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

Prepared by: Ye Hongji
Date Jul. 06, 2021

Approved by: Liao Jianming
(Technical Director)
Date Jul. 06, 2021

Report No.:	BL-SZ2150983-604
EUT Name:	Mobile Phone
Model Name:	RMX3151
Brand Name:	realme
Test Standard:	47 CFR Part 15 Subpart E (refer section 3.1)
FCC ID:	2AUYFRMX3151
Test Conclusion:	Pass
Test Date:	Jun. 01, 2021 ~ Jun. 30, 2021
Date of Issue:	Jul. 06, 2021

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Revision History

Version	Issue Date	Revisions Content
Rev. 01	Jul. 06, 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	RMX3151
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	11
Software Version	realme UI V2.0
Dimensions (Approx.)	164.1 x 75.5 x 8.5 (mm)
Weight (Approx.)	Glass: 194g (with battery)

2.5 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 MHz 3G Network WCDMA/HSDPA/HSUPA/HSPA+ Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/17/26/66 LTE TDD Band 38/41 Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, GPS, GLONASS, BDS, Galileo, NFC

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

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Mobile and Portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 17.18 dBm U-NII-2A: 17.28 dBm U-NII-2C: 17.35 dBm U-NII-3: 17.66 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.

SP MATE	*#36446337#

U-NII-1 (5150 - 5250 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH36	5180	16.5
11a	CH44	5220	17.0
11a	CH48	5240	17.0
11n (HT20)	CH36	5180	16.5
11n (HT20)	CH44	5220	17.0
11n (HT20)	CH48	5240	17.0
11n (HT40)	CH38	5190	13.5
11n (HT40)	CH46	5230	17.0
11ac (VHT20)	CH36	5180	16.5
11ac (VHT20)	CH44	5220	17.0
11ac (VHT20)	CH48	5240	17.0
11ac (VHT40)	CH38	5190	14.0
11ac (VHT40)	CH46	5230	17.0
11ac (VHT80)	CH42	5210	14.0

U-NII-2A (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH52	5260	17.0
11a	CH60	5300	17.0
11a	CH64	5320	14.5
11n (HT20)	CH52	5260	17.0
11n (HT20)	CH60	5300	17.0
11n (HT20)	CH64	5320	13.5
11n (HT40)	CH54	5270	17.0
11n (HT40)	CH62	5310	13.0
11ac (VHT20)	CH52	5260	17.0
11ac (VHT20)	CH60	5300	17.0
11ac (VHT20)	CH64	5320	14.5
11ac (VHT40)	CH54	5270	17.0
11ac (VHT40)	CH62	5310	13.5
11ac (VHT80)	CH58	5290	13.0

U-NII-2C (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH100	5500	15.0
11a	CH116	5580	17.0
11a	CH140	5700	14.0
11a	CH144	5720	17.0
11n (HT20)	CH100	5500	14.0
11n (HT20)	CH116	5580	17.0
11n (HT20)	CH140	5700	13.5
11n (HT20)	CH144	5720	17.0
11n (HT40)	CH102	5510	11.5
11n (HT40)	CH118	5590	17.0
11n (HT40)	CH134	5670	17.0
11n (HT40)	CH142	5710	17.0
11ac (VHT20)	CH100	5500	14.0
11ac (VHT20)	CH116	5580	17.0
11ac (VHT20)	CH140	5700	15.0
11ac (VHT20)	CH144	5720	17.0
11ac (VHT40)	CH102	5510	13.5
11ac (VHT40)	CH118	5590	17.0
11ac (VHT40)	CH134	5670	17.0
11ac (VHT40)	CH142	5710	17.0
11ac (VHT80)	CH106	5530	13.0
11ac (VHT80)	CH122	5610	15.0
11ac (VHT80)	CH138	5690	17.0

U-NII-3 (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH149	5745	17.0
11a	CH157	5785	17.0
11a	CH165	5825	17.0
11n (HT20)	CH149	5745	17.0
11n (HT20)	CH157	5785	17.0
11n (HT20)	CH165	5825	17.0
11n (HT40)	CH151	5755	17.0
11n (HT40)	CH159	5795	17.0
11ac (VHT20)	CH149	5745	17.0
11ac (VHT20)	CH157	5785	17.0
11ac (VHT20)	CH165	5825	17.0
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**	**138**	**5690**
52	**5260**	**102**	**5510**	**155**	**5775**
56	5280	110	5550		
60	**5300**	**134**	**5670**		
64	**5320**	**142**	**5710**		
100	**5500**	**151**	**5755**		
104	5520	**159**	**5795**		
108	5540				
112	5560				
116	**5580**				
132	5660				
136	5680				
140	**5700**				
144	**5720**				
149	**5745**				
153	5765				
157	**5785**				
161	5805				
165	**5825**				

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

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

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

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
100	Low	5500	144	--	5720
116	Mid	5580	149	Low	5745
140	High	5700	157	Mid	5785
144	--	5720	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	142	--	5710
110	Mid	5550	151	Low	5755
134	High	5670	159	High	5795
142	--	5710			

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	138	--	5690
138	High	5690	155	Mid	5775

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	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149/144
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149/144
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151/142
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149/144
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151/142
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155/138
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Band Edge (Restricted -band)	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138

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)	0℃
	HT (High Temperature)	+35℃
Working Voltage of the EUT	NV (Normal Voltage)	3.87 V
	LV (Low Voltage)	3.40 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	2021.07.01
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1917	2019.07.02	2021.07.01
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	2021.08.07
Shielded Enclosure	ChangNing	CN-130701	130703	--	--

4.3 Measurement Uncertainty

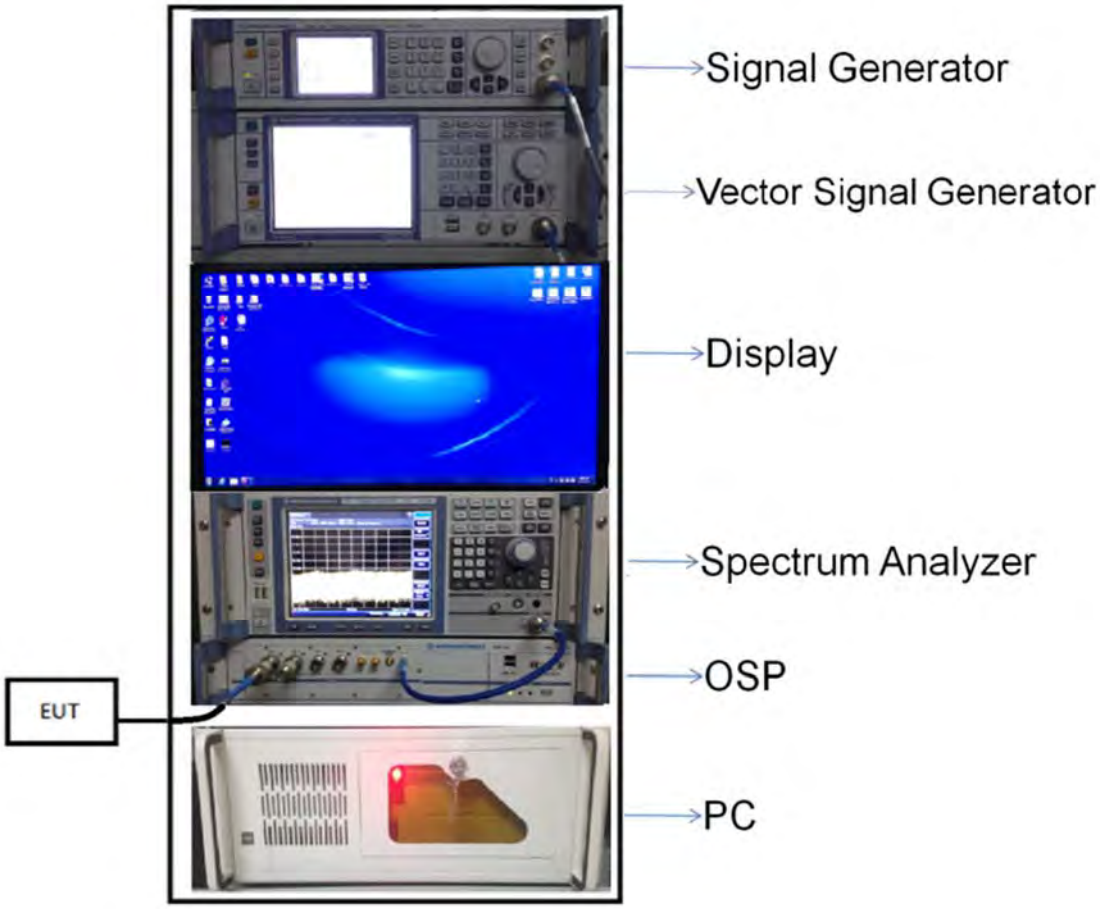
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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	±4%
RF output power, conducted	±1.21 dB
Power Spectral Density, conducted	±1.25 dB
Unwanted Emissions, conducted	±1.26 dB
All emissions, radiated	±3.86 dB
Temperature	±1°C
Humidity	±4%

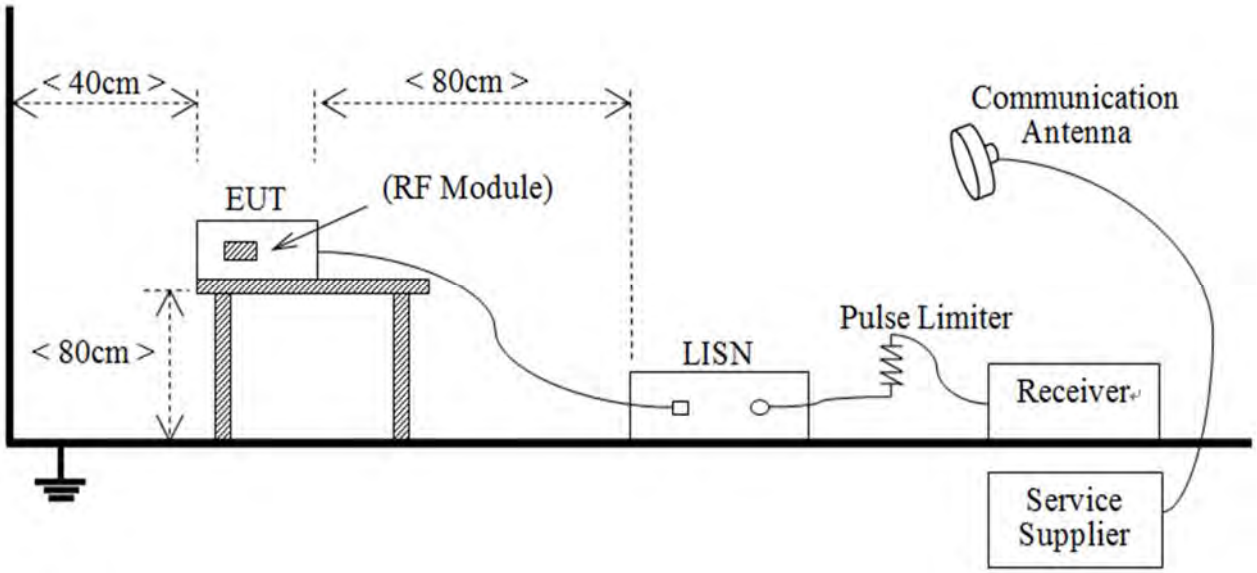
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



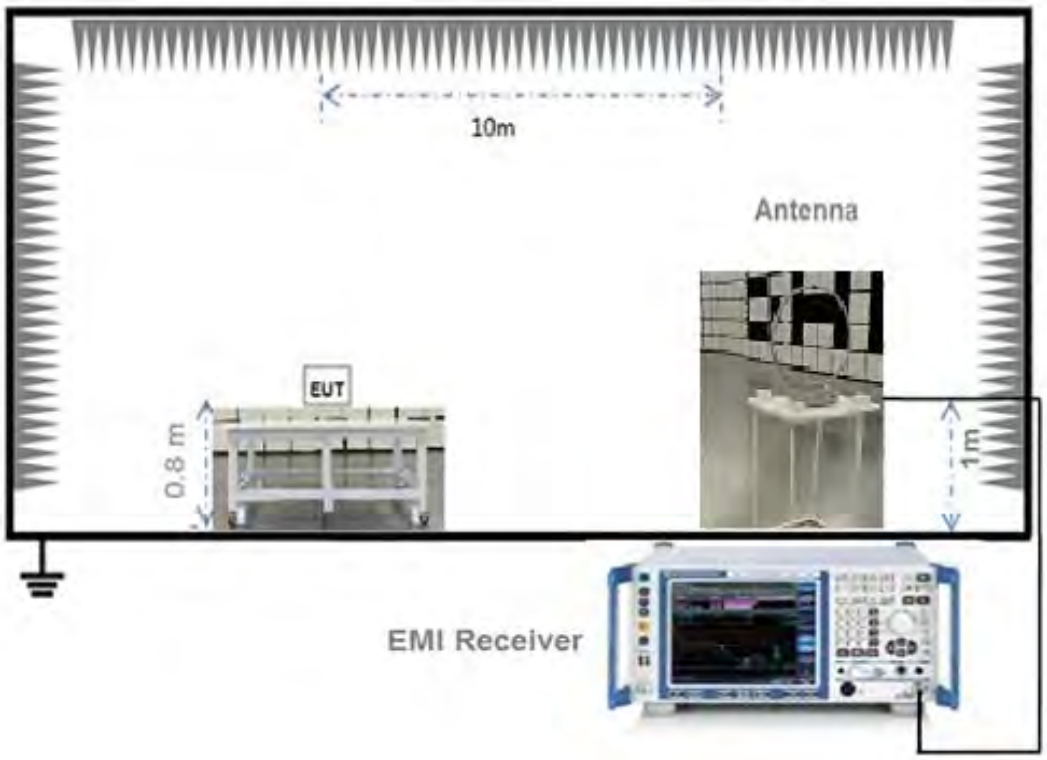
(Diagram 1)

