RF TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.

FOR

Mobile Phone

ISSUED TO
Realme Chongqing Mobile Telecommunications Corp., Ltd.

No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

Tested by: Ye Hongji
Date Sep. 16, 2021

Approved by: Liao Jianming
(Technical Director)
Date Sep. 16, 2021

Report No.:	BL-SZ2170683-604
EUT Name:	Mobile Phone
Model Name:	RMX3430
Brand Name:	realme
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
FCC ID:	2AUYFRMX3430
Test Conclusion:	Pass
Test Date:	Jul. 26, 2021 ~ Aug. 05, 2021
Date of Issue:	Sep. 16, 2021

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Revision History

Version	Issue Date	Revisions Content
Rev. 01	Sep. 16, 2021	Initial Issue

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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℃ to 25℃
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 v4.4.

(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

Applicant	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

2.2 Manufacturer

Manufacturer	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

2.3 Factory

Factory	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China

2.4 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	RMX3430
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	11
Software Version	realme UI V2.0
Dimensions (Approx.)	164.5*75.9*9.6mm
Weight (Approx.)	207g(with battery)

2.5 Technical Information

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

The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 19.04 dBm U-NII-2A: 19.32 dBm U-NII-2C: 19.24 dBm U-NII-3: 18.33 dBm
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	-3.0 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.

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	*#*#3646633#*#*

U-NII-1 (5150 - 5250 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH36	5180	12.5
11a	CH44	5220	17.5
11a	CH48	5240	18.0
11n (HT20)	CH36	5180	12.5
11n (HT20)	CH44	5220	17.5
11n (HT20)	CH48	5240	18.0
11n (HT40)	CH38	5190	12.0
11n (HT40)	CH46	5230	16.0
11ac (VHT20)	CH36	5180	12.5
11ac (VHT20)	CH44	5220	17.5
11ac (VHT20)	CH48	5240	18.0
11ac (VHT40)	CH38	5190	12.0
11ac (VHT40)	CH46	5230	16.0
11ac (VHT80)	CH42	5210	9.0

U-NII-2A (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH52	5260	18.0
11a	CH60	5300	18.0
11a	CH64	5320	14.0
11n (HT20)	CH52	5260	18.0
11n (HT20)	CH60	5300	18.0
11n (HT20)	CH64	5320	14.0
11n (HT40)	CH54	5270	17.0
11n (HT40)	CH62	5310	12.0
11ac (VHT20)	CH52	5260	18.0
11ac (VHT20)	CH60	5300	18.0
11ac (VHT20)	CH64	5320	14.0
11ac (VHT40)	CH54	5270	17.0
11ac (VHT40)	CH62	5310	12.0
11ac (VHT80)	CH58	5290	10.0

U-NII-2C (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH100	5500	14.0
11a	CH116	5580	18.0
11a	CH140	5700	11.0
11n (HT20)	CH100	5500	14.0
11n (HT20)	CH116	5580	18.0
11n (HT20)	CH140	5700	11.0
11n (HT40)	CH102	5510	12.5
11n (HT40)	CH118	5590	17.0
11n (HT40)	CH134	5670	12.5
11ac (VHT20)	CH100	5500	14.0
11ac (VHT20)	CH116	5580	18.0
11ac (VHT20)	CH140	5700	11.0
11ac (VHT40)	CH102	5510	12.5
11ac (VHT40)	CH118	5590	17.0
11ac (VHT40)	CH134	5670	12.5
11ac (VHT80)	CH106	5530	9.0
11ac (VHT80)	CH122	5610	15.0

U-NII-3 (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH149	5745	18.0
11a	CH157	5785	18.0
11a	CH165	5825	18.0
11n (HT20)	CH149	5745	18.0
11n (HT20)	CH157	5785	18.0
11n (HT20)	CH165	5825	18.0
11n (HT40)	CH151	5755	17.0
11n (HT40)	CH159	5795	17.0
11ac (VHT20)	CH149	5745	18.0
11ac (VHT20)	CH157	5785	18.0
11ac (VHT20)	CH165	5825	18.0
11ac (VHT40)	CH151	5755	17.0
11ac (VHT40)	CH159	5795	17.0
11ac (VHT80)	CH155	5775	17.0

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**	**155**	**5775**
52	**5260**	**102**	**5510**		
56	5280	110	5550		
60	**5300**	**134**	**5670**		
64	**5320**	**151**	**5755**		
100	**5500**	**159**	**5795**		
104	5520				
108	5540				
112	5560				
116	**5580**				
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℃ to +25℃
	LT (Low Temperature)	-10℃
	HT (High Temperature)	+55℃
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	2021.06.01	2022.05.31
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	2019.10.29	2021.10.28
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2019.07.02	2022.07.01
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1917	2019.07.02	2022.07.01
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2021.01.05	2023.01.04
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	2018.08.08	2022.08.07
Shielded Enclosure	ChangNing	CN-130701	130703	--	--

4.3 Measurement Uncertainty

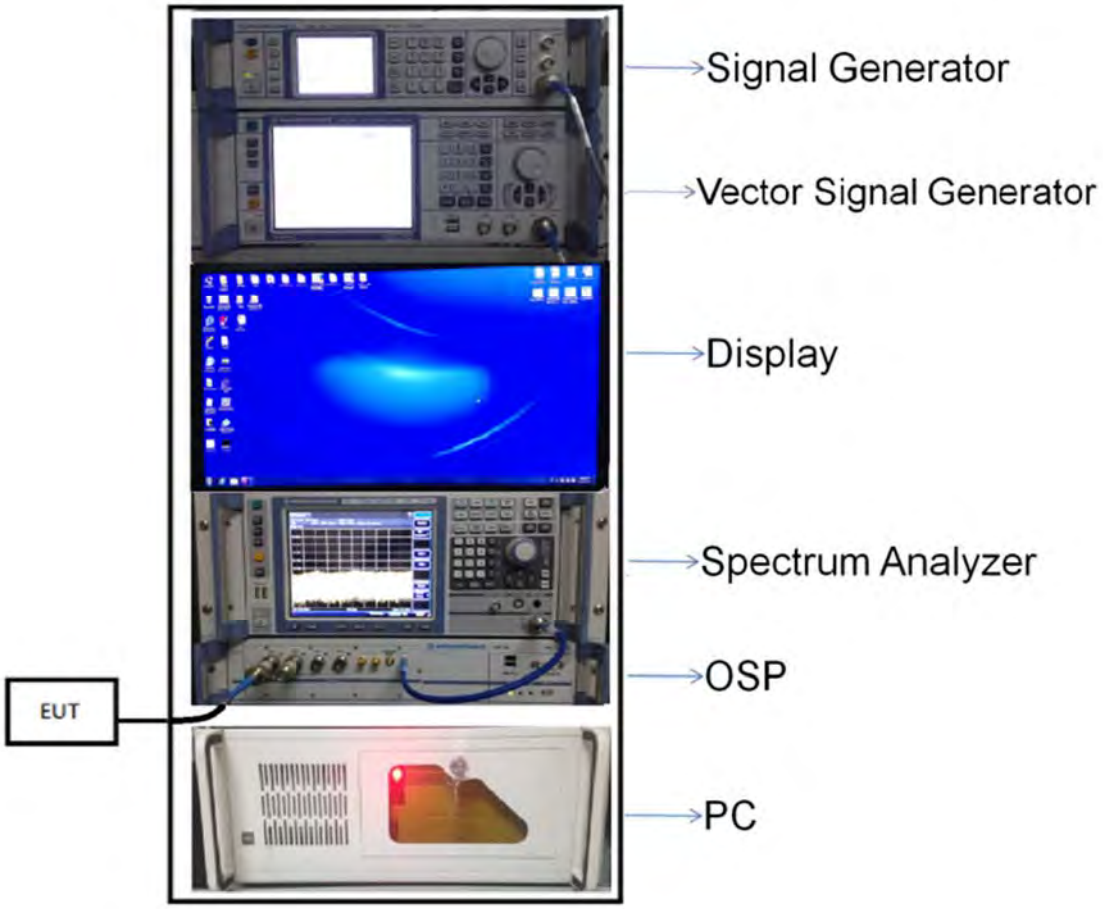
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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

Measurement	Value
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%

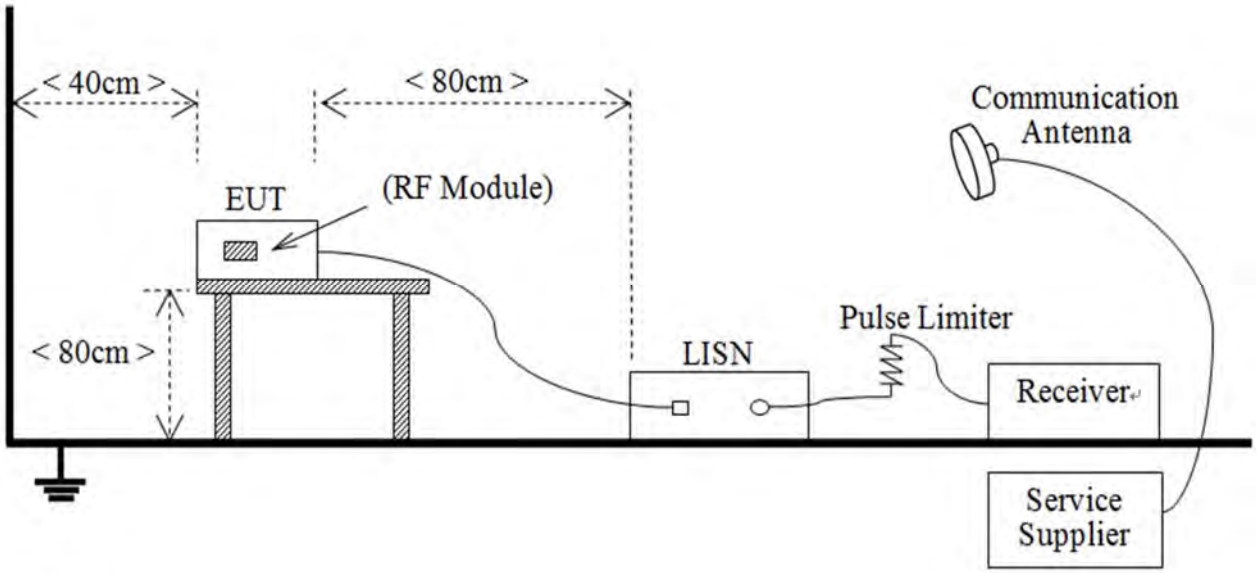
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



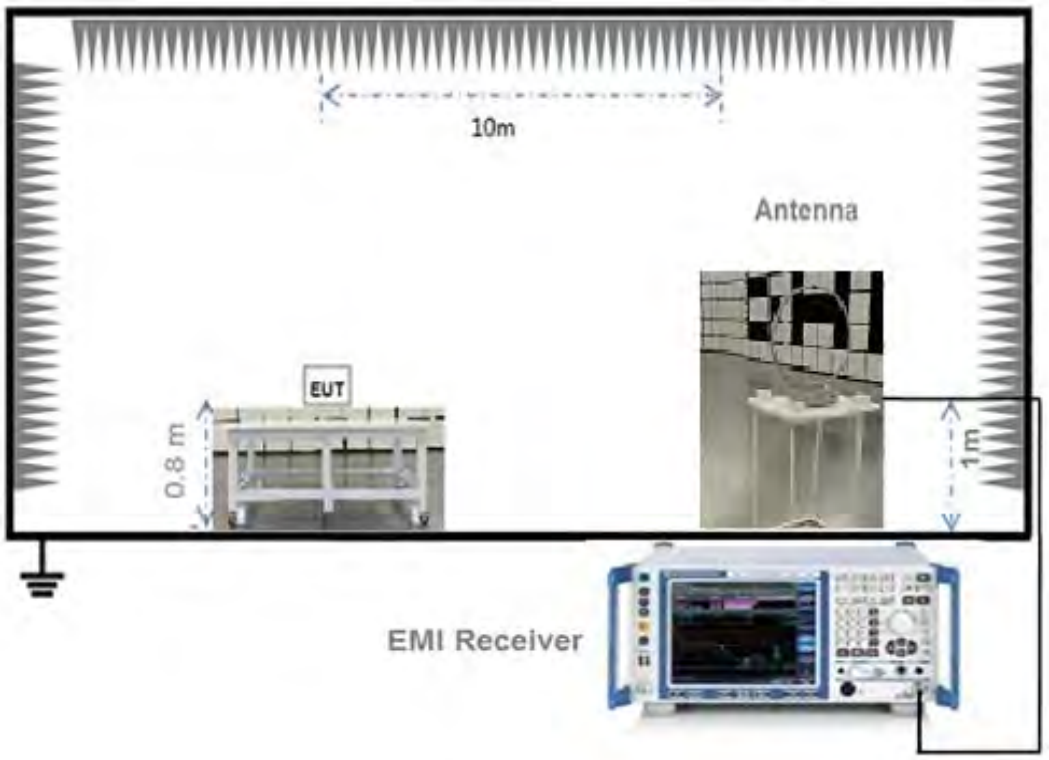
(Diagram 1)

4.4.2 For AC Power Supply Port Test



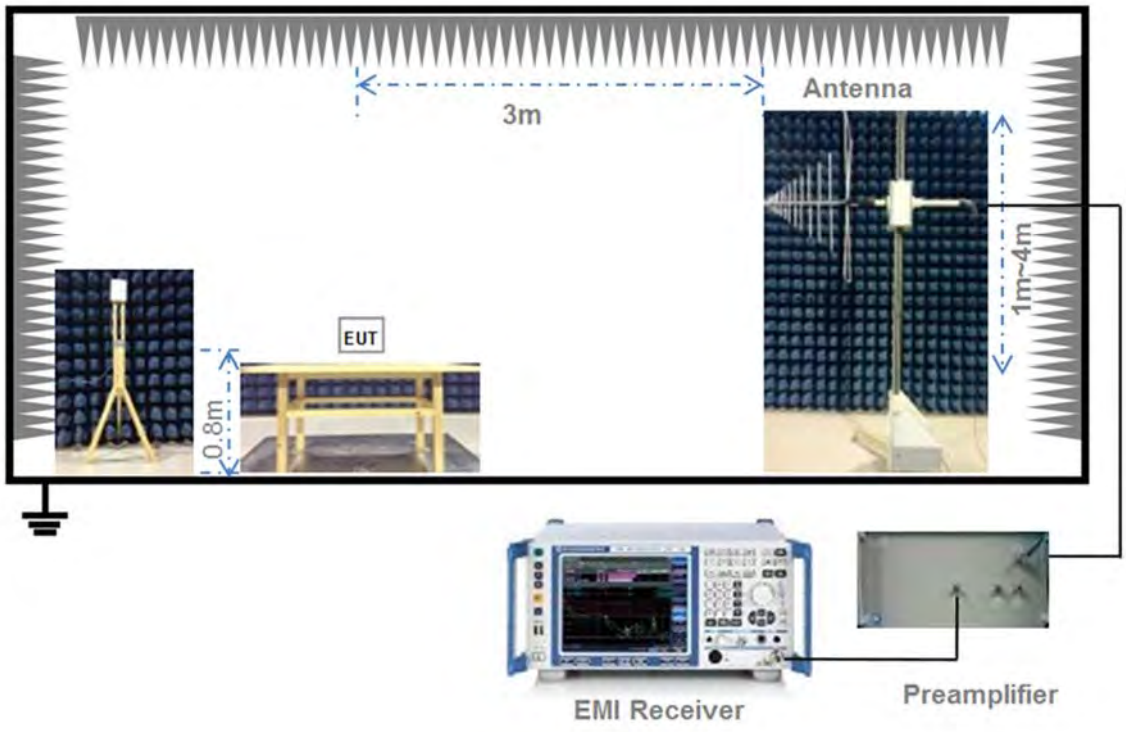
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



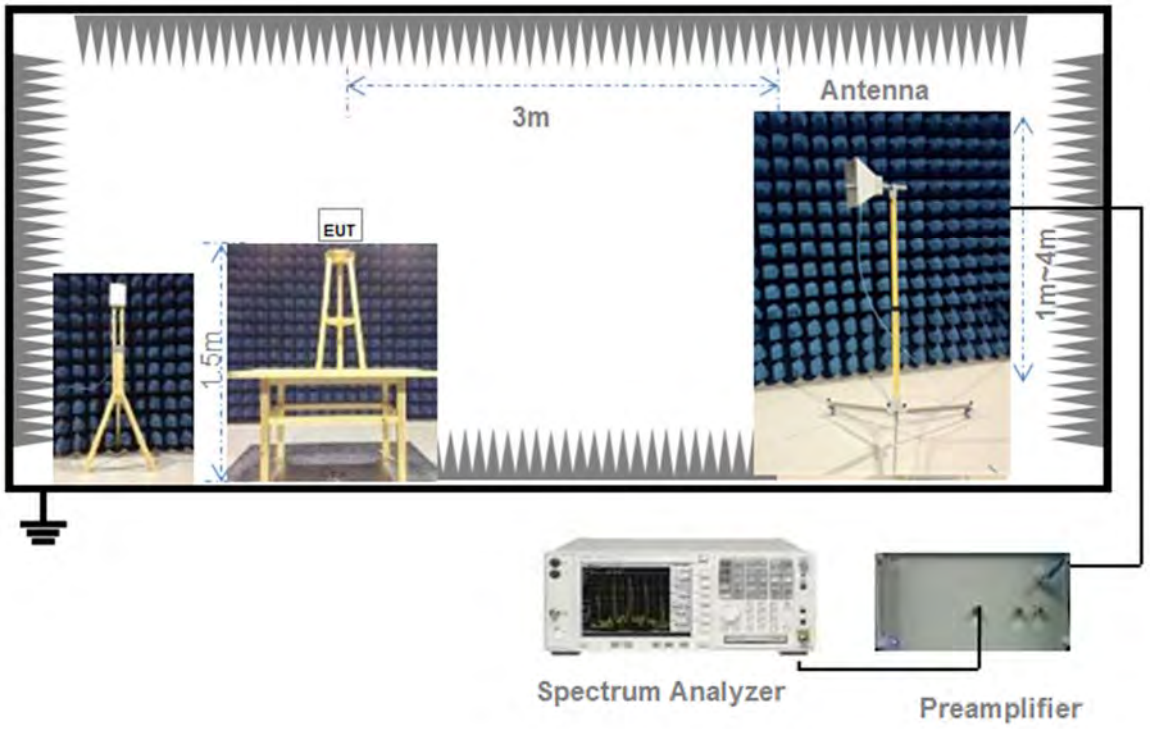
(Diagram 3)

4.4.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.4.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

RSS-247, 6.2

The maximum conducted output power shall not exceed:

Frequency Band (MHz)	Limit
5150-5250	N/A
5250-5350	250 mW or 11 dBm + 10log B, whichever is less.
5470-5725	250 mW or 11 dBm + 10log B, whichever is less.
5725-5850	1 W
Note: Where “B” is the 99% emissions bandwidth in MHz.	

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

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

5.1.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.1.3 Test Procedure

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

The test setup photo please refer to 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

Emission bandwidth

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

2. Set VBW ≥ 3*RBW,

3. Detector = Peak.

4. Trace mode = Max hold.

5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

1. Set Span = 1.5 times to 5.0 times the OBW

2. Set RBW = 1% to 5% of the OBW.

3. Set VBW ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

5. Use the 99% power bandwidth function of the instrument.

6 dB bandwidth

1. Set RBW = 100 kHz, VBW = 300 kHz.

2. Detector = Peak.Trace mode = Max hold.

3. Allow the trace to stabilize.

4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

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

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

5.3.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

The section 4.4.2 (Diagram 2) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

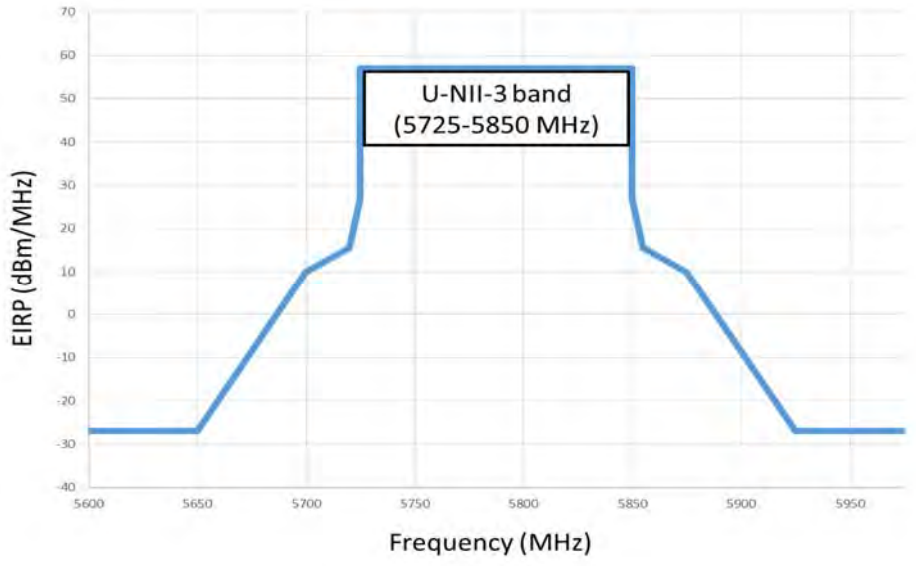
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

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

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

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

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

5.5.2 Test Setup

The section 4.4.3-4.4.5 (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:

$E = EIRP – 20\log D + 104.8$

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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 ≥ 3 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

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

Table 1—RBW as a function of frequency

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

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

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

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

a) The EUT shall be configured to operate at the maximum achievable duty cycle.

b) Measure the duty cycle, x, of the transmitter output signal as described in section 6.0.

c) RBW = 1 MHz (unless otherwise specified).

d) VBW ≥ 3 x RBW.

e) Detector = RMS, if span/(# of points in sweep) ≤ (RBW/2). Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.

f) Averaging type = power (i.e., RMS).

1) As an alternative, the detector and averaging type may be set for linear voltage averaging.

2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.

g) Sweep time = auto.

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

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

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

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

x is the duty cycle.

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured
RBW = 1 MHz for f ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ RBW
Sweep = auto

Detector function = peak
Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.15	20.65	250	Pass
11a	CH44	18.24	66.68	250	Pass
11a	CH48	19.04	80.17	250	Pass
11n (HT20)	CH36	13.13	20.56	250	Pass
11n (HT20)	CH44	17.98	62.81	250	Pass
11n (HT20)	CH48	18.90	77.62	250	Pass
11n (HT40)	CH38	12.54	17.95	250	Pass
11n (HT40)	CH46	16.78	47.64	250	Pass
11ac (VHT20)	CH36	13.19	20.84	250	Pass
11ac (VHT20)	CH44	17.98	62.81	250	Pass
11ac (HVT20)	CH48	18.86	76.91	250	Pass
11ac (VHT40)	CH38	11.95	15.67	250	Pass
11ac (VHT40)	CH46	16.95	49.55	250	Pass
11ac (VHT80)	CH42	9.60	9.12	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	19.30	85.11	250	Pass
11a	CH60	19.32	85.51	250	Pass
11a	CH64	15.20	33.11	250	Pass
11n (HT20)	CH52	19.31	85.31	250	Pass
11n (HT20)	CH60	19.21	83.37	250	Pass
11n (HT20)	CH64	15.24	33.42	250	Pass
11n (HT40)	CH54	18.29	67.45	250	Pass
11n (HT40)	CH62	13.22	20.99	250	Pass
11ac (VHT20)	CH52	19.29	84.92	250	Pass
11ac (VHT20)	CH60	19.26	84.33	250	Pass
11ac (HVT20)	CH64	15.31	33.96	250	Pass
11ac (VHT40)	CH54	18.25	66.83	250	Pass
11ac (VHT40)	CH62	13.23	21.04	250	Pass
11ac (VHT80)	CH58	11.08	12.82	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	15.38	34.51	250	Pass
11a	CH116	19.24	83.95	250	Pass
11a	CH140	11.22	13.24	250	Pass
11n (HT20)	CH100	15.24	33.42	250	Pass
11n (HT20)	CH116	19.09	81.10	250	Pass
11n (HT20)	CH140	11.09	12.85	250	Pass
11n (HT40)	CH102	13.52	22.49	250	Pass
11n (HT40)	CH118	17.98	62.81	250	Pass
11n (HT40)	CH134	12.90	19.50	250	Pass
11ac (VHT20)	CH100	15.16	32.81	250	Pass
11ac (VHT20)	CH116	19.04	80.17	250	Pass
11ac (VHT20)	CH140	11.16	13.06	250	Pass
11ac (VHT40)	CH102	13.54	22.59	250	Pass
11ac (VHT40)	CH118	18.01	63.24	250	Pass
11ac (VHT40)	CH134	13.06	20.23	250	Pass
11ac (VHT80)	CH106	9.72	9.38	250	Pass
11ac (VHT80)	CH122	16.13	41.02	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.88	61.38	1000	Pass
11a	CH157	17.96	62.52	1000	Pass
11a	CH165	18.28	67.30	1000	Pass
11n (HT20)	CH149	17.75	59.57	1000	Pass
11n (HT20)	CH157	17.70	58.88	1000	Pass
11n (HT20)	CH165	18.13	65.01	1000	Pass
11n (HT40)	CH151	16.77	47.53	1000	Pass
11n (HT40)	CH159	17.09	51.17	1000	Pass
11ac (VHT20)	CH149	18.05	63.83	1000	Pass
11ac (VHT20)	CH157	17.82	60.53	1000	Pass
11ac (VHT20)	CH165	18.33	68.08	1000	Pass
11ac (VHT40)	CH151	17.19	52.36	1000	Pass
11ac (VHT40)	CH159	17.52	56.49	1000	Pass
11ac (VHT80)	CH155	17.10	51.29	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ12170683-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.15	16.49
11a	CH44	24.99	16.64
11a	CH48	28.72	16.74
11n (HT20)	CH36	20.40	17.59
11n (HT20)	CH44	25.05	17.75
11n (HT20)	CH48	25.40	17.78
11n (HT40)	CH38	40.68	36.04
11n (HT40)	CH46	40.67	36.14
11ac (VHT20)	CH36	20.30	17.58
11ac (VHT20)	CH44	24.22	17.74
11ac (VHT20)	CH48	30.65	17.70
11ac (VHT40)	CH38	40.80	36.00
11ac (VHT40)	CH46	63.17	36.65
11ac (VHT80)	CH42	80.97	75.11

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	26.19	16.71
11a	CH60	27.57	16.73
11a	CH64	20.12	16.52
11n (HT20)	CH52	26.59	17.78
11n (HT20)	CH60	27.28	17.78
11n (HT20)	CH64	20.41	17.63
11n (HT40)	CH54	45.33	36.21
11n (HT40)	CH62	40.72	36.01
11ac (VHT20)	CH52	26.58	17.75
11ac (VHT20)	CH60	26.58	17.76
11ac (VHT20)	CH64	20.40	17.58
11ac (VHT40)	CH54	48.99	36.13
11ac (VHT40)	CH62	40.75	35.99
11ac (VHT80)	CH58	81.20	75.20

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.09	16.50
11a	CH116	26.53	16.72
11a	CH140	20.06	16.47
11n (HT20)	CH100	20.40	17.61
11n (HT20)	CH116	26.86	17.78
11n (HT20)	CH140	20.45	17.55
11n (HT40)	CH102	40.47	36.00
11n (HT40)	CH118	43.83	36.19
11n (HT40)	CH134	40.81	36.02
11ac (VHT20)	CH100	20.57	17.58
11ac (VHT20)	CH116	27.76	17.79
11ac (VHT20)	CH140	20.36	17.57
11ac (VHT40)	CH102	40.79	35.99
11ac (VHT40)	CH118	42.41	36.14
11ac (VHT40)	CH134	40.68	35.99
11ac (VHT80)	CH106	80.99	75.09
11ac (VHT80)	CH122	81.25	75.29

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	23.57	16.64
11a	CH157	23.39	16.63
11a	CH165	23.58	16.66
11n (HT20)	CH149	24.14	17.74
11n (HT20)	CH157	24.49	17.70
11n (HT20)	CH165	25.29	17.73
11n (HT40)	CH151	42.97	36.27
11n (HT40)	CH159	41.08	36.11
11ac (VHT20)	CH149	25.86	17.74
11ac (VHT20)	CH157	24.34	17.68
11ac (VHT20)	CH165	25.65	17.73
11ac (VHT40)	CH151	46.17	36.21
11ac (VHT40)	CH159	44.98	36.10
11ac (VHT80)	CH155	109.10	75.55

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2170683-604 Data Part 2.pdf”.

