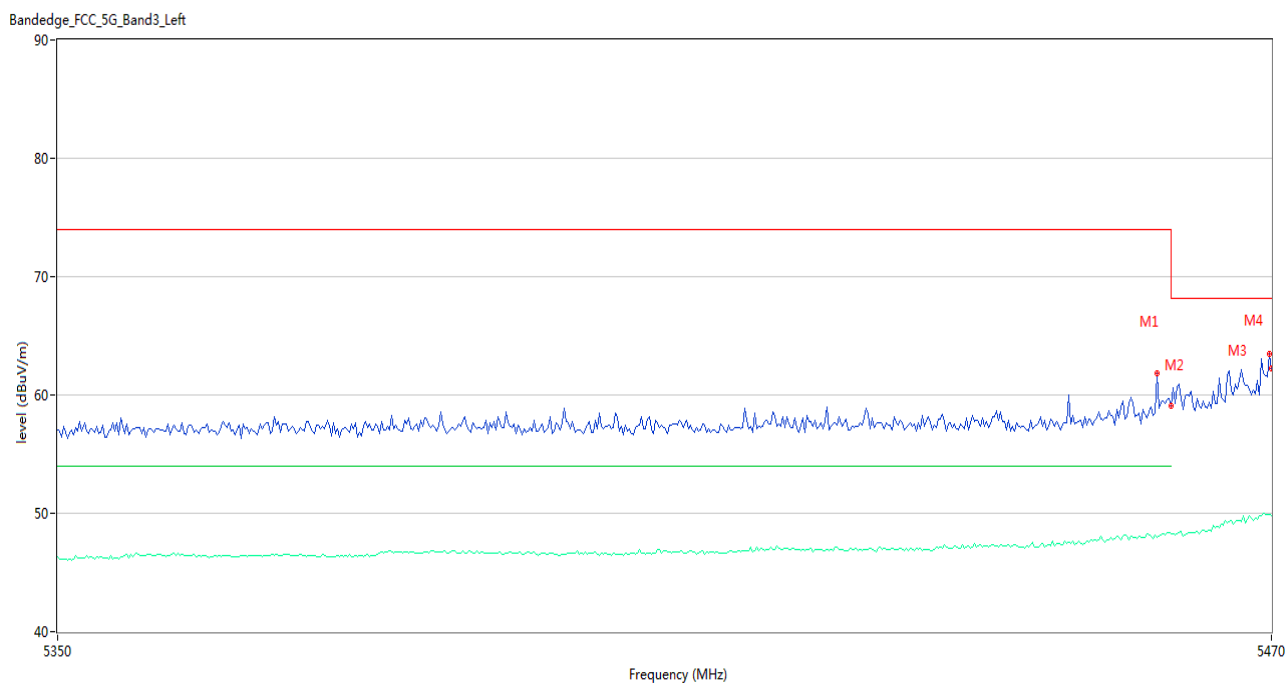
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4885.125	58.51	2.67	74.0	-15.49	Peak	309.00	150	Horizontal	Pass
1**	4885.125	46.21	2.67	54.0	-7.79	AV	309.00	150	Horizontal	Pass
2	5150.000	57.51	3.22	74.0	-16.49	Peak	250.00	150	Horizontal	Pass
2**	5150.000	47.21	3.22	54.0	-6.79	AV	250.00	150	Horizontal	Pass

U-NII-2A 11ac80 CH58



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.12	2.98	74.0	-13.88	Peak	272.00	150	Horizontal	Pass
1**	5350.000	50.22	2.98	54.0	-3.78	AV	272.00	150	Horizontal	Pass
2	5351.834	62.89	3.03	74.0	-11.11	Peak	256.00	150	Horizontal	Pass
2**	5351.834	50.17	3.03	54.0	-3.83	AV	256.00	150	Horizontal	Pass

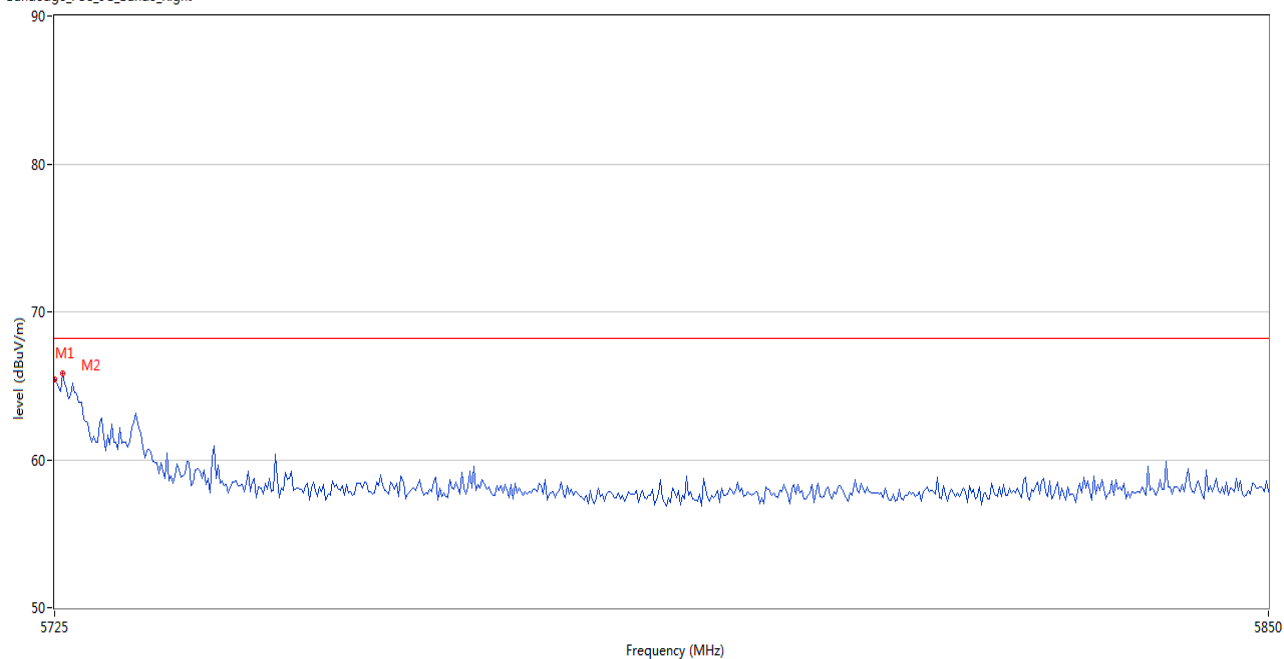
U-NII-2C 11a CH100



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.600	61.82	3.83	74.0	-12.18	Peak	266.00	150	Horizontal	Pass
1**	5458.600	48.00	3.83	54.0	-6.00	AV	266.00	150	Horizontal	Pass
2	5460.000	59.11	3.79	74.0	-14.89	Peak	32.00	150	Horizontal	Pass
2**	5460.000	48.22	3.79	54.0	-5.78	AV	32.00	150	Horizontal	Pass
3	5469.800	63.42	3.88	68.2	-4.78	Peak	277.00	150	Horizontal	Pass
3**	5469.800	49.91	3.88	--	--	AV	277.00	150	Horizontal	N/A
4	5470.000	62.20	3.88	68.2	-6.00	Peak	266.00	150	Horizontal	Pass
4**	5470.000	49.83	3.88	--	--	AV	266.00	150	Horizontal	N/A