4.4.2 For AC Power Supply Port Test



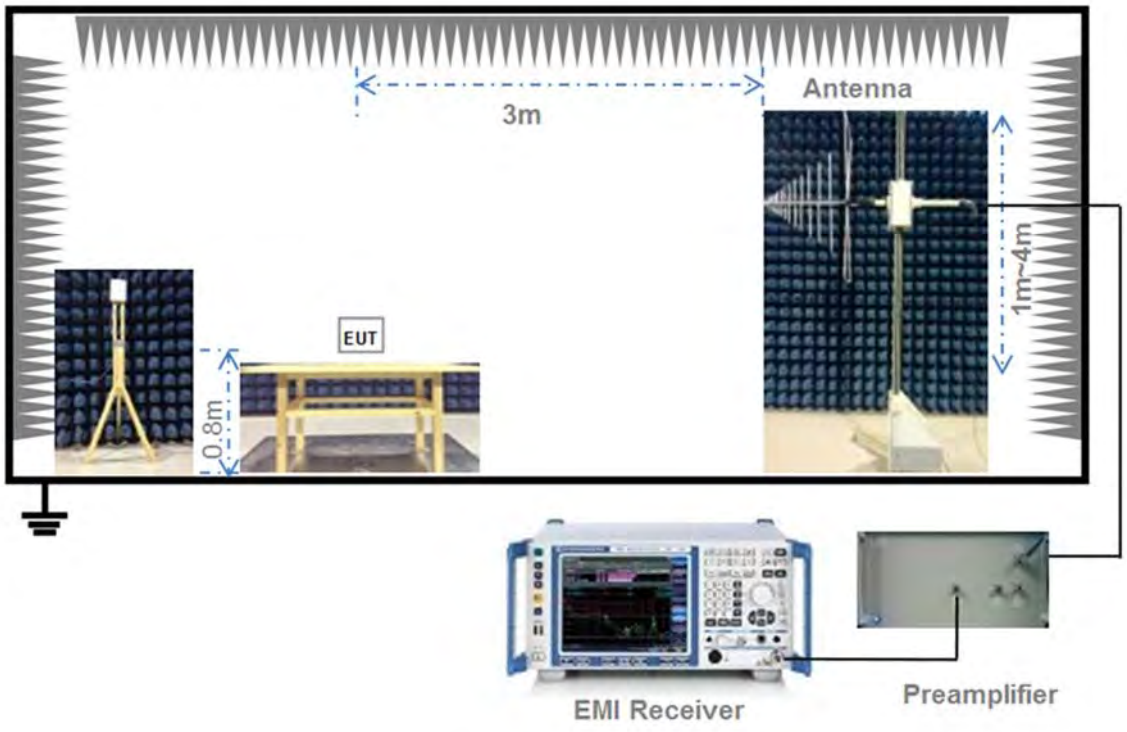
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



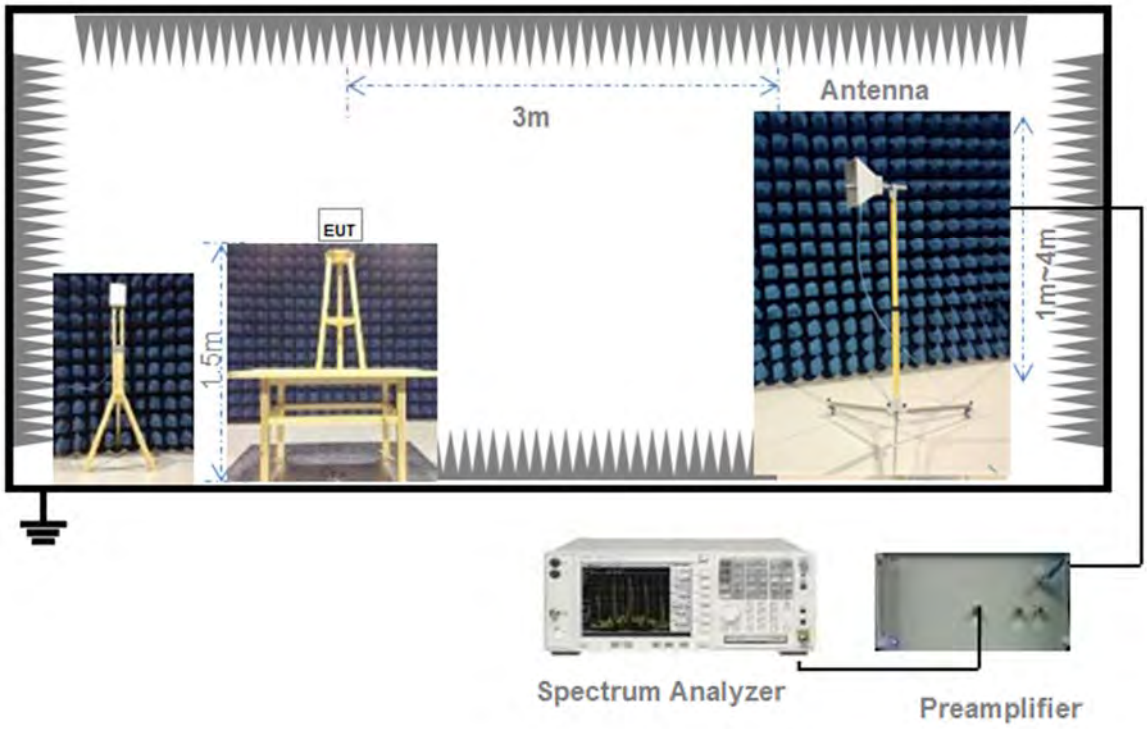
(Diagram 3)

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)

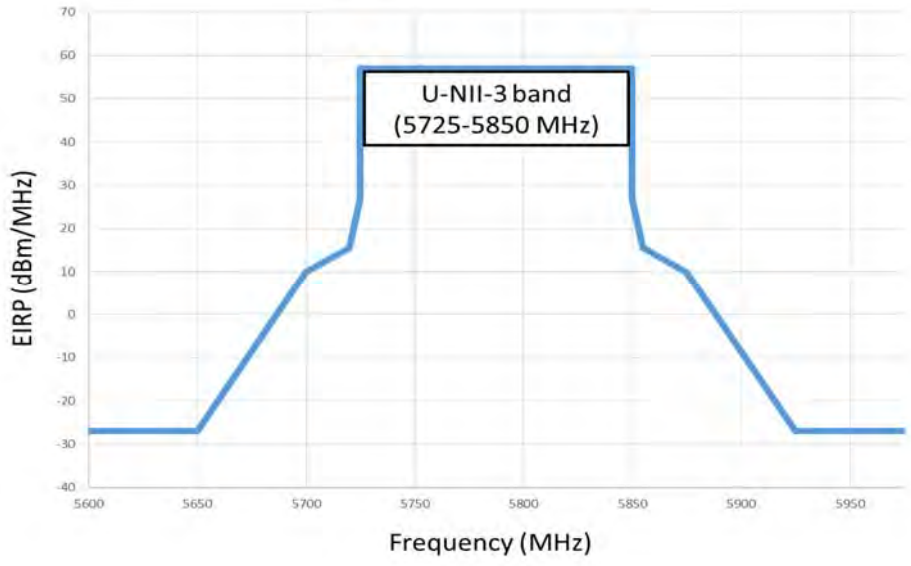
5.5.1 Limit

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	16.66	46.34	250	Pass
11a	CH44	17.14	51.76	250	Pass
11a	CH48	17.12	51.52	250	Pass
11n (HT20)	CH36	16.38	43.45	250	Pass
11n (HT20)	CH44	16.76	47.42	250	Pass
11n (HT20)	CH48	16.78	47.64	250	Pass
11n (HT40)	CH38	13.51	22.44	250	Pass
11n (HT40)	CH46	16.92	49.20	250	Pass
11ac (VHT20)	CH36	16.57	45.39	250	Pass
11ac (VHT20)	CH44	17.07	50.93	250	Pass
11ac (HVT20)	CH48	17.05	50.70	250	Pass
11ac (VHT40)	CH38	14.21	26.36	250	Pass
11ac (VHT40)	CH46	17.18	52.24	250	Pass
11ac (VHT80)	CH42	13.96	24.89	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	17.16	52.00	250	Pass
11a	CH60	17.28	53.46	250	Pass
11a	CH64	14.85	30.55	250	Pass
11n (HT20)	CH52	16.85	48.42	250	Pass
11n (HT20)	CH60	16.66	46.34	250	Pass
11n (HT20)	CH64	13.54	22.59	250	Pass
11n (HT40)	CH54	17.06	50.82	250	Pass
11n (HT40)	CH62	13.09	20.37	250	Pass
11ac (VHT20)	CH52	17.04	50.58	250	Pass
11ac (VHT20)	CH60	17.17	52.12	250	Pass
11ac (HVT20)	CH64	14.68	29.38	250	Pass
11ac (VHT40)	CH54	16.97	49.77	250	Pass
11ac (VHT40)	CH62	13.66	23.23	250	Pass
11ac (VHT80)	CH58	13.06	20.23	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	15.40	34.67	250	Pass
11a	CH116	16.80	47.86	250	Pass
11a	CH140	14.39	27.48	250	Pass
11a	CH144	17.35	54.33	250	Pass
11n (HT20)	CH100	14.28	26.79	250	Pass
11n (HT20)	CH116	17.07	50.93	250	Pass
11n (HT20)	CH140	13.66	23.23	250	Pass
11n (HT20)	CH144	17.07	50.93	250	Pass
11n (HT40)	CH102	11.78	15.07	250	Pass
11n (HT40)	CH118	17.18	52.24	250	Pass
11n (HT40)	CH134	17.16	52.00	250	Pass
11n (HT40)	CH142	17.28	53.46	250	Pass
11ac (VHT20)	CH100	14.41	27.61	250	Pass
11ac (VHT20)	CH116	17.20	52.48	250	Pass
11ac (VHT20)	CH140	15.16	32.81	250	Pass
11ac (VHT20)	CH144	17.27	53.33	250	Pass
11ac (VHT40)	CH102	13.71	23.50	250	Pass
11ac (VHT40)	CH118	17.19	52.36	250	Pass
11ac (VHT40)	CH134	17.14	51.76	250	Pass
11ac (VHT40)	CH142	17.29	53.58	250	Pass
11ac (VHT80)	CH106	13.17	20.75	250	Pass
11ac (VHT80)	CH122	15.26	33.57	250	Pass
11ac (VHT80)	CH138	17.23	52.84	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	17.35	54.33	1000	Pass
11a	CH149	17.53	56.62	1000	Pass
11a	CH157	17.63	57.94	1000	Pass
11a	CH165	17.66	58.34	1000	Pass
11n (HT20)	CH144	17.06	50.82	1000	Pass
11n (HT20)	CH149	17.28	53.46	1000	Pass
11n (HT20)	CH157	17.35	54.33	1000	Pass
11n (HT20)	CH165	17.37	54.58	1000	Pass
11n (HT40)	CH142	17.17	52.12	1000	Pass
11n (HT40)	CH151	17.37	54.58	1000	Pass
11n (HT40)	CH159	17.42	55.21	1000	Pass
11ac (VHT20)	CH144	17.38	54.70	1000	Pass
11ac (VHT20)	CH149	17.35	54.33	1000	Pass
11ac (VHT20)	CH157	17.48	55.98	1000	Pass
11ac (VHT20)	CH165	17.51	56.36	1000	Pass
11ac (VHT40)	CH142	17.18	52.24	1000	Pass
11ac (VHT40)	CH151	17.37	54.58	1000	Pass
11ac (VHT40)	CH159	17.46	55.72	1000	Pass
11ac (VHT80)	CH138	17.01	50.23	1000	Pass
11ac (VHT80)	CH155	17.40	54.95	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2150983-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	16.59	16.58
11a	CH44	16.90	16.82
11a	CH48	16.86	16.80
11n (HT20)	CH36	17.61	17.60
11n (HT20)	CH44	18.17	18.13
11n (HT20)	CH48	18.12	18.06
11n (HT40)	CH38	36.09	36.12
11n (HT40)	CH46	36.11	36.11
11ac (VHT20)	CH36	17.76	17.72
11ac (VHT20)	CH44	17.78	17.72
11ac (HVT20)	CH48	17.74	17.67
11ac (VHT40)	CH38	36.09	36.10
11ac (VHT40)	CH46	36.07	36.07
11ac (VHT80)	CH42	75.43	75.41

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	16.62	16.57
11a	CH60	16.64	16.58
11a	CH64	16.63	16.56
11n (HT20)	CH52	17.64	17.63
11n (HT20)	CH60	17.64	17.64
11n (HT20)	CH64	17.63	17.63
11n (HT40)	CH54	36.12	36.09
11n (HT40)	CH62	36.08	36.09
11ac (VHT20)	CH52	17.65	17.61
11ac (VHT20)	CH60	17.66	17.63
11ac (VHT20)	CH64	17.67	17.63
11ac (VHT40)	CH54	36.05	36.03
11ac (VHT40)	CH62	36.05	36.07
11ac (VHT80)	CH58	75.29	75.34

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	16.52	16.50
11a	CH116	16.58	16.54
11a	CH140	16.57	16.50
11a	CH144	16.57	16.54
11n (HT20)	CH100	17.63	17.62
11n (HT20)	CH116	17.64	17.62
11n (HT20)	CH140	17.65	17.62
11n (HT20)	CH144	17.63	17.62
11n (HT40)	CH102	36.02	36.03
11n (HT40)	CH118	36.02	36.26
11n (HT40)	CH134	36.02	36.05
11n (HT40)	CH142	36.00	35.98
11ac (VHT20)	CH100	17.60	17.59
11ac (VHT20)	CH116	17.65	17.62
11ac (VHT20)	CH140	17.64	17.61
11ac (VHT20)	CH144	17.64	17.61
11ac (VHT40)	CH102	36.03	35.99
11ac (VHT40)	CH118	36.07	36.07
11ac (VHT40)	CH134	36.04	36.06
11ac (VHT40)	CH142	36.02	36.03
11ac (VHT80)	CH106	75.36	75.37
11ac (VHT80)	CH122	75.51	75.48
11ac (VHT80)	CH138	75.59	75.53

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	16.66	16.62
11a	CH157	16.65	16.62
11a	CH165	16.63	16.59
11n (HT20)	CH149	17.68	17.64
11n (HT20)	CH157	17.76	17.72
11n (HT20)	CH165	17.75	17.70
11n (HT40)	CH151	36.35	36.33
11n (HT40)	CH159	36.21	36.23
11ac (VHT20)	CH149	17.72	17.62
11ac (VHT20)	CH157	17.73	17.72
11ac (VHT20)	CH165	17.77	17.71
11ac (VHT40)	CH151	36.18	36.15
11ac (VHT40)	CH159	36.09	35.91
11ac (VHT80)	CH155	75.73	75.57