Test Data

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

A.4 Power Spectral Density

Note [1]: Test plots please refer to the document “Annex No.: BL-SZ2170683-604 Data Part 3.pdf”.
Note [2]: The RBW used in U-NII-3 is 1 MHz, and the PSD factor is: 10*log (500 kHz/RBW) =-3 dBm.
Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.53	11.00	Pass
11a	CH44	7.60	11.00	Pass
11a	CH48	8.23	11.00	Pass
11n (HT20)	CH36	2.15	11.00	Pass
11n (HT20)	CH44	7.24	11.00	Pass
11n (HT20)	CH48	7.90	11.00	Pass
11n (HT40)	CH38	-1.41	11.00	Pass
11n (HT40)	CH46	2.71	11.00	Pass
11ac (VHT20)	CH36	2.17	11.00	Pass
11ac (VHT20)	CH44	7.20	11.00	Pass
11ac (VHT20)	CH48	7.05	11.00	Pass
11ac (VHT40)	CH38	-2.04	11.00	Pass
11ac (VHT40)	CH46	3.12	11.00	Pass
11ac (VHT80)	CH42	-7.50	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	8.66	11.00	Pass
11a	CH60	8.73	11.00	Pass
11a	CH64	4.91	11.00	Pass
11n (HT20)	CH52	8.33	11.00	Pass
11n (HT20)	CH60	8.45	11.00	Pass
11n (HT20)	CH64	4.58	11.00	Pass
11n (HT40)	CH54	4.26	11.00	Pass
11n (HT40)	CH62	-0.68	11.00	Pass
11ac (VHT20)	CH52	8.24	11.00	Pass
11ac (VHT20)	CH60	8.47	11.00	Pass
11ac (VHT20)	CH64	4.52	11.00	Pass
11ac (VHT40)	CH54	4.21	11.00	Pass
11ac (VHT40)	CH62	-0.65	11.00	Pass
11ac (VHT80)	CH58	-6.29	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	4.63	11.00	Pass
11a	CH116	8.61	11.00	Pass
11a	CH140	0.42	11.00	Pass
11n (HT20)	CH100	4.28	11.00	Pass
11n (HT20)	CH116	8.24	11.00	Pass
11n (HT20)	CH140	0.10	11.00	Pass
11n (HT40)	CH102	-0.18	11.00	Pass
11n (HT40)	CH118	4.28	11.00	Pass
11n (HT40)	CH134	-0.93	11.00	Pass
11ac (VHT20)	CH100	4.29	11.00	Pass
11ac (VHT20)	CH116	8.29	11.00	Pass
11ac (VHT20)	CH140	0.11	11.00	Pass
11ac (VHT40)	CH102	-0.14	11.00	Pass
11ac (VHT40)	CH118	4.04	11.00	Pass
11ac (VHT40)	CH134	-0.84	11.00	Pass
11ac (VHT80)	CH106	-7.31	11.00	Pass
11ac (VHT80)	CH122	-1.08	11.00	Pass

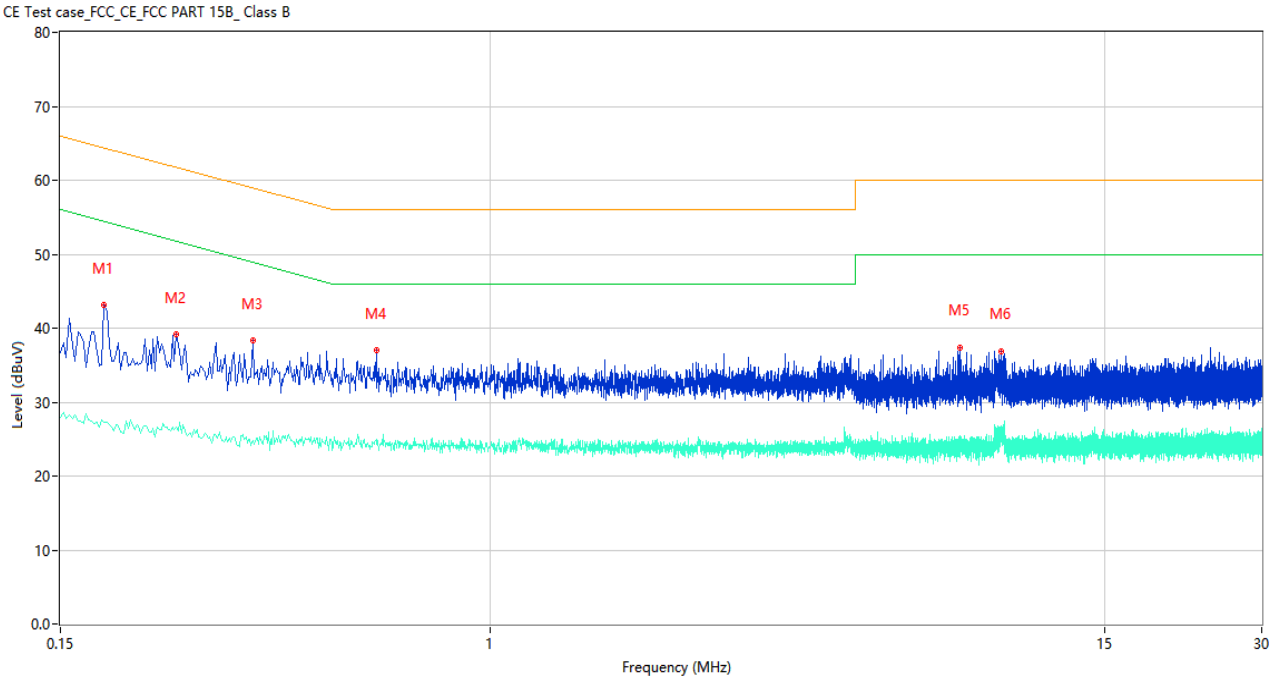
U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	4.39	30.00	Pass
11a	CH157	4.52	30.00	Pass
11a	CH165	5.02	30.00	Pass
11n (HT20)	CH149	4.26	30.00	Pass
11n (HT20)	CH157	4.42	30.00	Pass
11n (HT20)	CH165	4.63	30.00	Pass
11n (HT40)	CH151	0.02	30.00	Pass
11n (HT40)	CH159	0.66	30.00	Pass
11ac (VHT20)	CH149	4.47	30.00	Pass
11ac (VHT20)	CH157	4.34	30.00	Pass
11ac (VHT20)	CH165	4.68	30.00	Pass
11ac (VHT40)	CH151	0.62	30.00	Pass
11ac (VHT40)	CH159	1.27	30.00	Pass
11ac (VHT80)	CH155	-2.44	30.00	Pass

A.5 Conducted Emissions

Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.
Note [2]: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

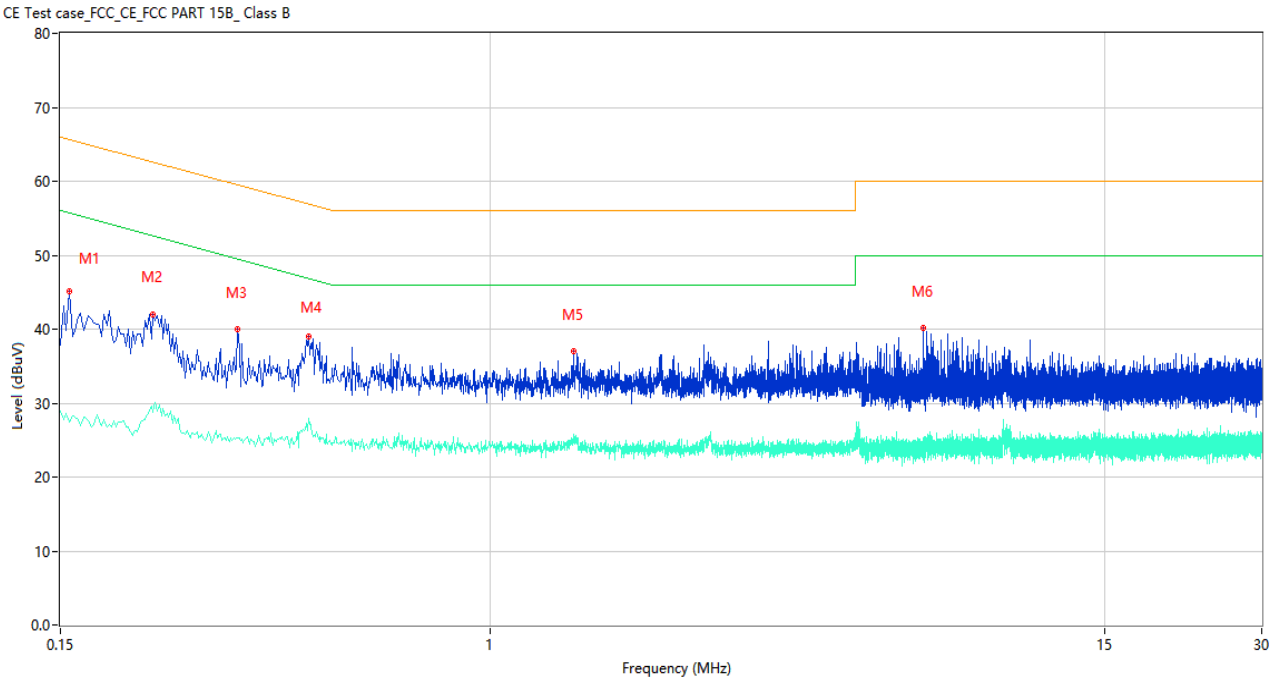
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.182	43.06	10.39	64.39	-21.33	Peak	L	Pass
1**	0.182	27.31	10.39	54.39	-27.08	AV	L	Pass
2	0.250	39.18	10.33	61.76	-22.58	Peak	L	Pass
2**	0.250	26.62	10.33	51.76	-25.14	AV	L	Pass
3	0.350	38.27	10.32	58.96	-20.69	Peak	L	Pass
3**	0.350	24.84	10.32	48.96	-24.12	AV	L	Pass
4	0.604	37.04	10.28	56.00	-18.96	Peak	L	Pass
4**	0.604	24.92	10.28	46.00	-21.08	AV	L	Pass
5	7.948	37.37	10.35	60.00	-22.63	Peak	L	Pass
5**	7.948	24.27	10.35	50.00	-25.73	AV	L	Pass
6	9.488	36.86	10.36	60.00	-23.14	Peak	L	Pass
6**	9.488	25.24	10.36	50.00	-24.76	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.156	45.12	10.41	65.67	-20.55	Peak	N	Pass
1**	0.156	27.37	10.41	55.67	-28.30	AV	N	Pass
2	0.226	42.04	10.36	62.60	-20.56	Peak	N	Pass
2**	0.226	28.84	10.36	52.60	-23.76	AV	N	Pass
3	0.328	39.94	10.33	59.50	-19.56	Peak	N	Pass
3**	0.328	25.24	10.33	49.50	-24.26	AV	N	Pass
4	0.448	39.06	10.30	56.91	-17.85	Peak	N	Pass
4**	0.448	27.88	10.30	46.91	-19.03	AV	N	Pass
5	1.442	36.98	10.25	56.00	-19.02	Peak	N	Pass
5**	1.442	25.81	10.25	46.00	-20.19	AV	N	Pass
6	6.746	40.13	10.34	60.00	-19.87	Peak	N	Pass
6**	6.746	23.24	10.34	50.00	-26.76	AV	N	Pass

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

Test Data

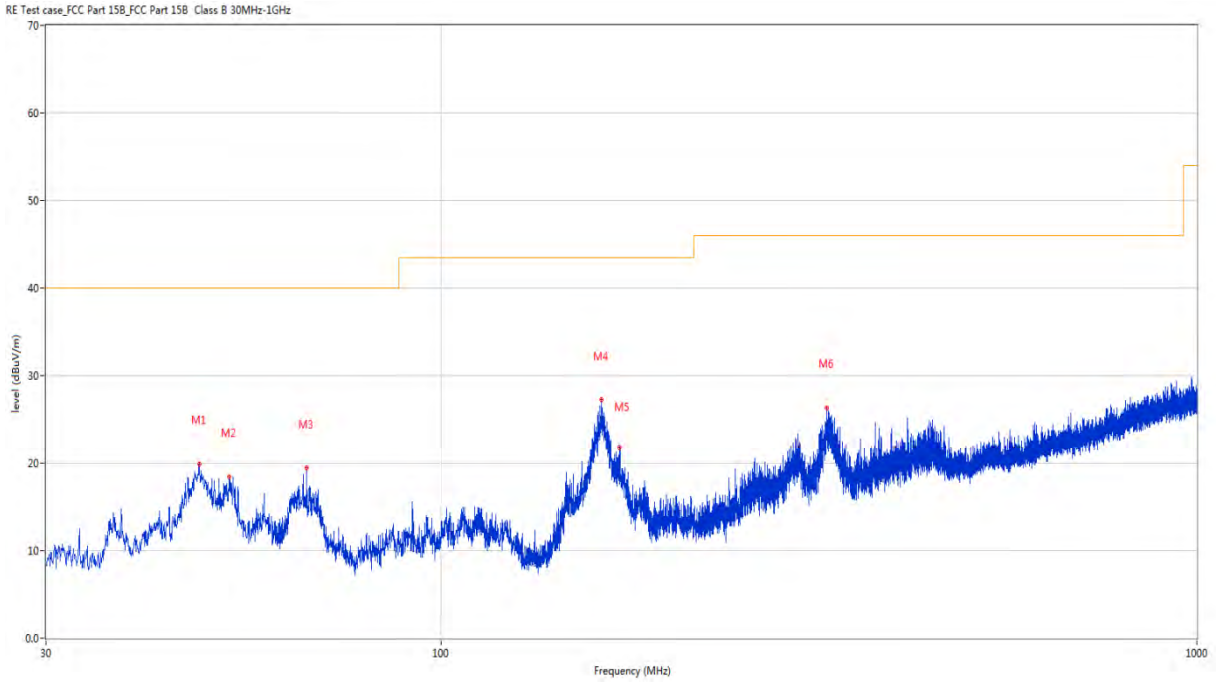
Note [1]: The symbol of “--” in the table which means not application.

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

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

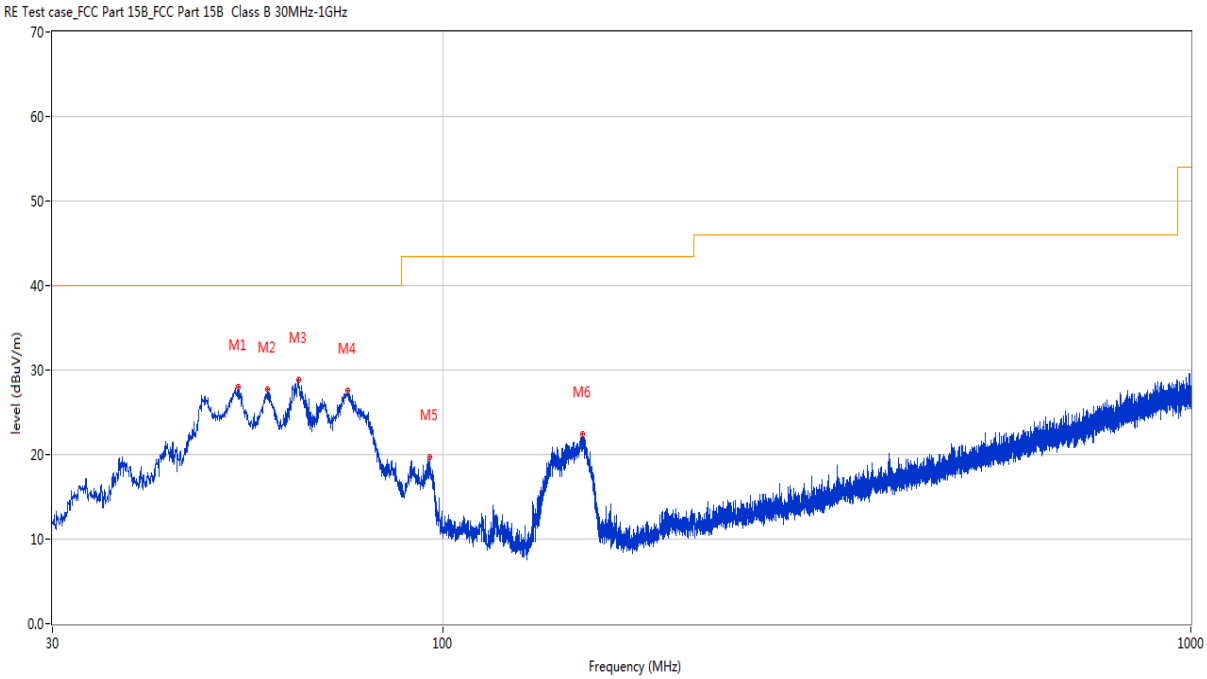
Note [4]: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.848	19.93	-22.67	40.0	-20.07	Peak	360.00	200	Horizontal	Pass
2	52.358	18.44	-23.11	40.0	-21.56	Peak	344.20	100	Horizontal	Pass
3	66.375	19.43	-25.25	40.0	-20.57	Peak	354.00	100	Horizontal	Pass
4	162.987	27.25	-26.96	43.5	-16.25	Peak	253.30	100	Horizontal	Pass
5	172.202	21.83	-26.39	43.5	-21.67	Peak	258.80	100	Horizontal	Pass
6	323.813	26.33	-21.07	46.0	-19.67	Peak	89.60	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	53.183	27.94	-22.97	40.0	-12.06	Peak	214.90	100	Vertical	Pass
2	58.227	27.66	-24.09	40.0	-12.34	Peak	269.10	100	Vertical	Pass
3	63.998	28.84	-24.93	40.0	-11.16	Peak	242.00	100	Vertical	Pass
4	74.572	27.53	-28.52	40.0	-12.47	Peak	172.10	100	Vertical	Pass
5	95.766	19.68	-24.77	43.5	-23.82	Peak	150.60	100	Vertical	Pass
6	153.675	22.36	-27.48	43.5	-21.14	Peak	263.50	100	Vertical	Pass