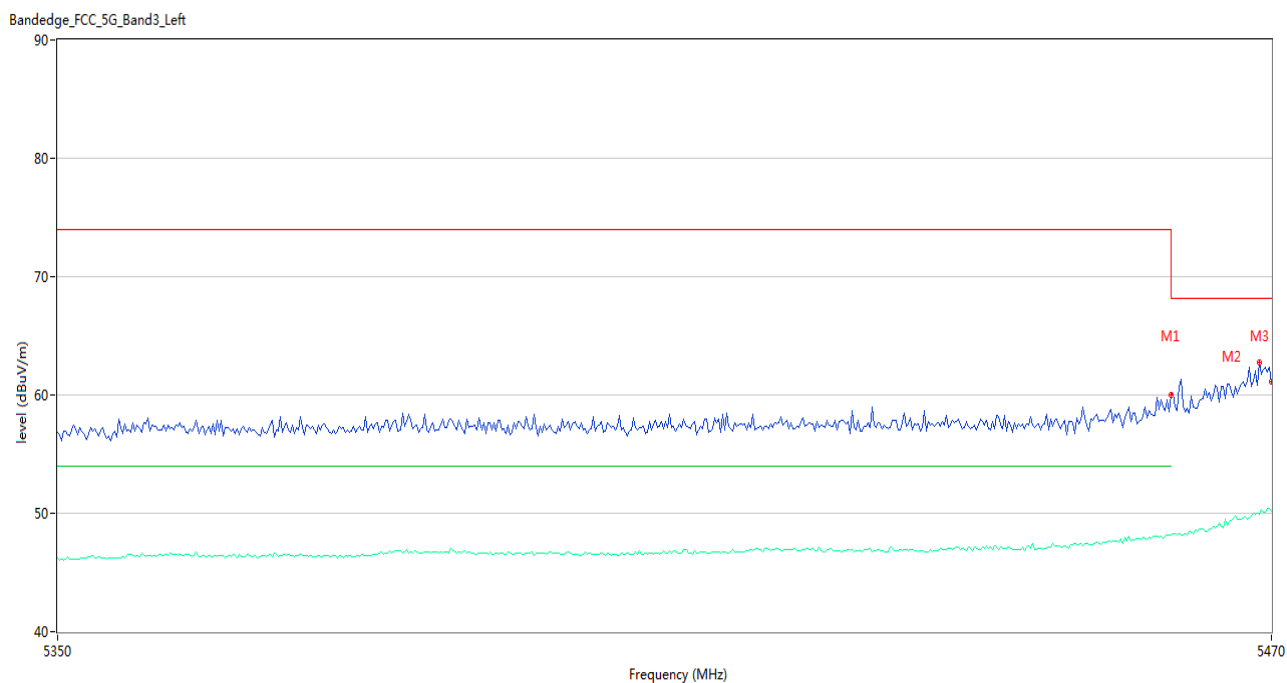
U-NII-2C 11a CH140

Bandedge_FCC_5G_Band3_Right



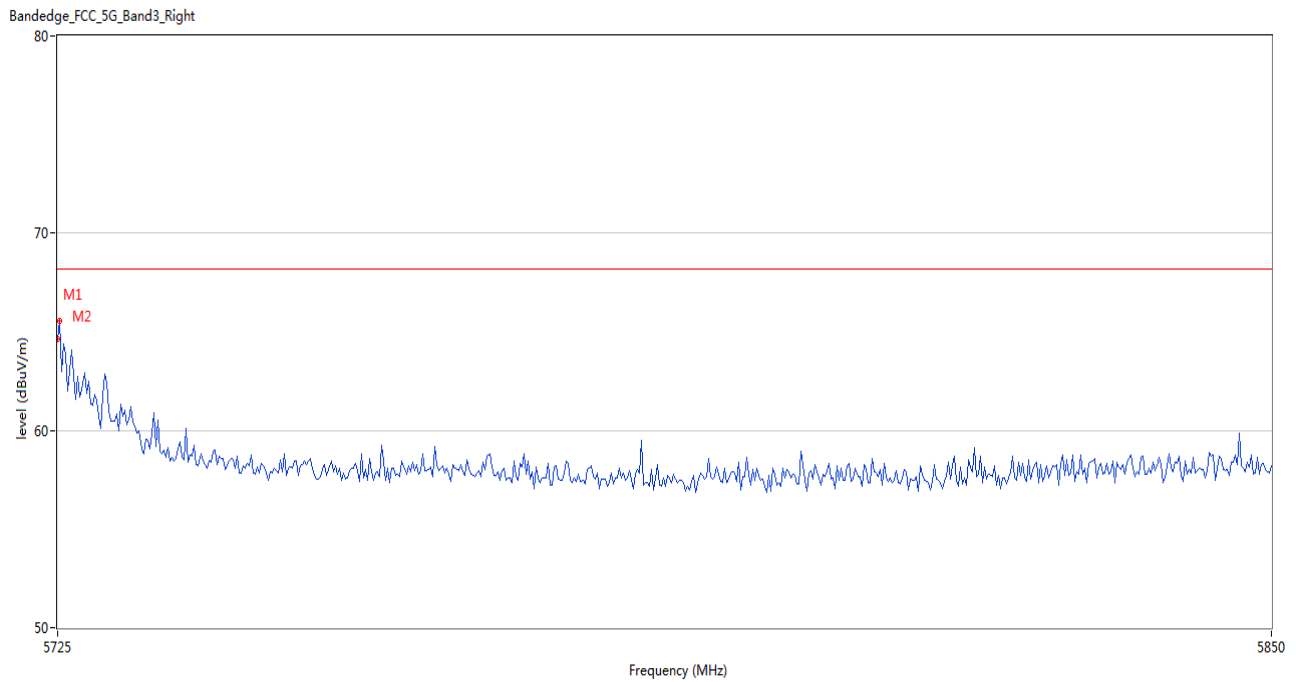
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	65.41	3.78	68.2	-2.79	Peak	6.00	150	Horizontal	Pass
2	5725.834	65.87	3.72	68.2	-2.33	Peak	59.00	150	Horizontal	Pass

U-NII-2C 11n20 CH100



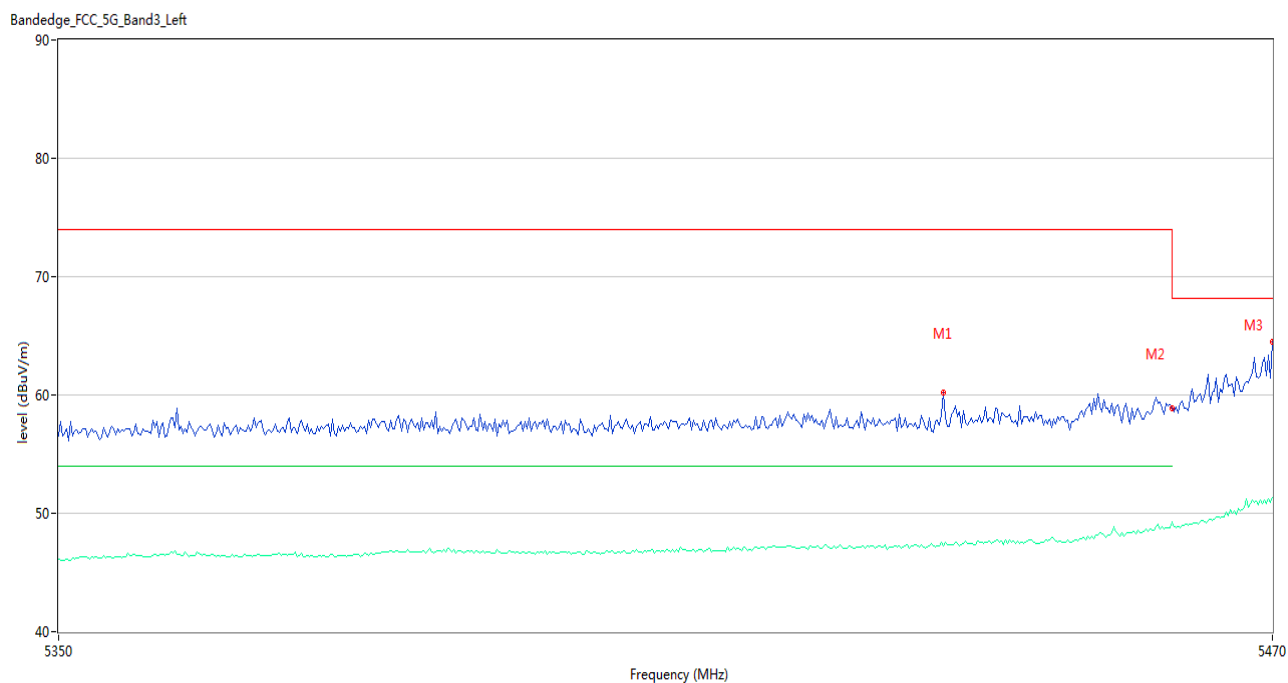
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	59.96	3.79	74.0	-14.04	Peak	286.00	150	Horizontal	Pass
1**	5460.000	48.17	3.79	54.0	-5.83	AV	286.00	150	Horizontal	Pass
2	5468.800	62.78	3.90	68.2	-5.42	Peak	268.00	150	Horizontal	Pass
2**	5468.800	49.95	3.90	--	--	AV	268.00	150	Horizontal	N/A
3	5470.000	61.13	3.88	68.2	-7.07	Peak	63.00	150	Horizontal	Pass
3**	5470.000	50.25	3.88	--	--	AV	63.00	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	64.61	3.78	68.2	-3.59	Peak	319.00	150	Horizontal	Pass
2	5725.209	65.17	3.76	68.2	-3.03	Peak	63.00	150	Horizontal	Pass

U-NII-2C 11n40 CH102



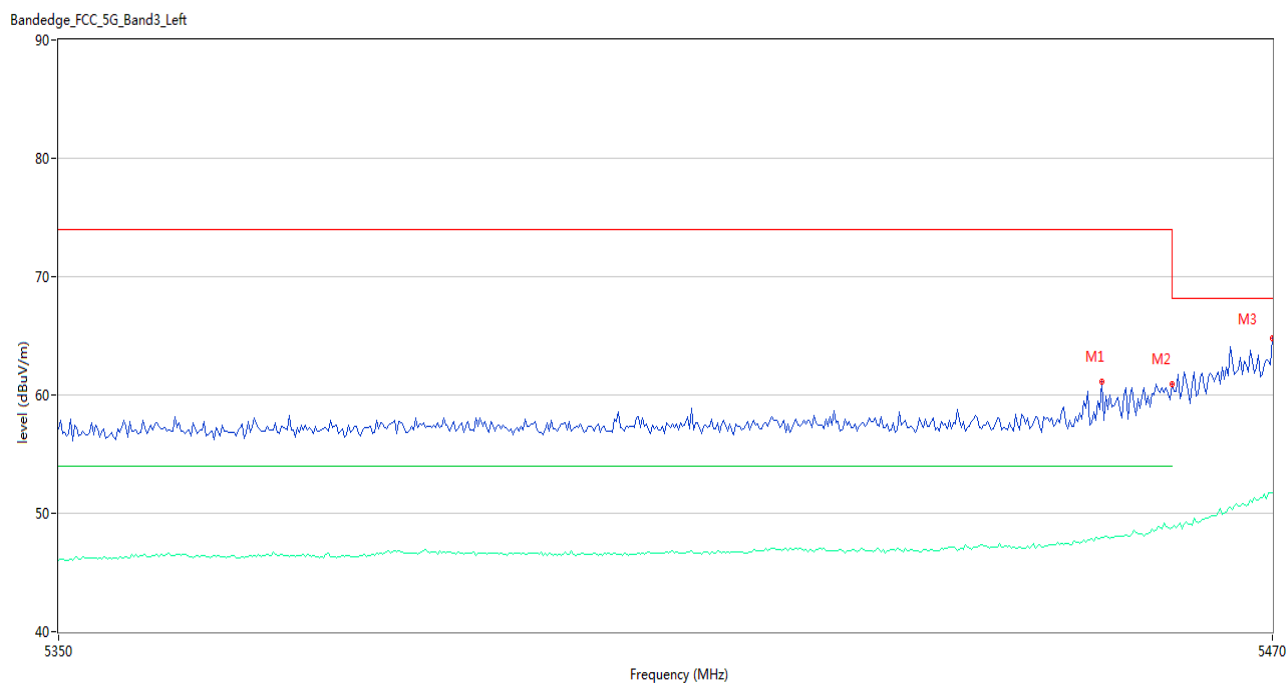
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5437.200	60.16	3.48	74.0	-13.84	Peak	255.00	150	Horizontal	Pass
1**	5437.200	47.27	3.48	54.0	-6.73	AV	255.00	150	Horizontal	Pass
2	5460.000	58.86	3.79	74.0	-15.14	Peak	274.00	150	Horizontal	Pass
2**	5460.000	49.28	3.79	54.0	-4.72	AV	274.00	150	Horizontal	Pass
3	5470.000	64.48	3.88	68.2	-3.72	Peak	261.00	150	Horizontal	Pass
3**	5470.000	51.33	3.88	--	--	AV	261.00	150	Horizontal	N/A