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2150983-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.22	500.00	Pass
11a	CH157	15.17	500.00	Pass
11a	CH165	15.22	500.00	Pass
11n (HT20)	CH149	15.22	500.00	Pass
11n (HT20)	CH157	15.22	500.00	Pass
11n (HT20)	CH165	15.22	500.00	Pass
11n (HT40)	CH151	35.22	500.00	Pass
11n (HT40)	CH159	35.17	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	35.22	500.00	Pass
11ac (VHT40)	CH159	35.17	500.00	Pass
11ac (VHT80)	CH155	75.22	500.00	Pass

A.4 Power Spectral Density

Note [1]: Test plots please refer to the document “Annex No.: BL-SZ2150983-604 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	5.872	11.00	Pass
11a	CH44	5.867	11.00	Pass
11a	CH48	6.245	11.00	Pass
11n (HT20)	CH36	5.690	11.00	Pass
11n (HT20)	CH44	5.589	11.00	Pass
11n (HT20)	CH48	5.874	11.00	Pass
11n (HT40)	CH38	-1.130	11.00	Pass
11n (HT40)	CH46	2.778	11.00	Pass
11ac (VHT20)	CH36	5.768	11.00	Pass
11ac (VHT20)	CH44	5.604	11.00	Pass
11ac (VHT20)	CH48	5.970	11.00	Pass
11ac (VHT40)	CH38	-0.687	11.00	Pass
11ac (VHT40)	CH46	2.779	11.00	Pass
11ac (VHT80)	CH42	-4.312	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	6.271	11.00	Pass
11a	CH60	6.035	11.00	Pass
11a	CH64	3.185	11.00	Pass
11n (HT20)	CH52	5.999	11.00	Pass
11n (HT20)	CH60	5.720	11.00	Pass
11n (HT20)	CH64	1.688	11.00	Pass
11n (HT40)	CH54	2.566	11.00	Pass
11n (HT40)	CH62	-1.642	11.00	Pass
11ac (VHT20)	CH52	5.989	11.00	Pass
11ac (VHT20)	CH60	5.689	11.00	Pass
11ac (VHT20)	CH64	2.806	11.00	Pass
11ac (VHT40)	CH54	2.686	11.00	Pass
11ac (VHT40)	CH62	1.875	11.00	Pass
11ac (VHT80)	CH58	-5.023	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	4.241	11.00	Pass
11a	CH116	6.012	11.00	Pass
11a	CH140	1.718	11.00	Pass
11a	CH144	5.291	11.00	Pass
11n (HT20)	CH100	2.993	11.00	Pass
11n (HT20)	CH116	5.245	11.00	Pass
11n (HT20)	CH140	0.731	11.00	Pass
11n (HT20)	CH144	5.190	11.00	Pass
11n (HT40)	CH102	-2.782	11.00	Pass
11n (HT40)	CH118	2.507	11.00	Pass
11n (HT40)	CH134	2.146	11.00	Pass
11n (HT40)	CH142	2.031	11.00	Pass
11ac (VHT20)	CH100	2.756	11.00	Pass
11ac (VHT20)	CH116	5.222	11.00	Pass
11ac (VHT20)	CH140	2.888	11.00	Pass
11ac (VHT20)	CH144	5.296	11.00	Pass
11ac (VHT40)	CH102	-1.138	11.00	Pass
11ac (VHT40)	CH118	2.647	11.00	Pass
11ac (VHT40)	CH134	2.193	11.00	Pass
11ac (VHT40)	CH142	2.005	11.00	Pass
11ac (VHT80)	CH106	-4.538	11.00	Pass
11ac (VHT80)	CH122	-0.143	11.00	Pass
11ac (VHT80)	CH138	-1.760	11.00	Pass

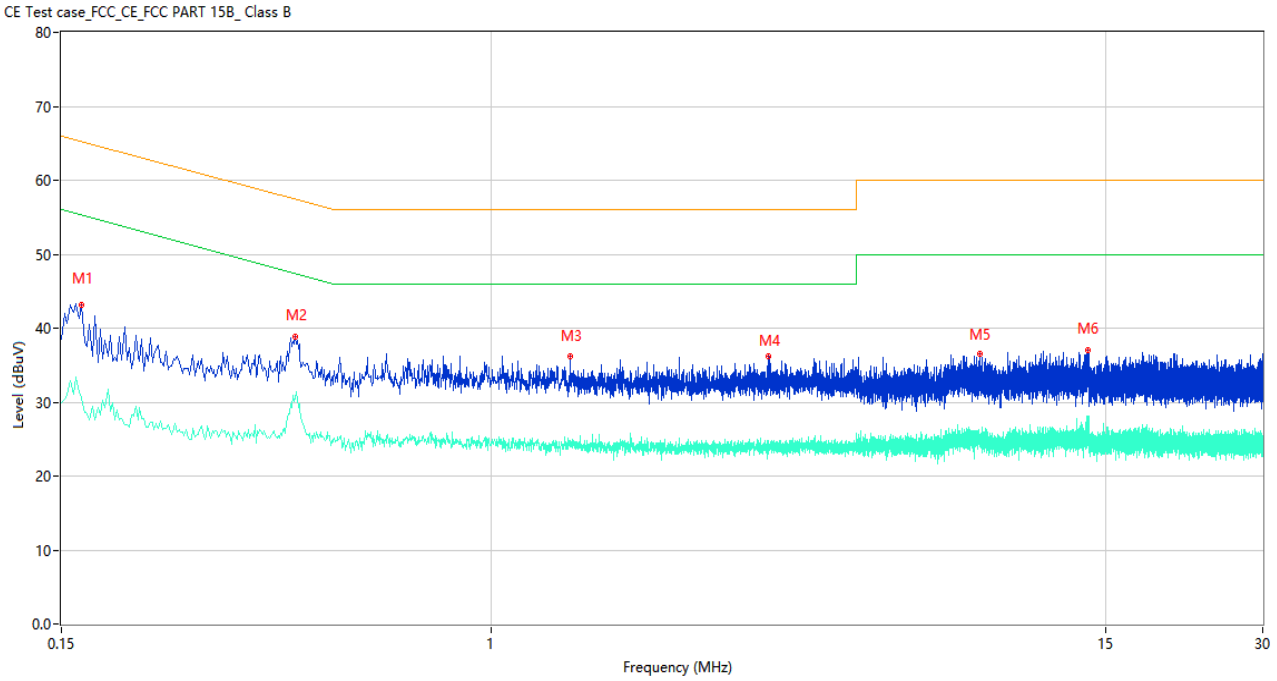
U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	2.827	30.00	Pass
11a	CH149	2.435	30.00	Pass
11a	CH157	2.439	30.00	Pass
11a	CH165	2.704	30.00	Pass
11n (HT20)	CH144	2.509	30.00	Pass
11n (HT20)	CH149	2.198	30.00	Pass
11n (HT20)	CH157	2.187	30.00	Pass
11n (HT20)	CH165	2.809	30.00	Pass
11n (HT40)	CH142	-0.768	30.00	Pass
11n (HT40)	CH151	-1.019	30.00	Pass
11n (HT40)	CH159	-0.398	30.00	Pass
11ac (VHT20)	CH144	2.454	30.00	Pass
11ac (VHT20)	CH149	2.232	30.00	Pass
11ac (VHT20)	CH157	2.274	30.00	Pass
11ac (VHT20)	CH165	2.846	30.00	Pass
11ac (VHT40)	CH142	-0.870	30.00	Pass
11ac (VHT40)	CH151	-1.186	30.00	Pass
11ac (VHT40)	CH159	-0.318	30.00	Pass
11ac (VHT80)	CH138	-4.302	30.00	Pass
11ac (VHT80)	CH155	-4.779	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.

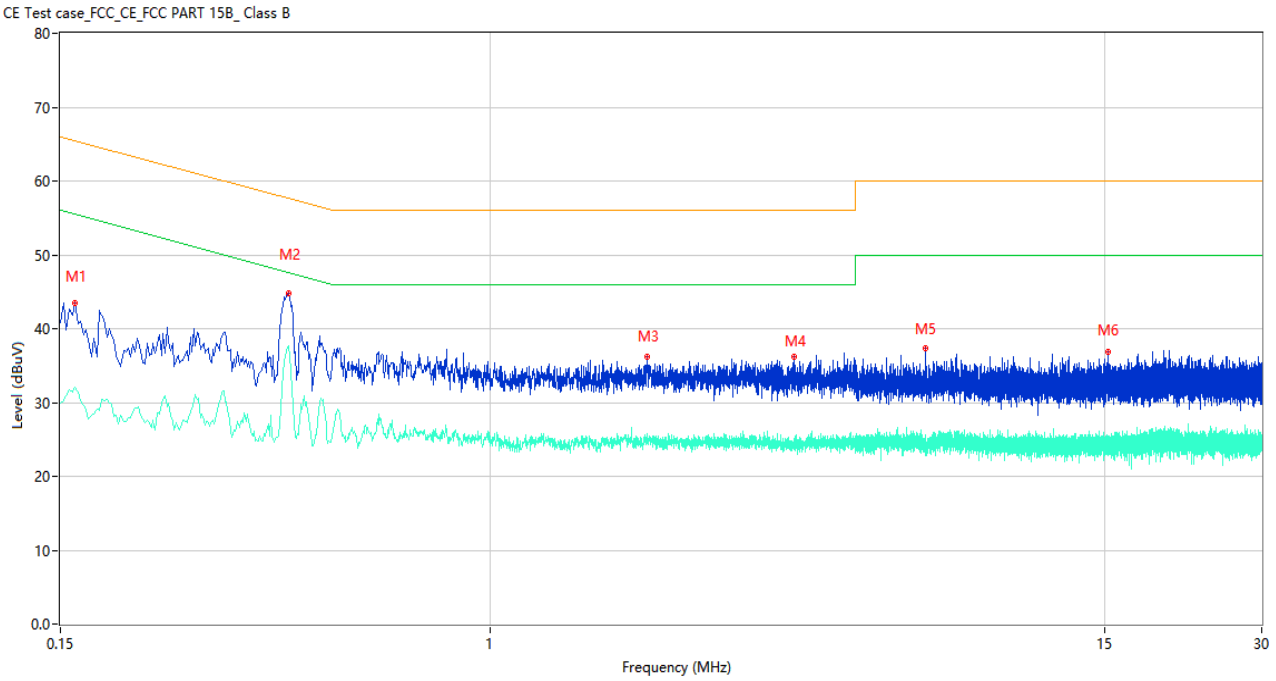
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.164	43.09	10.40	65.26	-22.17	Peak	L	Pass
1**	0.164	30.64	10.40	55.26	-24.62	AV	L	Pass
2	0.420	38.92	10.31	57.45	-18.53	Peak	L	Pass
2**	0.420	30.35	10.31	47.45	-17.10	AV	L	Pass
3	1.416	36.12	10.25	56.00	-19.88	Peak	L	Pass
3**	1.416	24.77	10.25	46.00	-21.23	AV	L	Pass
4	3.384	36.17	10.27	56.00	-19.83	Peak	L	Pass
4**	3.384	23.65	10.27	46.00	-22.35	AV	L	Pass
5	8.616	36.48	10.36	60.00	-23.52	Peak	L	Pass
5**	8.616	25.62	10.36	50.00	-24.38	AV	L	Pass
6	13.910	37.07	10.40	60.00	-22.93	Peak	L	Pass
6**	13.910	26.65	10.40	50.00	-23.35	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.160	43.52	10.40	65.46	-21.94	Peak	N	Pass
1**	0.160	32.01	10.40	55.46	-23.45	AV	N	Pass
2	0.410	44.78	10.31	57.65	-12.87	Peak	N	Pass
2**	0.410	37.75	10.31	47.65	-9.90	AV	N	Pass
3	1.992	36.22	10.27	56.00	-19.78	Peak	N	Pass
3**	1.992	25.73	10.27	46.00	-20.27	AV	N	Pass
4	3.814	36.13	10.29	56.00	-19.87	Peak	N	Pass
4**	3.814	24.54	10.29	46.00	-21.46	AV	N	Pass
5	6.802	37.32	10.33	60.00	-22.68	Peak	N	Pass
5**	6.802	24.63	10.33	50.00	-25.37	AV	N	Pass
6	15.250	36.82	10.42	60.00	-23.18	Peak	N	Pass
6**	15.250	23.89	10.42	50.00	-26.11	AV	N	Pass

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

Test Data

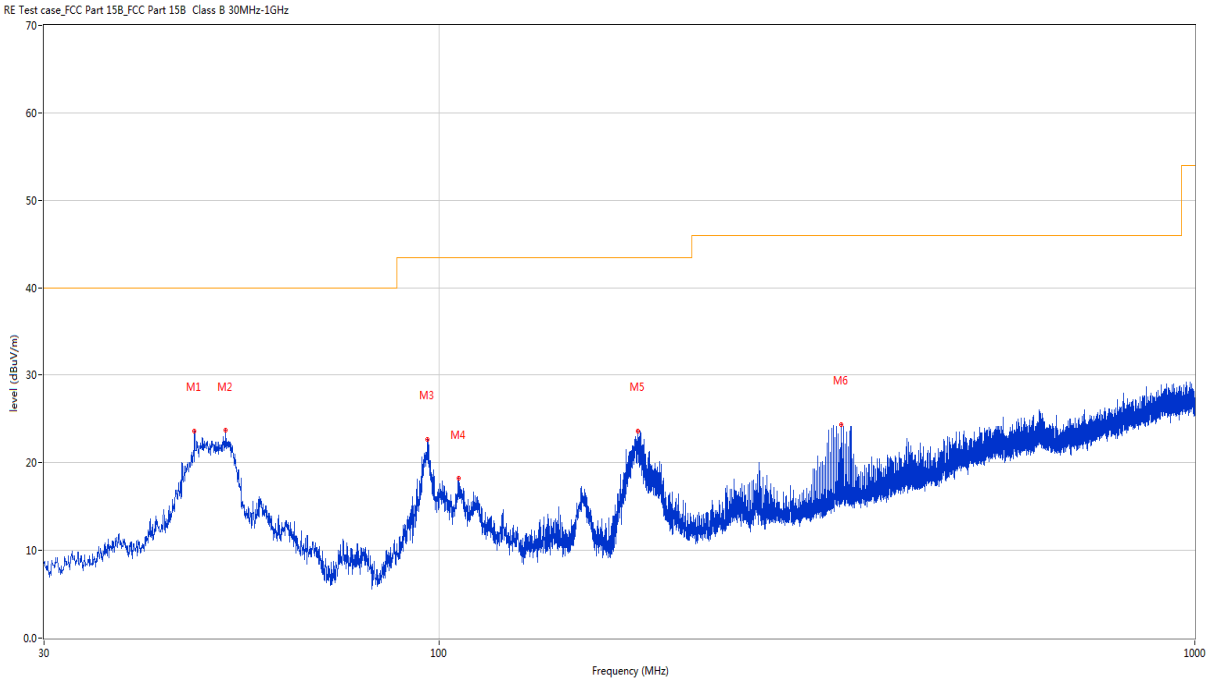
Note [1]: The symbol of “--” in the table which means not application.

