

RF

TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.



FOR
Mobile Phone

ISSUED TO
Guangdong OPPO Mobile Telecommunications Corp., Ltd.

NO.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City,
Guangdong, China



Tested by

Yu Yingyuan

Yu Yingyuan

Date

Feb. 10, 2022

Approved by

Liao Jianming

Liao Jianming

(Technical Director)

Date

Feb. 10, 2022

Report No.: BL-SZ21B0785-604

EUT Name: Mobile Phone

Model Name: CPH2343

Brand Name: OPPO

Test Standard: 47 CFR Part 15 Subpart E
(refer section 3.1)

FCC ID: R9C-CPH2343

Test Conclusion: Pass

Test Date: Dec. 01, 2021 ~ Dec. 21, 2021

Date of Issue: Feb. 10, 2022

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Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Jan. 12, 2022</u>	<u>Initial Issue</u>
<u>Rev. 02</u>	<u>Feb. 10, 2022</u>	<u>Update the Note on page 32</u>

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1 ADMINISTRATIVE DATA (GENERAL INFORMATION)

1.1 Identification of the Testing Laboratory

Company Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. 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, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

1.3 Laboratory Condition

Ambient Temperature	20°C to 25°C
Ambient Relative Humidity	45% to 55%
Ambient Pressure	100 kPa to 102 kPa

1.4 Announce

- (1) The test report reference to the report template version v4.6.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- (5) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.
- (6) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- (7) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address	NO.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City, Guangdong, China

2.2 Manufacturer Information

Manufacturer	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address	NO.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City, Guangdong, China

2.3 Factory Information

Factory	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address	NO.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City, Guangdong, China

2.4 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	CPH2343
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	11
Software Version	ColorOS12.0.1
Dimensions (Approx.)	about 159.85x73.19x7.49mm
Weight (Approx.)	about 173g

2.5 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/900/1800/1900 MHz 3G Network WCDMA/HSDPA/HSUPA Band 1/2/4/5/6/8/19 4G Network FDD LTE Band 1/2/3/4/5/7/8/12/17/18/19/20/26/28 TDD LTE Band 38/39/40/41 LTE CA Uplink (UL): CA_3C, CA_40C, CA_41C 5G Network SA: NR n5/n7/n38/ n41 NSA(EN-DC): NSA: DC_7A_n5A, DC_5A_n7A, DC_66A_n7A, DC_26A_n41A Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40), 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80), U-NII-1/2A/2C/3, GPS, GLONASS, BDS, Galileo, NFC
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Mobile and Portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 17.52 dBm U-NII-2A: 17.27 dBm U-NII-2C: 17.34 dBm U-NII-3: 17.18 dBm
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 0.5 dBi U-NII-2A: 5250 MHz to 5350 MHz: 0.5 dBi U-NII-2C: 5470 MHz to 5725 MHz: 0.5 dBi U-NII-3: 5725 MHz to 5850 MHz: 0.5 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 Mobile Phone, intended for used with information technology equipment.

2.6 Additional Instructions

EUT Software Settings:

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

Test Software Version	QRCT4		
Support Units (Software installation media)	Description	Manufacturer	Model
	Notebook	HP	N/A

U-NII-1 (5150 - 5250 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH36	5180	17.00
11a	CH44	5220	17.00
11a	CH48	5240	17.00
11n (HT20)	CH36	5180	17.00
11n (HT20)	CH44	5220	17.00
11n (HT20)	CH48	5240	17.00
11n (HT40)	CH38	5190	15.50
11n (HT40)	CH46	5230	17.00
11ac (VHT20)	CH36	5180	17.00
11ac (VHT20)	CH44	5220	17.00
11ac (VHT20)	CH48	5240	17.00
11ac (VHT40)	CH38	5190	15.50
11ac (VHT40)	CH46	5230	17.00
11ac (VHT80)	CH42	5210	14.00

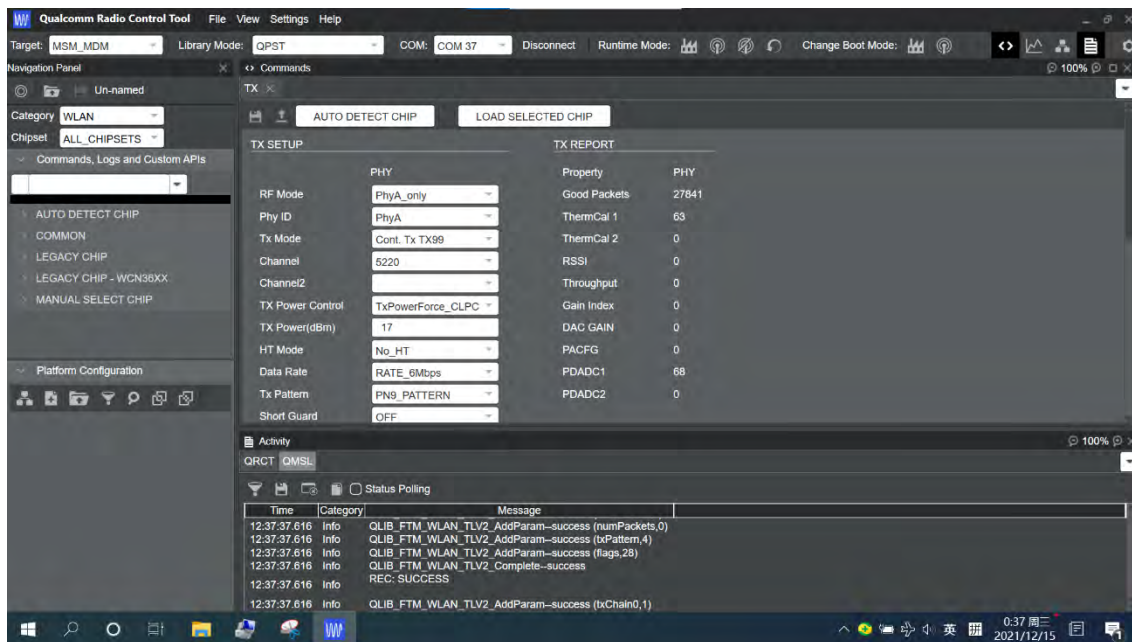
U-NII-2A (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH52	5260	17.00
11a	CH60	5300	17.00
11a	CH64	5320	17.00
11n (HT20)	CH52	5260	17.00
11n (HT20)	CH60	5300	17.00
11n (HT20)	CH64	5320	17.00
11n (HT40)	CH54	5270	17.00
11n (HT40)	CH62	5310	14.00
11ac (VHT20)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

U-NII-2C (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH100	5500	17.00
11a	CH116	5580	17.00
11a	CH140	5700	17.00
11n (HT20)	CH100	5500	17.00
11n (HT20)	CH116	5580	17.00
11n (HT20)	CH140	5700	17.00
11n (HT40)	CH102	5510	14.50
11n (HT40)	CH118	5590	17.00
11n (HT40)	CH134	5670	17.00
11ac (VHT20)	CH100	5500	17.00
11ac (VHT20)	CH116	5580	17.00
11ac (VHT20)	CH140	5700	17.00
11ac (VHT40)	CH102	5510	15.00
11ac (VHT40)	CH118	5590	17.00
11ac (VHT40)	CH134	5670	17.00
11ac (VHT80)	CH106	5530	13.50
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	17.00
11a	CH157	5785	17.00
11a	CH165	5825	17.00
11n (HT20)	CH149	5745	17.00
11n (HT20)	CH157	5785	17.00
11n (HT20)	CH165	5825	17.00
11n (HT40)	CH151	5755	17.00
11n (HT40)	CH159	5795	17.00
11ac (VHT20)	CH149	5745	17.00
11ac (VHT20)	CH157	5785	17.00
11ac (VHT20)	CH165	5825	17.00
11ac (VHT40)	CH151	5755	17.00
11ac (VHT40)	CH159	5795	17.00
11ac (VHT80)	CH155	5775	17.00

Run Software:



2.7 Channel List

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

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

U-NII-2C (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	151	Low	5755
118	Mid	5590	159	High	5795
134	High	5670			

For 802.11ac(VHT80)

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

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

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

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

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

3.2 Verdict

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

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

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

Note ³: Under all normal operating conditions specified in the user manual, frequency stability can keep radiation within the operating frequency band.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

During the measurement, the normal environmental conditions were within the listed ranges:

Relative Humidity	45% to 55%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22°C to +25°C
	LT (Low Temperature)	0°C
	HT (High Temperature)	+35°C
Working Voltage of the EUT	NV (Normal Voltage)	3.87 V
	LV (Low Voltage)	3.60 V
	HV (High Voltage)	4.45 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2021.04.01	2022.03.31
Bluetooth Signaling Unit	ROHDE&SCHWARZ	CMW500	142028	2021.06.01	2022.05.31
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-30	103118	2021.06.01	2022.05.31
Vector Signal Generator	ROHDE&SCHWARZ	SMBV100A	260592	2021.01.27	2022.01.26
Signal Generator	ROHDE&SCHWARZ	SMB100A	177746	2021.06.01	2022.05.31
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2021.06.01	2022.05.31
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2021.06.01	2022.05.31
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2021.06.01	2022.05.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2021.06.01	2022.05.31
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1917	2019.07.02	2022.07.01
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2021.07.02	2023.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2017.02.21	2022.02.20
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	N/A	2019.08.08	2022.08.07
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

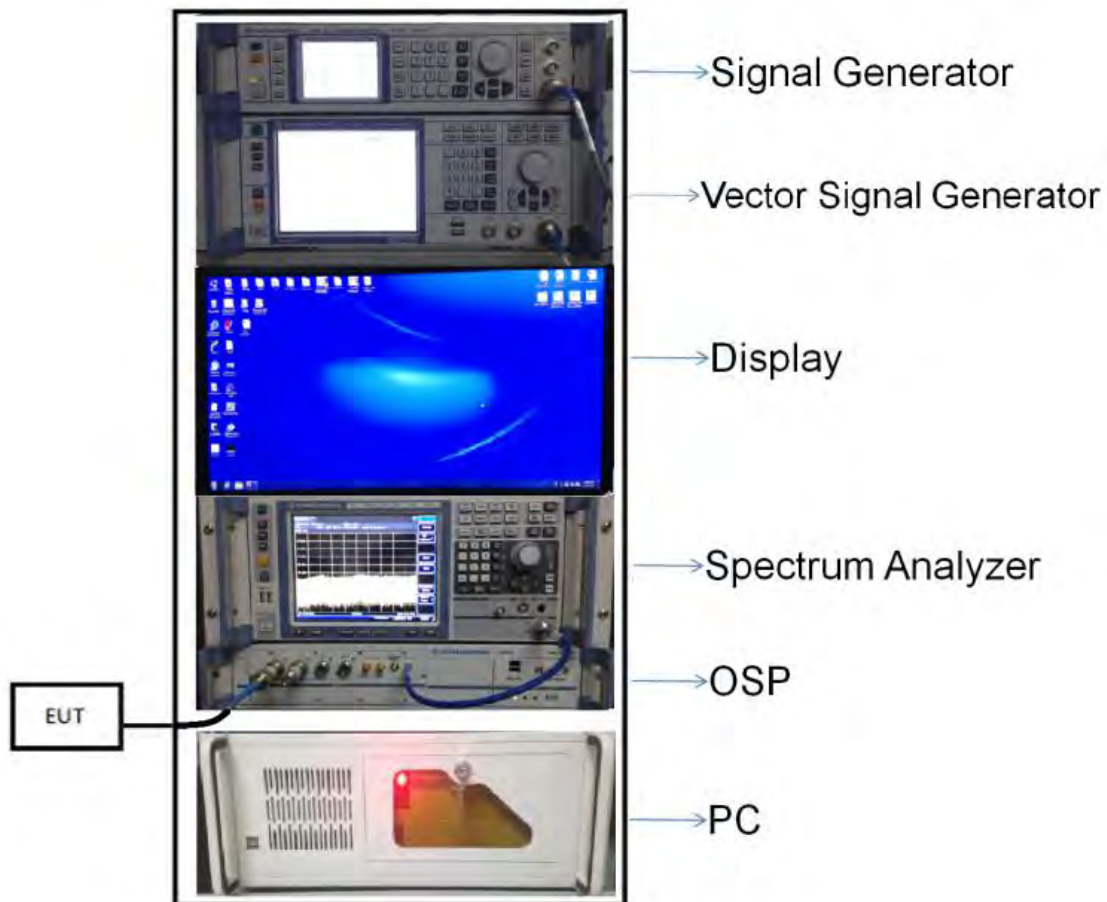
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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%

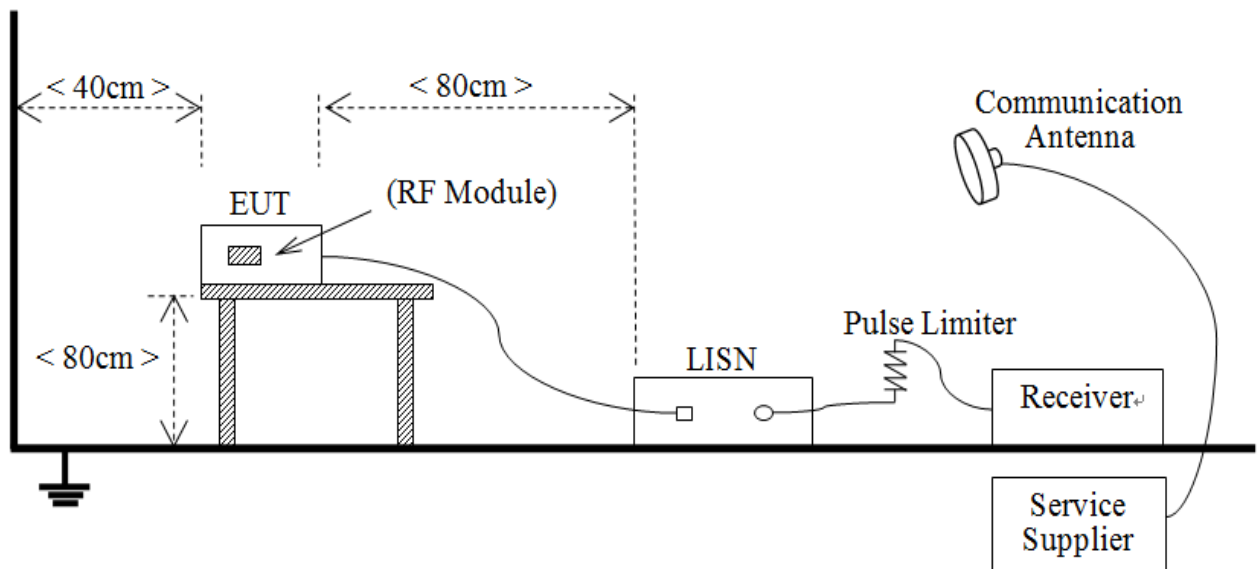
4.5 Description of Test Setup

4.5.1 For Antenna Port Test



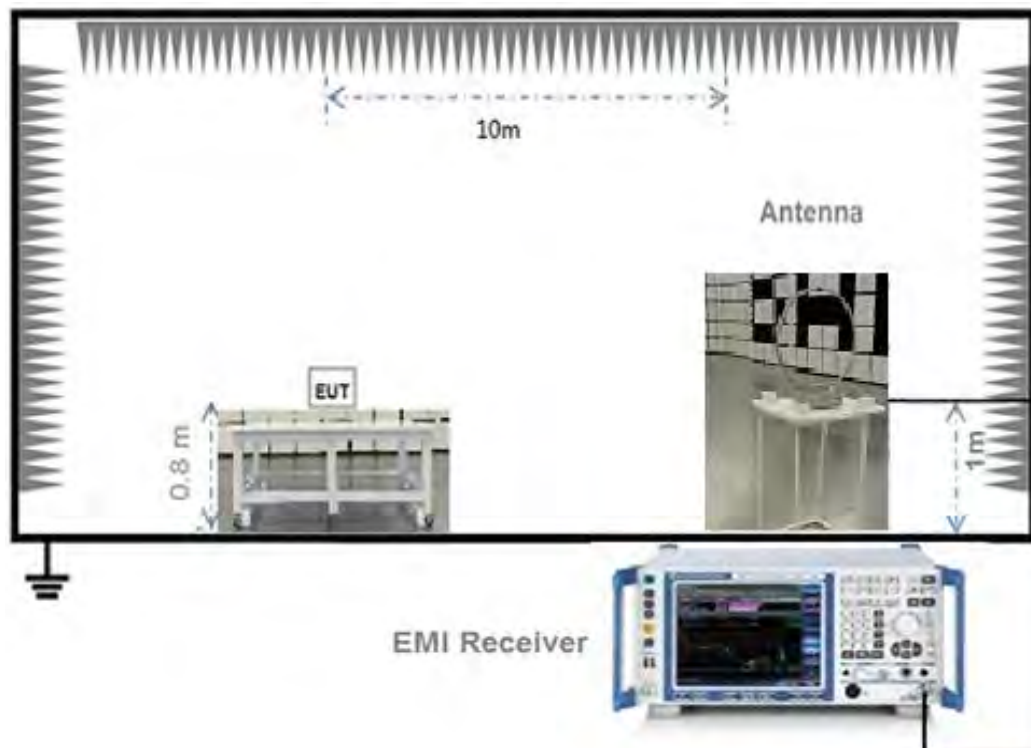
(Diagram 1)

4.5.2 For AC Power Supply Port Test



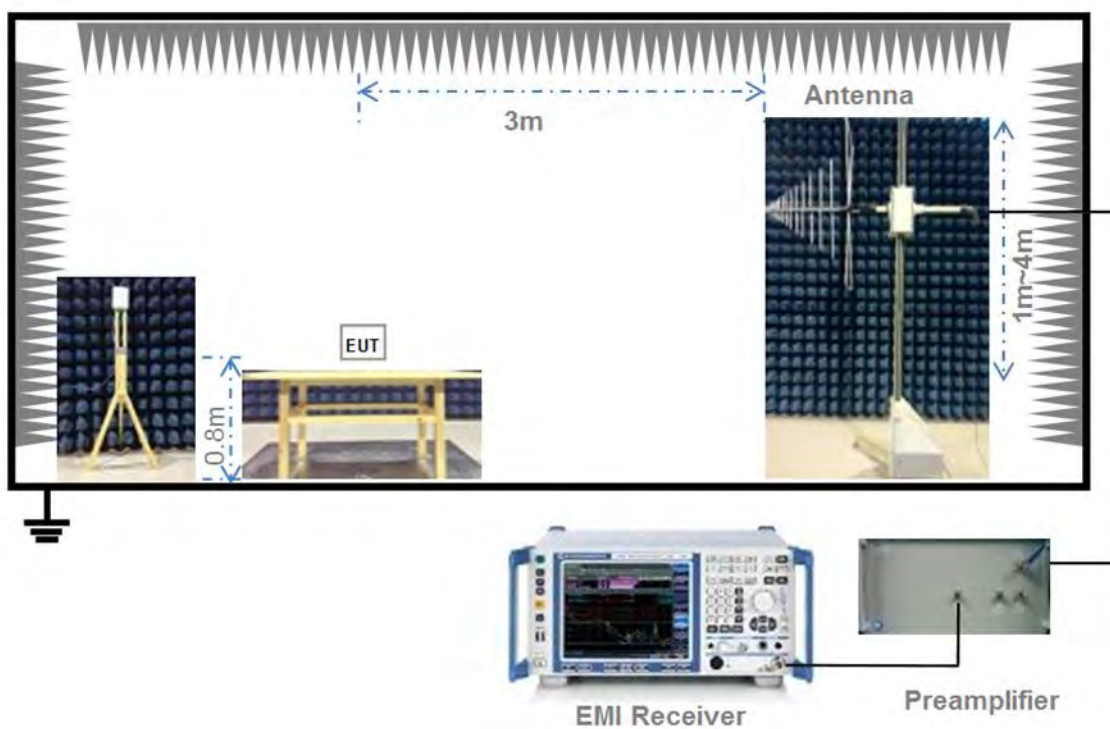
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



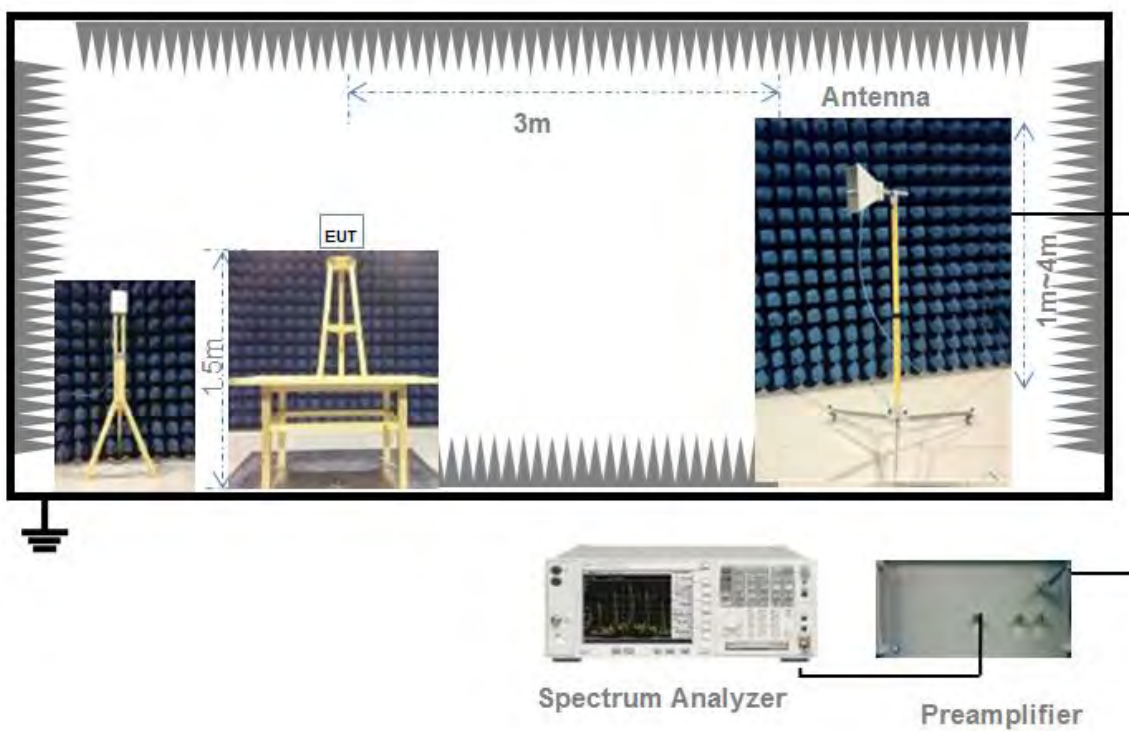
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

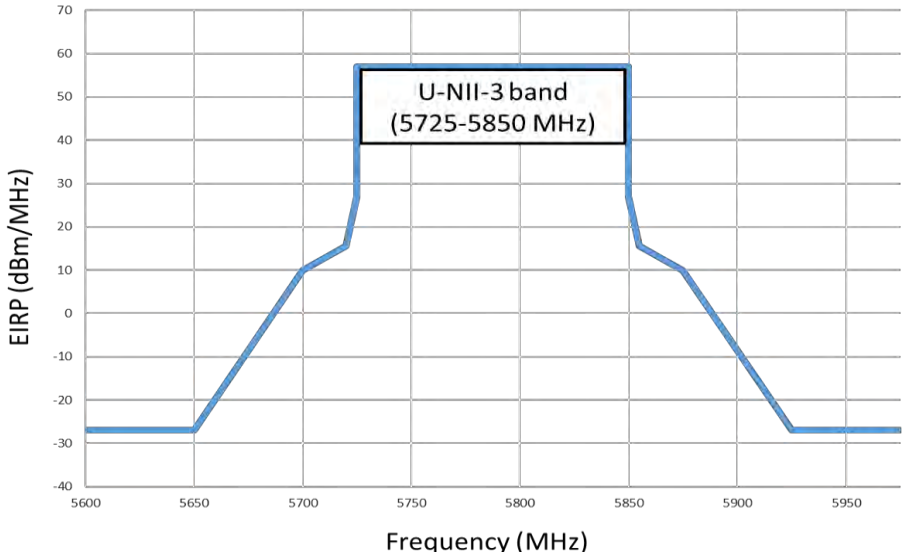
5.5.1 Limit

FCC §15.209 & 15.407(b)

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

Note¹: The Limit for radiated test was performed according to FCC Part 15C

Note²: 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: 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.

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	17.52	56.49	250	Pass
11a	CH44	16.57	45.39	250	Pass
11a	CH48	17.02	50.35	250	Pass
11n (HT20)	CH36	17.38	54.70	250	Pass
11n (HT20)	CH44	16.39	43.55	250	Pass
11n (HT20)	CH48	16.88	48.75	250	Pass
11n (HT40)	CH38	15.98	39.63	250	Pass
11n (HT40)	CH46	17.05	50.70	250	Pass
11ac (VHT20)	CH36	17.39	54.83	250	Pass
11ac (VHT20)	CH44	16.43	43.95	250	Pass
11ac (HVT20)	CH48	16.86	48.53	250	Pass
11ac (VHT40)	CH38	16.03	40.09	250	Pass
11ac (VHT40)	CH46	17.04	50.58	250	Pass
11ac (VHT80)	CH42	14.14	25.94	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	16.89	48.87	210	Pass
11a	CH60	16.96	49.66	210	Pass
11a	CH64	17.27	53.33	209	Pass
11n (HT20)	CH52	16.71	46.88	224	Pass
11n (HT20)	CH60	16.78	47.64	224	Pass
11n (HT20)	CH64	17.14	51.76	224	Pass
11n (HT40)	CH54	16.96	49.66	250	Pass
11n (HT40)	CH62	14.51	28.25	250	Pass
11ac (VHT20)	CH52	16.72	46.99	224	Pass
11ac (VHT20)	CH60	16.82	48.08	224	Pass
11ac (HVT20)	CH64	17.13	51.64	224	Pass
11ac (VHT40)	CH54	16.93	49.32	250	Pass
11ac (VHT40)	CH62	14.50	28.18	250	Pass
11ac (VHT80)	CH58	15.14	32.66	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	17.21	52.60	209	Pass
11a	CH116	16.99	50.00	210	Pass
11a	CH140	16.67	46.45	210	Pass
11n (HT20)	CH100	17.04	50.58	224	Pass
11n (HT20)	CH116	16.90	48.98	224	Pass
11n (HT20)	CH140	16.54	45.08	224	Pass
11n (HT40)	CH102	14.96	31.33	250	Pass
11n (HT40)	CH118	17.34	54.20	250	Pass
11n (HT40)	CH134	17.21	52.60	250	Pass
11ac (VHT20)	CH100	16.96	49.66	224	Pass
11ac (VHT20)	CH116	16.85	48.42	224	Pass
11ac (VHT20)	CH140	16.50	44.67	224	Pass
11ac (VHT40)	CH102	15.45	35.08	250	Pass
11ac (VHT40)	CH118	17.31	53.83	250	Pass
11ac (VHT40)	CH134	17.18	52.24	250	Pass
11ac (VHT80)	CH106	13.77	23.82	250	Pass
11ac (VHT80)	CH122	17.08	51.05	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	16.73	47.10	1000	Pass
11a	CH157	16.57	45.39	1000	Pass
11a	CH165	17.18	52.24	1000	Pass
11n (HT20)	CH149	16.61	45.81	1000	Pass
11n (HT20)	CH157	16.42	43.85	1000	Pass
11n (HT20)	CH165	17.02	50.35	1000	Pass
11n (HT40)	CH151	16.73	47.10	1000	Pass
11n (HT40)	CH159	17.12	51.52	1000	Pass
11ac (VHT20)	CH149	16.59	45.60	1000	Pass
11ac (VHT20)	CH157	16.44	44.06	1000	Pass
11ac (VHT20)	CH165	17.09	51.17	1000	Pass
11ac (VHT40)	CH151	16.77	47.53	1000	Pass
11ac (VHT40)	CH159	17.15	51.88	1000	Pass
11ac (VHT80)	CH155	16.29	42.56	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ21B0785-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	23.09	16.62
11a	CH44	23.24	16.63
11a	CH48	22.97	16.61
11n (HT20)	CH36	23.43	17.74
11n (HT20)	CH44	23.88	17.77
11n (HT20)	CH48	23.76	17.76
11n (HT40)	CH38	41.86	36.23
11n (HT40)	CH46	41.57	36.24
11ac (VHT20)	CH36	23.50	17.74
11ac (VHT20)	CH44	23.30	17.77
11ac (VHT20)	CH48	23.58	17.76
11ac (VHT40)	CH38	41.58	36.21
11ac (VHT40)	CH46	41.46	36.22
11ac (VHT80)	CH42	84.94	75.85

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	22.88	16.61
11a	CH60	23.26	16.64
11a	CH64	22.93	16.61
11n (HT20)	CH52	23.58	17.75
11n (HT20)	CH60	23.85	17.72
11n (HT20)	CH64	23.72	17.75
11n (HT40)	CH54	41.76	36.22
11n (HT40)	CH62	41.74	36.24
11ac (VHT20)	CH52	23.58	17.75
11ac (VHT20)	CH60	23.81	17.77
11ac (VHT20)	CH64	23.83	17.76
11ac (VHT40)	CH54	41.49	36.24
11ac (VHT40)	CH62	41.68	36.25
11ac (VHT80)	CH58	84.52	75.94

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	22.82	16.61
11a	CH116	23.12	16.62
11a	CH140	22.41	16.61
11n (HT20)	CH100	23.51	17.75
11n (HT20)	CH116	23.83	17.76
11n (HT20)	CH140	23.40	17.75
11n (HT40)	CH102	41.88	36.23
11n (HT40)	CH118	41.54	36.24
11n (HT40)	CH134	41.71	36.21
11ac (VHT20)	CH100	23.55	17.77
11ac (VHT20)	CH116	23.71	17.77
11ac (VHT20)	CH140	23.53	17.77
11ac (VHT40)	CH102	41.55	36.24
11ac (VHT40)	CH118	41.47	36.23
11ac (VHT40)	CH134	41.42	36.23
11ac (VHT80)	CH106	84.69	75.89
11ac (VHT80)	CH122	84.09	75.87

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	22.76	16.61
11a	CH157	22.68	16.61
11a	CH165	22.90	16.60
11n (HT20)	CH149	23.52	17.74
11n (HT20)	CH157	23.36	17.74
11n (HT20)	CH165	23.84	17.74
11n (HT40)	CH151	42.06	36.24
11n (HT40)	CH159	41.82	36.22
11ac (VHT20)	CH149	23.31	17.74
11ac (VHT20)	CH157	23.32	17.75
11ac (VHT20)	CH165	23.37	17.74
11ac (VHT40)	CH151	41.61	36.23
11ac (VHT40)	CH159	41.47	36.24
11ac (VHT80)	CH155	84.36	75.89

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ21B0785-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.25	500.00	Pass
11a	CH157	15.20	500.00	Pass
11a	CH165	15.90	500.00	Pass
11n (HT20)	CH149	15.55	500.00	Pass
11n (HT20)	CH157	15.40	500.00	Pass
11n (HT20)	CH165	15.25	500.00	Pass
11n (HT40)	CH151	36.05	500.00	Pass
11n (HT40)	CH159	35.80	500.00	Pass
11ac (VHT20)	CH149	15.25	500.00	Pass
11ac (VHT20)	CH157	15.25	500.00	Pass
11ac (VHT20)	CH165	15.25	500.00	Pass
11ac (VHT40)	CH151	35.55	500.00	Pass
11ac (VHT40)	CH159	36.10	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-SZ21B0785-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	6.50	11.00	Pass
11a	CH44	5.60	11.00	Pass
11a	CH48	5.93	11.00	Pass
11n (HT20)	CH36	6.08	11.00	Pass
11n (HT20)	CH44	5.18	11.00	Pass
11n (HT20)	CH48	5.61	11.00	Pass
11n (HT40)	CH38	1.70	11.00	Pass
11n (HT40)	CH46	2.71	11.00	Pass
11ac (VHT20)	CH36	6.13	11.00	Pass
11ac (VHT20)	CH44	5.20	11.00	Pass
11ac (VHT20)	CH48	5.58	11.00	Pass
11ac (VHT40)	CH38	1.77	11.00	Pass
11ac (VHT40)	CH46	2.63	11.00	Pass
11ac (VHT80)	CH42	-3.67	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	5.96	11.00	Pass
11a	CH60	5.93	11.00	Pass
11a	CH64	6.23	11.00	Pass
11n (HT20)	CH52	5.47	11.00	Pass
11n (HT20)	CH60	5.45	11.00	Pass
11n (HT20)	CH64	5.83	11.00	Pass
11n (HT40)	CH54	2.70	11.00	Pass
11n (HT40)	CH62	0.19	11.00	Pass
11ac (VHT20)	CH52	5.57	11.00	Pass
11ac (VHT20)	CH60	5.53	11.00	Pass
11ac (VHT20)	CH64	5.86	11.00	Pass
11ac (VHT40)	CH54	2.54	11.00	Pass
11ac (VHT40)	CH62	0.18	11.00	Pass
11ac (VHT80)	CH58	-2.95	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	6.23	11.00	Pass
11a	CH116	6.21	11.00	Pass
11a	CH140	5.71	11.00	Pass
11n (HT20)	CH100	5.89	11.00	Pass
11n (HT20)	CH116	5.81	11.00	Pass
11n (HT20)	CH140	5.25	11.00	Pass
11n (HT40)	CH102	0.70	11.00	Pass
11n (HT40)	CH118	3.23	11.00	Pass
11n (HT40)	CH134	3.05	11.00	Pass
11ac (VHT20)	CH100	5.76	11.00	Pass
11ac (VHT20)	CH116	5.76	11.00	Pass
11ac (VHT20)	CH140	5.32	11.00	Pass
11ac (VHT40)	CH102	1.14	11.00	Pass
11ac (VHT40)	CH118	3.08	11.00	Pass
11ac (VHT40)	CH134	2.91	11.00	Pass
11ac (VHT80)	CH106	-3.77	11.00	Pass
11ac (VHT80)	CH122	-0.58	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	3.02	30.00	Pass
11a	CH157	2.95	30.00	Pass
11a	CH165	3.42	30.00	Pass
11n (HT20)	CH149	2.69	30.00	Pass
11n (HT20)	CH157	2.57	30.00	Pass
11n (HT20)	CH165	3.01	30.00	Pass
11n (HT40)	CH151	-0.17	30.00	Pass
11n (HT40)	CH159	0.07	30.00	Pass
11ac (VHT20)	CH149	2.70	30.00	Pass
11ac (VHT20)	CH157	2.46	30.00	Pass
11ac (VHT20)	CH165	3.02	30.00	Pass
11ac (VHT40)	CH151	-0.16	30.00	Pass
11ac (VHT40)	CH159	0.15	30.00	Pass
11ac (VHT80)	CH155	-4.28	30.00	Pass

A.5 Conducted Emissions

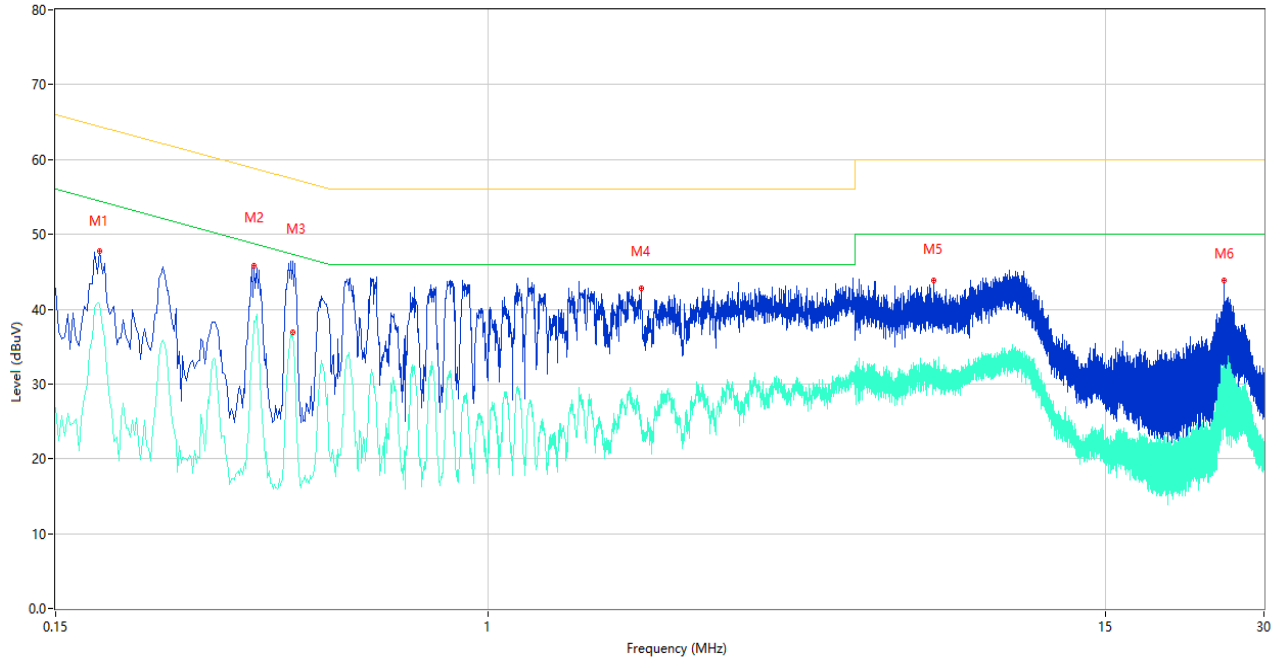
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Test Data and Plots

PHASE L

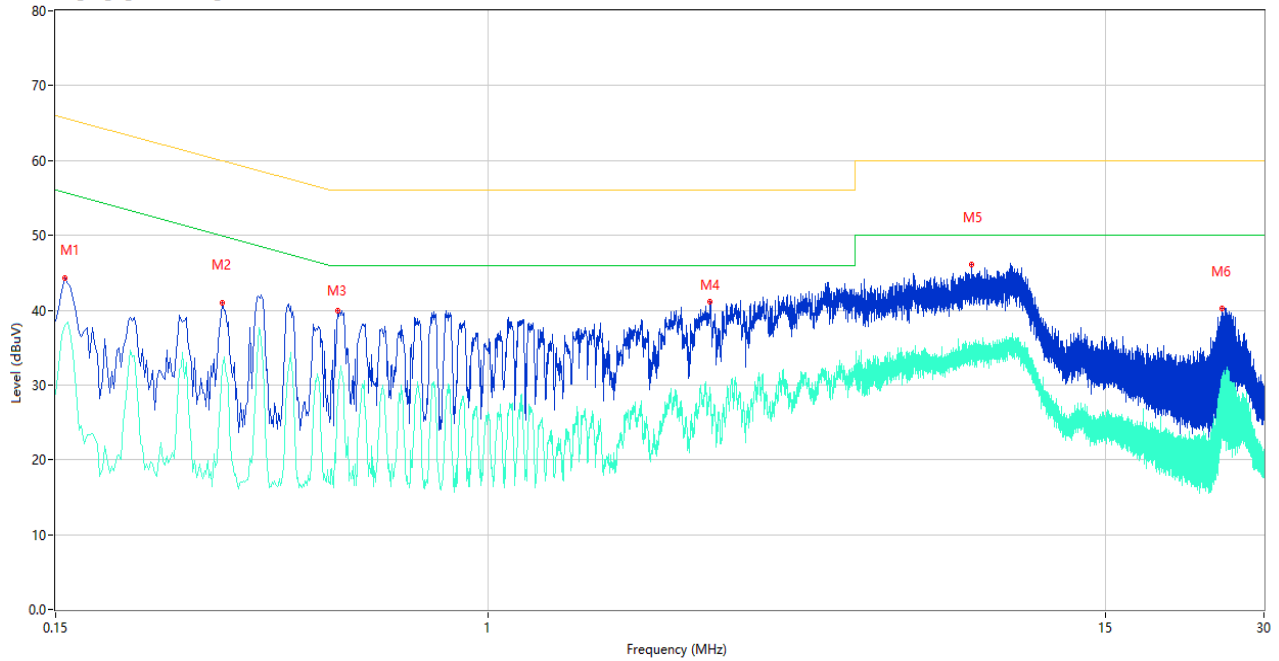
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.182	47.72	10.13	64.39	-16.67	Peak	L	Pass
1**	0.182	40.75	10.13	54.39	-13.64	AV	L	Pass
2	0.358	45.77	10.08	58.77	-13.00	Peak	L	Pass
2**	0.358	38.43	10.08	48.77	-10.34	AV	L	Pass
3	0.424	46.40	10.09	57.37	-10.97	Peak	L	Pass
3**	0.424	36.85	10.09	47.37	-10.52	AV	L	Pass
4	1.956	42.74	9.87	56.00	-13.26	Peak	L	Pass
4**	1.956	24.59	9.87	46.00	-21.41	AV	L	Pass
5	7.054	43.91	9.84	60.00	-16.09	Peak	L	Pass
5**	7.054	32.41	9.84	50.00	-17.59	AV	L	Pass
6	25.244	43.80	10.16	60.00	-16.20	Peak	L	Pass
6**	25.244	30.97	10.16	50.00	-19.03	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	0.156	44.29	10.18	65.67	-21.38	Peak	N	Pass
1**	0.156	37.99	10.18	55.67	-17.68	AV	N	Pass
2	0.312	41.04	10.07	59.92	-18.88	Peak	N	Pass
2**	0.312	32.34	10.07	49.92	-17.58	AV	N	Pass
3	0.518	39.95	10.11	56.00	-16.05	Peak	N	Pass
3**	0.518	28.46	10.11	46.00	-17.54	AV	N	Pass
4	2.648	41.16	10.00	56.00	-14.84	Peak	N	Pass
4**	2.648	29.50	10.00	46.00	-16.50	AV	N	Pass
5	8.328	46.08	10.09	60.00	-13.92	Peak	N	Pass
5**	8.328	35.41	10.09	50.00	-14.59	AV	N	Pass
6	24.966	40.16	10.16	60.00	-19.84	Peak	N	Pass
6**	24.966	31.07	10.16	50.00	-18.93	AV	N	Pass

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

Test Data

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

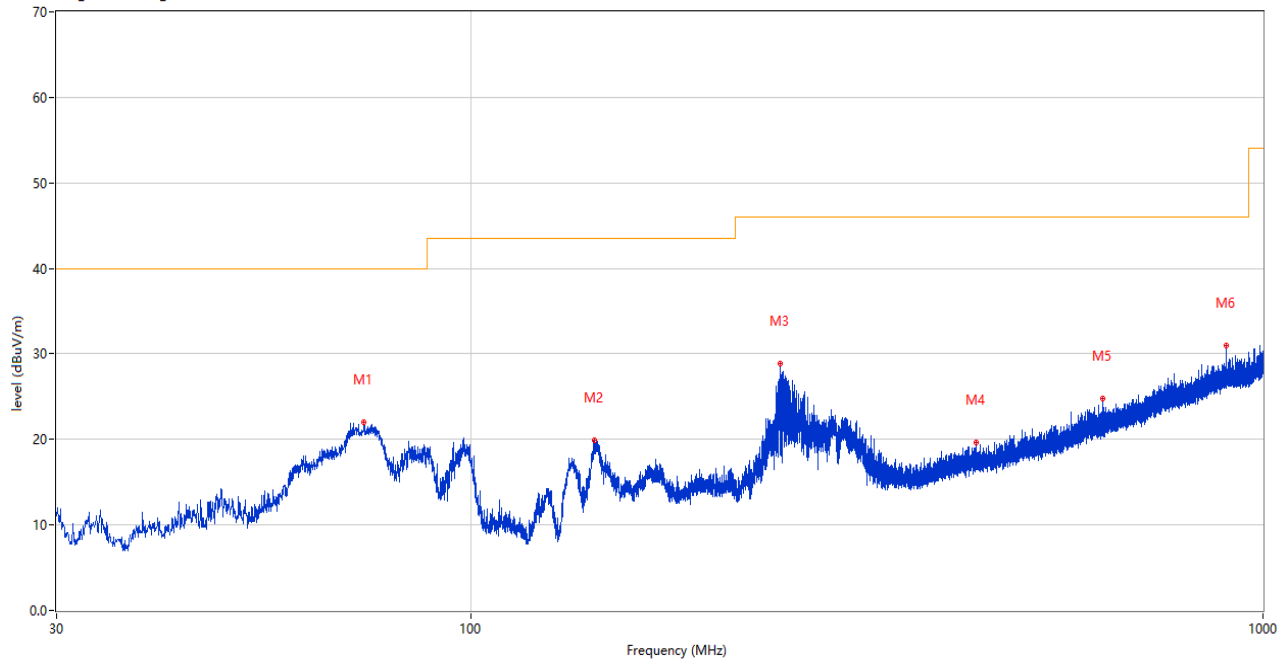
Note²: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