U-NII-2C 11n40 CH134



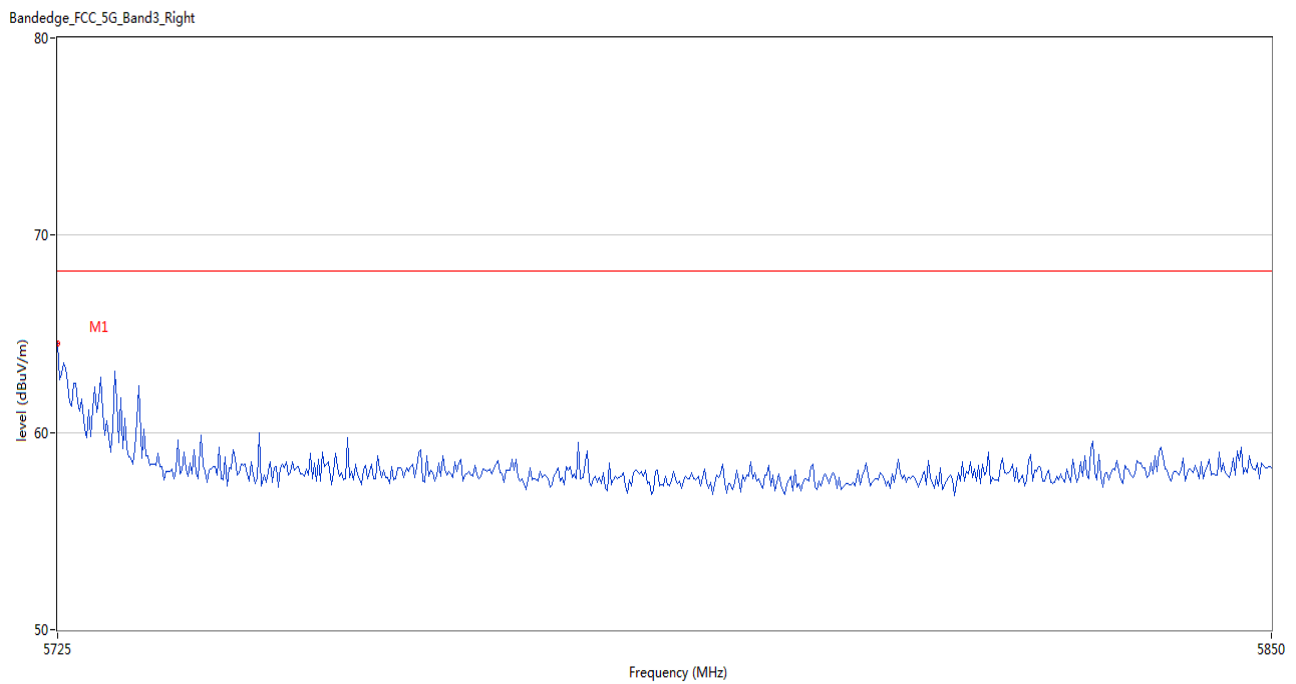
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	60.85	3.78	68.2	-7.35	Peak	287.00	150	Horizontal	Pass
2	5729.166	62.21	3.60	68.2	-5.99	Peak	33.00	150	Horizontal	Pass

U-NII-2C 11ac20 CH100



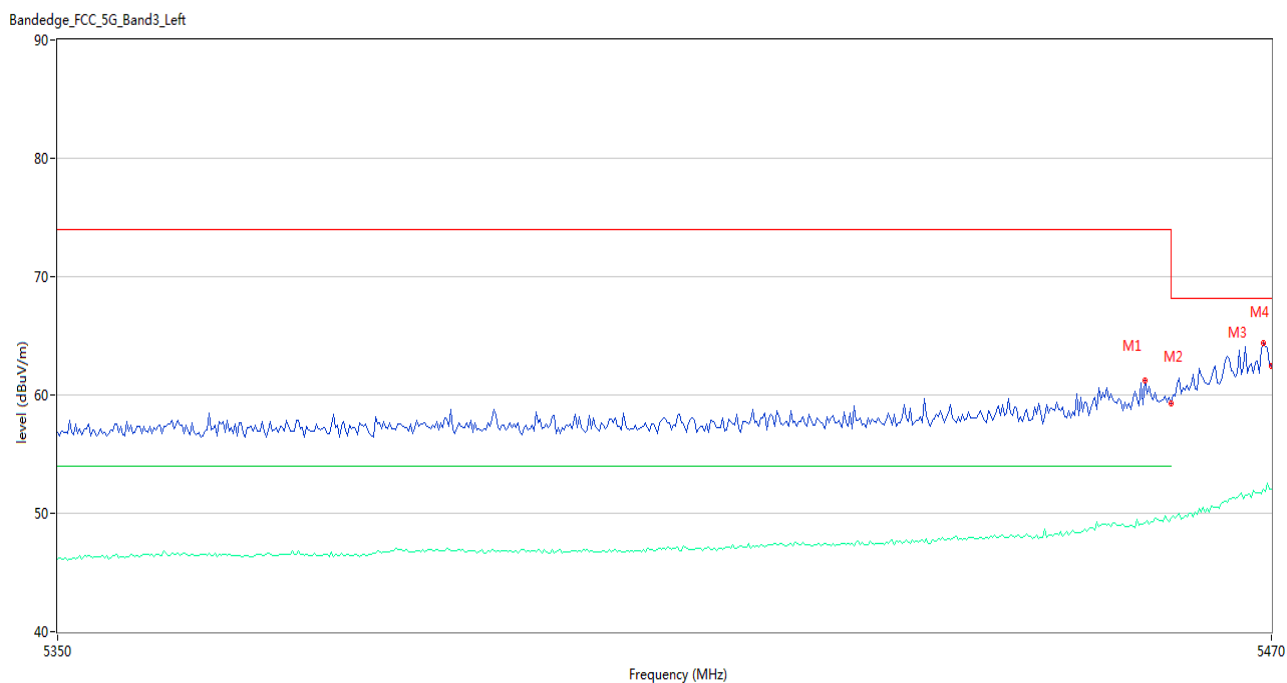
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5453.000	61.08	3.83	74.0	-12.92	Peak	264.00	150	Horizontal	Pass
1**	5453.000	48.00	3.83	54.0	-6.00	AV	264.00	150	Horizontal	Pass
2	5460.000	60.90	3.79	74.0	-13.10	Peak	270.00	150	Horizontal	Pass
2**	5460.000	48.82	3.79	54.0	-5.18	AV	270.00	150	Horizontal	Pass
3	5470.000	64.75	3.88	68.2	-3.45	Peak	283.00	150	Horizontal	Pass
3**	5470.000	51.78	3.88	--	51.78	AV	283.00	150	Horizontal	N/A