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

Main Antenna

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	1132.300	36.55	-18.21	74.0	-37.45	Peak	94.00	150	Horizontal	Pass
1**	1132.300	25.71	-18.21	54.0	-28.29	AV	94.00	150	Horizontal	Pass
2	1488.400	37.93	-17.20	74.0	-36.07	Peak	0.00	150	Horizontal	Pass
2**	1488.400	26.73	-17.20	54.0	-27.27	AV	0.00	150	Horizontal	Pass
3	2738.700	43.24	-11.40	74.0	-30.76	Peak	29.00	150	Horizontal	Pass
3**	2738.700	31.66	-11.40	54.0	-22.34	AV	29.00	150	Horizontal	Pass
4	5178.500	105.33	-1.60	--	-254.67	Peak	360.00	150	Horizontal	N/A
4**	5178.500	97.97	-1.60	--	97.97	AV	360.00	150	Horizontal	N/A
5	9140.237	49.79	-3.28	74.0	-24.21	Peak	360.00	150	Horizontal	Pass
5**	9140.237	39.74	-3.28	54.0	-14.26	AV	360.00	150	Horizontal	Pass
6	12005.913	50.54	-1.63	74.0	-23.46	Peak	250.00	150	Horizontal	Pass
6**	12005.913	42.47	-1.63	54.0	-11.53	AV	250.00	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	1498.400	37.13	-17.27	74.0	-36.87	Peak	323.00	150	Vertical	Pass
1**	1498.400	27.24	-17.27	54.0	-26.76	AV	323.00	150	Vertical	Pass
2	2781.200	42.70	-10.68	74.0	-31.30	Peak	24.00	150	Vertical	Pass
2**	2781.200	32.59	-10.68	54.0	-21.41	AV	24.00	150	Vertical	Pass
3	4865.750	51.64	-2.49	74.0	-22.36	Peak	198.00	150	Vertical	Pass
3**	4865.750	40.74	-2.49	54.0	-13.26	AV	198.00	150	Vertical	Pass
4	5181.500	96.02	-1.48	--	-76.98	Peak	173.00	150	Vertical	N/A
4**	5181.500	89.41	-1.48	--	89.41	AV	173.00	150	Vertical	N/A
5	11892.150	51.09	-1.49	74.0	-22.91	Peak	239.00	150	Vertical	Pass
5**	11892.150	41.17	-1.49	54.0	-12.83	AV	239.00	150	Vertical	Pass
6	15922.575	51.70	-0.74	74.0	-22.30	Peak	163.00	150	Vertical	Pass
6**	15922.575	42.31	-0.74	54.0	-11.69	AV	163.00	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	1567.600	38.06	-17.43	74.0	-35.94	Peak	276.00	150	Horizontal	Pass
1**	1567.600	27.08	-17.43	54.0	-26.92	AV	276.00	150	Horizontal	Pass
2	3816.750	47.30	-5.00	74.0	-26.70	Peak	83.00	150	Horizontal	Pass
2**	3816.750	37.44	-5.00	54.0	-16.56	AV	83.00	150	Horizontal	Pass
3	5201.500	108.80	-2.08	--	-247.20	Peak	356.00	150	Horizontal	N/A
3**	5201.500	102.13	-2.08	--	102.13	AV	356.00	150	Horizontal	N/A
4	8319.912	49.03	-4.62	74.0	-24.97	Peak	100.00	150	Horizontal	Pass
4**	8319.912	40.66	-4.62	54.0	-13.34	AV	100.00	150	Horizontal	Pass
5	11127.875	50.63	-2.87	74.0	-23.37	Peak	66.00	150	Horizontal	Pass
5**	11127.875	41.07	-2.87	54.0	-12.93	AV	66.00	150	Horizontal	Pass
6	15757.463	51.42	-0.39	74.0	-22.58	Peak	305.00	150	Horizontal	Pass
6**	15757.463	42.00	-0.39	54.0	-12.00	AV	305.00	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	1578.100	37.96	-17.42	74.0	-36.04	Peak	171.00	150	Vertical	Pass
1**	1578.100	27.28	-17.42	54.0	-26.72	AV	171.00	150	Vertical	Pass
2	2780.000	43.41	-10.75	74.0	-30.59	Peak	200.00	150	Vertical	Pass
2**	2780.000	32.45	-10.75	54.0	-21.55	AV	200.00	150	Vertical	Pass
3	5202.000	101.60	-2.06	--	-79.40	Peak	181.00	150	Vertical	N/A
3**	5202.000	93.75	-2.06	--	93.75	AV	181.00	150	Vertical	N/A
4	9387.237	50.30	-3.29	74.0	-23.70	Peak	262.00	150	Vertical	Pass
4**	9387.237	40.05	-3.29	54.0	-13.95	AV	262.00	150	Vertical	Pass
5	15583.688	51.45	-0.49	74.0	-22.55	Peak	329.00	150	Vertical	Pass
5**	15583.688	43.15	-0.49	54.0	-10.85	AV	329.00	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	1515.000	37.86	-17.41	74.0	-36.14	Peak	20.00	150	Horizontal	Pass
1**	1515.000	27.20	-17.41	54.0	-26.80	AV	20.00	150	Horizontal	Pass
2	2329.500	42.55	-12.58	74.0	-31.45	Peak	145.00	150	Horizontal	Pass
2**	2329.500	31.05	-12.58	54.0	-22.95	AV	145.00	150	Horizontal	Pass
3	4706.500	50.44	-2.46	74.0	-23.56	Peak	222.00	150	Horizontal	Pass
3**	4706.500	40.59	-2.46	54.0	-13.41	AV	222.00	150	Horizontal	Pass
4	5241.000	109.19	-2.20	--	109.19	Peak	0.00	150	Horizontal	N/A
4**	5241.000	102.19	-2.20	--	102.19	AV	0.00	150	Horizontal	N/A
5	8119.225	50.24	-3.24	74.0	-23.76	Peak	330.00	150	Horizontal	Pass
5**	8119.225	40.05	-3.24	54.0	-13.95	AV	330.00	150	Horizontal	Pass
6	11905.212	51.58	-1.47	74.0	-22.42	Peak	249.00	150	Horizontal	Pass
6**	11905.212	41.33	-1.47	54.0	-12.67	AV	249.00	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	1540.700	37.99	-17.41	74.0	-36.01	Peak	317.00	150	Vertical	Pass
1**	1540.700	26.97	-17.41	54.0	-27.03	AV	317.00	150	Vertical	Pass
2	3797.750	47.17	-5.59	74.0	-26.83	Peak	298.00	150	Vertical	Pass
2**	3797.750	37.60	-5.59	54.0	-16.40	AV	298.00	150	Vertical	Pass
3	5240.500	102.49	-2.19	--	-70.51	Peak	173.00	150	Vertical	N/A
3**	5240.500	94.43	-2.19	--	94.43	AV	173.00	150	Vertical	N/A
4	8355.300	48.83	-4.49	74.0	-25.17	Peak	295.00	150	Vertical	Pass
4**	8355.300	39.67	-4.49	54.0	-14.33	AV	295.00	150	Vertical	Pass
5	11113.625	50.87	-2.62	74.0	-23.13	Peak	19.00	150	Vertical	Pass
5**	11113.625	40.69	-2.62	54.0	-13.31	AV	19.00	150	Vertical	Pass
6	15923.888	52.32	-0.72	74.0	-21.68	Peak	0.00	150	Vertical	Pass
6**	15923.888	42.33	-0.72	54.0	-11.67	AV	0.00	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	1341.000	37.55	-17.35	74.0	-36.45	Peak	340.00	150	Horizontal	Pass
1**	1341.000	27.79	-17.35	54.0	-26.21	AV	340.00	150	Horizontal	Pass
2	2704.900	43.06	-11.03	74.0	-30.94	Peak	172.00	150	Horizontal	Pass
2**	2704.900	33.02	-11.03	54.0	-20.98	AV	172.00	150	Horizontal	Pass
3	4246.750	47.74	-3.65	74.0	-26.26	Peak	101.00	150	Horizontal	Pass
3**	4246.750	38.06	-3.65	54.0	-15.94	AV	101.00	150	Horizontal	Pass
4	5181.500	104.73	-1.48	--	96.73	Peak	8.00	150	Horizontal	N/A
4**	5181.500	96.33	-1.48	--	96.33	AV	8.00	150	Horizontal	N/A
5	10890.138	50.74	-3.44	74.0	-23.26	Peak	66.00	150	Horizontal	Pass
5**	10890.138	41.07	-3.44	54.0	-12.93	AV	66.00	150	Horizontal	Pass
6	15919.425	51.97	-0.78	74.0	-22.03	Peak	272.00	150	Horizontal	Pass
6**	15919.425	41.88	-0.78	54.0	-12.12	AV	272.00	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	1334.600	37.06	-17.39	74.0	-36.94	Peak	154.00	150	Vertical	Pass
1**	1334.600	27.78	-17.39	54.0	-26.22	AV	154.00	150	Vertical	Pass
2	2748.700	42.33	-10.82	74.0	-31.67	Peak	118.00	150	Vertical	Pass
2**	2748.700	32.81	-10.82	54.0	-21.19	AV	118.00	150	Vertical	Pass
3	3957.500	47.53	-5.19	74.0	-26.47	Peak	265.00	150	Vertical	Pass
3**	3957.500	37.06	-5.19	54.0	-16.94	AV	265.00	150	Vertical	Pass
4	5181.000	95.10	-1.50	--	-77.90	Peak	173.00	150	Vertical	N/A
4**	5181.000	87.62	-1.50	--	87.62	AV	173.00	150	Vertical	N/A
5	11922.312	50.89	-1.84	74.0	-23.11	Peak	318.00	150	Vertical	Pass
5**	11922.312	40.73	-1.84	54.0	-13.27	AV	318.00	150	Vertical	Pass
6	15599.963	52.69	-0.50	74.0	-21.31	Peak	68.00	150	Vertical	Pass
6**	15599.963	42.64	-0.50	54.0	-11.36	AV	68.00	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	1347.600	38.30	-16.96	74.0	-35.70	Peak	65.00	150	Horizontal	Pass
1**	1347.600	27.14	-16.96	54.0	-26.86	AV	65.00	150	Horizontal	Pass
2	3999.750	47.24	-4.88	74.0	-26.76	Peak	289.00	150	Horizontal	Pass
2**	3999.750	37.75	-4.88	54.0	-16.25	AV	289.00	150	Horizontal	Pass
3	5198.250	108.52	-2.23	--	-251.48	Peak	360.00	150	Horizontal	N/A
3**	5198.250	101.48	-2.23	--	101.48	AV	360.00	150	Horizontal	N/A
4	8128.725	49.60	-3.56	74.0	-24.40	Peak	158.00	150	Horizontal	Pass
4**	8128.725	40.23	-3.56	54.0	-13.77	AV	158.00	150	Horizontal	Pass
5	11114.100	50.49	-2.63	74.0	-23.51	Peak	89.00	150	Horizontal	Pass
5**	11114.100	41.37	-2.63	54.0	-12.63	AV	89.00	150	Horizontal	Pass
6	15605.213	52.07	-0.62	74.0	-21.93	Peak	7.00	150	Horizontal	Pass
6**	15605.213	42.81	-0.62	54.0	-11.19	AV	7.00	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	1500.000	37.82	-17.33	74.0	-36.18	Peak	328.00	150	Vertical	Pass
1**	1500.000	26.90	-17.33	54.0	-27.10	AV	328.00	150	Vertical	Pass
2	2783.600	42.91	-10.69	74.0	-31.09	Peak	0.00	150	Vertical	Pass
2**	2783.600	31.92	-10.69	54.0	-22.08	AV	0.00	150	Vertical	Pass
3	4249.000	47.99	-3.49	74.0	-26.01	Peak	0.00	150	Vertical	Pass
3**	4249.000	39.76	-3.49	54.0	-14.24	AV	0.00	150	Vertical	Pass
4	5198.750	101.58	-2.20	--	-84.42	Peak	186.00	150	Vertical	N/A
4**	5198.750	93.73	-2.20	--	93.73	AV	186.00	150	Vertical	N/A
5	11921.838	51.55	-1.83	74.0	-22.45	Peak	283.00	150	Vertical	Pass
5**	11921.838	42.68	-1.83	54.0	-11.32	AV	283.00	150	Vertical	Pass
6	15944.100	51.63	-0.44	74.0	-22.37	Peak	306.00	150	Vertical	Pass
6**	15944.100	43.31	-0.44	54.0	-10.69	AV	306.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.400	38.14	-17.45	74.0	-35.86	Peak	116.00	150	Horizontal	Pass
1**	1534.400	26.97	-17.45	54.0	-27.03	AV	116.00	150	Horizontal	Pass
2	3980.500	47.69	-4.35	74.0	-26.31	Peak	63.00	150	Horizontal	Pass
2**	3980.500	38.55	-4.35	54.0	-15.45	AV	63.00	150	Horizontal	Pass
3	5244.000	108.69	-2.17	--	-239.31	Peak	348.00	150	Horizontal	N/A
3**	5244.000	102.19	-2.17	--	102.19	AV	348.00	150	Horizontal	N/A
4	8217.312	49.45	-4.20	74.0	-24.55	Peak	187.00	150	Horizontal	Pass
4**	8217.312	39.15	-4.20	54.0	-14.85	AV	187.00	150	Horizontal	Pass
5	11125.026	50.11	-2.82	74.0	-23.89	Peak	302.00	150	Horizontal	Pass
5**	11125.026	40.91	-2.82	54.0	-13.09	AV	302.00	150	Horizontal	Pass
6	16114.463	51.99	-0.86	74.0	-22.01	Peak	8.00	150	Horizontal	Pass
6**	16114.463	43.60	-0.86	54.0	-10.40	AV	8.00	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	1362.000	38.36	-17.44	74.0	-35.64	Peak	55.00	150	Vertical	Pass
1**	1362.000	26.88	-17.44	54.0	-27.12	AV	55.00	150	Vertical	Pass
2	4170.250	48.35	-4.93	74.0	-25.65	Peak	290.00	150	Vertical	Pass
2**	4170.250	38.50	-4.93	54.0	-15.50	AV	290.00	150	Vertical	Pass
3	5241.250	101.53	-2.21	--	-78.47	Peak	180.00	150	Vertical	N/A
3**	5241.250	94.03	-2.21	--	94.03	AV	180.00	150	Vertical	N/A
4	8247.000	48.92	-4.57	74.0	-25.08	Peak	237.00	150	Vertical	Pass
4**	8247.000	39.50	-4.57	54.0	-14.50	AV	237.00	150	Vertical	Pass
5	11850.588	51.18	-2.14	74.0	-22.82	Peak	133.00	150	Vertical	Pass
5**	11850.588	42.34	-2.14	54.0	-11.66	AV	133.00	150	Vertical	Pass
6	15561.900	51.52	-0.48	74.0	-22.48	Peak	115.00	150	Vertical	Pass
6**	15561.900	41.81	-0.48	54.0	-12.19	AV	115.00	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	1349.000	37.89	-17.23	74.0	-36.11	Peak	57.00	150	Horizontal	Pass
1**	1349.000	27.46	-17.23	54.0	-26.54	AV	57.00	150	Horizontal	Pass
2	2839.600	42.90	-10.99	74.0	-31.10	Peak	169.00	150	Horizontal	Pass
2**	2839.600	32.12	-10.99	54.0	-21.88	AV	169.00	150	Horizontal	Pass
3	5184.250	102.60	-1.54	--	98.60	Peak	4.00	150	Horizontal	N/A
3**	5184.250	94.56	-1.54	--	94.56	AV	4.00	150	Horizontal	N/A
4	8224.912	48.85	-4.31	74.0	-25.15	Peak	155.00	150	Horizontal	Pass
4**	8224.912	39.93	-4.31	54.0	-14.07	AV	155.00	150	Horizontal	Pass
5	11769.838	50.59	-2.43	74.0	-23.41	Peak	85.00	150	Horizontal	Pass
5**	11769.838	41.21	-2.43	54.0	-12.79	AV	85.00	150	Horizontal	Pass
6	15588.150	51.85	-0.49	74.0	-22.15	Peak	210.00	150	Horizontal	Pass
6**	15588.150	42.14	-0.49	54.0	-11.86	AV	210.00	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	1365.700	38.16	-17.38	74.0	-35.84	Peak	3.00	150	Vertical	Pass
1**	1365.700	26.63	-17.38	54.0	-27.37	AV	3.00	150	Vertical	Pass
2	2848.900	42.74	-10.84	74.0	-31.26	Peak	114.00	150	Vertical	Pass
2**	2848.900	31.89	-10.84	54.0	-22.11	AV	114.00	150	Vertical	Pass
3	4143.000	48.01	-4.46	74.0	-25.99	Peak	29.00	150	Vertical	Pass
3**	4143.000	38.68	-4.46	54.0	-15.32	AV	29.00	150	Vertical	Pass
4	5187.250	93.88	-1.73	--	-88.12	Peak	182.00	150	Vertical	N/A
4**	5187.250	86.29	-1.73	--	86.29	AV	182.00	150	Vertical	N/A
5	8304.475	49.17	-4.85	74.0	-24.83	Peak	40.00	150	Vertical	Pass
5**	8304.475	42.90	-4.85	54.0	-11.10	AV	40.00	150	Vertical	Pass
6	12045.813	50.73	-2.52	74.0	-23.27	Peak	6.00	150	Vertical	Pass
6**	12045.813	40.85	-2.52	54.0	-13.15	AV	6.00	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	1541.500	37.28	-17.45	74.0	-36.72	Peak	235.00	150	Horizontal	Pass
1**	1541.500	26.73	-17.45	54.0	-27.27	AV	235.00	150	Horizontal	Pass
2	2845.400	43.88	-10.74	74.0	-30.12	Peak	95.00	150	Horizontal	Pass
2**	2845.400	32.34	-10.74	54.0	-21.66	AV	95.00	150	Horizontal	Pass
3	4400.000	45.94	-4.18	74.0	-28.06	Peak	314.00	150	Horizontal	Pass
3**	4400.000	38.86	-4.18	54.0	-15.14	AV	314.00	150	Horizontal	Pass
4	5221.250	106.02	-2.24	--	-249.98	Peak	356.00	150	Horizontal	N/A
4**	5221.250	98.26	-2.24	--	98.26	AV	356.00	150	Horizontal	N/A
5	8492.338	49.52	-4.21	74.0	-24.48	Peak	237.00	150	Horizontal	Pass
5**	8492.338	39.74	-4.21	54.0	-14.26	AV	237.00	150	Horizontal	Pass
6	11924.450	50.76	-1.89	74.0	-23.24	Peak	0.00	150	Horizontal	Pass
6**	11924.450	41.64	-1.89	54.0	-12.36	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.300	37.43	-17.37	74.0	-36.57	Peak	21.00	150	Vertical	Pass
1**	1545.300	27.37	-17.37	54.0	-26.63	AV	21.00	150	Vertical	Pass
2	2855.500	43.11	-10.56	74.0	-30.89	Peak	258.00	150	Vertical	Pass
2**	2855.500	32.53	-10.56	54.0	-21.47	AV	258.00	150	Vertical	Pass
3	3881.500	47.04	-5.07	74.0	-26.96	Peak	53.00	150	Vertical	Pass
3**	3881.500	37.61	-5.07	54.0	-16.39	AV	53.00	150	Vertical	Pass
4	5220.000	96.83	-2.13	--	-90.17	Peak	187.00	150	Vertical	N/A
4**	5220.000	89.09	-2.13	--	89.09	AV	187.00	150	Vertical	N/A
5	11898.563	50.70	-1.39	74.0	-23.30	Peak	16.00	150	Vertical	Pass
5**	11898.563	41.98	-1.39	54.0	-12.02	AV	16.00	150	Vertical	Pass
6	15748.013	52.27	-0.39	74.0	-21.73	Peak	114.00	150	Vertical	Pass
6**	15748.013	43.31	-0.39	54.0	-10.69	AV	114.00	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	1510.900	37.46	-17.28	74.0	-36.54	Peak	41.00	150	Horizontal	Pass
1**	1510.900	27.33	-17.28	54.0	-26.67	AV	41.00	150	Horizontal	Pass
2	2869.000	42.90	-10.22	74.0	-31.10	Peak	161.00	150	Horizontal	Pass
2**	2869.000	32.38	-10.22	54.0	-21.62	AV	161.00	150	Horizontal	Pass
3	4626.750	50.25	-3.37	74.0	-23.75	Peak	279.00	150	Horizontal	Pass
3**	4626.750	40.20	-3.37	54.0	-13.80	AV	279.00	150	Horizontal	Pass
4	5181.250	105.67	-1.49	--	-254.33	Peak	360.00	150	Horizontal	N/A
4**	5181.250	98.75	-1.49	--	98.75	AV	360.00	150	Horizontal	N/A
5	8118.513	49.62	-3.37	74.0	-24.38	Peak	329.00	150	Horizontal	Pass
5**	8118.513	40.75	-3.37	54.0	-13.25	AV	329.00	150	Horizontal	Pass
6	11846.787	51.27	-2.21	74.0	-22.73	Peak	248.00	150	Horizontal	Pass
6**	11846.787	41.56	-2.21	54.0	-12.44	AV	248.00	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	1543.500	37.33	-17.46	74.0	-36.67	Peak	303.00	150	Vertical	Pass
1**	1543.500	27.05	-17.46	54.0	-26.95	AV	303.00	150	Vertical	Pass
2	2801.400	42.65	-11.09	74.0	-31.35	Peak	123.00	150	Vertical	Pass
2**	2801.400	32.19	-11.09	54.0	-21.81	AV	123.00	150	Vertical	Pass
3	3950.000	48.03	-4.93	74.0	-25.97	Peak	63.00	150	Vertical	Pass
3**	3950.000	37.51	-4.93	54.0	-16.49	AV	63.00	150	Vertical	Pass
4	5181.500	96.29	-1.48	--	-83.71	Peak	180.00	150	Vertical	N/A
4**	5181.500	89.40	-1.48	--	89.40	AV	180.00	150	Vertical	N/A
5	8351.263	49.76	-3.93	74.0	-24.24	Peak	75.00	150	Vertical	Pass
5**	8351.263	40.81	-3.93	54.0	-13.19	AV	75.00	150	Vertical	Pass
6	11803.325	50.70	-2.91	74.0	-23.30	Peak	109.00	150	Vertical	Pass
6**	11803.325	40.68	-2.91	54.0	-13.32	AV	109.00	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	1342.500	37.97	-17.28	74.0	-36.03	Peak	138.00	150	Horizontal	Pass
1**	1342.500	27.40	-17.28	54.0	-26.60	AV	138.00	150	Horizontal	Pass
2	2844.500	43.81	-10.85	74.0	-30.19	Peak	231.00	150	Horizontal	Pass
2**	2844.500	32.61	-10.85	54.0	-21.39	AV	231.00	150	Horizontal	Pass
3	4006.750	47.55	-5.31	74.0	-26.45	Peak	62.00	150	Horizontal	Pass
3**	4006.750	37.73	-5.31	54.0	-16.27	AV	62.00	150	Horizontal	Pass
4	5199.750	109.62	-2.15	--	105.62	Peak	4.00	150	Horizontal	N/A
4**	5199.750	101.16	-2.15	--	101.16	AV	4.00	150	Horizontal	N/A
5	8346.750	49.06	-4.19	74.0	-24.94	Peak	261.00	150	Horizontal	Pass
5**	8346.750	40.58	-4.19	54.0	-13.42	AV	261.00	150	Horizontal	Pass
6	11119.563	50.87	-2.73	74.0	-23.13	Peak	144.00	150	Horizontal	Pass
6**	11119.563	41.12	-2.73	54.0	-12.88	AV	144.00	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	1536.400	37.07	-17.50	74.0	-36.93	Peak	134.00	150	Vertical	Pass
1**	1536.400	27.05	-17.50	54.0	-26.95	AV	134.00	150	Vertical	Pass
2	2836.600	42.97	-10.83	74.0	-31.03	Peak	147.00	150	Vertical	Pass
2**	2836.600	32.20	-10.83	54.0	-21.80	AV	147.00	150	Vertical	Pass
3	3886.750	47.37	-5.17	74.0	-26.63	Peak	321.00	150	Vertical	Pass
3**	3886.750	37.25	-5.17	54.0	-16.75	AV	321.00	150	Vertical	Pass
4	5199.000	101.07	-2.19	--	-85.93	Peak	187.00	150	Vertical	N/A
4**	5199.000	94.87	-2.19	--	94.87	AV	187.00	150	Vertical	N/A
5	8123.737	50.05	-3.23	74.0	-23.95	Peak	202.00	150	Vertical	Pass
5**	8123.737	40.51	-3.23	54.0	-13.49	AV	202.00	150	Vertical	Pass
6	11916.375	50.96	-1.71	74.0	-23.04	Peak	178.00	150	Vertical	Pass
6**	11916.375	42.33	-1.71	54.0	-11.67	AV	178.00	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	1482.300	37.15	-17.27	74.0	-36.85	Peak	290.00	150	Horizontal	Pass
1**	1482.300	26.69	-17.27	54.0	-27.31	AV	290.00	150	Horizontal	Pass
2	2834.200	42.66	-10.93	74.0	-31.34	Peak	216.00	150	Horizontal	Pass
2**	2834.200	32.21	-10.93	54.0	-21.79	AV	216.00	150	Horizontal	Pass
3	3785.250	47.35	-5.21	74.0	-26.65	Peak	29.00	150	Horizontal	Pass
3**	3785.250	37.05	-5.21	54.0	-16.95	AV	29.00	150	Horizontal	Pass
4	5239.000	109.28	-2.10	--	105.28	Peak	4.00	150	Horizontal	N/A
4**	5239.000	102.07	-2.10	--	102.07	AV	4.00	150	Horizontal	N/A
5	8388.313	48.75	-4.16	74.0	-25.25	Peak	62.00	150	Horizontal	Pass
5**	8388.313	39.33	-4.16	54.0	-14.67	AV	62.00	150	Horizontal	Pass
6	11904.500	50.99	-1.46	74.0	-23.01	Peak	360.00	150	Horizontal	Pass
6**	11904.500	41.92	-1.46	54.0	-12.08	AV	360.00	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	1487.000	38.13	-17.25	74.0	-35.87	Peak	6.00	150	Vertical	Pass
1**	1487.000	27.12	-17.25	54.0	-26.88	AV	6.00	150	Vertical	Pass
2	2825.000	43.06	-10.64	74.0	-30.94	Peak	305.00	150	Vertical	Pass
2**	2825.000	32.89	-10.64	54.0	-21.11	AV	305.00	150	Vertical	Pass
3	4255.500	48.56	-3.19	74.0	-25.44	Peak	130.00	150	Vertical	Pass
3**	4255.500	39.86	-3.19	54.0	-14.14	AV	130.00	150	Vertical	Pass
4	5242.500	101.50	-2.23	--	-78.50	Peak	180.00	150	Vertical	N/A
4**	5242.500	93.80	-2.23	--	93.80	AV	180.00	150	Vertical	N/A
5	8329.412	48.90	-4.61	74.0	-25.10	Peak	179.00	150	Vertical	Pass
5**	8329.412	39.14	-4.61	54.0	-14.86	AV	179.00	150	Vertical	Pass
6	11909.250	50.81	-1.56	74.0	-23.19	Peak	52.00	150	Vertical	Pass
6**	11909.250	41.87	-1.56	54.0	-12.13	AV	52.00	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	1518.200	37.83	-17.41	74.0	-36.17	Peak	297.00	150	Horizontal	Pass
1**	1518.200	27.40	-17.41	54.0	-26.60	AV	297.00	150	Horizontal	Pass
2	2261.100	42.79	-13.37	74.0	-31.21	Peak	90.00	150	Horizontal	Pass
2**	2261.100	30.84	-13.37	54.0	-23.16	AV	90.00	150	Horizontal	Pass
3	4253.250	48.61	-3.20	74.0	-25.39	Peak	87.00	150	Horizontal	Pass
3**	4253.250	39.53	-3.20	54.0	-14.47	AV	87.00	150	Horizontal	Pass
4	5187.750	101.86	-1.77	--	101.86	Peak	0.00	150	Horizontal	N/A
4**	5187.750	94.27	-1.77	--	94.27	AV	0.00	150	Horizontal	N/A
5	8100.225	49.94	-3.57	74.0	-24.06	Peak	318.00	150	Horizontal	Pass
5**	8100.225	40.23	-3.57	54.0	-13.77	AV	318.00	150	Horizontal	Pass
6	15696.037	52.29	-1.44	74.0	-21.71	Peak	258.00	150	Horizontal	Pass
6**	15696.037	41.50	-1.44	54.0	-12.50	AV	258.00	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	1566.800	37.67	-17.38	74.0	-36.33	Peak	282.00	150	Vertical	Pass
1**	1566.800	26.69	-17.38	54.0	-27.31	AV	282.00	150	Vertical	Pass
2	2801.900	42.94	-11.12	74.0	-31.06	Peak	152.00	150	Vertical	Pass
2**	2801.900	32.05	-11.12	54.0	-21.95	AV	152.00	150	Vertical	Pass
3	4056.250	48.12	-4.55	74.0	-25.88	Peak	221.00	150	Vertical	Pass
3**	4056.250	38.89	-4.55	54.0	-15.11	AV	221.00	150	Vertical	Pass
4	5191.500	93.54	-1.98	--	-85.46	Peak	179.00	150	Vertical	N/A
4**	5191.500	86.20	-1.98	--	86.20	AV	179.00	150	Vertical	N/A
5	8303.525	49.58	-4.74	74.0	-24.42	Peak	52.00	150	Vertical	Pass
5**	8303.525	39.84	-4.74	54.0	-14.16	AV	52.00	150	Vertical	Pass
6	12008.050	50.81	-1.68	74.0	-23.19	Peak	63.00	150	Vertical	Pass
6**	12008.050	42.05	-1.68	54.0	-11.95	AV	63.00	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	1512.800	37.30	-17.25	74.0	-36.70	Peak	59.00	150	Horizontal	Pass
1**	1512.800	27.29	-17.25	54.0	-26.71	AV	59.00	150	Horizontal	Pass
2	2778.500	42.86	-10.73	74.0	-31.14	Peak	217.00	150	Horizontal	Pass
2**	2778.500	32.33	-10.73	54.0	-21.67	AV	217.00	150	Horizontal	Pass
3	3982.500	47.62	-4.22	74.0	-26.38	Peak	61.00	150	Horizontal	Pass
3**	3982.500	37.98	-4.22	54.0	-16.02	AV	61.00	150	Horizontal	Pass
4	5227.000	105.61	-2.42	--	-254.39	Peak	360.00	150	Horizontal	N/A
4**	5227.000	98.85	-2.42	--	98.85	AV	360.00	150	Horizontal	N/A
5	11099.138	51.00	-2.42	74.0	-23.00	Peak	145.00	150	Horizontal	Pass
5**	11099.138	41.04	-2.42	54.0	-12.96	AV	145.00	150	Horizontal	Pass
6	15424.874	52.78	-0.37	74.0	-21.22	Peak	43.00	150	Horizontal	Pass
6**	15424.874	43.08	-0.37	54.0	-10.92	AV	43.00	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	1502.200	37.56	-17.43	74.0	-36.44	Peak	189.00	150	Vertical	Pass
1**	1502.200	26.94	-17.43	54.0	-27.06	AV	189.00	150	Vertical	Pass
2	2849.400	43.65	-10.80	74.0	-30.35	Peak	142.00	150	Vertical	Pass
2**	2849.400	32.87	-10.80	54.0	-21.13	AV	142.00	150	Vertical	Pass
3	4939.500	51.20	-2.57	74.0	-22.80	Peak	46.00	150	Vertical	Pass
3**	4939.500	40.80	-2.57	54.0	-13.20	AV	46.00	150	Vertical	Pass
4	5232.500	96.43	-2.16	--	-82.57	Peak	179.00	150	Vertical	N/A
4**	5232.500	88.67	-2.16	--	88.67	AV	179.00	150	Vertical	N/A
5	11517.375	50.86	-2.95	74.0	-23.14	Peak	0.00	150	Vertical	Pass
5**	11517.375	40.51	-2.95	54.0	-13.49	AV	0.00	150	Vertical	Pass
6	15598.125	52.26	-0.50	74.0	-21.74	Peak	270.00	150	Vertical	Pass
6**	15598.125	42.43	-0.50	54.0	-11.57	AV	270.00	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	1545.900	37.55	-17.43	74.0	-36.45	Peak	68.00	150	Horizontal	Pass
1**	1545.900	27.13	-17.43	54.0	-26.87	AV	68.00	150	Horizontal	Pass
2	2868.000	43.52	-10.19	74.0	-30.48	Peak	336.00	150	Horizontal	Pass
2**	2868.000	32.24	-10.19	54.0	-21.76	AV	336.00	150	Horizontal	Pass
3	4828.750	50.40	-2.69	74.0	-23.60	Peak	245.00	150	Horizontal	Pass
3**	4828.750	40.60	-2.69	54.0	-13.40	AV	245.00	150	Horizontal	Pass
4	5216.250	96.09	-2.06	--	-263.91	Peak	360.00	150	Horizontal	N/A
4**	5216.250	88.18	-2.06	--	88.18	AV	360.00	150	Horizontal	N/A
5	8229.900	49.16	-4.35	74.0	-24.84	Peak	260.00	150	Horizontal	Pass
5**	8229.900	39.34	-4.35	54.0	-14.66	AV	260.00	150	Horizontal	Pass
6	11954.138	50.92	-2.35	74.0	-23.08	Peak	318.00	150	Horizontal	Pass
6**	11954.138	40.10	-2.35	54.0	-13.90	AV	318.00	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	1371.300	38.21	-17.43	74.0	-35.79	Peak	57.00	150	Vertical	Pass
1**	1371.300	26.63	-17.43	54.0	-27.37	AV	57.00	150	Vertical	Pass
2	2757.100	43.05	-10.83	74.0	-30.95	Peak	2.00	150	Vertical	Pass
2**	2757.100	32.25	-10.83	54.0	-21.75	AV	2.00	150	Vertical	Pass
3	5216.000	88.03	-2.06	--	-97.97	Peak	186.00	150	Vertical	N/A
3**	5216.000	80.15	-2.06	--	80.15	AV	186.00	150	Vertical	N/A
4	8336.062	49.56	-4.39	74.0	-24.44	Peak	306.00	150	Vertical	Pass
4**	8336.062	42.17	-4.39	54.0	-11.83	AV	306.00	150	Vertical	Pass
5	12014.701	51.08	-1.83	74.0	-22.92	Peak	29.00	150	Vertical	Pass
5**	12014.701	41.70	-1.83	54.0	-12.30	AV	29.00	150	Vertical	Pass
6	15927.825	51.95	-0.66	74.0	-22.05	Peak	213.00	150	Vertical	Pass
6**	15927.825	43.78	-0.66	54.0	-10.22	AV	213.00	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	1570.500	37.67	-17.18	74.0	-36.33	Peak	105.00	150	Horizontal	Pass
1**	1570.500	27.74	-17.18	54.0	-26.26	AV	105.00	150	Horizontal	Pass
2	2772.900	43.79	-10.83	74.0	-30.21	Peak	207.00	150	Horizontal	Pass
2**	2772.900	32.30	-10.83	54.0	-21.70	AV	207.00	150	Horizontal	Pass
3	4055.750	48.01	-4.59	74.0	-25.99	Peak	277.00	150	Horizontal	Pass
3**	4055.750	37.95	-4.59	54.0	-16.05	AV	277.00	150	Horizontal	Pass
4	5262.000	109.66	-1.77	--	109.66	Peak	0.00	150	Horizontal	N/A
4**	5262.000	102.24	-1.77	--	102.24	AV	0.00	150	Horizontal	N/A
5	8125.400	50.71	-3.27	74.0	-23.29	Peak	318.00	150	Horizontal	Pass
5**	8125.400	40.67	-3.27	54.0	-13.33	AV	318.00	150	Horizontal	Pass
6	11121.937	51.46	-2.77	74.0	-22.54	Peak	110.00	150	Horizontal	Pass
6**	11121.937	41.16	-2.77	54.0	-12.84	AV	110.00	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	1573.000	37.80	-17.31	74.0	-36.20	Peak	73.00	150	Vertical	Pass
1**	1573.000	26.99	-17.31	54.0	-27.01	AV	73.00	150	Vertical	Pass
2	2783.800	43.27	-10.70	74.0	-30.73	Peak	289.00	150	Vertical	Pass