30 MHz to 1 GHz, ANT H

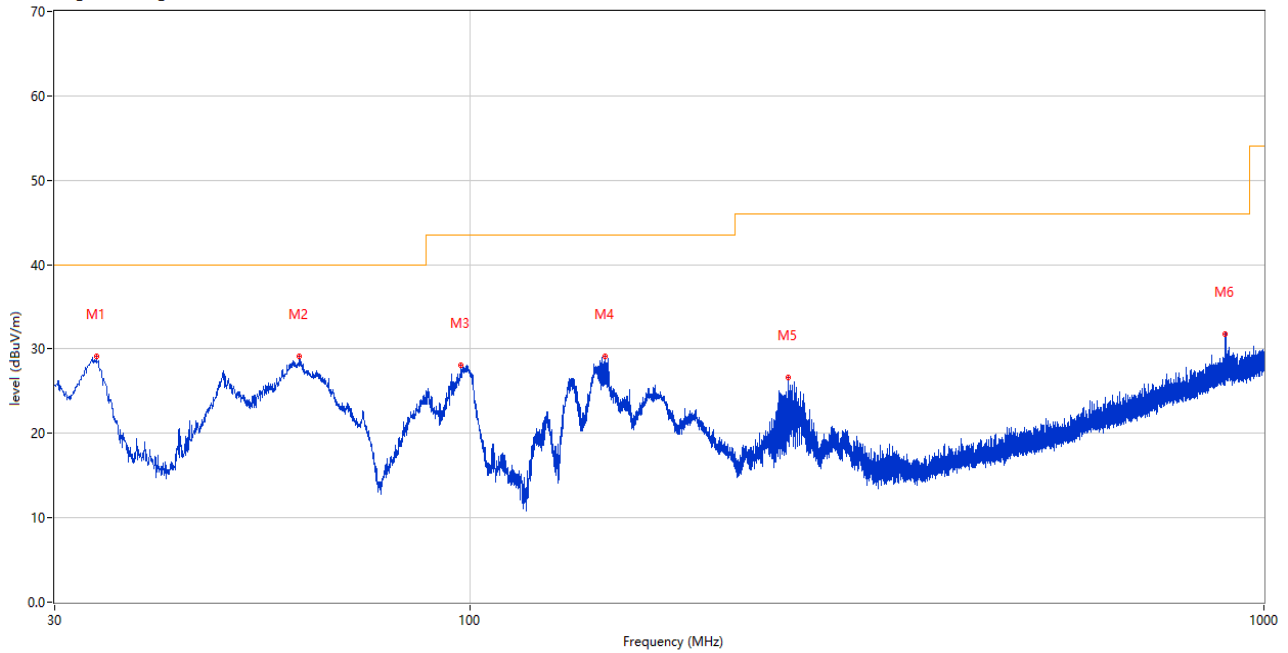
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	73.311	21.96	-30.57	40.0	-18.04	Peak	319.00	200	Horizontal	Pass
2	143.344	19.88	-30.24	43.5	-23.62	Peak	243.00	200	Horizontal	Pass
3	246.068	28.82	-25.00	46.0	-17.18	Peak	85.00	100	Horizontal	Pass
4	434.442	19.58	-20.11	46.0	-26.42	Peak	0.00	200	Horizontal	Pass
5	628.587	24.76	-15.44	46.0	-21.24	Peak	209.00	200	Horizontal	Pass
6	898.344	31.04	-9.79	46.0	-14.96	Peak	238.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	33.880	29.10	-28.80	40.0	-10.90	Peak	360.00	100	Vertical	Pass
2	60.992	29.09	-27.03	40.0	-10.91	Peak	178.00	100	Vertical	Pass
3	97.512	28.11	-27.16	43.5	-15.39	Peak	239.00	100	Vertical	Pass
4	147.904	29.13	-30.18	43.5	-14.37	Peak	290.00	100	Vertical	Pass
5	251.888	26.67	-24.84	46.0	-19.33	Peak	23.00	100	Vertical	Pass
6	894.609	31.79	-10.02	46.0	-14.21	Peak	173.00	100	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	1328.100	39.56	-17.04	74.0	-34.44	Peak	109.00	150	Horizontal	Pass
1**	1328.100	27.46	-17.04	54.0	-26.54	AV	109.00	150	Horizontal	Pass
2	2801.200	42.92	-10.32	74.0	-31.08	Peak	28.00	150	Horizontal	Pass
2**	2801.200	33.93	-10.32	54.0	-20.07	AV	28.00	150	Horizontal	Pass
3	3702.500	49.52	-4.57	74.0	-24.48	Peak	360.00	150	Horizontal	Pass
3**	3702.500	38.77	-4.57	54.0	-15.23	AV	360.00	150	Horizontal	Pass
4	5181.250	108.59	-1.32	--	-36.41	Peak	145.00	150	Horizontal	N/A
4**	5181.250	101.57	-1.32	--	101.57	AV	145.00	150	Horizontal	N/A
5	11059.000	51.95	-1.30	74.0	-22.05	Peak	283.00	150	Horizontal	Pass
5**	11059.000	43.03	-1.30	54.0	-10.97	AV	283.00	150	Horizontal	Pass
6	15997.388	49.84	-3.36	74.0	-24.16	Peak	351.00	150	Horizontal	Pass
6**	15997.388	41.02	-3.36	54.0	-12.98	AV	351.00	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	1332.400	38.56	-17.15	74.0	-35.44	Peak	99.00	150	Vertical	Pass
1**	1332.400	28.40	-17.15	54.0	-25.60	AV	99.00	150	Vertical	Pass
2	2761.200	42.45	-10.98	74.0	-31.55	Peak	42.00	150	Vertical	Pass
2**	2761.200	34.13	-10.98	54.0	-19.87	AV	42.00	150	Vertical	Pass
3	4139.500	49.69	-3.68	74.0	-24.31	Peak	360.00	150	Vertical	Pass
3**	4139.500	39.97	-3.68	54.0	-14.03	AV	360.00	150	Vertical	Pass
4	5180.750	103.00	-1.40	--	37.00	Peak	66.00	150	Vertical	N/A
4**	5180.750	95.64	-1.40	--	95.64	AV	66.00	150	Vertical	N/A
5	9133.350	50.46	-2.16	74.0	-23.54	Peak	113.00	150	Vertical	Pass
5**	9133.350	41.06	-2.16	54.0	-12.94	AV	113.00	150	Vertical	Pass
6	12526.037	51.84	-0.68	74.0	-22.16	Peak	72.00	150	Vertical	Pass
6**	12526.037	42.35	-0.68	54.0	-11.65	AV	72.00	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	1501.200	40.47	-17.31	74.0	-33.53	Peak	105.00	150	Horizontal	Pass
1**	1501.200	28.13	-17.31	54.0	-25.87	AV	105.00	150	Horizontal	Pass
2	2850.800	42.72	-10.17	74.0	-31.28	Peak	176.00	150	Horizontal	Pass
2**	2850.800	33.53	-10.17	54.0	-20.47	AV	176.00	150	Horizontal	Pass
3	4192.000	49.37	-2.95	74.0	-24.63	Peak	350.00	150	Horizontal	Pass
3**	4192.000	40.62	-2.95	54.0	-13.38	AV	350.00	150	Horizontal	Pass
4	5221.750	108.71	-1.41	--	-44.29	Peak	153.00	150	Horizontal	N/A
4**	5221.750	100.58	-1.41	--	100.58	AV	153.00	150	Horizontal	N/A
5	9456.349	51.64	-1.42	74.0	-22.36	Peak	118.00	150	Horizontal	Pass
5**	9456.349	42.08	-1.42	54.0	-11.92	AV	118.00	150	Horizontal	Pass
6	12503.000	51.69	-0.15	74.0	-22.31	Peak	118.00	150	Horizontal	Pass
6**	12503.000	43.17	-0.15	54.0	-10.83	AV	118.00	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	1328.700	40.50	-16.98	74.0	-33.50	Peak	264.00	150	Vertical	Pass
1**	1328.700	30.30	-16.98	54.0	-23.70	AV	264.00	150	Vertical	Pass
2	2813.700	42.38	-9.98	74.0	-31.62	Peak	301.00	150	Vertical	Pass
2**	2813.700	32.93	-9.98	54.0	-21.07	AV	301.00	150	Vertical	Pass
3	3761.000	49.29	-3.56	74.0	-24.71	Peak	21.00	150	Vertical	Pass
3**	3761.000	40.45	-3.56	54.0	-13.55	AV	21.00	150	Vertical	Pass
4	5220.250	101.98	-1.58	--	42.98	Peak	59.00	150	Vertical	N/A
4**	5220.250	93.91	-1.58	--	93.91	AV	59.00	150	Vertical	N/A
5	9460.150	51.83	-1.48	74.0	-22.17	Peak	281.00	150	Vertical	Pass
5**	9460.150	42.72	-1.48	54.0	-11.28	AV	281.00	150	Vertical	Pass
6	12496.349	51.45	-0.12	74.0	-22.55	Peak	260.00	150	Vertical	Pass
6**	12496.349	42.49	-0.12	54.0	-11.51	AV	260.00	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	1559.400	39.74	-17.19	74.0	-34.26	Peak	112.00	150	Horizontal	Pass
1**	1559.400	30.73	-17.19	54.0	-23.27	AV	112.00	150	Horizontal	Pass
2	2805.000	42.98	-10.15	74.0	-31.02	Peak	301.00	150	Horizontal	Pass
2**	2805.000	32.99	-10.15	54.0	-21.01	AV	301.00	150	Horizontal	Pass
3	4319.750	49.93	-3.54	74.0	-24.07	Peak	126.00	150	Horizontal	Pass
3**	4319.750	40.21	-3.54	54.0	-13.79	AV	126.00	150	Horizontal	Pass
4	5239.000	108.93	-1.53	--	-61.07	Peak	170.00	150	Horizontal	N/A
4**	5239.000	101.90	-1.53	--	101.90	AV	170.00	150	Horizontal	N/A
5	9456.349	51.78	-1.42	74.0	-22.22	Peak	300.00	150	Horizontal	Pass
5**	9456.349	42.69	-1.42	54.0	-11.31	AV	300.00	150	Horizontal	Pass
6	12509.175	51.86	-0.29	74.0	-22.14	Peak	126.00	150	Horizontal	Pass
6**	12509.175	43.03	-0.29	54.0	-10.97	AV	126.00	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	1593.000	42.81	-17.10	74.0	-31.19	Peak	142.00	150	Vertical	Pass
1**	1593.000	29.44	-17.10	54.0	-24.56	AV	142.00	150	Vertical	Pass
2	2801.800	42.32	-10.36	74.0	-31.68	Peak	264.00	150	Vertical	Pass
2**	2801.800	33.73	-10.36	54.0	-20.27	AV	264.00	150	Vertical	Pass
3	3981.000	48.93	-3.62	74.0	-25.07	Peak	345.00	150	Vertical	Pass
3**	3981.000	40.23	-3.62	54.0	-13.77	AV	345.00	150	Vertical	Pass
4	5241.000	102.88	-1.67	--	18.88	Peak	84.00	150	Vertical	N/A
4**	5241.000	94.98	-1.67	--	94.98	AV	84.00	150	Vertical	N/A
5	11196.276	52.15	-1.11	74.0	-21.85	Peak	8.00	150	Vertical	Pass
5**	11196.276	41.46	-1.11	54.0	-12.54	AV	8.00	150	Vertical	Pass
6	15997.388	49.10	-3.36	74.0	-24.90	Peak	122.00	150	Vertical	Pass
6**	15997.388	39.55	-3.36	54.0	-14.45	AV	122.00	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	1566.800	40.57	-17.25	74.0	-33.43	Peak	110.00	150	Horizontal	Pass
1**	1566.800	27.97	-17.25	54.0	-26.03	AV	110.00	150	Horizontal	Pass
2	2788.800	42.71	-10.48	74.0	-31.29	Peak	351.00	150	Horizontal	Pass
2**	2788.800	33.45	-10.48	54.0	-20.55	AV	351.00	150	Horizontal	Pass
3	3838.000	49.58	-4.15	74.0	-24.42	Peak	292.00	150	Horizontal	Pass
3**	3838.000	40.08	-4.15	54.0	-13.92	AV	292.00	150	Horizontal	Pass
4	5182.500	109.00	-1.26	--	-53.00	Peak	162.00	150	Horizontal	N/A
4**	5182.500	101.51	-1.26	--	101.51	AV	162.00	150	Horizontal	N/A
5	11316.688	52.14	-1.34	74.0	-21.86	Peak	187.00	150	Horizontal	Pass
5**	11316.688	42.27	-1.34	54.0	-11.73	AV	187.00	150	Horizontal	Pass
6	17801.550	49.13	-2.64	74.0	-24.87	Peak	62.00	150	Horizontal	Pass
6**	17801.550	40.92	-2.64	54.0	-13.08	AV	62.00	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	1594.800	42.03	-17.14	74.0	-31.97	Peak	54.00	150	Vertical	Pass
1**	1594.800	29.78	-17.14	54.0	-24.22	AV	54.00	150	Vertical	Pass
2	2819.900	43.13	-9.89	74.0	-30.87	Peak	1.00	150	Vertical	Pass
2**	2819.900	33.27	-9.89	54.0	-20.73	AV	1.00	150	Vertical	Pass
3	3976.250	49.26	-3.84	74.0	-24.74	Peak	248.00	150	Vertical	Pass
3**	3976.250	40.90	-3.84	54.0	-13.10	AV	248.00	150	Vertical	Pass
4	5182.000	102.62	-1.26	--	36.62	Peak	66.00	150	Vertical	N/A
4**	5182.000	94.77	-1.26	--	94.77	AV	66.00	150	Vertical	N/A
5	11057.338	51.26	-1.24	74.0	-22.74	Peak	0.00	150	Vertical	Pass
5**	11057.338	42.51	-1.24	54.0	-11.49	AV	0.00	150	Vertical	Pass
6	15686.325	50.08	-4.30	74.0	-23.92	Peak	207.00	150	Vertical	Pass
6**	15686.325	39.71	-4.30	54.0	-14.29	AV	207.00	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	1330.100	41.11	-17.10	74.0	-32.89	Peak	103.00	150	Horizontal	Pass
1**	1330.100	27.74	-17.10	54.0	-26.26	AV	103.00	150	Horizontal	Pass
2	2801.600	42.39	-10.31	74.0	-31.61	Peak	222.00	150	Horizontal	Pass
2**	2801.600	33.53	-10.31	54.0	-20.47	AV	222.00	150	Horizontal	Pass
3	4185.500	49.37	-2.87	74.0	-24.63	Peak	76.00	150	Horizontal	Pass
3**	4185.500	40.28	-2.87	54.0	-13.72	AV	76.00	150	Horizontal	Pass
4	5223.500	107.23	-1.41	--	-56.77	Peak	164.00	150	Horizontal	N/A
4**	5223.500	99.91	-1.41	--	99.91	AV	164.00	150	Horizontal	N/A
5	12008.050	51.51	-1.02	74.0	-22.49	Peak	298.00	150	Horizontal	Pass
5**	12008.050	42.26	-1.02	54.0	-11.74	AV	298.00	150	Horizontal	Pass
6	17799.188	49.62	-2.63	74.0	-24.38	Peak	360.00	150	Horizontal	Pass
6**	17799.188	40.86	-2.63	54.0	-13.14	AV	360.00	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	1329.900	43.14	-17.06	74.0	-30.86	Peak	251.00	100	Vertical	Pass
1**	1329.900	28.44	-17.06	54.0	-25.56	AV	251.00	100	Vertical	Pass
2	2815.200	42.35	-9.86	74.0	-31.65	Peak	118.00	100	Vertical	Pass
2**	2815.200	33.54	-9.86	54.0	-20.46	AV	118.00	100	Vertical	Pass
3	4187.500	49.14	-2.94	74.0	-24.86	Peak	24.00	100	Vertical	Pass
3**	4187.500	39.95	-2.94	54.0	-14.05	AV	24.00	100	Vertical	Pass
4	5221.250	101.72	-1.46	--	-47.28	Peak	149.00	100	Vertical	N/A
4**	5221.250	94.05	-1.46	--	94.05	AV	149.00	100	Vertical	N/A
5	8083.125	49.53	-2.67	74.0	-24.47	Peak	154.00	100	Vertical	Pass
5**	8083.125	40.27	-2.67	54.0	-13.73	AV	154.00	100	Vertical	Pass
6	12521.050	51.83	-0.56	74.0	-22.17	Peak	68.00	100	Vertical	Pass
6**	12521.050	42.97	-0.56	54.0	-11.03	AV	68.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.100	40.09	-17.18	74.0	-33.91	Peak	33.00	150	Horizontal	Pass
1**	1332.100	29.01	-17.18	54.0	-24.99	AV	33.00	150	Horizontal	Pass
2	2852.500	43.03	-10.29	74.0	-30.97	Peak	208.00	150	Horizontal	Pass
2**	2852.500	33.75	-10.29	54.0	-20.25	AV	208.00	150	Horizontal	Pass
3	3969.500	49.90	-4.00	74.0	-24.10	Peak	219.00	150	Horizontal	Pass
3**	3969.500	39.83	-4.00	54.0	-14.17	AV	219.00	150	Horizontal	Pass
4	5240.000	108.76	-1.63	--	-48.24	Peak	157.00	150	Horizontal	N/A
4**	5240.000	100.56	-1.63	--	100.56	AV	157.00	150	Horizontal	N/A
5	11059.237	52.03	-1.31	74.0	-21.97	Peak	205.00	150	Horizontal	Pass
5**	11059.237	42.52	-1.31	54.0	-11.48	AV	205.00	150	Horizontal	Pass
6	17792.625	49.53	-2.92	74.0	-24.47	Peak	122.00	150	Horizontal	Pass
6**	17792.625	40.82	-2.92	54.0	-13.18	AV	122.00	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	1330.700	41.76	-17.13	74.0	-32.24	Peak	95.00	150	Vertical	Pass
1**	1330.700	34.33	-17.13	54.0	-19.67	AV	95.00	150	Vertical	Pass
2	2797.400	42.40	-10.50	74.0	-31.60	Peak	276.00	150	Vertical	Pass
2**	2797.400	33.87	-10.50	54.0	-20.13	AV	276.00	150	Vertical	Pass
3	3844.750	48.76	-3.72	74.0	-25.24	Peak	267.00	150	Vertical	Pass
3**	3844.750	39.76	-3.72	54.0	-14.24	AV	267.00	150	Vertical	Pass
4	5243.000	102.32	-1.79	--	20.32	Peak	82.00	150	Vertical	N/A
4**	5243.000	95.07	-1.79	--	95.07	AV	82.00	150	Vertical	N/A
5	11839.662	52.00	-1.40	74.0	-22.00	Peak	310.00	150	Vertical	Pass
5**	11839.662	41.58	-1.40	54.0	-12.42	AV	310.00	150	Vertical	Pass
6	17812.050	49.32	-2.97	74.0	-24.68	Peak	177.00	150	Vertical	Pass
6**	17812.050	39.75	-2.97	54.0	-14.25	AV	177.00	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	1535.100	42.00	-17.12	74.0	-32.00	Peak	112.00	150	Horizontal	Pass
1**	1535.100	28.20	-17.12	54.0	-25.80	AV	112.00	150	Horizontal	Pass
2	2785.100	43.49	-10.25	74.0	-30.51	Peak	288.00	150	Horizontal	Pass
2**	2785.100	33.48	-10.25	54.0	-20.52	AV	288.00	150	Horizontal	Pass
3	4190.250	49.30	-2.93	74.0	-24.70	Peak	160.00	150	Horizontal	Pass
3**	4190.250	40.50	-2.93	54.0	-13.50	AV	160.00	150	Horizontal	Pass
4	5194.250	105.43	-2.09	--	-54.57	Peak	160.00	150	Horizontal	N/A
4**	5194.250	97.27	-2.09	--	97.27	AV	160.00	150	Horizontal	N/A
5	8062.938	49.18	-2.47	74.0	-24.82	Peak	232.00	150	Horizontal	Pass
5**	8062.938	40.47	-2.47	54.0	-13.53	AV	232.00	150	Horizontal	Pass
6	12528.888	51.52	-0.74	74.0	-22.48	Peak	193.00	150	Horizontal	Pass
6**	12528.888	41.94	-0.74	54.0	-12.06	AV	193.00	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	1333.000	41.37	-17.12	74.0	-32.63	Peak	262.00	150	Vertical	Pass
1**	1333.000	28.14	-17.12	54.0	-25.86	AV	262.00	150	Vertical	Pass
2	2775.700	42.51	-10.55	74.0	-31.49	Peak	18.00	150	Vertical	Pass
2**	2775.700	33.07	-10.55	54.0	-20.93	AV	18.00	150	Vertical	Pass
3	3989.000	49.39	-3.44	74.0	-24.61	Peak	65.00	150	Vertical	Pass
3**	3989.000	39.84	-3.44	54.0	-14.16	AV	65.00	150	Vertical	Pass
4	5185.000	99.70	-1.68	--	34.70	Peak	65.00	150	Vertical	N/A
4**	5185.000	91.73	-1.68	--	91.73	AV	65.00	150	Vertical	N/A
5	9362.537	51.30	-0.59	74.0	-22.70	Peak	95.00	150	Vertical	Pass
5**	9362.537	41.56	-0.59	54.0	-12.44	AV	95.00	150	Vertical	Pass
6	12507.037	51.94	-0.24	74.0	-22.06	Peak	241.00	150	Vertical	Pass
6**	12507.037	43.06	-0.24	54.0	-10.94	AV	241.00	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	1560.000	40.38	-17.12	74.0	-33.62	Peak	114.00	150	Horizontal	Pass
1**	1560.000	28.77	-17.12	54.0	-25.23	AV	114.00	150	Horizontal	Pass
2	2811.200	42.58	-9.89	74.0	-31.42	Peak	308.00	150	Horizontal	Pass
2**	2811.200	33.67	-9.89	54.0	-20.33	AV	308.00	150	Horizontal	Pass
3	4180.750	49.29	-3.46	74.0	-24.71	Peak	360.00	150	Horizontal	Pass
3**	4180.750	39.83	-3.46	54.0	-14.17	AV	360.00	150	Horizontal	Pass
4	5231.750	106.02	-1.29	--	-50.98	Peak	157.00	150	Horizontal	N/A
4**	5231.750	99.38	-1.29	--	99.38	AV	157.00	150	Horizontal	N/A
5	12523.900	51.84	-0.63	74.0	-22.16	Peak	0.00	150	Horizontal	Pass
5**	12523.900	42.51	-0.63	54.0	-11.49	AV	0.00	150	Horizontal	Pass
6	17796.301	49.12	-2.76	74.0	-24.88	Peak	89.00	150	Horizontal	Pass
6**	17796.301	41.07	-2.76	54.0	-12.93	AV	89.00	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	1595.100	42.33	-17.17	74.0	-31.67	Peak	50.00	150	Vertical	Pass
1**	1595.100	33.04	-17.17	54.0	-20.96	AV	50.00	150	Vertical	Pass
2	2805.400	43.11	-10.07	74.0	-30.89	Peak	133.00	150	Vertical	Pass
2**	2805.400	33.77	-10.07	54.0	-20.23	AV	133.00	150	Vertical	Pass
3	4126.000	49.79	-3.19	74.0	-24.21	Peak	0.00	150	Vertical	Pass
3**	4126.000	39.92	-3.19	54.0	-14.08	AV	0.00	150	Vertical	Pass
4	5234.750	99.98	-1.40	--	17.98	Peak	82.00	150	Vertical	N/A
4**	5234.750	93.10	-1.40	--	93.10	AV	82.00	150	Vertical	N/A
5	11202.213	52.05	-1.05	74.0	-21.95	Peak	258.00	150	Vertical	Pass
5**	11202.213	42.90	-1.05	54.0	-11.10	AV	258.00	150	Vertical	Pass
6	17799.713	49.31	-2.61	74.0	-24.69	Peak	31.00	150	Vertical	Pass
6**	17799.713	41.18	-2.61	54.0	-12.82	AV	31.00	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	1333.400	41.67	-17.24	74.0	-32.33	Peak	360.00	150	Horizontal	Pass
1**	1333.400	28.26	-17.24	54.0	-25.74	AV	360.00	150	Horizontal	Pass
2	2848.200	42.77	-10.26	74.0	-31.23	Peak	245.00	150	Horizontal	Pass
2**	2848.200	33.08	-10.26	54.0	-20.92	AV	245.00	150	Horizontal	Pass
3	3982.000	49.85	-3.57	74.0	-24.15	Peak	319.00	150	Horizontal	Pass
3**	3982.000	39.92	-3.57	54.0	-14.08	AV	319.00	150	Horizontal	Pass
4	5180.750	107.63	-1.40	--	-49.37	Peak	157.00	150	Horizontal	N/A
4**	5180.750	100.34	-1.40	--	100.34	AV	157.00	150	Horizontal	N/A
5	12517.012	52.34	-0.47	74.0	-21.66	Peak	114.00	150	Horizontal	Pass
5**	12517.012	42.69	-0.47	54.0	-11.31	AV	114.00	150	Horizontal	Pass
6	17926.238	49.20	-3.36	74.0	-24.80	Peak	211.00	150	Horizontal	Pass
6**	17926.238	39.66	-3.36	54.0	-14.34	AV	211.00	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	1596.300	40.50	-17.28	74.0	-33.50	Peak	144.00	150	Vertical	Pass
1**	1596.300	32.31	-17.28	54.0	-21.69	AV	144.00	150	Vertical	Pass
2	2792.900	43.03	-10.45	74.0	-30.97	Peak	126.00	150	Vertical	Pass
2**	2792.900	33.55	-10.45	54.0	-20.45	AV	126.00	150	Vertical	Pass
3	4111.750	48.96	-3.87	74.0	-25.04	Peak	82.00	150	Vertical	Pass
3**	4111.750	39.09	-3.87	54.0	-14.91	AV	82.00	150	Vertical	Pass
4	5182.000	103.71	-1.26	--	33.71	Peak	70.00	150	Vertical	N/A
4**	5182.000	95.82	-1.26	--	95.82	AV	70.00	150	Vertical	N/A
5	9451.362	52.13	-1.34	74.0	-21.87	Peak	45.00	150	Vertical	Pass
5**	9451.362	42.79	-1.34	54.0	-11.21	AV	45.00	150	Vertical	Pass
6	12503.000	51.90	-0.15	74.0	-22.10	Peak	98.00	150	Vertical	Pass
6**	12503.000	42.47	-0.15	54.0	-11.53	AV	98.00	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	1330.200	40.48	-17.13	74.0	-33.52	Peak	17.00	150	Horizontal	Pass
1**	1330.200	30.41	-17.13	54.0	-23.59	AV	17.00	150	Horizontal	Pass
2	2812.000	42.48	-9.81	74.0	-31.52	Peak	23.00	150	Horizontal	Pass
2**	2812.000	33.30	-9.81	54.0	-20.70	AV	23.00	150	Horizontal	Pass
3	3988.250	49.30	-3.50	74.0	-24.70	Peak	308.00	150	Horizontal	Pass
3**	3988.250	40.11	-3.50	54.0	-13.89	AV	308.00	150	Horizontal	Pass
4	5218.500	108.55	-1.65	--	-31.45	Peak	140.00	150	Horizontal	N/A
4**	5218.500	100.50	-1.65	--	100.50	AV	140.00	150	Horizontal	N/A
5	9451.837	51.59	-1.35	74.0	-22.41	Peak	244.00	150	Horizontal	Pass
5**	9451.837	42.68	-1.35	54.0	-11.32	AV	244.00	150	Horizontal	Pass
6	12503.713	52.24	-0.17	74.0	-21.76	Peak	141.00	150	Horizontal	Pass
6**	12503.713	42.89	-0.17	54.0	-11.11	AV	141.00	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	1594.400	40.49	-17.13	74.0	-33.51	Peak	143.00	150	Vertical	Pass
1**	1594.400	31.05	-17.13	54.0	-22.95	AV	143.00	150	Vertical	Pass
2	2784.200	42.95	-10.21	74.0	-31.05	Peak	12.00	150	Vertical	Pass
2**	2784.200	33.44	-10.21	54.0	-20.56	AV	12.00	150	Vertical	Pass
3	4139.250	49.98	-3.69	74.0	-24.02	Peak	334.00	150	Vertical	Pass
3**	4139.250	40.17	-3.69	54.0	-13.83	AV	334.00	150	Vertical	Pass
4	5215.000	101.32	-1.60	--	30.32	Peak	71.00	150	Vertical	N/A
4**	5215.000	93.93	-1.60	--	93.93	AV	71.00	150	Vertical	N/A
5	9465.375	51.68	-1.56	74.0	-22.32	Peak	31.00	150	Vertical	Pass
5**	9465.375	41.97	-1.56	54.0	-12.03	AV	31.00	150	Vertical	Pass
6	13389.450	52.75	1.49	74.0	-21.25	Peak	358.00	150	Vertical	Pass
6**	13389.450	43.62	1.49	54.0	-10.38	AV	358.00	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	1330.000	40.68	-17.08	74.0	-33.32	Peak	9.00	150	Horizontal	Pass
1**	1330.000	33.10	-17.08	54.0	-20.90	AV	9.00	150	Horizontal	Pass
2	2812.200	42.41	-9.82	74.0	-31.59	Peak	66.00	150	Horizontal	Pass
2**	2812.200	33.43	-9.82	54.0	-20.57	AV	66.00	150	Horizontal	Pass
3	4016.000	49.32	-3.85	74.0	-24.68	Peak	125.00	150	Horizontal	Pass
3**	4016.000	39.85	-3.85	54.0	-14.15	AV	125.00	150	Horizontal	Pass
4	5241.500	108.56	-1.70	--	-30.44	Peak	139.00	150	Horizontal	N/A
4**	5241.500	100.69	-1.70	--	100.69	AV	139.00	150	Horizontal	N/A
5	9456.588	51.85	-1.42	74.0	-22.15	Peak	57.00	150	Horizontal	Pass
5**	9456.588	42.30	-1.42	54.0	-11.70	AV	57.00	150	Horizontal	Pass
6	12504.424	51.60	-0.18	74.0	-22.40	Peak	57.00	150	Horizontal	Pass
6**	12504.424	43.40	-0.18	54.0	-10.60	AV	57.00	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	1599.900	41.50	-17.24	74.0	-32.50	Peak	144.00	150	Vertical	Pass
1**	1599.900	31.80	-17.24	54.0	-22.20	AV	144.00	150	Vertical	Pass
2	2871.800	42.96	-10.51	74.0	-31.04	Peak	23.00	150	Vertical	Pass
2**	2871.800	33.21	-10.51	54.0	-20.79	AV	23.00	150	Vertical	Pass
3	4110.750	49.50	-3.82	74.0	-24.50	Peak	46.00	150	Vertical	Pass
3**	4110.750	39.49	-3.82	54.0	-14.51	AV	46.00	150	Vertical	Pass
4	5241.250	103.01	-1.68	--	30.01	Peak	73.00	150	Vertical	N/A
4**	5241.250	95.25	-1.68	--	95.25	AV	73.00	150	Vertical	N/A
5	9389.138	51.58	-1.00	74.0	-22.42	Peak	156.00	150	Vertical	Pass
5**	9389.138	41.74	-1.00	54.0	-12.26	AV	156.00	150	Vertical	Pass
6	17813.625	49.16	-3.02	74.0	-24.84	Peak	254.00	150	Vertical	Pass
6**	17813.625	39.51	-3.02	54.0	-14.49	AV	254.00	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	1328.400	40.50	-17.00	74.0	-33.50	Peak	21.00	150	Horizontal	Pass
1**	1328.400	27.90	-17.00	54.0	-26.10	AV	21.00	150	Horizontal	Pass
2	2802.400	42.54	-10.58	74.0	-31.46	Peak	304.00	150	Horizontal	Pass
2**	2802.400	33.35	-10.58	54.0	-20.65	AV	304.00	150	Horizontal	Pass
3	3823.000	49.39	-4.25	74.0	-24.61	Peak	350.00	150	Horizontal	Pass
3**	3823.000	40.35	-4.25	54.0	-13.65	AV	350.00	150	Horizontal	Pass
4	5186.500	105.24	-1.62	--	-38.76	Peak	144.00	150	Horizontal	N/A
4**	5186.500	97.26	-1.62	--	97.26	AV	144.00	150	Horizontal	N/A
5	9443.287	50.85	-1.30	74.0	-23.15	Peak	243.00	150	Horizontal	Pass
5**	9443.287	42.20	-1.30	54.0	-11.80	AV	243.00	150	Horizontal	Pass
6	13387.612	52.30	1.50	74.0	-21.70	Peak	82.00	150	Horizontal	Pass
6**	13387.612	44.39	1.50	54.0	-9.61	AV	82.00	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	1595.800	40.62	-17.26	74.0	-33.38	Peak	153.00	150	Vertical	Pass
1**	1595.800	31.28	-17.26	54.0	-22.72	AV	153.00	150	Vertical	Pass
2	2781.100	42.53	-10.46	74.0	-31.47	Peak	72.00	150	Vertical	Pass
2**	2781.100	33.01	-10.46	54.0	-20.99	AV	72.00	150	Vertical	Pass
3	3985.250	49.81	-3.47	74.0	-24.19	Peak	239.00	150	Vertical	Pass
3**	3985.250	39.62	-3.47	54.0	-14.38	AV	239.00	150	Vertical	Pass
4	5179.000	98.65	-1.31	--	39.65	Peak	59.00	150	Vertical	N/A
4**	5179.000	90.40	-1.31	--	90.40	AV	59.00	150	Vertical	N/A
5	9013.412	51.71	-2.28	74.0	-22.29	Peak	323.00	150	Vertical	Pass
5**	9013.412	41.44	-2.28	54.0	-12.56	AV	323.00	150	Vertical	Pass
6	13367.137	53.01	1.62	74.0	-20.99	Peak	336.00	150	Vertical	Pass
6**	13367.137	42.33	1.62	54.0	-11.67	AV	336.00	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	1331.500	41.71	-17.13	74.0	-32.29	Peak	117.00	150	Horizontal	Pass
1**	1331.500	28.91	-17.13	54.0	-25.09	AV	117.00	150	Horizontal	Pass
2	2793.300	42.77	-10.47	74.0	-31.23	Peak	47.00	150	Horizontal	Pass
2**	2793.300	33.35	-10.47	54.0	-20.65	AV	47.00	150	Horizontal	Pass
3	4332.750	51.18	-3.70	74.0	-22.82	Peak	294.00	150	Horizontal	Pass
3**	4332.750	39.91	-3.70	54.0	-14.09	AV	294.00	150	Horizontal	Pass
4	5232.500	106.13	-1.19	--	-35.87	Peak	142.00	150	Horizontal	N/A
4**	5232.500	97.82	-1.19	--	97.82	AV	142.00	150	Horizontal	N/A
5	9448.513	51.84	-1.32	74.0	-22.16	Peak	17.00	150	Horizontal	Pass
5**	9448.513	43.52	-1.32	54.0	-10.48	AV	17.00	150	Horizontal	Pass
6	13393.125	52.71	1.47	74.0	-21.29	Peak	-2.00	150	Horizontal	Pass
6**	13393.125	43.32	1.47	54.0	-10.68	AV	-2.00	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	1594.500	41.95	-17.13	74.0	-32.05	Peak	53.00	150	Vertical	Pass
1**	1594.500	30.25	-17.13	54.0	-23.75	AV	53.00	150	Vertical	Pass
2	2850.300	43.06	-10.18	74.0	-30.94	Peak	289.00	150	Vertical	Pass
2**	2850.300	34.15	-10.18	54.0	-19.85	AV	289.00	150	Vertical	Pass
3	4320.000	49.82	-3.54	74.0	-24.18	Peak	350.00	150	Vertical	Pass
3**	4320.000	39.41	-3.54	54.0	-14.59	AV	350.00	150	Vertical	Pass
4	5235.500	100.04	-1.47	--	28.04	Peak	72.00	150	Vertical	N/A
4**	5235.500	91.28	-1.47	--	91.28	AV	72.00	150	Vertical	N/A
5	9458.487	51.65	-1.45	74.0	-22.35	Peak	282.00	150	Vertical	Pass
5**	9458.487	42.66	-1.45	54.0	-11.34	AV	282.00	150	Vertical	Pass
6	13380.525	52.14	1.54	74.0	-21.86	Peak	309.00	150	Vertical	Pass
6**	13380.525	43.85	1.54	54.0	-10.15	AV	309.00	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	1563.500	41.58	-17.28	74.0	-32.42	Peak	121.00	150	Horizontal	Pass
1**	1563.500	30.09	-17.28	54.0	-23.91	AV	121.00	150	Horizontal	Pass
2	2805.600	43.27	-10.04	74.0	-30.73	Peak	222.00	150	Horizontal	Pass
2**	2805.600	33.81	-10.04	54.0	-20.19	AV	222.00	150	Horizontal	Pass
3	4140.000	49.33	-3.86	74.0	-24.67	Peak	335.00	150	Horizontal	Pass
3**	4140.000	40.64	-3.86	54.0	-13.36	AV	335.00	150	Horizontal	Pass
4	5235.250	102.12	-1.47	--	-47.88	Peak	150.00	150	Horizontal	N/A
4**	5235.250	95.02	-1.47	--	95.02	AV	150.00	150	Horizontal	N/A
5	9448.037	52.02	-1.32	74.0	-21.98	Peak	15.00	150	Horizontal	Pass
5**	9448.037	42.53	-1.32	54.0	-11.47	AV	15.00	150	Horizontal	Pass
6	13378.688	52.74	1.55	74.0	-21.26	Peak	158.00	150	Horizontal	Pass
6**	13378.688	43.34	1.55	54.0	-10.66	AV	158.00	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	1565.700	43.18	-17.11	74.0	-30.82	Peak	148.00	150	Vertical	Pass
1**	1565.700	34.36	-17.11	54.0	-19.64	AV	148.00	150	Vertical	Pass
2	2817.900	42.62	-9.84	74.0	-31.38	Peak	324.00	150	Vertical	Pass
2**	2817.900	32.73	-9.84	54.0	-21.27	AV	324.00	150	Vertical	Pass
3	3981.000	49.13	-3.62	74.0	-24.87	Peak	39.00	150	Vertical	Pass
3**	3981.000	40.51	-3.62	54.0	-13.49	AV	39.00	150	Vertical	Pass
4	5233.000	96.17	-1.20	--	16.17	Peak	80.00	150	Vertical	N/A
4**	5233.000	88.88	-1.20	--	88.88	AV	80.00	150	Vertical	N/A
5	9458.725	50.96	-1.46	74.0	-23.04	Peak	267.00	150	Vertical	Pass
5**	9458.725	42.74	-1.46	54.0	-11.26	AV	267.00	150	Vertical	Pass
6	13374.224	52.56	1.58	74.0	-21.44	Peak	234.00	150	Vertical	Pass
6**	13374.224	43.96	1.58	54.0	-10.04	AV	234.00	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	1593.300	41.77	-17.12	74.0	-32.23	Peak	130.00	150	Horizontal	Pass
1**	1593.300	30.86	-17.12	54.0	-23.14	AV	130.00	150	Horizontal	Pass
2	2759.200	44.42	-11.09	74.0	-29.58	Peak	228.00	150	Horizontal	Pass
2**	2759.200	34.24	-11.09	54.0	-19.76	AV	228.00	150	Horizontal	Pass
3	4317.500	50.14	-3.60	74.0	-23.86	Peak	126.00	150	Horizontal	Pass
3**	4317.500	40.83	-3.60	54.0	-13.17	AV	126.00	150	Horizontal	Pass
4	5261.750	109.21	-2.00	--	-42.79	Peak	152.00	150	Horizontal	N/A
4**	5261.750	102.21	-2.00	--	102.21	AV	152.00	150	Horizontal	N/A
5	11932.526	53.31	-0.89	74.0	-20.69	Peak	121.00	150	Horizontal	Pass
5**	11932.526	42.61	-0.89	54.0	-11.39	AV	121.00	150	Horizontal	Pass
6	17808.114	49.58	-2.85	74.0	-24.42	Peak	55.00	150	Horizontal	Pass
6**	17808.114	40.75	-2.85	54.0	-13.25	AV	55.00	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	1333.100	39.53	-17.15	74.0	-34.47	Peak	77.00	150	Vertical	Pass
1**	1333.100	28.49	-17.15	54.0	-25.51	AV	77.00	150	Vertical	Pass
2	2779.100	44.20	-10.42	74.0	-29.80	Peak	335.00	150	Vertical	Pass
2**	2779.100	34.76	-10.42	54.0	-19.24	AV	335.00	150	Vertical	Pass
3	4207.500	49.37	-3.68	74.0	-24.63	Peak	15.00	150	Vertical	Pass
3**	4207.500	40.42	-3.68	54.0	-13.58	AV	15.00	150	Vertical	Pass
4	5260.750	109.21	-2.01	--	-30.79	Peak	140.00	150	Vertical	N/A
4**	5260.750	101.47	-2.01	--	101.47	AV	140.00	150	Vertical	N/A
5	11991.187	52.40	-0.80	74.0	-21.60	Peak	120.00	150	Vertical	Pass
5**	11991.187	44.11	-0.80	54.0	-9.89	AV	120.00	150	Vertical	Pass
6	17806.537	49.96	-2.80	74.0	-24.04	Peak	216.00	150	Vertical	Pass
6**	17806.537	41.13	-2.80	54.0	-12.87	AV	216.00	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	1544.100	40.18	-16.97	74.0	-33.82	Peak	121.00	150	Horizontal	Pass
1**	1544.100	28.84	-16.97	54.0	-25.16	AV	121.00	150	Horizontal	Pass
2	2779.300	44.29	-10.41	74.0	-29.71	Peak	271.00	150	Horizontal	Pass
2**	2779.300	35.30	-10.41	54.0	-18.70	AV	271.00	150	Horizontal	Pass
3	3967.750	49.99	-3.91	74.0	-24.01	Peak	214.00	150	Horizontal	Pass
3**	3967.750	40.15	-3.91	54.0	-13.85	AV	214.00	150	Horizontal	Pass
4	5302.000	109.95	-2.07	--	-42.05	Peak	152.00	150	Horizontal	N/A
4**	5302.000	101.79	-2.07	--	101.79	AV	152.00	150	Horizontal	N/A
5	9087.037	51.45	-2.46	74.0	-22.55	Peak	226.00	150	Horizontal	Pass
5**	9087.037	41.74	-2.46	54.0	-12.26	AV	226.00	150	Horizontal	Pass
6	12499.675	53.09	-0.08	74.0	-20.91	Peak	67.00	150	Horizontal	Pass
6**	12499.675	43.44	-0.08	54.0	-10.56	AV	67.00	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	1499.800	39.82	-17.17	74.0	-34.18	Peak	112.00	150	Vertical	Pass
1**	1499.800	29.33	-17.17	54.0	-24.67	AV	112.00	150	Vertical	Pass
2	2793.300	44.47	-10.47	74.0	-29.53	Peak	2.00	150	Vertical	Pass
2**	2793.300	35.41	-10.47	54.0	-18.59	AV	2.00	150	Vertical	Pass
3	3893.750	49.78	-3.63	74.0	-24.22	Peak	102.00	150	Vertical	Pass
3**	3893.750	40.29	-3.63	54.0	-13.71	AV	102.00	150	Vertical	Pass
4	5301.250	109.76	-2.10	--	-42.24	Peak	152.00	150	Vertical	N/A
4**	5301.250	102.39	-2.10	--	102.39	AV	152.00	150	Vertical	N/A
5	11029.550	52.51	-1.41	74.0	-21.49	Peak	139.00	150	Vertical	Pass
5**	11029.550	43.60	-1.41	54.0	-10.40	AV	139.00	150	Vertical	Pass
6	17798.926	50.56	-2.64	74.0	-23.44	Peak	218.00	150	Vertical	Pass
6**	17798.926	41.60	-2.64	54.0	-12.40	AV	218.00	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	1594.700	39.94	-17.13	74.0	-34.06	Peak	132.00	150	Horizontal	Pass
1**	1594.700	30.63	-17.13	54.0	-23.37	AV	132.00	150	Horizontal	Pass
2	2795.500	44.38	-10.55	74.0	-29.62	Peak	207.00	150	Horizontal	Pass
2**	2795.500	34.76	-10.55	54.0	-19.24	AV	207.00	150	Horizontal	Pass
3	3980.000	49.18	-3.66	74.0	-24.82	Peak	251.00	150	Horizontal	Pass
3**	3980.000	40.54	-3.66	54.0	-13.46	AV	251.00	150	Horizontal	Pass
4	5318.500	110.55	-1.77	--	-41.45	Peak	152.00	150	Horizontal	N/A
4**	5318.500	102.22	-1.77	--	102.22	AV	152.00	150	Horizontal	N/A
5	11993.088	53.66	-0.80	74.0	-20.34	Peak	50.00	150	Horizontal	Pass
5**	11993.088	43.52	-0.80	54.0	-10.48	AV	50.00	150	Horizontal	Pass
6	17822.026	50.23	-3.28	74.0	-23.77	Peak	0.00	150	Horizontal	Pass
6**	17822.026	40.77	-3.28	54.0	-13.23	AV	0.00	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	1567.000	42.66	-17.24	74.0	-31.34	Peak	46.00	150	Vertical	Pass
1**	1567.000	28.92	-17.24	54.0	-25.08	AV	46.00	150	Vertical	Pass
2	2794.100	44.67	-10.41	74.0	-29.33	Peak	27.00	150	Vertical	Pass
2**	2794.100	35.32	-10.41	54.0	-18.68	AV	27.00	150	Vertical	Pass
3	4142.750	50.43	-3.93	74.0	-23.57	Peak	339.00	150	Vertical	Pass
3**	4142.750	39.92	-3.93	54.0	-14.08	AV	339.00	150	Vertical	Pass
4	5320.750	104.16	-1.69	--	-36.84	Peak	141.00	150	Vertical	N/A
4**	5320.750	95.73	-1.69	--	95.73	AV	141.00	150	Vertical	N/A
5	11901.887	53.00	-1.02	74.0	-21.00	Peak	245.00	150	Vertical	Pass
5**	11901.887	42.94	-1.02	54.0	-11.06	AV	245.00	150	Vertical	Pass
6	17802.338	50.65	-2.67	74.0	-23.35	Peak	1.00	150	Vertical	Pass
6**	17802.338	41.42	-2.67	54.0	-12.58	AV	1.00	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	1547.400	39.80	-15.59	74.0	-34.20	Peak	137.00	150	Horizontal	Pass
1**	1547.400	29.68	-15.59	54.0	-24.32	AV	137.00	150	Horizontal	Pass
2	2830.800	47.16	-7.30	74.0	-26.84	Peak	32.00	150	Horizontal	Pass
2**	2830.800	36.40	-7.30	54.0	-17.60	AV	32.00	150	Horizontal	Pass
3	5261.250	107.13	-0.02	--	54.13	Peak	53.00	150	Horizontal	N/A
3**	5261.250	99.73	-0.02	--	99.73	AV	53.00	150	Horizontal	N/A
4	7396.000	55.93	2.48	74.0	-18.07	Peak	1.00	150	Horizontal	Pass
4**	7396.000	46.43	2.48	54.0	-7.57	AV	1.00	150	Horizontal	Pass
5	11193.425	55.44	2.06	74.0	-18.56		360.00	150	Horizontal	Pass
5**	11193.425	45.68	2.06	54.0	-8.32	AV	360.00	150	Horizontal	Pass
6	15748.275	54.00	1.12	74.0	-20.00	Peak	360.00	150	Horizontal	Pass
6**	15748.275	44.52	1.12	54.0	-9.48	AV	360.00	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	1595.500	41.79	-15.83	74.0	-32.21	Peak	75.00	150	Vertical	Pass
1**	1595.500	30.33	-15.83	54.0	-23.67	AV	75.00	150	Vertical	Pass
2	2828.700	46.87	-7.27	74.0	-27.13	Peak	174.00	150	Vertical	Pass
2**	2828.700	36.56	-7.27	54.0	-17.44	AV	174.00	150	Vertical	Pass
3	5257.750	103.07	-0.03	--	-42.93	Peak	146.00	150	Vertical	N/A
3**	5257.750	95.27	-0.03	--	95.27	AV	146.00	150	Vertical	N/A
4	7391.500	56.19	2.39	74.0	-17.81	Peak	1.00	150	Vertical	Pass
4**	7391.500	46.01	2.39	54.0	-7.99	AV	1.00	150	Vertical	Pass
5	11944.637	55.00	2.60	74.0	-19.00	Peak	201.00	150	Vertical	Pass
5**	11944.637	45.62	2.60	54.0	-8.38	AV	201.00	150	Vertical	Pass
6	15982.687	53.74	0.77	74.0	-20.26	Peak	363.00	150	Vertical	Pass
6**	15982.687	45.36	0.77	54.0	-8.64	AV	363.00	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	1331.700	43.45	-15.46	74.0	-30.55	Peak	140.00	150	Horizontal	Pass
1**	1331.700	30.06	-15.46	54.0	-23.94	AV	140.00	150	Horizontal	Pass
2	2757.200	45.89	-8.18	74.0	-28.11	Peak	360.00	150	Horizontal	Pass
2**	2757.200	35.59	-8.18	54.0	-18.41	AV	360.00	150	Horizontal	Pass
3	4300.000	50.58	-1.61	74.0	-23.42	Peak	6.00	150	Horizontal	Pass
3**	4300.000	40.70	-1.61	54.0	-13.30	AV	6.00	150	Horizontal	Pass
4	5302.500	106.69	0.27	--	49.69	Peak	57.00	150	Horizontal	N/A
4**	5302.500	99.63	0.27	--	99.63	AV	57.00	150	Horizontal	N/A
5	11948.912	55.06	2.63	74.0	-18.94	Peak	13.00	150	Horizontal	Pass
5**	11948.912	45.78	2.63	54.0	-8.22	AV	13.00	150	Horizontal	Pass
6	15756.412	54.24	1.12	74.0	-19.76	Peak	360.00	150	Horizontal	Pass
6**	15756.412	44.61	1.12	54.0	-9.39	AV	360.00	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	1556.600	41.44	-15.75	74.0	-32.56	Peak	153.00	150	Vertical	Pass
1**	1556.600	30.57	-15.75	54.0	-23.43	AV	153.00	150	Vertical	Pass
2	2866.800	47.13	-7.09	74.0	-26.87	Peak	3.00	150	Vertical	Pass
2**	2866.800	37.66	-7.09	54.0	-16.34	AV	3.00	150	Vertical	Pass
3	3738.500	48.37	-3.82	74.0	-25.63	Peak	173.00	150	Vertical	Pass
3**	3738.500	37.86	-3.82	54.0	-16.14	AV	173.00	150	Vertical	Pass
4	5300.250	101.98	0.31	--	-56.02	Peak	158.00	150	Vertical	N/A
4**	5300.250	95.10	0.31	--	95.10	AV	158.00	150	Vertical	N/A
5	11943.213	55.16	2.59	74.0	-18.84	Peak	360.00	150	Vertical	Pass
5**	11943.213	46.06	2.59	54.0	-7.94	AV	360.00	150	Vertical	Pass
6	15773.737	53.24	1.06	74.0	-20.76	Peak	1.00	150	Vertical	Pass
6**	15773.737	44.09	1.06	54.0	-9.91	AV	1.00	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	1595.900	41.04	-15.82	74.0	-32.96	Peak	82.00	150	Horizontal	Pass
1**	1595.900	31.83	-15.82	54.0	-22.17	AV	82.00	150	Horizontal	Pass
2	2808.500	46.65	-6.70	74.0	-27.35	Peak	82.00	150	Horizontal	Pass
2**	2808.500	36.56	-6.70	54.0	-17.44	AV	82.00	150	Horizontal	Pass
3	4152.250	49.68	-2.99	74.0	-24.32	Peak	362.00	150	Horizontal	Pass
3**	4152.250	39.73	-2.99	54.0	-14.27	AV	362.00	150	Horizontal	Pass
4	5321.500	102.04	0.48	--	10.04	Peak	92.00	150	Horizontal	N/A
4**	5321.500	93.76	0.48	--	93.76	AV	92.00	150	Horizontal	N/A
5	12000.687	55.63	2.61	74.0	-18.37	Peak	9.00	150	Horizontal	Pass
5**	12000.687	45.94	2.61	54.0	-8.06	AV	9.00	150	Horizontal	Pass
6	15957.224	54.16	0.94	74.0	-19.84	Peak	360.00	150	Horizontal	Pass
6**	15957.224	45.11	0.94	54.0	-8.89	AV	360.00	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	1593.500	41.55	-15.81	74.0	-32.45	Peak	84.00	150	Vertical	Pass
1**	1593.500	30.73	-15.81	54.0	-23.27	AV	84.00	150	Vertical	Pass
2	2850.500	46.95	-7.39	74.0	-27.05	Peak	363.00	150	Vertical	Pass
2**	2850.500	36.76	-7.39	54.0	-17.24	AV	363.00	150	Vertical	Pass
3	4063.500	49.34	-2.24	74.0	-24.66	Peak	362.00	150	Vertical	Pass
3**	4063.500	39.32	-2.24	54.0	-14.68	AV	362.00	150	Vertical	Pass
4	5319.500	101.45	0.47	--	15.45	Peak	86.00	150	Vertical	N/A
4**	5319.500	93.02	0.47	--	93.02	AV	86.00	150	Vertical	N/A
5	11954.850	55.59	2.64	74.0	-18.41	Peak	360.00	150	Vertical	Pass
5**	11954.850	46.08	2.64	54.0	-7.92	AV	360.00	150	Vertical	Pass
6	15769.275	54.06	1.08	74.0	-19.94	Peak	0.00	150	Vertical	Pass
6**	15769.275	44.75	1.08	54.0	-9.25	AV	0.00	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	1560.700	39.08	-15.82	74.0	-34.92	Peak	296.00	150	Horizontal	Pass
1**	1560.700	30.05	-15.82	54.0	-23.95	AV	296.00	150	Horizontal	Pass
2	2804.900	45.83	-6.76	74.0	-28.17	Peak	0.00	150	Horizontal	Pass
2**	2804.900	36.77	-6.76	54.0	-17.23	AV	0.00	150	Horizontal	Pass
3	3905.500	48.74	-2.57	74.0	-25.26	Peak	245.00	150	Horizontal	Pass
3**	3905.500	39.29	-2.57	54.0	-14.71	AV	245.00	150	Horizontal	Pass
4	5267.750	106.44	0.11	--	41.44	Peak	65.00	150	Horizontal	N/A
4**	5267.750	99.93	0.11	--	99.93	AV	65.00	150	Horizontal	N/A
5	11302.438	55.62	2.33	74.0	-18.38	Peak	360.00	150	Horizontal	Pass
5**	11302.438	46.37	2.33	54.0	-7.63	AV	360.00	150	Horizontal	Pass
6	15768.750	53.73	1.08	74.0	-20.27	Peak	2.00	150	Horizontal	Pass
6**	15768.750	44.71	1.08	54.0	-9.29	AV	2.00	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	1599.600	43.52	-15.81	74.0	-30.48	Peak	93.00	150	Vertical	Pass
1**	1599.600	31.28	-15.81	54.0	-22.72	AV	93.00	150	Vertical	Pass
2	2797.400	46.70	-6.86	74.0	-27.30	Peak	217.00	150	Vertical	Pass
2**	2797.400	36.51	-6.86	54.0	-17.49	AV	217.00	150	Vertical	Pass
3	3755.000	48.87	-2.86	74.0	-25.13	Peak	317.00	150	Vertical	Pass
3**	3755.000	38.39	-2.86	54.0	-15.61	AV	317.00	150	Vertical	Pass
4	5259.750	101.78	-0.04	--	-54.22	Peak	156.00	150	Vertical	N/A
4**	5259.750	94.20	-0.04	--	94.20	AV	156.00	150	Vertical	N/A
5	11917.563	54.85	2.41	74.0	-19.15	Peak	151.00	150	Vertical	Pass
5**	11917.563	45.89	2.41	54.0	-8.11	AV	151.00	150	Vertical	Pass
6	15737.513	54.22	0.99	74.0	-19.78	Peak	360.00	150	Vertical	Pass
6**	15737.513	44.89	0.99	54.0	-9.11	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	1477.900	39.31	-15.70	74.0	-34.69	Peak	315.00	150	Horizontal	Pass
1**	1477.900	29.40	-15.70	54.0	-24.60	AV	315.00	150	Horizontal	Pass
2	2725.600	46.32	-7.98	74.0	-27.68	Peak	0.00	150	Horizontal	Pass
2**	2725.600	36.13	-7.98	54.0	-17.87	AV	0.00	150	Horizontal	Pass
3	4131.750	49.83	-3.13	74.0	-24.17	Peak	189.00	150	Horizontal	Pass
3**	4131.750	39.09	-3.13	54.0	-14.91	AV	189.00	150	Horizontal	Pass
4	5305.250	107.24	0.37	--	62.24	Peak	45.00	150	Horizontal	N/A
4**	5305.250	99.37	0.37	--	99.37	AV	45.00	150	Horizontal	N/A
5	12509.887	56.61	2.99	74.0	-17.39	Peak	360.00	150	Horizontal	Pass
5**	12509.887	46.39	2.99	54.0	-7.61	AV	360.00	150	Horizontal	Pass
6	15967.988	54.08	0.87	74.0	-19.92	Peak	360.00	150	Horizontal	Pass
6**	15967.988	44.60	0.87	54.0	-9.40	AV	360.00	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	1330.500	43.96	-15.50	74.0	-30.04	Peak	134.00	150	Vertical	Pass
1**	1330.500	30.35	-15.50	54.0	-23.65	AV	134.00	150	Vertical	Pass
2	4146.750	49.48	-3.03	74.0	-24.52	Peak	0.00	150	Vertical	Pass
2**	4146.750	39.63	-3.03	54.0	-14.37	AV	0.00	150	Vertical	Pass
3	5299.000	100.95	0.36	--	-61.05	Peak	162.00	150	Vertical	N/A
3**	5299.000	92.52	0.36	--	92.52	AV	162.00	150	Vertical	N/A
4	7705.750	55.82	2.74	74.0	-18.18	Peak	0.00	150	Vertical	Pass
4**	7705.750	46.20	2.74	54.0	-7.80	AV	0.00	150	Vertical	Pass
5	12474.500	55.76	2.94	74.0	-18.24	Peak	360.00	150	Vertical	Pass
5**	12474.500	46.23	2.94	54.0	-7.77	AV	360.00	150	Vertical	Pass
6	15763.237	54.24	1.10	74.0	-19.76	Peak	0.00	150	Vertical	Pass
6**	15763.237	44.86	1.10	54.0	-9.14	AV	0.00	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	1532.800	38.62	-15.54	74.0	-35.38	Peak	120.00	150	Horizontal	Pass
1**	1532.800	29.98	-15.54	54.0	-24.02	AV	120.00	150	Horizontal	Pass
2	2796.000	46.36	-6.86	74.0	-27.64	Peak	360.00	150	Horizontal	Pass
2**	2796.000	36.49	-6.86	54.0	-17.51	AV	360.00	150	Horizontal	Pass
3	4041.250	49.36	-2.66	74.0	-24.64	Peak	360.00	150	Horizontal	Pass
3**	4041.250	40.34	-2.66	54.0	-13.66	AV	360.00	150	Horizontal	Pass
4	5259.250	109.08	0.56	68.2	40.88	Peak	39.00	150	Horizontal	N/A
4**	5259.250	102.62	0.56	--	102.62	AV	39.00	150	Horizontal	N/A
5	11038.338	54.65	1.75	74.0	-19.35	Peak	314.00	150	Horizontal	Pass
5**	11038.338	45.12	1.75	54.0	-8.88	AV	314.00	150	Horizontal	Pass
6	15983.737	53.92	0.77	74.0	-20.08	Peak	330.00	150	Horizontal	Pass
6**	15983.737	43.58	0.77	54.0	-10.42	AV	330.00	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	1594.500	41.85	-15.77	74.0	-32.15	Peak	92.00	150	Vertical	Pass
1**	1594.500	30.73	-15.77	54.0	-23.27	AV	92.00	150	Vertical	Pass
2	2874.500	47.00	-6.80	74.0	-27.00	Peak	48.00	150	Vertical	Pass
2**	2874.500	35.78	-6.80	54.0	-18.22	AV	48.00	150	Vertical	Pass
3	4046.750	49.58	-2.14	74.0	-24.42	Peak	0.00	150	Vertical	Pass
3**	4046.750	40.18	-2.14	54.0	-13.82	AV	0.00	150	Vertical	Pass
4	5259.250	102.36	0.56	68.2	34.16	Peak	307.00	150	Vertical	N/A
4**	5259.250	94.85	0.56	--	94.85	AV	307.00	150	Vertical	N/A
5	11964.112	55.58	2.64	74.0	-18.42	Peak	3.00	150	Vertical	Pass
5**	11964.112	45.75	2.64	54.0	-8.25	AV	3.00	150	Vertical	Pass
6	15987.675	53.74	0.74	74.0	-20.26	Peak	1.00	150	Vertical	Pass
6**	15987.675	44.44	0.74	54.0	-9.56	AV	1.00	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	1329.800	40.78	-15.41	74.0	-33.22	Peak	172.00	150	Horizontal	Pass
1**	1329.800	30.89	-15.41	54.0	-23.11	AV	172.00	150	Horizontal	Pass
2	2788.600	46.91	-7.02	74.0	-27.09	Peak	360.00	150	Horizontal	Pass
2**	2788.600	36.76	-7.02	54.0	-17.24	AV	360.00	150	Horizontal	Pass
3	4051.750	49.67	-1.85	74.0	-24.33	Peak	2.00	150	Horizontal	Pass
3**	4051.750	38.78	-1.85	54.0	-15.22	AV	2.00	150	Horizontal	Pass
4	5300.750	108.96	0.30	--	69.96	Peak	39.00	150	Horizontal	N/A
4**	5300.750	100.45	0.30	--	100.45	AV	39.00	150	Horizontal	N/A
5	12023.012	55.15	1.95	74.0	-18.85	Peak	158.00	150	Horizontal	Pass
5**	12023.012	45.19	1.95	54.0	-8.81	AV	158.00	150	Horizontal	Pass
6	15772.951	54.12	1.06	74.0	-19.88	Peak	363.00	150	Horizontal	Pass
6**	15772.951	45.02	1.06	54.0	-8.98	AV	363.00	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	1598.300	43.23	-15.82	74.0	-30.77	Peak	95.00	150	Vertical	Pass
1**	1598.300	32.65	-15.82	54.0	-21.35	AV	95.00	150	Vertical	Pass
2	2812.700	45.89	-6.91	74.0	-28.11	Peak	306.00	150	Vertical	Pass
2**	2812.700	36.44	-6.91	54.0	-17.56	AV	306.00	150	Vertical	Pass
3	4039.250	49.67	-2.84	74.0	-24.33	Peak	294.00	150	Vertical	Pass
3**	4039.250	40.04	-2.84	54.0	-13.96	AV	294.00	150	Vertical	Pass
4	5295.500	104.43	0.45	--	-44.57	Peak	149.00	150	Vertical	N/A
4**	5295.500	95.91	0.45	--	95.91	AV	149.00	150	Vertical	N/A
5	11298.875	55.26	2.39	74.0	-18.74	Peak	360.00	150	Vertical	Pass
5**	11298.875	45.04	2.39	54.0	-8.96	AV	360.00	150	Vertical	Pass
6	15760.612	53.08	1.11	74.0	-20.92	Peak	2.00	150	Vertical	Pass
6**	15760.612	44.17	1.11	54.0	-9.83	AV	2.00	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	1328.700	42.70	-15.40	74.0	-31.30	Peak	152.00	150	Horizontal	Pass
1**	1328.700	30.63	-15.40	54.0	-23.37	AV	152.00	150	Horizontal	Pass
2	2798.000	45.81	-6.87	74.0	-28.19	Peak	360.00	150	Horizontal	Pass
2**	2798.000	36.01	-6.87	54.0	-17.99	AV	360.00	150	Horizontal	Pass
3	4295.250	50.52	-1.95	74.0	-23.48	Peak	360.00	150	Horizontal	Pass
3**	4295.250	40.72	-1.95	54.0	-13.28	AV	360.00	150	Horizontal	Pass
4	5321.250	109.04	0.46	--	72.04	Peak	37.00	150	Horizontal	N/A
4**	5321.250	101.08	0.46	--	101.08	AV	37.00	150	Horizontal	N/A
5	11402.188	54.46	0.33	74.0	-19.54	Peak	31.00	150	Horizontal	Pass
5**	11402.188	43.78	0.33	54.0	-10.22	AV	31.00	150	Horizontal	Pass
6	15952.500	54.69	0.97	74.0	-19.31	Peak	178.00	150	Horizontal	Pass
6**	15952.500	44.68	0.97	54.0	-9.32	AV	178.00	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	1598.500	42.51	-15.82	74.0	-31.49	Peak	101.00	150	Vertical	Pass
1**	1598.500	35.60	-15.82	54.0	-18.40	AV	101.00	150	Vertical	Pass
2	2791.000	45.92	-6.89	74.0	-28.08	Peak	46.00	150	Vertical	Pass
2**	2791.000	36.41	-6.89	54.0	-17.59	AV	46.00	150	Vertical	Pass
3	3899.250	49.06	-2.22	74.0	-24.94	Peak	360.00	150	Vertical	Pass
3**	3899.250	38.99	-2.22	54.0	-15.01	AV	360.00	150	Vertical	Pass
4	5318.000	103.12	0.51	--	-34.88	Peak	138.00	150	Vertical	N/A
4**	5318.000	95.36	0.51	--	95.36	AV	138.00	150	Vertical	N/A
5	12004.963	55.46	2.48	74.0	-18.54	Peak	1.00	150	Vertical	Pass
5**	12004.963	45.74	2.48	54.0	-8.26	AV	1.00	150	Vertical	Pass
6	15946.200	53.06	0.95	74.0	-20.94	Peak	360.00	150	Vertical	Pass
6**	15946.200	44.82	0.95	54.0	-9.18	AV	360.00	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	1595.600	40.93	-17.23	74.0	-33.07	Peak	129.00	150	Horizontal	Pass
1**	1595.600	29.68	-17.23	54.0	-24.32	AV	129.00	150	Horizontal	Pass
2	2814.800	44.07	-9.85	74.0	-29.93	Peak	0.00	150	Horizontal	Pass
2**	2814.800	35.28	-9.85	54.0	-18.72	AV	0.00	150	Horizontal	Pass
3	4053.000	49.31	-3.87	74.0	-24.69	Peak	188.00	150	Horizontal	Pass
3**	4053.000	39.95	-3.87	54.0	-14.05	AV	188.00	150	Horizontal	Pass
4	5273.500	105.93	-1.80	--	-57.07	Peak	163.00	150	Horizontal	N/A
4**	5273.500	98.74	-1.80	--	98.74	AV	163.00	150	Horizontal	N/A
5	11985.487	52.61	-0.81	74.0	-21.39	Peak	211.00	150	Horizontal	Pass
5**	11985.487	44.20	-0.81	54.0	-9.80	AV	211.00	150	Horizontal	Pass
6	17813.363	49.73	-3.01	74.0	-24.27	Peak	94.00	150	Horizontal	Pass
6**	17813.363	40.65	-3.01	54.0	-13.35	AV	94.00	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	1592.900	41.46	-17.12	74.0	-32.54	Peak	57.00	150	Vertical	Pass
1**	1592.900	33.16	-17.12	54.0	-20.84	AV	57.00	150	Vertical	Pass
2	2818.000	44.33	-9.84	74.0	-29.67	Peak	93.00	150	Vertical	Pass
2**	2818.000	34.86	-9.84	54.0	-19.14	AV	93.00	150	Vertical	Pass
3	4124.500	49.29	-3.26	74.0	-24.71	Peak	12.00	150	Vertical	Pass
3**	4124.500	39.92	-3.26	54.0	-14.08	AV	12.00	150	Vertical	Pass
4	5273.000	98.60	-1.78	--	-50.40	Peak	149.00	150	Vertical	N/A
4**	5273.000	90.88	-1.78	--	90.88	AV	149.00	150	Vertical	N/A
5	11981.450	52.70	-0.81	74.0	-21.30	Peak	360.00	150	Vertical	Pass
5**	11981.450	44.02	-0.81	54.0	-9.98	AV	360.00	150	Vertical	Pass
6	17799.449	50.27	-2.62	74.0	-23.73	Peak	221.00	150	Vertical	Pass
6**	17799.449	41.75	-2.62	54.0	-12.25	AV	221.00	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	1592.800	41.25	-17.14	74.0	-32.75	Peak	125.00	150	Horizontal	Pass
1**	1592.800	30.70	-17.14	54.0	-23.30	AV	125.00	150	Horizontal	Pass
2	2800.500	44.00	-10.37	74.0	-30.00	Peak	112.00	150	Horizontal	Pass
2**	2800.500	35.14	-10.37	54.0	-18.86	AV	112.00	150	Horizontal	Pass
3	3848.250	49.60	-3.39	74.0	-24.40	Peak	202.00	150	Horizontal	Pass
3**	3848.250	40.22	-3.39	54.0	-13.78	AV	202.00	150	Horizontal	Pass
4	5312.750	106.41	-2.02	--	-46.59	Peak	153.00	150	Horizontal	N/A
4**	5312.750	98.87	-2.02	--	98.87	AV	153.00	150	Horizontal	N/A
5	11952.000	53.45	-0.82	74.0	-20.55	Peak	332.00	150	Horizontal	Pass
5**	11952.000	43.85	-0.82	54.0	-10.15	AV	332.00	150	Horizontal	Pass
6	17799.975	49.96	-2.60	74.0	-24.04	Peak	328.00	150	Horizontal	Pass
6**	17799.975	42.27	-2.60	54.0	-11.73	AV	328.00	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	1597.400	41.94	-17.23	74.0	-32.06	Peak	135.00	150	Vertical	Pass
1**	1597.400	29.38	-17.23	54.0	-24.62	AV	135.00	150	Vertical	Pass
2	2824.700	45.30	-9.88	74.0	-28.70	Peak	55.00	150	Vertical	Pass
2**	2824.700	34.91	-9.88	54.0	-19.09	AV	55.00	150	Vertical	Pass
3	3863.250	49.81	-3.69	74.0	-24.19	Peak	120.00	150	Vertical	Pass
3**	3863.250	39.86	-3.69	54.0	-14.14	AV	120.00	150	Vertical	Pass
4	5304.750	100.16	-1.95	--	-69.84	Peak	170.00	150	Vertical	N/A
4**	5304.750	92.76	-1.95	--	92.76	AV	170.00	150	Vertical	N/A
5	9462.525	52.02	-1.51	74.0	-21.98	Peak	240.00	150	Vertical	Pass
5**	9462.525	43.13	-1.51	54.0	-10.87	AV	240.00	150	Vertical	Pass
6	13373.700	54.47	1.58	74.0	-19.53	Peak	195.00	150	Vertical	Pass
6**	13373.700	44.70	1.58	54.0	-9.30	AV	195.00	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	1330.900	41.21	-17.12	74.0	-32.79	Peak	91.00	150	Horizontal	Pass
1**	1330.900	28.70	-17.12	54.0	-25.30	AV	91.00	150	Horizontal	Pass
2	2800.400	42.92	-10.39	74.0	-31.08	Peak	77.00	150	Horizontal	Pass
2**	2800.400	33.83	-10.39	54.0	-20.17	AV	77.00	150	Horizontal	Pass
3	3863.000	49.25	-3.68	74.0	-24.75	Peak	320.00	150	Horizontal	Pass
3**	3863.000	39.71	-3.68	54.0	-14.29	AV	320.00	150	Horizontal	Pass
4	5297.750	103.14	-1.98	--	-41.86	Peak	145.00	150	Horizontal	N/A
4**	5297.750	95.54	-1.98	--	95.54	AV	145.00	150	Horizontal	N/A
5	9445.900	51.44	-1.31	74.0	-22.56	Peak	318.00	150	Horizontal	Pass
5**	9445.900	42.23	-1.31	54.0	-11.77	AV	318.00	150	Horizontal	Pass
6	13385.250	53.27	1.51	74.0	-20.73	Peak	278.00	150	Horizontal	Pass
6**	13385.250	44.24	1.51	54.0	-9.76	AV	278.00	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	1592.700	41.18	-17.16	74.0	-32.82	Peak	158.00	150	Vertical	Pass
1**	1592.700	30.21	-17.16	54.0	-23.79	AV	158.00	150	Vertical	Pass
2	2801.600	42.42	-10.31	74.0	-31.58	Peak	10.00	150	Vertical	Pass
2**	2801.600	34.66	-10.31	54.0	-19.34	AV	10.00	150	Vertical	Pass
3	4286.000	49.89	-3.94	74.0	-24.11	Peak	0.00	150	Vertical	Pass
3**	4286.000	40.60	-3.94	54.0	-13.40	AV	0.00	150	Vertical	Pass
4	5287.000	95.58	-2.14	--	-20.42	Peak	116.00	150	Vertical	N/A
4**	5287.000	88.73	-2.14	--	88.73	AV	116.00	150	Vertical	N/A
5	9450.174	50.98	-1.32	74.0	-23.02	Peak	270.00	150	Vertical	Pass
5**	9450.174	42.89	-1.32	54.0	-11.11	AV	270.00	150	Vertical	Pass
6	13292.849	52.93	-0.00	74.0	-21.07	Peak	75.00	150	Vertical	Pass
6**	13292.849	42.10	-0.00	54.0	-11.90	AV	75.00	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	1596.800	41.73	-17.27	74.0	-32.27	Peak	94.00	150	Horizontal	Pass
1**	1596.800	30.13	-17.27	54.0	-23.87	AV	94.00	150	Horizontal	Pass
2	2806.200	44.23	-10.01	74.0	-29.77	Peak	88.00	150	Horizontal	Pass
2**	2806.200	34.97	-10.01	54.0	-19.03	AV	88.00	150	Horizontal	Pass
3	4191.250	49.31	-2.87	74.0	-24.69	Peak	33.00	150	Horizontal	Pass
3**	4191.250	40.10	-2.87	54.0	-13.90	AV	33.00	150	Horizontal	Pass
4	5499.000	109.60	-1.02	--	-21.40	Peak	131.00	150	Horizontal	N/A
4**	5499.000	102.78	-1.02	--	102.78	AV	131.00	150	Horizontal	N/A
5	11991.663	52.95	-0.80	74.0	-21.05	Peak	77.00	150	Horizontal	Pass
5**	11991.663	44.34	-0.80	54.0	-9.66	AV	77.00	150	Horizontal	Pass
6	17803.911	50.32	-2.72	74.0	-23.68	Peak	231.00	150	Horizontal	Pass
6**	17803.911	41.71	-2.72	54.0	-12.29	AV	231.00	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	1596.700	42.70	-17.27	74.0	-31.30	Peak	143.00	150	Vertical	Pass
1**	1596.700	30.82	-17.27	54.0	-23.18	AV	143.00	150	Vertical	Pass
2	2812.000	44.13	-9.81	74.0	-29.87	Peak	21.00	150	Vertical	Pass
2**	2812.000	35.90	-9.81	54.0	-18.10	AV	21.00	150	Vertical	Pass
3	4115.750	50.06	-3.62	74.0	-23.94	Peak	184.00	150	Vertical	Pass
3**	4115.750	40.09	-3.62	54.0	-13.91	AV	184.00	150	Vertical	Pass
4	5495.000	102.62	-0.84	--	-44.38	Peak	147.00	150	Vertical	N/A
4**	5495.000	94.73	-0.84	--	94.73	AV	147.00	150	Vertical	N/A
5	9488.412	52.13	-1.91	74.0	-21.87	Peak	0.00	150	Vertical	Pass
5**	9488.412	42.19	-1.91	54.0	-11.81	AV	0.00	150	Vertical	Pass
6	12505.375	53.18	-0.20	74.0	-20.82	Peak	96.00	150	Vertical	Pass
6**	12505.375	44.25	-0.20	54.0	-9.75	AV	96.00	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	1500.100	41.85	-17.15	74.0	-32.15	Peak	113.00	150	Horizontal	Pass
1**	1500.100	34.32	-17.15	54.0	-19.68	AV	113.00	150	Horizontal	Pass
2	2815.500	44.52	-9.89	74.0	-29.48	Peak	21.00	150	Horizontal	Pass
2**	2815.500	34.28	-9.89	54.0	-19.72	AV	21.00	150	Horizontal	Pass
3	4211.500	50.05	-3.73	74.0	-23.95	Peak	360.00	150	Horizontal	Pass
3**	4211.500	40.75	-3.73	54.0	-13.25	AV	360.00	150	Horizontal	Pass
4	5581.750	109.54	-1.08	--	-23.46	Peak	133.00	150	Horizontal	N/A