U-NII-2C 11ac20 CH140



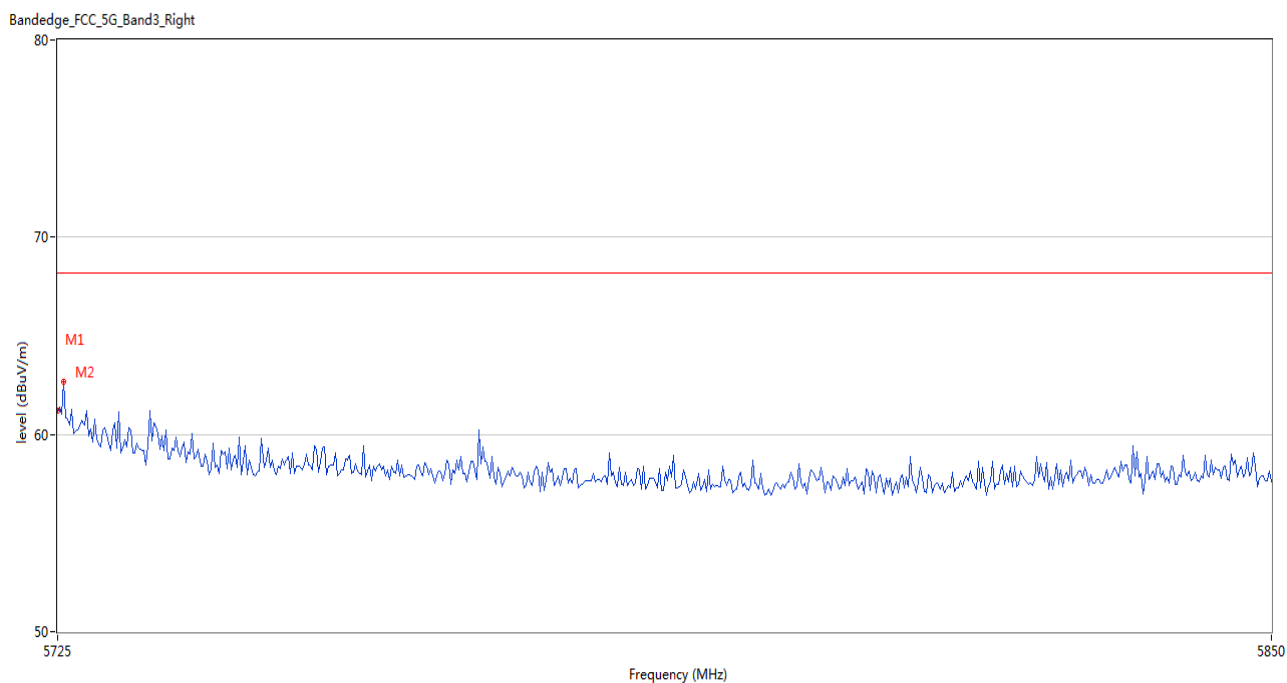
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	64.50	3.78	68.2	-3.70	Peak	67.00	150	Horizontal	Pass

U-NII-2C 11ac40 CH102



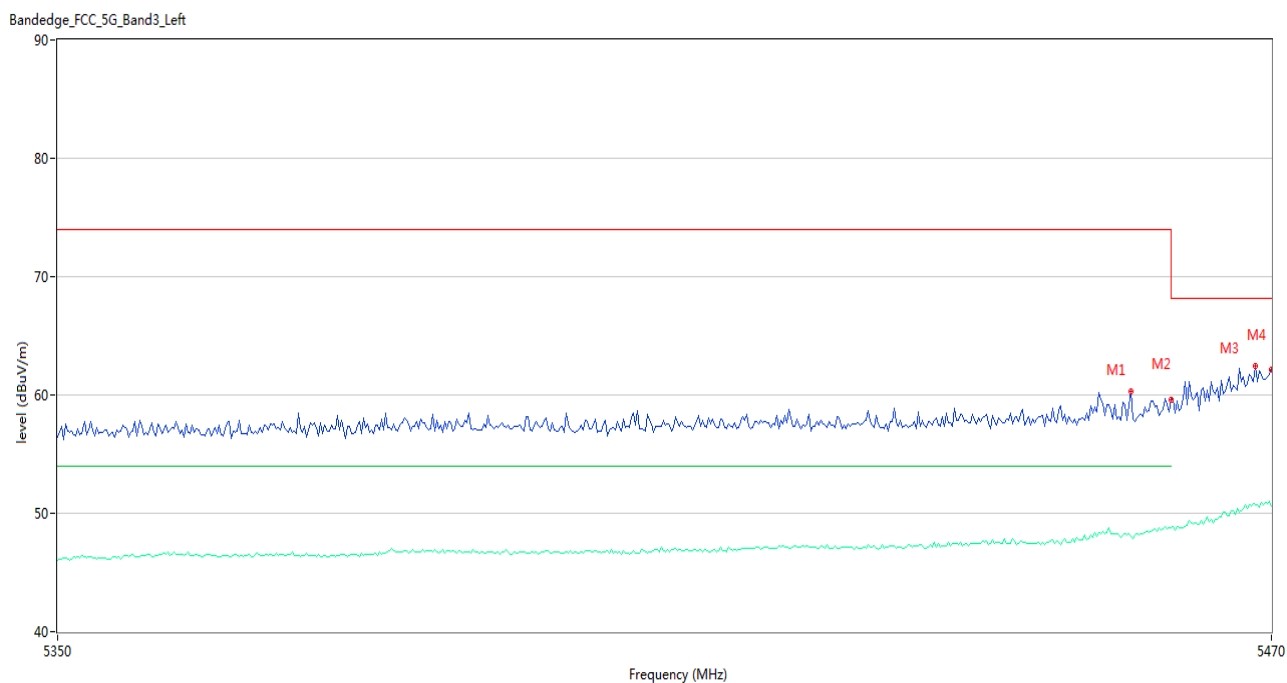
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.400	61.22	3.80	74.0	-12.78	Peak	270.00	150	Horizontal	Pass
1**	5457.400	49.20	3.80	54.0	-4.80	AV	270.00	150	Horizontal	Pass
2	5460.000	59.26	3.79	74.0	-14.74	Peak	268.00	150	Horizontal	Pass
2**	5460.000	49.55	3.79	54.0	-4.45	AV	268.00	150	Horizontal	Pass
3	5469.200	64.37	3.89	68.2	-3.83	Peak	270.00	150	Horizontal	Pass
3**	5469.200	52.01	3.89	--	--	AV	270.00	150	Horizontal	N/A
4	5470.000	62.40	3.88	68.2	-5.80	Peak	254.00	150	Horizontal	Pass
4**	5470.000	52.06	3.88	--	--	AV	254.00	150	Horizontal	N/A

U-NII-2C 11ac40 CH134



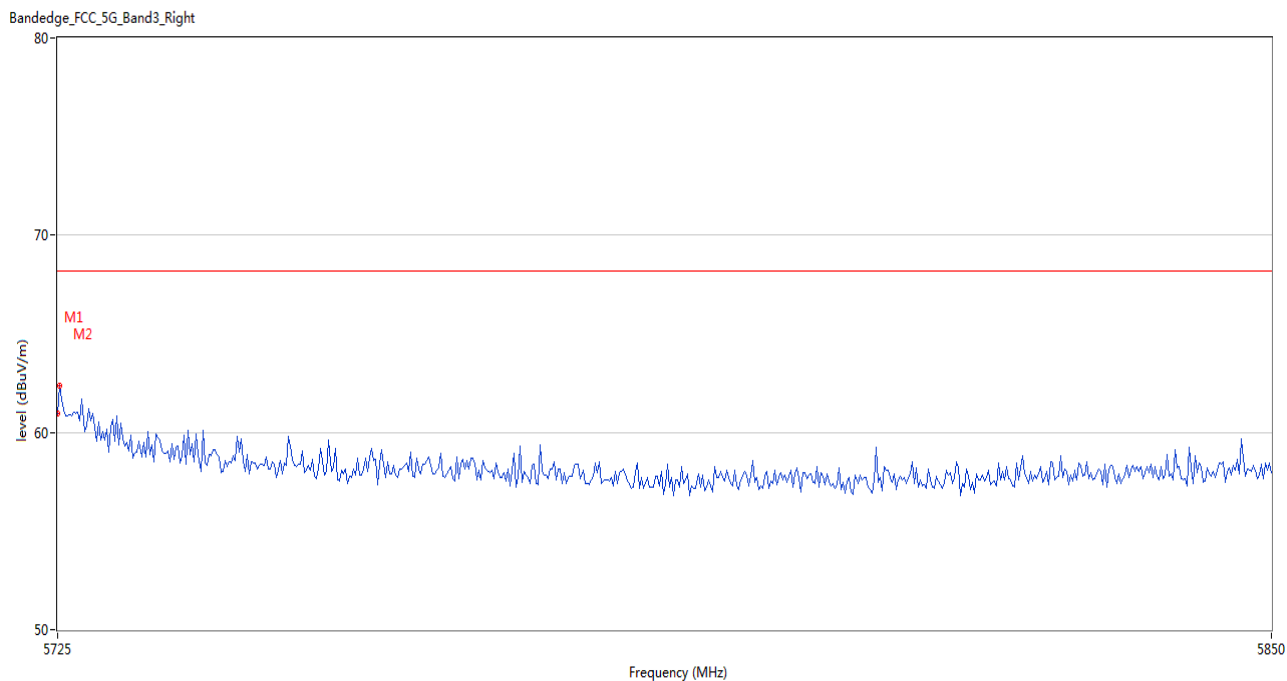
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.22	3.78	68.2	-6.98	Peak	286.00	150	Horizontal	Pass
2	5725.625	62.66	3.74	68.2	-5.54	Peak	36.00	150	Horizontal	Pass