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.

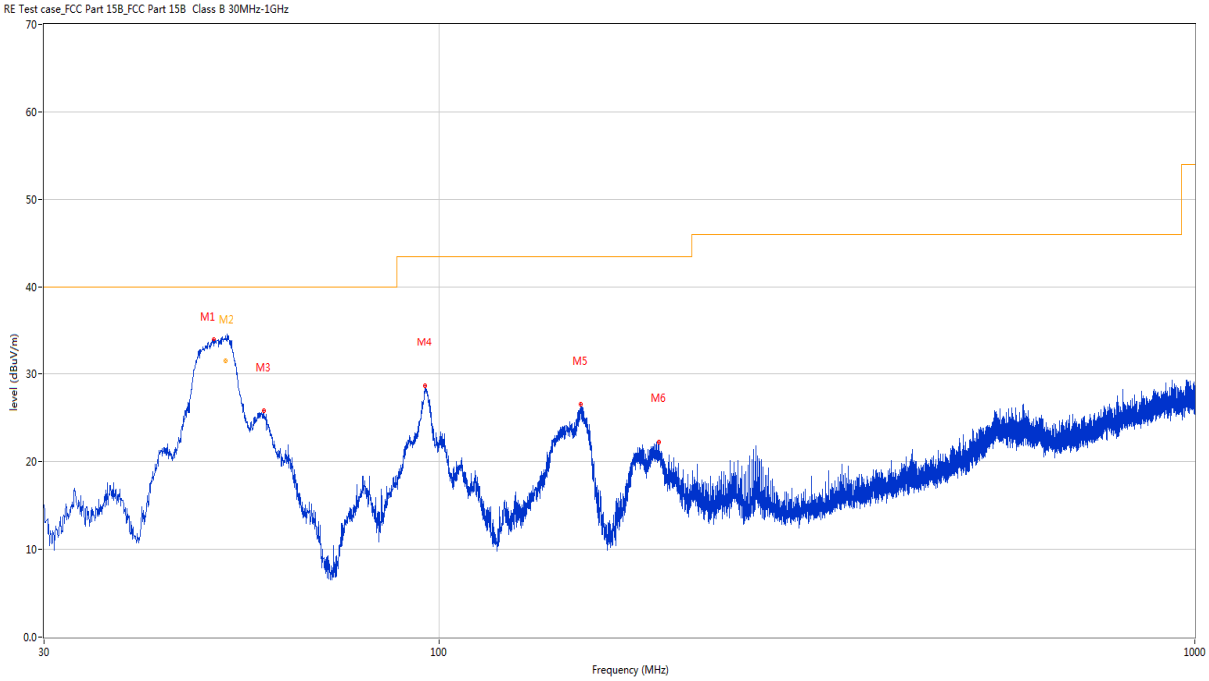
Note [4]: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