4**	5581.750	101.54	-1.08	--	101.54	AV	133.00	150	Horizontal	N/A
5	9470.363	52.10	-1.64	74.0	-21.90	Peak	327.00	150	Horizontal	Pass
5**	9470.363	43.03	-1.64	54.0	-10.97	AV	327.00	150	Horizontal	Pass
6	12490.888	53.28	-0.17	74.0	-20.72	Peak	185.00	150	Horizontal	Pass
6**	12490.888	44.16	-0.17	54.0	-9.84	AV	185.00	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	1594.900	40.41	-17.15	74.0	-33.59	Peak	44.00	150	Vertical	Pass
1**	1594.900	30.68	-17.15	54.0	-23.32	AV	44.00	150	Vertical	Pass
2	2799.400	44.75	-10.39	74.0	-29.25	Peak	25.00	150	Vertical	Pass
2**	2799.400	34.91	-10.39	54.0	-19.09	AV	25.00	150	Vertical	Pass
3	3880.750	49.12	-3.57	74.0	-24.88	Peak	306.00	150	Vertical	Pass
3**	3880.750	40.08	-3.57	54.0	-13.92	AV	306.00	150	Vertical	Pass
4	5574.000	101.29	-0.99	--	-43.71	Peak	145.00	150	Vertical	N/A
4**	5574.000	91.41	-0.99	--	91.41	AV	145.00	150	Vertical	N/A
5	11995.463	53.07	-0.80	74.0	-20.93	Peak	132.00	150	Vertical	Pass
5**	11995.463	44.37	-0.80	54.0	-9.63	AV	132.00	150	Vertical	Pass
6	17805.224	50.54	-2.76	74.0	-23.46	Peak	179.00	150	Vertical	Pass
6**	17805.224	41.99	-2.76	54.0	-12.01	AV	179.00	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	1561.000	40.03	-17.15	74.0	-33.97	Peak	111.00	150	Horizontal	Pass
1**	1561.000	29.55	-17.15	54.0	-24.45	AV	111.00	150	Horizontal	Pass
2	2812.700	44.79	-9.85	74.0	-29.21	Peak	271.00	150	Horizontal	Pass
2**	2812.700	35.36	-9.85	54.0	-18.64	AV	271.00	150	Horizontal	Pass
3	4004.500	49.53	-3.67	74.0	-24.47	Peak	20.00	150	Horizontal	Pass
3**	4004.500	39.99	-3.67	54.0	-14.01	AV	20.00	150	Horizontal	Pass
4	5698.750	108.61	-0.87	--	99.61	Peak	9.00	150	Horizontal	N/A
4**	5698.750	100.84	-0.87	--	100.84	AV	9.00	150	Horizontal	N/A
5	9465.850	51.65	-1.57	74.0	-22.35	Peak	151.00	150	Horizontal	Pass
5**	9465.850	42.33	-1.57	54.0	-11.67	AV	151.00	150	Horizontal	Pass
6	13358.213	54.59	1.67	74.0	-19.41	Peak	215.00	150	Horizontal	Pass
6**	13358.213	44.73	1.67	54.0	-9.27	AV	215.00	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	1331.000	41.62	-17.12	74.0	-32.38	Peak	100.00	150	Vertical	Pass
1**	1331.000	28.80	-17.12	54.0	-25.20	AV	100.00	150	Vertical	Pass
2	2824.200	44.33	-9.86	74.0	-29.67	Peak	223.00	150	Vertical	Pass
2**	2824.200	34.26	-9.86	54.0	-19.74	AV	223.00	150	Vertical	Pass
3	4203.000	49.64	-3.87	74.0	-24.36	Peak	246.00	150	Vertical	Pass
3**	4203.000	39.80	-3.87	54.0	-14.20	AV	246.00	150	Vertical	Pass
4	5706.750	98.93	-0.77	--	-185.07	Peak	284.00	150	Vertical	N/A
4**	5706.750	91.44	-0.77	--	91.44	AV	284.00	150	Vertical	N/A
5	9488.412	52.40	-1.91	74.0	-21.60	Peak	150.00	150	Vertical	Pass
5**	9488.412	43.60	-1.91	54.0	-10.40	AV	150.00	150	Vertical	Pass
6	12491.837	53.38	-0.16	74.0	-20.62	Peak	150.00	150	Vertical	Pass
6**	12491.837	43.73	-0.16	54.0	-10.27	AV	150.00	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	1545.400	40.68	-16.96	74.0	-33.32	Peak	108.00	150	Horizontal	Pass
1**	1545.400	31.04	-16.96	54.0	-22.96	AV	108.00	150	Horizontal	Pass
2	2805.700	44.14	-10.02	74.0	-29.86	Peak	39.00	150	Horizontal	Pass
2**	2805.700	35.49	-10.02	54.0	-18.51	AV	39.00	150	Horizontal	Pass
3	4139.250	49.92	-3.69	74.0	-24.08	Peak	360.00	150	Horizontal	Pass
3**	4139.250	40.37	-3.69	54.0	-13.63	AV	360.00	150	Horizontal	Pass
4	5501.250	109.58	-0.89	--	-36.42	Peak	146.00	150	Horizontal	N/A
4**	5501.250	102.01	-0.89	--	102.01	AV	146.00	150	Horizontal	N/A
5	9435.213	52.23	-1.28	74.0	-21.77	Peak	97.00	150	Horizontal	Pass
5**	9435.213	42.23	-1.28	54.0	-11.77	AV	97.00	150	Horizontal	Pass
6	17794.200	50.01	-2.85	74.0	-23.99	Peak	68.00	150	Horizontal	Pass
6**	17794.200	41.44	-2.85	54.0	-12.56	AV	68.00	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	1555.500	42.54	-17.40	74.0	-31.46	Peak	32.00	150	Vertical	Pass
1**	1555.500	29.38	-17.40	54.0	-24.62	AV	32.00	150	Vertical	Pass
2	2799.000	44.38	-10.39	74.0	-29.62	Peak	118.00	150	Vertical	Pass
2**	2799.000	34.87	-10.39	54.0	-19.13	AV	118.00	150	Vertical	Pass
3	4102.750	49.69	-3.80	74.0	-24.31	Peak	358.00	150	Vertical	Pass
3**	4102.750	39.55	-3.80	54.0	-14.45	AV	358.00	150	Vertical	Pass
4	5498.000	103.18	-1.07	--	-42.82	Peak	146.00	150	Vertical	N/A
4**	5498.000	94.70	-1.07	--	94.70	AV	146.00	150	Vertical	N/A
5	12000.925	53.19	-0.83	74.0	-20.81	Peak	292.00	150	Vertical	Pass
5**	12000.925	44.42	-0.83	54.0	-9.58	AV	292.00	150	Vertical	Pass
6	17806.801	50.68	-2.81	74.0	-23.32	Peak	323.00	150	Vertical	Pass
6**	17806.801	40.76	-2.81	54.0	-13.24	AV	323.00	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	1327.600	40.99	-17.09	74.0	-33.01	Peak	17.00	150	Horizontal	Pass
1**	1327.600	30.45	-17.09	54.0	-23.55	AV	17.00	150	Horizontal	Pass
2	2819.900	43.86	-9.89	74.0	-30.14	Peak	103.00	150	Horizontal	Pass
2**	2819.900	34.19	-9.89	54.0	-19.81	AV	103.00	150	Horizontal	Pass
3	4188.500	50.05	-3.04	74.0	-23.95	Peak	218.00	150	Horizontal	Pass
3**	4188.500	40.73	-3.04	54.0	-13.27	AV	218.00	150	Horizontal	Pass
4	5578.750	109.58	-0.82	--	88.58	Peak	21.00	150	Horizontal	N/A
4**	5578.750	101.51	-0.82	--	101.51	AV	21.00	150	Horizontal	N/A
5	12488.988	53.31	-0.19	74.0	-20.69	Peak	274.00	150	Horizontal	Pass
5**	12488.988	43.92	-0.19	54.0	-10.08	AV	274.00	150	Horizontal	Pass
6	17804.438	49.95	-2.73	74.0	-24.05	Peak	304.00	150	Horizontal	Pass
6**	17804.438	41.11	-2.73	54.0	-12.89	AV	304.00	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	1587.400	42.32	-17.17	74.0	-31.68	Peak	38.00	150	Vertical	Pass
1**	1587.400	28.65	-17.17	54.0	-25.35	AV	38.00	150	Vertical	Pass
2	2812.600	44.15	-9.84	74.0	-29.85	Peak	334.00	150	Vertical	Pass
2**	2812.600	36.21	-9.84	54.0	-17.79	AV	334.00	150	Vertical	Pass
3	4194.000	49.82	-3.22	74.0	-24.18	Peak	86.00	150	Vertical	Pass
3**	4194.000	40.35	-3.22	54.0	-13.65	AV	86.00	150	Vertical	Pass
4	5581.250	100.92	-0.99	--	-46.08	Peak	147.00	150	Vertical	N/A
4**	5581.250	92.84	-0.99	--	92.84	AV	147.00	150	Vertical	N/A
5	12500.862	53.52	-0.10	74.0	-20.48	Peak	256.00	150	Vertical	Pass
5**	12500.862	43.85	-0.10	54.0	-10.15	AV	256.00	150	Vertical	Pass
6	17810.999	50.64	-2.94	74.0	-23.36	Peak	360.00	150	Vertical	Pass
6**	17810.999	41.83	-2.94	54.0	-12.17	AV	360.00	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	1595.500	43.78	-17.22	74.0	-30.22	Peak	94.00	150	Horizontal	Pass
1**	1595.500	29.17	-17.22	54.0	-24.83	AV	94.00	150	Horizontal	Pass
2	2808.700	44.06	-9.93	74.0	-29.94	Peak	296.00	150	Horizontal	Pass
2**	2808.700	35.36	-9.93	54.0	-18.64	AV	296.00	150	Horizontal	Pass
3	4297.000	50.13	-3.68	74.0	-23.87	Peak	357.00	150	Horizontal	Pass
3**	4297.000	41.02	-3.68	54.0	-12.98	AV	357.00	150	Horizontal	Pass
4	5702.250	108.70	-0.92	--	-13.30	Peak	122.00	150	Horizontal	N/A
4**	5702.250	100.08	-0.92	--	100.08	AV	122.00	150	Horizontal	N/A
5	9463.238	51.95	-1.53	74.0	-22.05	Peak	8.00	150	Horizontal	Pass
5**	9463.238	42.88	-1.53	54.0	-11.12	AV	8.00	150	Horizontal	Pass
6	12499.675	53.71	-0.08	74.0	-20.29	Peak	186.00	150	Horizontal	Pass
6**	12499.675	43.88	-0.08	54.0	-10.12	AV	186.00	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	1566.100	41.19	-17.14	74.0	-32.81	Peak	130.00	150	Vertical	Pass
1**	1566.100	29.40	-17.14	54.0	-24.60	AV	130.00	150	Vertical	Pass
2	2817.700	44.12	-9.85	74.0	-29.88	Peak	179.00	150	Vertical	Pass
2**	2817.700	34.98	-9.85	54.0	-19.02	AV	179.00	150	Vertical	Pass
3	4182.750	49.91	-3.14	74.0	-24.09	Peak	71.00	150	Vertical	Pass
3**	4182.750	39.91	-3.14	54.0	-14.09	AV	71.00	150	Vertical	Pass
4	5698.750	98.90	-0.87	--	-183.10	Peak	282.00	150	Vertical	N/A
4**	5698.750	91.05	-0.87	--	91.05	AV	282.00	150	Vertical	N/A
5	13371.600	54.52	1.59	74.0	-19.48	Peak	178.00	150	Vertical	Pass
5**	13371.600	45.15	1.59	54.0	-8.85	AV	178.00	150	Vertical	Pass
6	17785.012	50.14	-3.25	74.0	-23.86	Peak	286.00	150	Vertical	Pass
6**	17785.012	41.23	-3.25	54.0	-12.77	AV	286.00	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	1332.700	41.19	-17.11	74.0	-32.81	Peak	98.00	150	Horizontal	Pass
1**	1332.700	28.62	-17.11	54.0	-25.38	AV	98.00	150	Horizontal	Pass
2	2801.500	44.80	-10.31	74.0	-29.20	Peak	318.00	150	Horizontal	Pass
2**	2801.500	34.65	-10.31	54.0	-19.35	AV	318.00	150	Horizontal	Pass
3	4128.250	49.43	-3.23	74.0	-24.57	Peak	120.00	150	Horizontal	Pass
3**	4128.250	40.02	-3.23	54.0	-13.98	AV	120.00	150	Horizontal	Pass
4	5519.000	106.02	-0.76	--	86.02	Peak	20.00	150	Horizontal	N/A
4**	5519.000	98.73	-0.76	--	98.73	AV	20.00	150	Horizontal	N/A
5	9481.763	51.61	-1.81	74.0	-22.39	Peak	221.00	150	Horizontal	Pass
5**	9481.763	43.57	-1.81	54.0	-10.43	AV	221.00	150	Horizontal	Pass
6	13339.050	53.89	1.35	74.0	-20.11	Peak	339.00	150	Horizontal	Pass
6**	13339.050	45.08	1.35	54.0	-8.92	AV	339.00	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	1595.600	42.05	-17.23	74.0	-31.95	Peak	52.00	150	Vertical	Pass
1**	1595.600	31.89	-17.23	54.0	-22.11	AV	52.00	150	Vertical	Pass
2	2790.500	44.45	-10.43	74.0	-29.55	Peak	278.00	150	Vertical	Pass
2**	2790.500	34.71	-10.43	54.0	-19.29	AV	278.00	150	Vertical	Pass
3	4186.250	49.51	-2.77	74.0	-24.49	Peak	169.00	150	Vertical	Pass
3**	4186.250	40.74	-2.77	54.0	-13.26	AV	169.00	150	Vertical	Pass
4	5519.750	100.23	-0.65	--	-43.77	Peak	144.00	150	Vertical	N/A
4**	5519.750	91.26	-0.65	--	91.26	AV	144.00	150	Vertical	N/A
5	11965.300	52.73	-0.82	74.0	-21.27	Peak	310.00	150	Vertical	Pass
5**	11965.300	43.60	-0.82	54.0	-10.40	AV	310.00	150	Vertical	Pass
6	17784.224	50.17	-3.28	74.0	-23.83	Peak	197.00	150	Vertical	Pass
6**	17784.224	41.69	-3.28	54.0	-12.31	AV	197.00	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	1562.400	40.23	-17.27	74.0	-33.77	Peak	94.00	150	Horizontal	Pass
1**	1562.400	30.09	-17.27	54.0	-23.91	AV	94.00	150	Horizontal	Pass
2	2792.500	43.82	-10.41	74.0	-30.18	Peak	316.00	150	Horizontal	Pass
2**	2792.500	35.24	-10.41	54.0	-18.76	AV	316.00	150	Horizontal	Pass
3	4208.000	49.44	-3.64	74.0	-24.56	Peak	264.00	150	Horizontal	Pass
3**	4208.000	40.51	-3.64	54.0	-13.49	AV	264.00	150	Horizontal	Pass
4	5581.000	106.02	-0.96	--	-21.98	Peak	128.00	150	Horizontal	N/A
4**	5581.000	98.21	-0.96	--	98.21	AV	128.00	150	Horizontal	N/A
5	11994.750	52.97	-0.80	74.0	-21.03	Peak	300.00	150	Horizontal	Pass
5**	11994.750	44.31	-0.80	54.0	-9.69	AV	300.00	150	Horizontal	Pass
6	17787.113	50.32	-3.15	74.0	-23.68	Peak	56.00	150	Horizontal	Pass
6**	17787.113	40.98	-3.15	54.0	-13.02	AV	56.00	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	1560.300	41.11	-17.13	74.0	-32.89	Peak	41.00	150	Vertical	Pass
1**	1560.300	30.39	-17.13	54.0	-23.61	AV	41.00	150	Vertical	Pass
2	2804.200	43.96	-10.31	74.0	-30.04	Peak	4.00	150	Vertical	Pass
2**	2804.200	35.36	-10.31	54.0	-18.64	AV	4.00	150	Vertical	Pass
3	4140.000	49.74	-3.86	74.0	-24.26	Peak	231.00	150	Vertical	Pass
3**	4140.000	39.72	-3.86	54.0	-14.28	AV	231.00	150	Vertical	Pass
4	5595.500	97.71	-1.03	--	-47.29	Peak	145.00	150	Vertical	N/A
4**	5595.500	90.78	-1.03	--	90.78	AV	145.00	150	Vertical	N/A
5	9440.437	52.80	-1.29	74.0	-21.20	Peak	345.00	150	Vertical	Pass
5**	9440.437	42.88	-1.29	54.0	-11.12	AV	345.00	150	Vertical	Pass
6	12506.325	55.03	-0.23	74.0	-18.97	Peak	168.00	150	Vertical	Pass
6**	12506.325	43.71	-0.23	54.0	-10.29	AV	168.00	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	1571.900	41.47	-17.12	74.0	-32.53	Peak	114.00	150	Horizontal	Pass
1**	1571.900	29.30	-17.12	54.0	-24.70	AV	114.00	150	Horizontal	Pass
2	2824.300	43.89	-9.87	74.0	-30.11	Peak	258.00	150	Horizontal	Pass
2**	2824.300	35.21	-9.87	54.0	-18.79	AV	258.00	150	Horizontal	Pass
3	3985.750	49.30	-3.52	74.0	-24.70	Peak	338.00	150	Horizontal	Pass
3**	3985.750	39.83	-3.52	54.0	-14.17	AV	338.00	150	Horizontal	Pass
4	5665.750	106.01	-0.96	--	-20.99	Peak	127.00	150	Horizontal	N/A
4**	5665.750	97.36	-0.96	--	97.36	AV	127.00	150	Horizontal	N/A
5	9483.662	51.98	-1.84	74.0	-22.02	Peak	360.00	150	Horizontal	Pass
5**	9483.662	42.49	-1.84	54.0	-11.51	AV	360.00	150	Horizontal	Pass
6	12670.437	53.15	-0.43	74.0	-20.85	Peak	67.00	150	Horizontal	Pass
6**	12670.437	43.41	-0.43	54.0	-10.59	AV	67.00	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	1548.400	41.09	-17.21	74.0	-32.91	Peak	51.00	150	Vertical	Pass
1**	1548.400	29.86	-17.21	54.0	-24.14	AV	51.00	150	Vertical	Pass
2	2786.500	44.39	-10.35	74.0	-29.61	Peak	8.00	150	Vertical	Pass
2**	2786.500	34.86	-10.35	54.0	-19.14	AV	8.00	150	Vertical	Pass
3	4144.750	49.77	-3.94	74.0	-24.23	Peak	40.00	150	Vertical	Pass
3**	4144.750	39.53	-3.94	54.0	-14.47	AV	40.00	150	Vertical	Pass
4	5665.250	97.76	-0.94	--	-30.24	Peak	128.00	150	Vertical	N/A
4**	5665.250	90.05	-0.94	--	90.05	AV	128.00	150	Vertical	N/A
5	9442.575	51.48	-1.30	74.0	-22.52	Peak	122.00	150	Vertical	Pass
5**	9442.575	42.74	-1.30	54.0	-11.26	AV	122.00	150	Vertical	Pass
6	13393.125	54.04	1.47	74.0	-19.96	Peak	218.00	150	Vertical	Pass
6**	13393.125	44.47	1.47	54.0	-9.53	AV	218.00	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	1552.600	40.57	-17.22	74.0	-33.43	Peak	119.00	150	Horizontal	Pass
1**	1552.600	30.38	-17.22	54.0	-23.62	AV	119.00	150	Horizontal	Pass
2	2792.000	44.10	-10.43	74.0	-29.90	Peak	156.00	150	Horizontal	Pass
2**	2792.000	34.81	-10.43	54.0	-19.19	AV	156.00	150	Horizontal	Pass
3	4191.500	49.71	-2.88	74.0	-24.29	Peak	81.00	150	Horizontal	Pass
3**	4191.500	40.43	-2.88	54.0	-13.57	AV	81.00	150	Horizontal	Pass
4	5499.250	109.27	-1.04	--	-43.73	Peak	153.00	150	Horizontal	N/A
4**	5499.250	102.29	-1.04	--	102.29	AV	153.00	150	Horizontal	N/A
5	9450.888	51.77	-1.34	74.0	-22.23	Peak	264.00	150	Horizontal	Pass
5**	9450.888	43.15	-1.34	54.0	-10.85	AV	264.00	150	Horizontal	Pass
6	17788.426	50.92	-3.10	74.0	-23.08	Peak	61.00	150	Horizontal	Pass
6**	17788.426	42.28	-3.10	54.0	-11.72	AV	61.00	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	1593.300	41.48	-17.12	74.0	-32.52	Peak	153.00	150	Vertical	Pass
1**	1593.300	31.43	-17.12	54.0	-22.57	AV	153.00	150	Vertical	Pass
2	2851.900	44.52	-10.12	74.0	-29.48	Peak	195.00	150	Vertical	Pass
2**	2851.900	34.17	-10.12	54.0	-19.83	AV	195.00	150	Vertical	Pass
3	3841.750	49.49	-4.01	74.0	-24.51	Peak	226.00	150	Vertical	Pass
3**	3841.750	39.20	-4.01	54.0	-14.80	AV	226.00	150	Vertical	Pass
4	5498.250	102.64	-1.04	--	-24.36	Peak	127.00	150	Vertical	N/A
4**	5498.250	94.05	-1.04	--	94.05	AV	127.00	150	Vertical	N/A
5	9442.338	52.49	-1.30	74.0	-21.51	Peak	145.00	150	Vertical	Pass
5**	9442.338	42.90	-1.30	54.0	-11.10	AV	145.00	150	Vertical	Pass
6	13358.737	54.44	1.67	74.0	-19.56	Peak	212.00	150	Vertical	Pass
6**	13358.737	45.12	1.67	54.0	-8.88	AV	212.00	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	1569.200	40.29	-17.04	74.0	-33.71	Peak	113.00	150	Horizontal	Pass
1**	1569.200	29.49	-17.04	54.0	-24.51	AV	113.00	150	Horizontal	Pass
2	2805.700	44.43	-10.02	74.0	-29.57	Peak	332.00	150	Horizontal	Pass
2**	2805.700	34.99	-10.02	54.0	-19.01	AV	332.00	150	Horizontal	Pass
3	3850.250	50.22	-3.60	74.0	-23.78	Peak	265.00	150	Horizontal	Pass
3**	3850.250	41.10	-3.60	54.0	-12.90	AV	265.00	150	Horizontal	Pass
4	5578.000	108.97	-0.74	--	-15.03	Peak	124.00	150	Horizontal	N/A
4**	5578.000	101.51	-0.74	--	101.51	AV	124.00	150	Horizontal	N/A
5	11970.288	53.27	-0.81	74.0	-20.73	Peak	181.00	150	Horizontal	Pass
5**	11970.288	43.33	-0.81	54.0	-10.67	AV	181.00	150	Horizontal	Pass
6	17813.363	50.66	-3.01	74.0	-23.34	Peak	154.00	150	Horizontal	Pass
6**	17813.363	40.59	-3.01	54.0	-13.41	AV	154.00	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	1553.900	41.98	-17.23	74.0	-32.02	Peak	44.00	150	Vertical	Pass
1**	1553.900	29.49	-17.23	54.0	-24.51	AV	44.00	150	Vertical	Pass
2	2818.300	45.42	-9.84	74.0	-28.58	Peak	93.00	150	Vertical	Pass
2**	2818.300	35.60	-9.84	54.0	-18.40	AV	93.00	150	Vertical	Pass
3	3921.000	49.53	-3.61	74.0	-24.47	Peak	253.00	150	Vertical	Pass
3**	3921.000	39.67	-3.61	54.0	-14.33	AV	253.00	150	Vertical	Pass
4	5579.000	100.55	-0.82	--	-27.45	Peak	128.00	150	Vertical	N/A
4**	5579.000	93.95	-0.82	--	93.95	AV	128.00	150	Vertical	N/A
5	9489.599	51.99	-1.93	74.0	-22.01	Peak	0.00	150	Vertical	Pass
5**	9489.599	42.95	-1.93	54.0	-11.05	AV	0.00	150	Vertical	Pass
6	17799.449	50.95	-2.62	74.0	-23.05	Peak	0.00	150	Vertical	Pass
6**	17799.449	41.62	-2.62	54.0	-12.38	AV	0.00	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	1329.100	40.99	-16.97	74.0	-33.01	Peak	0.00	150	Horizontal	Pass
1**	1329.100	34.01	-16.97	54.0	-19.99	AV	0.00	150	Horizontal	Pass
2	2821.700	44.43	-9.89	74.0	-29.57	Peak	229.00	150	Horizontal	Pass
2**	2821.700	34.55	-9.89	54.0	-19.45	AV	229.00	150	Horizontal	Pass
3	4004.000	49.38	-3.65	74.0	-24.62	Peak	168.00	150	Horizontal	Pass
3**	4004.000	39.53	-3.65	54.0	-14.47	AV	168.00	150	Horizontal	Pass
4	5699.500	108.52	-0.92	--	-18.48	Peak	127.00	150	Horizontal	N/A
4**	5699.500	101.06	-0.92	--	101.06	AV	127.00	150	Horizontal	N/A
5	11957.937	54.37	-0.82	74.0	-19.63	Peak	38.00	150	Horizontal	Pass
5**	11957.937	43.51	-0.82	54.0	-10.49	AV	38.00	150	Horizontal	Pass
6	17943.824	50.24	-3.02	74.0	-23.76	Peak	0.00	150	Horizontal	Pass
6**	17943.824	40.50	-3.02	54.0	-13.50	AV	0.00	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	1559.400	41.43	-17.19	74.0	-32.57	Peak	52.00	150	Vertical	Pass
1**	1559.400	30.30	-17.19	54.0	-23.70	AV	52.00	150	Vertical	Pass
2	2831.900	44.32	-10.26	74.0	-29.68	Peak	337.00	150	Vertical	Pass
2**	2831.900	35.05	-10.26	54.0	-18.95	AV	337.00	150	Vertical	Pass
3	3854.500	49.11	-3.43	74.0	-24.89	Peak	14.00	150	Vertical	Pass
3**	3854.500	40.27	-3.43	54.0	-13.73	AV	14.00	150	Vertical	Pass
4	5701.500	99.12	-0.88	--	-165.88	Peak	265.00	150	Vertical	N/A
4**	5701.500	91.34	-0.88	--	91.34	AV	265.00	150	Vertical	N/A
5	11931.813	52.98	-0.90	74.0	-21.02	Peak	223.00	150	Vertical	Pass
5**	11931.813	43.75	-0.90	54.0	-10.25	AV	223.00	150	Vertical	Pass
6	17799.449	49.90	-2.62	74.0	-24.10	Peak	322.00	150	Vertical	Pass
6**	17799.449	41.50	-2.62	54.0	-12.50	AV	322.00	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	1593.000	40.20	-17.10	74.0	-33.80	Peak	102.00	150	Horizontal	Pass
1**	1593.000	32.83	-17.10	54.0	-21.17	AV	102.00	150	Horizontal	Pass
2	2812.800	44.34	-9.86	74.0	-29.66	Peak	64.00	150	Horizontal	Pass
2**	2812.800	34.66	-9.86	54.0	-19.34	AV	64.00	150	Horizontal	Pass
3	4124.750	49.92	-3.22	74.0	-24.08	Peak	360.00	150	Horizontal	Pass
3**	4124.750	40.04	-3.22	54.0	-13.96	AV	360.00	150	Horizontal	Pass
4	5512.500	105.95	-0.77	--	102.95	Peak	3.00	150	Horizontal	N/A
4**	5512.500	98.30	-0.77	--	98.30	AV	3.00	150	Horizontal	N/A
5	12500.150	53.03	-0.08	74.0	-20.97	Peak	223.00	150	Horizontal	Pass
5**	12500.150	43.45	-0.08	54.0	-10.55	AV	223.00	150	Horizontal	Pass
6	17797.614	50.24	-2.70	74.0	-23.76	Peak	176.00	150	Horizontal	Pass
6**	17797.614	41.95	-2.70	54.0	-12.05	AV	176.00	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	1595.000	41.70	-17.16	74.0	-32.30	Peak	360.00	150	Vertical	Pass
1**	1595.000	29.73	-17.16	54.0	-24.27	AV	360.00	150	Vertical	Pass
2	2814.300	43.92	-9.86	74.0	-30.08	Peak	349.00	150	Vertical	Pass
2**	2814.300	34.56	-9.86	54.0	-19.44	AV	349.00	150	Vertical	Pass
3	4010.000	49.52	-3.84	74.0	-24.48	Peak	31.00	150	Vertical	Pass
3**	4010.000	39.54	-3.84	54.0	-14.46	AV	31.00	150	Vertical	Pass
4	5521.500	99.41	-0.55	--	-33.59	Peak	133.00	150	Vertical	N/A
4**	5521.500	91.01	-0.55	--	91.01	AV	133.00	150	Vertical	N/A
5	11930.387	52.78	-0.90	74.0	-21.22	Peak	149.00	150	Vertical	Pass
5**	11930.387	43.85	-0.90	54.0	-10.15	AV	149.00	150	Vertical	Pass
6	17944.613	50.01	-3.01	74.0	-23.99	Peak	0.00	150	Vertical	Pass
6**	17944.613	40.83	-3.01	54.0	-13.17	AV	0.00	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	1332.000	40.96	-17.18	74.0	-33.04	Peak	13.00	150	Horizontal	Pass
1**	1332.000	29.00	-17.18	54.0	-25.00	AV	13.00	150	Horizontal	Pass
2	2777.000	44.35	-10.40	74.0	-29.65	Peak	255.00	150	Horizontal	Pass
2**	2777.000	35.05	-10.40	54.0	-18.95	AV	255.00	150	Horizontal	Pass
3	4139.000	49.05	-3.69	74.0	-24.95	Peak	255.00	150	Horizontal	Pass
3**	4139.000	40.54	-3.69	54.0	-13.46	AV	255.00	150	Horizontal	Pass
4	5587.500	106.21	-1.22	--	-32.79	Peak	139.00	150	Horizontal	N/A
4**	5587.500	98.44	-1.22	--	98.44	AV	139.00	150	Horizontal	N/A
5	11909.963	53.27	-0.98	74.0	-20.73	Peak	76.00	150	Horizontal	Pass
5**	11909.963	43.86	-0.98	54.0	-10.14	AV	76.00	150	Horizontal	Pass
6	17804.175	50.06	-2.73	74.0	-23.94	Peak	109.00	150	Horizontal	Pass
6**	17804.175	41.67	-2.73	54.0	-12.33	AV	109.00	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	1553.900	42.22	-17.23	74.0	-31.78	Peak	44.00	150	Vertical	Pass
1**	1553.900	31.88	-17.23	54.0	-22.12	AV	44.00	150	Vertical	Pass
2	2841.200	44.31	-10.35	74.0	-29.69	Peak	79.00	150	Vertical	Pass
2**	2841.200	34.30	-10.35	54.0	-19.70	AV	79.00	150	Vertical	Pass
3	4110.250	49.44	-3.84	74.0	-24.56	Peak	172.00	150	Vertical	Pass
3**	4110.250	38.91	-3.84	54.0	-15.09	AV	172.00	150	Vertical	Pass
4	5591.750	97.76	-1.37	--	-45.24	Peak	143.00	150	Vertical	N/A
4**	5591.750	90.22	-1.37	--	90.22	AV	143.00	150	Vertical	N/A
5	11956.513	52.82	-0.82	74.0	-21.18	Peak	75.00	150	Vertical	Pass
5**	11956.513	44.51	-0.82	54.0	-9.49	AV	75.00	150	Vertical	Pass
6	17803.125	50.04	-2.69	74.0	-23.96	Peak	133.00	150	Vertical	Pass
6**	17803.125	41.30	-2.69	54.0	-12.70	AV	133.00	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	1595.000	40.26	-17.16	74.0	-33.74	Peak	124.00	150	Horizontal	Pass
1**	1595.000	29.17	-17.16	54.0	-24.83	AV	124.00	150	Horizontal	Pass
2	2818.500	44.12	-9.85	74.0	-29.88	Peak	350.00	150	Horizontal	Pass
2**	2818.500	34.52	-9.85	54.0	-19.48	AV	350.00	150	Horizontal	Pass
3	3985.500	49.83	-3.50	74.0	-24.17	Peak	25.00	150	Horizontal	Pass
3**	3985.500	39.34	-3.50	54.0	-14.66	AV	25.00	150	Horizontal	Pass
4	5662.000	105.62	-1.23	--	-35.38	Peak	141.00	150	Horizontal	N/A
4**	5662.000	97.39	-1.23	--	97.39	AV	141.00	150	Horizontal	N/A
5	11989.049	52.71	-0.81	74.0	-21.29	Peak	360.00	150	Horizontal	Pass
5**	11989.049	43.79	-0.81	54.0	-10.21	AV	360.00	150	Horizontal	Pass
6	17798.400	50.01	-2.66	74.0	-23.99	Peak	360.00	150	Horizontal	Pass
6**	17798.400	41.29	-2.66	54.0	-12.71	AV	360.00	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	1331.400	42.32	-17.13	74.0	-31.68	Peak	79.00	150	Vertical	Pass
1**	1331.400	28.62	-17.13	54.0	-25.38	AV	79.00	150	Vertical	Pass
2	2804.400	44.31	-10.27	74.0	-29.69	Peak	147.00	150	Vertical	Pass
2**	2804.400	34.90	-10.27	54.0	-19.10	AV	147.00	150	Vertical	Pass
3	3908.000	49.74	-3.76	74.0	-24.26	Peak	184.00	150	Vertical	Pass
3**	3908.000	39.17	-3.76	54.0	-14.83	AV	184.00	150	Vertical	Pass
4	5664.000	96.31	-1.08	--	-175.69	Peak	272.00	150	Vertical	N/A
4**	5664.000	88.41	-1.08	--	88.41	AV	272.00	150	Vertical	N/A
5	11972.425	52.49	-0.81	74.0	-21.51	Peak	320.00	150	Vertical	Pass
5**	11972.425	43.32	-0.81	54.0	-10.68	AV	320.00	150	Vertical	Pass
6	17801.812	49.60	-2.65	74.0	-24.40	Peak	107.00	150	Vertical	Pass
6**	17801.812	41.61	-2.65	54.0	-12.39	AV	107.00	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	1569.600	40.96	-16.99	74.0	-33.04	Peak	109.00	150	Horizontal	Pass
1**	1569.600	30.02	-16.99	54.0	-23.98	AV	109.00	150	Horizontal	Pass
2	2827.200	44.04	-10.08	74.0	-29.96	Peak	84.00	150	Horizontal	Pass
2**	2827.200	34.46	-10.08	54.0	-19.54	AV	84.00	150	Horizontal	Pass
3	3981.500	50.57	-3.59	74.0	-23.43	Peak	360.00	150	Horizontal	Pass
3**	3981.500	40.83	-3.59	54.0	-13.17	AV	360.00	150	Horizontal	Pass
4	5535.250	103.72	-0.85	--	-37.28	Peak	141.00	150	Horizontal	N/A
4**	5535.250	95.19	-0.85	--	95.19	AV	141.00	150	Horizontal	N/A
5	12490.174	52.97	-0.18	74.0	-21.03	Peak	298.00	150	Horizontal	Pass
5**	12490.174	44.17	-0.18	54.0	-9.83	AV	298.00	150	Horizontal	Pass
6	17806.012	50.73	-2.78	74.0	-23.27	Peak	214.00	150	Horizontal	Pass
6**	17806.012	41.85	-2.78	54.0	-12.15	AV	214.00	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	1593.900	41.72	-17.13	74.0	-32.28	Peak	88.00	150	Vertical	Pass
1**	1593.900	31.07	-17.13	54.0	-22.93	AV	88.00	150	Vertical	Pass
2	2769.000	44.16	-10.79	74.0	-29.84	Peak	250.00	150	Vertical	Pass
2**	2769.000	35.06	-10.79	54.0	-18.94	AV	250.00	150	Vertical	Pass
3	3881.500	49.53	-3.65	74.0	-24.47	Peak	171.00	150	Vertical	Pass
3**	3881.500	40.23	-3.65	54.0	-13.77	AV	171.00	150	Vertical	Pass
4	5528.750	97.13	-0.66	--	-43.87	Peak	141.00	150	Vertical	N/A
4**	5528.750	90.30	-0.66	--	90.30	AV	141.00	150	Vertical	N/A
5	11952.950	53.01	-0.82	74.0	-20.99	Peak	43.00	150	Vertical	Pass
5**	11952.950	44.61	-0.82	54.0	-9.39	AV	43.00	150	Vertical	Pass
6	17832.262	49.67	-3.60	74.0	-24.33	Peak	259.00	150	Vertical	Pass
6**	17832.262	40.20	-3.60	54.0	-13.80	AV	259.00	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	1548.800	40.78	-17.23	74.0	-33.22	Peak	106.00	150	Horizontal	Pass
1**	1548.800	33.40	-17.23	54.0	-20.60	AV	106.00	150	Horizontal	Pass
2	2793.800	45.34	-10.42	74.0	-28.66	Peak	146.00	150	Horizontal	Pass
2**	2793.800	34.79	-10.42	54.0	-19.21	AV	146.00	150	Horizontal	Pass
3	4142.750	49.84	-3.93	74.0	-24.16	Peak	120.00	150	Horizontal	Pass
3**	4142.750	39.06	-3.93	54.0	-14.94	AV	120.00	150	Horizontal	Pass
4	5617.500	103.06	-0.81	--	-30.94	Peak	134.00	150	Horizontal	N/A
4**	5617.500	96.56	-0.81	--	96.56	AV	134.00	150	Horizontal	N/A
5	11989.287	52.37	-0.81	74.0	-21.63	Peak	281.00	150	Horizontal	Pass
5**	11989.287	44.38	-0.81	54.0	-9.62	AV	281.00	150	Horizontal	Pass
6	17801.288	50.37	-2.64	74.0	-23.63	Peak	143.00	150	Horizontal	Pass
6**	17801.288	41.19	-2.64	54.0	-12.81	AV	143.00	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	1560.300	44.94	-17.13	74.0	-29.06	Peak	48.00	150	Vertical	Pass
1**	1560.300	32.43	-17.13	54.0	-21.57	AV	48.00	150	Vertical	Pass
2	2836.100	44.43	-10.41	74.0	-29.57	Peak	118.00	150	Vertical	Pass
2**	2836.100	34.49	-10.41	54.0	-19.51	AV	118.00	150	Vertical	Pass
3	3902.000	50.23	-3.62	74.0	-23.77	Peak	329.00	150	Vertical	Pass
3**	3902.000	40.23	-3.62	54.0	-13.77	AV	329.00	150	Vertical	Pass
4	5602.250	95.71	-0.90	--	-48.29	Peak	144.00	150	Vertical	N/A
4**	5602.250	86.50	-0.90	--	86.50	AV	144.00	150	Vertical	N/A
5	11993.088	52.90	-0.80	74.0	-21.10	Peak	158.00	150	Vertical	Pass
5**	11993.088	43.88	-0.80	54.0	-10.12	AV	158.00	150	Vertical	Pass
6	17800.761	49.84	-2.62	74.0	-24.16	Peak	228.00	150	Vertical	Pass
6**	17800.761	41.85	-2.62	54.0	-12.15	AV	228.00	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	1569.300	41.29	-17.03	74.0	-32.71	Peak	88.00	100	Horizontal	Pass
1**	1569.300	30.45	-17.03	54.0	-23.55	AV	88.00	100	Horizontal	Pass
2	3707.750	48.70	-4.55	74.0	-25.30	Peak	108.00	100	Horizontal	Pass
2**	3707.750	39.18	-4.55	54.0	-14.82	AV	108.00	100	Horizontal	Pass
3	5746.750	107.54	-1.31	--	-12.46	Peak	120.00	100	Horizontal	Pass
3**	5746.750	99.66	-1.31	--	99.66	AV	120.00	100	Horizontal	N/A
4	8261.963	49.14	-3.58	74.0	-24.86	Peak	185.00	100	Horizontal	Pass
4**	8261.963	40.28	-3.58	54.0	-13.72	AV	185.00	100	Horizontal	Pass
5	11961.026	52.91	-0.82	74.0	-21.09	Peak	328.00	100	Horizontal	Pass
5**	11961.026	44.05	-0.82	54.0	-9.95	AV	328.00	100	Horizontal	Pass
6	15581.850	49.12	-3.83	74.0	-24.88	Peak	304.00	100	Horizontal	Pass
6**	15581.850	39.93	-3.83	54.0	-14.07	AV	304.00	100	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	1596.500	41.13	-17.28	74.0	-32.87	Peak	142.00	150	Vertical	Pass
1**	1596.500	29.78	-17.28	54.0	-24.22	AV	142.00	150	Vertical	Pass
2	3894.500	49.22	-3.68	74.0	-24.78	Peak	83.00	150	Vertical	Pass
2**	3894.500	40.46	-3.68	54.0	-13.54	AV	83.00	150	Vertical	Pass
3	5743.750	97.77	-1.25	--	-183.23	Peak	281.00	150	Vertical	N/A
3**	5743.750	91.01	-1.25	--	91.01	AV	281.00	150	Vertical	N/A
4	8125.400	49.80	-3.04	74.0	-24.20	Peak	0.00	150	Vertical	Pass
4**	8125.400	39.72	-3.04	54.0	-14.28	AV	0.00	150	Vertical	Pass
5	11959.838	53.12	-0.82	74.0	-20.88	Peak	96.00	150	Vertical	Pass
5**	11959.838	44.09	-0.82	54.0	-9.91	AV	96.00	150	Vertical	Pass
6	15997.388	49.17	-3.36	74.0	-24.83	Peak	251.00	150	Vertical	Pass
6**	15997.388	40.03	-3.36	54.0	-13.97	AV	251.00	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	1502.200	40.47	-17.36	74.0	-33.53	Peak	87.00	150	Horizontal	Pass
1**	1502.200	33.33	-17.36	54.0	-20.67	AV	87.00	150	Horizontal	Pass
2	3894.500	49.43	-3.68	74.0	-24.57	Peak	162.00	150	Horizontal	Pass
2**	3894.500	40.22	-3.68	54.0	-13.78	AV	162.00	150	Horizontal	Pass
3	5786.500	106.28	-1.20	--	-17.72	Peak	124.00	150	Horizontal	N/A
3**	5786.500	98.85	-1.20	--	98.85	AV	124.00	150	Horizontal	N/A
4	8154.138	49.41	-2.68	74.0	-24.59	Peak	345.00	150	Horizontal	Pass
4**	8154.138	39.57	-2.68	54.0	-14.43	AV	345.00	150	Horizontal	Pass
5	11985.724	52.89	-0.81	74.0	-21.11	Peak	360.00	150	Horizontal	Pass
5**	11985.724	43.85	-0.81	54.0	-10.15	AV	360.00	150	Horizontal	Pass
6	15966.675	50.20	-3.10	74.0	-23.80	Peak	142.00	150	Horizontal	Pass
6**	15966.675	40.63	-3.10	54.0	-13.37	AV	142.00	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	1331.100	42.53	-17.11	74.0	-31.47	Peak	100.00	150	Vertical	Pass
1**	1331.100	29.48	-17.11	54.0	-24.52	AV	100.00	150	Vertical	Pass
2	2808.900	44.53	-9.98	74.0	-29.47	Peak	8.00	150	Vertical	Pass
2**	2808.900	34.73	-9.98	54.0	-19.27	AV	8.00	150	Vertical	Pass
3	4184.000	49.24	-2.98	74.0	-24.76	Peak	208.00	150	Vertical	Pass
3**	4184.000	39.97	-2.98	54.0	-14.03	AV	208.00	150	Vertical	Pass
4	5786.000	97.16	-1.19	--	-135.84	Peak	233.00	150	Vertical	N/A
4**	5786.000	89.33	-1.19	--	89.33	AV	233.00	150	Vertical	N/A
5	8297.825	49.50	-3.29	74.0	-24.50	Peak	253.00	150	Vertical	Pass
5**	8297.825	40.18	-3.29	54.0	-13.82	AV	253.00	150	Vertical	Pass
6	11931.813	53.03	-0.90	74.0	-20.97	Peak	253.00	150	Vertical	Pass
6**	11931.813	43.61	-0.90	54.0	-10.39	AV	253.00	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	1571.700	40.73	-17.15	74.0	-33.27	Peak	108.00	150	Horizontal	Pass
1**	1571.700	30.85	-17.15	54.0	-23.15	AV	108.00	150	Horizontal	Pass
2	2809.100	43.99	-10.02	74.0	-30.01	Peak	272.00	150	Horizontal	Pass
2**	2809.100	35.57	-10.02	54.0	-18.43	AV	272.00	150	Horizontal	Pass
3	4185.750	49.50	-2.83	74.0	-24.50	Peak	100.00	150	Horizontal	Pass
3**	4185.750	40.09	-2.83	54.0	-13.91	AV	100.00	150	Horizontal	Pass
4	5826.500	106.37	-1.25	--	-32.63	Peak	139.00	150	Horizontal	N/A
4**	5826.500	98.49	-1.25	--	98.49	AV	139.00	150	Horizontal	N/A
5	8294.974	48.97	-3.29	74.0	-25.03	Peak	34.00	150	Horizontal	Pass
5**	8294.974	40.31	-3.29	54.0	-13.69	AV	34.00	150	Horizontal	Pass
6	12000.925	52.22	-0.83	74.0	-21.78	Peak	235.00	150	Horizontal	Pass
6**	12000.925	43.67	-0.83	54.0	-10.33	AV	235.00	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	1331.800	42.34	-17.16	74.0	-31.66	Peak	112.00	150	Vertical	Pass
1**	1331.800	28.44	-17.16	54.0	-25.56	AV	112.00	150	Vertical	Pass
2	3898.000	49.23	-3.78	74.0	-24.77	Peak	121.00	150	Vertical	Pass
2**	3898.000	39.53	-3.78	54.0	-14.47	AV	121.00	150	Vertical	Pass
3	5826.500	96.20	-1.25	--	-174.80	Peak	271.00	150	Vertical	N/A
3**	5826.500	88.38	-1.25	--	88.38	AV	271.00	150	Vertical	N/A
4	8377.625	49.03	-3.42	74.0	-24.97	Peak	257.00	150	Vertical	Pass
4**	8377.625	39.62	-3.42	54.0	-14.38	AV	257.00	150	Vertical	Pass
5	11969.338	52.88	-0.81	74.0	-21.12	Peak	205.00	150	Vertical	Pass
5**	11969.338	43.93	-0.81	54.0	-10.07	AV	205.00	150	Vertical	Pass
6	15962.213	49.54	-3.06	74.0	-24.46	Peak	196.00	150	Vertical	Pass
6**	15962.213	39.96	-3.06	54.0	-14.04	AV	196.00	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	1551.800	41.42	-17.15	74.0	-32.58	Peak	105.00	150	Horizontal	Pass
1**	1551.800	29.46	-17.15	54.0	-24.54	AV	105.00	150	Horizontal	Pass
2	3983.500	49.87	-3.45	74.0	-24.13	Peak	72.00	150	Horizontal	Pass
2**	3983.500	40.01	-3.45	54.0	-13.99	AV	72.00	150	Horizontal	Pass
3	5746.250	106.75	-1.20	--	-28.25	Peak	135.00	150	Horizontal	N/A
3**	5746.250	99.90	-1.20	--	99.90	AV	135.00	150	Horizontal	N/A
4	8134.663	49.38	-2.93	74.0	-24.62	Peak	218.00	150	Horizontal	Pass
4**	8134.663	39.99	-2.93	54.0	-14.01	AV	218.00	150	Horizontal	Pass
5	12008.050	52.52	-1.02	74.0	-21.48	Peak	146.00	150	Horizontal	Pass
5**	12008.050	43.33	-1.02	54.0	-10.67	AV	146.00	150	Horizontal	Pass
6	17814.411	51.07	-3.04	74.0	-22.93	Peak	292.00	150	Horizontal	Pass
6**	17814.411	40.94	-3.04	54.0	-13.06	AV	292.00	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	1329.300	45.59	-16.97	74.0	-28.41	Peak	90.00	150	Vertical	Pass
1**	1329.300	28.99	-16.97	54.0	-25.01	AV	90.00	150	Vertical	Pass
2	3773.750	50.17	-3.80	74.0	-23.83	Peak	221.00	150	Vertical	Pass
2**	3773.750	40.53	-3.80	54.0	-13.47	AV	221.00	150	Vertical	Pass
3	5744.000	97.93	-1.29	--	-173.07	Peak	271.00	150	Vertical	N/A
3**	5744.000	90.88	-1.29	--	90.88	AV	271.00	150	Vertical	N/A
4	8059.375	50.66	-2.38	74.0	-23.34	Peak	309.00	150	Vertical	Pass
4**	8059.375	40.04	-2.38	54.0	-13.96	AV	309.00	150	Vertical	Pass
5	11955.088	52.96	-0.82	74.0	-21.04	Peak	183.00	150	Vertical	Pass
5**	11955.088	43.73	-0.82	54.0	-10.27	AV	183.00	150	Vertical	Pass
6	15963.000	49.22	-3.07	74.0	-24.78	Peak	325.00	150	Vertical	Pass
6**	15963.000	40.38	-3.07	54.0	-13.62	AV	325.00	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	1330.900	41.79	-17.12	74.0	-32.21	Peak	97.00	150	Horizontal	Pass
1**	1330.900	28.66	-17.12	54.0	-25.34	AV	97.00	150	Horizontal	Pass
2	3907.750	48.50	-3.74	74.0	-25.50	Peak	360.00	150	Horizontal	Pass
2**	3907.750	40.27	-3.74	54.0	-13.73	AV	360.00	150	Horizontal	Pass
3	5786.750	106.23	-1.21	--	-21.77	Peak	128.00	150	Horizontal	N/A
3**	5786.750	98.22	-1.21	--	98.22	AV	128.00	150	Horizontal	N/A
4	8098.800	50.06	-2.90	74.0	-23.94	Peak	176.00	150	Horizontal	Pass
4**	8098.800	39.86	-2.90	54.0	-14.14	AV	176.00	150	Horizontal	Pass
5	11941.550	52.94	-0.86	74.0	-21.06	Peak	287.00	150	Horizontal	Pass
5**	11941.550	43.45	-0.86	54.0	-10.55	AV	287.00	150	Horizontal	Pass
6	17941.199	49.76	-3.07	74.0	-24.24	Peak	72.00	150	Horizontal	Pass
6**	17941.199	40.03	-3.07	54.0	-13.97	AV	72.00	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	1564.500	43.00	-17.22	74.0	-31.00	Peak	44.00	150	Vertical	Pass
1**	1564.500	32.27	-17.22	54.0	-21.73	AV	44.00	150	Vertical	Pass
2	3900.000	49.28	-3.59	74.0	-24.72	Peak	360.00	150	Vertical	Pass
2**	3900.000	39.66	-3.59	54.0	-14.34	AV	360.00	150	Vertical	Pass
3	5788.750	96.39	-1.21	--	-177.61	Peak	274.00	150	Vertical	N/A
3**	5788.750	88.20	-1.21	--	88.20	AV	274.00	150	Vertical	N/A
4	8103.075	49.87	-2.86	74.0	-24.13	Peak	252.00	150	Vertical	Pass
4**	8103.075	40.91	-2.86	54.0	-13.09	AV	252.00	150	Vertical	Pass
5	11990.713	52.42	-0.80	74.0	-21.58	Peak	107.00	150	Vertical	Pass
5**	11990.713	43.90	-0.80	54.0	-10.10	AV	107.00	150	Vertical	Pass
6	15565.312	49.59	-3.57	74.0	-24.41	Peak	312.00	150	Vertical	Pass
6**	15565.312	40.29	-3.57	54.0	-13.71	AV	312.00	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	1331.900	40.70	-17.17	74.0	-33.30	Peak	357.00	150	Horizontal	Pass
1**	1331.900	28.55	-17.17	54.0	-25.45	AV	357.00	150	Horizontal	Pass
2	3887.500	49.96	-3.64	74.0	-24.04	Peak	83.00	150	Horizontal	Pass
2**	3887.500	39.85	-3.64	54.0	-14.15	AV	83.00	150	Horizontal	Pass
3	5826.500	105.28	-1.25	--	-26.72	Peak	132.00	150	Horizontal	N/A
3**	5826.500	97.18	-1.25	--	97.18	AV	132.00	150	Horizontal	N/A
4	8073.388	50.86	-2.25	74.0	-23.14	Peak	0.00	150	Horizontal	Pass
4**	8073.388	40.71	-2.25	54.0	-13.29	AV	0.00	150	Horizontal	Pass
5	11909.963	52.88	-0.98	74.0	-21.12	Peak	292.00	150	Horizontal	Pass
5**	11909.963	43.11	-0.98	54.0	-10.89	AV	292.00	150	Horizontal	Pass
6	17769.261	50.04	-3.93	74.0	-23.96	Peak	90.00	150	Horizontal	Pass
6**	17769.261	40.85	-3.93	54.0	-13.15	AV	90.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.100	43.30	-17.10	74.0	-30.70	Peak	88.00	150	Vertical	Pass
1**	1330.100	28.80	-17.10	54.0	-25.20	AV	88.00	150	Vertical	Pass
2	3872.500	49.59	-3.63	74.0	-24.41	Peak	59.00	150	Vertical	Pass
2**	3872.500	39.59	-3.63	54.0	-14.41	AV	59.00	150	Vertical	Pass
3	5823.250	95.05	-1.43	--	-152.95	Peak	248.00	150	Vertical	N/A
3**	5823.250	88.21	-1.43	--	88.21	AV	248.00	150	Vertical	N/A
4	8136.563	49.82	-2.93	74.0	-24.18	Peak	0.00	150	Vertical	Pass
4**	8136.563	40.17	-2.93	54.0	-13.83	AV	0.00	150	Vertical	Pass
5	11996.888	53.93	-0.80	74.0	-20.07	Peak	90.00	150	Vertical	Pass
5**	11996.888	43.60	-0.80	54.0	-10.40	AV	90.00	150	Vertical	Pass
6	15984.263	49.60	-3.25	74.0	-24.40	Peak	33.00	150	Vertical	Pass
6**	15984.263	40.86	-3.25	54.0	-13.14	AV	33.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.000	39.61	-17.13	74.0	-34.39	Peak	106.00	150	Horizontal	Pass
1**	1533.000	28.72	-17.13	54.0	-25.28	AV	106.00	150	Horizontal	Pass
2	4143.000	50.02	-3.94	74.0	-23.98	Peak	151.00	150	Horizontal	Pass
2**	4143.000	40.72	-3.94	54.0	-13.28	AV	151.00	150	Horizontal	Pass
3	5744.750	104.24	-1.30	--	-21.76	Peak	126.00	150	Horizontal	N/A
3**	5744.750	96.70	-1.30	--	96.70	AV	126.00	150	Horizontal	N/A
4	8074.100	49.56	-2.14	74.0	-24.44	Peak	254.00	150	Horizontal	Pass
4**	8074.100	40.92	-2.14	54.0	-13.08	AV	254.00	150	Horizontal	Pass
5	11996.650	53.14	-0.80	74.0	-20.86	Peak	199.00	150	Horizontal	Pass
5**	11996.650	43.94	-0.80	54.0	-10.06	AV	199.00	150	Horizontal	Pass
6	17816.513	50.56	-3.11	74.0	-23.44	Peak	266.00	150	Horizontal	Pass
6**	17816.513	40.71	-3.11	54.0	-13.29	AV	266.00	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	1557.300	43.11	-17.17	74.0	-30.89	Peak	37.00	150	Vertical	Pass
1**	1557.300	30.65	-17.17	54.0	-23.35	AV	37.00	150	Vertical	Pass
2	3998.000	49.79	-3.67	74.0	-24.21	Peak	260.00	150	Vertical	Pass
2**	3998.000	40.15	-3.67	54.0	-13.85	AV	260.00	150	Vertical	Pass
3	5750.750	94.26	-1.25	--	-153.74	Peak	248.00	150	Vertical	N/A
3**	5750.750	86.63	-1.25	--	86.63	AV	248.00	150	Vertical	N/A
4	8280.013	48.62	-3.94	74.0	-25.38	Peak	360.00	150	Vertical	Pass
4**	8280.013	39.05	-3.94	54.0	-14.95	AV	360.00	150	Vertical	Pass
5	11991.900	52.92	-0.80	74.0	-21.08	Peak	77.00	150	Vertical	Pass
5**	11991.900	44.79	-0.80	54.0	-9.21	AV	77.00	150	Vertical	Pass
6	15599.438	50.23	-4.10	74.0	-23.77	Peak	360.00	150	Vertical	Pass
6**	15599.438	39.84	-4.10	54.0	-14.16	AV	360.00	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	1559.400	39.22	-17.19	74.0	-34.78	Peak	158.00	150	Horizontal	Pass
1**	1559.400	29.51	-17.19	54.0	-24.49	AV	158.00	150	Horizontal	Pass
2	3891.250	49.39	-3.74	74.0	-24.61	Peak	163.00	150	Horizontal	Pass
2**	3891.250	39.72	-3.74	54.0	-14.28	AV	163.00	150	Horizontal	Pass
3	5792.250	103.22	-1.15	--	-33.78	Peak	137.00	150	Horizontal	N/A
3**	5792.250	95.79	-1.15	--	95.79	AV	137.00	150	Horizontal	N/A
4	8204.963	49.22	-2.96	74.0	-24.78	Peak	255.00	150	Horizontal	Pass
4**	8204.963	40.01	-2.96	54.0	-13.99	AV	255.00	150	Horizontal	Pass
5	11944.401	52.90	-0.84	74.0	-21.10	Peak	110.00	150	Horizontal	Pass
5**	11944.401	43.18	-0.84	54.0	-10.82	AV	110.00	150	Horizontal	Pass
6	17800.499	50.18	-2.61	74.0	-23.82	Peak	298.00	150	Horizontal	Pass
6**	17800.499	42.45	-2.61	54.0	-11.55	AV	298.00	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	1331.700	42.36	-17.15	74.0	-31.64	Peak	95.00	150	Vertical	Pass
1**	1331.700	28.75	-17.15	54.0	-25.25	AV	95.00	150	Vertical	Pass
2	3857.000	50.56	-3.51	74.0	-23.44	Peak	324.00	150	Vertical	Pass
2**	3857.000	40.39	-3.51	54.0	-13.61	AV	324.00	150	Vertical	Pass
3	5791.500	93.42	-1.19	--	-154.58	Peak	248.00	150	Vertical	N/A
3**	5791.500	86.27	-1.19	--	86.27	AV	248.00	150	Vertical	N/A
4	8058.662	49.81	-2.37	74.0	-24.19	Peak	216.00	150	Vertical	Pass
4**	8058.662	41.01	-2.37	54.0	-12.99	AV	216.00	150	Vertical	Pass
5	11959.838	52.44	-0.82	74.0	-21.56	Peak	124.00	150	Vertical	Pass
5**	11959.838	43.66	-0.82	54.0	-10.34	AV	124.00	150	Vertical	Pass
6	17788.948	50.26	-3.07	74.0	-23.74	Peak	257.00	150	Vertical	Pass
6**	17788.948	42.29	-3.07	54.0	-11.71	AV	257.00	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	1551.900	41.75	-17.16	74.0	-32.25	Peak	101.00	150	Horizontal	Pass
1**	1551.900	29.35	-17.16	54.0	-24.65	AV	101.00	150	Horizontal	Pass
2	3830.000	50.27	-4.32	74.0	-23.73	Peak	36.00	150	Horizontal	Pass
2**	3830.000	40.20	-4.32	54.0	-13.80	AV	36.00	150	Horizontal	Pass
3	5746.250	107.26	-1.20	--	8.26	Peak	99.00	150	Horizontal	N/A
3**	5746.250	100.49	-1.20	--	100.49	AV	99.00	150	Horizontal	N/A
4	8209.475	49.26	-3.24	74.0	-24.74	Peak	181.00	150	Horizontal	Pass
4**	8209.475	39.33	-3.24	54.0	-14.67	AV	181.00	150	Horizontal	Pass
5	11997.600	52.36	-0.80	74.0	-21.64	Peak	72.00	150	Horizontal	Pass
5**	11997.600	44.07	-0.80	54.0	-9.93	AV	72.00	150	Horizontal	Pass
6	17794.724	50.16	-2.82	74.0	-23.84	Peak	247.00	150	Horizontal	Pass
6**	17794.724	41.18	-2.82	54.0	-12.82	AV	247.00	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	1332.500	42.27	-17.14	74.0	-31.73	Peak	82.00	150	Vertical	Pass
1**	1332.500	30.87	-17.14	54.0	-23.13	AV	82.00	150	Vertical	Pass
2	4131.000	50.43	-3.41	74.0	-23.57	Peak	60.00	150	Vertical	Pass
2**	4131.000	40.21	-3.41	54.0	-13.79	AV	60.00	150	Vertical	Pass
3	5743.250	97.54	-1.22	--	-177.46	Peak	275.00	150	Vertical	N/A
3**	5743.250	89.86	-1.22	--	89.86	AV	275.00	150	Vertical	N/A
4	8084.075	49.88	-2.56	74.0	-24.12	Peak	345.00	150	Vertical	Pass
4**	8084.075	40.51	-2.56	54.0	-13.49	AV	345.00	150	Vertical	Pass
5	12014.224	52.89	-1.20	74.0	-21.11	Peak	233.00	150	Vertical	Pass
5**	12014.224	43.68	-1.20	54.0	-10.32	AV	233.00	150	Vertical	Pass
6	15967.725	49.94	-3.11	74.0	-24.06	Peak	280.00	150	Vertical	Pass
6**	15967.725	40.42	-3.11	54.0	-13.58	AV	280.00	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	1331.200	40.39	-17.11	74.0	-33.61	Peak	0.00	150	Horizontal	Pass
1**	1331.200	30.29	-17.11	54.0	-23.71	AV	0.00	150	Horizontal	Pass
2	3902.000	49.46	-3.62	74.0	-24.54	Peak	37.00	150	Horizontal	Pass
2**	3902.000	39.94	-3.62	54.0	-14.06	AV	37.00	150	Horizontal	Pass
3	5787.000	106.02	-1.23	--	-18.98	Peak	125.00	150	Horizontal	N/A
3**	5787.000	97.71	-1.23	--	97.71	AV	125.00	150	Horizontal	N/A
4	8281.912	49.56	-3.54	74.0	-24.44	Peak	233.00	150	Horizontal	Pass
4**	8281.912	39.50	-3.54	54.0	-14.50	AV	233.00	150	Horizontal	Pass
5	11291.750	52.86	-1.00	74.0	-21.14	Peak	0.00	150	Horizontal	Pass
5**	11291.750	42.98	-1.00	54.0	-11.02	AV	0.00	150	Horizontal	Pass
6	17767.162	50.87	-4.02	74.0	-23.13	Peak	352.00	150	Horizontal	Pass
6**	17767.162	41.19	-4.02	54.0	-12.81	AV	352.00	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	1327.100	42.74	-17.09	74.0	-31.26	Peak	253.00	150	Vertical	Pass
1**	1327.100	28.15	-17.09	54.0	-25.85	AV	253.00	150	Vertical	Pass
2	2763.800	44.37	-11.17	74.0	-29.63	Peak	183.00	150	Vertical	Pass
2**	2763.800	34.76	-11.17	54.0	-19.24	AV	183.00	150	Vertical	Pass
3	4183.000	49.36	-3.10	74.0	-24.64	Peak	61.00	150	Vertical	Pass
3**	4183.000	40.26	-3.10	54.0	-13.74	AV	61.00	150	Vertical	Pass
4	5786.250	95.89	-1.19	--	-141.11	Peak	237.00	150	Vertical	N/A
4**	5786.250	89.68	-1.19	--	89.68	AV	237.00	150	Vertical	N/A
5	8058.900	50.52	-2.36	74.0	-23.48	Peak	360.00	150	Vertical	Pass
5**	8058.900	40.33	-2.36	54.0	-13.67	AV	360.00	150	Vertical	Pass
6	10985.850	52.22	-1.97	74.0	-21.78	Peak	157.00	150	Vertical	Pass
6**	10985.850	42.12	-1.97	54.0	-11.88	AV	157.00	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	1593.300	42.65	-17.12	74.0	-31.35	Peak	158.00	150	Horizontal	Pass
1**	1593.300	31.18	-17.12	54.0	-22.82	AV	158.00	150	Horizontal	Pass
2	4006.500	49.31	-3.71	74.0	-24.69	Peak	301.00	150	Horizontal	Pass
2**	4006.500	39.40	-3.71	54.0	-14.60	AV	301.00	150	Horizontal	Pass
3	5823.250	104.93	-1.43	--	-18.07	Peak	123.00	150	Horizontal	N/A
3**	5823.250	97.26	-1.43	--	97.26	AV	123.00	150	Horizontal	N/A
4	8176.462	48.69	-2.74	74.0	-25.31	Peak	12.00	150	Horizontal	Pass
4**	8176.462	38.65	-2.74	54.0	-15.35	AV	12.00	150	Horizontal	Pass
5	11956.513	53.96	-0.82	74.0	-20.04	Peak	30.00	150	Horizontal	Pass
5**	11956.513	43.73	-0.82	54.0	-10.27	AV	30.00	150	Horizontal	Pass
6	17799.188	50.35	-2.63	74.0	-23.65	Peak	111.00	150	Horizontal	Pass
6**	17799.188	41.73	-2.63	54.0	-12.27	AV	111.00	S	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	1567.100	42.05	-17.24	74.0	-31.95	Peak	43.00	150	Vertical	Pass
1**	1567.100	32.04	-17.24	54.0	-21.96	AV	43.00	150	Vertical	Pass
2	3997.000	49.62	-3.63	74.0	-24.38	Peak	360.00	150	Vertical	Pass
2**	3997.000	39.98	-3.63	54.0	-14.02	AV	360.00	150	Vertical	Pass
3	5824.250	96.00	-1.35	--	-162.00	Peak	258.00	150	Vertical	N/A
3**	5824.250	88.18	-1.35	--	88.18	AV	258.00	150	Vertical	N/A
4	8067.212	50.00	-2.30	74.0	-24.00	Peak	293.00	150	Vertical	Pass
4**	8067.212	40.59	-2.30	54.0	-13.41	AV	293.00	150	Vertical	Pass
5	11301.012	52.69	-0.92	74.0	-21.31	Peak	257.00	150	Vertical	Pass
5**	11301.012	43.40	-0.92	54.0	-10.60	AV	257.00	150	Vertical	Pass
6	17769.787	49.93	-3.91	74.0	-24.07	Peak	194.00	150	Vertical	Pass
6**	17769.787	40.77	-3.91	54.0	-13.23	AV	194.00	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	1330.500	43.26	-17.15	74.0	-30.74	Peak	6.00	150	Horizontal	Pass
1**	1330.500	29.00	-17.15	54.0	-25.00	AV	6.00	150	Horizontal	Pass
2	3989.250	49.83	-3.45	74.0	-24.17	Peak	174.00	150	Horizontal	Pass
2**	3989.250	39.92	-3.45	54.0	-14.08	AV	174.00	150	Horizontal	Pass
3	5752.500	103.32	-1.24	--	-19.68	Peak	123.00	150	Horizontal	N/A
3**	5752.500	95.88	-1.24	--	95.88	AV	123.00	150	Horizontal	N/A
4	8104.737	49.11	-3.07	74.0	-24.89	Peak	158.00	150	Horizontal	Pass
4**	8104.737	41.15	-3.07	54.0	-12.85	AV	158.00	150	Horizontal	Pass
5	12003.537	52.77	-0.90	74.0	-21.23	Peak	177.00	150	Horizontal	Pass
5**	12003.537	43.80	-0.90	54.0	-10.20	AV	177.00	150	Horizontal	Pass
6	17868.489	49.65	-4.05	74.0	-24.35	Peak	238.00	150	Horizontal	Pass
6**	17868.489	40.13	-4.05	54.0	-13.87	AV	238.00	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	1330.600	42.64	-17.14	74.0	-31.36	Peak	76.00	150	Vertical	Pass
1**	1330.600	28.64	-17.14	54.0	-25.36	AV	76.00	150	Vertical	Pass
2	2817.700	44.31	-9.85	74.0	-29.69	Peak	277.00	150	Vertical	Pass
2**	2817.700	34.52	-9.85	54.0	-19.48	AV	277.00	150	Vertical	Pass
3	5760.250	94.75	-0.98	--	-168.25	Peak	263.00	150	Vertical	N/A
3**	5760.250	87.32	-0.98	--	87.32	AV	263.00	150	Vertical	N/A
4	8072.912	49.79	-2.15	74.0	-24.21	Peak	54.00	150	Vertical	Pass
4**	8072.912	40.86	-2.15	54.0	-13.14	AV	54.00	150	Vertical	Pass
5	11927.537	52.92	-0.91	74.0	-21.08	Peak	109.00	150	Vertical	Pass
5**	11927.537	42.82	-0.91	54.0	-11.18	AV	109.00	150	Vertical	Pass
6	17968.239	49.35	-3.56	74.0	-24.65	Peak	341.00	150	Vertical	Pass
6**	17968.239	39.04	-3.56	54.0	-14.96	AV	341.00	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	1327.900	42.09	-17.07	74.0	-31.91	Peak	11.00	150	Horizontal	Pass
1**	1327.900	29.45	-17.07	54.0	-24.55	AV	11.00	150	Horizontal	Pass
2	4007.250	48.49	-3.75	74.0	-25.51	Peak	327.00	150	Horizontal	Pass
2**	4007.250	39.62	-3.75	54.0	-14.38	AV	327.00	150	Horizontal	Pass
3	5798.750	102.97	-1.30	--	-32.03	Peak	135.00	150	Horizontal	N/A
3**	5798.750	95.73	-1.30	--	95.73	AV	135.00	150	Horizontal	N/A
4	8068.163	49.63	-2.06	74.0	-24.37	Peak	105.00	150	Horizontal	Pass
4**	8068.163	40.96	-2.06	54.0	-13.04	AV	105.00	150	Horizontal	Pass
5	11954.612	52.67	-0.82	74.0	-21.33	Peak	326.00	150	Horizontal	Pass
5**	11954.612	43.62	-0.82	54.0	-10.38	AV	326.00	150	Horizontal	Pass
6	17814.411	50.61	-3.04	74.0	-23.39	Peak	165.00	150	Horizontal	Pass
6**	17814.411	40.98	-3.04	54.0	-13.02	AV	165.00	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	1332.900	45.21	-17.09	74.0	-28.79	Peak	86.00	150	Vertical	Pass
1**	1332.900	28.59	-17.09	54.0	-25.41	AV	86.00	150	Vertical	Pass
2	3929.250	49.39	-4.21	74.0	-24.61	Peak	99.00	150	Vertical	Pass
2**	3929.250	39.34	-4.21	54.0	-14.66	AV	99.00	150	Vertical	Pass
3	5792.750	92.85	-1.10	--	-171.15	Peak	264.00	150	Vertical	N/A
3**	5792.750	85.88	-1.10	--	85.88	AV	264.00	150	Vertical	N/A
4	8420.375	49.90	-3.68	74.0	-24.10	Peak	360.00	150	Vertical	Pass
4**	8420.375	38.94	-3.68	54.0	-15.06	AV	360.00	150	Vertical	Pass
5	12008.762	52.72	-1.04	74.0	-21.28	Peak	254.00	150	Vertical	Pass
5**	12008.762	43.06	-1.04	54.0	-10.94	AV	254.00	150	Vertical	Pass
6	15740.662	49.99	-3.34	74.0	-24.01	Peak	181.00	150	Vertical	Pass
6**	15740.662	40.67	-3.34	54.0	-13.33	AV	181.00	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	1331.300	41.62	-17.12	74.0	-32.38	Peak	11.00	150	Horizontal	Pass
1**	1331.300	30.13	-17.12	54.0	-23.87	AV	11.00	150	Horizontal	Pass
2	2762.600	43.75	-11.04	74.0	-30.25	Peak	85.00	150	Horizontal	Pass
2**	2762.600	33.87	-11.04	54.0	-20.13	AV	85.00	150	Horizontal	Pass
3	4140.000	49.56	-3.86	74.0	-24.44	Peak	0.00	150	Horizontal	Pass
3**	4140.000	39.89	-3.86	54.0	-14.11	AV	0.00	150	Horizontal	Pass
4	5769.500	100.79	-0.86	--	-36.21	Peak	137.00	150	Horizontal	N/A
4**	5769.500	92.83	-0.86	--	92.83	AV	137.00	150	Horizontal	N/A
5	12502.525	53.52	-0.14	74.0	-20.48	Peak	322.00	150	Horizontal	Pass
5**	12502.525	44.58	-0.14	54.0	-9.42	AV	322.00	150	Horizontal	Pass
6	17803.911	50.11	-2.72	74.0	-23.89	Peak	227.00	150	Horizontal	Pass
6**	17803.911	41.25	-2.72	54.0	-12.75	AV	227.00	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	1593.000	42.36	-17.10	74.0	-31.64	Peak	48.00	150	Vertical	Pass
1**	1593.000	29.71	-17.10	54.0	-24.29	AV	48.00	150	Vertical	Pass
2	2815.100	45.20	-9.86	74.0	-28.80	Peak	92.00	150	Vertical	Pass
2**	2815.100	34.85	-9.86	54.0	-19.15	AV	92.00	150	Vertical	Pass
3	4128.000	49.31	-3.24	74.0	-24.69	Peak	98.00	150	Vertical	Pass
3**	4128.000	40.09	-3.24	54.0	-13.91	AV	98.00	150	Vertical	Pass
4	5776.750	90.89	-0.97	--	-168.11	Peak	259.00	150	Vertical	N/A
4**	5776.750	82.91	-0.97	--	82.91	AV	259.00	150	Vertical	N/A
5	11956.750	52.43	-0.82	74.0	-21.57	Peak	0.00	150	Vertical	Pass
5**	11956.750	43.23	-0.82	54.0	-10.77	AV	0.00	150	Vertical	Pass
6	17801.026	50.55	-2.63	74.0	-23.45	Peak	196.00	150	Vertical	Pass
6**	17801.026	41.47	-2.63	54.0	-12.53	AV	196.00	150	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