2**	2783.800	32.27	-10.70	54.0	-21.73	AV	289.00	150	Vertical	Pass
3	4250.250	48.33	-3.24	74.0	-25.67	Peak	0.00	150	Vertical	Pass
3**	4250.250	40.46	-3.24	54.0	-13.54	AV	0.00	150	Vertical	Pass
4	5261.250	100.27	-1.77	--	-79.73	Peak	180.00	150	Vertical	N/A
4**	5261.250	93.65	-1.77	--	93.65	AV	180.00	150	Vertical	N/A
5	11781.238	51.07	-2.63	74.0	-22.93	Peak	86.00	150	Vertical	Pass
5**	11781.238	40.62	-2.63	54.0	-13.38	AV	86.00	150	Vertical	Pass
6	15589.200	51.95	-0.49	74.0	-22.05	Peak	305.00	150	Vertical	Pass
6**	15589.200	43.55	-0.49	54.0	-10.45	AV	305.00	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	1323.100	37.43	-17.39	74.0	-36.57	Peak	127.00	150	Horizontal	Pass
1**	1323.100	27.26	-17.39	54.0	-26.74	AV	127.00	150	Horizontal	Pass
2	4003.250	47.66	-5.12	74.0	-26.34	Peak	261.00	150	Horizontal	Pass
2**	4003.250	37.99	-5.12	54.0	-16.01	AV	261.00	150	Horizontal	Pass
3	5297.750	109.92	-2.06	--	-248.08	Peak	358.00	150	Horizontal	N/A
3**	5297.750	102.35	-2.06	--	102.35	AV	358.00	150	Horizontal	N/A
4	8254.362	48.77	-4.34	74.0	-25.23	Peak	27.00	150	Horizontal	Pass
4**	8254.362	40.15	-4.34	54.0	-13.85	AV	27.00	150	Horizontal	Pass
5	12521.525	51.51	-1.37	74.0	-22.49	Peak	83.00	150	Horizontal	Pass
5**	12521.525	41.36	-1.37	54.0	-12.64	AV	83.00	150	Horizontal	Pass
6	15591.562	52.47	-0.50	74.0	-21.53	Peak	360.00	150	Horizontal	Pass
6**	15591.562	43.01	-0.50	54.0	-10.99	AV	360.00	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	1546.400	37.67	-17.49	74.0	-36.33	Peak	39.00	150	Vertical	Pass
1**	1546.400	27.17	-17.49	54.0	-26.83	AV	39.00	150	Vertical	Pass
2	2846.300	43.15	-10.82	74.0	-30.85	Peak	103.00	150	Vertical	Pass
2**	2846.300	32.72	-10.82	54.0	-21.28	AV	103.00	150	Vertical	Pass
3	3982.250	47.58	-4.24	74.0	-26.42	Peak	45.00	150	Vertical	Pass
3**	3982.250	38.11	-4.24	54.0	-15.89	AV	45.00	150	Vertical	Pass
4	5302.250	100.35	-2.27	--	-81.65	Peak	182.00	150	Vertical	N/A
4**	5302.250	92.77	-2.27	--	92.77	AV	182.00	150	Vertical	N/A
5	11521.887	50.14	-3.08	74.0	-23.86	Peak	229.00	150	Vertical	Pass
5**	11521.887	40.26	-3.08	54.0	-13.74	AV	229.00	150	Vertical	Pass
6	15537.487	51.44	-0.44	74.0	-22.56	Peak	98.00	150	Vertical	Pass
6**	15537.487	41.81	-0.44	54.0	-12.19	AV	98.00	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	1566.300	37.46	-17.35	74.0	-36.54	Peak	181.00	150	Horizontal	Pass
1**	1566.300	26.74	-17.35	54.0	-27.26	AV	181.00	150	Horizontal	Pass
2	2828.300	43.87	-10.84	74.0	-30.13	Peak	84.00	150	Horizontal	Pass
2**	2828.300	32.47	-10.84	54.0	-21.53	AV	84.00	150	Horizontal	Pass
3	4568.500	49.24	-3.32	74.0	-24.76	Peak	69.00	150	Horizontal	Pass
3**	4568.500	39.63	-3.32	54.0	-14.37	AV	69.00	150	Horizontal	Pass
4	5318.250	105.86	-1.97	--	-254.14	Peak	360.00	150	Horizontal	N/A
4**	5318.250	98.85	-1.97	--	98.85	AV	360.00	150	Horizontal	N/A
5	8103.550	49.62	-3.27	74.0	-24.38	Peak	0.00	150	Horizontal	Pass
5**	8103.550	40.46	-3.27	54.0	-13.54	AV	0.00	150	Horizontal	Pass
6	15524.100	52.48	-0.40	74.0	-21.52	Peak	225.00	150	Horizontal	Pass
6**	15524.100	42.71	-0.40	54.0	-11.29	AV	225.00	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	1505.800	37.37	-17.54	74.0	-36.63	Peak	200.00	150	Vertical	Pass
1**	1505.800	27.13	-17.54	54.0	-26.87	AV	200.00	150	Vertical	Pass
2	2762.000	43.57	-11.01	74.0	-30.43	Peak	70.00	150	Vertical	Pass
2**	2762.000	32.44	-11.01	54.0	-21.56	AV	70.00	150	Vertical	Pass
3	3800.000	47.58	-5.57	74.0	-26.42	Peak	4.00	150	Vertical	Pass
3**	3800.000	37.53	-5.57	54.0	-16.47	AV	4.00	150	Vertical	Pass
4	5318.250	96.39	-1.97	--	-150.61	Peak	247.00	150	Vertical	N/A
4**	5318.250	90.24	-1.97	--	90.24	AV	247.00	150	Vertical	N/A
5	8344.849	48.65	-4.35	74.0	-25.35	Peak	163.00	150	Vertical	Pass
5**	8344.849	40.01	-4.35	54.0	-13.99	AV	163.00	150	Vertical	Pass
6	11524.737	50.34	-3.17	74.0	-23.66	Peak	197.00	150	Vertical	Pass
6**	11524.737	39.96	-3.17	54.0	-14.04	AV	197.00	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	1591.100	37.72	-17.38	74.0	-36.28	Peak	271.00	150	Horizontal	Pass
1**	1591.100	28.28	-17.38	54.0	-25.72	AV	271.00	150	Horizontal	Pass
2	2807.900	42.77	-10.71	74.0	-31.23	Peak	231.00	150	Horizontal	Pass
2**	2807.900	31.96	-10.71	54.0	-22.04	AV	231.00	150	Horizontal	Pass
3	4142.000	47.98	-4.51	74.0	-26.02	Peak	223.00	150	Horizontal	Pass
3**	4142.000	37.74	-4.51	54.0	-16.26	AV	223.00	150	Horizontal	Pass
4	5258.750	109.35	-1.80	--	-250.65	Peak	360.00	150	Horizontal	N/A
4**	5258.750	102.57	-1.80	--	102.57	AV	360.00	150	Horizontal	N/A
5	8232.037	48.58	-4.21	74.0	-25.42	Peak	195.00	150	Horizontal	Pass
5**	8232.037	40.13	-4.21	54.0	-13.87	AV	195.00	150	Horizontal	Pass
6	11885.975	50.25	-1.58	74.0	-23.75	Peak	15.00	150	Horizontal	Pass
6**	11885.975	40.58	-1.58	54.0	-13.42	AV	15.00	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	1548.400	37.55	-17.44	74.0	-36.45	Peak	47.00	150	Vertical	Pass
1**	1548.400	27.41	-17.44	54.0	-26.59	AV	47.00	150	Vertical	Pass
2	4301.250	48.91	-4.46	74.0	-25.09	Peak	151.00	150	Vertical	Pass
2**	4301.250	38.32	-4.46	54.0	-15.68	AV	151.00	150	Vertical	Pass
3	5258.250	100.04	-1.91	--	-83.96	Peak	184.00	150	Vertical	N/A
3**	5258.250	92.95	-1.91	--	92.95	AV	184.00	150	Vertical	N/A
4	8136.088	48.73	-3.76	74.0	-25.27	Peak	72.00	150	Vertical	Pass
4**	8136.088	39.91	-3.76	54.0	-14.09	AV	72.00	150	Vertical	Pass
5	12037.500	50.88	-2.33	74.0	-23.12	Peak	319.00	150	Vertical	Pass
5**	12037.500	40.98	-2.33	54.0	-13.02	AV	319.00	150	Vertical	Pass
6	16114.987	51.99	-0.85	74.0	-22.01	Peak	194.00	150	Vertical	Pass
6**	16114.987	42.94	-0.85	54.0	-11.06	AV	194.00	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	1552.200	37.66	-17.48	74.0	-36.34	Peak	172.00	150	Horizontal	Pass
1**	1552.200	26.84	-17.48	54.0	-27.16	AV	172.00	150	Horizontal	Pass
2	2835.200	42.82	-10.93	74.0	-31.18	Peak	73.00	150	Horizontal	Pass
2**	2835.200	32.24	-10.93	54.0	-21.76	AV	73.00	150	Horizontal	Pass
3	4253.500	48.07	-3.18	74.0	-25.93	Peak	157.00	150	Horizontal	Pass
3**	4253.500	38.65	-3.18	54.0	-15.35	AV	157.00	150	Horizontal	Pass
4	5299.000	109.26	-2.11	--	-250.74	Peak	360.00	150	Horizontal	N/A
4**	5299.000	102.44	-2.11	--	102.44	AV	360.00	150	Horizontal	N/A
5	8330.362	48.72	-4.72	74.0	-25.28	Peak	130.00	150	Horizontal	Pass
5**	8330.362	39.52	-4.72	54.0	-14.48	AV	130.00	150	Horizontal	Pass
6	12023.487	50.67	-2.02	74.0	-23.33	Peak	130.00	150	Horizontal	Pass
6**	12023.487	41.38	-2.02	54.0	-12.62	AV	130.00	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	1589.200	37.85	-17.30	74.0	-36.15	Peak	360.00	150	Vertical	Pass
1**	1589.200	27.31	-17.30	54.0	-26.69	AV	360.00	150	Vertical	Pass
2	4258.250	48.36	-3.16	74.0	-25.64	Peak	4.00	150	Vertical	Pass
2**	4258.250	39.10	-3.16	54.0	-14.90	AV	4.00	150	Vertical	Pass
3	5298.500	100.52	-2.09	--	-81.48	Peak	182.00	150	Vertical	N/A
3**	5298.500	92.34	-2.09	--	92.34	AV	182.00	150	Vertical	N/A
4	8252.938	49.47	-4.41	74.0	-24.53	Peak	353.00	150	Vertical	Pass
4**	8252.938	39.44	-4.41	54.0	-14.56	AV	353.00	150	Vertical	Pass
5	12035.838	50.66	-2.30	74.0	-23.34	Peak	274.00	150	Vertical	Pass
5**	12035.838	40.76	-2.30	54.0	-13.24	AV	274.00	150	Vertical	Pass
6	15418.313	52.00	-0.28	74.0	-22.00	Peak	8.00	150	Vertical	Pass
6**	15418.313	42.33	-0.28	54.0	-11.67	AV	8.00	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	1461.000	38.21	-17.52	74.0	-35.79	Peak	67.00	150	Horizontal	Pass
1**	1461.000	26.61	-17.52	54.0	-27.39	AV	67.00	150	Horizontal	Pass
2	4245.750	48.40	-3.57	74.0	-25.60	Peak	214.00	150	Horizontal	Pass
2**	4245.750	39.33	-3.57	54.0	-14.67	AV	214.00	150	Horizontal	Pass
3	5317.750	105.79	-1.91	--	93.79	Peak	12.00	150	Horizontal	N/A
3**	5317.750	97.76	-1.91	--	97.76	AV	12.00	150	Horizontal	N/A
4	8304.713	49.53	-4.88	74.0	-24.47	Peak	275.00	150	Horizontal	Pass
4**	8304.713	38.79	-4.88	54.0	-15.21	AV	275.00	150	Horizontal	Pass
5	11762.475	50.16	-2.30	74.0	-23.84	Peak	298.00	150	Horizontal	Pass
5**	11762.475	40.94	-2.30	54.0	-13.06	AV	298.00	150	Horizontal	Pass
6	16113.937	52.13	-0.87	74.0	-21.87	Peak	341.00	150	Horizontal	Pass
6**	16113.937	42.61	-0.87	54.0	-11.39	AV	341.00	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	1556.700	37.24	-17.51	74.0	-36.76	Peak	305.00	150	Vertical	Pass
1**	1556.700	27.70	-17.51	54.0	-26.30	AV	305.00	150	Vertical	Pass
2	2850.400	43.14	-10.73	74.0	-30.86	Peak	157.00	150	Vertical	Pass
2**	2850.400	32.38	-10.73	54.0	-21.62	AV	157.00	150	Vertical	Pass
3	3995.500	47.43	-4.71	74.0	-26.57	Peak	190.00	150	Vertical	Pass
3**	3995.500	38.40	-4.71	54.0	-15.60	AV	190.00	150	Vertical	Pass
4	5318.000	96.15	-1.94	--	-93.85	Peak	190.00	150	Vertical	N/A
4**	5318.000	88.65	-1.94	--	88.65	AV	190.00	150	Vertical	N/A
5	8060.325	49.69	-3.55	74.0	-24.31	Peak	107.00	150	Vertical	Pass
5**	8060.325	39.97	-3.55	54.0	-14.03	AV	107.00	150	Vertical	Pass
6	11125.975	50.23	-2.84	74.0	-23.77	Peak	129.00	150	Vertical	Pass
6**	11125.975	40.75	-2.84	54.0	-13.25	AV	129.00	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	1341.700	38.03	-17.32	74.0	-35.97	Peak	1.00	150	Horizontal	Pass
1**	1341.700	26.52	-17.32	54.0	-27.48	AV	1.00	150	Horizontal	Pass
2	2797.000	42.53	-11.05	74.0	-31.47	Peak	134.00	150	Horizontal	Pass
2**	2797.000	32.43	-11.05	54.0	-21.57	AV	134.00	150	Horizontal	Pass
3	4150.250	47.67	-4.57	74.0	-26.33	Peak	133.00	150	Horizontal	Pass
3**	4150.250	38.41	-4.57	54.0	-15.59	AV	133.00	150	Horizontal	Pass
4	5268.500	106.24	-1.95	--	-253.76	Peak	360.00	150	Horizontal	N/A
4**	5268.500	99.20	-1.95	--	99.20	AV	360.00	150	Horizontal	N/A
5	8382.850	49.03	-4.26	74.0	-24.97	Peak	218.00	150	Horizontal	Pass
5**	8382.850	39.81	-4.26	54.0	-14.19	AV	218.00	150	Horizontal	Pass
6	11544.212	50.84	-3.75	74.0	-23.16	Peak	0.00	150	Horizontal	Pass
6**	11544.212	39.48	-3.75	54.0	-14.52	AV	0.00	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	1530.100	37.43	-17.39	74.0	-36.57	Peak	93.00	150	Vertical	Pass
1**	1530.100	27.21	-17.39	54.0	-26.79	AV	93.00	150	Vertical	Pass
2	4156.750	47.99	-4.65	74.0	-26.01	Peak	165.00	150	Vertical	Pass
2**	4156.750	38.60	-4.65	54.0	-15.40	AV	165.00	150	Vertical	Pass
3	5268.250	96.97	-1.98	--	-85.03	Peak	182.00	150	Vertical	N/A
3**	5268.250	88.99	-1.98	--	88.99	AV	182.00	150	Vertical	N/A
4	8295.688	48.56	-4.50	74.0	-25.44	Peak	50.00	150	Vertical	Pass
4**	8295.688	39.84	-4.50	54.0	-14.16	AV	50.00	150	Vertical	Pass
5	11898.325	50.38	-1.39	74.0	-23.62	Peak	0.00	150	Vertical	Pass
5**	11898.325	41.54	-1.39	54.0	-12.46	AV	0.00	150	Vertical	Pass
6	15774.000	52.17	-0.48	74.0	-21.83	Peak	261.00	150	Vertical	Pass
6**	15774.000	42.21	-0.48	54.0	-11.79	AV	261.00	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	1603.600	38.02	-17.31	74.0	-35.98	Peak	112.00	150	Horizontal	Pass
1**	1603.600	27.16	-17.31	54.0	-26.84	AV	112.00	150	Horizontal	Pass
2	4156.250	47.30	-4.67	74.0	-26.70	Peak	360.00	150	Horizontal	Pass
2**	4156.250	38.21	-4.67	54.0	-15.79	AV	360.00	150	Horizontal	Pass
3	4703.500	51.11	-2.34	74.0	-22.89	Peak	277.00	150	Horizontal	Pass
3**	4703.500	40.70	-2.34	54.0	-13.30	AV	277.00	150	Horizontal	Pass
4	5306.500	100.79	-2.04	--	-257.21	Peak	358.00	150	Horizontal	N/A
4**	5306.500	93.51	-2.04	--	93.51	AV	358.00	150	Horizontal	N/A
5	8096.663	50.25	-3.63	74.0	-23.75	Peak	286.00	150	Horizontal	Pass
5**	8096.663	40.49	-3.63	54.0	-13.51	AV	286.00	150	Horizontal	Pass
6	12028.713	50.44	-2.14	74.0	-23.56	Peak	139.00	150	Horizontal	Pass
6**	12028.713	41.23	-2.14	54.0	-12.77	AV	139.00	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	1533.900	37.64	-17.46	74.0	-36.36	Peak	129.00	150	Vertical	Pass
1**	1533.900	27.28	-17.46	54.0	-26.72	AV	129.00	150	Vertical	Pass
2	2863.800	43.77	-10.25	74.0	-30.23	Peak	178.00	150	Vertical	Pass
2**	2863.800	32.37	-10.25	54.0	-21.63	AV	178.00	150	Vertical	Pass
3	5031.500	50.87	-2.48	74.0	-23.13	Peak	102.00	150	Vertical	Pass
3**	5031.500	40.66	-2.48	54.0	-13.34	AV	102.00	150	Vertical	Pass
4	5306.000	91.11	-1.99	--	-83.89	Peak	175.00	150	Vertical	N/A
4**	5306.000	83.73	-1.99	--	83.73	AV	175.00	150	Vertical	N/A
5	8161.500	49.48	-4.26	74.0	-24.52	Peak	173.00	150	Vertical	Pass
5**	8161.500	39.59	-4.26	54.0	-14.41	AV	173.00	150	Vertical	Pass
6	11862.225	51.81	-1.96	74.0	-22.19	Peak	274.00	150	Vertical	Pass
6**	11862.225	40.86	-1.96	54.0	-13.14	AV	274.00	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	1389.300	37.88	-17.25	74.0	-36.12	Peak	15.00	150	Horizontal	Pass
1**	1389.300	27.09	-17.25	54.0	-26.91	AV	15.00	150	Horizontal	Pass
2	2739.900	43.06	-11.29	74.0	-30.94	Peak	207.00	150	Horizontal	Pass
2**	2739.900	32.13	-11.29	54.0	-21.87	AV	207.00	150	Horizontal	Pass
3	4847.750	50.07	-2.79	74.0	-23.93	Peak	158.00	150	Horizontal	Pass
3**	4847.750	40.43	-2.79	54.0	-13.57	AV	158.00	150	Horizontal	Pass
4	5261.500	109.66	-1.79	--	-250.34	Peak	360.00	150	Horizontal	N/A
4**	5261.500	102.60	-1.79	--	102.60	AV	360.00	150	Horizontal	N/A
5	8339.625	49.60	-4.60	74.0	-24.40	Peak	320.00	150	Horizontal	Pass
5**	8339.625	39.89	-4.60	54.0	-14.11	AV	320.00	150	Horizontal	Pass
6	11117.187	50.30	-2.68	74.0	-23.70	Peak	320.00	150	Horizontal	Pass
6**	11117.187	41.03	-2.68	54.0	-12.97	AV	320.00	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	1548.100	37.26	-17.46	74.0	-36.74	Peak	109.00	150	Vertical	Pass
1**	1548.100	27.12	-17.46	54.0	-26.88	AV	109.00	150	Vertical	Pass
2	2268.500	41.28	-13.33	74.0	-32.72	Peak	86.00	150	Vertical	Pass
2**	2268.500	31.27	-13.33	54.0	-22.73	AV	86.00	150	Vertical	Pass
3	4057.250	47.25	-4.58	74.0	-26.75	Peak	232.00	150	Vertical	Pass
3**	4057.250	38.76	-4.58	54.0	-15.24	AV	232.00	150	Vertical	Pass
4	5261.250	100.49	-1.77	--	-73.51	Peak	174.00	150	Vertical	N/A
4**	5261.250	92.97	-1.77	--	92.97	AV	174.00	150	Vertical	N/A
5	8359.575	49.15	-4.30	74.0	-24.85	Peak	196.00	150	Vertical	Pass
5**	8359.575	39.08	-4.30	54.0	-14.92	AV	196.00	150	Vertical	Pass
6	15539.849	51.67	-0.45	74.0	-22.33	Peak	144.00	150	Vertical	Pass
6**	15539.849	43.53	-0.45	54.0	-10.47	AV	144.00	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	1548.300	37.50	-17.44	74.0	-36.50	Peak	19.00	150	Horizontal	Pass
1**	1548.300	27.07	-17.44	54.0	-26.93	AV	19.00	150	Horizontal	Pass
2	2773.600	43.36	-10.80	74.0	-30.64	Peak	355.00	150	Horizontal	Pass
2**	2773.600	32.36	-10.80	54.0	-21.64	AV	355.00	150	Horizontal	Pass
3	3989.750	47.59	-4.22	74.0	-26.41	Peak	206.00	150	Horizontal	Pass
3**	3989.750	37.87	-4.22	54.0	-16.13	AV	206.00	150	Horizontal	Pass
4	5299.000	109.61	-2.11	--	109.61	Peak	0.00	150	Horizontal	N/A
4**	5299.000	102.44	-2.11	--	102.44	AV	0.00	150	Horizontal	N/A
5	8129.200	49.31	-3.59	74.0	-24.69	Peak	58.00	150	Horizontal	Pass
5**	8129.200	40.31	-3.59	54.0	-13.69	AV	58.00	150	Horizontal	Pass
6	11919.700	50.46	-1.78	74.0	-23.54	Peak	239.00	150	Horizontal	Pass
6**	11919.700	41.05	-1.78	54.0	-12.95	AV	239.00	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	1489.000	38.51	-17.23	74.0	-35.49	Peak	360.00	150	Vertical	Pass
1**	1489.000	27.24	-17.23	54.0	-26.76	AV	360.00	150	Vertical	Pass
2	2807.800	42.68	-10.70	74.0	-31.32	Peak	200.00	150	Vertical	Pass
2**	2807.800	32.08	-10.70	54.0	-21.92	AV	200.00	150	Vertical	Pass
3	4082.500	47.04	-5.21	74.0	-26.96	Peak	167.00	150	Vertical	Pass
3**	4082.500	38.01	-5.21	54.0	-15.99	AV	167.00	150	Vertical	Pass
4	5298.250	100.09	-2.08	--	-82.91	Peak	183.00	150	Vertical	N/A
4**	5298.250	93.68	-2.08	--	93.68	AV	183.00	150	Vertical	N/A
5	8112.813	49.60	-3.50	74.0	-24.40	Peak	319.00	150	Vertical	Pass
5**	8112.813	39.84	-3.50	54.0	-14.16	AV	319.00	150	Vertical	Pass
6	11899.275	50.65	-1.37	74.0	-23.35	Peak	360.00	150	Vertical	Pass
6**	11899.275	42.04	-1.37	54.0	-11.96	AV	360.00	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	1576.700	38.34	-17.24	74.0	-35.66	Peak	72.00	150	Horizontal	Pass
1**	1576.700	27.20	-17.24	54.0	-26.80	AV	72.00	150	Horizontal	Pass
2	2816.900	43.17	-10.65	74.0	-30.83	Peak	86.00	150	Horizontal	Pass
2**	2816.900	32.38	-10.65	54.0	-21.62	AV	86.00	150	Horizontal	Pass
3	4209.250	49.20	-4.59	74.0	-24.80	Peak	45.00	150	Horizontal	Pass
3**	4209.250	37.92	-4.59	54.0	-16.08	AV	45.00	150	Horizontal	Pass
4	5322.500	106.20	-1.86	--	102.20	Peak	4.00	150	Horizontal	N/A
4**	5322.500	99.38	-1.86	--	99.38	AV	4.00	150	Horizontal	N/A
5	8125.638	50.54	-3.27	74.0	-23.46	Peak	274.00	150	Horizontal	Pass
5**	8125.638	40.92	-3.27	54.0	-13.08	AV	274.00	150	Horizontal	Pass
6	15551.662	52.44	-0.48	74.0	-21.56	Peak	360.00	150	Horizontal	Pass
6**	15551.662	42.36	-0.48	54.0	-11.64	AV	360.00	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	1542.300	37.70	-17.49	74.0	-36.30	Peak	4.00	150	Vertical	Pass
1**	1542.300	26.67	-17.49	54.0	-27.33	AV	4.00	150	Vertical	Pass
2	2776.700	42.77	-10.81	74.0	-31.23	Peak	181.00	150	Vertical	Pass
2**	2776.700	32.23	-10.81	54.0	-21.77	AV	181.00	150	Vertical	Pass
3	4050.500	47.93	-4.66	74.0	-26.07	Peak	181.00	150	Vertical	Pass
3**	4050.500	38.33	-4.66	54.0	-15.67	AV	181.00	150	Vertical	Pass
4	5316.500	96.33	-1.80	--	-84.67	Peak	181.00	150	Vertical	N/A
4**	5316.500	88.46	-1.80	--	88.46	AV	181.00	150	Vertical	N/A
5	8125.400	49.37	-3.27	74.0	-24.63	Peak	71.00	150	Vertical	Pass
5**	8125.400	40.74	-3.27	54.0	-13.26	AV	71.00	150	Vertical	Pass
6	11926.350	51.01	-1.93	74.0	-22.99	Peak	82.00	150	Vertical	Pass
6**	11926.350	42.14	-1.93	54.0	-11.86	AV	82.00	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	1516.700	38.59	-17.40	74.0	-35.41	Peak	333.00	150	Horizontal	Pass
1**	1516.700	27.12	-17.40	54.0	-26.88	AV	333.00	150	Horizontal	Pass
2	2820.700	42.69	-10.67	74.0	-31.31	Peak	346.00	150	Horizontal	Pass
2**	2820.700	32.37	-10.67	54.0	-21.63	AV	346.00	150	Horizontal	Pass
3	4205.250	48.86	-4.85	74.0	-25.14	Peak	360.00	150	Horizontal	Pass
3**	4205.250	38.29	-4.85	54.0	-15.71	AV	360.00	150	Horizontal	Pass
4	5268.500	106.61	-1.95	--	-253.39	Peak	360.00	150	Horizontal	N/A
4**	5268.500	99.26	-1.95	--	99.26	AV	360.00	150	Horizontal	N/A
5	11848.212	50.84	-2.18	74.0	-23.16	Peak	38.00	150	Horizontal	Pass
5**	11848.212	41.57	-2.18	54.0	-12.43	AV	38.00	150	Horizontal	Pass
6	15589.987	51.29	-0.50	74.0	-22.71	Peak	262.00	150	Horizontal	Pass
6**	15589.987	42.43	-0.50	54.0	-11.57	AV	262.00	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	1606.700	38.97	-17.46	74.0	-35.03	Peak	183.00	100	Vertical	Pass
1**	1606.700	26.62	-17.46	54.0	-27.38	AV	183.00	100	Vertical	Pass
2	4356.250	49.33	-4.07	74.0	-24.67	Peak	296.00	100	Vertical	Pass
2**	4356.250	40.09	-4.07	54.0	-13.91	AV	296.00	100	Vertical	Pass
3	5267.500	97.50	-1.97	--	-76.50	Peak	174.00	100	Vertical	N/A
3**	5267.500	89.19	-1.97	--	89.19	AV	174.00	100	Vertical	N/A
4	8078.375	50.07	-3.72	74.0	-23.93	Peak	342.00	100	Vertical	Pass
4**	8078.375	40.01	-3.72	54.0	-13.99	AV	342.00	100	Vertical	Pass
5	11917.799	50.79	-1.74	74.0	-23.21	Peak	285.00	100	Vertical	Pass
5**	11917.799	41.55	-1.74	54.0	-12.45	AV	285.00	100	Vertical	Pass
6	15842.250	51.95	-0.95	74.0	-22.05	Peak	360.00	100	Vertical	Pass
6**	15842.250	42.60	-0.95	54.0	-11.40	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.500	37.50	-17.41	74.0	-36.50	Peak	11.00	150	Horizontal	Pass
1**	1504.500	27.54	-17.41	54.0	-26.46	AV	11.00	150	Horizontal	Pass
2	2793.600	42.24	-11.08	74.0	-31.76	Peak	320.00	150	Horizontal	Pass
2**	2793.600	32.51	-11.08	54.0	-21.49	AV	320.00	150	Horizontal	Pass
3	4721.750	50.29	-2.49	74.0	-23.71	Peak	67.00	150	Horizontal	Pass
3**	4721.750	40.23	-2.49	54.0	-13.77	AV	67.00	150	Horizontal	Pass
4	5312.250	101.31	-2.21	--	89.31	Peak	12.00	150	Horizontal	N/A
4**	5312.250	93.60	-2.21	--	93.60	AV	12.00	150	Horizontal	N/A
5	8291.412	49.11	-4.62	74.0	-24.89	Peak	216.00	150	Horizontal	Pass
5**	8291.412	39.69	-4.62	54.0	-14.31	AV	216.00	150	Horizontal	Pass
6	10892.037	50.71	-3.50	74.0	-23.29	Peak	238.00	150	Horizontal	Pass
6**	10892.037	41.41	-3.50	54.0	-12.59	AV	238.00	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	1459.400	38.09	-17.50	74.0	-35.91	Peak	136.00	150	Vertical	Pass
1**	1459.400	26.96	-17.50	54.0	-27.04	AV	136.00	150	Vertical	Pass
2	2852.300	42.91	-10.62	74.0	-31.09	Peak	60.00	150	Vertical	Pass
2**	2852.300	32.19	-10.62	54.0	-21.81	AV	60.00	150	Vertical	Pass
3	4052.500	47.42	-4.64	74.0	-26.58	Peak	335.00	150	Vertical	Pass
3**	4052.500	38.30	-4.64	54.0	-15.70	AV	335.00	150	Vertical	Pass
4	5306.250	91.28	-1.99	--	-97.72	Peak	189.00	150	Vertical	N/A
4**	5306.250	83.49	-1.99	--	83.49	AV	189.00	150	Vertical	N/A
5	8233.225	49.45	-4.24	74.0	-24.55	Peak	296.00	150	Vertical	Pass
5**	8233.225	39.86	-4.24	54.0	-14.14	AV	296.00	150	Vertical	Pass
6	11857.713	50.47	-2.03	74.0	-23.53	Peak	196.00	150	Vertical	Pass
6**	11857.713	40.88	-2.03	54.0	-13.12	AV	196.00	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	1588.300	38.09	-17.37	74.0	-35.91	Peak	183.00	150	Horizontal	Pass
1**	1588.300	26.93	-17.37	54.0	-27.07	AV	183.00	150	Horizontal	Pass
2	2845.400	43.46	-10.74	74.0	-30.54	Peak	123.00	150	Horizontal	Pass
2**	2845.400	32.54	-10.74	54.0	-21.46	AV	123.00	150	Horizontal	Pass
3	4853.500	50.57	-2.83	74.0	-23.43	Peak	271.00	150	Horizontal	Pass
3**	4853.500	41.53	-2.83	54.0	-12.47	AV	271.00	150	Horizontal	Pass
4	5296.250	96.97	-2.26	--	-263.03	Peak	360.00	150	Horizontal	N/A
4**	5296.250	89.21	-2.26	--	89.21	AV	360.00	150	Horizontal	N/A
5	11918.037	50.91	-1.75	74.0	-23.09	Peak	62.00	150	Horizontal	Pass
5**	11918.037	41.17	-1.75	54.0	-12.83	AV	62.00	150	Horizontal	Pass
6	15921.526	52.13	-0.75	74.0	-21.87	Peak	18.00	150	Horizontal	Pass
6**	15921.526	42.20	-0.75	54.0	-11.80	AV	18.00	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	1528.700	37.78	-17.57	74.0	-36.22	Peak	309.00	150	Vertical	Pass
1**	1528.700	27.18	-17.57	54.0	-26.82	AV	309.00	150	Vertical	Pass
2	2832.200	43.12	-10.83	74.0	-30.88	Peak	204.00	150	Vertical	Pass
2**	2832.200	32.63	-10.83	54.0	-21.37	AV	204.00	150	Vertical	Pass
3	4109.000	47.84	-4.57	74.0	-26.16	Peak	165.00	150	Vertical	Pass
3**	4109.000	38.56	-4.57	54.0	-15.44	AV	165.00	150	Vertical	Pass
4	5283.250	86.47	-2.55	--	-110.53	Peak	197.00	150	Vertical	N/A
4**	5283.250	78.15	-2.55	--	78.15	AV	197.00	150	Vertical	N/A
5	8124.212	49.78	-3.23	74.0	-24.22	Peak	307.00	150	Vertical	Pass
5**	8124.212	40.92	-3.23	54.0	-13.08	AV	307.00	150	Vertical	Pass
6	12016.838	50.49	-1.87	74.0	-23.51	Peak	39.00	150	Vertical	Pass
6**	12016.838	41.14	-1.87	54.0	-12.86	AV	39.00	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	1404.700	37.83	-17.28	74.0	-36.17	Peak	167.00	150	Horizontal	Pass
1**	1404.700	28.23	-17.28	54.0	-25.77	AV	167.00	150	Horizontal	Pass
2	2830.800	42.81	-10.68	74.0	-31.19	Peak	140.00	150	Horizontal	Pass
2**	2830.800	33.12	-10.68	54.0	-20.88	AV	140.00	150	Horizontal	Pass
3	4337.500	48.05	-4.29	74.0	-25.95	Peak	127.00	150	Horizontal	Pass
3**	4337.500	38.39	-4.29	54.0	-15.61	AV	127.00	150	Horizontal	Pass
4	5499.000	105.58	-1.92	--	88.58	Peak	17.00	150	Horizontal	N/A
4**	5499.000	99.09	-1.92	--	99.09	AV	17.00	150	Horizontal	N/A
5	11521.412	50.37	-3.07	74.0	-23.63	Peak	244.00	150	Horizontal	Pass
5**	11521.412	40.03	-3.07	54.0	-13.97	AV	244.00	150	Horizontal	Pass
6	17810.999	53.06	2.07	74.0	-20.94	Peak	142.00	150	Horizontal	Pass
6**	17810.999	43.99	2.07	54.0	-10.01	AV	142.00	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	1343.000	37.50	-17.26	74.0	-36.50	Peak	131.00	150	Vertical	Pass
1**	1343.000	27.62	-17.26	54.0	-26.38	AV	131.00	150	Vertical	Pass
2	2759.300	42.28	-10.86	74.0	-31.72	Peak	105.00	150	Vertical	Pass
2**	2759.300	32.92	-10.86	54.0	-21.08	AV	105.00	150	Vertical	Pass
3	4270.250	47.39	-4.01	74.0	-26.61	Peak	270.00	150	Vertical	Pass
3**	4270.250	38.41	-4.01	54.0	-15.59	AV	270.00	150	Vertical	Pass
4	5499.000	95.34	-1.92	--	-93.66	Peak	189.00	150	Vertical	N/A
4**	5499.000	88.24	-1.92	--	88.24	AV	189.00	150	Vertical	N/A
5	11852.013	50.62	-2.12	74.0	-23.38	Peak	4.00	150	Vertical	Pass
5**	11852.013	40.60	-2.12	54.0	-13.40	AV	4.00	150	Vertical	Pass
6	16143.600	51.96	-0.17	74.0	-22.04	Peak	143.00	150	Vertical	Pass
6**	16143.600	42.76	-0.17	54.0	-11.24	AV	143.00	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	1377.800	36.88	-17.44	74.0	-37.12	Peak	193.00	150	Horizontal	Pass
1**	1377.800	27.72	-17.44	54.0	-26.28	AV	193.00	150	Horizontal	Pass
2	2766.900	42.89	-11.06	74.0	-31.11	Peak	101.00	150	Horizontal	Pass
2**	2766.900	33.17	-11.06	54.0	-20.83	AV	101.00	150	Horizontal	Pass
3	4248.500	47.67	-3.61	74.0	-26.33	Peak	219.00	150	Horizontal	Pass