U-NII-2C 11ac80 CH106



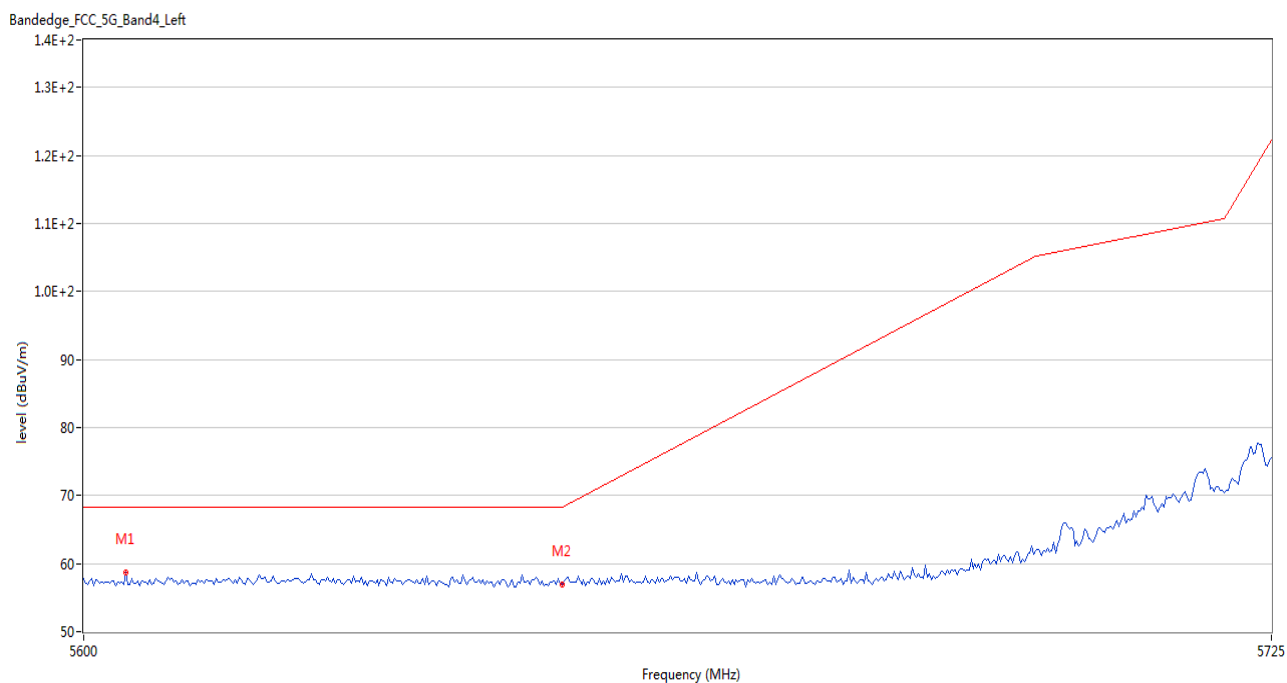
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5456.000	60.27	3.82	74.0	-13.73	Peak	284.00	150	Horizontal	Pass
1**	5456.000	48.02	3.82	54.0	-5.98	AV	284.00	150	Horizontal	Pass
2	5460.000	59.56	3.79	74.0	-14.44	Peak	258.00	150	Horizontal	Pass
2**	5460.000	48.76	3.79	54.0	-5.24	AV	258.00	150	Horizontal	Pass
3	5468.400	62.48	3.90	68.2	-5.72	Peak	271.00	150	Horizontal	Pass
3**	5468.400	50.74	3.90	--	--	AV	271.00	150	Horizontal	N/A
4	5470.000	62.10	3.88	68.2	-6.10	Peak	262.00	150	Horizontal	Pass
4**	5470.000	50.63	3.88	--	--	AV	262.00	150	Horizontal	N/A

U-NII-2C 11ac80 CH122



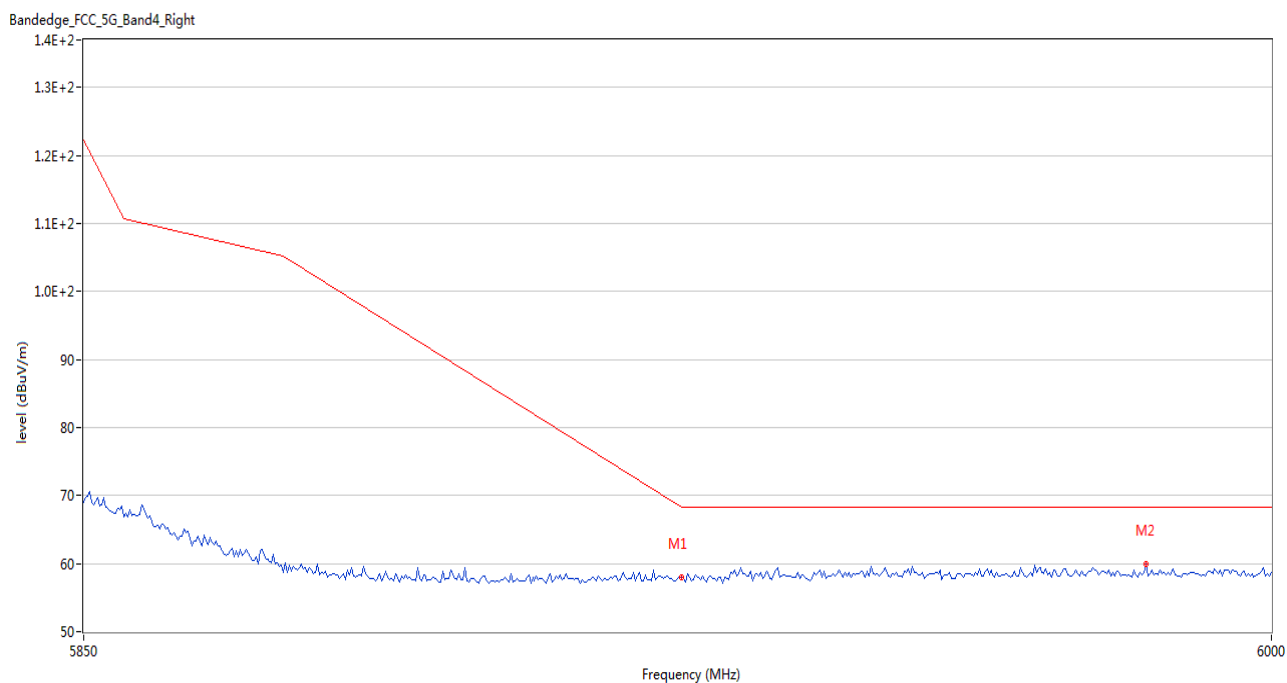
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	60.96	3.78	68.2	-7.24	Peak	265.00	150	Horizontal	Pass
2	5725.000	60.96	3.78	68.2	-7.24	Peak	265.00	150	Horizontal	Pass

U-NII-3 11a CH149



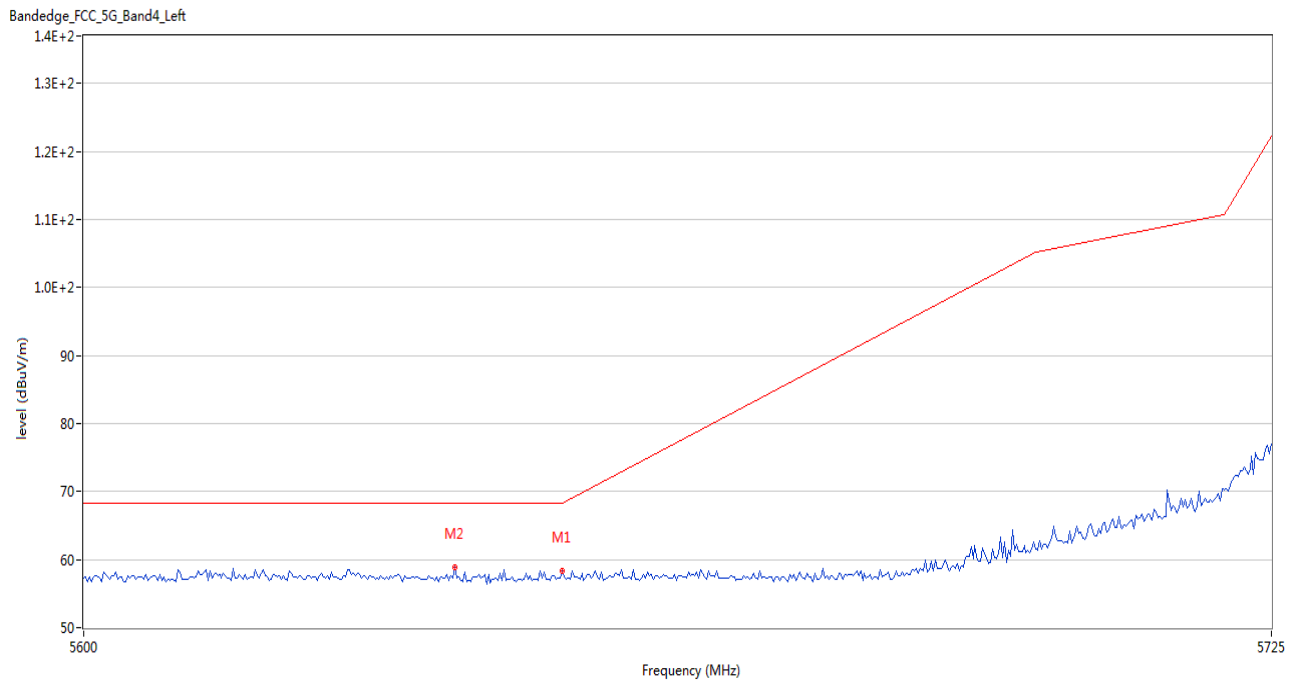
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5604.375	58.66	3.39	68.2	-9.54	Peak	31.00	150	Horizontal	Pass
2	5650.000	56.98	3.60	68.2	-11.22	Peak	357.00	150	Horizontal	Pass