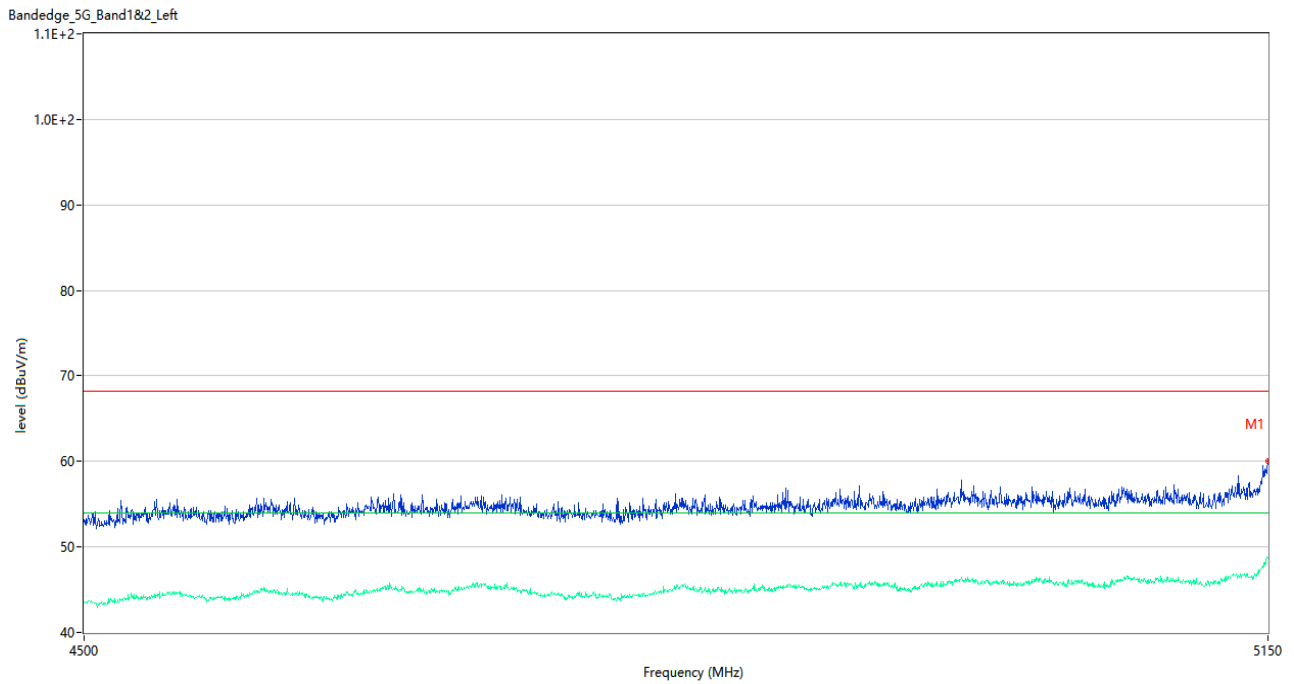
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)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