3**	4248.500	38.77	-3.61	54.0	-15.23	AV	219.00	150	Horizontal	Pass
4	5578.750	110.10	-1.34	--	104.10	Peak	6.00	150	Horizontal	N/A
4**	5578.750	102.25	-1.34	--	102.25	AV	6.00	150	Horizontal	N/A
5	12526.987	51.76	-1.36	74.0	-22.24	Peak	84.00	150	Horizontal	Pass
5**	12526.987	41.68	-1.36	54.0	-12.32	AV	84.00	150	Horizontal	Pass
6	15692.625	51.69	-1.46	74.0	-22.31	Peak	67.00	150	Horizontal	Pass
6**	15692.625	42.16	-1.46	54.0	-11.84	AV	67.00	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	1362.200	37.75	-17.44	74.0	-36.25	Peak	222.00	150	Vertical	Pass
1**	1362.200	27.24	-17.44	54.0	-26.76	AV	222.00	150	Vertical	Pass
2	2775.400	43.25	-11.03	74.0	-30.75	Peak	164.00	150	Vertical	Pass
2**	2775.400	32.94	-11.03	54.0	-21.06	AV	164.00	150	Vertical	Pass
3	4245.750	48.17	-3.57	74.0	-25.83	Peak	107.00	150	Vertical	Pass
3**	4245.750	38.72	-3.57	54.0	-15.28	AV	107.00	150	Vertical	Pass
4	5582.000	99.72	-1.41	--	-98.28	Peak	198.00	150	Vertical	N/A
4**	5582.000	92.60	-1.41	--	92.60	AV	198.00	150	Vertical	N/A
5	11845.363	50.64	-2.23	74.0	-23.36	Peak	190.00	150	Vertical	Pass
5**	11845.363	41.47	-2.23	54.0	-12.53	AV	190.00	150	Vertical	Pass
6	15604.688	51.94	-0.60	74.0	-22.06	Peak	196.00	150	Vertical	Pass
6**	15604.688	43.37	-0.60	54.0	-10.63	AV	196.00	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	1399.800	37.74	-17.43	74.0	-36.26	Peak	305.00	150	Horizontal	Pass
1**	1399.800	29.59	-17.43	54.0	-24.41	AV	305.00	150	Horizontal	Pass
2	2812.100	42.56	-10.67	74.0	-31.44	Peak	299.00	150	Horizontal	Pass
2**	2812.100	33.85	-10.67	54.0	-20.15	AV	299.00	150	Horizontal	Pass
3	4228.000	48.43	-4.32	74.0	-25.57	Peak	349.00	150	Horizontal	Pass
3**	4228.000	38.13	-4.32	54.0	-15.87	AV	349.00	150	Horizontal	Pass
4	5700.750	103.78	-1.51	--	87.78	Peak	16.00	150	Horizontal	N/A
4**	5700.750	95.53	-1.51	--	95.53	AV	16.00	150	Horizontal	N/A
5	11139.750	50.64	-3.09	74.0	-23.36	Peak	311.00	150	Horizontal	Pass
5**	11139.750	40.98	-3.09	54.0	-13.02	AV	311.00	150	Horizontal	Pass
6	15589.200	53.28	-0.49	74.0	-20.72	Peak	162.00	150	Horizontal	Pass
6**	15589.200	42.95	-0.49	54.0	-11.05	AV	162.00	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	1337.300	37.61	-17.29	74.0	-36.39	Peak	50.00	150	Vertical	Pass
1**	1337.300	27.84	-17.29	54.0	-26.16	AV	50.00	150	Vertical	Pass
2	2865.100	43.06	-10.12	74.0	-30.94	Peak	90.00	150	Vertical	Pass
2**	2865.100	33.20	-10.12	54.0	-20.80	AV	90.00	150	Vertical	Pass
3	4213.250	48.50	-4.77	74.0	-25.50	Peak	360.00	150	Vertical	Pass
3**	4213.250	39.03	-4.77	54.0	-14.97	AV	360.00	150	Vertical	Pass
4	5702.000	90.81	-1.47	--	-128.19	Peak	219.00	150	Vertical	N/A
4**	5702.000	83.04	-1.47	--	83.04	AV	219.00	150	Vertical	N/A
5	11932.049	50.84	-2.05	74.0	-23.16	Peak	203.00	150	Vertical	Pass
5**	11932.049	40.78	-2.05	54.0	-13.22	AV	203.00	150	Vertical	Pass
6	15544.838	52.55	-0.46	74.0	-21.45	Peak	142.00	150	Vertical	Pass
6**	15544.838	42.57	-0.46	54.0	-11.43	AV	142.00	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	1514.900	37.36	-17.40	74.0	-36.64	Peak	76.00	150	Horizontal	Pass
1**	1514.900	28.10	-17.40	54.0	-25.90	AV	76.00	150	Horizontal	Pass
2	2781.700	42.06	-10.65	74.0	-31.94	Peak	259.00	150	Horizontal	Pass
2**	2781.700	32.97	-10.65	54.0	-21.03	AV	259.00	150	Horizontal	Pass
3	4260.000	47.64	-3.25	74.0	-26.36	Peak	129.00	150	Horizontal	Pass
3**	4260.000	39.59	-3.25	54.0	-14.41	AV	129.00	150	Horizontal	Pass
4	5501.750	105.99	-1.81	--	99.99	Peak	6.00	150	Horizontal	N/A
4**	5501.750	98.30	-1.81	--	98.30	AV	6.00	150	Horizontal	N/A
5	11921.599	50.85	-1.82	74.0	-23.15	Peak	217.00	150	Horizontal	Pass
5**	11921.599	41.43	-1.82	54.0	-12.57	AV	217.00	150	Horizontal	Pass
6	15925.987	52.14	-0.69	74.0	-21.86	Peak	254.00	150	Horizontal	Pass
6**	15925.987	43.58	-0.69	54.0	-10.42	AV	254.00	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	1580.600	37.69	-17.49	74.0	-36.31	Peak	78.00	150	Vertical	Pass
1**	1580.600	27.86	-17.49	54.0	-26.14	AV	78.00	150	Vertical	Pass
2	2881.300	42.51	-10.30	74.0	-31.49	Peak	45.00	150	Vertical	Pass
2**	2881.300	32.82	-10.30	54.0	-21.18	AV	45.00	150	Vertical	Pass
3	4242.750	48.06	-4.11	74.0	-25.94	Peak	229.00	150	Vertical	Pass
3**	4242.750	38.63	-4.11	54.0	-15.37	AV	229.00	150	Vertical	Pass
4	5501.000	95.74	-1.85	--	-93.26	Peak	189.00	150	Vertical	N/A
4**	5501.000	88.90	-1.85	--	88.90	AV	189.00	150	Vertical	N/A
5	11896.662	50.75	-1.42	74.0	-23.25	Peak	284.00	150	Vertical	Pass
5**	11896.662	40.74	-1.42	54.0	-13.26	AV	284.00	150	Vertical	Pass
6	16118.138	51.76	-0.77	74.0	-22.24	Peak	143.00	150	Vertical	Pass
6**	16118.138	42.84	-0.77	54.0	-11.16	AV	143.00	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	1355.700	37.92	-17.29	74.0	-36.08	Peak	252.00	150	Horizontal	Pass
1**	1355.700	28.23	-17.29	54.0	-25.77	AV	252.00	150	Horizontal	Pass
2	2830.100	43.42	-10.70	74.0	-30.58	Peak	292.00	150	Horizontal	Pass
2**	2830.100	33.70	-10.70	54.0	-20.30	AV	292.00	150	Horizontal	Pass
3	4256.500	48.19	-3.23	74.0	-25.81	Peak	360.00	150	Horizontal	Pass
3**	4256.500	39.07	-3.23	54.0	-14.93	AV	360.00	150	Horizontal	Pass
4	5579.250	109.72	-1.32	--	-250.28	Peak	360.00	150	Horizontal	N/A
4**	5579.250	102.51	-1.32	--	102.51	AV	360.00	150	Horizontal	N/A
5	11923.738	50.65	-1.87	74.0	-23.35	Peak	57.00	150	Horizontal	Pass
5**	11923.738	41.12	-1.87	54.0	-12.88	AV	57.00	150	Horizontal	Pass
6	16093.987	52.31	-1.26	74.0	-21.69	Peak	290.00	150	Horizontal	Pass
6**	16093.987	42.51	-1.26	54.0	-11.49	AV	290.00	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	1523.200	38.29	-17.51	74.0	-35.71	Peak	194.00	150	Vertical	Pass
1**	1523.200	28.08	-17.51	54.0	-25.92	AV	194.00	150	Vertical	Pass
2	2809.800	43.07	-10.71	74.0	-30.93	Peak	279.00	150	Vertical	Pass
2**	2809.800	32.99	-10.71	54.0	-21.01	AV	279.00	150	Vertical	Pass
3	4241.750	48.02	-4.16	74.0	-25.98	Peak	360.00	150	Vertical	Pass
3**	4241.750	39.10	-4.16	54.0	-14.90	AV	360.00	150	Vertical	Pass
4	5579.000	100.30	-1.33	--	-89.70	Peak	190.00	150	Vertical	N/A
4**	5579.000	92.72	-1.33	--	92.72	AV	190.00	150	Vertical	N/A
5	11161.838	51.08	-3.72	74.0	-22.92	Peak	324.00	150	Vertical	Pass
5**	11161.838	41.82	-3.72	54.0	-12.18	AV	324.00	150	Vertical	Pass
6	15609.938	51.63	-0.72	74.0	-22.37	Peak	125.00	150	Vertical	Pass
6**	15609.938	42.78	-0.72	54.0	-11.22	AV	125.00	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	1402.400	37.77	-17.54	74.0	-36.23	Peak	200.00	150	Horizontal	Pass
1**	1402.400	28.53	-17.54	54.0	-25.47	AV	200.00	150	Horizontal	Pass
2	2745.300	42.46	-10.75	74.0	-31.54	Peak	219.00	150	Horizontal	Pass
2**	2745.300	33.48	-10.75	54.0	-20.52	AV	219.00	150	Horizontal	Pass
3	4699.750	49.66	-2.47	74.0	-24.34	Peak	251.00	150	Horizontal	Pass
3**	4699.750	40.68	-2.47	54.0	-13.32	AV	251.00	150	Horizontal	Pass
4	5701.250	102.51	-1.47	--	86.51	Peak	16.00	150	Horizontal	N/A
4**	5701.250	95.28	-1.47	--	95.28	AV	16.00	150	Horizontal	N/A
5	12028.237	50.92	-2.13	74.0	-23.08	Peak	163.00	150	Horizontal	Pass
5**	12028.237	41.95	-2.13	54.0	-12.05	AV	163.00	150	Horizontal	Pass
6	17776.876	54.51	2.67	74.0	-19.49	Peak	332.00	150	Horizontal	Pass
6**	17776.876	45.07	2.67	54.0	-8.93	AV	332.00	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	1390.100	37.45	-17.26	74.0	-36.55	Peak	232.00	150	Vertical	Pass
1**	1390.100	28.63	-17.26	54.0	-25.37	AV	232.00	150	Vertical	Pass
2	2756.900	43.33	-10.82	74.0	-30.67	Peak	291.00	150	Vertical	Pass
2**	2756.900	33.06	-10.82	54.0	-20.94	AV	291.00	150	Vertical	Pass
3	4244.500	47.53	-3.87	74.0	-26.47	Peak	360.00	150	Vertical	Pass
3**	4244.500	39.20	-3.87	54.0	-14.80	AV	360.00	150	Vertical	Pass
4	5702.500	90.56	-1.48	--	53.56	Peak	37.00	150	Vertical	N/A
4**	5702.500	82.34	-1.48	--	82.34	AV	37.00	150	Vertical	N/A
5	11115.050	50.91	-2.65	74.0	-23.09	Peak	310.00	150	Vertical	Pass
5**	11115.050	40.75	-2.65	54.0	-13.25	AV	310.00	150	Vertical	Pass
6	15591.300	52.64	-0.50	74.0	-21.36	Peak	362.00	150	Vertical	Pass
6**	15591.300	43.11	-0.50	54.0	-10.89	AV	362.00	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	1499.100	37.84	-17.30	74.0	-36.16	Peak	50.00	150	Horizontal	Pass
1**	1499.100	28.19	-17.30	54.0	-25.81	AV	50.00	150	Horizontal	Pass
2	2850.400	43.36	-10.73	74.0	-30.64	Peak	239.00	150	Horizontal	Pass
2**	2850.400	32.71	-10.73	54.0	-21.29	AV	239.00	150	Horizontal	Pass
3	4259.000	47.35	-3.18	74.0	-26.65	Peak	129.00	150	Horizontal	Pass
3**	4259.000	38.53	-3.18	54.0	-15.47	AV	129.00	150	Horizontal	Pass
4	5507.750	101.81	-1.72	--	94.81	Peak	7.00	150	Horizontal	N/A
4**	5507.750	94.87	-1.72	--	94.87	AV	7.00	150	Horizontal	N/A
5	12035.599	50.64	-2.29	74.0	-23.36	Peak	191.00	150	Horizontal	Pass
5**	12035.599	41.50	-2.29	54.0	-12.50	AV	191.00	150	Horizontal	Pass
6	17890.537	53.09	2.10	74.0	-20.91	Peak	312.00	150	Horizontal	Pass
6**	17890.537	43.61	2.10	54.0	-10.39	AV	312.00	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	1488.800	37.27	-17.22	74.0	-36.73	Peak	68.00	150	Vertical	Pass
1**	1488.800	28.56	-17.22	54.0	-25.44	AV	68.00	150	Vertical	Pass
2	2778.900	42.71	-10.74	74.0	-31.29	Peak	219.00	150	Vertical	Pass
2**	2778.900	33.07	-10.74	54.0	-20.93	AV	219.00	150	Vertical	Pass
3	4249.000	47.52	-3.49	74.0	-26.48	Peak	-1.00	150	Vertical	Pass
3**	4249.000	39.53	-3.49	54.0	-14.47	AV	-1.00	150	Vertical	Pass
4	5513.000	92.12	-1.58	--	-98.88	Peak	191.00	150	Vertical	N/A
4**	5513.000	85.50	-1.58	--	85.50	AV	191.00	150	Vertical	N/A
5	11045.701	50.81	-4.36	74.0	-23.19	Peak	94.00	150	Vertical	Pass
5**	11045.701	40.21	-4.36	54.0	-13.79	AV	94.00	150	Vertical	Pass
6	16006.050	51.34	-0.99	74.0	-22.66	Peak	351.00	150	Vertical	Pass
6**	16006.050	42.44	-0.99	54.0	-11.56	AV	351.00	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	1511.700	37.80	-17.26	74.0	-36.20	Peak	360.00	150	Horizontal	Pass
1**	1511.700	28.42	-17.26	54.0	-25.58	AV	360.00	150	Horizontal	Pass
2	2839.800	42.55	-10.98	74.0	-31.45	Peak	5.00	150	Horizontal	Pass
2**	2839.800	32.71	-10.98	54.0	-21.29	AV	5.00	150	Horizontal	Pass
3	4262.750	47.86	-3.35	74.0	-26.14	Peak	111.00	150	Horizontal	Pass
3**	4262.750	39.12	-3.35	54.0	-14.88	AV	111.00	150	Horizontal	Pass
4	5588.750	105.82	-1.68	--	99.82	Peak	6.00	150	Horizontal	N/A
4**	5588.750	98.21	-1.68	--	98.21	AV	6.00	150	Horizontal	N/A
5	10888.475	50.82	-3.39	74.0	-23.18	Peak	107.00	150	Horizontal	Pass
5**	10888.475	41.12	-3.39	54.0	-12.88	AV	107.00	150	Horizontal	Pass
6	16136.513	52.07	-0.34	74.0	-21.93	Peak	108.00	150	Horizontal	Pass
6**	16136.513	43.25	-0.34	54.0	-10.75	AV	108.00	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	1515.700	37.68	-17.42	74.0	-36.32	Peak	284.00	150	Vertical	Pass
1**	1515.700	27.90	-17.42	54.0	-26.10	AV	284.00	150	Vertical	Pass
2	2820.100	42.45	-10.67	74.0	-31.55	Peak	360.00	150	Vertical	Pass
2**	2820.100	33.15	-10.67	54.0	-20.85	AV	360.00	150	Vertical	Pass
3	4269.250	48.61	-4.02	74.0	-25.39	Peak	171.00	150	Vertical	Pass
3**	4269.250	38.93	-4.02	54.0	-15.07	AV	171.00	150	Vertical	Pass
4	5597.500	95.30	-1.12	--	58.30	Peak	37.00	150	Vertical	N/A
4**	5597.500	87.71	-1.12	--	87.71	AV	37.00	150	Vertical	N/A
5	12419.637	51.24	-1.35	74.0	-22.76	Peak	338.00	150	Vertical	Pass
5**	12419.637	40.93	-1.35	54.0	-13.07	AV	338.00	150	Vertical	Pass
6	15595.763	52.68	-0.50	74.0	-21.32	Peak	362.00	150	Vertical	Pass
6**	15595.763	43.24	-0.50	54.0	-10.76	AV	362.00	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	1550.100	37.59	-17.38	74.0	-36.41	Peak	-2.00	150	Horizontal	Pass
1**	1550.100	27.79	-17.38	54.0	-26.21	AV	-2.00	150	Horizontal	Pass
2	2817.100	42.50	-10.65	74.0	-31.50	Peak	312.00	150	Horizontal	Pass
2**	2817.100	33.70	-10.65	54.0	-20.30	AV	312.00	150	Horizontal	Pass
3	4166.750	47.66	-4.88	74.0	-26.34	Peak	266.00	150	Horizontal	Pass
3**	4166.750	38.21	-4.88	54.0	-15.79	AV	266.00	150	Horizontal	Pass
4	5672.750	101.43	-1.75	--	96.43	Peak	5.00	150	Horizontal	N/A
4**	5672.750	93.99	-1.75	--	93.99	AV	5.00	150	Horizontal	N/A
5	12498.013	50.73	-1.43	74.0	-23.27	Peak	214.00	150	Horizontal	Pass
5**	12498.013	41.75	-1.43	54.0	-12.25	AV	214.00	150	Horizontal	Pass
6	17817.301	53.12	2.02	74.0	-20.88	Peak	298.00	150	Horizontal	Pass
6**	17817.301	44.53	2.02	54.0	-9.47	AV	298.00	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	1377.200	37.99	-17.40	74.0	-36.01	Peak	140.00	150	Vertical	Pass
1**	1377.200	28.08	-17.40	54.0	-25.92	AV	140.00	150	Vertical	Pass
2	2858.600	42.89	-10.47	74.0	-31.11	Peak	49.00	150	Vertical	Pass
2**	2858.600	32.97	-10.47	54.0	-21.03	AV	49.00	150	Vertical	Pass
3	4340.750	47.74	-4.22	74.0	-26.26	Peak	245.00	150	Vertical	Pass
3**	4340.750	38.69	-4.22	54.0	-15.31	AV	245.00	150	Vertical	Pass
4	5666.000	89.90	-1.51	--	-104.10	Peak	194.00	150	Vertical	N/A
4**	5666.000	82.11	-1.51	--	82.11	AV	194.00	150	Vertical	N/A
5	12041.300	50.73	-2.42	74.0	-23.27	Peak	49.00	150	Vertical	Pass
5**	12041.300	41.33	-2.42	54.0	-12.67	AV	49.00	150	Vertical	Pass
6	16102.651	51.99	-1.14	74.0	-22.01	Peak	318.00	150	Vertical	Pass
6**	16102.651	42.28	-1.14	54.0	-11.72	AV	318.00	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	1512.900	37.86	-17.24	74.0	-36.14	Peak	32.00	150	Horizontal	Pass
1**	1512.900	28.34	-17.24	54.0	-25.66	AV	32.00	150	Horizontal	Pass
2	2815.500	42.65	-10.70	74.0	-31.35	Peak	225.00	150	Horizontal	Pass
2**	2815.500	33.03	-10.70	54.0	-20.97	AV	225.00	150	Horizontal	Pass
3	3973.500	47.28	-4.88	74.0	-26.72	Peak	176.00	150	Horizontal	Pass
3**	3973.500	37.69	-4.88	54.0	-16.31	AV	176.00	150	Horizontal	Pass
4	5501.500	105.85	-1.81	--	105.85	Peak	0.00	150	Horizontal	N/A
4**	5501.500	98.54	-1.81	--	98.54	AV	0.00	150	Horizontal	N/A
5	12005.675	50.43	-1.63	74.0	-23.57	Peak	361.00	150	Horizontal	Pass
5**	12005.675	41.27	-1.63	54.0	-12.73	AV	361.00	150	Horizontal	Pass
6	15643.800	51.86	-1.49	74.0	-22.14	Peak	362.00	150	Horizontal	Pass
6**	15643.800	41.37	-1.49	54.0	-12.63	AV	362.00	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	1362.500	37.45	-17.44	74.0	-36.55	Peak	7.00	150	Vertical	Pass
1**	1362.500	27.13	-17.44	54.0	-26.87	AV	7.00	150	Vertical	Pass
2	2747.200	42.97	-10.76	74.0	-31.03	Peak	333.00	150	Vertical	Pass
2**	2747.200	33.47	-10.76	54.0	-20.53	AV	333.00	150	Vertical	Pass
3	4040.750	47.48	-4.96	74.0	-26.52	Peak	137.00	150	Vertical	Pass
3**	4040.750	37.83	-4.96	54.0	-16.17	AV	137.00	150	Vertical	Pass
4	5497.750	95.90	-1.85	--	-94.10	Peak	190.00	150	Vertical	N/A
4**	5497.750	88.08	-1.85	--	88.08	AV	190.00	150	Vertical	N/A
5	11899.750	50.60	-1.37	74.0	-23.40	Peak	351.00	150	Vertical	Pass
5**	11899.750	41.30	-1.37	54.0	-12.70	AV	351.00	150	Vertical	Pass
6	17757.712	53.83	3.09	74.0	-20.17	Peak	206.00	150	Vertical	Pass
6**	17757.712	44.11	3.09	54.0	-9.89	AV	206.00	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	1462.600	37.52	-17.50	74.0	-36.48	Peak	332.00	150	Horizontal	Pass
1**	1462.600	27.56	-17.50	54.0	-26.44	AV	332.00	150	Horizontal	Pass
2	2855.100	42.64	-10.57	74.0	-31.36	Peak	320.00	150	Horizontal	Pass
2**	2855.100	33.08	-10.57	54.0	-20.92	AV	320.00	150	Horizontal	Pass
3	4305.250	47.47	-4.41	74.0	-26.53	Peak	304.00	150	Horizontal	Pass
3**	4305.250	38.60	-4.41	54.0	-15.40	AV	304.00	150	Horizontal	Pass
4	5581.000	109.15	-1.33	--	105.15	Peak	4.00	150	Horizontal	N/A
4**	5581.000	103.01	-1.33	--	103.01	AV	4.00	150	Horizontal	N/A
5	11851.062	51.17	-2.14	74.0	-22.83	Peak	59.00	150	Horizontal	Pass
5**	11851.062	40.72	-2.14	54.0	-13.28	AV	59.00	150	Horizontal	Pass
6	15615.974	51.17	-0.86	74.0	-22.83	Peak	362.00	150	Horizontal	Pass
6**	15615.974	41.97	-0.86	54.0	-12.03	AV	362.00	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	1487.800	37.29	-17.17	74.0	-36.71	Peak	43.00	150	Vertical	Pass
1**	1487.800	27.78	-17.17	54.0	-26.22	AV	43.00	150	Vertical	Pass
2	2879.100	42.82	-10.23	74.0	-31.18	Peak	216.00	150	Vertical	Pass
2**	2879.100	33.36	-10.23	54.0	-20.64	AV	216.00	150	Vertical	Pass
3	3975.000	47.87	-4.75	74.0	-26.13	Peak	48.00	150	Vertical	Pass
3**	3975.000	37.32	-4.75	54.0	-16.68	AV	48.00	150	Vertical	Pass
4	5577.750	99.84	-1.36	--	-95.16	Peak	195.00	150	Vertical	N/A
4**	5577.750	91.48	-1.36	--	91.48	AV	195.00	150	Vertical	N/A
5	12418.450	51.04	-1.35	74.0	-22.96	Peak	253.00	150	Vertical	Pass
5**	12418.450	40.79	-1.35	54.0	-13.21	AV	253.00	150	Vertical	Pass
6	15580.800	51.63	-0.49	74.0	-22.37	Peak	33.00	150	Vertical	Pass
6**	15580.800	43.45	-0.49	54.0	-10.55	AV	33.00	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	1467.800	37.96	-17.47	74.0	-36.04	Peak	-2.00	150	Horizontal	Pass
1**	1467.800	27.80	-17.47	54.0	-26.20	AV	-2.00	150	Horizontal	Pass
2	2778.400	42.38	-10.72	74.0	-31.62	Peak	80.00	150	Horizontal	Pass
2**	2778.400	32.78	-10.72	54.0	-21.22	AV	80.00	150	Horizontal	Pass
3	4294.250	48.49	-4.11	74.0	-25.51	Peak	348.00	150	Horizontal	Pass
3**	4294.250	38.77	-4.11	54.0	-15.23	AV	348.00	150	Horizontal	Pass
4	5697.250	102.62	-1.48	--	91.62	Peak	11.00	150	Horizontal	N/A
4**	5697.250	94.41	-1.48	--	94.41	AV	11.00	150	Horizontal	N/A
5	12025.388	51.32	-2.06	74.0	-22.68	Peak	4.00	150	Horizontal	Pass
5**	12025.388	41.52	-2.06	54.0	-12.48	AV	4.00	150	Horizontal	Pass
6	17891.850	52.76	2.11	74.0	-21.24	Peak	53.00	150	Horizontal	Pass
6**	17891.850	44.14	2.11	54.0	-9.86	AV	53.00	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	1355.500	37.51	-17.30	74.0	-36.49	Peak	172.00	150	Vertical	Pass
1**	1355.500	28.46	-17.30	54.0	-25.54	AV	172.00	150	Vertical	Pass
2	2834.200	42.65	-10.93	74.0	-31.35	Peak	361.00	150	Vertical	Pass
2**	2834.200	33.78	-10.93	54.0	-20.22	AV	361.00	150	Vertical	Pass
3	4137.500	47.51	-4.60	74.0	-26.49	Peak	319.00	150	Vertical	Pass
3**	4137.500	38.16	-4.60	54.0	-15.84	AV	319.00	150	Vertical	Pass
4	5702.500	90.88	-1.48	--	54.88	Peak	36.00	150	Vertical	N/A
4**	5702.500	83.20	-1.48	--	83.20	AV	36.00	150	Vertical	N/A
5	12088.563	50.10	-2.87	74.0	-23.90	Peak	53.00	150	Vertical	Pass
5**	12088.563	40.78	-2.87	54.0	-13.22	AV	53.00	150	Vertical	Pass
6	15574.500	51.85	-0.49	74.0	-22.15	Peak	284.00	150	Vertical	Pass
6**	15574.500	42.32	-0.49	54.0	-11.68	AV	284.00	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	1527.000	37.78	-17.63	74.0	-36.22	Peak	345.00	150	Horizontal	Pass
1**	1527.000	28.74	-17.63	54.0	-25.26	AV	345.00	150	Horizontal	Pass
2	2830.000	42.71	-10.71	74.0	-31.29	Peak	263.00	150	Horizontal	Pass
2**	2830.000	32.90	-10.71	54.0	-21.10	AV	263.00	150	Horizontal	Pass
3	4340.000	47.97	-4.31	74.0	-26.03	Peak	303.00	150	Horizontal	Pass
3**	4340.000	38.03	-4.31	54.0	-15.97	AV	303.00	150	Horizontal	Pass
4	5512.000	102.18	-1.60	--	103.18	Peak	-1.00	150	Horizontal	N/A
4**	5512.000	95.52	-1.60	--	95.52	AV	-1.00	150	Horizontal	N/A
5	10854.275	50.05	-2.38	74.0	-23.95	Peak	128.00	150	Horizontal	Pass
5**	10854.275	40.88	-2.38	54.0	-13.12	AV	128.00	150	Horizontal	Pass
6	15911.287	52.72	-0.89	74.0	-21.28	Peak	359.00	150	Horizontal	Pass
6**	15911.287	41.24	-0.89	54.0	-12.76	AV	359.00	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	1103.900	38.10	-18.52	74.0	-35.90	Peak	220.00	150	Vertical	Pass
1**	1103.900	26.36	-18.52	54.0	-27.64	AV	220.00	150	Vertical	Pass
2	2795.800	42.47	-11.07	74.0	-31.53	Peak	248.00	150	Vertical	Pass
2**	2795.800	32.55	-11.07	54.0	-21.45	AV	248.00	150	Vertical	Pass
3	4332.250	48.76	-4.35	74.0	-25.24	Peak	156.00	150	Vertical	Pass
3**	4332.250	38.62	-4.35	54.0	-15.38	AV	156.00	150	Vertical	Pass
4	5514.750	91.45	-1.60	--	-96.55	Peak	188.00	150	Vertical	N/A
4**	5514.750	84.56	-1.60	--	84.56	AV	188.00	150	Vertical	N/A
5	12010.900	50.92	-1.74	74.0	-23.08	Peak	253.00	150	Vertical	Pass
5**	12010.900	41.50	-1.74	54.0	-12.50	AV	253.00	150	Vertical	Pass
6	15586.838	52.08	-0.49	74.0	-21.92	Peak	185.00	150	Vertical	Pass
6**	15586.838	42.85	-0.49	54.0	-11.15	AV	185.00	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	1599.300	37.52	-17.51	74.0	-36.48	Peak	71.00	150	Horizontal	Pass
1**	1599.300	28.05	-17.51	54.0	-25.95	AV	71.00	150	Horizontal	Pass
2	2830.500	42.52	-10.66	74.0	-31.48	Peak	239.00	150	Horizontal	Pass
2**	2830.500	33.10	-10.66	54.0	-20.90	AV	239.00	150	Horizontal	Pass
3	4235.250	47.73	-4.53	74.0	-26.27	Peak	205.00	150	Horizontal	Pass
3**	4235.250	38.02	-4.53	54.0	-15.98	AV	205.00	150	Horizontal	Pass
4	5587.000	105.48	-1.60	--	97.48	Peak	8.00	150	Horizontal	N/A
4**	5587.000	98.22	-1.60	--	98.22	AV	8.00	150	Horizontal	N/A
5	10777.326	50.55	-3.59	74.0	-23.45	Peak	169.00	150	Horizontal	Pass
5**	10777.326	40.76	-3.59	54.0	-13.24	AV	169.00	150	Horizontal	Pass
6	15935.175	51.95	-0.56	74.0	-22.05	Peak	90.00	150	Horizontal	Pass
6**	15935.175	41.47	-0.56	54.0	-12.53	AV	90.00	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	1395.300	37.89	-17.32	74.0	-36.11	Peak	186.00	150	Vertical	Pass
1**	1395.300	27.76	-17.32	54.0	-26.24	AV	186.00	150	Vertical	Pass
2	2850.800	42.36	-10.70	74.0	-31.64	Peak	52.00	150	Vertical	Pass
2**	2850.800	33.71	-10.70	54.0	-20.29	AV	52.00	150	Vertical	Pass
3	4275.250	48.15	-4.03	74.0	-25.85	Peak	82.00	150	Vertical	Pass
3**	4275.250	39.43	-4.03	54.0	-14.57	AV	82.00	150	Vertical	Pass
4	5592.750	95.31	-1.58	--	55.31	Peak	40.00	150	Vertical	N/A
4**	5592.750	87.68	-1.58	--	87.68	AV	40.00	150	Vertical	N/A
5	12054.362	50.56	-2.64	74.0	-23.44	Peak	113.00	150	Vertical	Pass
5**	12054.362	41.80	-2.64	54.0	-12.20	AV	113.00	150	Vertical	Pass
6	17816.513	52.86	2.03	74.0	-21.14	Peak	53.00	150	Vertical	Pass
6**	17816.513	44.45	2.03	54.0	-9.55	AV	53.00	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	1414.200	38.35	-17.49	74.0	-35.65	Peak	65.00	150	Horizontal	Pass
1**	1414.200	28.37	-17.49	54.0	-25.63	AV	65.00	150	Horizontal	Pass
2	2842.100	42.59	-10.98	74.0	-31.41	Peak	158.00	150	Horizontal	Pass
2**	2842.100	33.45	-10.98	54.0	-20.55	AV	158.00	150	Horizontal	Pass
3	4295.250	47.80	-4.19	74.0	-26.20	Peak	29.00	150	Horizontal	Pass
3**	4295.250	38.18	-4.19	54.0	-15.82	AV	29.00	150	Horizontal	Pass
4	5667.500	101.10	-1.70	--	93.10	Peak	8.00	150	Horizontal	N/A
4**	5667.500	93.99	-1.70	--	93.99	AV	8.00	150	Horizontal	N/A
5	11113.625	50.21	-2.62	74.0	-23.79	Peak	228.00	150	Horizontal	Pass
5**	11113.625	41.21	-2.62	54.0	-12.79	AV	228.00	150	Horizontal	Pass
6	16118.400	51.94	-0.76	74.0	-22.06	Peak	127.00	150	Horizontal	Pass
6**	16118.400	42.92	-0.76	54.0	-11.08	AV	127.00	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	1347.400	37.96	-16.92	74.0	-36.04	Peak	146.00	150	Vertical	Pass
1**	1347.400	28.93	-16.92	54.0	-25.07	AV	146.00	150	Vertical	Pass
2	2838.700	42.96	-10.96	74.0	-31.04	Peak	-2.00	150	Vertical	Pass
2**	2838.700	33.14	-10.96	54.0	-20.86	AV	-2.00	150	Vertical	Pass
3	4201.000	48.09	-4.85	74.0	-25.91	Peak	60.00	150	Vertical	Pass
3**	4201.000	38.01	-4.85	54.0	-15.99	AV	60.00	150	Vertical	Pass
4	5666.250	90.23	-1.55	--	-105.77	Peak	196.00	150	Vertical	N/A
4**	5666.250	81.98	-1.55	--	81.98	AV	196.00	150	Vertical	N/A
5	11764.375	50.59	-2.33	74.0	-23.41	Peak	296.00	150	Vertical	Pass
5**	11764.375	40.36	-2.33	54.0	-13.64	AV	296.00	150	Vertical	Pass
6	15587.625	51.37	-0.49	74.0	-22.63	Peak	298.00	150	Vertical	Pass
6**	15587.625	43.09	-0.49	54.0	-10.91	AV	298.00	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	1351.100	38.38	-17.28	74.0	-35.62	Peak	250.00	150	Horizontal	Pass
1**	1351.100	28.01	-17.28	54.0	-25.99	AV	250.00	150	Horizontal	Pass
2	2836.100	42.88	-10.87	74.0	-31.12	Peak	97.00	150	Horizontal	Pass
2**	2836.100	33.09	-10.87	54.0	-20.91	AV	97.00	150	Horizontal	Pass
3	4258.750	48.18	-3.16	74.0	-25.82	Peak	121.00	150	Horizontal	Pass
3**	4258.750	38.66	-3.16	54.0	-15.34	AV	121.00	150	Horizontal	Pass
4	5523.250	95.26	-1.54	--	96.26	Peak	-1.00	150	Horizontal	N/A
4**	5523.250	88.34	-1.54	--	88.34	AV	-1.00	150	Horizontal	N/A
5	12043.675	50.48	-2.47	74.0	-23.52	Peak	360.00	150	Horizontal	Pass
5**	12043.675	41.73	-2.47	54.0	-12.27	AV	360.00	150	Horizontal	Pass
6	15822.825	51.97	-0.80	74.0	-22.03	Peak	53.00	150	Horizontal	Pass
6**	15822.825	41.51	-0.80	54.0	-12.49	AV	53.00	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	1502.200	37.62	-17.43	74.0	-36.38	Peak	207.00	150	Vertical	Pass
1**	1502.200	28.69	-17.43	54.0	-25.31	AV	207.00	150	Vertical	Pass
2	2826.700	42.86	-10.78	74.0	-31.14	Peak	306.00	150	Vertical	Pass
2**	2826.700	33.18	-10.78	54.0	-20.82	AV	306.00	150	Vertical	Pass
3	4266.750	47.99	-3.53	74.0	-26.01	Peak	10.00	150	Vertical	Pass
3**	4266.750	39.50	-3.53	54.0	-14.50	AV	10.00	150	Vertical	Pass
4	5521.750	84.87	-1.47	--	-108.13	Peak	193.00	150	Vertical	N/A
4**	5521.750	77.83	-1.47	--	77.83	AV	193.00	150	Vertical	N/A