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	47.460	23.63	-22.77	40.0	-16.37	Peak	140.40	200	Horizontal	Pass
2	52.213	23.64	-23.13	40.0	-16.36	Peak	322.40	100	Horizontal	Pass
3	96.542	22.66	-24.79	43.5	-20.84	Peak	261.40	200	Horizontal	Pass
4	105.999	18.20	-24.17	43.5	-25.30	Peak	255.40	200	Horizontal	Pass
5	183.308	23.60	-25.28	43.5	-19.90	Peak	83.30	100	Horizontal	Pass
6	340.109	24.36	-20.16	46.0	-21.64	Peak	83.30	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	50.322	33.98	-22.92	40.0	-6.02	Peak	215.50	100	Vertical	Pass
2	52.209	33.87	-23.10	40.0	-6.13	Peak	215.50	100	Vertical	N/A
2*	52.209	31.49	-23.10	40.0	-8.51	QP	215.50	100	Vertical	Pass
3	58.566	25.74	-24.06	40.0	-14.26	Peak	203.10	100	Vertical	Pass
4	95.863	28.68	-24.74	43.5	-14.82	Peak	360.00	100	Vertical	Pass
5	153.917	26.52	-27.46	43.5	-16.98	Peak	266.90	100	Vertical	Pass
6	195.191	22.21	-24.49	43.5	-21.29	Peak	180.80	100	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1341.500	39.10	-17.73	74.0	-34.90	Peak	152.00	150	Horizontal	Pass
1**	1341.500	28.77	-17.73	54.0	-25.23	AV	152.00	150	Horizontal	Pass
2	2818.700	44.65	-10.62	74.0	-29.35	Peak	57.00	150	Horizontal	Pass
2**	2818.700	34.99	-10.62	54.0	-19.01	AV	57.00	150	Horizontal	Pass
3	3910.600	48.07	-5.92	74.0	-25.93	Peak	185.00	150	Horizontal	Pass
3**	3910.600	37.65	-5.92	54.0	-16.35	AV	185.00	150	Horizontal	Pass
4	5178.200	106.41	-3.14	--	--	Peak	215.00	150	Horizontal	N/A
4**	5178.200	99.00	-3.14	--	--	AV	215.00	150	Horizontal	N/A
5	7389.850	49.00	-1.73	74.0	-25.00	Peak	89.00	150	Horizontal	Pass
5**	7389.850	41.13	-1.73	54.0	-12.87	AV	89.00	150	Horizontal	Pass
6	11660.951	50.81	2.51	74.0	-23.19	Peak	281.00	150	Horizontal	Pass
6**	11660.951	41.94	2.51	54.0	-12.06	AV	281.00	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	1571.300	39.16	-17.59	74.0	-34.84	Peak	15.00	150	Vertical	Pass
1**	1571.300	30.29	-17.59	54.0	-23.71	AV	15.00	150	Vertical	Pass
2	2808.400	44.44	-10.89	74.0	-29.56	Peak	48.00	150	Vertical	Pass
2**	2808.400	35.03	-10.89	54.0	-18.97	AV	48.00	150	Vertical	Pass
3	4014.600	48.15	-5.77	74.0	-25.85	Peak	215.00	150	Vertical	Pass
3**	4014.600	38.80	-5.77	54.0	-15.20	AV	215.00	150	Vertical	Pass
4	5178.600	100.55	-3.14	--	--	Peak	55.00	150	Vertical	N/A
4**	5178.600	93.35	-3.14	--	--	AV	55.00	150	Vertical	N/A
5	7483.863	49.13	-1.90	74.0	-24.87	Peak	263.00	150	Vertical	Pass
5**	7483.863	39.64	-1.90	54.0	-14.36	AV	263.00	150	Vertical	Pass
6	11684.813	50.86	2.42	74.0	-23.14	Peak	153.00	150	Vertical	Pass
6**	11684.813	42.67	2.42	54.0	-11.33	AV	153.00	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	1471.200	39.21	-17.68	74.0	-34.79	Peak	207.00	150	Horizontal	Pass
1**	1471.200	29.33	-17.68	54.0	-24.67	AV	207.00	150	Horizontal	Pass
2	2843.600	44.23	-10.81	74.0	-29.77	Peak	1.00	150	Horizontal	Pass
2**	2843.600	35.28	-10.81	54.0	-18.72	AV	1.00	150	Horizontal	Pass
3	3969.800	48.01	-5.33	74.0	-25.99	Peak	233.00	150	Horizontal	Pass
3**	3969.800	38.51	-5.33	54.0	-15.49	AV	233.00	150	Horizontal	Pass
4	5218.200	107.48	-3.45	--	--	Peak	240.00	150	Horizontal	N/A
4**	5218.200	99.97	-3.45	--	--	AV	240.00	150	Horizontal	N/A
5	7491.625	48.66	-1.84	74.0	-25.34	Peak	171.00	150	Horizontal	Pass
5**	7491.625	39.46	-1.84	54.0	-14.54	AV	171.00	150	Horizontal	Pass
6	12222.151	51.24	2.60	74.0	-22.76	Peak	226.00	150	Horizontal	Pass
6**	12222.151	42.36	2.60	54.0	-11.64	AV	226.00	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	1541.200	38.71	-17.74	74.0	-35.29	Peak	341.00	150	Vertical	Pass
1**	1541.200	29.47	-17.74	54.0	-24.53	AV	341.00	150	Vertical	Pass
2	2809.600	44.69	-10.84	74.0	-29.31	Peak	142.00	150	Vertical	Pass
2**	2809.600	34.82	-10.84	54.0	-19.18	AV	142.00	150	Vertical	Pass
3	4295.000	49.36	-4.84	74.0	-24.64	Peak	69.00	150	Vertical	Pass
3**	4295.000	39.60	-4.84	54.0	-14.40	AV	69.00	150	Vertical	Pass
4	5218.800	101.48	-3.47	--	--	Peak	55.00	150	Vertical	N/A
4**	5218.800	94.16	-3.47	--	--	AV	55.00	150	Vertical	N/A
5	7411.700	49.25	-1.87	74.0	-24.75	Peak	134.00	150	Vertical	Pass
5**	7411.700	39.49	-1.87	54.0	-14.51	AV	134.00	150	Vertical	Pass
6	11691.713	51.71	2.37	74.0	-22.29	Peak	216.00	150	Vertical	Pass
6**	11691.713	41.55	2.37	54.0	-12.45	AV	216.00	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	1566.400	39.49	-17.62	74.0	-34.51	Peak	92.00	150	Horizontal	Pass
1**	1566.400	29.24	-17.62	54.0	-24.76	AV	92.00	150	Horizontal	Pass
2	2739.000	45.13	-10.67	74.0	-28.87	Peak	92.00	150	Horizontal	Pass
2**	2739.000	34.66	-10.67	54.0	-19.34	AV	92.00	150	Horizontal	Pass
3	3756.400	47.63	-6.76	74.0	-26.37	Peak	194.00	150	Horizontal	Pass
3**	3756.400	37.52	-6.76	54.0	-16.48	AV	194.00	150	Horizontal	Pass
4	5238.800	107.70	-3.66	--	--	Peak	237.00	150	Horizontal	N/A
4**	5238.800	99.29	-3.66	--	--	AV	237.00	150	Horizontal	N/A
5	7387.262	48.96	-1.73	74.0	-25.04	Peak	282.00	150	Horizontal	Pass
5**	7387.262	39.37	-1.73	54.0	-14.63	AV	282.00	150	Horizontal	Pass
6	12223.300	50.82	2.61	74.0	-23.18	Peak	53.00	150	Horizontal	Pass
6**	12223.300	41.20	2.61	54.0	-12.80	AV	53.00	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	1310.000	39.36	-17.48	74.0	-34.64	Peak	274.00	150	Vertical	Pass
1**	1310.000	30.04	-17.48	54.0	-23.96	AV	274.00	150	Vertical	Pass
2	2856.900	44.77	-10.62	74.0	-29.23	Peak	57.00	150	Vertical	Pass
2**	2856.900	35.52	-10.62	54.0	-18.48	AV	57.00	150	Vertical	Pass
3	3950.800	47.55	-6.11	74.0	-26.45	Peak	127.00	150	Vertical	Pass
3**	3950.800	38.00	-6.11	54.0	-16.00	AV	127.00	150	Vertical	Pass
4	5237.800	99.83	-3.65	--	--	Peak	338.00	150	Vertical	N/A
4**	5237.800	92.72	-3.65	--	--	AV	338.00	150	Vertical	N/A
5	7406.237	49.40	-1.74	74.0	-24.60	Peak	346.00	150	Vertical	Pass
5**	7406.237	40.14	-1.74	54.0	-13.86	AV	346.00	150	Vertical	Pass
6	12256.075	51.95	2.61	74.0	-22.05	Peak	29.00	150	Vertical	Pass
6**	12256.075	41.94	2.61	54.0	-12.06	AV	29.00	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	1485.700	39.65	-17.75	74.0	-34.35	Peak	274.00	150	Horizontal	Pass
1**	1485.700	29.46	-17.75	54.0	-24.54	AV	274.00	150	Horizontal	Pass
2	2830.500	45.16	-10.67	74.0	-28.84	Peak	68.00	150	Horizontal	Pass
2**	2830.500	35.02	-10.67	54.0	-18.98	AV	68.00	150	Horizontal	Pass
3	4005.400	48.25	-5.70	74.0	-25.75	Peak	69.00	150	Horizontal	Pass
3**	4005.400	38.09	-5.70	54.0	-15.91	AV	69.00	150	Horizontal	Pass
4	5179.000	105.61	-3.15	--	--	Peak	244.00	150	Horizontal	N/A
4**	5179.000	98.72	-3.15	--	--	AV	244.00	150	Horizontal	N/A
5	7549.987	48.93	-1.61	74.0	-25.07	Peak	309.00	150	Horizontal	Pass
5**	7549.987	39.68	-1.61	54.0	-14.32	AV	309.00	150	Horizontal	Pass
6	12198.287	51.28	2.53	74.0	-22.72	Peak	282.00	150	Horizontal	Pass
6**	12198.287	41.50	2.53	54.0	-12.50	AV	282.00	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	1373.700	38.98	-17.56	74.0	-35.02	Peak	125.00	150	Vertical	Pass
1**	1373.700	28.83	-17.56	54.0	-25.17	AV	125.00	150	Vertical	Pass
2	2764.400	44.48	-11.17	74.0	-29.52	Peak	24.00	150	Vertical	Pass
2**	2764.400	35.03	-11.17	54.0	-18.97	AV	24.00	150	Vertical	Pass
3	4288.400	49.14	-4.77	74.0	-24.86	Peak	237.00	150	Vertical	Pass
3**	4288.400	39.32	-4.77	54.0	-14.68	AV	237.00	150	Vertical	Pass
4	5178.800	100.55	-3.14	--	--	Peak	18.00	150	Vertical	N/A
4**	5178.800	93.31	-3.14	--	--	AV	18.00	150	Vertical	N/A
5	7434.413	49.12	-2.29	74.0	-24.88	Peak	354.00	150	Vertical	Pass
5**	7434.413	39.40	-2.29	54.0	-14.60	AV	354.00	150	Vertical	Pass
6	11658.651	50.92	2.52	74.0	-23.08	Peak	171.00	150	Vertical	Pass
6**	11658.651	42.39	2.52	54.0	-11.61	AV	171.00	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	1578.900	39.13	-17.52	74.0	-34.87	Peak	276.00	150	Horizontal	Pass
1**	1578.900	30.05	-17.52	54.0	-23.95	AV	276.00	150	Horizontal	Pass
2	2724.000	44.48	-10.80	74.0	-29.52	Peak	187.00	150	Horizontal	Pass
2**	2724.000	35.39	-10.80	54.0	-18.61	AV	187.00	150	Horizontal	Pass
3	4041.600	48.35	-5.38	74.0	-25.65	Peak	309.00	150	Horizontal	Pass
3**	4041.600	38.88	-5.38	54.0	-15.12	AV	309.00	150	Horizontal	Pass
4	5221.000	107.75	-3.42	--	--	Peak	236.00	150	Horizontal	N/A
4**	5221.000	100.25	-3.42	--	--	AV	236.00	150	Horizontal	N/A
5	7393.875	49.09	-1.64	74.0	-24.91	Peak	271.00	150	Horizontal	Pass
5**	7393.875	39.87	-1.64	54.0	-14.13	AV	271.00	150	Horizontal	Pass
6	12235.662	51.67	2.63	74.0	-22.33	Peak	51.00	150	Horizontal	Pass
6**	12235.662	41.84	2.63	54.0	-12.16	AV	51.00	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	1359.500	39.43	-17.59	74.0	-34.57	Peak	329.00	150	Vertical	Pass
1**	1359.500	29.89	-17.59	54.0	-24.11	AV	329.00	150	Vertical	Pass
2	2814.300	44.59	-10.78	74.0	-29.41	Peak	0.00	150	Vertical	Pass
2**	2814.300	35.57	-10.78	54.0	-18.43	AV	0.00	150	Vertical	Pass
3	3940.000	47.95	-6.31	74.0	-26.05	Peak	134.00	150	Vertical	Pass
3**	3940.000	37.76	-6.31	54.0	-16.24	AV	134.00	150	Vertical	Pass
4	5222.600	101.45	-3.45	--	--	Peak	54.00	150	Vertical	N/A
4**	5222.600	92.95	-3.45	--	--	AV	54.00	150	Vertical	N/A
5	7477.250	48.86	-1.96	74.0	-25.14	Peak	181.00	150	Vertical	Pass
5**	7477.250	39.63	-1.96	54.0	-14.37	AV	181.00	150	Vertical	Pass
6	11666.700	50.78	2.49	74.0	-23.22	Peak	254.00	150	Vertical	Pass
6**	11666.700	42.24	2.49	54.0	-11.76	AV	254.00	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	1345.100	39.06	-17.67	74.0	-34.94	Peak	147.00	150	Horizontal	Pass
1**	1345.100	29.35	-17.67	54.0	-24.65	AV	147.00	150	Horizontal	Pass
2	2810.300	44.31	-10.84	74.0	-29.69	Peak	329.00	150	Horizontal	Pass
2**	2810.300	35.83	-10.84	54.0	-18.17	AV	329.00	150	Horizontal	Pass
3	4108.800	48.25	-5.39	74.0	-25.75	Peak	259.00	150	Horizontal	Pass
3**	4108.800	39.00	-5.39	54.0	-15.00	AV	259.00	150	Horizontal	Pass
4	5241.200	107.52	-3.70	--	--	Peak	237.00	150	Horizontal	N/A
4**	5241.200	100.16	-3.70	--	--	AV	237.00	150	Horizontal	N/A
5	7401.062	49.48	-1.63	74.0	-24.52	Peak	53.00	150	Horizontal	Pass
5**	7401.062	40.42	-1.63	54.0	-13.58	AV	53.00	150	Horizontal	Pass
6	11758.987	51.29	1.46	74.0	-22.71	Peak	346.00	150	Horizontal	Pass
6**	11758.987	41.64	1.46	54.0	-12.36	AV	346.00	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	1363.100	38.78	-17.54	74.0	-35.22	Peak	202.00	150	Vertical	Pass
1**	1363.100	29.42	-17.54	54.0	-24.58	AV	202.00	150	Vertical	Pass
2	2764.200	44.72	-11.16	74.0	-29.28	Peak	360.00	150	Vertical	Pass
2**	2764.200	34.58	-11.16	54.0	-19.42	AV	360.00	150	Vertical	Pass
3	4260.600	48.95	-4.71	74.0	-25.05	Peak	0.00	150	Vertical	Pass
3**	4260.600	39.57	-4.71	54.0	-14.43	AV	0.00	150	Vertical	Pass
4	5237.800	99.16	-3.65	--	--	Peak	337.00	150	Vertical	N/A
4**	5237.800	92.27	-3.65	--	--	AV	337.00	150	Vertical	N/A
5	7552.288	49.27	-1.56	74.0	-24.73	Peak	145.00	150	Vertical	Pass
5**	7552.288	39.69	-1.56	54.0	-14.31	AV	145.00	150	Vertical	Pass
6	11702.925	50.92	2.26	74.0	-23.08	Peak	1.00	150	Vertical	Pass
6**	11702.925	42.68	2.26	54.0	-11.32	AV	1.00	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	1491.500	39.47	-17.73	74.0	-34.53	Peak	290.00	150	Horizontal	Pass
1**	1491.500	29.12	-17.73	54.0	-24.88	AV	290.00	150	Horizontal	Pass
2	2802.500	44.89	-11.10	74.0	-29.11	Peak	347.00	150	Horizontal	Pass
2**	2802.500	34.73	-11.10	54.0	-19.27	AV	347.00	150	Horizontal	Pass
3	4007.400	48.40	-5.77	74.0	-25.60	Peak	264.00	150	Horizontal	Pass
3**	4007.400	38.24	-5.77	54.0	-15.76	AV	264.00	150	Horizontal	Pass