	802.11ac(VHT80)	Middle	Pass
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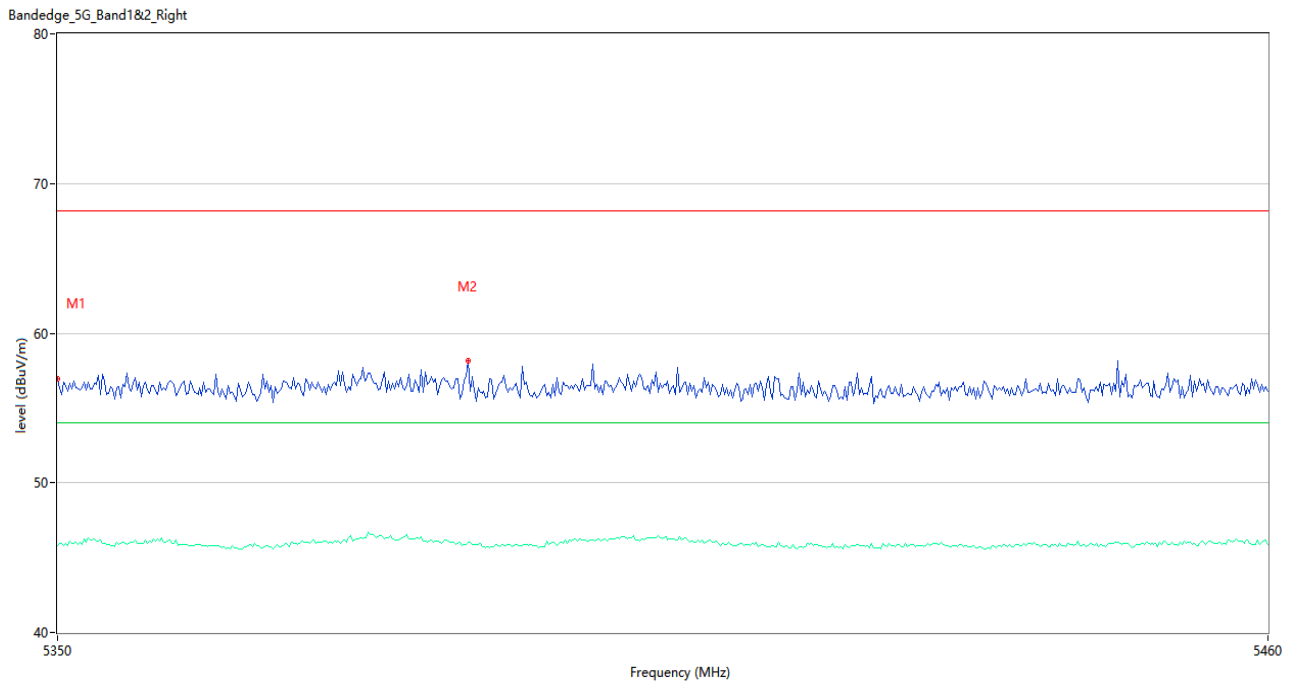
Test Plots

U-NII-1 11a CH36



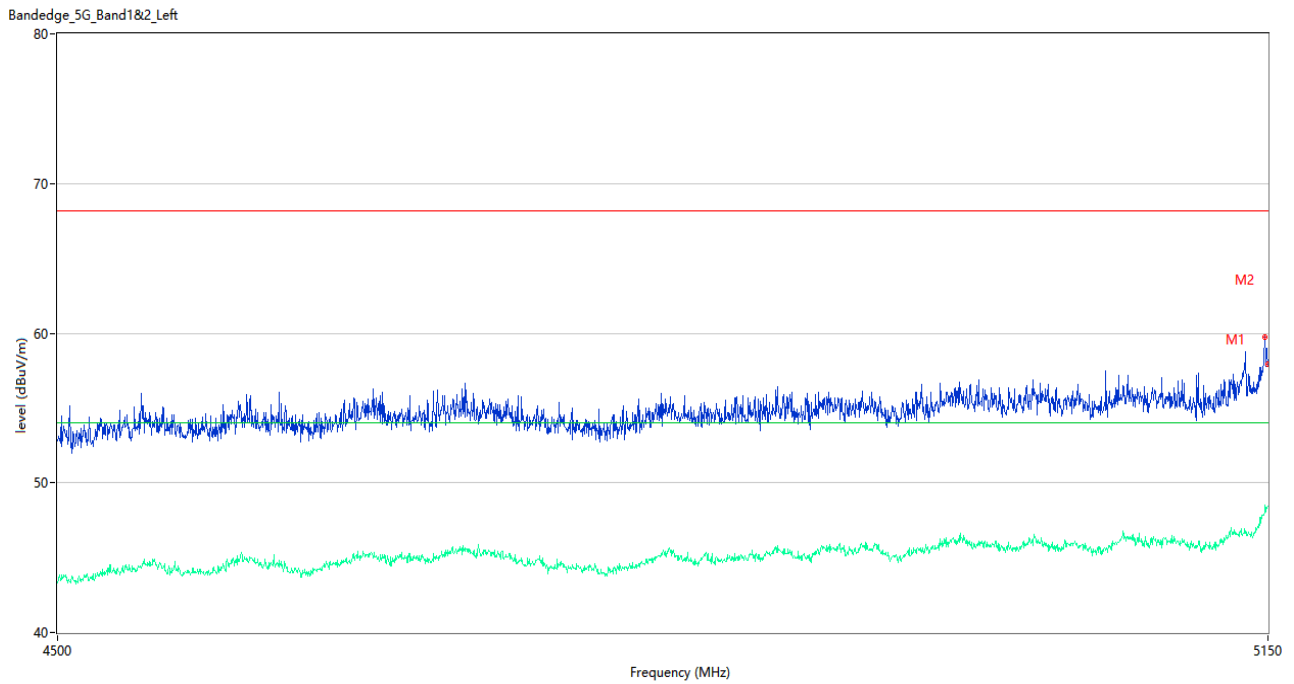
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	59.98	4.71	68.2	-8.22	Peak	7.00	150	Horizontal	Pass
1**	5150.000	48.64	4.71	54.0	-5.36	AV	7.00	150	Horizontal	Pass

U-NII-1 11a CH48



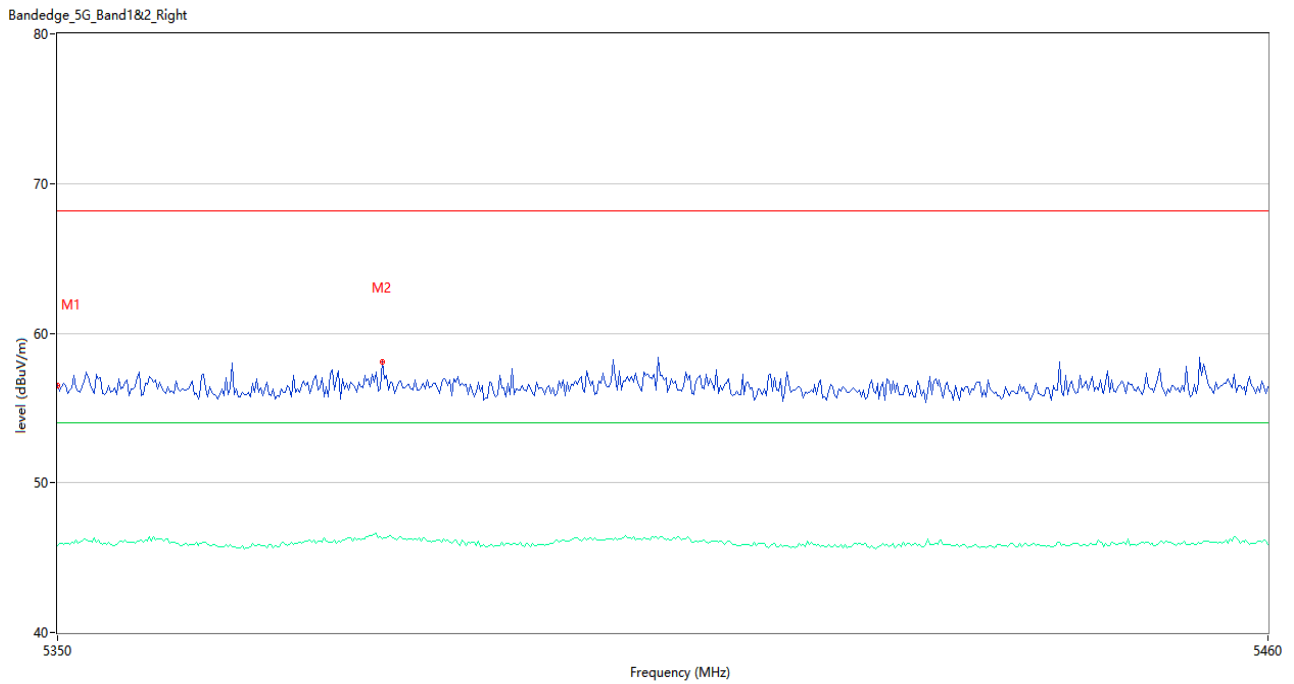
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.94	4.25	68.2	-11.26	Peak	5.00	150	Horizontal	Pass
1**	5350.000	45.79	4.25	54.0	-8.21	AV	5.00	150	Horizontal	Pass
2	5387.033	58.13	4.90	68.2	-10.07	Peak	17.00	150	Horizontal	Pass
2**	5387.033	46.02	4.90	54.0	-7.98	AV	17.00	150	Horizontal	Pass

U-NII-1 11n20 CH36



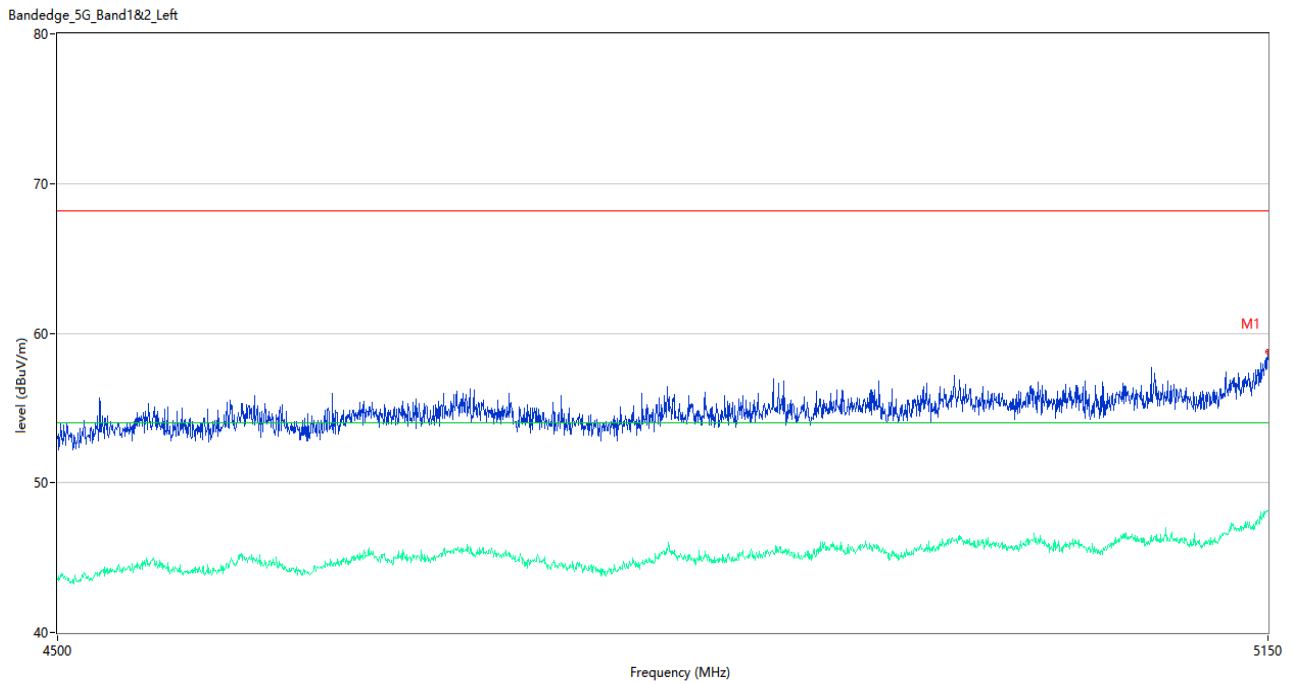
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.91	4.71	68.2	-10.29	Peak	22.00	150	Horizontal	Pass
1**	5150.000	48.40	4.71	54.0	-5.60	AV	22.00	150	Horizontal	Pass
2	5148.050	59.74	4.81	68.2	-8.46	Peak	22.00	150	Horizontal	Pass
2**	5148.050	48.04	4.81	54.0	-5.96	AV	22.00	150	Horizontal	Pass

U-NII-1 11n20 CH48



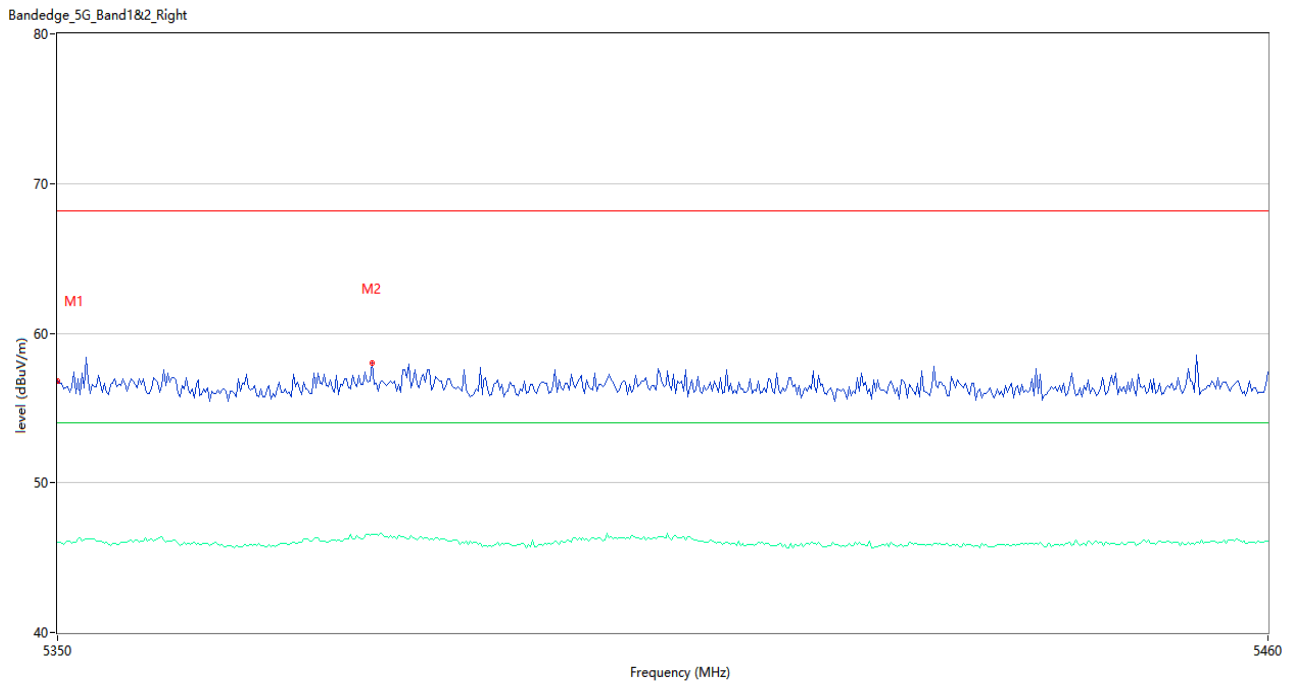
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.47	4.25	68.2	-11.73	Peak	5.00	150	Horizontal	Pass
1**	5350.000	45.83	4.25	54.0	-8.17	AV	5.00	150	Horizontal	Pass
2	5379.334	58.06	4.96	68.2	-10.14	Peak	2.00	150	Horizontal	Pass
2**	5379.334	46.29	4.96	54.0	-7.71	AV	2.00	150	Horizontal	Pass

U-NII-1 11n40 CH38



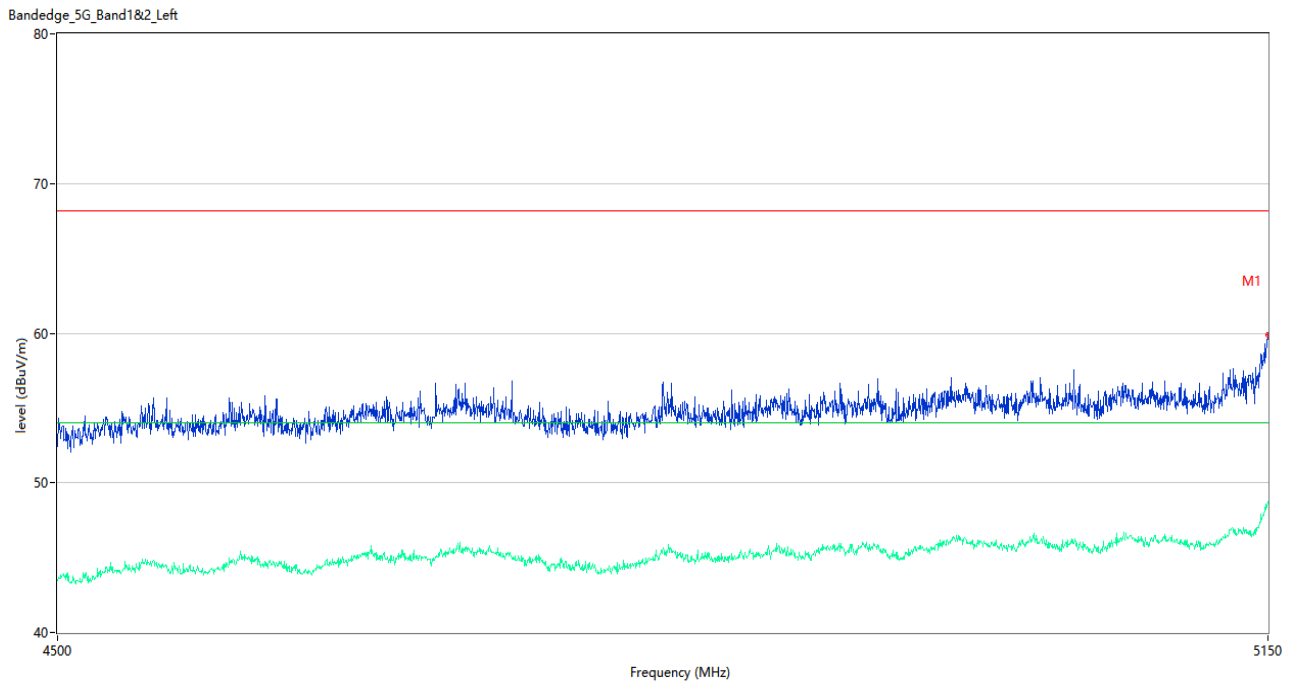
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.79	4.71	68.2	-9.41	Peak	6.00	150	Horizontal	Pass
1**	5150.000	48.14	4.71	54.0	-5.86	AV	6.00	150	Horizontal	Pass

U-NII-1 11n40 CH46



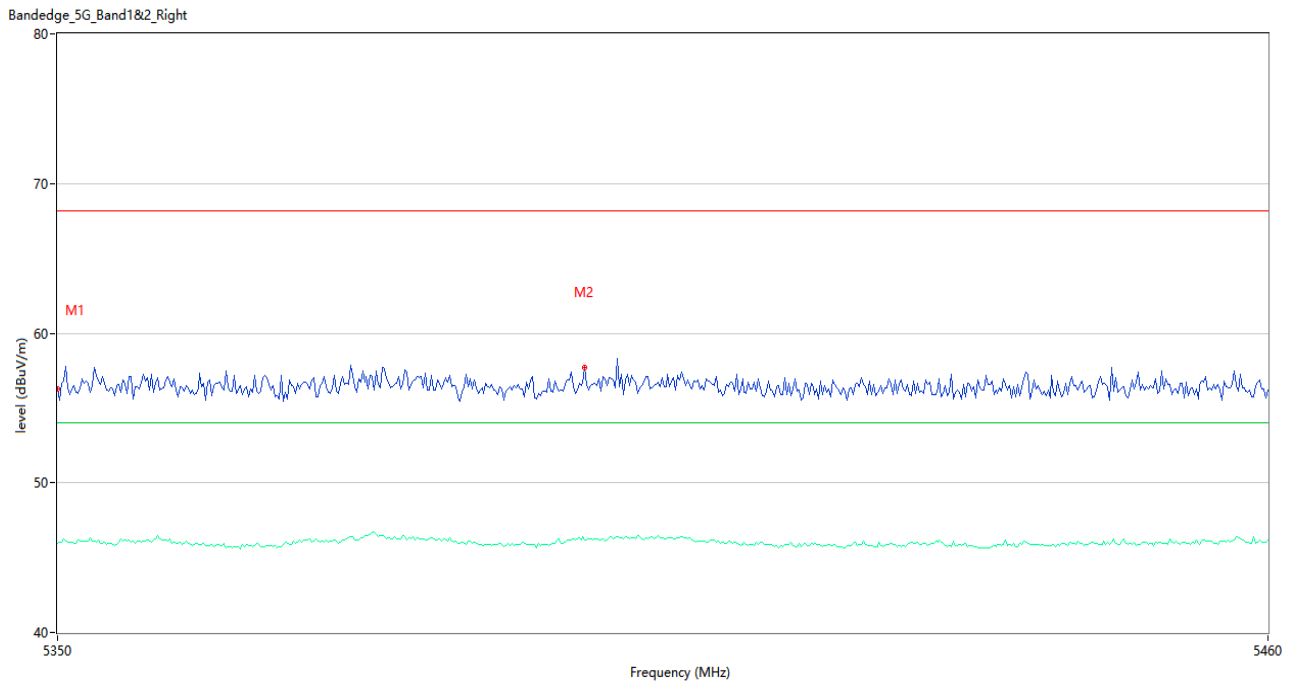
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.79	4.25	68.2	-11.41	Peak	7.00	150	Horizontal	Pass
1**	5350.000	46.00	4.25	54.0	-8.00	AV	7.00	150	Horizontal	Pass
2	5378.417	58.00	5.07	68.2	-10.20	Peak	3.00	150	Horizontal	Pass
2**	5378.417	46.54	5.07	54.0	-7.46	AV	3.00	150	Horizontal	Pass