5	12513.450	50.93	-1.40	74.0	-23.07	Peak	166.00	150	Vertical	Pass
5**	12513.450	41.23	-1.40	54.0	-12.77	AV	166.00	150	Vertical	Pass
6	15596.287	51.80	-0.50	74.0	-22.20	Peak	109.00	150	Vertical	Pass
6**	15596.287	43.00	-0.50	54.0	-11.00	AV	109.00	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	1517.900	37.67	-17.40	74.0	-36.33	Peak	66.00	150	Horizontal	Pass
1**	1517.900	29.01	-17.40	54.0	-24.99	AV	66.00	150	Horizontal	Pass
2	2867.900	42.89	-10.18	74.0	-31.11	Peak	124.00	150	Horizontal	Pass
2**	2867.900	33.69	-10.18	54.0	-20.31	AV	124.00	150	Horizontal	Pass
3	4258.250	48.04	-3.16	74.0	-25.96	Peak	229.00	150	Horizontal	Pass
3**	4258.250	39.61	-3.16	54.0	-14.39	AV	229.00	150	Horizontal	Pass
4	5603.500	101.89	-1.30	--	84.89	Peak	17.00	150	Horizontal	N/A
4**	5603.500	94.80	-1.30	--	94.80	AV	17.00	150	Horizontal	N/A
5	11111.012	50.54	-2.57	74.0	-23.46	Peak	9.00	150	Horizontal	Pass
5**	11111.012	40.82	-2.57	54.0	-13.18	AV	9.00	150	Horizontal	Pass
6	17770.838	53.04	2.80	74.0	-20.96	Peak	362.00	150	Horizontal	Pass
6**	17770.838	44.45	2.80	54.0	-9.55	AV	362.00	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	1336.300	37.67	-17.25	74.0	-36.33	Peak	6.00	150	Vertical	Pass
1**	1336.300	29.32	-17.25	54.0	-24.68	AV	6.00	150	Vertical	Pass
2	2747.600	42.54	-10.78	74.0	-31.46	Peak	328.00	150	Vertical	Pass
2**	2747.600	34.23	-10.78	54.0	-19.77	AV	328.00	150	Vertical	Pass
3	4243.500	48.26	-4.08	74.0	-25.74	Peak	353.00	150	Vertical	Pass
3**	4243.500	38.43	-4.08	54.0	-15.57	AV	353.00	150	Vertical	Pass
4	5603.250	91.21	-1.27	--	-100.79	Peak	192.00	150	Vertical	N/A
4**	5603.250	83.11	-1.27	--	83.11	AV	192.00	150	Vertical	N/A
5	12516.537	51.58	-1.39	74.0	-22.42	Peak	30.00	150	Vertical	Pass
5**	12516.537	41.09	-1.39	54.0	-12.91	AV	30.00	150	Vertical	Pass
6	17856.412	52.84	1.80	74.0	-21.16	Peak	92.00	150	Vertical	Pass
6**	17856.412	43.96	1.80	54.0	-10.04	AV	92.00	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	1500.300	40.66	-15.20	74.0	-33.34	Peak	293.00	150	Horizontal	Pass
1**	1500.300	36.18	-15.20	54.0	-17.82	AV	293.00	150	Horizontal	Pass
2	2864.800	41.88	-7.80	74.0	-32.12	Peak	121.00	150	Horizontal	Pass
2**	2864.800	32.20	-7.80	54.0	-21.80	AV	121.00	150	Horizontal	Pass
3	4145.000	46.80	-3.80	74.0	-27.20	Peak	-1.00	150	Horizontal	Pass
3**	4145.000	35.61	-3.80	54.0	-18.39	AV	-1.00	150	Horizontal	Pass
4	5742.600	105.93	0.07	--	78.93	Peak	27.00	150	Horizontal	N/A
4**	5742.600	98.83	0.07	--	98.83	AV	27.00	150	Horizontal	N/A
5	12263.262	50.25	20.36	74.0	-23.75	Peak	112.00	150	Horizontal	Pass
5**	12263.262	38.28	20.36	54.0	-15.72	AV	112.00	150	Horizontal	Pass
6	15481.575	55.50	23.68	74.0	-18.50	Peak	158.00	150	Horizontal	Pass
6**	15481.575	43.72	23.68	54.0	-10.28	AV	158.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	38.19	-15.19	74.0	-35.81	Peak	135.00	150	Vertical	Pass
1**	1500.000	32.34	-15.19	54.0	-21.66	AV	135.00	150	Vertical	Pass
2	2784.000	41.76	-8.77	74.0	-32.24	Peak	360.00	150	Vertical	Pass
2**	2784.000	31.52	-8.77	54.0	-22.48	AV	360.00	150	Vertical	Pass
3	4154.800	47.00	-3.58	74.0	-27.00	Peak	16.00	150	Vertical	Pass
3**	4154.800	36.56	-3.58	54.0	-17.44	AV	16.00	150	Vertical	Pass
4	5747.400	96.57	0.33	--	-156.43	Peak	253.00	150	Vertical	N/A
4**	5747.400	89.11	0.33	--	89.11	AV	253.00	150	Vertical	N/A
5	12261.537	50.34	20.37	74.0	-23.66	Peak	166.00	150	Vertical	Pass
5**	12261.537	39.47	20.37	54.0	-14.53	AV	166.00	150	Vertical	Pass
6	15921.526	55.65	23.67	74.0	-18.35	Peak	12.00	150	Vertical	Pass
6**	15921.526	43.87	23.67	54.0	-10.13	AV	12.00	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	1500.300	38.25	-15.20	74.0	-35.75	Peak	264.00	150	Horizontal	Pass
1**	1500.300	32.44	-15.20	54.0	-21.56	AV	264.00	150	Horizontal	Pass
2	2875.400	42.41	-8.31	74.0	-31.59	Peak	235.00	150	Horizontal	Pass
2**	2875.400	33.83	-8.31	54.0	-20.17	AV	235.00	150	Horizontal	Pass
3	4294.200	47.23	-3.85	74.0	-26.77	Peak	323.00	150	Horizontal	Pass
3**	4294.200	34.85	-3.85	54.0	-19.15	AV	323.00	150	Horizontal	Pass
4	5784.400	105.94	0.75	--	62.94	Peak	43.00	150	Horizontal	N/A
4**	5784.400	100.11	0.75	--	100.11	AV	43.00	150	Horizontal	N/A
5	12344.912	51.37	19.75	74.0	-22.63	Peak	43.00	150	Horizontal	Pass
5**	12344.912	39.41	19.75	54.0	-14.59	AV	43.00	150	Horizontal	Pass
6	16047.000	54.96	24.07	74.0	-19.04	Peak	105.00	150	Horizontal	Pass
6**	16047.000	42.83	24.07	54.0	-11.17	AV	105.00	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	1500.100	39.50	-15.20	74.0	-34.50	Peak	362.00	150	Vertical	Pass
1**	1500.100	34.68	-15.20	54.0	-19.32	AV	362.00	150	Vertical	Pass
2	2886.200	42.12	-8.67	74.0	-31.88	Peak	330.00	150	Vertical	Pass
2**	2886.200	32.47	-8.67	54.0	-21.53	AV	330.00	150	Vertical	Pass
3	4264.800	47.47	-3.21	74.0	-26.53	Peak	0.00	150	Vertical	Pass
3**	4264.800	36.74	-3.21	54.0	-17.26	AV	0.00	150	Vertical	Pass
4	5784.400	96.25	0.75	--	-142.75	Peak	239.00	150	Vertical	N/A
4**	5784.400	90.14	0.75	--	90.14	AV	239.00	150	Vertical	N/A
5	12163.500	50.15	20.08	74.0	-23.85	Peak	128.00	150	Vertical	Pass
5**	12163.500	38.96	20.08	54.0	-15.04	AV	128.00	150	Vertical	Pass
6	15942.787	55.28	23.92	74.0	-18.72	Peak	-2.00	150	Vertical	Pass
6**	15942.787	44.83	23.92	54.0	-9.17	AV	-2.00	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	1500.400	40.31	-15.19	74.0	-33.69	Peak	296.00	150	Horizontal	Pass
1**	1500.400	35.95	-15.19	54.0	-18.05	AV	296.00	150	Horizontal	Pass
2	2768.100	42.30	-8.82	74.0	-31.70	Peak	9.00	150	Horizontal	Pass
2**	2768.100	32.58	-8.82	54.0	-21.42	AV	9.00	150	Horizontal	Pass
3	4391.800	48.01	-3.55	74.0	-25.99	Peak	142.00	150	Horizontal	Pass
3**	4391.800	35.99	-3.55	54.0	-18.01	AV	142.00	150	Horizontal	Pass
4	5823.800	105.27	0.83	--	71.27	Peak	34.00	150	Horizontal	N/A
4**	5823.800	99.42	0.83	--	99.42	AV	34.00	150	Horizontal	N/A
5	12272.175	50.71	20.29	74.0	-23.29	Peak	205.00	150	Horizontal	Pass
5**	12272.175	39.34	20.29	54.0	-14.66	AV	205.00	150	Horizontal	Pass
6	15666.900	55.37	23.50	74.0	-18.63	Peak	25.00	150	Horizontal	Pass
6**	15666.900	43.65	23.50	54.0	-10.35	AV	25.00	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	1500.100	39.11	-15.20	74.0	-34.89	Peak	111.00	150	Vertical	Pass
1**	1500.100	33.86	-15.20	54.0	-20.14	AV	111.00	150	Vertical	Pass
2	2874.100	42.88	-8.20	74.0	-31.12	Peak	65.00	150	Vertical	Pass
2**	2874.100	32.26	-8.20	54.0	-21.74	AV	65.00	150	Vertical	Pass
3	4311.800	47.61	-3.52	74.0	-26.39	Peak	340.00	150	Vertical	Pass
3**	4311.800	35.10	-3.52	54.0	-18.90	AV	340.00	150	Vertical	Pass
4	5823.600	93.21	0.84	--	-189.79	Peak	283.00	150	Vertical	N/A
4**	5823.600	87.56	0.84	--	87.56	AV	283.00	150	Vertical	N/A
5	12370.500	50.10	19.51	74.0	-23.90	Peak	145.00	150	Vertical	Pass
5**	12370.500	39.05	19.51	54.0	-14.95	AV	145.00	150	Vertical	Pass
6	15478.425	55.46	23.64	74.0	-18.54	Peak	238.00	150	Vertical	Pass
6**	15478.425	43.34	23.64	54.0	-10.66	AV	238.00	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	1500.300	38.41	-15.20	74.0	-35.59	Peak	288.00	150	Horizontal	Pass
1**	1500.300	33.79	-15.20	54.0	-20.21	AV	288.00	150	Horizontal	Pass
2	2871.700	43.20	-8.13	74.0	-30.80	Peak	339.00	150	Horizontal	Pass
2**	2871.700	32.68	-8.13	54.0	-21.32	AV	339.00	150	Horizontal	Pass
3	4260.800	47.25	-3.39	74.0	-26.75	Peak	146.00	150	Horizontal	Pass
3**	4260.800	35.24	-3.39	54.0	-18.76	AV	146.00	150	Horizontal	Pass
4	5743.800	106.28	0.15	--	82.28	Peak	24.00	150	Horizontal	N/A
4**	5743.800	99.35	0.15	--	99.35	AV	24.00	150	Horizontal	N/A
5	12521.725	50.62	18.60	74.0	-23.38	Peak	187.00	150	Horizontal	Pass
5**	12521.725	38.23	18.60	54.0	-15.77	AV	187.00	150	Horizontal	Pass
6	15885.038	55.04	23.33	74.0	-18.96	Peak	195.00	150	Horizontal	Pass
6**	15885.038	43.85	23.33	54.0	-10.15	AV	195.00	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	1500.100	39.26	-15.20	74.0	-34.74	Peak	48.00	150	Vertical	Pass
1**	1500.100	34.44	-15.20	54.0	-19.56	AV	48.00	150	Vertical	Pass
2	2864.000	41.77	-7.79	74.0	-32.23	Peak	142.00	150	Vertical	Pass
2**	2864.000	33.04	-7.79	54.0	-20.96	AV	142.00	150	Vertical	Pass
3	4277.400	47.93	-3.43	74.0	-26.07	Peak	284.00	150	Vertical	Pass
3**	4277.400	35.97	-3.43	54.0	-18.03	AV	284.00	150	Vertical	Pass
4	5746.000	94.61	0.40	--	-149.39	Peak	244.00	150	Vertical	N/A
4**	5746.000	88.75	0.40	--	88.75	AV	244.00	150	Vertical	N/A
5	12265.562	50.62	20.34	74.0	-23.38	Peak	232.00	150	Vertical	Pass
5**	12265.562	39.46	20.34	54.0	-14.54	AV	232.00	150	Vertical	Pass
6	15902.363	56.03	23.31	74.0	-17.97	Peak	44.00	150	Vertical	Pass
6**	15902.363	43.31	23.31	54.0	-10.69	AV	44.00	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	1500.100	39.66	-15.20	74.0	-34.34	Peak	-1.00	150	Horizontal	Pass
1**	1500.100	34.15	-15.20	54.0	-19.85	AV	-1.00	150	Horizontal	Pass
2	2824.500	42.35	-8.51	74.0	-31.65	Peak	-1.00	150	Horizontal	Pass
2**	2824.500	31.26	-8.51	54.0	-22.74	AV	-1.00	150	Horizontal	Pass
3	3903.800	46.68	-5.01	74.0	-27.32	Peak	101.00	150	Horizontal	Pass
3**	3903.800	33.38	-5.01	54.0	-20.62	AV	101.00	150	Horizontal	Pass
4	5783.800	106.03	0.83	--	73.03	Peak	33.00	150	Horizontal	N/A
4**	5783.800	100.34	0.83	--	100.34	AV	33.00	150	Horizontal	N/A
5	12273.037	50.79	20.28	74.0	-23.21	Peak	0.00	150	Horizontal	Pass
5**	12273.037	38.87	20.28	54.0	-15.13	AV	0.00	150	Horizontal	Pass
6	15657.450	55.54	23.47	74.0	-18.46	Peak	288.00	150	Horizontal	Pass
6**	15657.450	43.26	23.47	54.0	-10.74	AV	288.00	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	1500.200	39.11	-15.20	74.0	-34.89	Peak	133.00	150	Vertical	Pass
1**	1500.200	34.20	-15.20	54.0	-19.80	AV	133.00	150	Vertical	Pass
2	2872.200	41.67	-8.13	74.0	-32.33	Peak	82.00	150	Vertical	Pass
2**	2872.200	32.18	-8.13	54.0	-21.82	AV	82.00	150	Vertical	Pass
3	4718.000	48.98	-2.42	74.0	-25.02	Peak	221.00	150	Vertical	Pass
3**	4718.000	38.79	-2.42	54.0	-15.21	AV	221.00	150	Vertical	Pass
4	5783.200	95.34	0.91	--	-190.66	Peak	286.00	150	Vertical	N/A
4**	5783.200	89.68	0.91	--	89.68	AV	286.00	150	Vertical	N/A
5	8067.775	49.88	18.39	74.0	-24.12	Peak	135.00	150	Vertical	Pass
5**	8067.775	37.12	18.39	54.0	-16.88	AV	135.00	150	Vertical	Pass
6	15939.637	55.01	23.90	74.0	-18.99	Peak	305.00	150	Vertical	Pass
6**	15939.637	43.87	23.90	54.0	-10.13	AV	305.00	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	1500.300	39.95	-15.20	74.0	-34.05	Peak	301.00	150	Horizontal	Pass
1**	1500.300	35.05	-15.20	54.0	-18.95	AV	301.00	150	Horizontal	Pass
2	2818.900	41.74	-8.58	74.0	-32.26	Peak	0.00	150	Horizontal	Pass
2**	2818.900	32.51	-8.58	54.0	-21.49	AV	0.00	150	Horizontal	Pass
3	4249.800	47.64	-3.18	74.0	-26.36	Peak	0.00	150	Horizontal	Pass
3**	4249.800	35.75	-3.18	54.0	-18.25	AV	0.00	150	Horizontal	Pass
4	5823.600	104.50	0.84	--	73.50	Peak	31.00	150	Horizontal	N/A
4**	5823.600	98.04	0.84	--	98.04	AV	31.00	150	Horizontal	N/A
5	12368.201	50.17	19.54	74.0	-23.83	Peak	308.00	150	Horizontal	Pass
5**	12368.201	39.35	19.54	54.0	-14.65	AV	308.00	150	Horizontal	Pass
6	16107.900	55.22	24.13	74.0	-18.78	Peak	104.00	150	Horizontal	Pass
6**	16107.900	42.62	24.13	54.0	-11.38	AV	104.00	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	1499.800	40.47	-15.19	74.0	-33.53	Peak	362.00	150	Vertical	Pass
1**	1499.800	32.38	-15.19	54.0	-21.62	AV	362.00	150	Vertical	Pass
2	2843.100	41.76	-8.13	74.0	-32.24	Peak	350.00	150	Vertical	Pass
2**	2843.100	32.80	-8.13	54.0	-21.20	AV	350.00	150	Vertical	Pass
3	4254.000	48.03	-3.09	74.0	-25.97	Peak	189.00	150	Vertical	Pass
3**	4254.000	35.02	-3.09	54.0	-18.98	AV	189.00	150	Vertical	Pass
4	5822.200	93.76	0.89	--	-194.24	Peak	288.00	150	Vertical	N/A
4**	5822.200	86.13	0.89	--	86.13	AV	288.00	150	Vertical	N/A
5	12396.662	50.55	19.23	74.0	-23.45	Peak	86.00	150	Vertical	Pass
5**	12396.662	38.37	19.23	54.0	-15.63	AV	86.00	150	Vertical	Pass
6	15478.425	55.20	23.64	74.0	-18.80	Peak	138.00	150	Vertical	Pass
6**	15478.425	43.07	23.64	54.0	-10.93	AV	138.00	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	1499.400	38.71	-15.18	74.0	-35.29	Peak	59.00	150	Horizontal	Pass
1**	1499.400	30.32	-15.18	54.0	-23.68	AV	59.00	150	Horizontal	Pass
2	2741.800	41.93	-9.02	74.0	-32.07	Peak	289.00	150	Horizontal	Pass
2**	2741.800	31.02	-9.02	54.0	-22.98	AV	289.00	150	Horizontal	Pass
3	4853.000	49.80	-1.38	74.0	-24.20	Peak	0.00	150	Horizontal	Pass
3**	4853.000	38.02	-1.38	54.0	-15.98	AV	0.00	150	Horizontal	Pass
4	5753.600	101.11	0.48	--	69.11	Peak	32.00	150	Horizontal	N/A
4**	5753.600	94.20	0.48	--	94.20	AV	32.00	150	Horizontal	N/A
5	12269.875	50.42	20.31	74.0	-23.58	Peak	360.00	150	Horizontal	Pass
5**	12269.875	38.79	20.31	54.0	-15.21	AV	360.00	150	Horizontal	Pass
6	15923.888	55.39	23.70	74.0	-18.61	Peak	321.00	150	Horizontal	Pass
6**	15923.888	43.75	23.70	54.0	-10.25	AV	321.00	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	1500.100	38.76	-15.20	74.0	-35.24	Peak	264.00	150	Vertical	Pass
1**	1500.100	32.56	-15.20	54.0	-21.44	AV	264.00	150	Vertical	Pass
2	2829.100	41.75	-8.58	74.0	-32.25	Peak	87.00	150	Vertical	Pass
2**	2829.100	32.81	-8.58	54.0	-21.19	AV	87.00	150	Vertical	Pass
3	4028.000	46.60	-3.91	74.0	-27.40	Peak	16.00	150	Vertical	Pass
3**	4028.000	35.82	-3.91	54.0	-18.18	AV	16.00	150	Vertical	Pass
4	5747.800	90.28	0.30	--	-144.72	Peak	235.00	150	Vertical	N/A
4**	5747.800	84.36	0.30	--	84.36	AV	235.00	150	Vertical	N/A
5	11672.162	50.38	20.15	74.0	-23.62	Peak	297.00	150	Vertical	Pass
5**	11672.162	38.39	20.15	54.0	-15.61	AV	297.00	150	Vertical	Pass
6	15924.412	55.34	23.70	74.0	-18.66	Peak	-2.00	150	Vertical	Pass
6**	15924.412	44.08	23.70	54.0	-9.92	AV	-2.00	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	1500.300	38.49	-15.20	74.0	-35.51	Peak	14.00	150	Horizontal	Pass
1**	1500.300	32.86	-15.20	54.0	-21.14	AV	14.00	150	Horizontal	Pass
2	2877.100	42.42	-8.35	74.0	-31.58	Peak	299.00	150	Horizontal	Pass
2**	2877.100	32.37	-8.35	54.0	-21.63	AV	299.00	150	Horizontal	Pass
3	4125.200	47.13	-3.97	74.0	-26.87	Peak	194.00	150	Horizontal	Pass
3**	4125.200	35.61	-3.97	54.0	-18.39	AV	194.00	150	Horizontal	Pass
4	5793.200	101.58	1.03	--	64.58	Peak	37.00	150	Horizontal	N/A
4**	5793.200	95.14	1.03	--	95.14	AV	37.00	150	Horizontal	N/A
5	11791.188	50.46	18.62	74.0	-23.54	Peak	360.00	150	Horizontal	Pass
5**	11791.188	38.54	18.62	54.0	-15.46	AV	360.00	150	Horizontal	Pass
6	15690.263	55.95	23.58	74.0	-18.05	Peak	190.00	150	Horizontal	Pass
6**	15690.263	43.05	23.58	54.0	-10.95	AV	190.00	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	1500.000	39.43	-15.19	74.0	-34.57	Peak	260.00	150	Vertical	Pass
1**	1500.000	34.17	-15.19	54.0	-19.83	AV	260.00	150	Vertical	Pass
2	2813.700	41.69	-8.50	74.0	-32.31	Peak	122.00	150	Vertical	Pass
2**	2813.700	32.66	-8.50	54.0	-21.34	AV	122.00	150	Vertical	Pass
3	4151.400	46.73	-3.48	74.0	-27.27	Peak	284.00	150	Vertical	Pass
3**	4151.400	37.07	-3.48	54.0	-16.93	AV	284.00	150	Vertical	Pass
4	5793.000	91.55	1.06	--	-145.45	Peak	237.00	150	Vertical	N/A
4**	5793.000	85.24	1.06	--	85.24	AV	237.00	150	Vertical	N/A
5	11777.963	50.48	18.72	74.0	-23.52	Peak	360.00	150	Vertical	Pass
5**	11777.963	38.06	18.72	54.0	-15.94	AV	360.00	150	Vertical	Pass
6	15943.838	55.71	23.92	74.0	-18.29	Peak	188.00	150	Vertical	Pass
6**	15943.838	43.51	23.92	54.0	-10.49	AV	188.00	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	1500.000	39.23	-15.19	74.0	-34.77	Peak	31.00	150	Horizontal	Pass
1**	1500.000	33.05	-15.19	54.0	-20.95	AV	31.00	150	Horizontal	Pass
2	2839.200	42.49	-8.36	74.0	-31.51	Peak	122.00	150	Horizontal	Pass
2**	2839.200	31.47	-8.36	54.0	-22.53	AV	122.00	150	Horizontal	Pass
3	4584.200	49.37	-2.39	74.0	-24.63	Peak	160.00	150	Horizontal	Pass
3**	4584.200	37.03	-2.39	54.0	-16.97	AV	160.00	150	Horizontal	Pass
4	5743.400	104.73	0.12	--	76.73	Peak	28.00	150	Horizontal	N/A
4**	5743.400	98.86	0.12	--	98.86	AV	28.00	150	Horizontal	N/A
5	12274.475	51.03	20.27	74.0	-22.97	Peak	218.00	150	Horizontal	Pass
5**	12274.475	39.71	20.27	54.0	-14.29	AV	218.00	150	Horizontal	Pass
6	15729.375	55.35	23.47	74.0	-18.65	Peak	-2.00	150	Horizontal	Pass
6**	15729.375	43.53	23.47	54.0	-10.47	AV	-2.00	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	1500.300	39.38	-15.20	74.0	-34.62	Peak	55.00	150	Vertical	Pass
1**	1500.300	34.14	-15.20	54.0	-19.86	AV	55.00	150	Vertical	Pass
2	2882.600	42.83	-8.54	74.0	-31.17	Peak	362.00	150	Vertical	Pass
2**	2882.600	32.53	-8.54	54.0	-21.47	AV	362.00	150	Vertical	Pass
3	4746.600	50.52	-1.85	74.0	-23.48	Peak	257.00	150	Vertical	Pass
3**	4746.600	37.75	-1.85	54.0	-16.25	AV	257.00	150	Vertical	Pass
4	5745.800	94.49	0.38	--	-149.51	Peak	244.00	150	Vertical	N/A
4**	5745.800	88.31	0.38	--	88.31	AV	244.00	150	Vertical	N/A
5	12340.025	50.37	19.78	74.0	-23.63	Peak	81.00	150	Vertical	Pass
5**	12340.025	39.03	19.78	54.0	-14.97	AV	81.00	150	Vertical	Pass
6	15737.775	54.93	23.48	74.0	-19.07	Peak	32.00	150	Vertical	Pass
6**	15737.775	43.38	23.48	54.0	-10.62	AV	32.00	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	1500.200	37.93	-15.20	74.0	-36.07	Peak	106.00	150	Horizontal	Pass
1**	1500.200	32.30	-15.20	54.0	-21.70	AV	106.00	150	Horizontal	Pass
2	2781.700	41.86	-8.76	74.0	-32.14	Peak	271.00	150	Horizontal	Pass
2**	2781.700	32.06	-8.76	54.0	-21.94	AV	271.00	150	Horizontal	Pass
3	4734.600	49.20	-2.00	74.0	-24.80	Peak	196.00	150	Horizontal	Pass
3**	4734.600	36.93	-2.00	54.0	-17.07	AV	196.00	150	Horizontal	Pass
4	5783.400	105.71	0.88	--	77.71	Peak	28.00	150	Horizontal	N/A
4**	5783.400	99.82	0.88	--	99.82	AV	28.00	150	Horizontal	N/A
5	12364.463	50.20	19.58	74.0	-23.80	Peak	213.00	150	Horizontal	Pass
5**	12364.463	38.49	19.58	54.0	-15.51	AV	213.00	150	Horizontal	Pass
6	15841.988	55.40	23.46	74.0	-18.60	Peak	4.00	150	Horizontal	Pass
6**	15841.988	42.63	23.46	54.0	-11.37	AV	4.00	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	1500.300	39.11	-15.20	74.0	-34.89	Peak	32.00	150	Vertical	Pass
1**	1500.300	34.20	-15.20	54.0	-19.80	AV	32.00	150	Vertical	Pass
2	2776.200	41.26	-8.61	74.0	-32.74	Peak	273.00	150	Vertical	Pass
2**	2776.200	32.78	-8.61	54.0	-21.22	AV	273.00	150	Vertical	Pass
3	4065.200	46.81	-3.89	74.0	-27.19	Peak	337.00	150	Vertical	Pass
3**	4065.200	35.02	-3.89	54.0	-18.98	AV	337.00	150	Vertical	Pass
4	5784.200	94.98	0.77	--	-144.02	Peak	239.00	150	Vertical	N/A
4**	5784.200	89.35	0.77	--	89.35	AV	239.00	150	Vertical	N/A
5	11681.651	50.39	20.05	74.0	-23.61	Peak	26.00	150	Vertical	Pass
5**	11681.651	38.12	20.05	54.0	-15.88	AV	26.00	150	Vertical	Pass
6	15595.763	55.98	23.56	74.0	-18.02	Peak	147.00	150	Vertical	Pass
6**	15595.763	43.67	23.56	54.0	-10.33	AV	147.00	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	1499.900	40.43	-15.19	74.0	-33.57	Peak	136.00	150	Horizontal	Pass
1**	1499.900	32.89	-15.19	54.0	-21.11	AV	136.00	150	Horizontal	Pass
2	2848.000	41.78	-7.84	74.0	-32.22	Peak	55.00	150	Horizontal	Pass
2**	2848.000	32.16	-7.84	54.0	-21.84	AV	55.00	150	Horizontal	Pass
3	4151.000	47.09	-3.46	74.0	-26.91	Peak	207.00	150	Horizontal	Pass
3**	4151.000	36.41	-3.46	54.0	-17.59	AV	207.00	150	Horizontal	Pass
4	5823.000	104.36	0.86	--	68.36	Peak	36.00	150	Horizontal	N/A
4**	5823.000	97.80	0.86	--	97.80	AV	36.00	150	Horizontal	N/A
5	10991.651	49.89	18.94	74.0	-24.11	Peak	357.00	150	Horizontal	Pass
5**	10991.651	37.26	18.94	54.0	-16.74	AV	357.00	150	Horizontal	Pass
6	15929.662	55.91	23.77	74.0	-18.09	Peak	41.00	150	Horizontal	Pass
6**	15929.662	44.97	23.77	54.0	-9.03	AV	41.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	38.78	-15.20	74.0	-35.22	Peak	86.00	150	Vertical	Pass
1**	1500.200	32.60	-15.20	54.0	-21.40	AV	86.00	150	Vertical	Pass
2	2738.900	42.26	-8.99	74.0	-31.74	Peak	314.00	150	Vertical	Pass
2**	2738.900	33.00	-8.99	54.0	-21.00	AV	314.00	150	Vertical	Pass
3	4343.200	48.33	-3.18	74.0	-25.67	Peak	132.00	150	Vertical	Pass
3**	4343.200	36.33	-3.18	54.0	-17.67	AV	132.00	150	Vertical	Pass
4	5823.800	93.46	0.83	--	-155.54	Peak	249.00	150	Vertical	N/A
4**	5823.800	87.43	0.83	--	87.43	AV	249.00	150	Vertical	N/A
5	11761.863	50.21	18.83	74.0	-23.79	Peak	188.00	150	Vertical	Pass
5**	11761.863	40.04	18.83	54.0	-13.96	AV	188.00	150	Vertical	Pass
6	15904.463	54.82	23.35	74.0	-19.18	Peak	-2.00	150	Vertical	Pass
6**	15904.463	43.09	23.35	54.0	-10.91	AV	-2.00	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	1500.000	38.85	-15.19	74.0	-35.15	Peak	40.00	150	Horizontal	Pass
1**	1500.000	31.92	-15.19	54.0	-22.08	AV	40.00	150	Horizontal	Pass
2	2807.700	41.27	-8.75	74.0	-32.73	Peak	17.00	150	Horizontal	Pass
2**	2807.700	31.74	-8.75	54.0	-22.26	AV	17.00	150	Horizontal	Pass
3	4296.800	47.19	-3.59	74.0	-26.81	Peak	221.00	150	Horizontal	Pass
3**	4296.800	36.78	-3.59	54.0	-17.22	AV	221.00	150	Horizontal	Pass
4	5752.600	101.43	0.51	--	90.43	Peak	11.00	150	Horizontal	N/A
4**	5752.600	95.18	0.51	--	95.18	AV	11.00	150	Horizontal	N/A
5	12061.438	50.27	19.04	74.0	-23.73	Peak	276.00	150	Horizontal	Pass
5**	12061.438	37.95	19.04	54.0	-16.05	AV	276.00	150	Horizontal	Pass
6	15622.013	55.47	23.46	74.0	-18.53	Peak	237.00	150	Horizontal	Pass
6**	15622.013	43.64	23.46	54.0	-10.36	AV	237.00	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	1500.200	39.47	-15.20	74.0	-34.53	Peak	0.00	150	Vertical	Pass
1**	1500.200	34.43	-15.20	54.0	-19.57	AV	0.00	150	Vertical	Pass
2	2840.900	41.71	-8.18	74.0	-32.29	Peak	337.00	150	Vertical	Pass
2**	2840.900	31.89	-8.18	54.0	-22.11	AV	337.00	150	Vertical	Pass
3	4174.400	46.83	-3.94	74.0	-27.17	Peak	334.00	150	Vertical	Pass
3**	4174.400	36.64	-3.94	54.0	-17.36	AV	334.00	150	Vertical	Pass
4	5748.600	91.08	0.28	--	-151.92	Peak	243.00	150	Vertical	N/A
4**	5748.600	82.75	0.28	--	82.75	AV	243.00	150	Vertical	N/A
5	12150.850	50.50	19.93	74.0	-23.50	Peak	324.00	150	Vertical	Pass
5**	12150.850	38.89	19.93	54.0	-15.11	AV	324.00	150	Vertical	Pass
6	15950.662	54.94	23.95	74.0	-19.06	Peak	39.00	150	Vertical	Pass
6**	15950.662	44.03	23.95	54.0	-9.97	AV	39.00	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	1500.000	39.99	-15.19	74.0	-34.01	Peak	136.00	150	Horizontal	Pass
1**	1500.000	33.91	-15.19	54.0	-20.09	AV	136.00	150	Horizontal	Pass
2	2798.200	41.80	-8.91	74.0	-32.20	Peak	295.00	150	Horizontal	Pass
2**	2798.200	31.05	-8.91	54.0	-22.95	AV	295.00	150	Horizontal	Pass
3	3926.600	47.52	-4.65	74.0	-26.48	Peak	319.00	150	Horizontal	Pass
3**	3926.600	35.06	-4.65	54.0	-18.94	AV	319.00	150	Horizontal	Pass
4	5792.000	102.33	1.01	--	71.33	Peak	31.00	150	Horizontal	N/A
4**	5792.000	95.20	1.01	--	95.20	AV	31.00	150	Horizontal	N/A
5	12278.787	50.83	20.24	74.0	-23.17	Peak	217.00	150	Horizontal	Pass
5**	12278.787	38.74	20.24	54.0	-15.26	AV	217.00	150	Horizontal	Pass
6	15606.525	55.30	23.52	74.0	-18.70	Peak	63.00	150	Horizontal	Pass
6**	15606.525	44.10	23.52	54.0	-9.90	AV	63.00	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	1499.900	39.53	-15.19	74.0	-34.47	Peak	18.00	150	Vertical	Pass
1**	1499.900	33.40	-15.19	54.0	-20.60	AV	18.00	150	Vertical	Pass
2	2872.200	42.16	-8.13	74.0	-31.84	Peak	41.00	150	Vertical	Pass
2**	2872.200	31.89	-8.13	54.0	-22.11	AV	41.00	150	Vertical	Pass
3	4253.400	47.57	-3.13	74.0	-26.43	Peak	151.00	150	Vertical	Pass
3**	4253.400	35.91	-3.13	54.0	-18.09	AV	151.00	150	Vertical	Pass
4	5791.400	91.17	0.96	--	-147.83	Peak	239.00	150	Vertical	N/A
4**	5791.400	84.32	0.96	--	84.32	AV	239.00	150	Vertical	N/A
5	12156.026	50.59	19.99	74.0	-23.41	Peak	226.00	150	Vertical	Pass
5**	12156.026	38.62	19.99	54.0	-15.38	AV	226.00	150	Vertical	Pass
6	15507.826	55.43	23.89	74.0	-18.57	Peak	124.00	150	Vertical	Pass
6**	15507.826	43.96	23.89	54.0	-10.04	AV	124.00	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	1500.000	38.97	-15.19	74.0	-35.03	Peak	233.00	150	Horizontal	Pass
1**	1500.000	32.69	-15.19	54.0	-21.31	AV	233.00	150	Horizontal	Pass
2	2805.000	41.74	-8.82	74.0	-32.26	Peak	59.00	150	Horizontal	Pass
2**	2805.000	31.94	-8.82	54.0	-22.06	AV	59.00	150	Horizontal	Pass
3	4254.400	47.06	-3.06	74.0	-26.94	Peak	125.00	150	Horizontal	Pass
3**	4254.400	36.35	-3.06	54.0	-17.65	AV	125.00	150	Horizontal	Pass
4	5788.000	100.00	0.95	--	75.00	Peak	25.00	150	Horizontal	N/A
4**	5788.000	92.49	0.95	--	92.49	AV	25.00	150	Horizontal	N/A
5	12279.650	50.69	20.23	74.0	-23.31	Peak	342.00	150	Horizontal	Pass
5**	12279.650	39.32	20.23	54.0	-14.68	AV	342.00	150	Horizontal	Pass
6	15742.238	55.88	23.46	74.0	-18.12	Peak	311.00	150	Horizontal	Pass
6**	15742.238	43.31	23.46	54.0	-10.69	AV	311.00	150	Horizontal	Pass