4	5192.000	103.39	-3.25	--	--	Peak	242.00	150	Horizontal	N/A
4**	5192.000	95.57	-3.25	--	--	AV	242.00	150	Horizontal	N/A
5	7401.925	49.06	-1.65	74.0	-24.94	Peak	309.00	150	Horizontal	Pass
5**	7401.925	39.75	-1.65	54.0	-14.25	AV	309.00	150	Horizontal	Pass
6	12223.875	51.11	2.61	74.0	-22.89	Peak	181.00	150	Horizontal	Pass
6**	12223.875	41.95	2.61	54.0	-12.05	AV	181.00	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	1331.200	39.13	-17.72	74.0	-34.87	Peak	124.00	150	Vertical	Pass
1**	1331.200	29.40	-17.72	54.0	-24.60	AV	124.00	150	Vertical	Pass
2	2759.700	44.65	-11.05	74.0	-29.35	Peak	24.00	150	Vertical	Pass
2**	2759.700	35.34	-11.05	54.0	-18.66	AV	24.00	150	Vertical	Pass
3	4104.400	49.32	-5.31	74.0	-24.68	Peak	107.00	150	Vertical	Pass
3**	4104.400	41.03	-5.31	54.0	-12.97	AV	107.00	150	Vertical	Pass
4	5186.800	97.92	-3.16	--	--	Peak	55.00	150	Vertical	N/A
4**	5186.800	89.78	-3.16	--	--	AV	55.00	150	Vertical	N/A
5	7394.163	49.03	-1.62	74.0	-24.97	Peak	158.00	150	Vertical	Pass
5**	7394.163	39.48	-1.62	54.0	-14.52	AV	158.00	150	Vertical	Pass
6	11622.713	51.24	2.25	74.0	-22.76	Peak	84.00	150	Vertical	Pass
6**	11622.713	41.79	2.25	54.0	-12.21	AV	84.00	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	1557.900	38.94	-17.71	74.0	-35.06	Peak	174.00	150	Horizontal	Pass
1**	1557.900	29.53	-17.71	54.0	-24.47	AV	174.00	150	Horizontal	Pass
2	2816.700	44.44	-10.65	74.0	-29.56	Peak	358.00	150	Horizontal	Pass
2**	2816.700	35.32	-10.65	54.0	-18.68	AV	358.00	150	Horizontal	Pass
3	4254.200	49.49	-4.71	74.0	-24.51	Peak	316.00	150	Horizontal	Pass
3**	4254.200	39.09	-4.71	54.0	-14.91	AV	316.00	150	Horizontal	Pass
4	5234.200	103.93	-3.63	--	--	Peak	243.00	150	Horizontal	N/A
4**	5234.200	96.28	-3.63	--	--	AV	243.00	150	Horizontal	N/A
5	7404.800	48.73	-1.71	74.0	-25.27	Peak	217.00	150	Horizontal	Pass
5**	7404.800	39.94	-1.71	54.0	-14.06	AV	217.00	150	Horizontal	Pass
6	12248.600	51.02	2.66	74.0	-22.98	Peak	171.00	150	Horizontal	Pass
6**	12248.600	42.11	2.66	54.0	-11.89	AV	171.00	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	1364.700	39.00	-17.51	74.0	-35.00	Peak	74.00	150	Vertical	Pass
1**	1364.700	29.83	-17.51	54.0	-24.17	AV	74.00	150	Vertical	Pass
2	2732.800	44.51	-10.75	74.0	-29.49	Peak	163.00	150	Vertical	Pass
2**	2732.800	34.93	-10.75	54.0	-19.07	AV	163.00	150	Vertical	Pass
3	4177.400	49.50	-4.89	74.0	-24.50	Peak	339.00	150	Vertical	Pass
3**	4177.400	38.99	-4.89	54.0	-15.01	AV	339.00	150	Vertical	Pass
4	5225.600	98.73	-3.48	--	--	Peak	55.00	150	Vertical	N/A
4**	5225.600	90.23	-3.48	--	--	AV	55.00	150	Vertical	N/A
5	7473.512	48.79	-1.98	74.0	-25.21	Peak	115.00	150	Vertical	Pass
5**	7473.512	39.41	-1.98	54.0	-14.59	AV	115.00	150	Vertical	Pass
6	11648.874	51.73	2.54	74.0	-22.27	Peak	197.00	150	Vertical	Pass
6**	11648.874	41.85	2.54	54.0	-12.15	AV	197.00	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	1503.600	38.57	-17.79	74.0	-35.43	Peak	118.00	150	Horizontal	Pass
1**	1503.600	30.54	-17.79	54.0	-23.46	AV	118.00	150	Horizontal	Pass
2	2886.100	45.02	-9.96	74.0	-28.98	Peak	186.00	150	Horizontal	Pass
2**	2886.100	35.02	-9.96	54.0	-18.98	AV	186.00	150	Horizontal	Pass
3	4121.800	48.62	-5.49	74.0	-25.38	Peak	68.00	150	Horizontal	Pass
3**	4121.800	38.36	-5.49	54.0	-15.64	AV	68.00	150	Horizontal	Pass
4	5178.800	105.04	-3.14	--	--	Peak	207.00	150	Horizontal	N/A
4**	5178.800	98.08	-3.14	--	--	AV	207.00	150	Horizontal	N/A
5	7427.800	48.63	-2.17	74.0	-25.37	Peak	281.00	150	Horizontal	Pass
5**	7427.800	39.99	-2.17	54.0	-14.01	AV	281.00	150	Horizontal	Pass
6	11731.675	51.35	1.82	74.0	-22.65	Peak	172.00	150	Horizontal	Pass
6**	11731.675	41.45	1.82	54.0	-12.55	AV	172.00	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	1452.400	39.94	-17.64	74.0	-34.06	Peak	14.00	150	Vertical	Pass
1**	1452.400	29.92	-17.64	54.0	-24.08	AV	14.00	150	Vertical	Pass
2	2713.000	44.47	-11.45	74.0	-29.53	Peak	291.00	150	Vertical	Pass
2**	2713.000	35.88	-11.45	54.0	-18.12	AV	291.00	150	Vertical	Pass
3	4217.200	49.21	-4.78	74.0	-24.79	Peak	360.00	150	Vertical	Pass
3**	4217.200	40.03	-4.78	54.0	-13.97	AV	360.00	150	Vertical	Pass
4	5181.600	99.80	-3.20	--	--	Peak	54.00	150	Vertical	N/A
4**	5181.600	92.34	-3.20	--	--	AV	54.00	150	Vertical	N/A
5	7417.450	49.02	-2.02	74.0	-24.98	Peak	308.00	150	Vertical	Pass
5**	7417.450	40.45	-2.02	54.0	-13.55	AV	308.00	150	Vertical	Pass
6	11627.600	51.47	2.31	74.0	-22.53	Peak	142.00	150	Vertical	Pass
6**	11627.600	41.24	2.31	54.0	-12.76	AV	142.00	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	1496.500	39.14	-17.73	74.0	-34.86	Peak	40.00	150	Horizontal	Pass
1**	1496.500	29.37	-17.73	54.0	-24.63	AV	40.00	150	Horizontal	Pass
2	2791.900	44.21	-11.15	74.0	-29.79	Peak	201.00	150	Horizontal	Pass
2**	2791.900	35.30	-11.15	54.0	-18.70	AV	201.00	150	Horizontal	Pass
3	4327.000	49.68	-4.86	74.0	-24.32	Peak	230.00	150	Horizontal	Pass
3**	4327.000	40.25	-4.86	54.0	-13.75	AV	230.00	150	Horizontal	Pass
4	5221.800	106.23	-3.43	--	--	Peak	238.00	150	Horizontal	N/A
4**	5221.800	98.21	-3.43	--	--	AV	238.00	150	Horizontal	N/A
5	7407.100	49.90	-1.73	74.0	-24.10	Peak	131.00	150	Horizontal	Pass
5**	7407.100	39.92	-1.73	54.0	-14.08	AV	131.00	150	Horizontal	Pass
6	11668.425	51.04	2.48	74.0	-22.96	Peak	168.00	150	Horizontal	Pass
6**	11668.425	41.93	2.48	54.0	-12.07	AV	168.00	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	1346.600	39.00	-17.67	74.0	-35.00	Peak	263.00	150	Vertical	Pass
1**	1346.600	29.69	-17.67	54.0	-24.31	AV	263.00	150	Vertical	Pass
2	2754.200	44.44	-10.87	74.0	-29.56	Peak	9.00	150	Vertical	Pass
2**	2754.200	34.65	-10.87	54.0	-19.35	AV	9.00	150	Vertical	Pass
3	4227.600	48.87	-4.89	74.0	-25.13	Peak	0.00	150	Vertical	Pass
3**	4227.600	39.57	-4.89	54.0	-14.43	AV	0.00	150	Vertical	Pass
4	5218.600	100.40	-3.47	--	--	Peak	55.00	150	Vertical	N/A
4**	5218.600	92.27	-3.47	--	--	AV	55.00	150	Vertical	N/A
5	7403.937	48.98	-1.68	74.0	-25.02	Peak	308.00	150	Vertical	Pass
5**	7403.937	39.97	-1.68	54.0	-14.03	AV	308.00	150	Vertical	Pass
6	11683.375	51.18	2.42	74.0	-22.82	Peak	308.00	150	Vertical	Pass
6**	11683.375	42.58	2.42	54.0	-11.42	AV	308.00	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	1340.900	38.33	-17.76	74.0	-35.67	Peak	182.00	150	Horizontal	Pass
1**	1340.900	29.59	-17.76	54.0	-24.41	AV	182.00	150	Horizontal	Pass
2	2765.000	44.50	-11.19	74.0	-29.50	Peak	290.00	150	Horizontal	Pass
2**	2765.000	34.52	-11.19	54.0	-19.48	AV	290.00	150	Horizontal	Pass
3	3953.800	48.89	-5.90	74.0	-25.11	Peak	332.00	150	Horizontal	Pass
3**	3953.800	38.00	-5.90	54.0	-16.00	AV	332.00	150	Horizontal	Pass
4	5238.600	106.08	-3.65	--	--	Peak	238.00	150	Horizontal	N/A
4**	5238.600	98.69	-3.65	--	--	AV	238.00	150	Horizontal	N/A
5	7553.438	48.81	-1.56	74.0	-25.19	Peak	206.00	150	Horizontal	Pass
5**	7553.438	40.10	-1.56	54.0	-13.90	AV	206.00	150	Horizontal	Pass
6	11602.588	50.98	2.03	74.0	-23.02	Peak	133.00	150	Horizontal	Pass
6**	11602.588	41.39	2.03	54.0	-12.61	AV	133.00	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	1509.400	39.63	-17.81	74.0	-34.37	Peak	58.00	150	Vertical	Pass
1**	1509.400	29.08	-17.81	54.0	-24.92	AV	58.00	150	Vertical	Pass
2	2734.500	44.75	-10.77	74.0	-29.25	Peak	360.00	150	Vertical	Pass
2**	2734.500	35.45	-10.77	54.0	-18.55	AV	360.00	150	Vertical	Pass
3	3774.000	48.29	-5.90	74.0	-25.71	Peak	282.00	150	Vertical	Pass
3**	3774.000	38.37	-5.90	54.0	-15.63	AV	282.00	150	Vertical	Pass
4	5242.400	98.41	-3.72	--	--	Peak	54.00	150	Vertical	N/A
4**	5242.400	91.42	-3.72	--	--	AV	54.00	150	Vertical	N/A
5	7414.000	48.74	-1.88	74.0	-25.26	Peak	346.00	150	Vertical	Pass
5**	7414.000	39.41	-1.88	54.0	-14.59	AV	346.00	150	Vertical	Pass
6	11215.037	50.73	0.31	74.0	-23.27	Peak	0.00	150	Vertical	Pass
6**	11215.037	41.15	0.31	54.0	-12.85	AV	0.00	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	1342.100	39.24	-17.70	74.0	-34.76	Peak	187.00	150	Horizontal	Pass
1**	1342.100	29.26	-17.70	54.0	-24.74	AV	187.00	150	Horizontal	Pass
2	2867.800	44.92	-10.60	74.0	-29.08	Peak	346.00	150	Horizontal	Pass
2**	2867.800	34.99	-10.60	54.0	-19.01	AV	346.00	150	Horizontal	Pass
3	4059.800	49.01	-5.49	74.0	-24.99	Peak	77.00	150	Horizontal	Pass
3**	4059.800	39.14	-5.49	54.0	-14.86	AV	77.00	150	Horizontal	Pass
4	5194.200	102.41	-3.29	--	--	Peak	91.00	150	Horizontal	N/A
4**	5194.200	94.75	-3.29	--	--	AV	91.00	150	Horizontal	N/A
5	7404.513	48.98	-1.70	74.0	-25.02	Peak	162.00	150	Horizontal	Pass
5**	7404.513	40.10	-1.70	54.0	-13.90	AV	162.00	150	Horizontal	Pass
6	12211.512	51.05	2.58	74.0	-22.95	Peak	198.00	150	Horizontal	Pass
6**	12211.512	41.99	2.58	54.0	-12.01	AV	198.00	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	1325.800	38.97	-17.65	74.0	-35.03	Peak	13.00	150	Vertical	Pass
1**	1325.800	28.90	-17.65	54.0	-25.10	AV	13.00	150	Vertical	Pass
2	2813.500	45.07	-10.82	74.0	-28.93	Peak	177.00	150	Vertical	Pass
2**	2813.500	35.22	-10.82	54.0	-18.78	AV	177.00	150	Vertical	Pass
3	4090.000	48.65	-5.03	74.0	-25.35	Peak	253.00	150	Vertical	Pass
3**	4090.000	38.69	-5.03	54.0	-15.31	AV	253.00	150	Vertical	Pass
4	5187.400	96.19	-3.15	--	--	Peak	17.00	150	Vertical	N/A
4**	5187.400	89.57	-3.15	--	--	AV	17.00	150	Vertical	N/A
5	7422.625	48.66	-2.12	74.0	-25.34	Peak	199.00	150	Vertical	Pass
5**	7422.625	39.39	-2.12	54.0	-14.61	AV	199.00	150	Vertical	Pass
6	12208.638	50.79	2.57	74.0	-23.21	Peak	107.00	150	Vertical	Pass
6**	12208.638	42.60	2.57	54.0	-11.40	AV	107.00	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	1569.900	39.15	-17.60	74.0	-34.85	Peak	279.00	150	Horizontal	Pass
1**	1569.900	29.53	-17.60	54.0	-24.47	AV	279.00	150	Horizontal	Pass
2	2762.900	44.63	-11.12	74.0	-29.37	Peak	330.00	150	Horizontal	Pass
2**	2762.900	34.92	-11.12	54.0	-19.08	AV	330.00	150	Horizontal	Pass
3	4006.600	48.44	-5.74	74.0	-25.56	Peak	230.00	150	Horizontal	Pass
3**	4006.600	38.11	-5.74	54.0	-15.89	AV	230.00	150	Horizontal	Pass
4	5227.400	103.29	-3.50	--	--	Peak	237.00	150	Horizontal	N/A
4**	5227.400	95.57	-3.50	--	--	AV	237.00	150	Horizontal	N/A
5	7487.600	49.88	-1.85	74.0	-24.12	Peak	52.00	150	Horizontal	Pass
5**	7487.600	41.37	-1.85	54.0	-12.63	AV	52.00	150	Horizontal	Pass
6	11657.787	51.99	2.52	74.0	-22.01	Peak	245.00	150	Horizontal	Pass
6**	11657.787	42.53	2.52	54.0	-11.47	AV	245.00	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	1544.400	39.32	-17.79	74.0	-34.68	Peak	0.00	150	Vertical	Pass
1**	1544.400	30.27	-17.79	54.0	-23.73	AV	0.00	150	Vertical	Pass
2	2856.700	45.03	-10.63	74.0	-28.97	Peak	39.00	150	Vertical	Pass
2**	2856.700	35.32	-10.63	54.0	-18.68	AV	39.00	150	Vertical	Pass
3	4098.200	48.37	-5.20	74.0	-25.63	Peak	190.00	150	Vertical	Pass
3**	4098.200	39.21	-5.20	54.0	-14.79	AV	190.00	150	Vertical	Pass
4	5227.000	97.53	-3.50	--	--	Peak	55.00	150	Vertical	N/A
4**	5227.000	89.24	-3.50	--	--	AV	55.00	150	Vertical	N/A
5	7448.787	48.70	-2.30	74.0	-25.30	Peak	143.00	150	Vertical	Pass
5**	7448.787	39.08	-2.30	54.0	-14.92	AV	143.00	150	Vertical	Pass
6	11670.150	51.13	2.48	74.0	-22.87	Peak	153.00	150	Vertical	Pass
6**	11670.150	42.44	2.48	54.0	-11.56	AV	153.00	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	1534.400	38.99	-17.81	74.0	-35.01	Peak	349.00	150	Horizontal	Pass
1**	1534.400	29.84	-17.81	54.0	-24.16	AV	349.00	150	Horizontal	Pass
2	2754.800	44.95	-10.87	74.0	-29.05	Peak	287.00	150	Horizontal	Pass