U-NII-1 11ac20 CH36



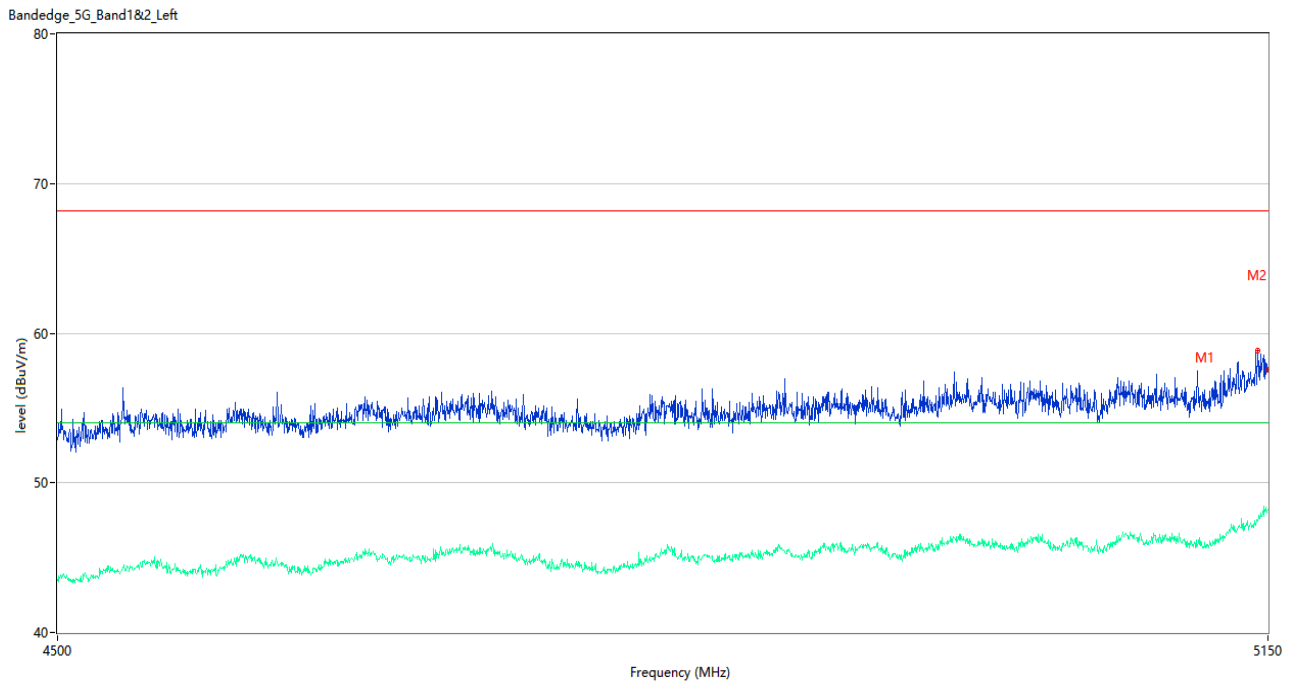
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	59.91	4.71	68.2	-8.29	Peak	6.00	150	Horizontal	Pass
1**	5150.000	48.73	4.71	54.0	-5.27	AV	6.00	150	Horizontal	Pass

U-NII-1 11ac20 CH48



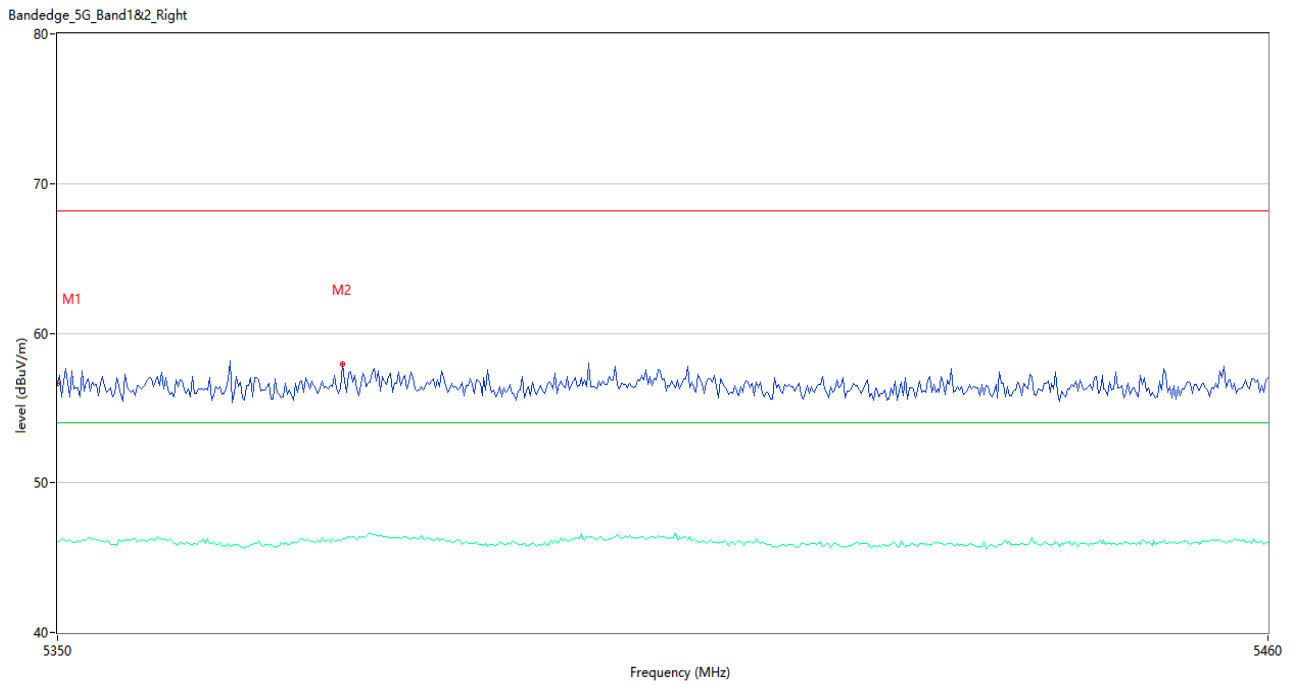
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.24	4.25	68.2	-11.96	Peak	22.00	150	Horizontal	Pass
1**	5350.000	45.92	4.25	54.0	-8.08	AV	22.00	150	Horizontal	Pass
2	5397.666	57.70	4.81	68.2	-10.50	Peak	22.00	150	Horizontal	Pass
2**	5397.666	46.18	4.81	54.0	-7.82	AV	22.00	150	Horizontal	Pass

U-NII-1 11ac40 CH38



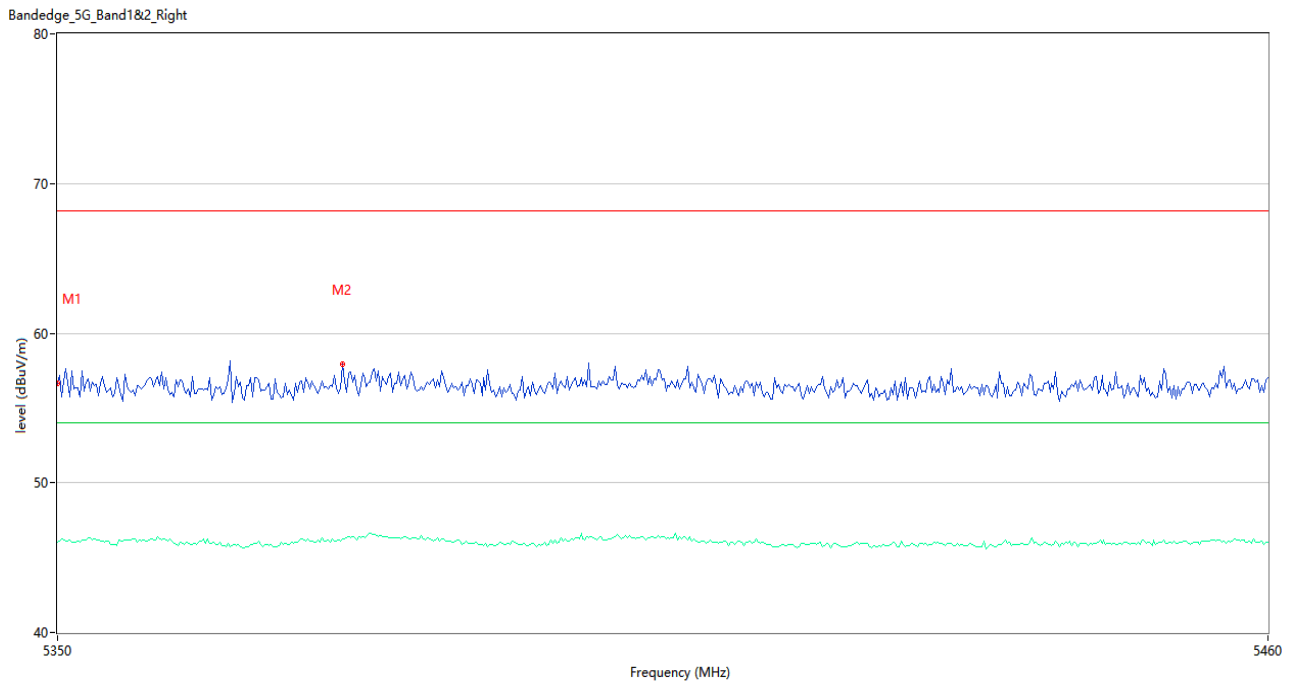
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.54	4.71	68.2	-10.66	Peak	17.00	150	Horizontal	Pass
1**	5150.000	48.21	4.71	54.0	-5.79	AV	17.00	150	Horizontal	Pass
2	5144.150	58.85	4.68	68.2	-9.35	Peak	7.00	150	Horizontal	Pass
2**	5144.150	47.47	4.68	54.0	-6.53	AV	7.00	150	Horizontal	Pass

U-NII-1 11ac40 CH46



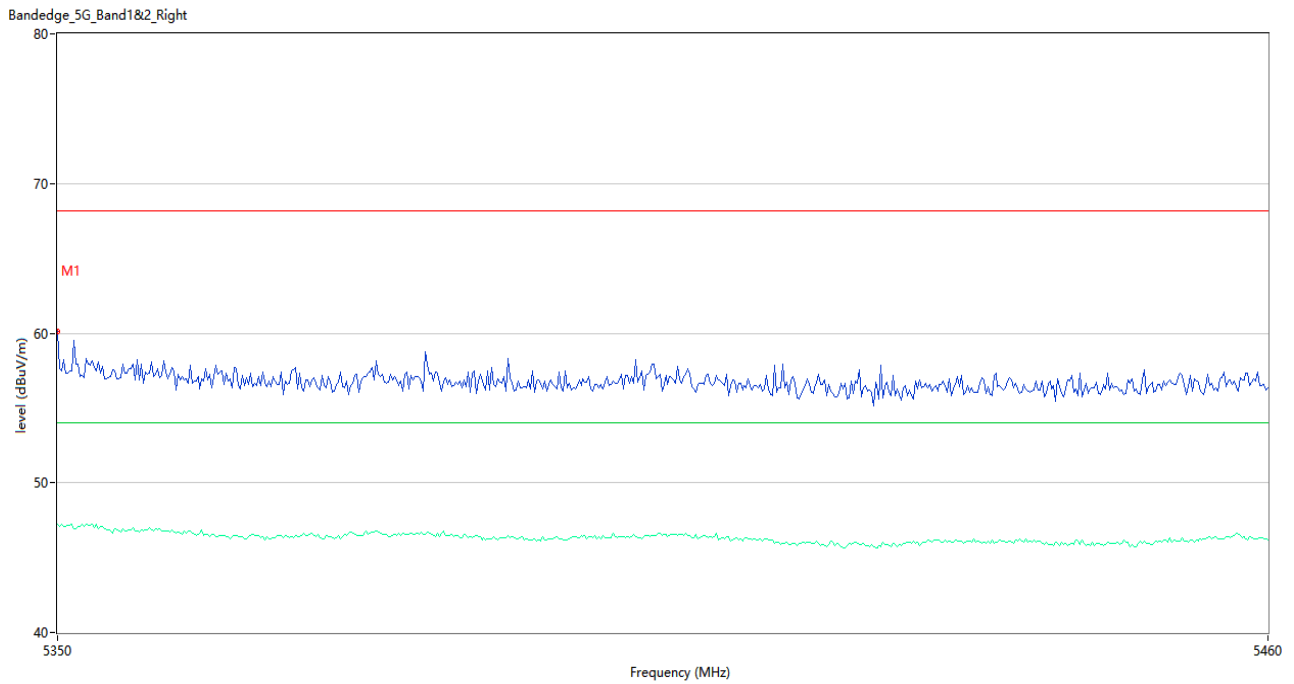
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.62	4.25	68.2	-11.58	Peak	10.00	150	Horizontal	Pass
1**	5350.000	46.02	4.25	54.0	-7.98	AV	10.00	150	Horizontal	Pass
2	5375.667	57.91	4.57	68.2	-10.29	Peak	14.00	150	Horizontal	Pass
2**	5375.667	46.28	4.57	54.0	-7.72	AV	14.00	150	Horizontal	Pass

U-NII-1 11ac80 CH42



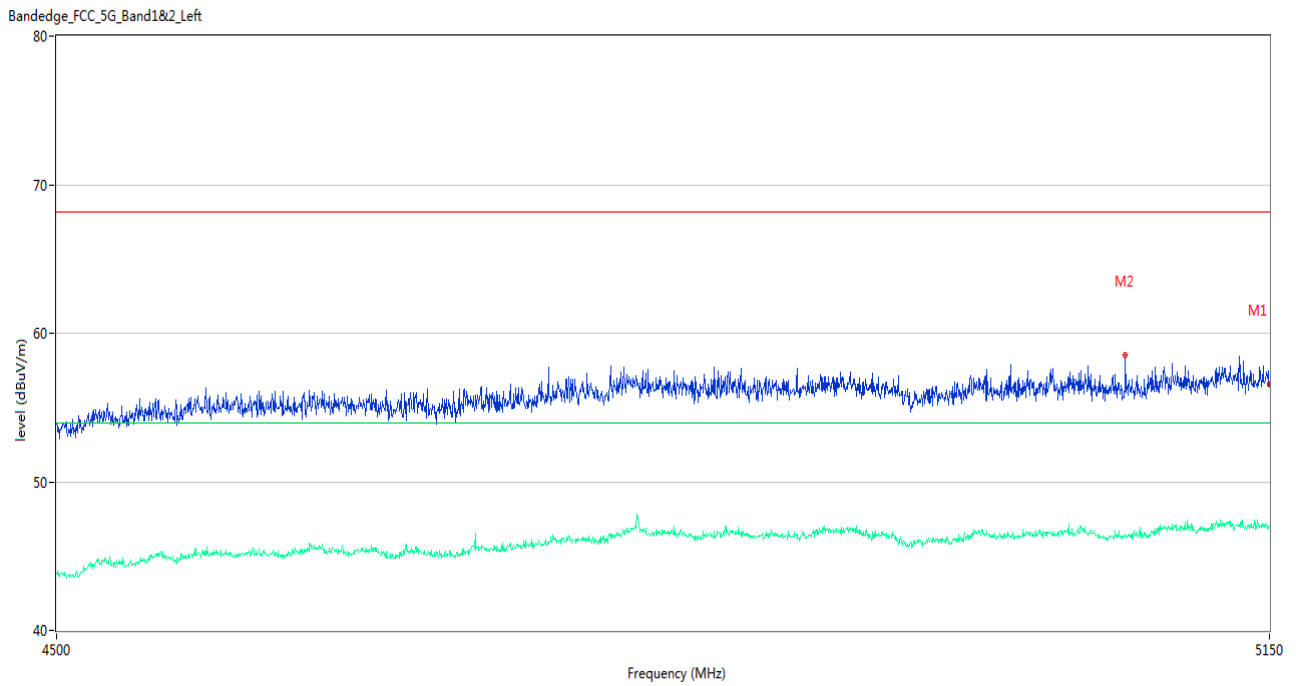
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.62	4.25	68.2	-11.58	Peak	10.00	150	Horizontal	Pass
1**	5350.000	46.02	4.25	54.0	-7.98	AV	10.00	150	Horizontal	Pass
2	5375.667	57.91	4.57	68.2	-10.29	Peak	14.00	150	Horizontal	Pass
2**	5375.667	46.28	4.57	54.0	-7.72	AV	14.00	150	Horizontal	Pass

U-NII-1 11ac80 CH42



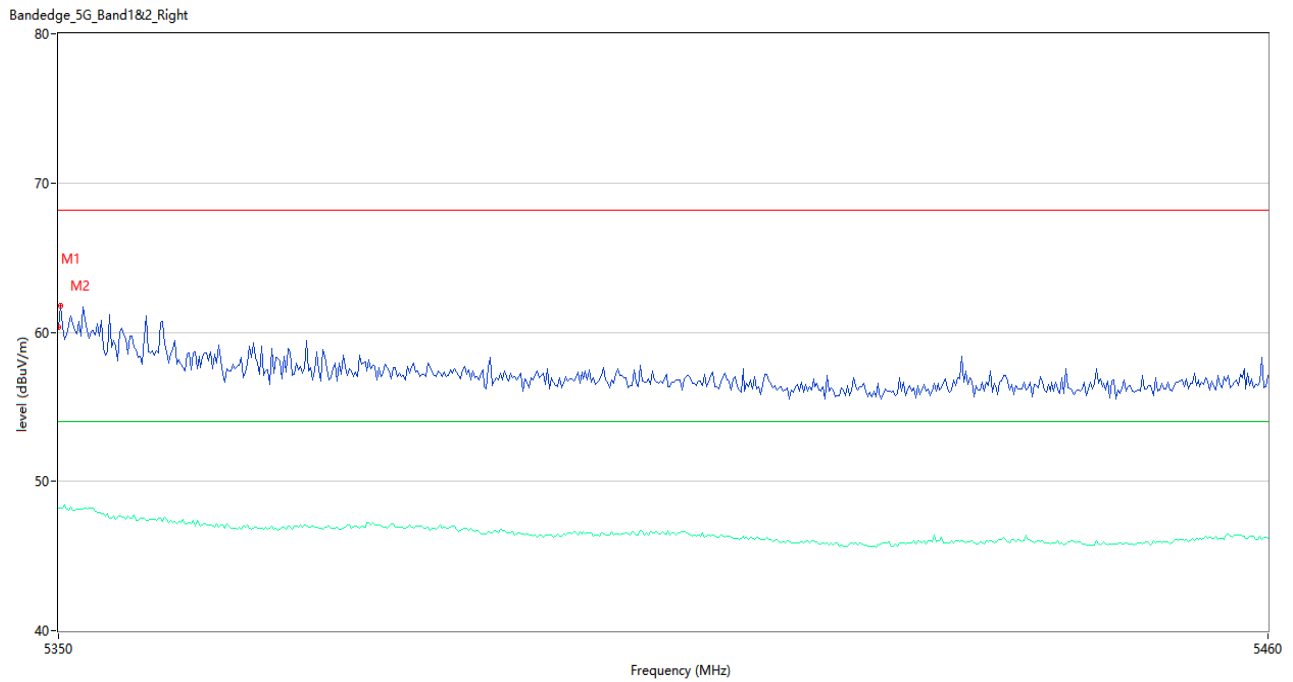
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.08	4.25	68.2	-8.12	Peak	10.00	150	Horizontal	Pass
1**	5350.000	47.20	4.25	54.0	-6.80	AV	10.00	150	Horizontal	Pass

U-NII-2A 11a CH52



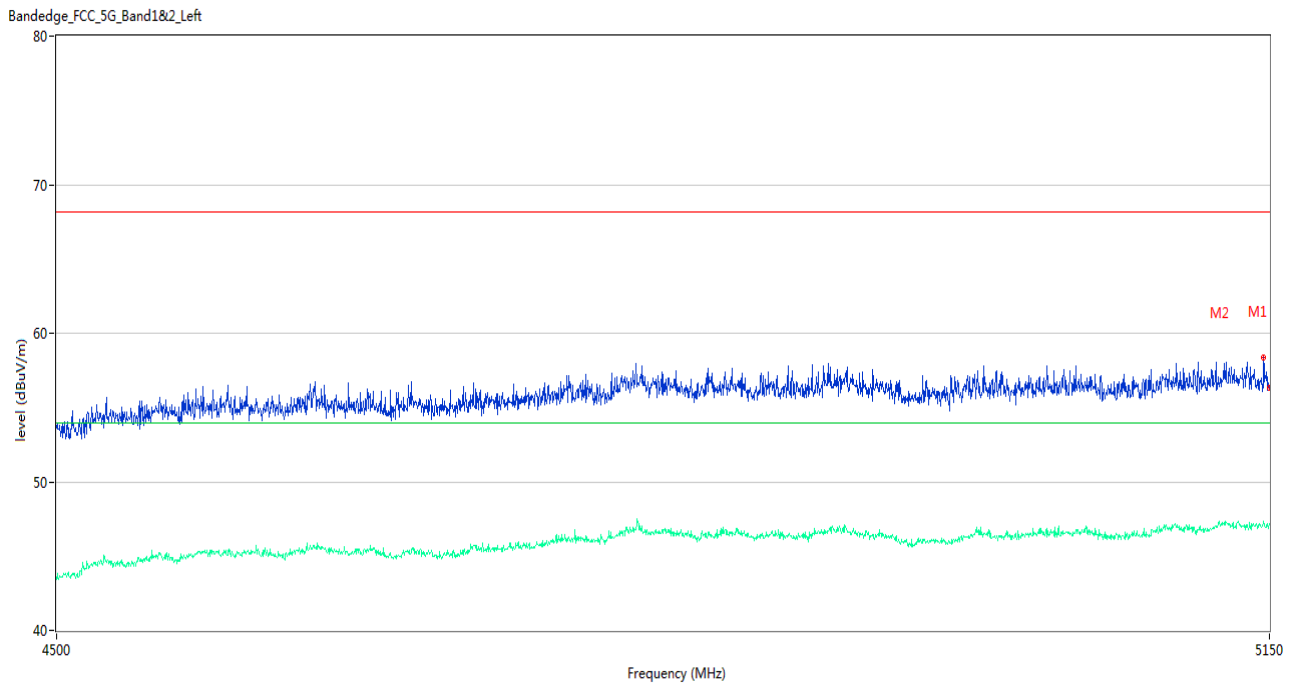
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.57	3.22	68.2	-11.63	Peak	66.00	150	Horizontal	Pass
1**	5150.000	47.02	3.22	54.0	-6.98	AV	66.00	150	Horizontal	Pass
2	5068.100	58.49	2.94	68.2	-9.71	Peak	114.00	150	Horizontal	Pass
2**	5068.100	46.41	2.94	54.0	-7.59	AV	114.00	150	Horizontal	Pass

U-NII-2A 11a CH64



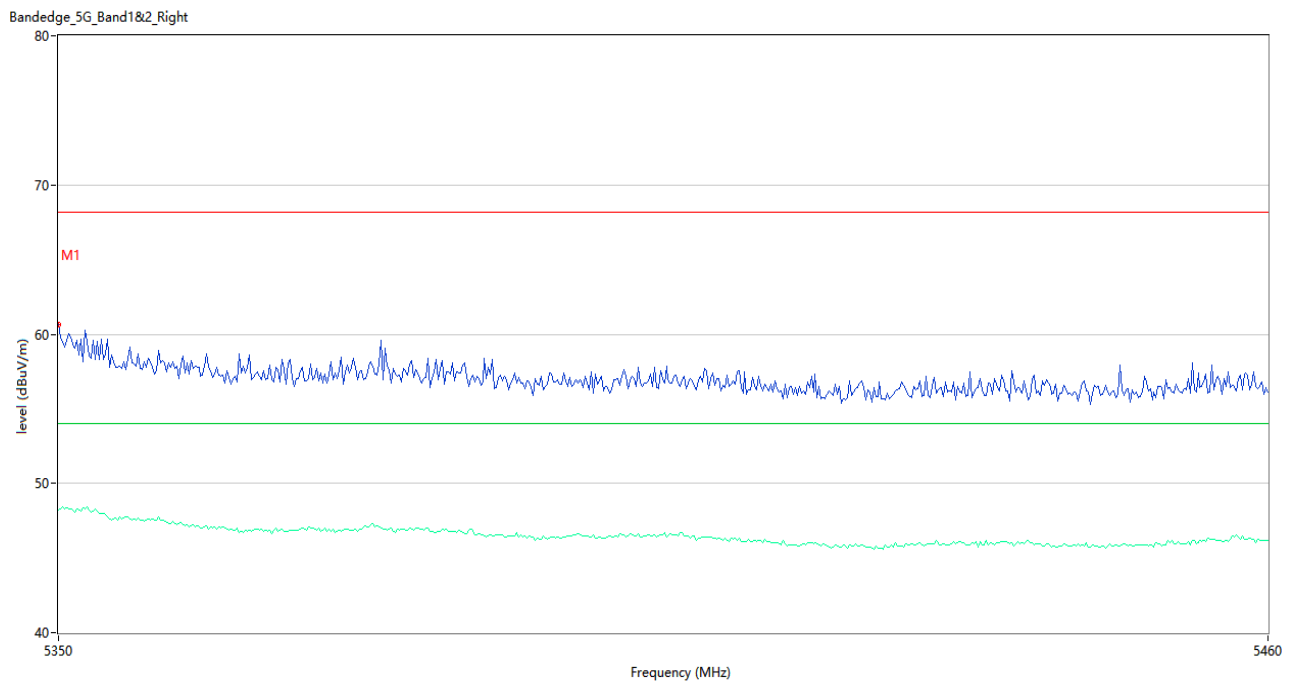
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.31	4.25	68.2	-7.89	Peak	11.00	150	Horizontal	Pass
1**	5350.000	48.18	4.25	54.0	-5.82	AV	11.00	150	Horizontal	Pass
2	5350.183	61.78	4.25	68.2	-6.42	Peak	22.00	150	Horizontal	Pass
2**	5350.183	48.22	4.25	54.0	-5.78	AV	22.00	150	Horizontal	Pass

U-NII-2A 11n20 CH52



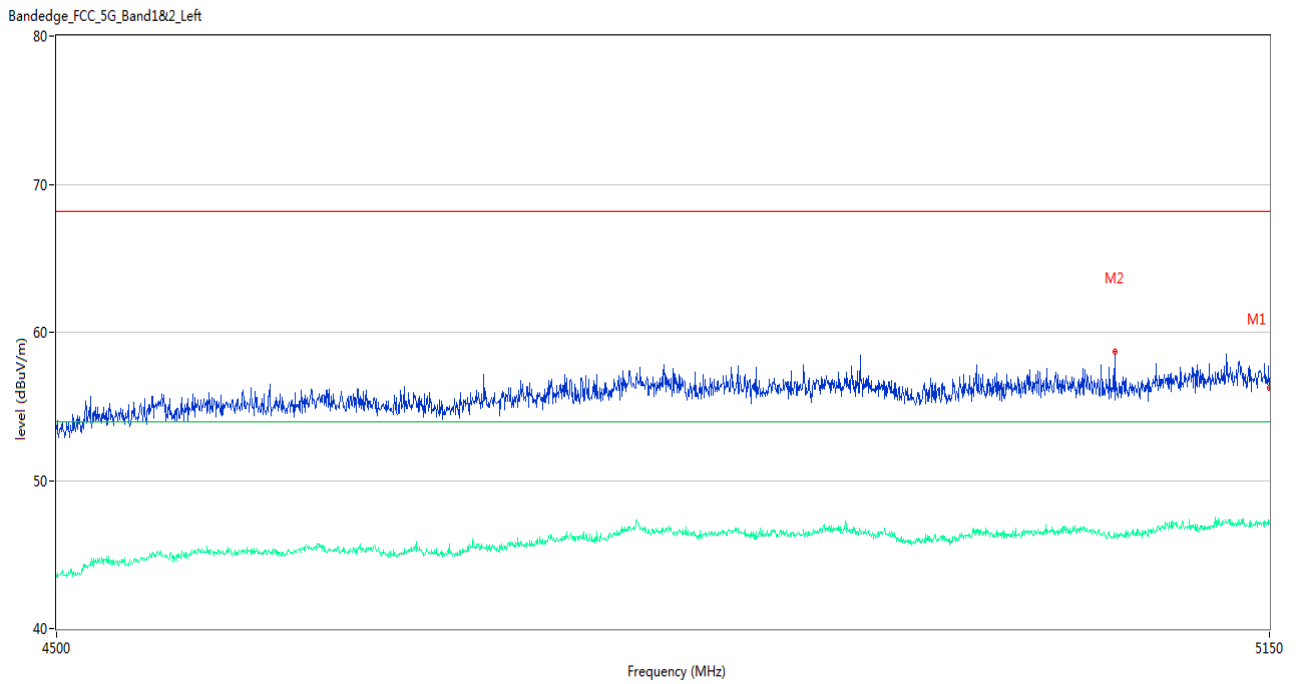
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.35	3.22	68.2	-11.85	Peak	194.00	150	Horizontal	Pass
1**	5150.000	47.16	3.22	54.0	-6.84	AV	194.00	150	Horizontal	Pass
2	5146.750	58.40	3.39	68.2	-9.80	Peak	46.00	150	Horizontal	Pass
2**	5146.750	47.31	3.39	54.0	-6.69	AV	46.00	150	Horizontal	Pass

U-NII-2A 11n20 CH64



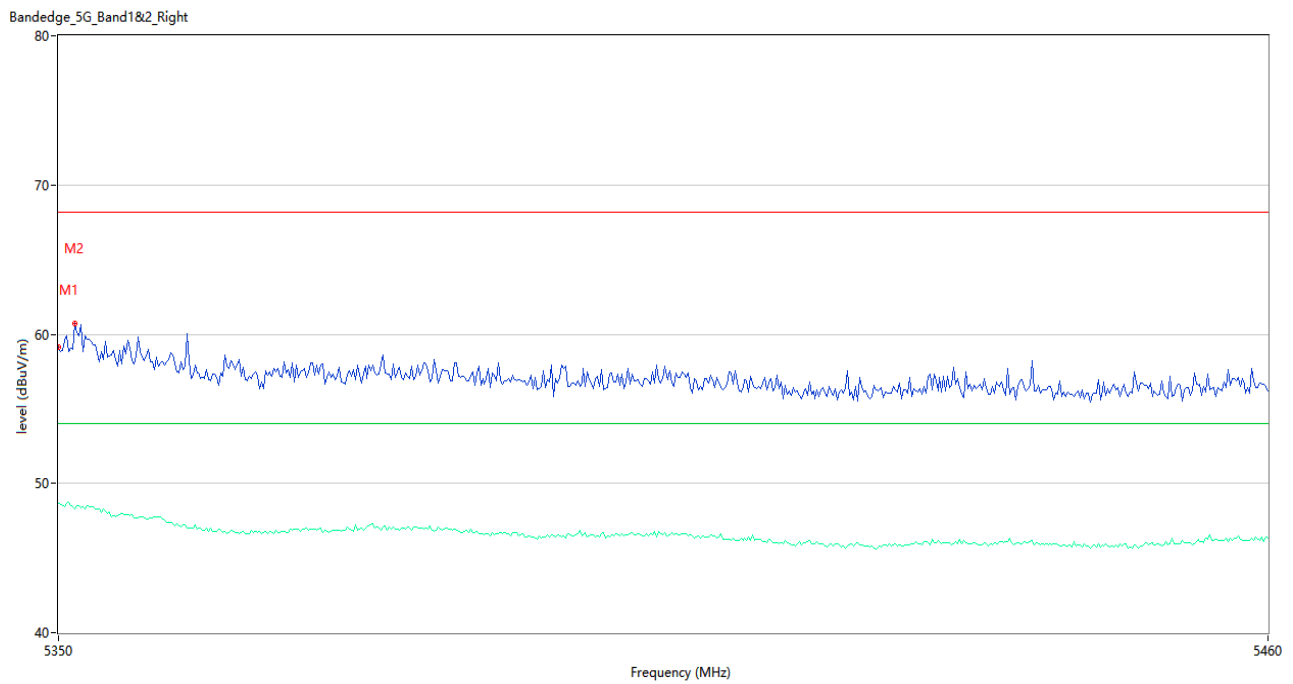
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.64	4.25	68.2	-7.56	Peak	14.00	150	Horizontal	Pass
1**	5350.000	48.22	4.25	54.0	-5.78	AV	14.00	150	Horizontal	Pass

U-NII-2A 11n40 CH54



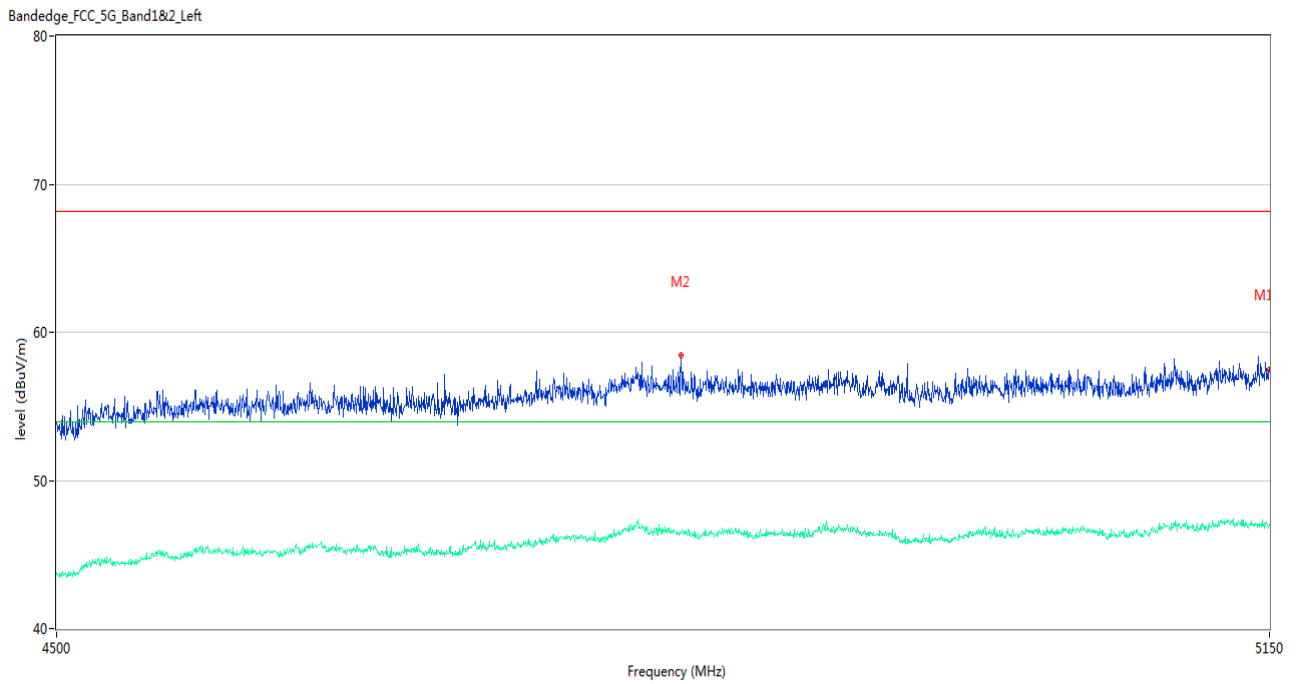
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.24	3.22	68.2	-11.96	Peak	21.00	150	Horizontal	Pass
1**	5150.000	47.13	3.22	54.0	-6.87	AV	21.00	150	Horizontal	Pass
2	5062.250	58.70	2.98	68.2	-9.50	Peak	170.00	150	Horizontal	Pass
2**	5062.250	46.22	2.98	54.0	-7.78	AV	170.00	150	Horizontal	Pass

U-NII-2A 11n40 CH62



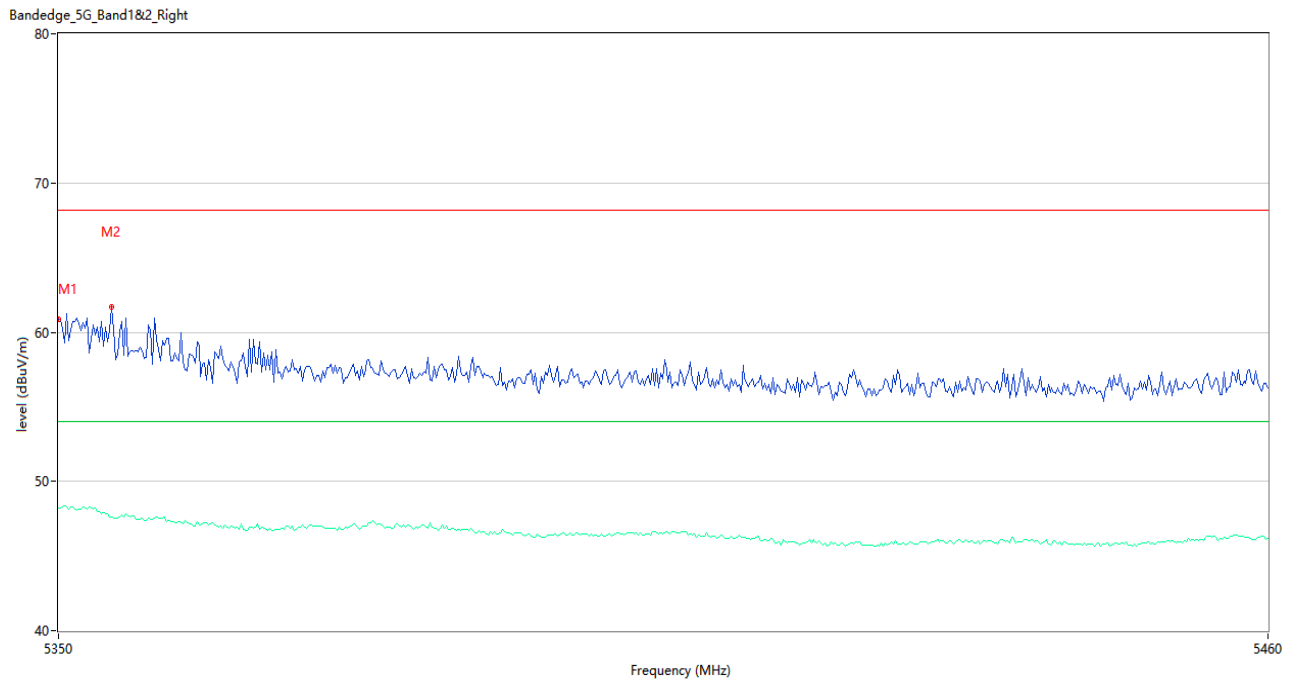
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.16	4.25	68.2	-9.04	Peak	11.00	150	Horizontal	Pass
1**	5350.000	48.68	4.25	54.0	-5.32	AV	11.00	150	Horizontal	Pass
2	5351.467	60.75	4.18	68.2	-7.45	Peak	17.00	150	Horizontal	Pass
2**	5351.467	48.32	4.18	54.0	-5.68	AV	17.00	150	Horizontal	Pass

U-NII-2A 11ac20 CH52



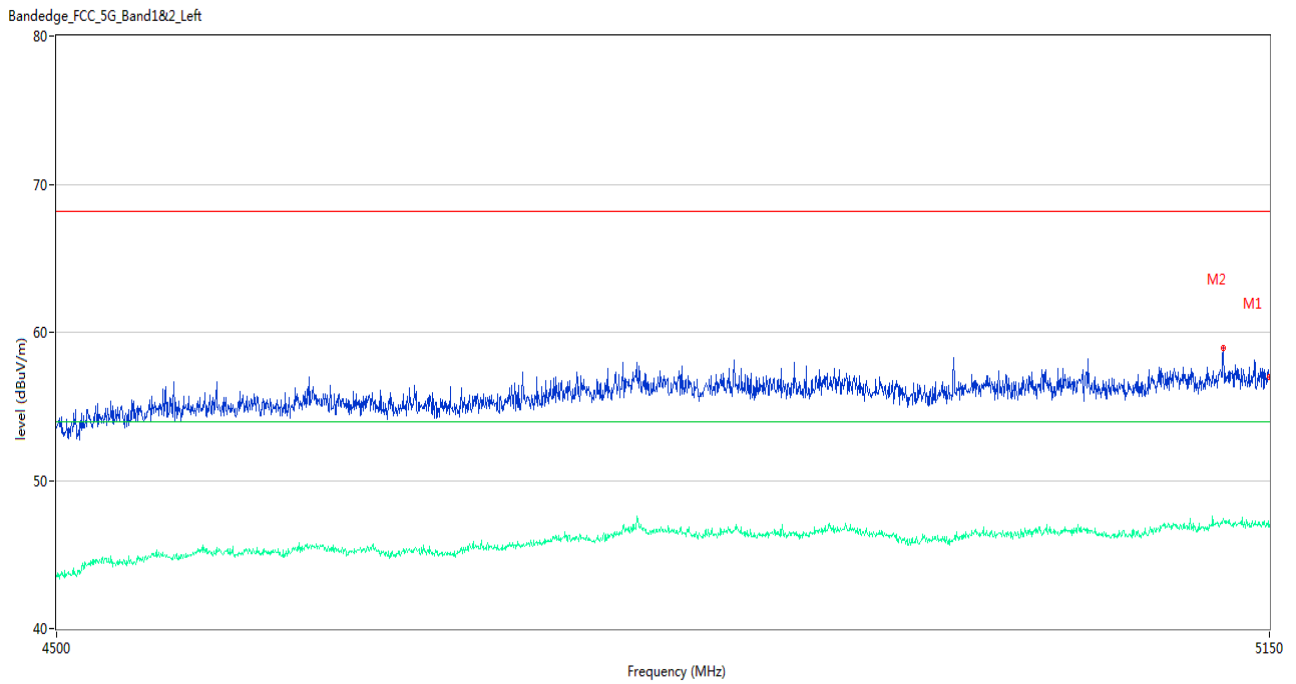
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.48	3.22	68.2	-10.72	Peak	259.00	150	Horizontal	Pass
1**	5150.000	47.02	3.22	54.0	-6.98	AV	259.00	150	Horizontal	Pass
2	4823.700	58.47	2.62	68.2	-9.73	Peak	345.00	150	Horizontal	Pass
2**	4823.700	46.46	2.62	54.0	-7.54	AV	345.00	150	Horizontal	Pass