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

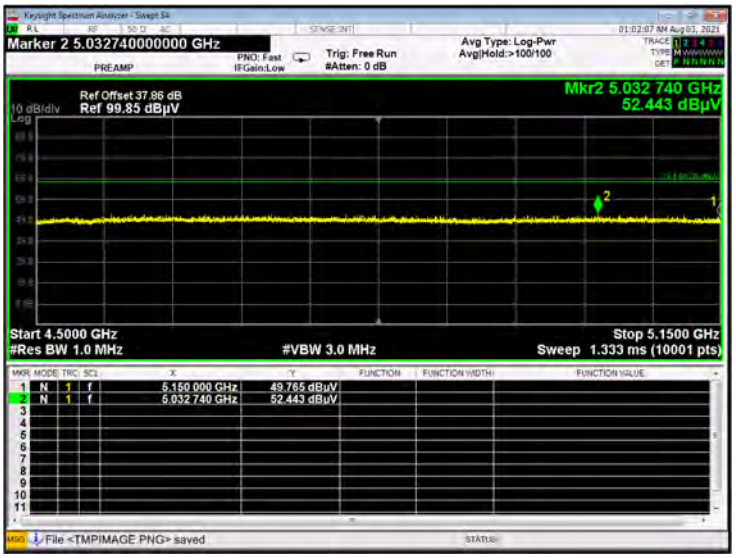
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	39.81	-15.20	74.0	-34.19	Peak	60.00	150	Vertical	Pass
1**	1500.100	34.83	-15.20	54.0	-19.17	AV	60.00	150	Vertical	Pass
2	2822.600	42.11	-8.54	74.0	-31.89	Peak	253.00	150	Vertical	Pass
2**	2822.600	31.91	-8.54	54.0	-22.09	AV	253.00	150	Vertical	Pass
3	4284.600	47.06	-3.80	74.0	-26.94	Peak	105.00	150	Vertical	Pass
3**	4284.600	37.07	-3.80	54.0	-16.93	AV	105.00	150	Vertical	Pass
4	5773.000	89.03	0.93	--	-194.97	Peak	284.00	150	Vertical	N/A
4**	5773.000	82.44	0.93	--	82.44	AV	284.00	150	Vertical	N/A
5	12147.112	50.14	19.90	74.0	-23.86	Peak	146.00	150	Vertical	Pass
5**	12147.112	37.92	19.90	54.0	-16.08	AV	146.00	150	Vertical	Pass
6	15546.937	55.22	23.64	74.0	-18.78	Peak	-2.00	150	Vertical	Pass
6**	15546.937	42.99	23.64	54.0	-11.01	AV	-2.00	150	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

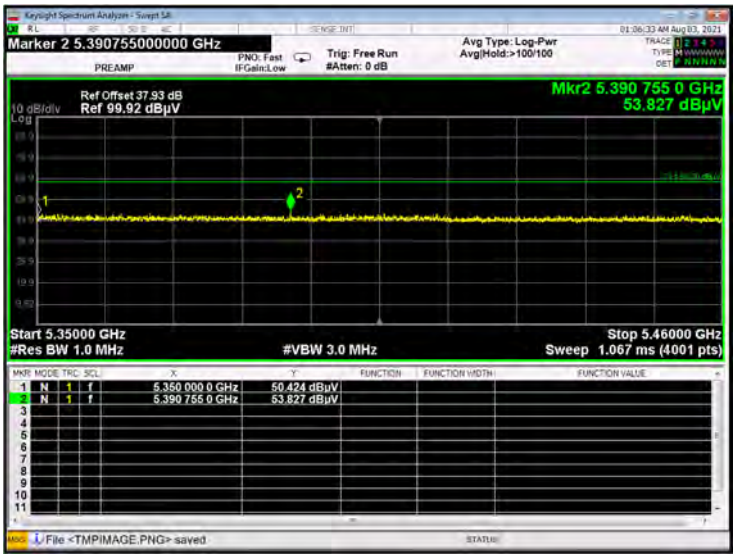
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low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

Test Plots

U-NII-1 11a CH36 Peak



U-NII-1 11a CH48 Peak



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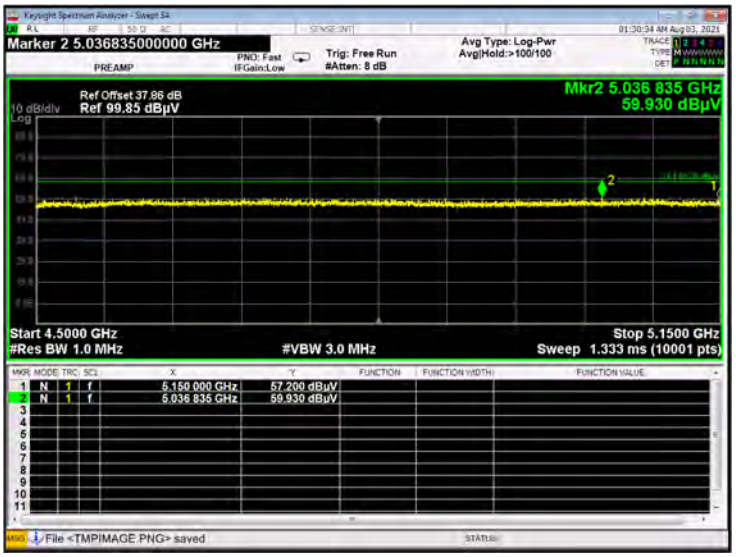

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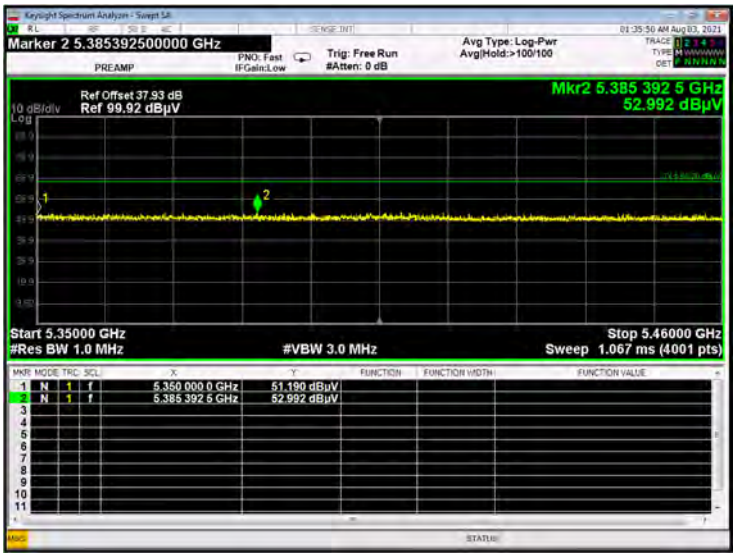

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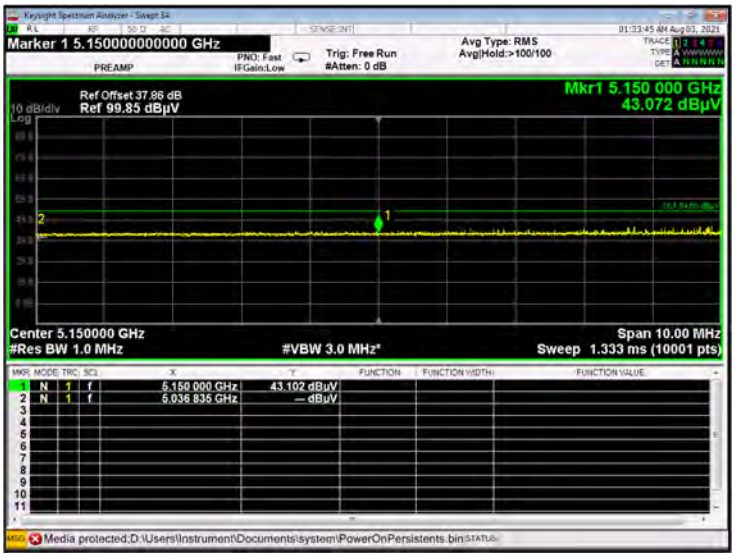

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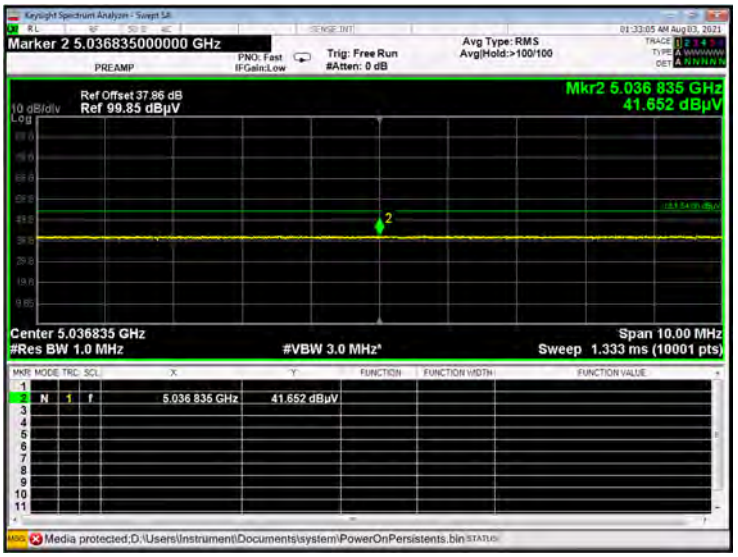
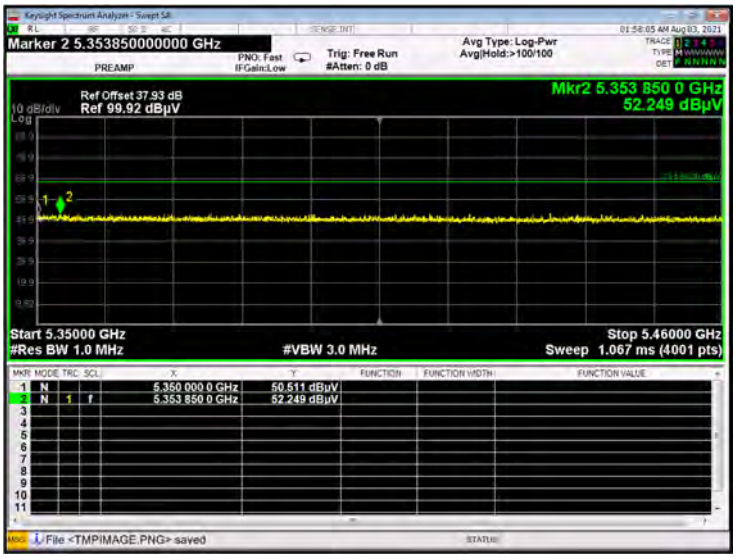


U-NII-1 11n40 CH38 Peak

U-NII-1 11n40 CH46 Peak



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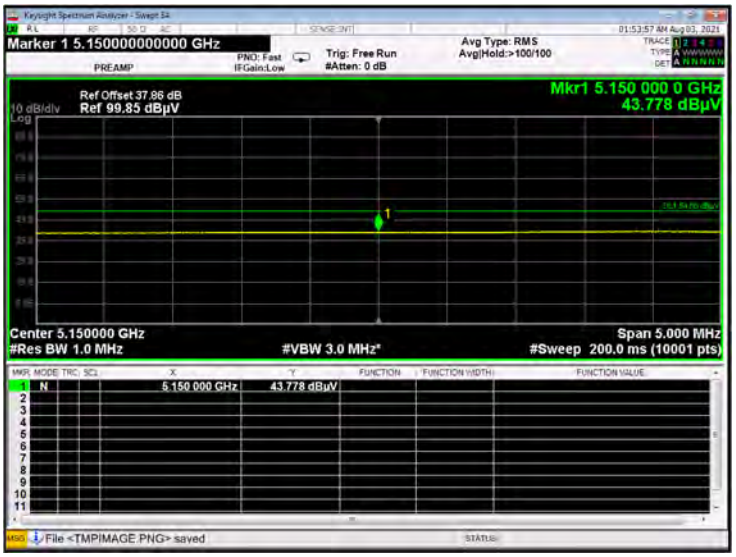

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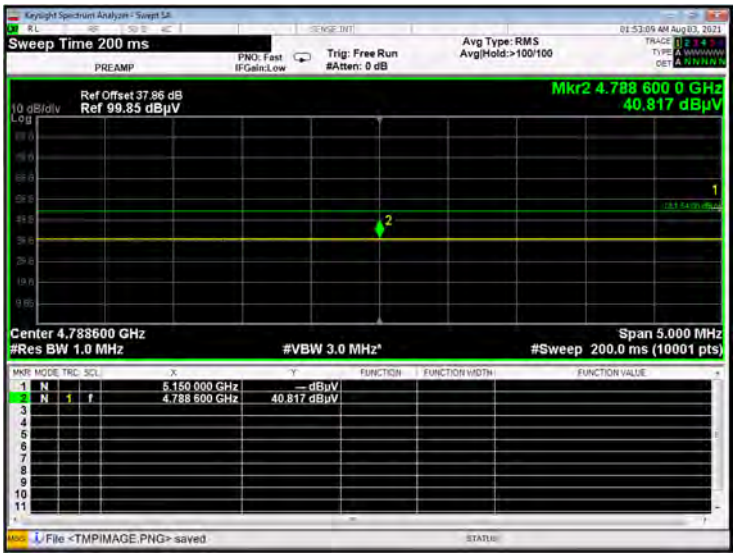

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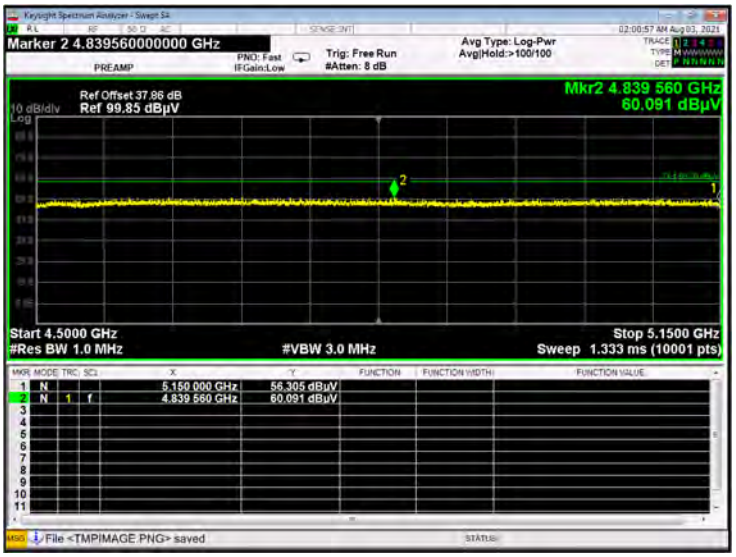

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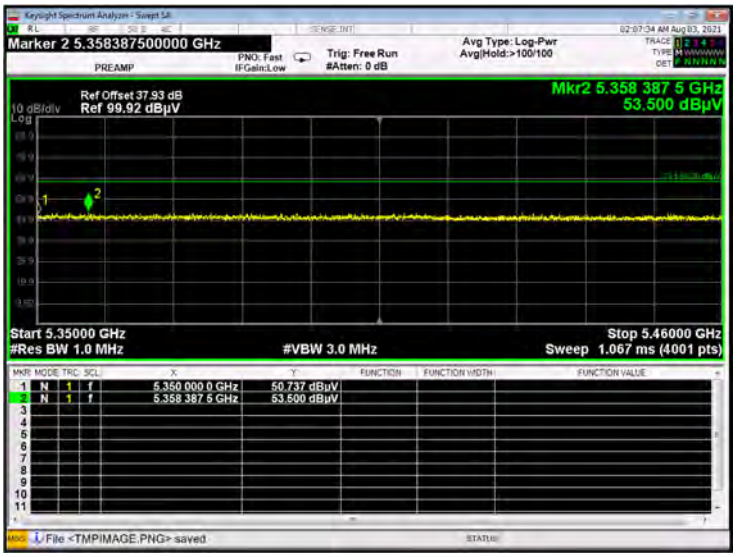

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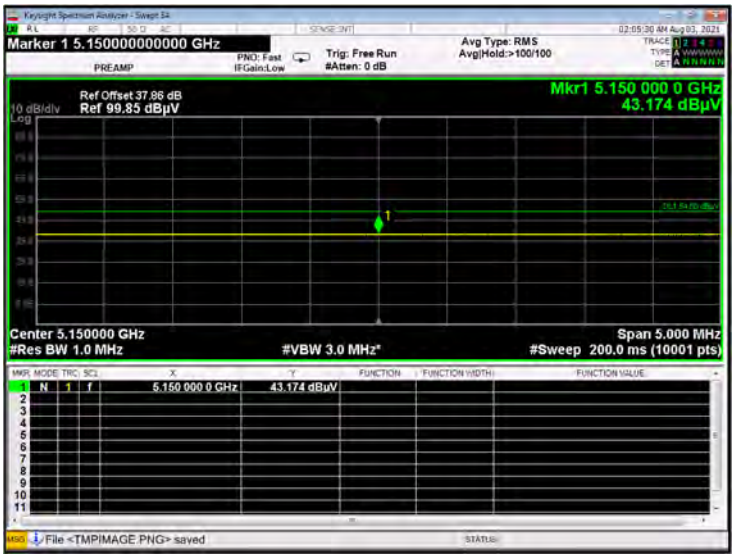

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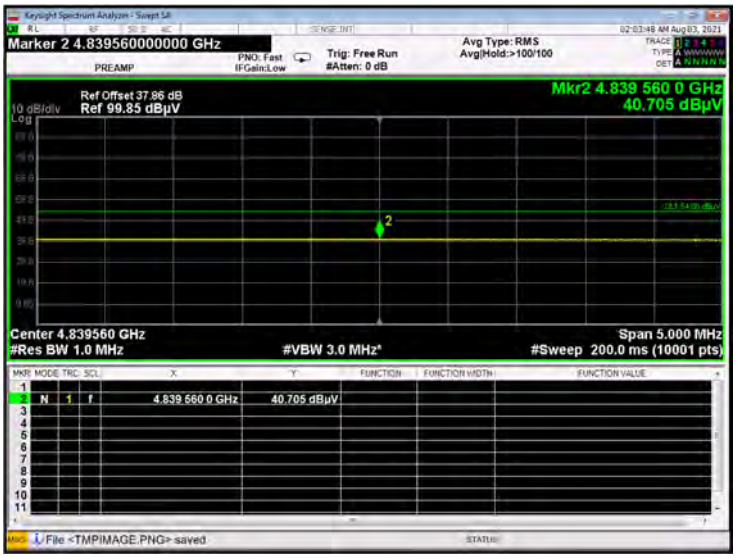
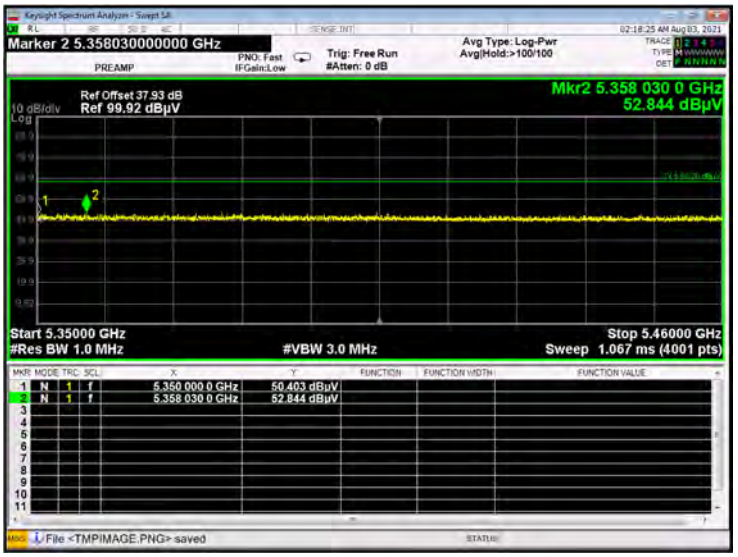


U-NII-1 11ac40 CH38 Peak

U-NII-1 11ac40 CH46 Peak



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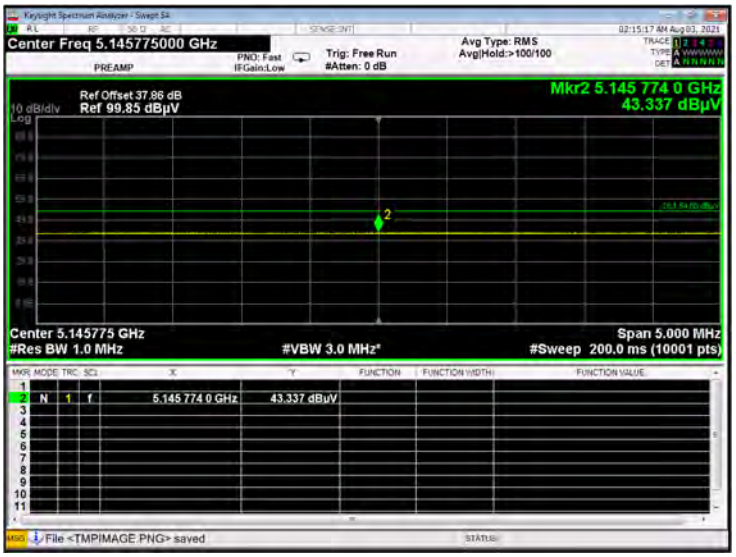
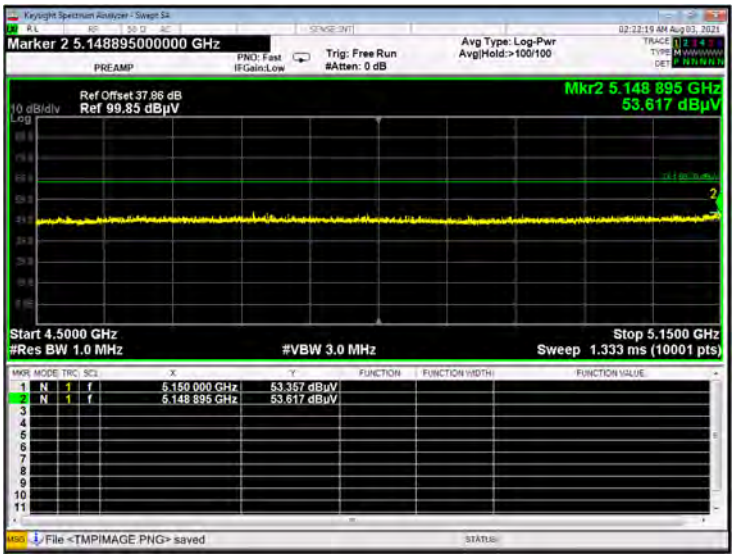
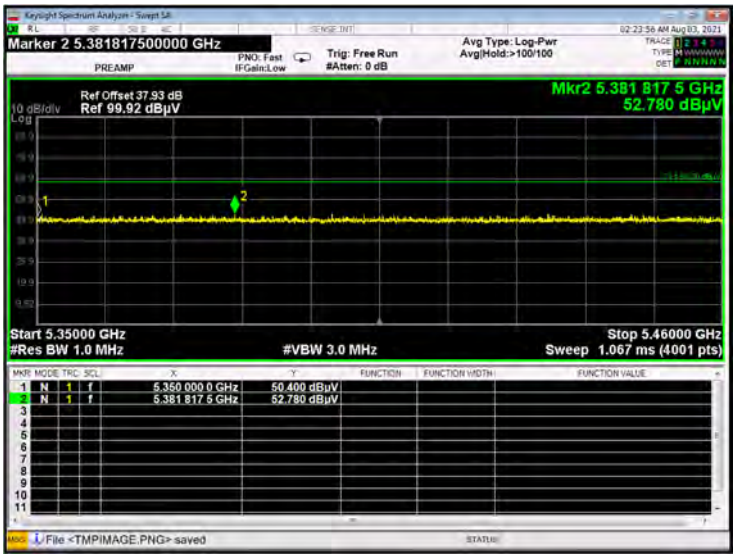


U-NII-1 11ac80 CH42 Peak

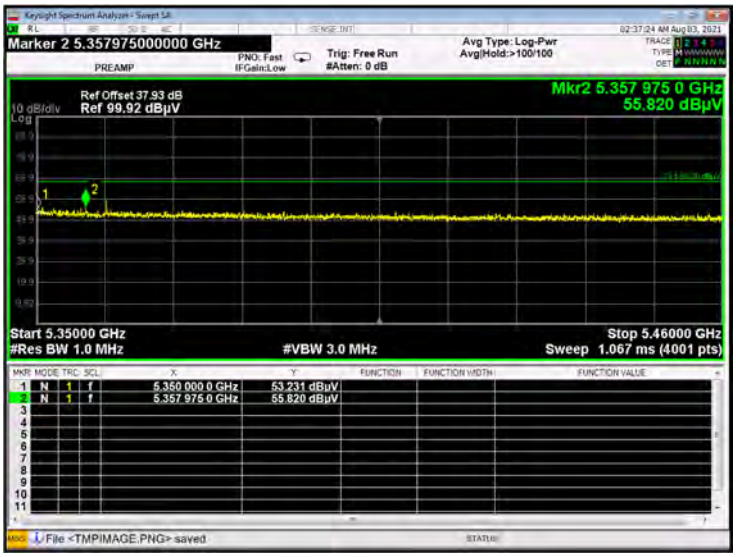


U-NII-1 11ac80 CH42 Peak



U-NII-2A 11a CH52 Peak

U-NII-2A 11a CH64 Peak



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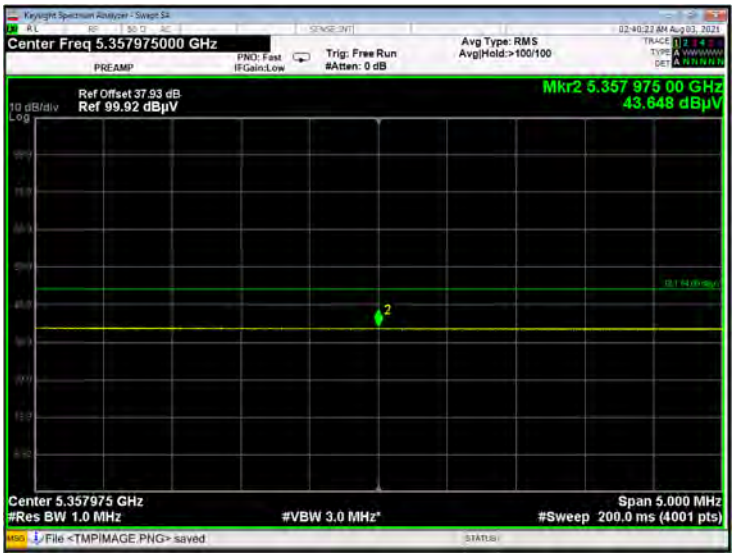