U-NII-3 11a CH165



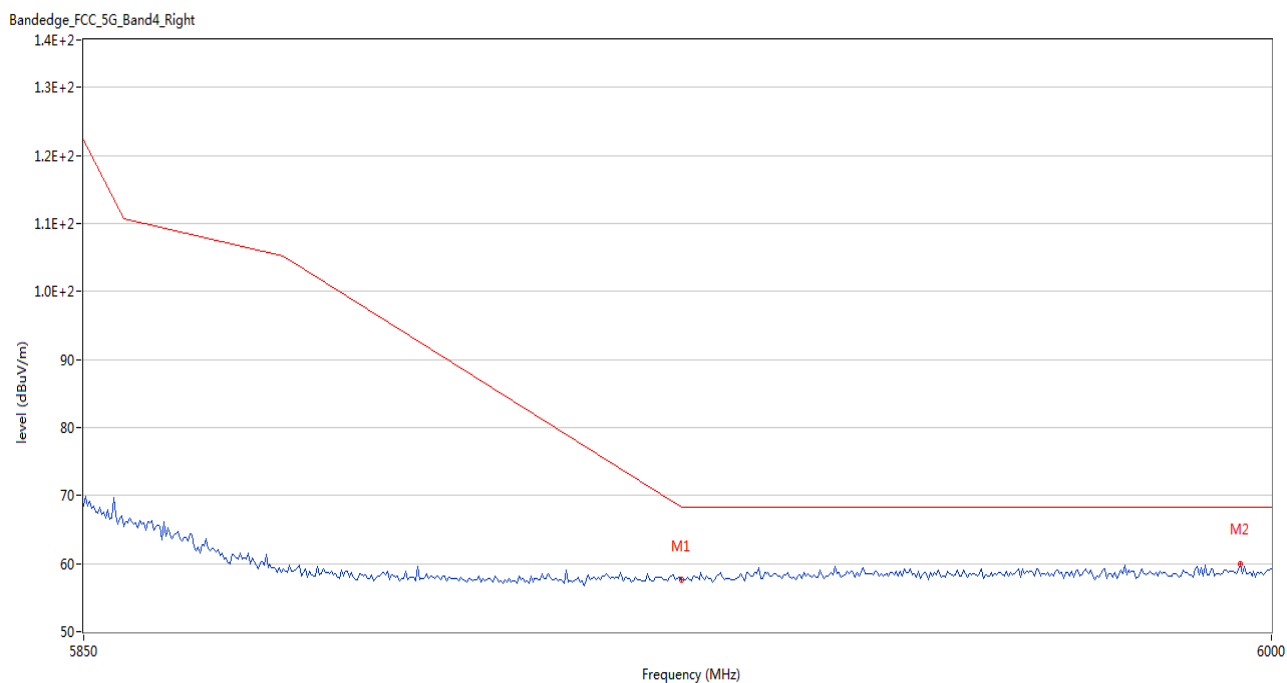
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.96	3.43	68.2	-10.24	Peak	234.00	150	Horizontal	Pass
2	5984.000	59.93	4.34	68.2	-8.27	Peak	229.00	150	Horizontal	Pass

U-NII-3 11n20 CH149



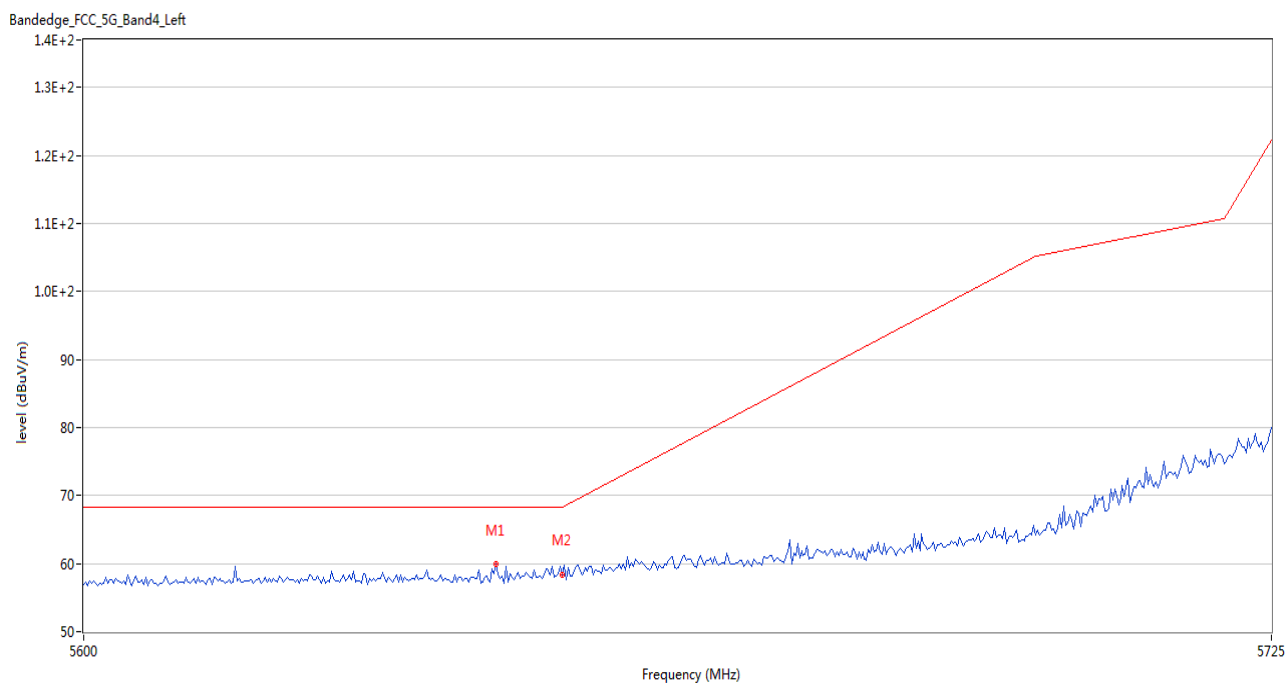
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	58.35	3.60	68.2	-9.85	Peak	0.00	150	Horizontal	Pass
2	5638.750	58.82	3.35	68.2	-9.38	Peak	54.00	150	Horizontal	Pass

U-NII-3 11n20 CH165



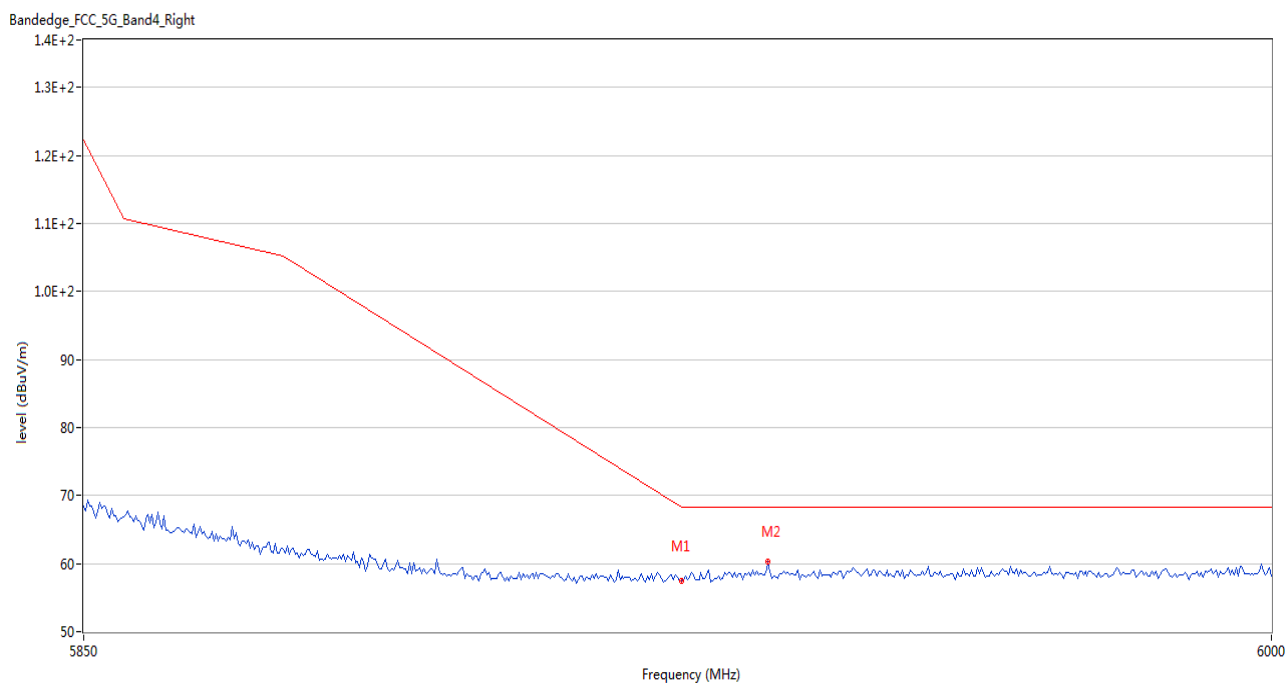
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.67	3.43	68.2	-10.53	Peak	285.00	150	Horizontal	Pass
2	5996.000	60.01	4.49	68.2	-8.19	Peak	315.00	150	Horizontal	Pass