U-NII-2A 11ac20 CH64



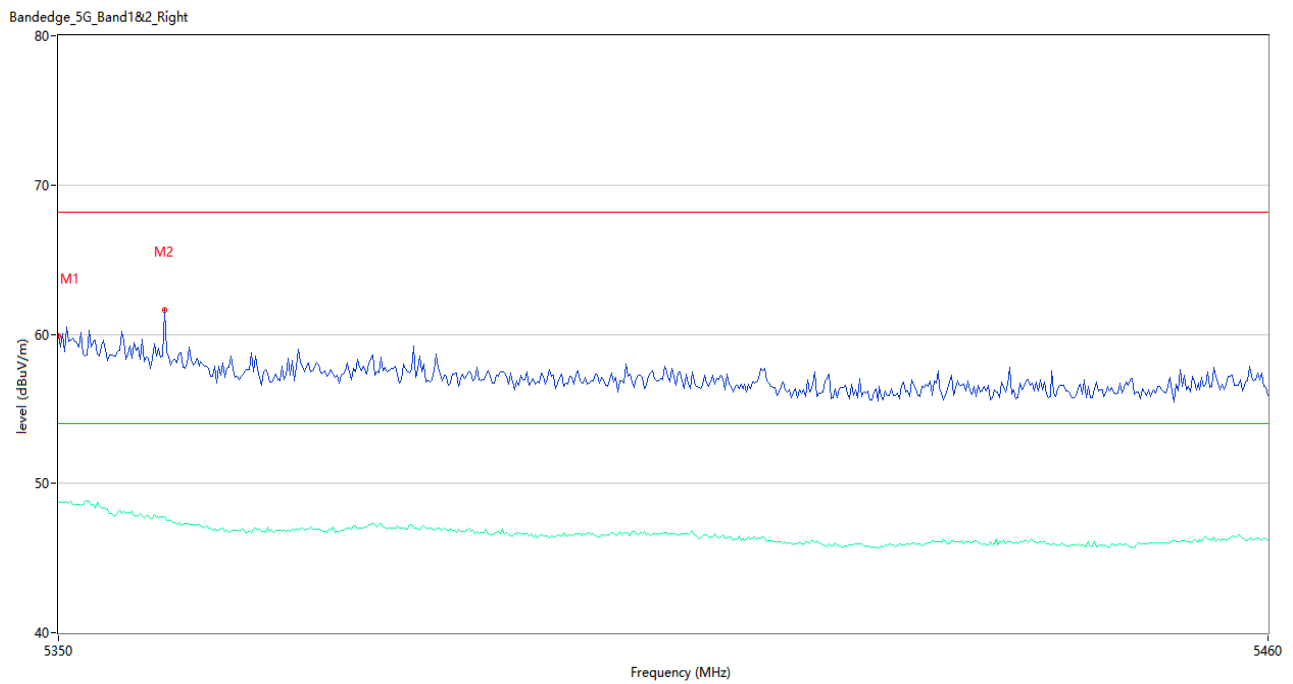
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.88	4.25	68.2	-7.32	Peak	10.00	150	Horizontal	Pass
1**	5350.000	48.23	4.25	54.0	-5.77	AV	10.00	150	Horizontal	Pass
2	5354.767	61.71	3.94	68.2	-6.49	Peak	9.00	150	Horizontal	Pass
2**	5354.767	47.61	3.94	54.0	-6.39	AV	9.00	150	Horizontal	Pass

U-NII-2A 11ac40 CH54



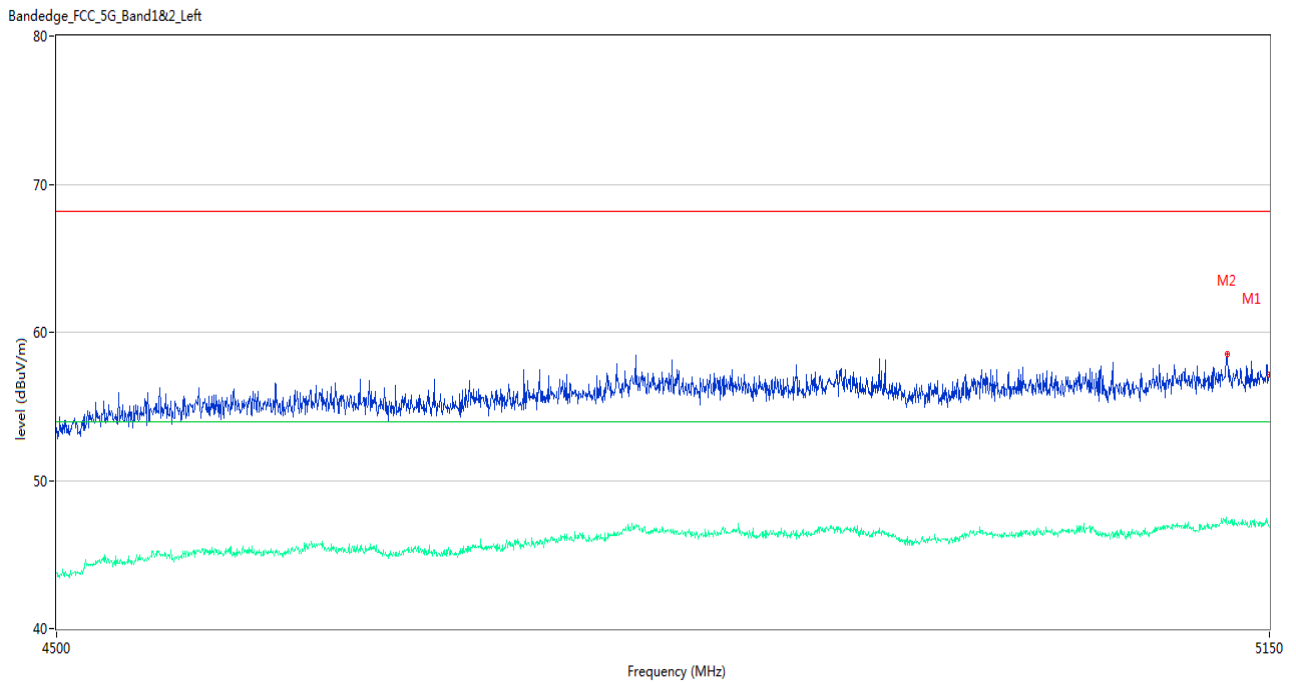
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.94	3.22	68.2	-11.26	Peak	218.00	150	Horizontal	Pass
1**	5150.000	46.86	3.22	54.0	-7.14	AV	218.00	150	Horizontal	Pass
2	5123.675	58.91	3.83	68.2	-9.29	Peak	360.00	150	Horizontal	Pass
2**	5123.675	47.41	3.83	54.0	-6.59	AV	360.00	150	Horizontal	Pass

U-NII-2A 11ac40 CH62



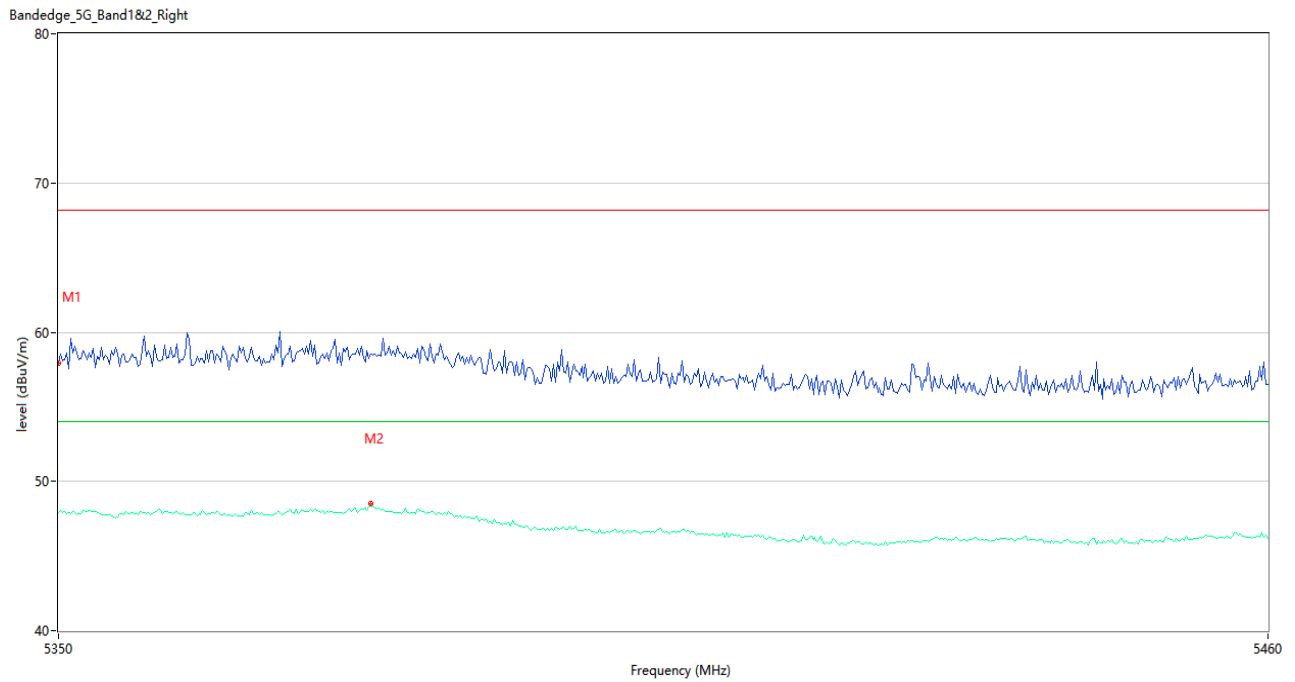
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.92	4.25	68.2	-8.28	Peak	20.00	150	Horizontal	Pass
1**	5350.000	48.77	4.25	54.0	-5.23	AV	20.00	150	Horizontal	Pass
2	5359.533	61.62	4.26	68.2	-6.58	Peak	14.00	150	Horizontal	Pass
2**	5359.533	47.78	4.26	54.0	-6.22	AV	14.00	150	Horizontal	Pass

U-NII-2A 11ac80 CH58



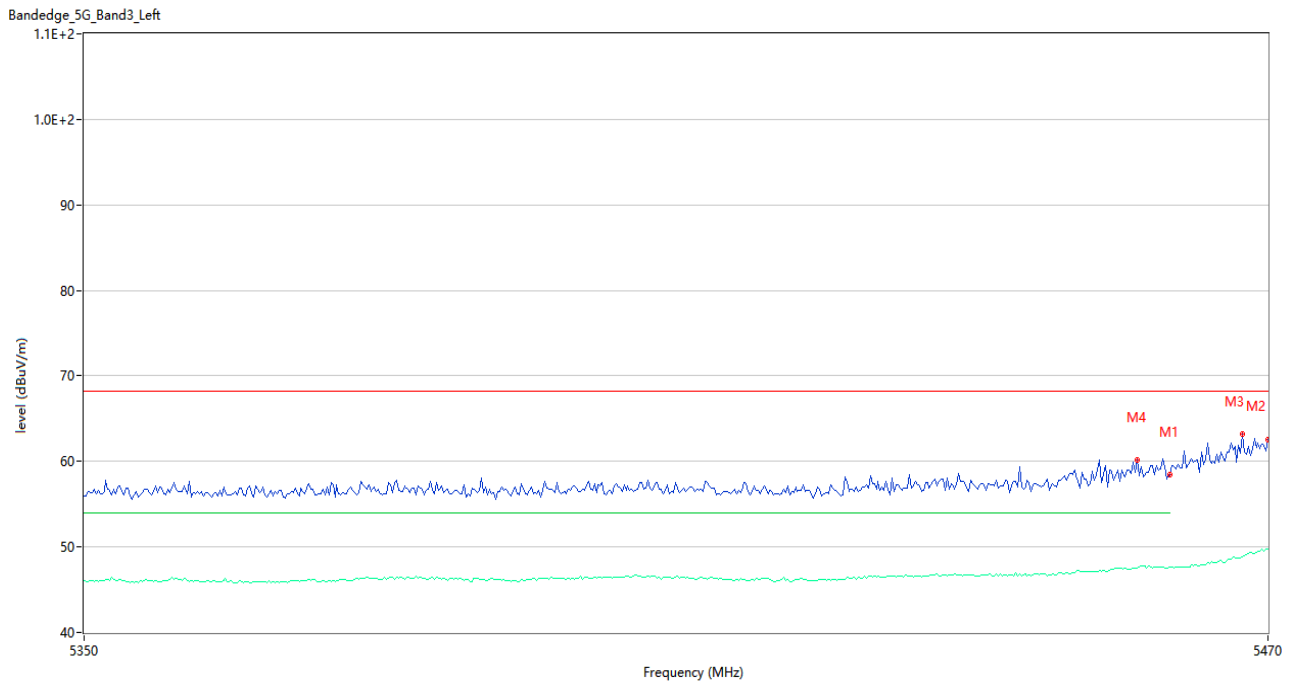
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.15	3.22	68.2	-11.05	Peak	245.00	150	Horizontal	Pass
1**	5150.000	46.84	3.22	54.0	-7.16	AV	245.00	150	Horizontal	Pass
2	5125.950	58.52	3.81	68.2	-9.68	Peak	320.00	150	Horizontal	Pass
2**	5125.950	47.05	3.81	54.0	-6.95	AV	320.00	150	Horizontal	Pass

U-NII-2A 11ac80 CH58



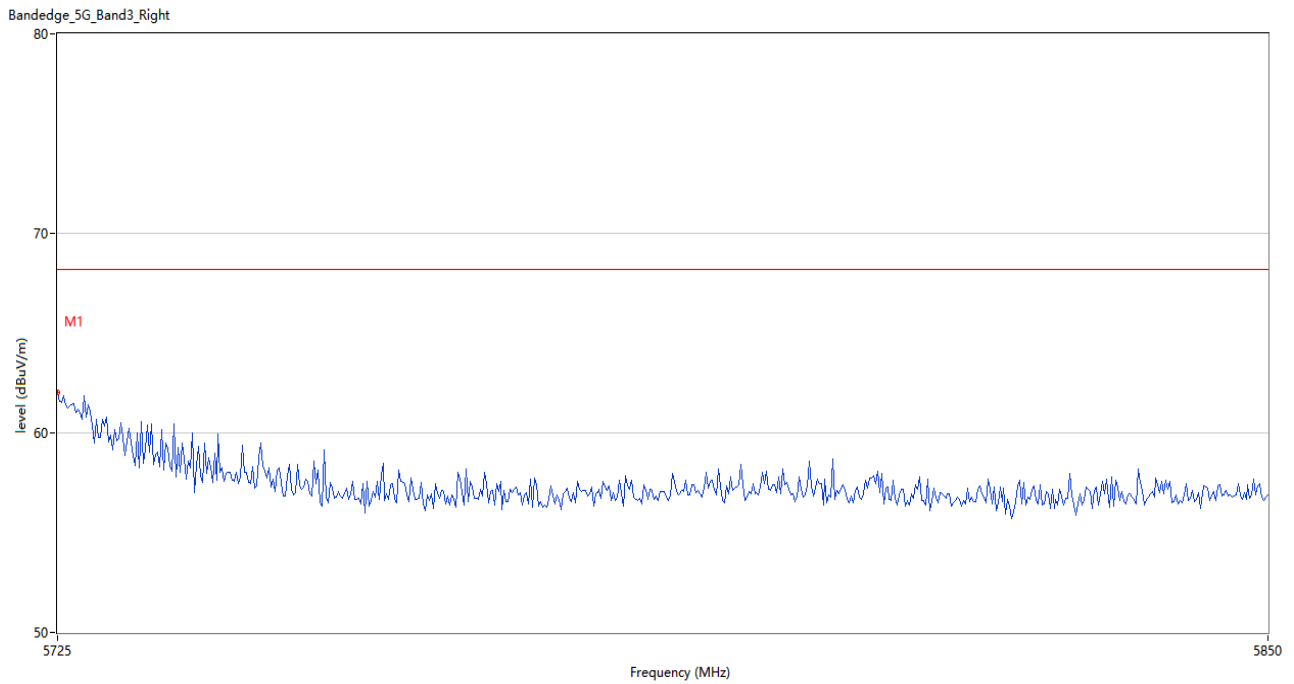
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.90	4.25	68.2	-10.30	Peak	4.00	150	Horizontal	Pass
1**	5350.000	47.87	4.25	54.0	-6.13	AV	4.00	150	Horizontal	Pass
2	5378.233	58.56	5.03	68.2	-9.64	Peak	19.00	150	Horizontal	Pass
2**	5378.233	48.54	5.03	54.0	-5.46	AV	19.00	150	Horizontal	Pass

U-NII-2C 11a CH100



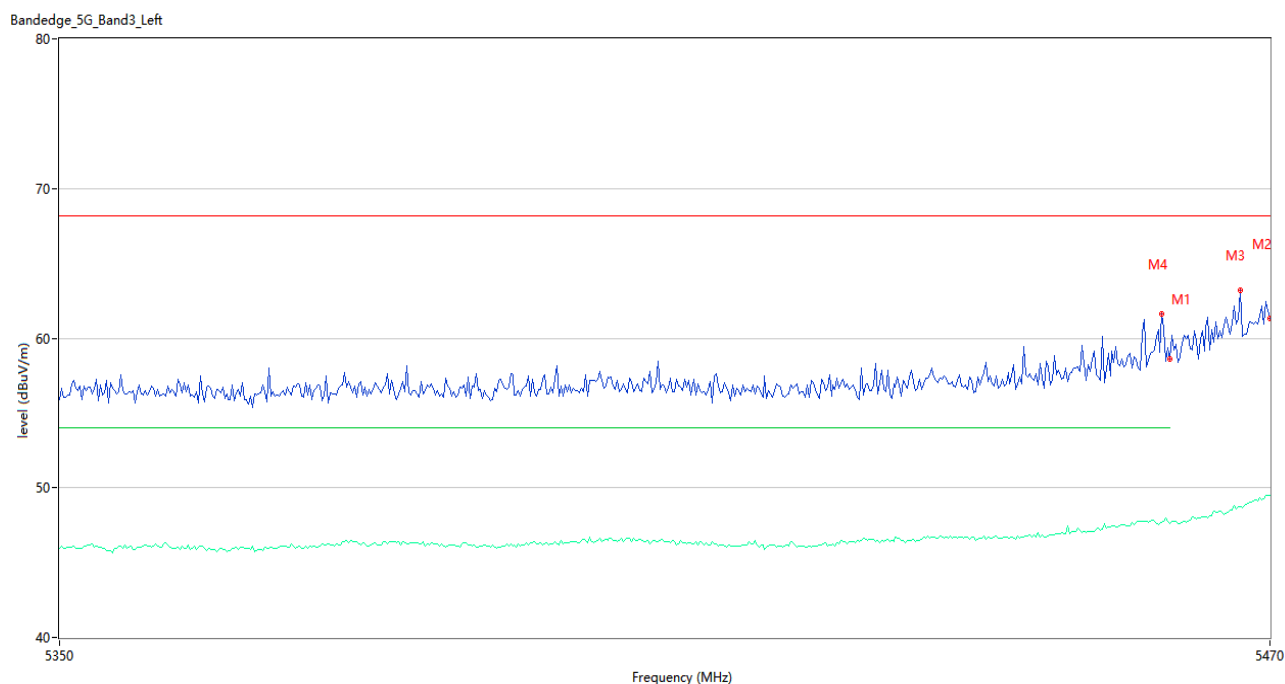
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	58.48	4.67	68.2	-9.72	Peak	12.00	150	Horizontal	Pass
1**	5460.000	47.62	4.67	54.0	-6.38	AV	12.00	150	Horizontal	Pass
2	5470.000	62.52	4.75	68.2	-5.68	Peak	14.00	150	Horizontal	Pass
2**	5470.000	49.81	4.75	--	49.81	AV	14.00	150	Horizontal	N/A
3	5467.400	63.14	4.73	68.2	-5.06	Peak	5.00	150	Horizontal	Pass
3**	5467.400	48.89	4.73	--	48.89	AV	5.00	150	Horizontal	N/A
4	5456.600	60.23	4.85	68.2	-7.97	Peak	22.00	150	Horizontal	Pass
4**	5456.600	47.56	4.85	54.0	-6.44	AV	22.00	150	Horizontal	Pass

U-NII-2C 11a CH140



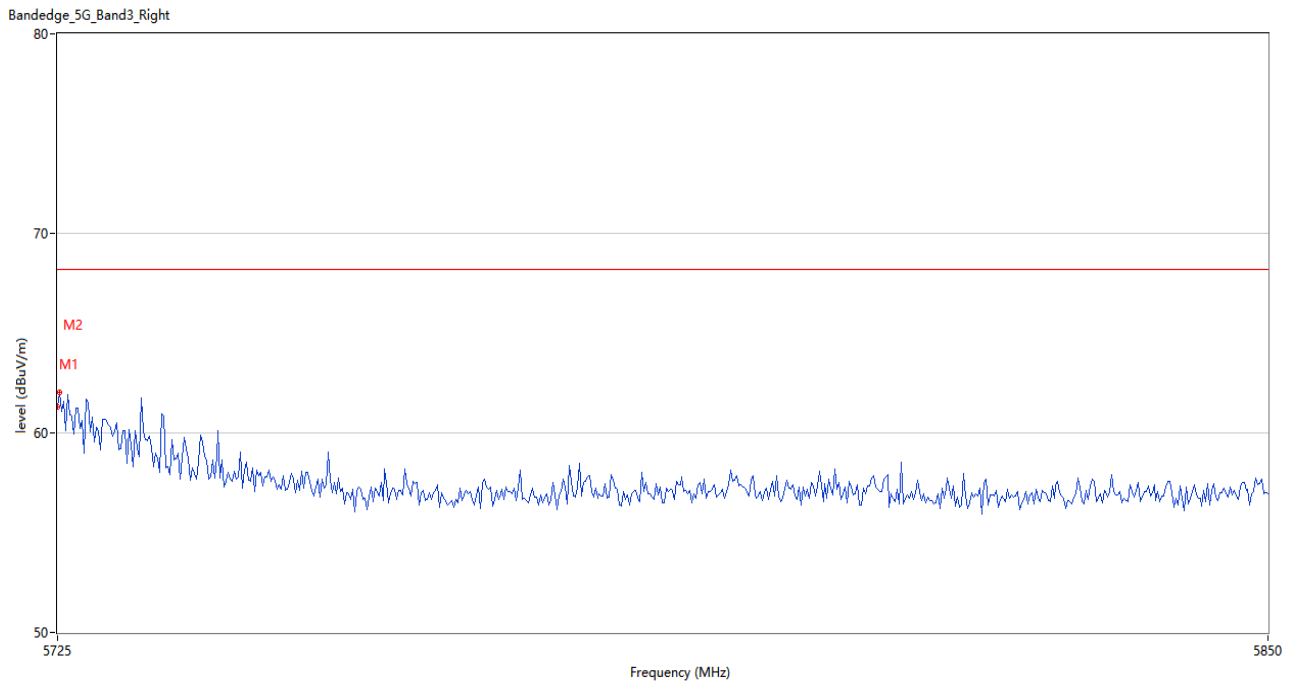
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.04	5.03	68.2	-6.16	Peak	22.00	150	Horizontal	Pass

U-NII-2C 11n20 CH100



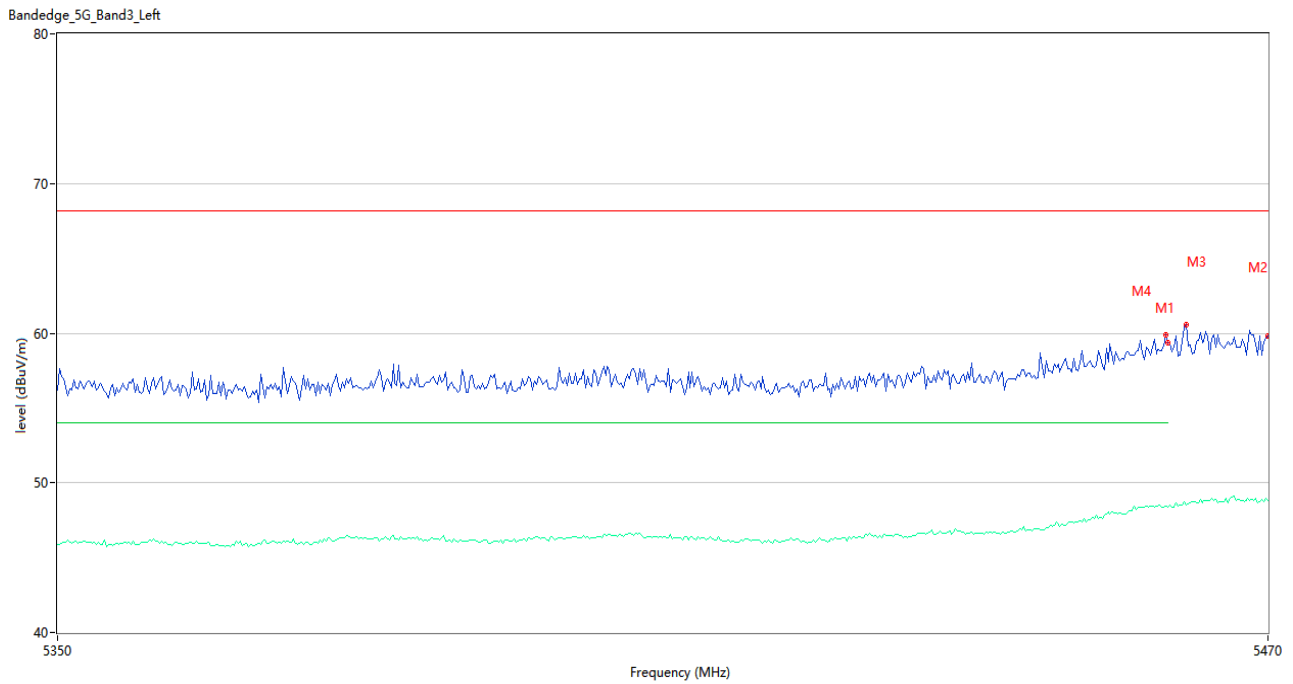
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	58.62	4.67	68.2	-9.58	Peak	13.00	150	Horizontal	Pass
1**	5460.000	47.60	4.67	54.0	-6.40	AV	13.00	150	Horizontal	Pass
2	5470.000	61.33	4.75	68.2	-6.87	Peak	21.00	150	Horizontal	Pass
2**	5470.000	49.53	4.75	--	49.53	AV	21.00	150	Horizontal	N/A
3	5467.000	63.19	4.76	68.2	-5.01	Peak	3.00	150	Horizontal	Pass
3**	5467.000	48.77	4.76	--	48.77	AV	3.00	150	Horizontal	N/A
4	5459.200	61.59	4.73	68.2	-6.61	Peak	10.00	150	Horizontal	Pass
4**	5459.200	47.67	4.73	54.0	-6.33	AV	10.00	150	Horizontal	Pass

U-NII-2C 11n20 CH140



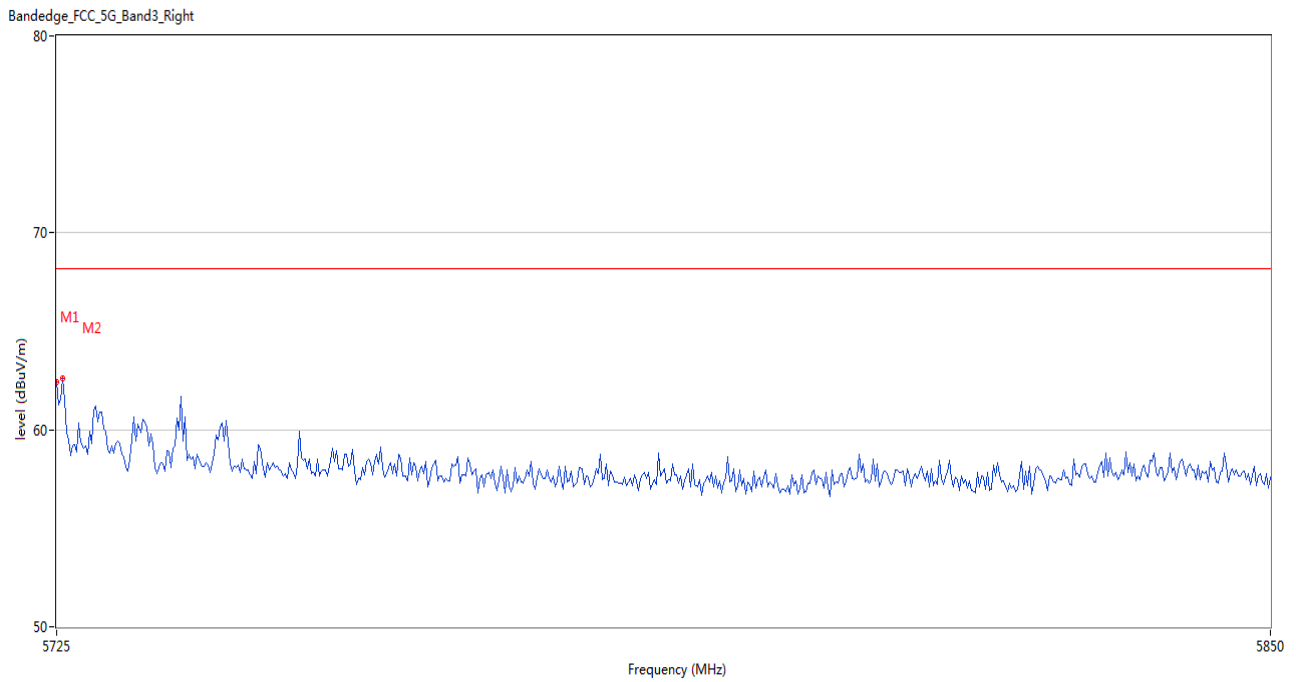
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.30	5.03	68.2	-6.90	Peak	15.00	150	Horizontal	Pass
2	5725.209	62.04	5.05	68.2	-6.16	Peak	10.00	150	Horizontal	Pass

U-NII-2C 11n40 CH102



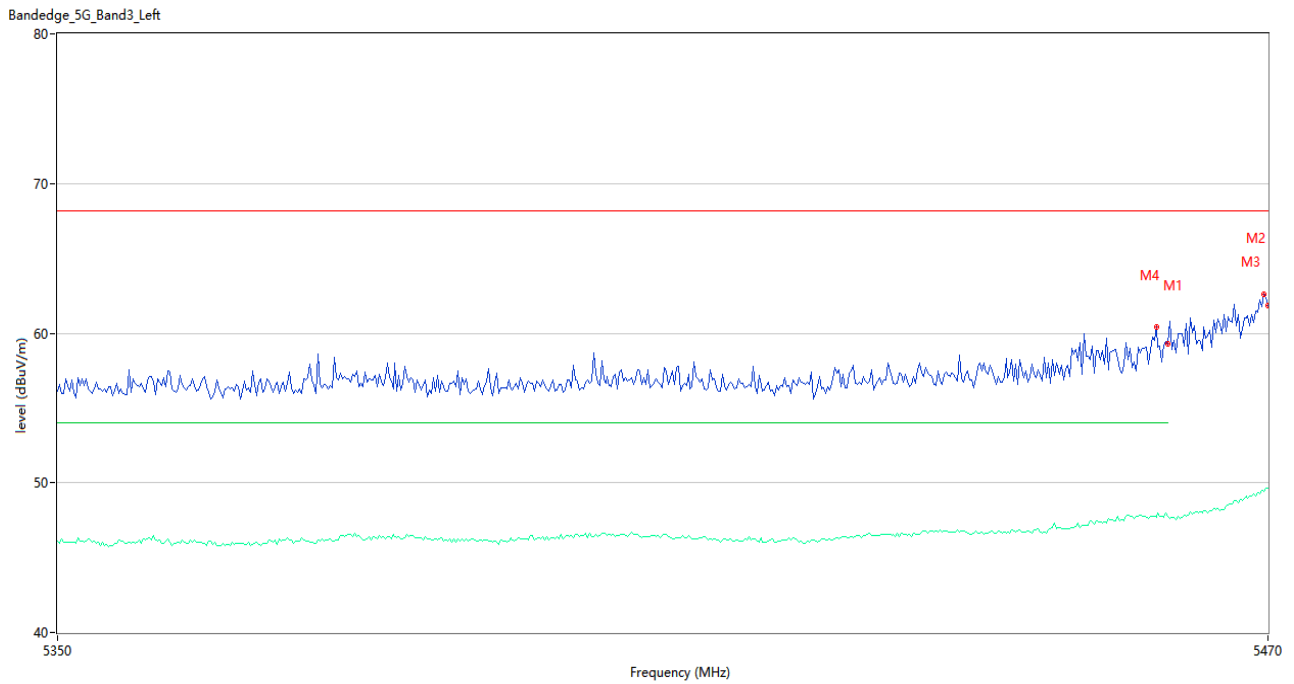
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	59.37	4.67	68.2	-8.83	Peak	1.00	150	Horizontal	Pass
1**	5460.000	48.38	4.67	54.0	-5.62	AV	1.00	150	Horizontal	Pass
2	5470.000	59.79	4.75	68.2	-8.41	Peak	19.00	150	Horizontal	Pass
2**	5470.000	48.83	4.75	--	48.83	AV	19.00	150	Horizontal	N/A
3	5461.800	60.55	4.63	68.2	-7.65	Peak	22.00	150	Horizontal	Pass
3**	5461.800	48.50	4.63	--	48.50	AV	22.00	150	Horizontal	N/A
4	5459.800	59.89	4.70	68.2	-8.31	Peak	17.00	150	Horizontal	Pass
4**	5459.800	48.44	4.70	54.0	-5.56	AV	17.00	150	Horizontal	Pass

U-NII-2C 11n40 CH134



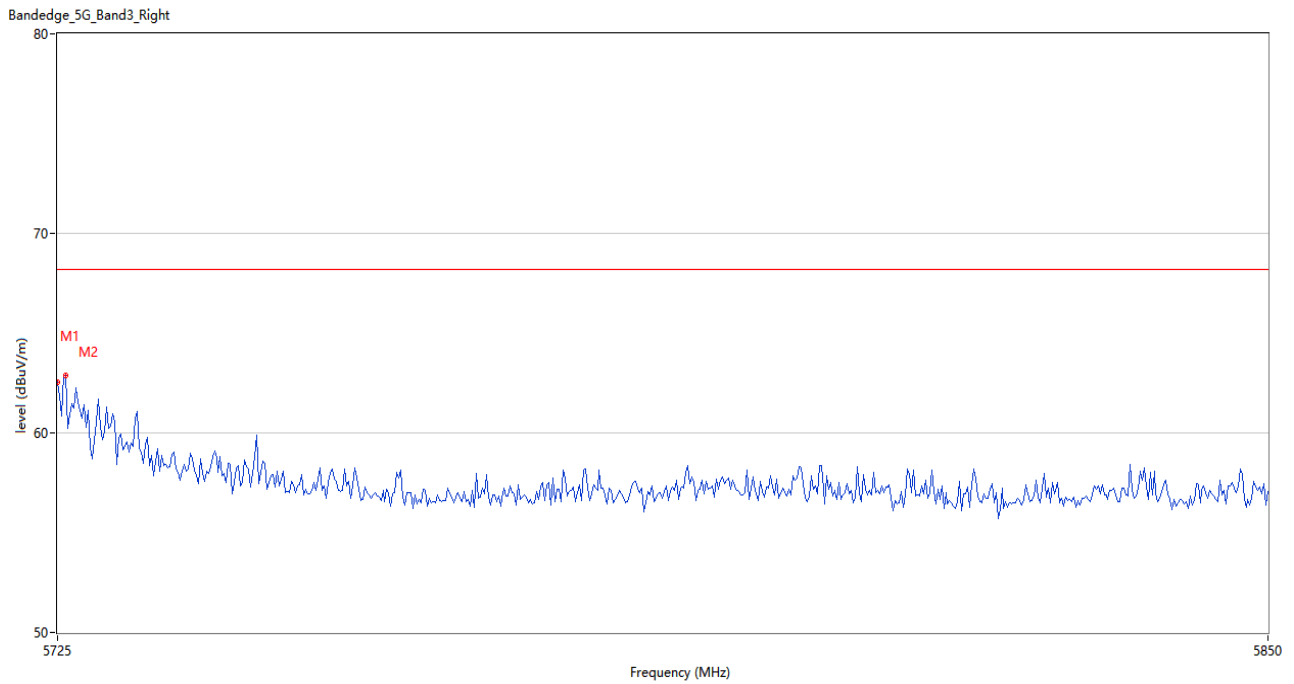
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.43	3.78	68.2	-5.77	Peak	134.00	150	Horizontal	Pass
2	5725.625	62.63	3.74	68.2	-5.57	Peak	127.00	150	Horizontal	Pass

U-NII-2C 11ac20 CH100



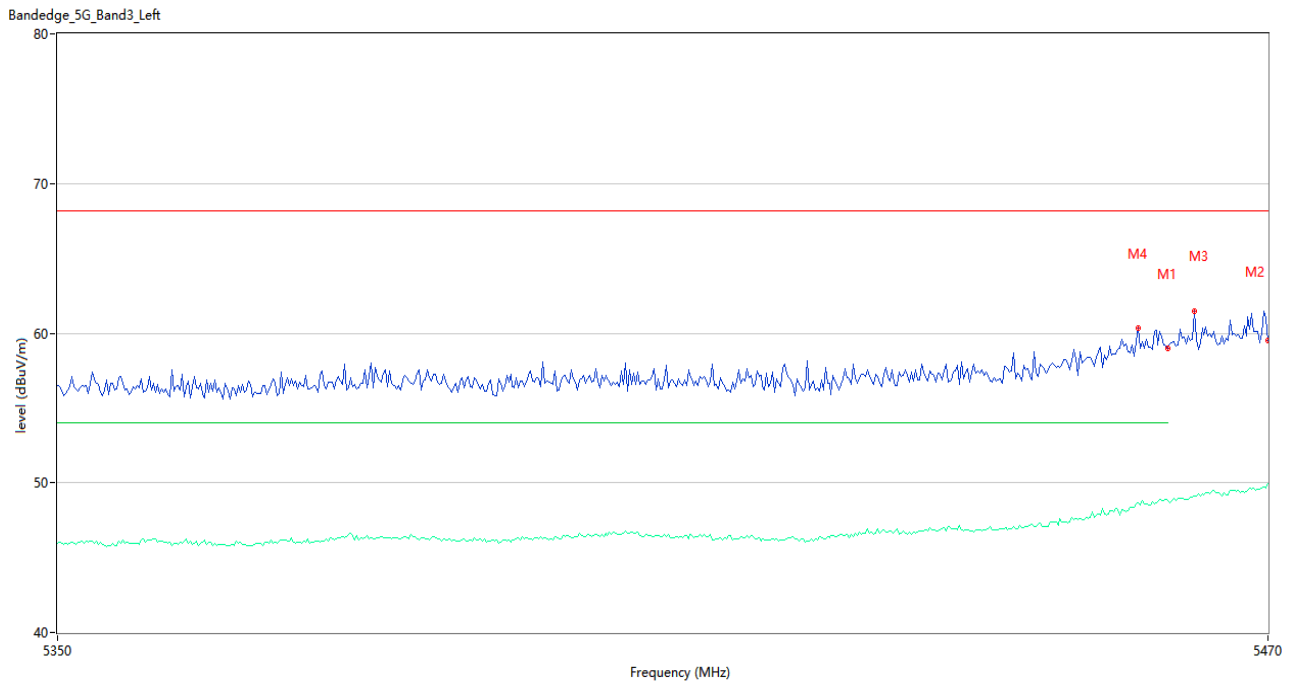
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	59.28	4.67	68.2	-8.92	Peak	6.00	150	Horizontal	Pass
1**	5460.000	47.72	4.67	54.0	-6.28	AV	6.00	150	Horizontal	Pass
2	5470.000	61.87	4.75	68.2	-6.33	Peak	1.00	150	Horizontal	Pass
2**	5470.000	49.61	4.75	--	49.61	AV	1.00	150	Horizontal	N/A
3	5469.600	62.61	4.71	68.2	-5.59	Peak	19.00	150	Horizontal	Pass
3**	5469.600	49.39	4.71	--	49.39	AV	19.00	150	Horizontal	N/A
4	5458.800	60.38	4.72	68.2	-7.82	Peak	15.00	150	Horizontal	Pass
4**	5458.800	47.72	4.72	54.0	-6.28	AV	15.00	150	Horizontal	Pass

U-NII-2C 11ac20 CH140



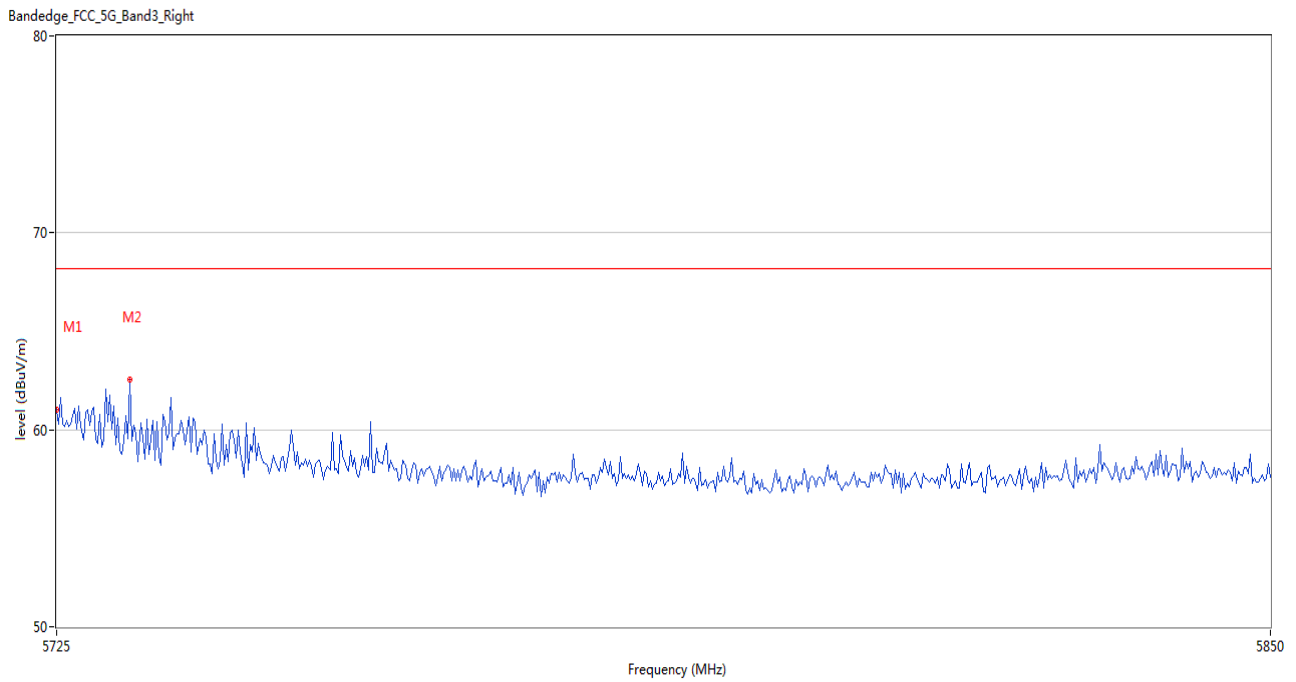
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.54	5.03	68.2	-5.66	Peak	8.00	150	Horizontal	Pass
2	5725.834	62.90	5.06	68.2	-5.30	Peak	1.00	150	Horizontal	Pass