2**	2754.800	35.03	-10.87	54.0	-18.97	AV	287.00	150	Horizontal	Pass
3	4252.000	48.91	-4.72	74.0	-25.09	Peak	325.00	150	Horizontal	Pass
3**	4252.000	40.20	-4.72	54.0	-13.80	AV	325.00	150	Horizontal	Pass
4	5216.000	99.77	-3.41	--	--	Peak	242.00	150	Horizontal	N/A
4**	5216.000	92.02	-3.41	--	--	AV	242.00	150	Horizontal	N/A
5	7492.775	49.00	-1.87	74.0	-25.00	Peak	327.00	150	Horizontal	Pass
5**	7492.775	39.56	-1.87	54.0	-14.44	AV	327.00	150	Horizontal	Pass
6	11743.462	51.37	1.64	74.0	-22.63	Peak	309.00	150	Horizontal	Pass
6**	11743.462	41.23	1.64	54.0	-12.77	AV	309.00	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	1343.200	38.90	-17.65	74.0	-35.10	Peak	227.00	150	Vertical	Pass
1**	1343.200	29.44	-17.65	54.0	-24.56	AV	227.00	150	Vertical	Pass
2	2755.500	44.73	-10.88	74.0	-29.27	Peak	360.00	150	Vertical	Pass
2**	2755.500	36.21	-10.88	54.0	-17.79	AV	360.00	150	Vertical	Pass
3	4127.200	48.32	-5.62	74.0	-25.68	Peak	178.00	150	Vertical	Pass
3**	4127.200	38.24	-5.62	54.0	-15.76	AV	178.00	150	Vertical	Pass
4	5216.600	93.91	-3.41	--	--	Peak	56.00	150	Vertical	N/A
4**	5216.600	85.46	-3.41	--	--	AV	56.00	150	Vertical	N/A
5	7382.950	49.36	-1.73	74.0	-24.64	Peak	345.00	150	Vertical	Pass
5**	7382.950	40.08	-1.73	54.0	-13.92	AV	345.00	150	Vertical	Pass
6	11655.200	51.48	2.54	74.0	-22.52	Peak	360.00	150	Vertical	Pass
6**	11655.200	41.89	2.54	54.0	-12.11	AV	360.00	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	1468.800	38.77	-17.66	74.0	-35.23	Peak	114.00	150	Horizontal	Pass
1**	1468.800	30.16	-17.66	54.0	-23.84	AV	114.00	150	Horizontal	Pass
2	2829.500	44.45	-10.64	74.0	-29.55	Peak	75.00	150	Horizontal	Pass
2**	2829.500	35.26	-10.64	54.0	-18.74	AV	75.00	150	Horizontal	Pass
3	4032.200	48.25	-5.37	74.0	-25.75	Peak	0.00	150	Horizontal	Pass
3**	4032.200	39.09	-5.37	54.0	-14.91	AV	0.00	150	Horizontal	Pass
4	5256.600	107.27	-3.82	--	--	Peak	239.00	150	Horizontal	N/A
4**	5256.600	99.09	-3.82	--	--	AV	239.00	150	Horizontal	N/A
5	7423.775	48.99	-2.11	74.0	-25.01	Peak	116.00	150	Horizontal	Pass
5**	7423.775	39.89	-2.11	54.0	-14.11	AV	116.00	150	Horizontal	Pass
6	11667.849	51.72	2.49	74.0	-22.28	Peak	107.00	150	Horizontal	Pass
6**	11667.849	42.61	2.49	54.0	-11.39	AV	107.00	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	1548.600	38.91	-17.71	74.0	-35.09	Peak	100.00	150	Vertical	Pass
1**	1548.600	29.56	-17.71	54.0	-24.44	AV	100.00	150	Vertical	Pass
2	2738.700	44.66	-10.69	74.0	-29.34	Peak	273.00	150	Vertical	Pass
2**	2738.700	35.67	-10.69	54.0	-18.33	AV	273.00	150	Vertical	Pass
3	4312.000	49.97	-5.00	74.0	-24.03	Peak	85.00	150	Vertical	Pass
3**	4312.000	40.14	-5.00	54.0	-13.86	AV	85.00	150	Vertical	Pass
4	5262.000	101.13	-3.80	--	--	Peak	56.00	150	Vertical	N/A
4**	5262.000	93.02	-3.80	--	--	AV	56.00	150	Vertical	N/A
5	7425.212	49.61	-2.11	74.0	-24.39	Peak	97.00	150	Vertical	Pass
5**	7425.212	40.06	-2.11	54.0	-13.94	AV	97.00	150	Vertical	Pass
6	11734.550	51.56	1.78	74.0	-22.44	Peak	327.00	150	Vertical	Pass
6**	11734.550	42.43	1.78	54.0	-11.57	AV	327.00	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	1177.900	38.47	-18.44	74.0	-35.53	Peak	119.00	150	Horizontal	Pass
1**	1177.900	28.23	-18.44	54.0	-25.77	AV	119.00	150	Horizontal	Pass
2	2735.000	44.69	-10.78	74.0	-29.31	Peak	124.00	150	Horizontal	Pass
2**	2735.000	35.81	-10.78	54.0	-18.19	AV	124.00	150	Horizontal	Pass
3	4120.000	48.31	-5.51	74.0	-25.69	Peak	185.00	150	Horizontal	Pass
3**	4120.000	39.26	-5.51	54.0	-14.74	AV	185.00	150	Horizontal	Pass
4	5298.800	106.65	-3.34	--	--	Peak	244.00	150	Horizontal	N/A
4**	5298.800	99.75	-3.34	--	--	AV	244.00	150	Horizontal	N/A
5	7551.138	48.53	-1.58	74.0	-25.47	Peak	318.00	150	Horizontal	Pass
5**	7551.138	39.94	-1.58	54.0	-14.06	AV	318.00	150	Horizontal	Pass
6	12243.713	50.97	2.65	74.0	-23.03	Peak	244.00	150	Horizontal	Pass
6**	12243.713	42.45	2.65	54.0	-11.55	AV	244.00	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	1343.900	38.95	-17.65	74.0	-35.05	Peak	268.00	150	Vertical	Pass
1**	1343.900	29.44	-17.65	54.0	-24.56	AV	268.00	150	Vertical	Pass
2	2856.700	45.09	-10.63	74.0	-28.91	Peak	124.00	150	Vertical	Pass
2**	2856.700	34.85	-10.63	54.0	-19.15	AV	124.00	150	Vertical	Pass
3	4039.800	48.19	-5.37	74.0	-25.81	Peak	272.00	150	Vertical	Pass
3**	4039.800	38.85	-5.37	54.0	-15.15	AV	272.00	150	Vertical	Pass
4	5298.000	101.36	-3.38	--	--	Peak	352.00	150	Vertical	N/A
4**	5298.000	94.09	-3.38	--	--	AV	352.00	150	Vertical	N/A
5	7429.813	48.75	-2.19	74.0	-25.25	Peak	282.00	150	Vertical	Pass
5**	7429.813	39.43	-2.19	54.0	-14.57	AV	282.00	150	Vertical	Pass
6	11671.875	51.19	2.47	74.0	-22.81	Peak	136.00	150	Vertical	Pass
6**	11671.875	42.27	2.47	54.0	-11.73	AV	136.00	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	1526.400	38.70	-17.74	74.0	-35.30	Peak	58.00	150	Horizontal	Pass
1**	1526.400	29.04	-17.74	54.0	-24.96	AV	58.00	150	Horizontal	Pass
2	2793.800	44.33	-11.20	74.0	-29.67	Peak	101.00	150	Horizontal	Pass
2**	2793.800	35.40	-11.20	54.0	-18.60	AV	101.00	150	Horizontal	Pass
3	4048.600	48.47	-5.42	74.0	-25.53	Peak	360.00	150	Horizontal	Pass
3**	4048.600	39.63	-5.42	54.0	-14.37	AV	360.00	150	Horizontal	Pass
4	5318.600	106.80	-3.27	--	--	Peak	257.00	150	Horizontal	N/A
4**	5318.600	99.38	-3.27	--	--	AV	257.00	150	Horizontal	N/A
5	7499.388	49.06	-1.90	74.0	-24.94	Peak	199.00	150	Horizontal	Pass
5**	7499.388	39.86	-1.90	54.0	-14.14	AV	199.00	150	Horizontal	Pass
6	11677.338	51.78	2.45	74.0	-22.22	Peak	0.00	150	Horizontal	Pass
6**	11677.338	42.45	2.45	54.0	-11.55	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.600	39.22	-17.72	74.0	-34.78	Peak	1.00	150	Vertical	Pass
1**	1489.600	30.09	-17.72	54.0	-23.91	AV	1.00	150	Vertical	Pass
2	2724.500	45.09	-10.77	74.0	-28.91	Peak	69.00	150	Vertical	Pass
2**	2724.500	35.02	-10.77	54.0	-18.98	AV	69.00	150	Vertical	Pass
3	4166.600	48.63	-4.93	74.0	-25.37	Peak	105.00	150	Vertical	Pass
3**	4166.600	39.31	-4.93	54.0	-14.69	AV	105.00	150	Vertical	Pass
4	5318.200	102.09	-3.26	--	--	Peak	55.00	150	Vertical	N/A
4**	5318.200	94.19	-3.26	--	--	AV	55.00	150	Vertical	N/A
5	7541.075	48.76	-1.65	74.0	-25.24	Peak	197.00	150	Vertical	Pass
5**	7541.075	39.48	-1.65	54.0	-14.52	AV	197.00	150	Vertical	Pass
6	11683.375	52.19	2.42	74.0	-21.81	Peak	281.00	150	Vertical	Pass
6**	11683.375	42.54	2.42	54.0	-11.46	AV	281.00	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	1374.900	39.00	-17.57	74.0	-35.00	Peak	68.00	150	Horizontal	Pass
1**	1374.900	28.85	-17.57	54.0	-25.15	AV	68.00	150	Horizontal	Pass
2	2771.400	44.54	-11.22	74.0	-29.46	Peak	113.00	150	Horizontal	Pass
2**	2771.400	34.65	-11.22	54.0	-19.35	AV	113.00	150	Horizontal	Pass
3	3982.400	47.96	-5.96	74.0	-26.04	Peak	18.00	150	Horizontal	Pass
3**	3982.400	38.39	-5.96	54.0	-15.61	AV	18.00	150	Horizontal	Pass
4	5258.200	106.39	-3.82	--	--	Peak	237.00	150	Horizontal	N/A
4**	5258.200	99.40	-3.82	--	--	AV	237.00	150	Horizontal	N/A
5	7395.600	48.97	-1.60	74.0	-25.03	Peak	96.00	150	Horizontal	Pass
5**	7395.600	39.88	-1.60	54.0	-14.12	AV	96.00	150	Horizontal	Pass
6	11651.750	51.04	2.55	74.0	-22.96	Peak	355.00	150	Horizontal	Pass
6**	11651.750	42.12	2.55	54.0	-11.88	AV	355.00	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	1513.600	39.42	-17.80	74.0	-34.58	Peak	330.00	150	Vertical	Pass
1**	1513.600	29.83	-17.80	54.0	-24.17	AV	330.00	150	Vertical	Pass
2	2751.800	44.95	-10.86	74.0	-29.05	Peak	291.00	150	Vertical	Pass
2**	2751.800	35.22	-10.86	54.0	-18.78	AV	291.00	150	Vertical	Pass
3	4242.800	49.79	-4.96	74.0	-24.21	Peak	360.00	150	Vertical	Pass
3**	4242.800	39.89	-4.96	54.0	-14.11	AV	360.00	150	Vertical	Pass
4	5261.200	100.58	-3.81	--	--	Peak	55.00	150	Vertical	N/A
4**	5261.200	92.40	-3.81	--	--	AV	55.00	150	Vertical	N/A
5	7479.550	48.83	-1.95	74.0	-25.17	Peak	106.00	150	Vertical	Pass
5**	7479.550	39.97	-1.95	54.0	-14.03	AV	106.00	150	Vertical	Pass
6	11685.100	50.97	2.42	74.0	-23.03	Peak	13.00	150	Vertical	Pass
6**	11685.100	42.21	2.42	54.0	-11.79	AV	13.00	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	1511.800	38.78	-17.80	74.0	-35.22	Peak	14.00	150	Horizontal	Pass
1**	1511.800	29.23	-17.80	54.0	-24.77	AV	14.00	150	Horizontal	Pass
2	2792.900	44.83	-11.17	74.0	-29.17	Peak	291.00	150	Horizontal	Pass
2**	2792.900	35.25	-11.17	54.0	-18.75	AV	291.00	150	Horizontal	Pass
3	4164.400	48.79	-5.02	74.0	-25.21	Peak	91.00	150	Horizontal	Pass
3**	4164.400	38.95	-5.02	54.0	-15.05	AV	91.00	150	Horizontal	Pass
4	5301.600	106.11	-3.31	--	--	Peak	251.00	150	Horizontal	N/A
4**	5301.600	98.92	-3.31	--	--	AV	251.00	150	Horizontal	N/A
5	7476.388	48.76	-1.95	74.0	-25.24	Peak	253.00	150	Horizontal	Pass
5**	7476.388	40.04	-1.95	54.0	-13.96	AV	253.00	150	Horizontal	Pass
6	11696.026	51.17	2.34	74.0	-22.83	Peak	281.00	150	Horizontal	Pass
6**	11696.026	41.80	2.34	54.0	-12.20	AV	281.00	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	1529.500	38.93	-17.76	74.0	-35.07	Peak	13.00	150	Vertical	Pass
1**	1529.500	29.39	-17.76	54.0	-24.61	AV	13.00	150	Vertical	Pass
2	2837.200	44.53	-10.82	74.0	-29.47	Peak	285.00	150	Vertical	Pass
2**	2837.200	35.16	-10.82	54.0	-18.84	AV	285.00	150	Vertical	Pass
3	4209.000	49.12	-5.06	74.0	-24.88	Peak	280.00	150	Vertical	Pass
3**	4209.000	40.51	-5.06	54.0	-13.49	AV	280.00	150	Vertical	Pass
4	5298.600	101.73	-3.35	--	--	Peak	55.00	150	Vertical	N/A
4**	5298.600	94.19	-3.35	--	--	AV	55.00	150	Vertical	N/A
5	7547.975	49.11	-1.58	74.0	-24.89	Peak	106.00	150	Vertical	Pass
5**	7547.975	39.57	-1.58	54.0	-14.43	AV	106.00	150	Vertical	Pass
6	11677.625	51.05	2.45	74.0	-22.95	Peak	346.00	150	Vertical	Pass
6**	11677.625	41.93	2.45	54.0	-12.07	AV	346.00	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	1532.300	39.60	-17.76	74.0	-34.40	Peak	185.00	150	Horizontal	Pass
1**	1532.300	31.05	-17.76	54.0	-22.95	AV	185.00	150	Horizontal	Pass
2	2746.700	44.70	-10.77	74.0	-29.30	Peak	257.00	150	Horizontal	Pass
2**	2746.700	34.89	-10.77	54.0	-19.11	AV	257.00	150	Horizontal	Pass
3	4136.800	48.85	-5.54	74.0	-25.15	Peak	164.00	150	Horizontal	Pass
3**	4136.800	39.07	-5.54	54.0	-14.93	AV	164.00	150	Horizontal	Pass
4	5321.800	105.58	-3.24	--	--	Peak	252.00	150	Horizontal	N/A
4**	5321.800	98.44	-3.24	--	--	AV	252.00	150	Horizontal	N/A
5	7409.400	49.14	-1.75	74.0	-24.86	Peak	345.00	150	Horizontal	Pass
5**	7409.400	39.97	-1.75	54.0	-14.03	AV	345.00	150	Horizontal	Pass
6	11662.387	50.86	2.51	74.0	-23.14	Peak	89.00	150	Horizontal	Pass
6**	11662.387	42.14	2.51	54.0	-11.86	AV	89.00	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	1568.800	39.41	-17.59	74.0	-34.59	Peak	106.00	150	Vertical	Pass
1**	1568.800	29.92	-17.59	54.0	-24.08	AV	106.00	150	Vertical	Pass
2	2756.900	44.88	-10.91	74.0	-29.12	Peak	123.00	150	Vertical	Pass
2**	2756.900	35.18	-10.91	54.0	-18.82	AV	123.00	150	Vertical	Pass
3	4022.000	48.18	-5.66	74.0	-25.82	Peak	281.00	150	Vertical	Pass
3**	4022.000	38.35	-5.66	54.0	-15.65	AV	281.00	150	Vertical	Pass
4	5321.000	102.06	-3.24	--	--	Peak	55.00	150	Vertical	N/A
4**	5321.000	93.98	-3.24	--	--	AV	55.00	150	Vertical	N/A
5	7474.950	49.77	-1.96	74.0	-24.23	Peak	207.00	150	Vertical	Pass
5**	7474.950	40.52	-1.96	54.0	-13.48	AV	207.00	150	Vertical	Pass
6	11729.950	51.23	1.85	74.0	-22.77	Peak	132.00	150	Vertical	Pass