U-NII-3 11n40 CH151



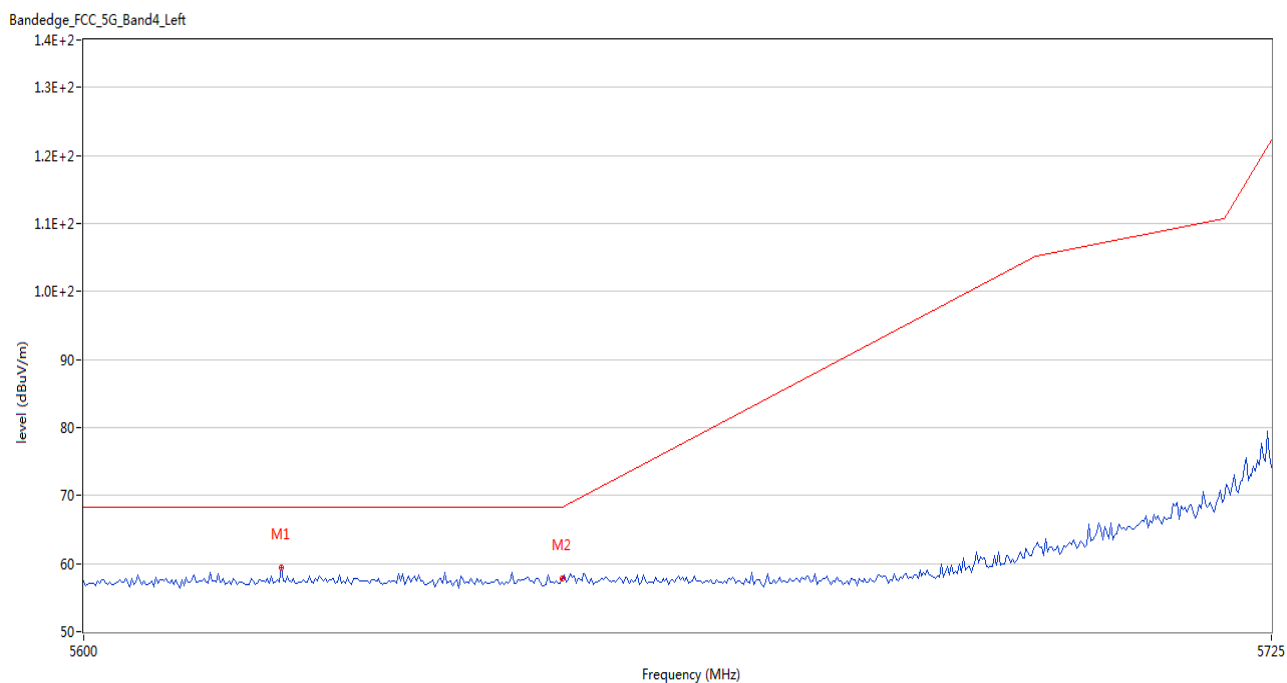
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5643.125	60.01	3.39	68.2	-8.19	Peak	281.00	150	Horizontal	Pass
2	5650.000	58.43	3.60	68.2	-9.77	Peak	283.00	150	Horizontal	Pass

U-NII-3 11n40 CH159



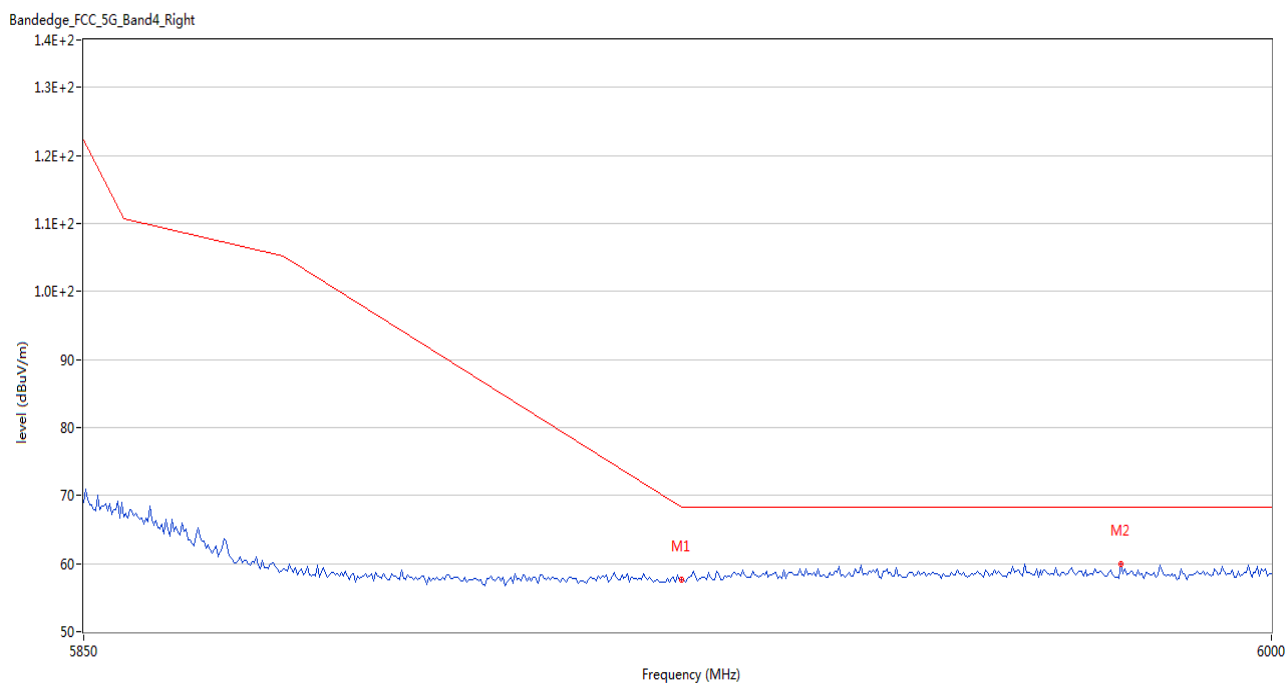
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.54	3.43	68.2	-10.66	Peak	157.00	150	Horizontal	Pass
2	5936.000	60.28	4.06	68.2	-7.92	Peak	32.00	150	Horizontal	Pass

U-NII-3 11ac20 CH149



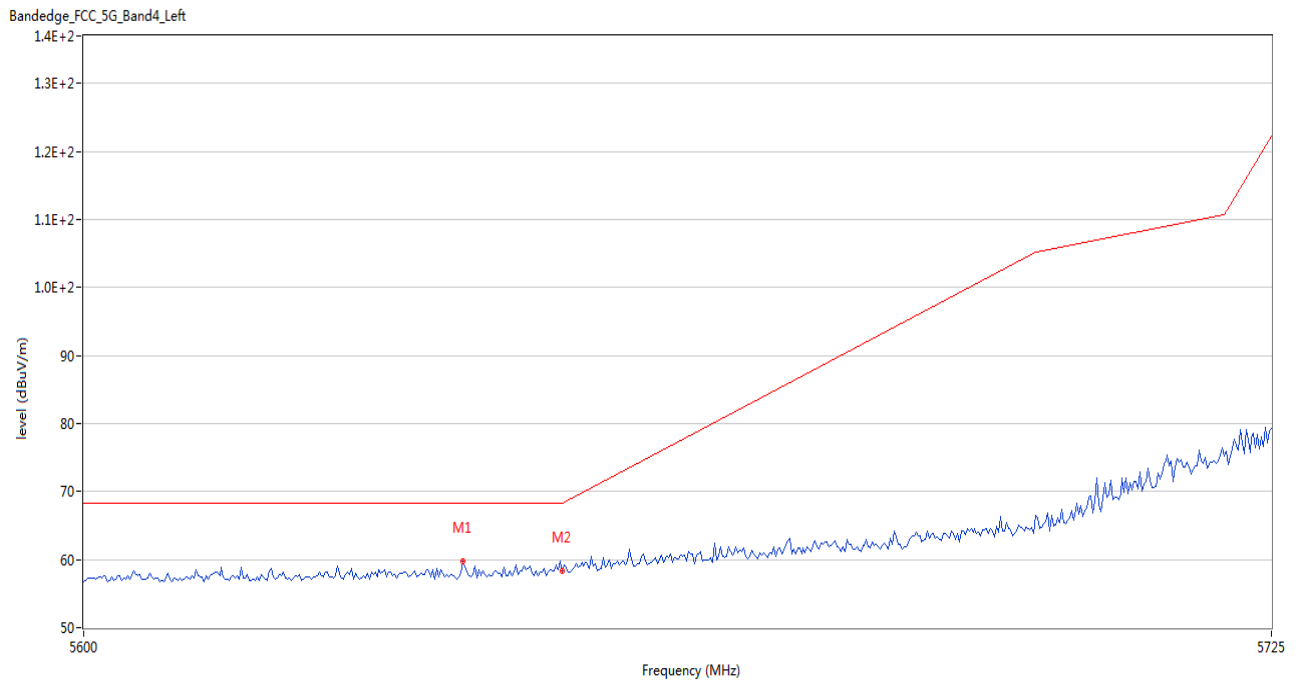
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5620.209	57.62	3.39	68.2	-10.58	Peak	145.00	150	Horizontal	Pass
2	5650.000	57.76	3.60	68.2	-10.44	Peak	288.00	150	Horizontal	Pass