U-NII-2C 11ac40 CH102



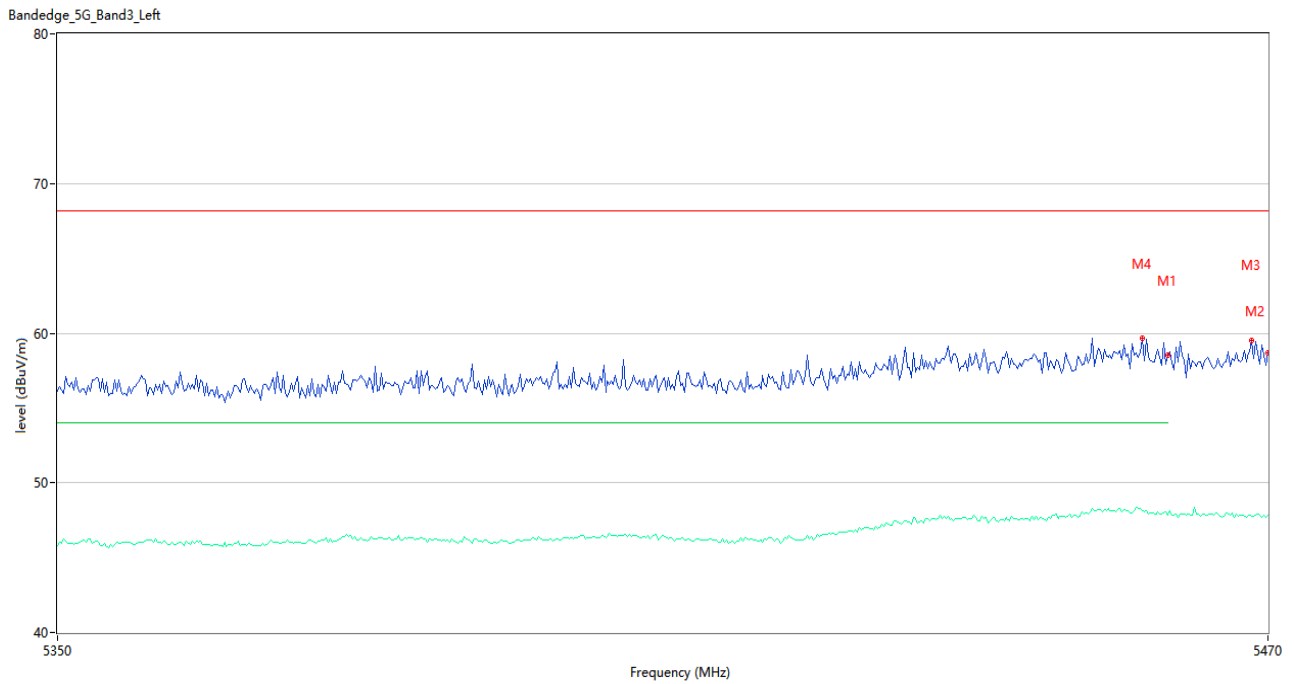
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	58.98	4.67	68.2	-9.22	Peak	7.00	150	Horizontal	Pass
1**	5460.000	48.78	4.67	54.0	-5.22	AV	7.00	150	Horizontal	Pass
2	5470.000	59.47	4.75	68.2	-8.73	Peak	11.00	150	Horizontal	Pass
2**	5470.000	49.91	4.75	--	49.91	AV	11.00	150	Horizontal	N/A
3	5462.600	61.49	4.70	68.2	-6.71	Peak	20.00	150	Horizontal	Pass
3**	5462.600	49.14	4.70	--	49.14	AV	20.00	150	Horizontal	N/A
4	5457.000	60.30	4.95	68.2	-7.90	Peak	8.00	150	Horizontal	Pass
4**	5457.000	48.65	4.95	54.0	-5.35	AV	8.00	150	Horizontal	Pass

U-NII-2C 11ac40 CH134



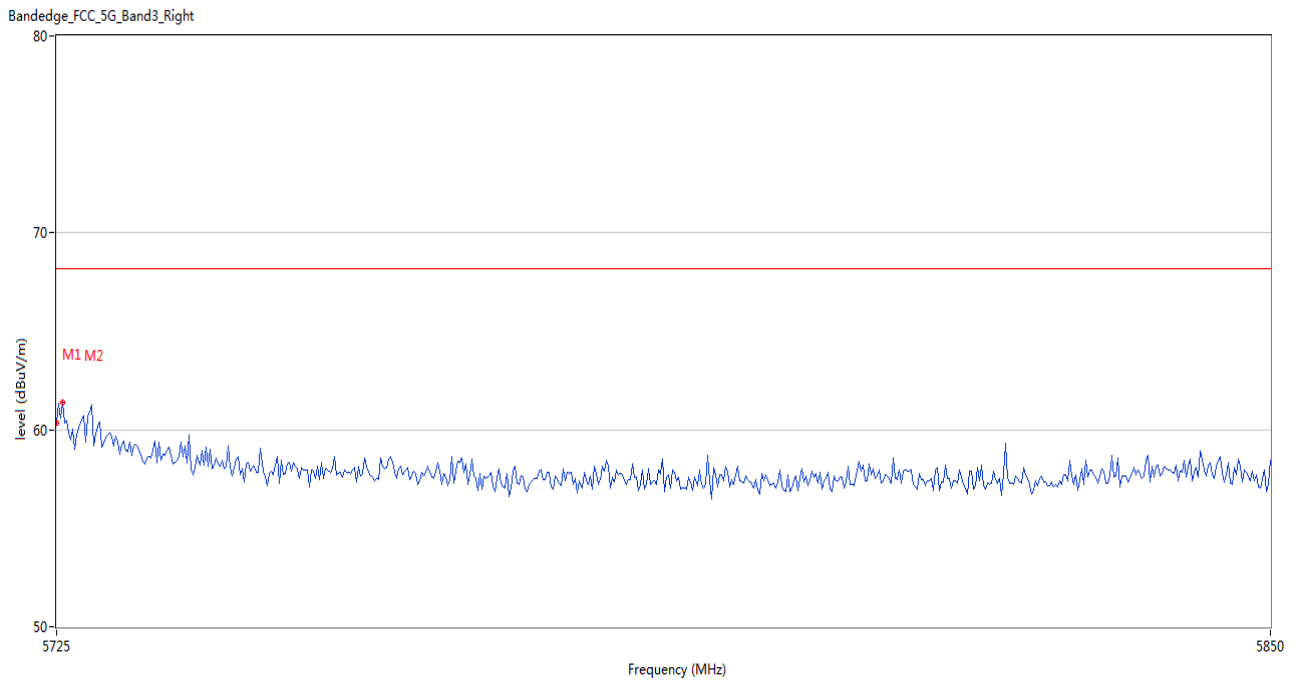
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	60.99	3.78	68.2	-7.21	Peak	149.00	150	Horizontal	Pass
2	5732.500	62.55	3.53	68.2	-5.65	Peak	42.00	150	Horizontal	Pass

U-NII-2C 11ac80 CH102



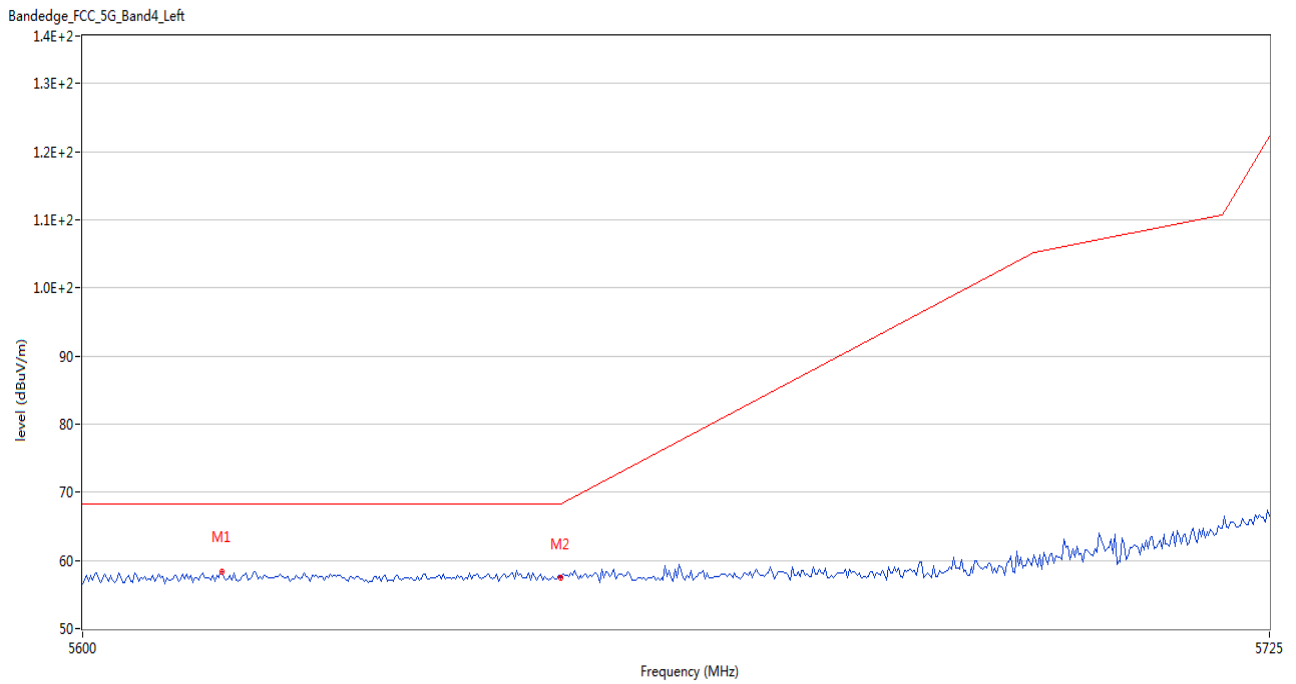
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	58.52	4.67	68.2	-9.68	Peak	2.00	150	Horizontal	Pass
1**	5460.000	47.83	4.67	54.0	-6.17	AV	2.00	150	Horizontal	Pass
2	5470.000	58.67	4.75	68.2	-9.53	Peak	21.00	150	Horizontal	Pass
2**	5470.000	47.83	4.75	--	47.83	AV	21.00	150	Horizontal	N/A
3	5468.400	59.54	4.79	68.2	-8.66	Peak	1.00	150	Horizontal	Pass
3**	5468.400	47.78	4.79	--	47.78	AV	1.00	150	Horizontal	N/A
4	5457.400	59.66	4.88	68.2	-8.54	Peak	1.00	150	Horizontal	Pass
4**	5457.400	48.17	4.88	54.0	-5.83	AV	1.00	150	Horizontal	Pass

U-NII-2C 11ac80 CH122



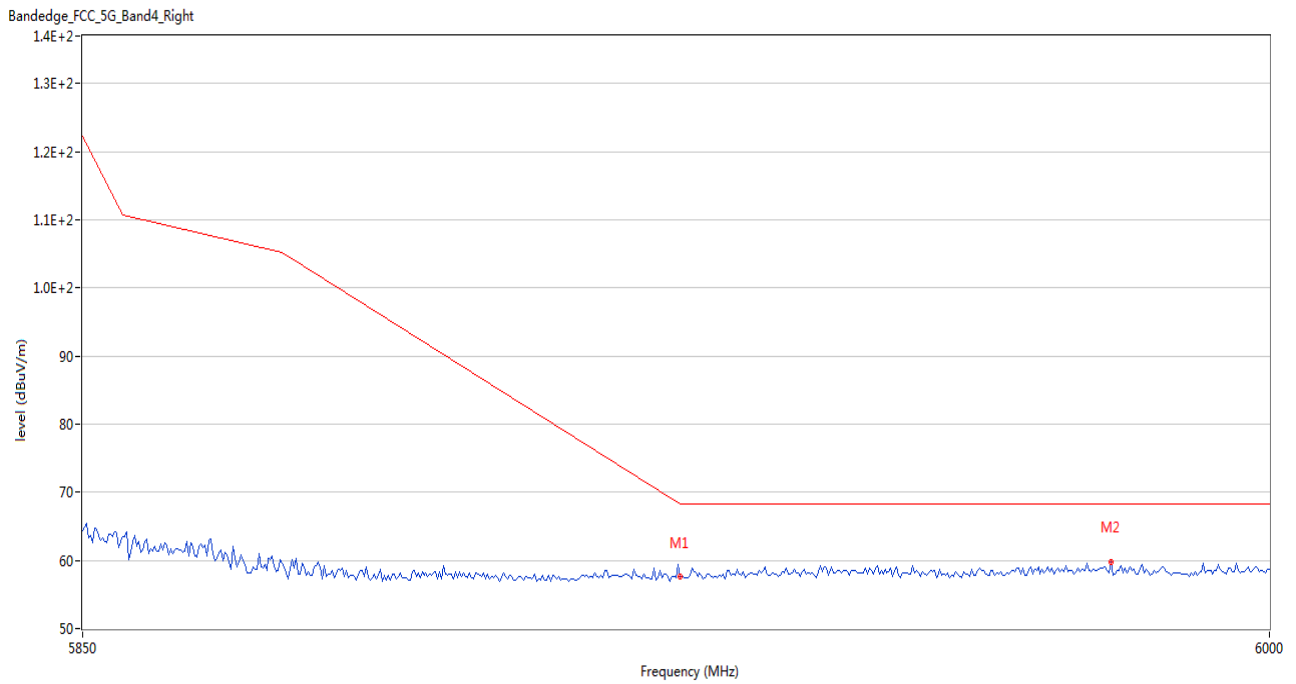
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	60.32	3.78	68.2	-7.88	Peak	118.00	150	Horizontal	Pass
2	5725.625	61.41	3.74	68.2	-6.79	Peak	111.00	150	Horizontal	Pass

U-NII-3 11a CH149



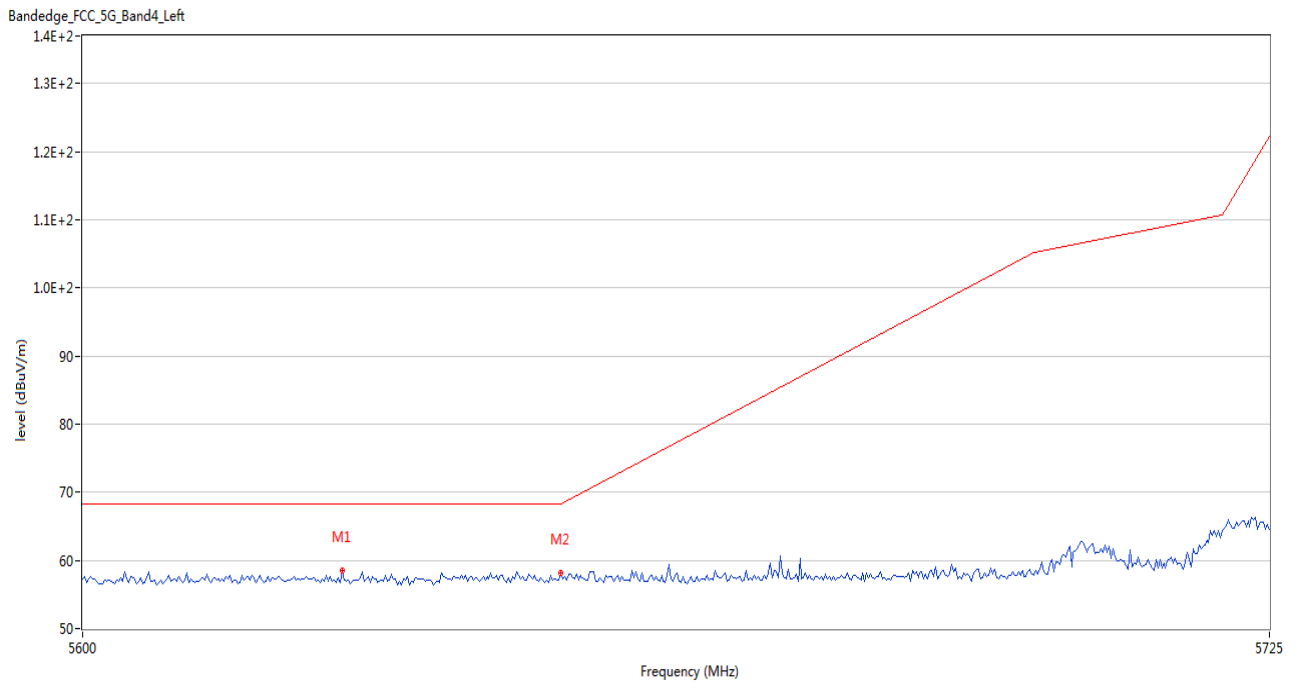
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5614.583	58.36	3.47	68.2	-9.84	Peak	28.00	150	Horizontal	Pass
2	5650.000	57.47	3.60	68.2	-10.73	Peak	90.00	150	Horizontal	Pass

U-NII-3 11a CH165



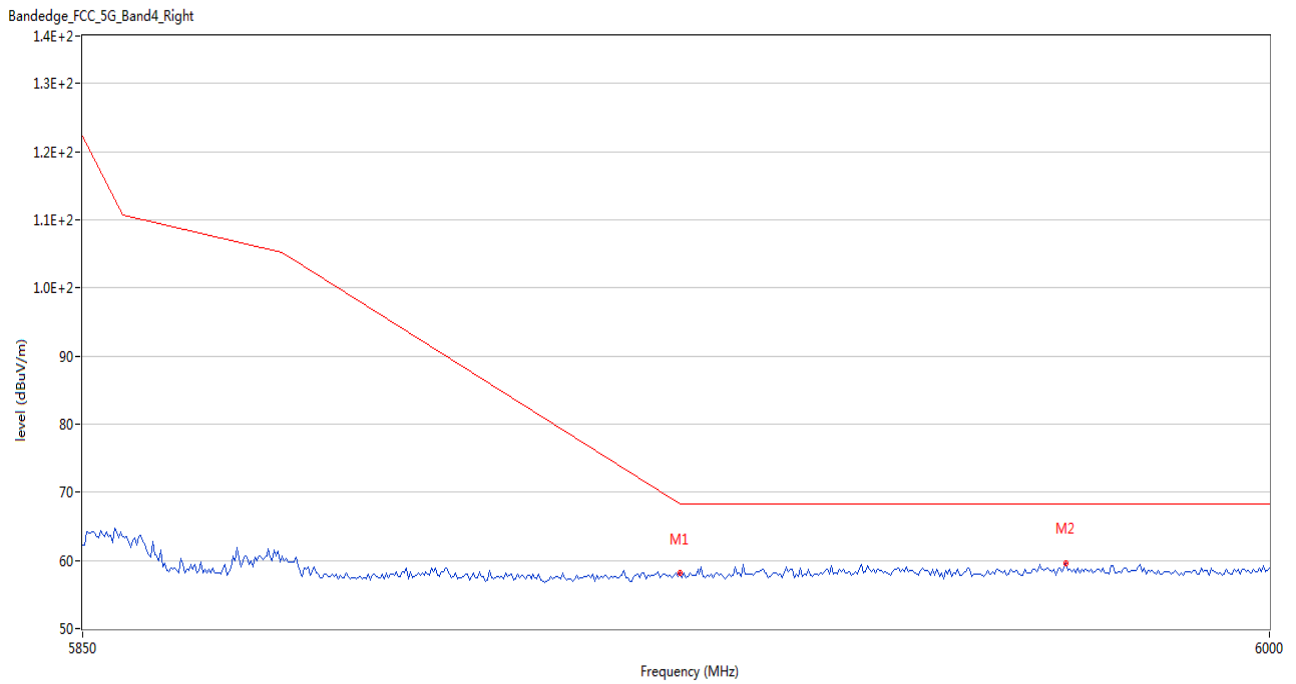
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.64	3.43	68.2	-10.56	Peak	0.00	150	Horizontal	Pass
2	5979.750	59.79	4.44	68.2	-8.41	Peak	167.00	150	Horizontal	Pass

U-NII-3 11n20 CH149



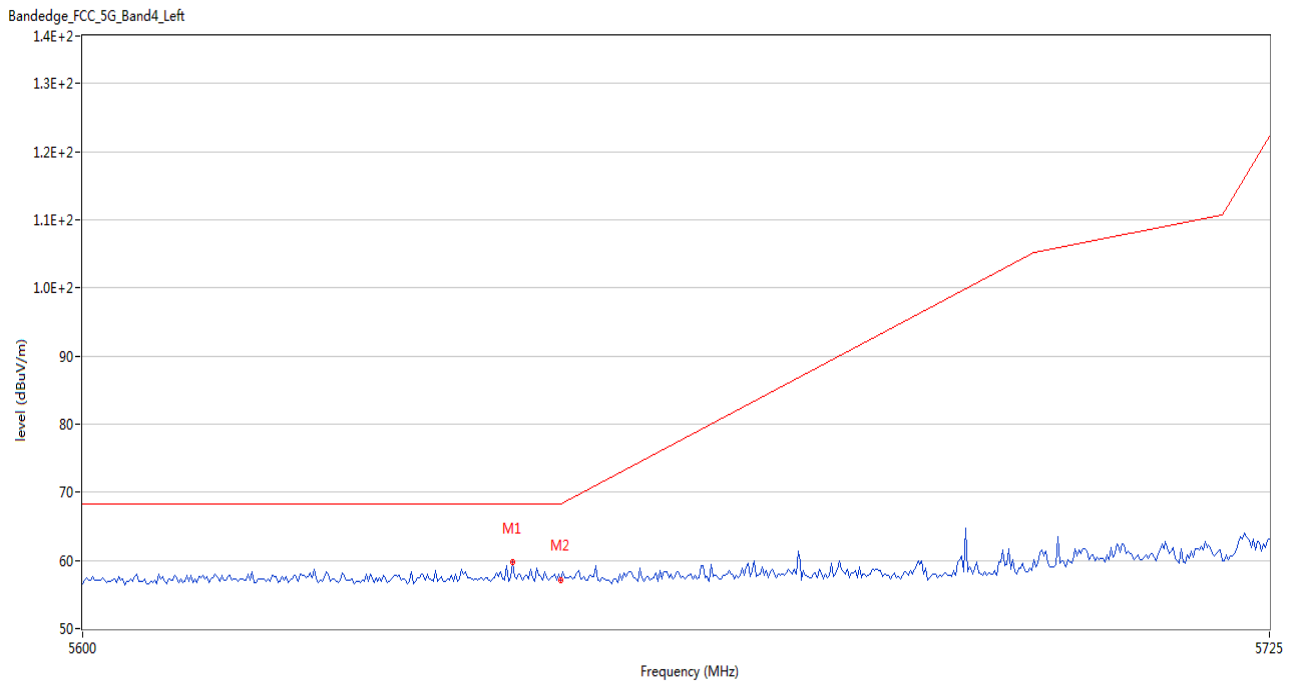
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5627.083	58.49	3.40	68.2	-9.71	Peak	245.00	150	Horizontal	Pass
2	5650.000	58.17	3.60	68.2	-10.03	Peak	295.00	150	Horizontal	Pass

U-NII-3 11n20 CH165



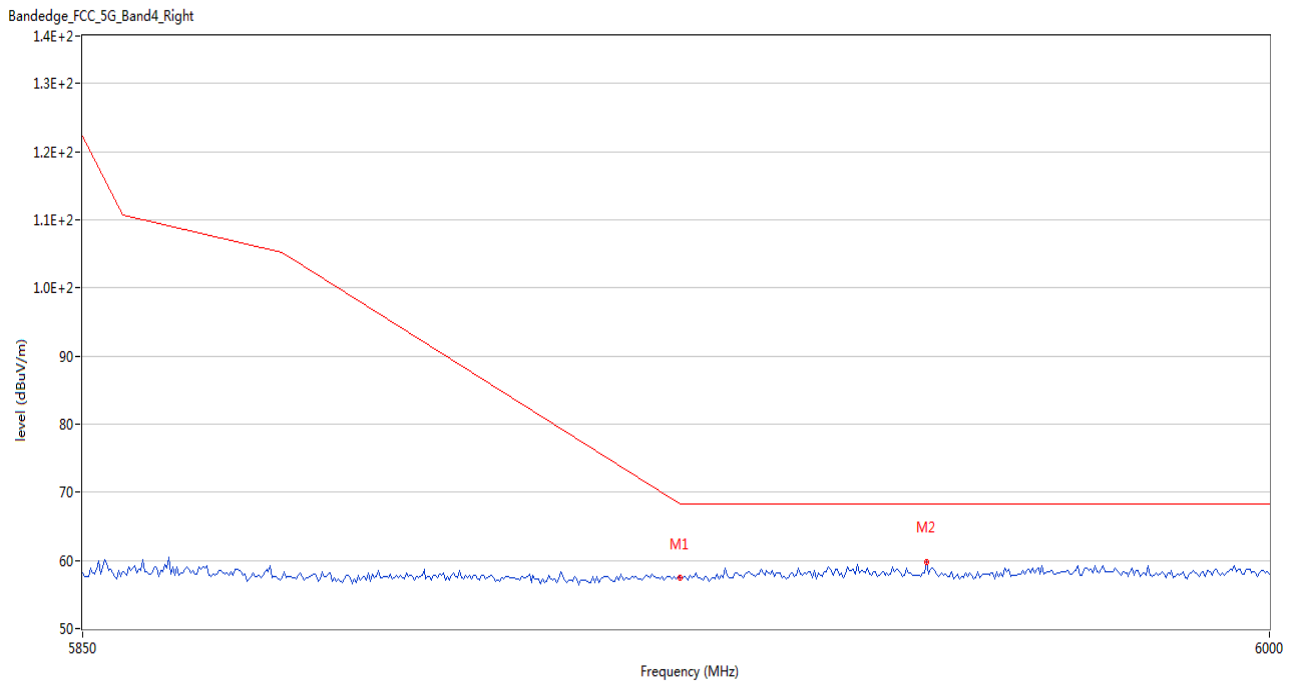
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.14	3.43	68.2	-10.06	Peak	280.00	150	Horizontal	Pass
2	5974.000	59.67	4.80	68.2	-8.53	Peak	141.00	150	Horizontal	Pass

U-NII-3 11n40 CH151



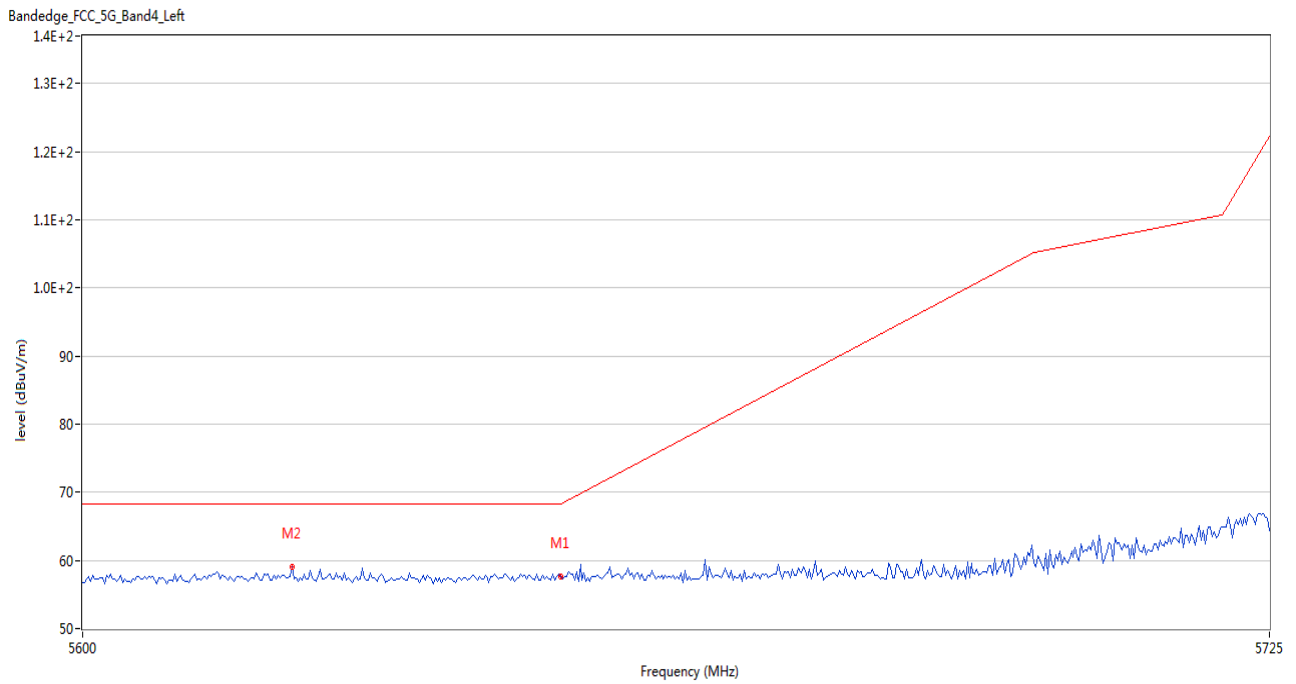
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5645.000	59.76	3.45	68.2	-8.44	Peak	117.00	150	Horizontal	Pass
2	5650.000	57.17	3.60	68.2	-11.03	Peak	167.00	150	Horizontal	Pass

U-NII-3 11n40 CH159



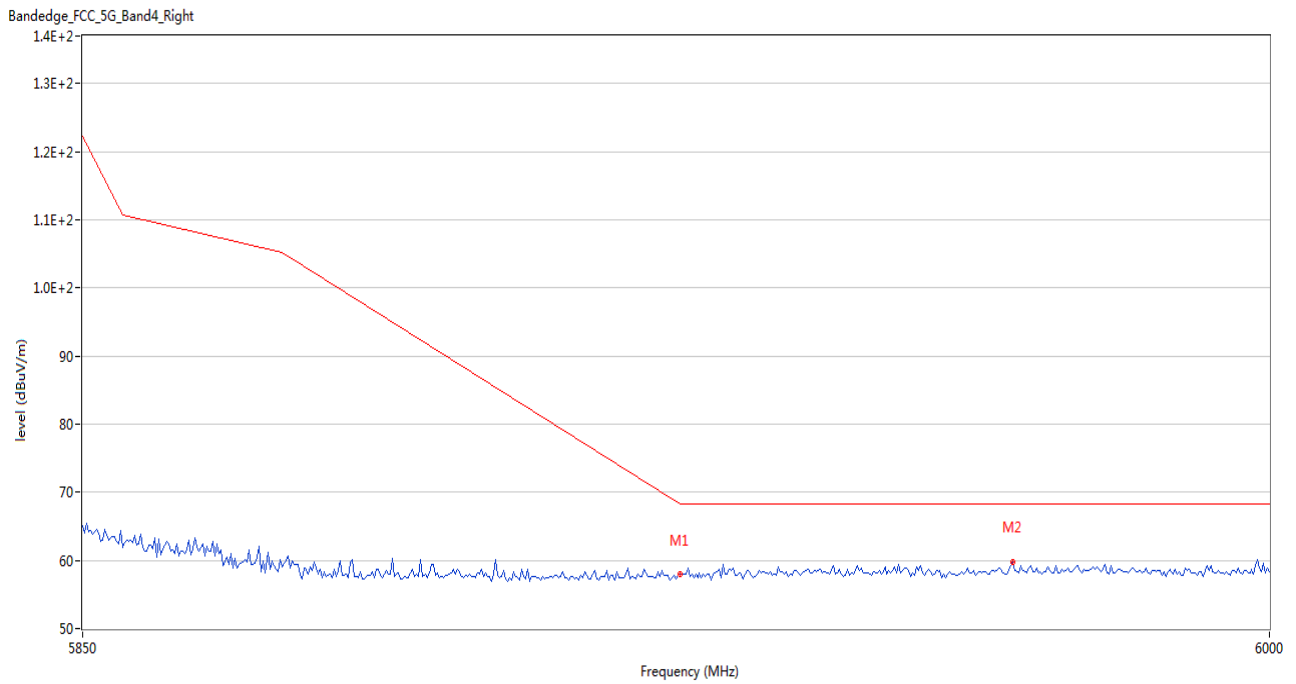
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.49	3.43	68.2	-10.71	Peak	141.00	150	Horizontal	Pass
2	5956.250	59.84	4.73	68.2	-8.36	Peak	277.00	150	Horizontal	Pass

U-NII-3 11ac20 CH149



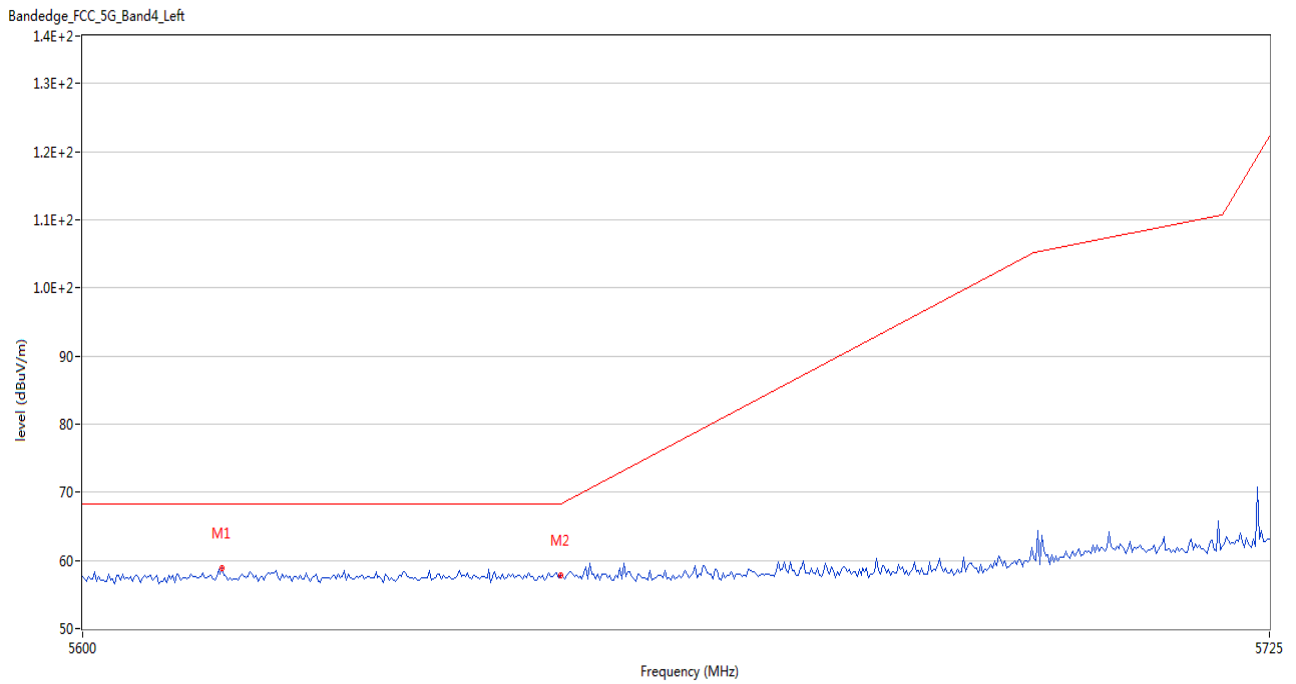
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.57	3.60	68.2	-10.63	Peak	314.00	150	Horizontal	Pass
2	5621.875	59.05	3.38	68.2	-9.15	Peak	15.00	150	Horizontal	Pass

U-NII-3 11ac20 CH165



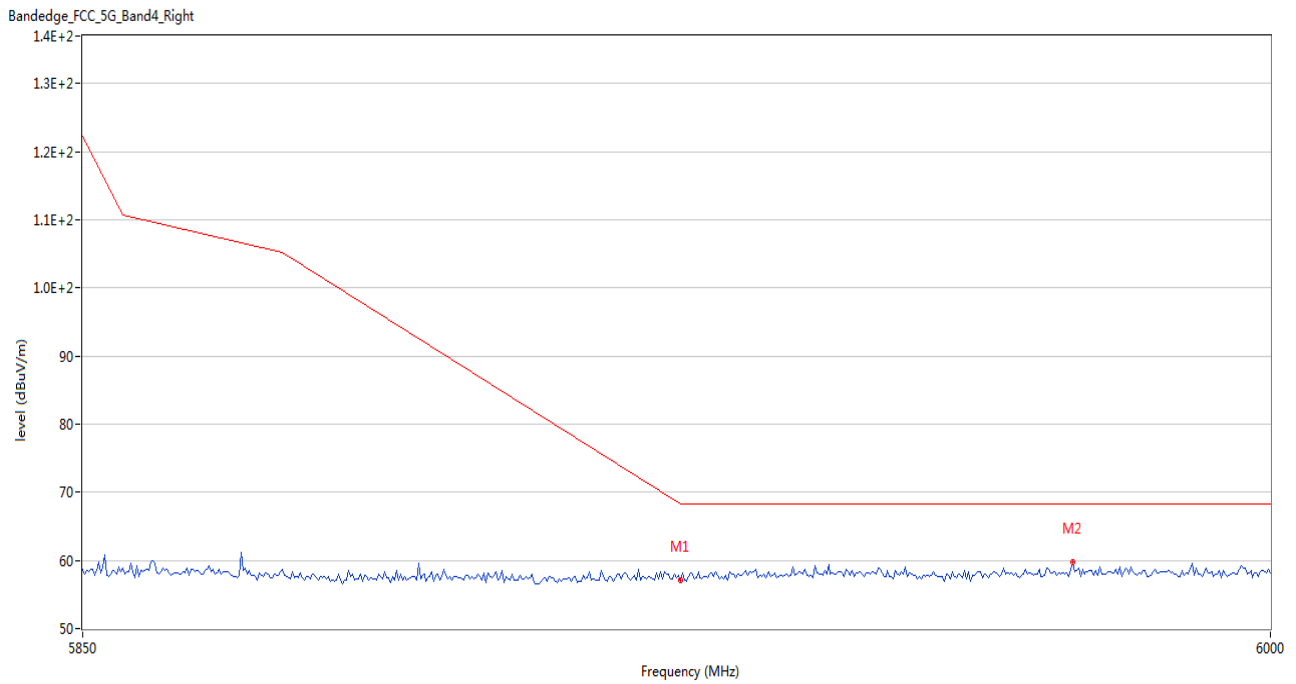
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.02	3.43	68.2	-10.18	Peak	209.00	150	Horizontal	Pass
2	5967.250	59.85	4.91	68.2	-8.35	Peak	297.00	150	Horizontal	Pass

U-NII-3 11ac40 CH151



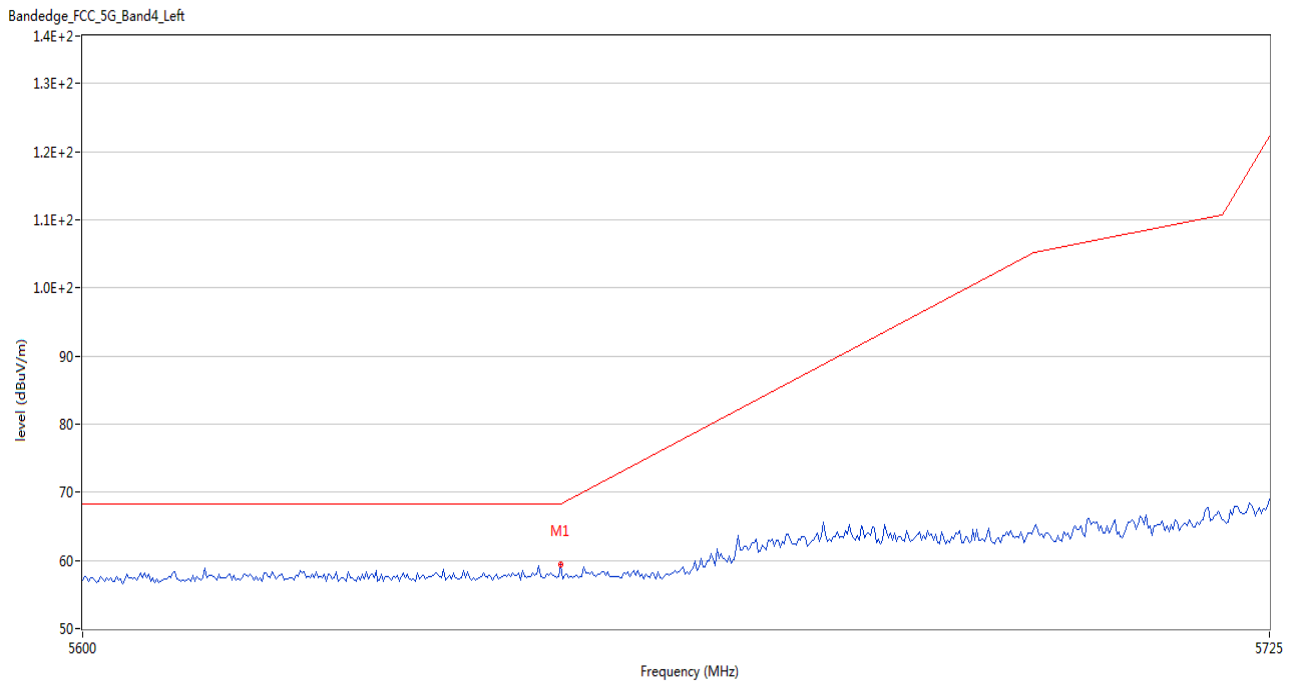
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5614.583	58.95	3.47	68.2	-9.25	Peak	120.00	150	Horizontal	Pass
2	5650.000	57.89	3.60	68.2	-10.31	Peak	193.00	150	Horizontal	Pass

U-NII-3 11ac40 CH159



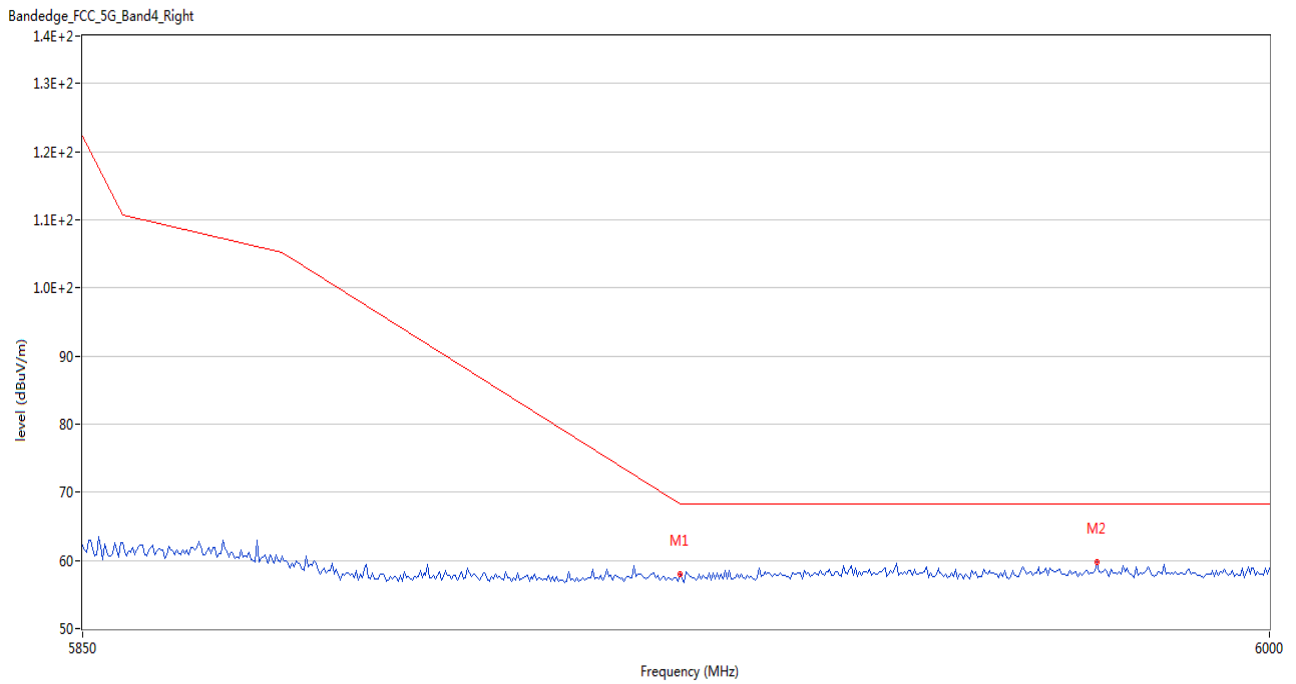
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.15	3.43	68.2	-11.05	Peak	87.00	150	Horizontal	Pass
2	5974.750	59.72	4.77	68.2	-8.48	Peak	346.00	150	Horizontal	Pass

U-NII-3 11ac80 CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	59.33	3.60	68.2	-8.87	Peak	176.00	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	57.91	3.43	68.2	-10.29	Peak	169.00	150	Horizontal	Pass
2	5978.000	59.74	4.66	68.2	-8.46	Peak	203.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-SZ21B0785-AR.PDF".

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document "BL-SZ21B0785-AW.PDF".

ANNEX D EUT INTERNAL PHOTOS

Please refer the document "BL-SZ21B0785-AI.PDF".

--END OF REPORT--