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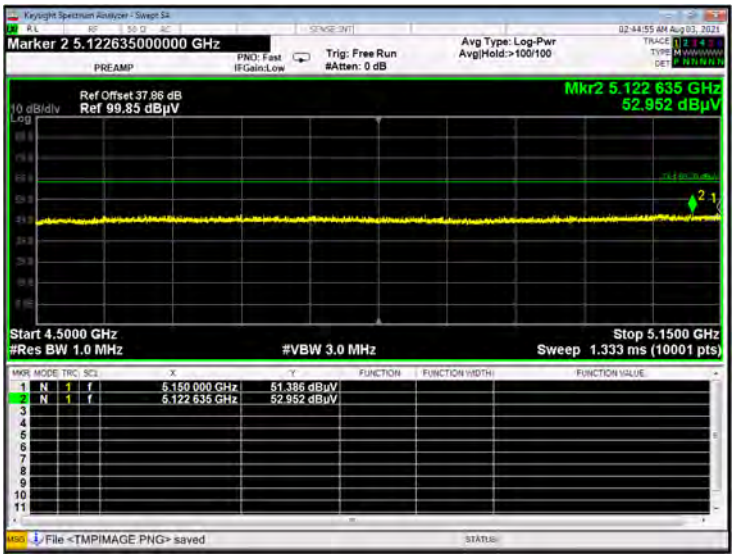

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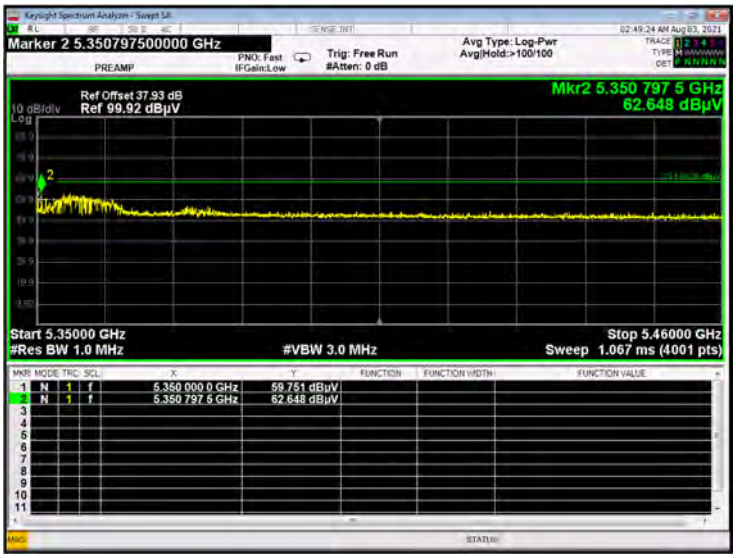
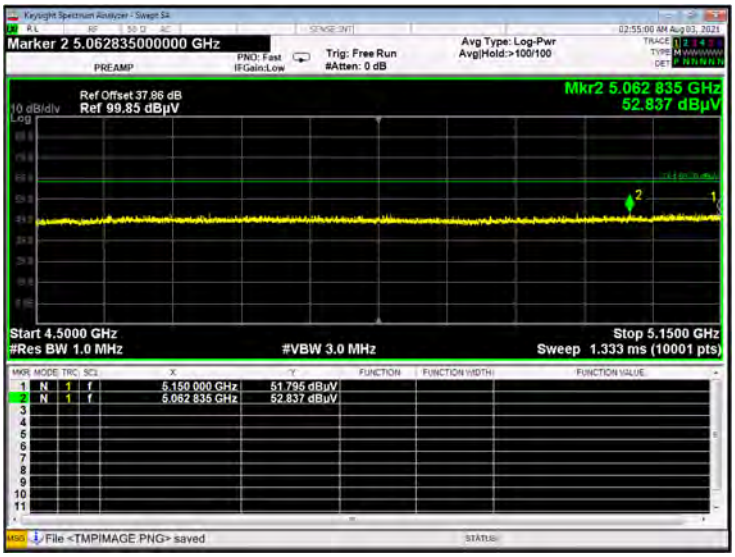


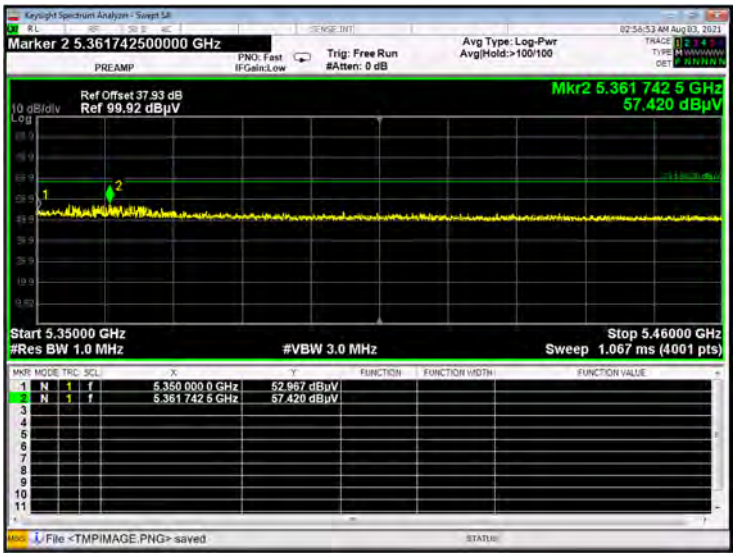
U-NII-2A 11n20 CH64 AV

U-NII-2A 11n20 CH64 AV

U-NII-2A 11n40 CH54 Peak



U-NII-2A 11n40 CH62 Peak



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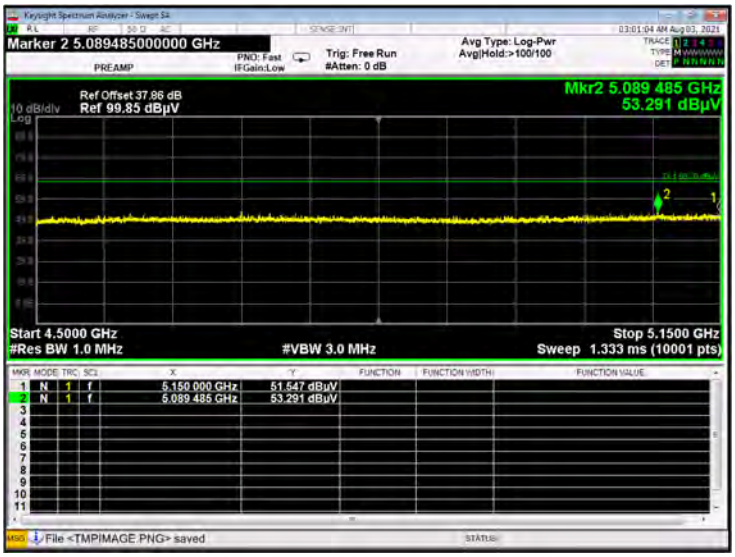

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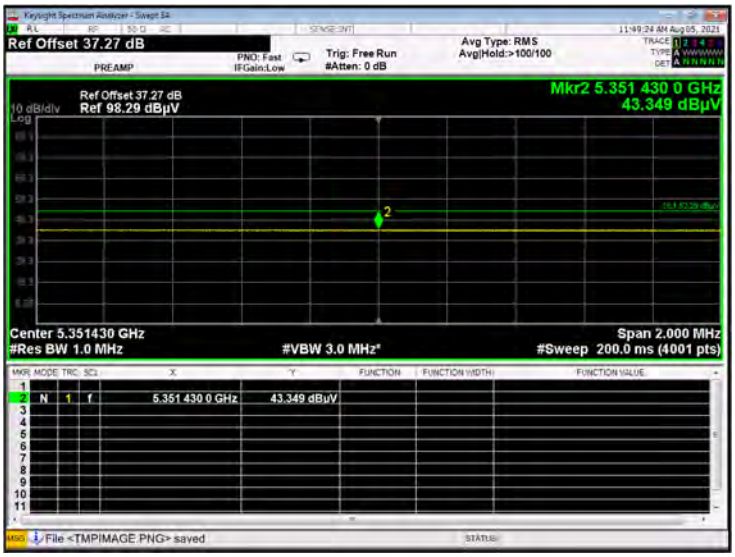

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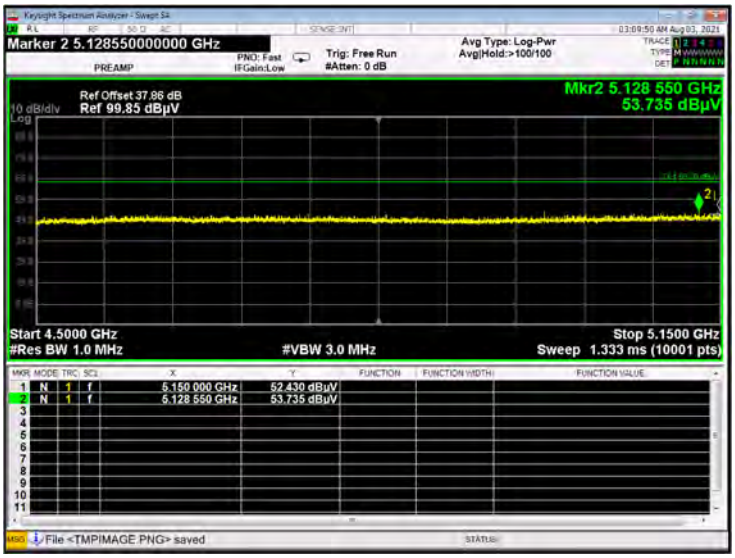
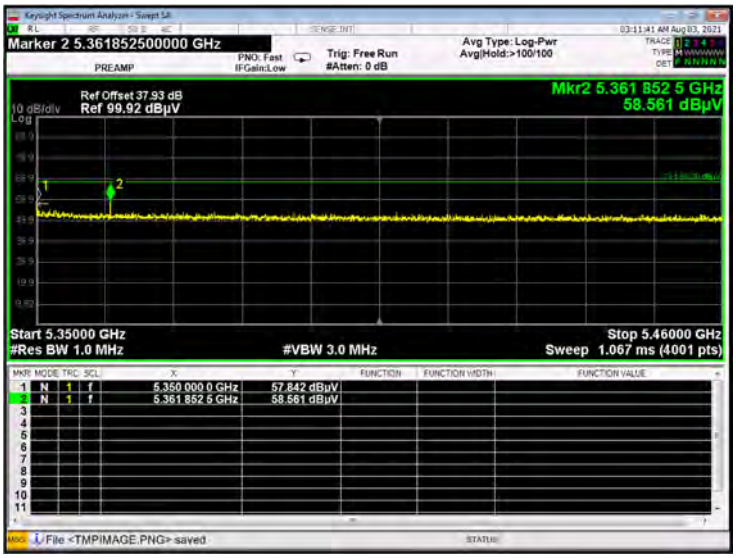
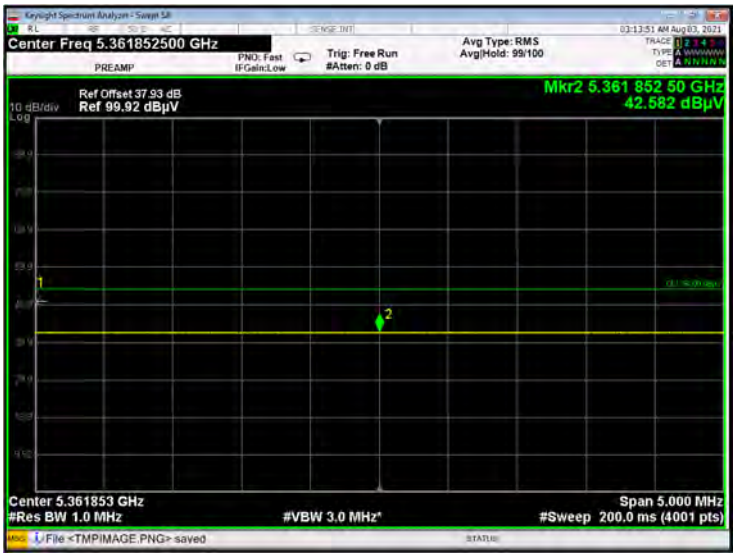


U-NII-2A 11ac40 CH62 Peak

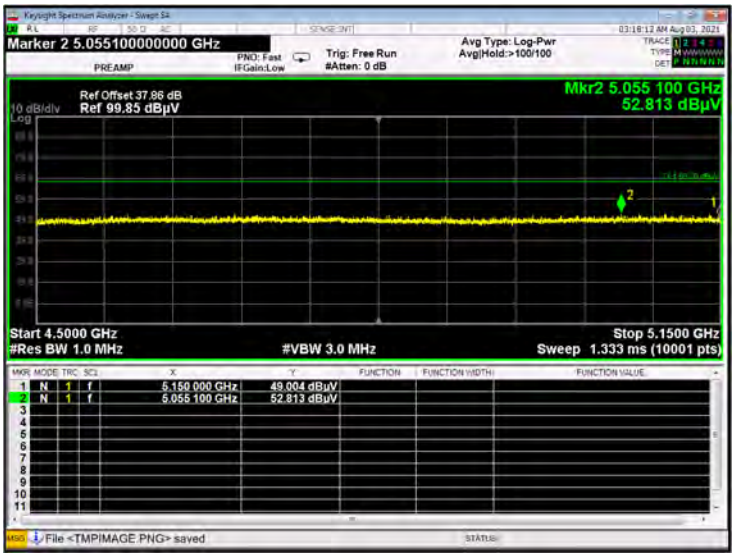


U-NII-2A 11ac40 CH62 AV

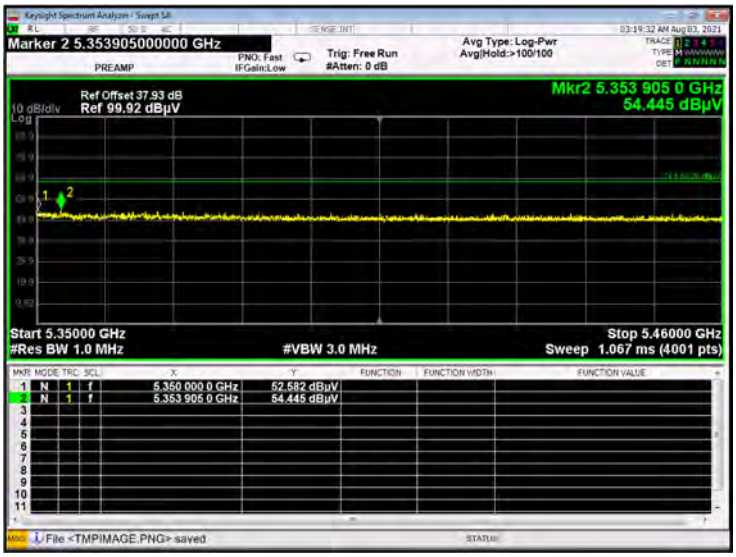
U-NII-2A 11ac40 CH62 AV



U-NII-2A 11ac80 CH58 Peak



U-NII-2A 11ac80 CH58 Peak



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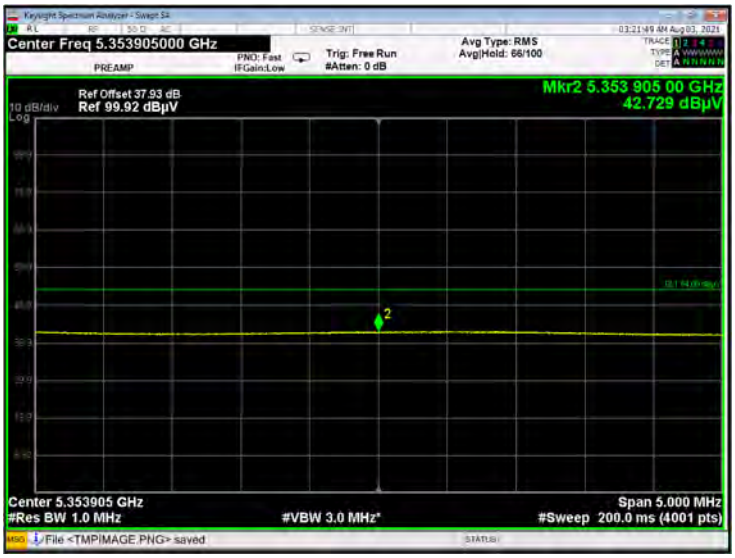


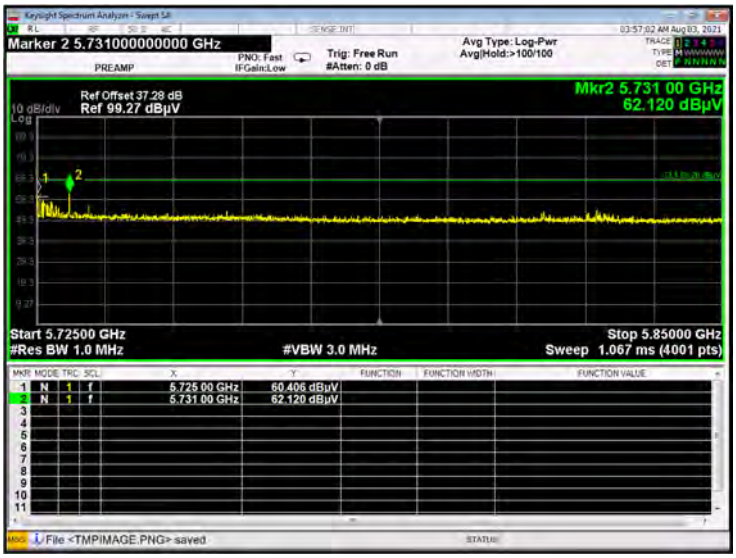
U-NII-2C 11a CH100 Peak

U-NII-2C 11a CH140 Peak

U-NII-2C 11a CH100 AV

U-NII-2C 11n20 CH100 Peak

U-NII-2C 11n20 CH140 Peak



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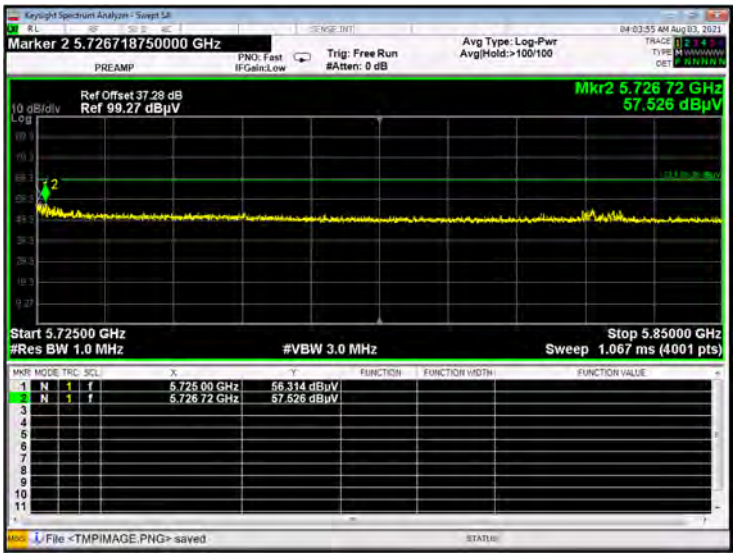
U-NII-2C 11n40 CH102 Peak

U-NII-2C 11n40 CH134 Peak



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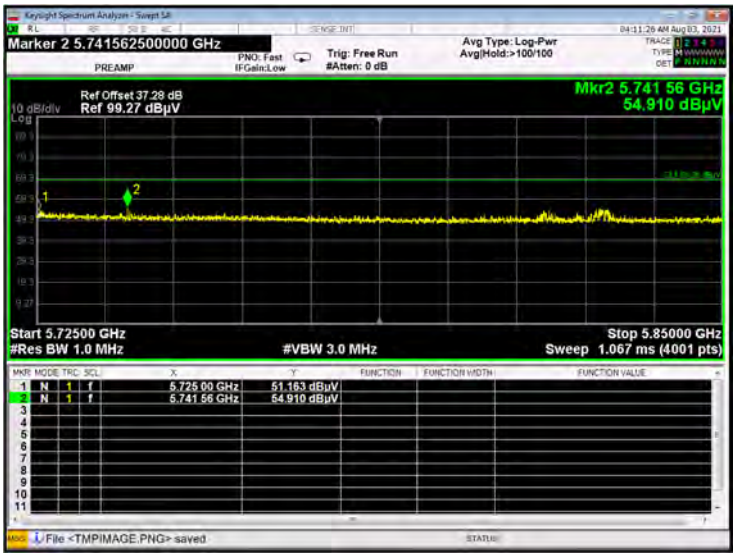
U-NII-2C 11ac20 CH100 Peak

U-NII-2C 11ac20 CH140 Peak



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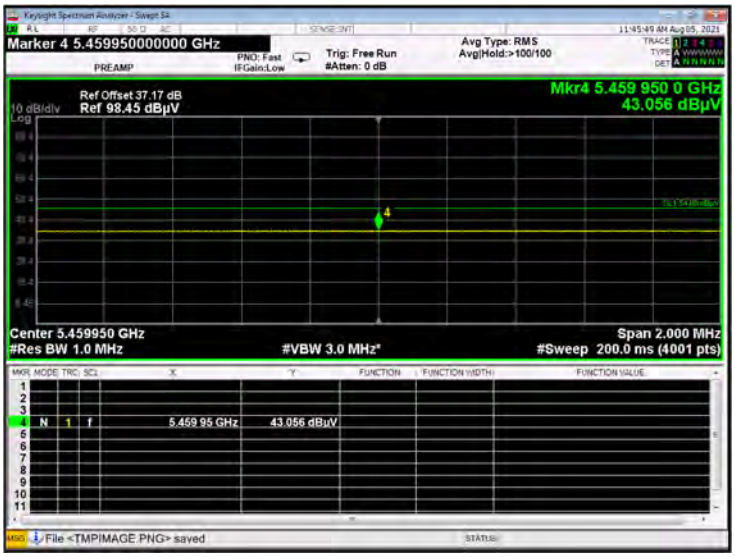

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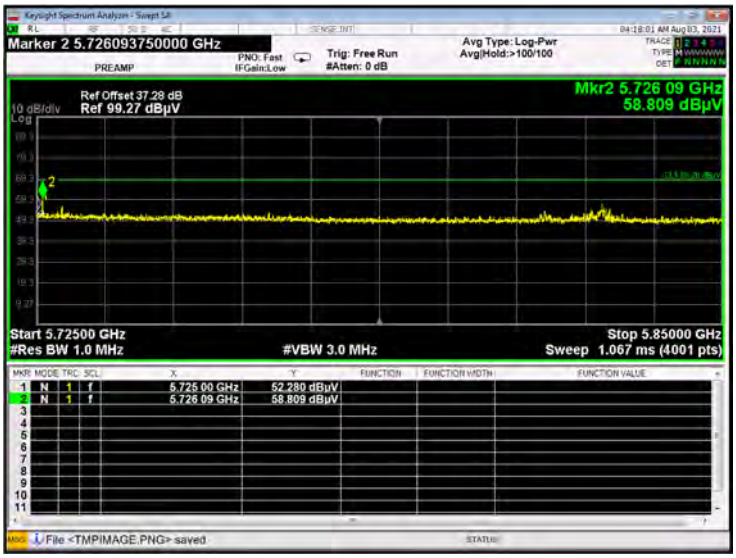
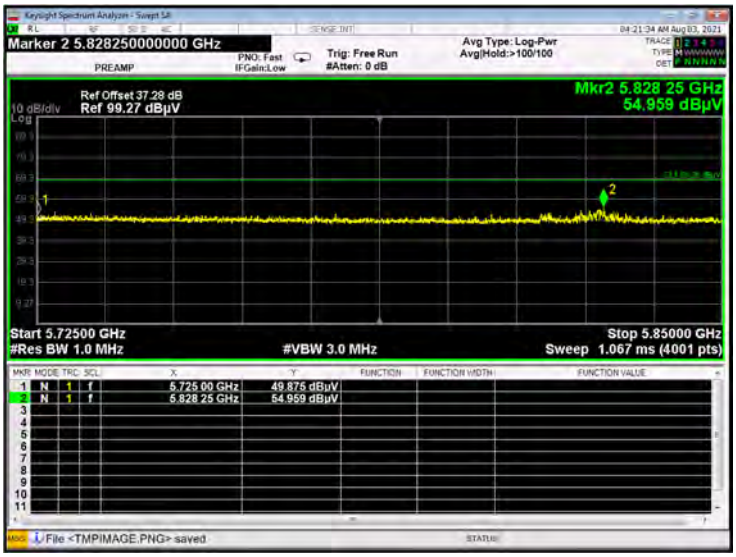


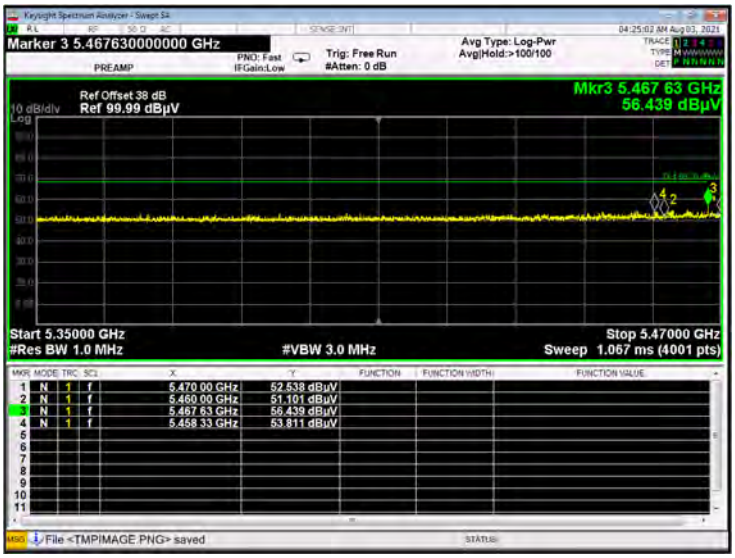
U-NII-2C 11ac40 CH102 AV

U-NII-2C 11ac80 CH106 Peak

U-NII-2C 11ac80 CH106 Peak



U-NII-2C 11ac80 CH122 Peak



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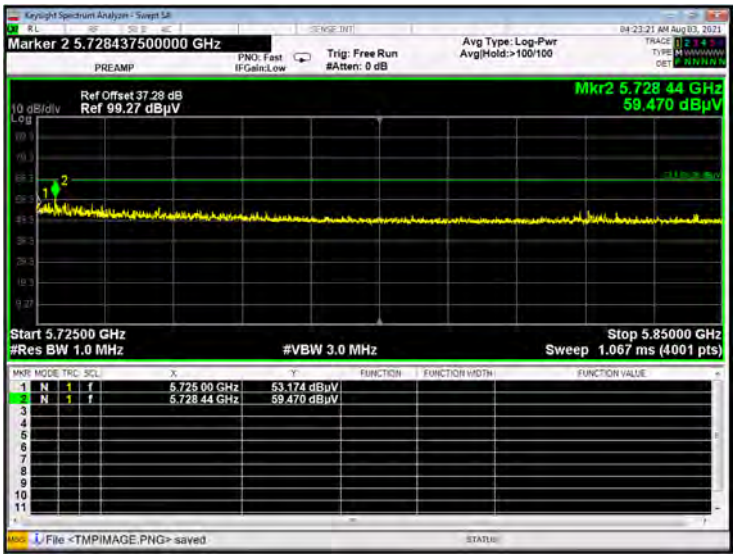
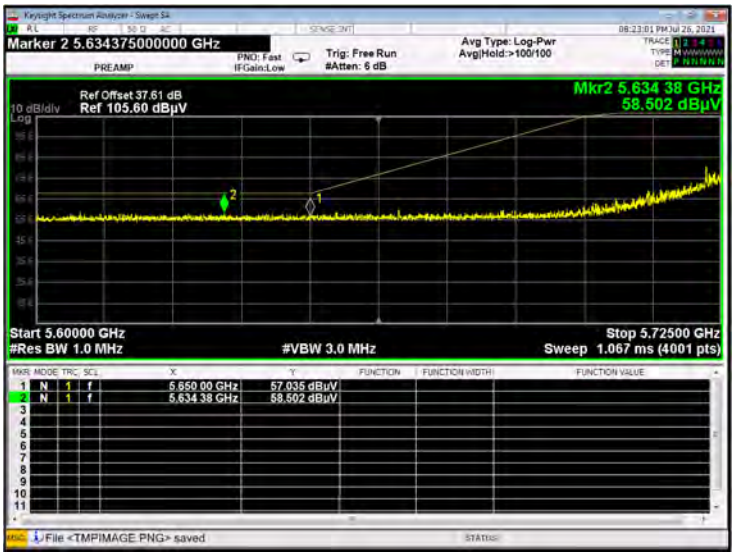


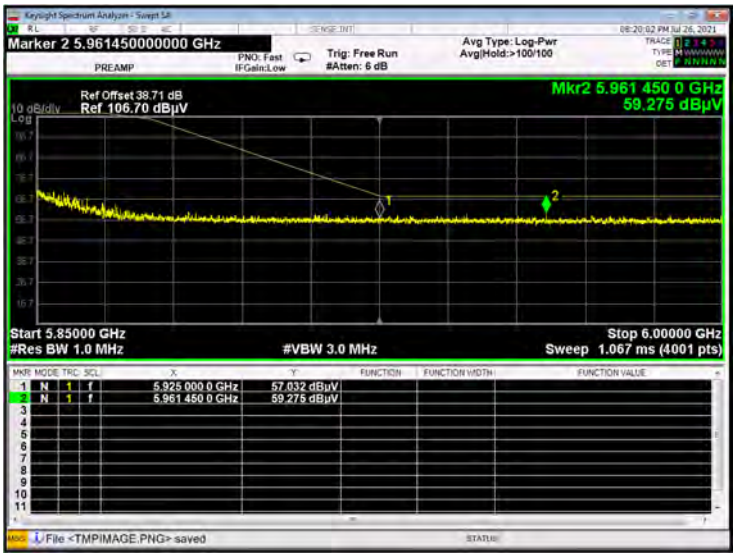
U-NII-3 11a CH149 Peak



U-NII-3 11a CH165 Peak

U-NII-3 11n20 CH149 Peak

U-NII-3 11n20 CH165 Peak



U-NII-3 11n40 CH151 Peak

U-NII-3 11n40 CH159 Peak

U-NII-3 11ac20 CH149 Peak

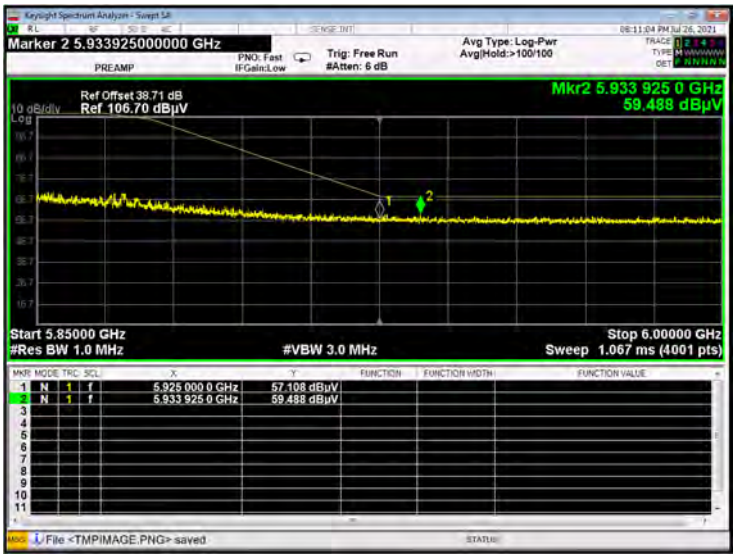
U-NII-3 11ac20 CH165 Peak

U-NII-3 11ac40 CH151 Peak

U-NII-3 11ac40 CH159 Peak

U-NII-3 11ac80 CH155 Peak

U-NII-3 11ac80 CH155 Peak



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2170683-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2170683-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2170683-AI.PDF”.

--END OF REPORT--