U-NII-3 11ac20 CH165



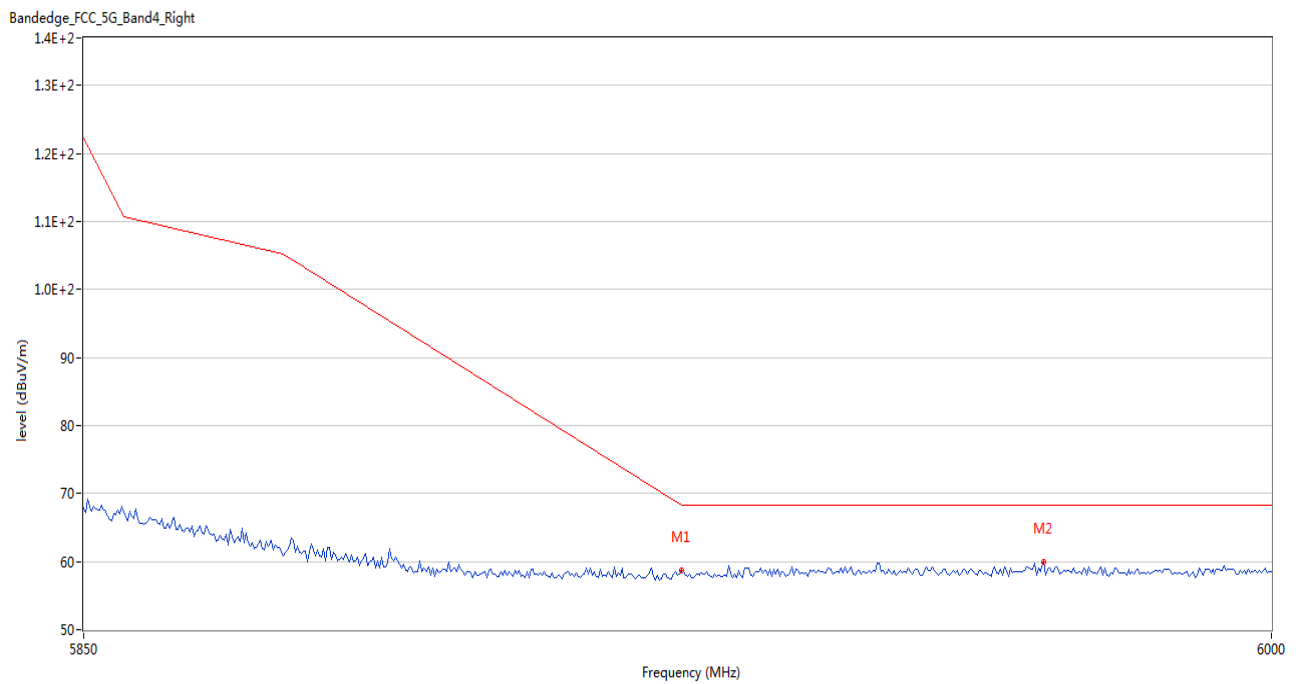
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.66	3.43	68.2	-10.54	Peak	114.00	150	Horizontal	Pass
2	5980.750	59.86	4.45	68.2	-8.34	Peak	152.00	150	Horizontal	Pass

U-NII-3 11ac40 CH151



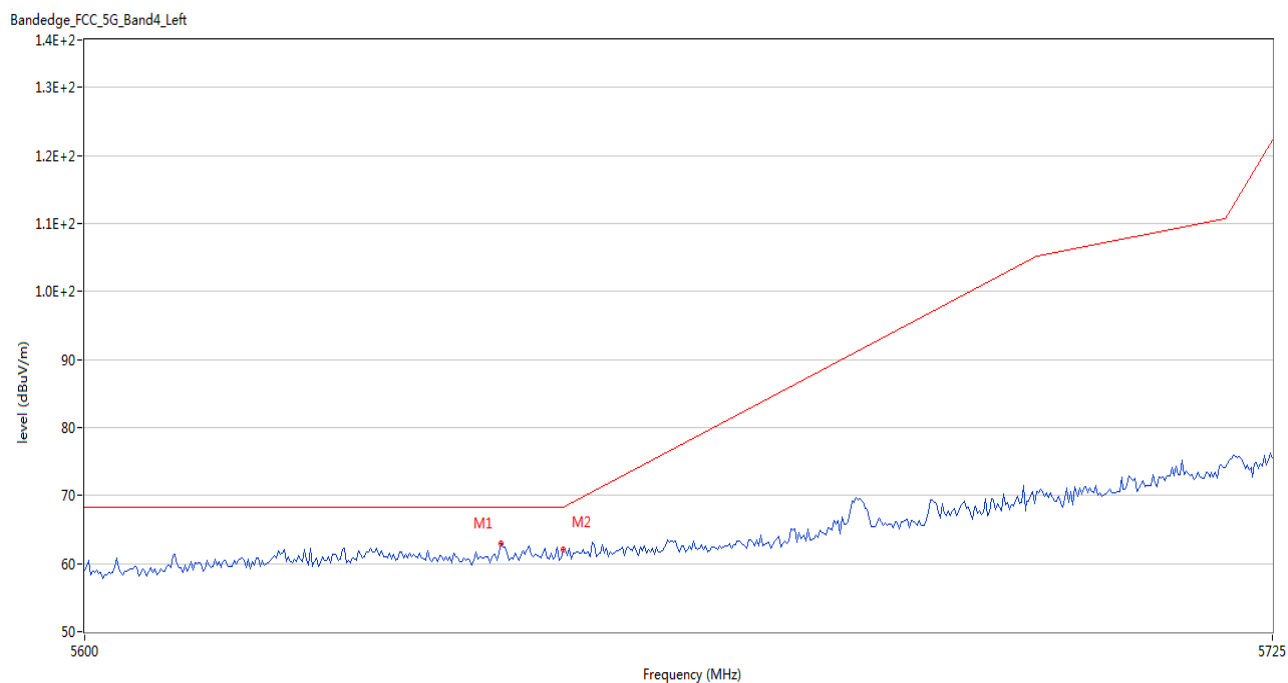
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5639.584	59.70	3.36	68.2	-8.50	Peak	280.00	150	Horizontal	Pass
2	5650.000	58.26	3.60	68.2	-9.94	Peak	261.00	150	Horizontal	Pass

U-NII-3 11ac40 CH159



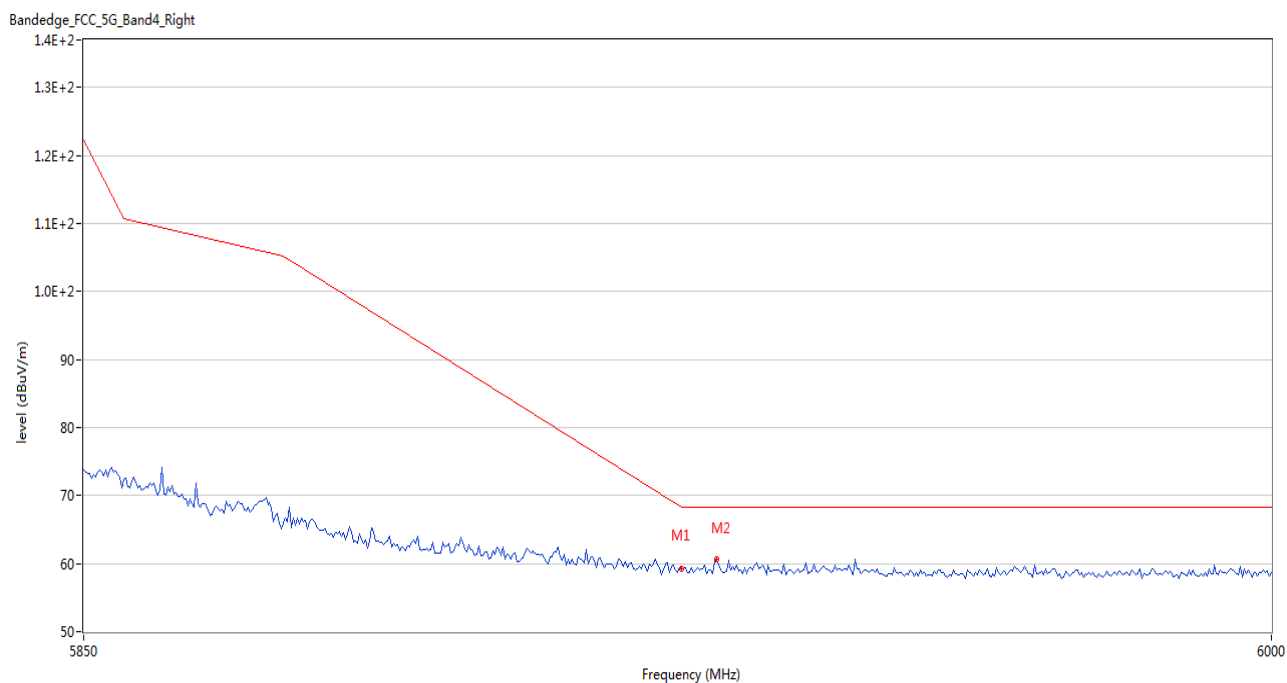
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.76	3.43	68.2	-9.44	Peak	329.00	150	Horizontal	Pass
2	5971.000	59.90	4.97	68.2	-8.30	Peak	227.00	150	Horizontal	Pass

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	5643.542	62.88	3.39	68.2	-5.32	Peak	279.00	150	Horizontal	Pass
2	5650.000	60.18	3.60	68.2	-8.02	Peak	64.00	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	59.28	3.43	68.2	-8.92	Peak	262.00	150	Horizontal	Pass
2	5929.500	60.66	3.66	68.2	-7.54	Peak	264.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2230357-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2230357-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2230357-AI.PDF”.

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--END OF REPORT--