6**	11729.950	41.01	1.85	54.0	-12.99	AV	132.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1560.400	40.09	-17.62	74.0	-33.91	Peak	140.00	150	Horizontal	Pass
1**	1560.400	29.36	-17.62	54.0	-24.64	AV	140.00	150	Horizontal	Pass
2	2812.100	44.57	-10.82	74.0	-29.43	Peak	21.00	150	Horizontal	Pass
2**	2812.100	35.76	-10.82	54.0	-18.24	AV	21.00	150	Horizontal	Pass
3	3872.800	47.37	-6.46	74.0	-26.63	Peak	360.00	150	Horizontal	Pass
3**	3872.800	38.38	-6.46	54.0	-15.62	AV	360.00	150	Horizontal	Pass
4	5267.200	104.94	-3.77	--	--	Peak	238.00	150	Horizontal	N/A
4**	5267.200	96.90	-3.77	--	--	AV	238.00	150	Horizontal	N/A
5	7401.925	48.67	-1.65	74.0	-25.33	Peak	207.00	150	Horizontal	Pass
5**	7401.925	41.50	-1.65	54.0	-12.50	AV	207.00	150	Horizontal	Pass
6	11648.300	51.26	2.54	74.0	-22.74	Peak	32.00	150	Horizontal	Pass
6**	11648.300	42.07	2.54	54.0	-11.93	AV	32.00	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	1513.600	38.78	-17.80	74.0	-35.22	Peak	147.00	150	Vertical	Pass
1**	1513.600	29.80	-17.80	54.0	-24.20	AV	147.00	150	Vertical	Pass
2	2802.300	44.30	-11.10	74.0	-29.70	Peak	90.00	150	Vertical	Pass
2**	2802.300	34.72	-11.10	54.0	-19.28	AV	90.00	150	Vertical	Pass
3	4231.200	48.92	-5.01	74.0	-25.08	Peak	99.00	150	Vertical	Pass
3**	4231.200	39.73	-5.01	54.0	-14.27	AV	99.00	150	Vertical	Pass
4	5272.200	99.31	-3.65	--	--	Peak	55.00	150	Vertical	N/A
4**	5272.200	91.62	-3.65	--	--	AV	55.00	150	Vertical	N/A
5	7402.500	49.39	-1.65	74.0	-24.61	Peak	171.00	150	Vertical	Pass
5**	7402.500	40.82	-1.65	54.0	-13.18	AV	171.00	150	Vertical	Pass
6	11758.412	51.16	1.46	74.0	-22.84	Peak	161.00	150	Vertical	Pass
6**	11758.412	42.03	1.46	54.0	-11.97	AV	161.00	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	1601.400	39.25	-17.75	74.0	-34.75	Peak	152.00	150	Horizontal	Pass
1**	1601.400	30.67	-17.75	54.0	-23.33	AV	152.00	150	Horizontal	Pass
2	2751.600	44.76	-10.86	74.0	-29.24	Peak	164.00	150	Horizontal	Pass
2**	2751.600	35.04	-10.86	54.0	-18.96	AV	164.00	150	Horizontal	Pass
3	4187.600	48.82	-5.19	74.0	-25.18	Peak	120.00	150	Horizontal	Pass
3**	4187.600	39.80	-5.19	54.0	-14.20	AV	120.00	150	Horizontal	Pass
4	5307.600	103.86	-3.29	--	--	Peak	253.00	150	Horizontal	N/A
4**	5307.600	95.36	-3.29	--	--	AV	253.00	150	Horizontal	N/A
5	7400.487	49.12	-1.62	74.0	-24.88	Peak	360.00	150	Horizontal	Pass
5**	7400.487	40.36	-1.62	54.0	-13.64	AV	360.00	150	Horizontal	Pass
6	11667.276	51.35	2.49	74.0	-22.65	Peak	0.00	150	Horizontal	Pass
6**	11667.276	42.83	2.49	54.0	-11.17	AV	0.00	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	1460.700	39.74	-17.69	74.0	-34.26	Peak	1.00	150	Vertical	Pass
1**	1460.700	29.60	-17.69	54.0	-24.40	AV	1.00	150	Vertical	Pass
2	2863.100	45.50	-10.60	74.0	-28.50	Peak	96.00	150	Vertical	Pass
2**	2863.100	35.47	-10.60	54.0	-18.53	AV	96.00	150	Vertical	Pass
3	4043.200	47.98	-5.39	74.0	-26.02	Peak	283.00	150	Vertical	Pass
3**	4043.200	38.79	-5.39	54.0	-15.21	AV	283.00	150	Vertical	Pass
4	5304.400	98.88	-3.23	--	--	Peak	356.00	150	Vertical	N/A
4**	5304.400	90.65	-3.23	--	--	AV	356.00	150	Vertical	N/A
5	7390.425	49.35	-1.73	74.0	-24.65	Peak	136.00	150	Vertical	Pass
5**	7390.425	39.98	-1.73	54.0	-14.02	AV	136.00	150	Vertical	Pass
6	11775.950	50.83	1.29	74.0	-23.17	Peak	71.00	150	Vertical	Pass
6**	11775.950	41.54	1.29	54.0	-12.46	AV	71.00	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	1363.300	38.79	-17.53	74.0	-35.21	Peak	302.00	150	Horizontal	Pass
1**	1363.300	29.24	-17.53	54.0	-24.76	AV	302.00	150	Horizontal	Pass
2	2744.400	44.41	-10.70	74.0	-29.59	Peak	279.00	150	Horizontal	Pass
2**	2744.400	35.13	-10.70	54.0	-18.87	AV	279.00	150	Horizontal	Pass
3	4261.400	49.02	-4.74	74.0	-24.98	Peak	256.00	150	Horizontal	Pass
3**	4261.400	39.34	-4.74	54.0	-14.66	AV	256.00	150	Horizontal	Pass
4	5258.600	106.14	-3.82	--	--	Peak	206.00	150	Horizontal	N/A
4**	5258.600	98.87	-3.82	--	--	AV	206.00	150	Horizontal	N/A
5	7406.525	49.40	-1.74	74.0	-24.60	Peak	144.00	150	Horizontal	Pass
5**	7406.525	40.34	-1.74	54.0	-13.66	AV	144.00	150	Horizontal	Pass
6	11556.588	51.34	1.54	74.0	-22.66	Peak	144.00	150	Horizontal	Pass
6**	11556.588	40.66	1.54	54.0	-13.34	AV	144.00	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	1520.700	39.25	-17.70	74.0	-34.75	Peak	59.00	150	Vertical	Pass
1**	1520.700	29.48	-17.70	54.0	-24.52	AV	59.00	150	Vertical	Pass
2	2817.000	44.62	-10.64	74.0	-29.38	Peak	37.00	150	Vertical	Pass
2**	2817.000	35.42	-10.64	54.0	-18.58	AV	37.00	150	Vertical	Pass
3	4125.600	48.62	-5.61	74.0	-25.38	Peak	169.00	150	Vertical	Pass
3**	4125.600	38.95	-5.61	54.0	-15.05	AV	169.00	150	Vertical	Pass
4	5259.000	99.65	-3.81	--	--	Peak	343.00	150	Vertical	N/A
4**	5259.000	92.67	-3.81	--	--	AV	343.00	150	Vertical	N/A
5	7488.175	48.95	-1.85	74.0	-25.05	Peak	300.00	150	Vertical	Pass
5**	7488.175	40.12	-1.85	54.0	-13.88	AV	300.00	150	Vertical	Pass
6	11650.025	51.38	2.56	74.0	-22.62	Peak	200.00	150	Vertical	Pass
6**	11650.025	42.28	2.56	54.0	-11.72	AV	200.00	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	1387.400	38.90	-17.45	74.0	-35.10	Peak	0.00	150	Horizontal	Pass
1**	1387.400	29.95	-17.45	54.0	-24.05	AV	0.00	150	Horizontal	Pass
2	2790.600	45.22	-11.11	74.0	-28.78	Peak	248.00	150	Horizontal	Pass
2**	2790.600	34.80	-11.11	54.0	-19.20	AV	248.00	150	Horizontal	Pass
3	4129.200	49.56	-5.61	74.0	-24.44	Peak	49.00	150	Horizontal	Pass
3**	4129.200	38.30	-5.61	54.0	-15.70	AV	49.00	150	Horizontal	Pass
4	5298.800	106.30	-3.34	--	--	Peak	238.00	150	Horizontal	N/A
4**	5298.800	98.96	-3.34	--	--	AV	238.00	150	Horizontal	N/A
5	7375.187	49.14	-1.77	74.0	-24.86	Peak	80.00	150	Horizontal	Pass
5**	7375.187	39.43	-1.77	54.0	-14.57	AV	80.00	150	Horizontal	Pass
6	12227.325	50.67	2.61	74.0	-23.33	Peak	53.00	150	Horizontal	Pass
6**	12227.325	41.63	2.61	54.0	-12.37	AV	53.00	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	1561.000	39.18	-17.64	74.0	-34.82	Peak	270.00	150	Vertical	Pass
1**	1561.000	29.79	-17.64	54.0	-24.21	AV	270.00	150	Vertical	Pass
2	2806.700	45.19	-10.97	74.0	-28.81	Peak	270.00	150	Vertical	Pass
2**	2806.700	35.14	-10.97	54.0	-18.86	AV	270.00	150	Vertical	Pass
3	3985.600	48.12	-5.94	74.0	-25.88	Peak	317.00	150	Vertical	Pass
3**	3985.600	38.01	-5.94	54.0	-15.99	AV	317.00	150	Vertical	Pass
4	5301.000	101.64	-3.30	--	--	Peak	352.00	150	Vertical	N/A
4**	5301.000	93.85	-3.30	--	--	AV	352.00	150	Vertical	N/A
5	7543.375	49.07	-1.63	74.0	-24.93	Peak	227.00	150	Vertical	Pass
5**	7543.375	39.70	-1.63	54.0	-14.30	AV	227.00	150	Vertical	Pass
6	12244.575	51.25	2.65	74.0	-22.75	Peak	291.00	150	Vertical	Pass
6**	12244.575	41.77	2.65	54.0	-12.23	AV	291.00	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	1387.200	39.62	-17.45	74.0	-34.38	Peak	269.00	150	Horizontal	Pass
1**	1387.200	29.45	-17.45	54.0	-24.55	AV	269.00	150	Horizontal	Pass
2	2824.500	45.12	-10.51	74.0	-28.88	Peak	148.00	150	Horizontal	Pass
2**	2824.500	35.61	-10.51	54.0	-18.39	AV	148.00	150	Horizontal	Pass
3	3737.600	49.03	-6.66	74.0	-24.97	Peak	70.00	150	Horizontal	Pass
3**	3737.600	38.47	-6.66	54.0	-15.53	AV	70.00	150	Horizontal	Pass
4	5318.800	105.32	-3.28	--	--	Peak	251.00	150	Horizontal	N/A
4**	5318.800	97.48	-3.28	--	--	AV	251.00	150	Horizontal	N/A
5	7402.788	49.35	-1.66	74.0	-24.65	Peak	189.00	150	Horizontal	Pass
5**	7402.788	40.58	-1.66	54.0	-13.42	AV	189.00	150	Horizontal	Pass
6	11652.612	51.51	2.55	74.0	-22.49	Peak	125.00	150	Horizontal	Pass
6**	11652.612	41.79	2.55	54.0	-12.21	AV	125.00	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	1556.500	39.21	-17.75	74.0	-34.79	Peak	70.00	150	Vertical	Pass
1**	1556.500	29.65	-17.75	54.0	-24.35	AV	70.00	150	Vertical	Pass
2	2729.900	44.67	-10.68	74.0	-29.33	Peak	197.00	150	Vertical	Pass
2**	2729.900	35.52	-10.68	54.0	-18.48	AV	197.00	150	Vertical	Pass
3	4059.600	48.50	-5.49	74.0	-25.50	Peak	91.00	150	Vertical	Pass
3**	4059.600	38.62	-5.49	54.0	-15.38	AV	91.00	150	Vertical	Pass
4	5317.000	100.20	-3.21	--	--	Peak	353.00	150	Vertical	N/A
4**	5317.000	93.22	-3.21	--	--	AV	353.00	150	Vertical	N/A
5	7491.337	49.95	-1.83	74.0	-24.05	Peak	264.00	150	Vertical	Pass
5**	7491.337	39.94	-1.83	54.0	-14.06	AV	264.00	150	Vertical	Pass
6	12248.025	51.29	2.66	74.0	-22.71	Peak	291.00	150	Vertical	Pass
6**	12248.025	41.07	2.66	54.0	-12.93	AV	291.00	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	1513.700	38.96	-17.80	74.0	-35.04	Peak	203.00	150	Horizontal	Pass
1**	1513.700	29.42	-17.80	54.0	-24.58	AV	203.00	150	Horizontal	Pass
2	2737.900	45.24	-10.72	74.0	-28.76	Peak	236.00	150	Horizontal	Pass
2**	2737.900	36.55	-10.72	54.0	-17.45	AV	236.00	150	Horizontal	Pass
3	3759.000	47.76	-6.70	74.0	-26.24	Peak	85.00	150	Horizontal	Pass
3**	3759.000	37.77	-6.70	54.0	-16.23	AV	85.00	150	Horizontal	Pass
4	5271.400	104.65	-3.66	--	--	Peak	237.00	150	Horizontal	N/A
4**	5271.400	96.12	-3.66	--	--	AV	237.00	150	Horizontal	N/A
5	7390.425	49.19	-1.73	74.0	-24.81	Peak	227.00	150	Horizontal	Pass
5**	7390.425	40.05	-1.73	54.0	-13.95	AV	227.00	150	Horizontal	Pass
6	11681.362	51.46	2.43	74.0	-22.54	Peak	72.00	150	Horizontal	Pass
6**	11681.362	42.05	2.43	54.0	-11.95	AV	72.00	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	1341.100	39.10	-17.75	74.0	-34.90	Peak	152.00	150	Vertical	Pass
1**	1341.100	29.74	-17.75	54.0	-24.26	AV	152.00	150	Vertical	Pass
2	2702.600	45.20	-11.56	74.0	-28.80	Peak	75.00	150	Vertical	Pass
2**	2702.600	34.67	-11.56	54.0	-19.33	AV	75.00	150	Vertical	Pass
3	3797.400	48.03	-5.71	74.0	-25.97	Peak	207.00	150	Vertical	Pass
3**	3797.400	38.09	-5.71	54.0	-15.91	AV	207.00	150	Vertical	Pass
4	5272.000	97.18	-3.65	--	--	Peak	339.00	150	Vertical	N/A
4**	5272.000	89.68	-3.65	--	--	AV	339.00	150	Vertical	N/A
5	7467.763	48.84	-2.09	74.0	-25.16	Peak	208.00	150	Vertical	Pass
5**	7467.763	40.34	-2.09	54.0	-13.66	AV	208.00	150	Vertical	Pass
6	11661.237	50.98	2.51	74.0	-23.02	Peak	217.00	150	Vertical	Pass
6**	11661.237	41.76	2.51	54.0	-12.24	AV	217.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1564.700	38.94	-17.63	74.0	-35.06	Peak	157.00	150	Horizontal	Pass
1**	1564.700	29.52	-17.63	54.0	-24.48	AV	157.00	150	Horizontal	Pass
2	2779.400	44.68	-11.18	74.0	-29.32	Peak	15.00	150	Horizontal	Pass
2**	2779.400	35.92	-11.18	54.0	-18.08	AV	15.00	150	Horizontal	Pass
3	4071.000	48.57	-5.37	74.0	-25.43	Peak	351.00	150	Horizontal	Pass
3**	4071.000	39.13	-5.37	54.0	-14.87	AV	351.00	150	Horizontal	Pass
4	5313.400	102.80	-3.25	--	--	Peak	256.00	150	Horizontal	N/A
4**	5313.400	94.75	-3.25	--	--	AV	256.00	150	Horizontal	N/A
5	7426.362	49.97	-2.12	74.0	-24.03	Peak	344.00	150	Horizontal	Pass
5**	7426.362	39.88	-2.12	54.0	-14.12	AV	344.00	150	Horizontal	Pass
6	11657.787	51.06	2.52	74.0	-22.94	Peak	354.00	150	Horizontal	Pass
6**	11657.787	42.09	2.52	54.0	-11.91	AV	354.00	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	1340.400	38.63	-17.76	74.0	-35.37	Peak	318.00	150	Vertical	Pass
1**	1340.400	29.15	-17.76	54.0	-24.85	AV	318.00	150	Vertical	Pass
2	2825.600	44.82	-10.49	74.0	-29.18	Peak	236.00	150	Vertical	Pass
2**	2825.600	34.86	-10.49	54.0	-19.14	AV	236.00	150	Vertical	Pass
3	4263.800	49.46	-4.81	74.0	-24.54	Peak	200.00	150	Vertical	Pass
3**	4263.800	39.46	-4.81	54.0	-14.54	AV	200.00	150	Vertical	Pass
4	5312.800	98.23	-3.26	--	--	Peak	352.00	150	Vertical	N/A
4**	5312.800	90.17	-3.26	--	--	AV	352.00	150	Vertical	N/A
5	7548.263	49.50	-1.59	74.0	-24.50	Peak	115.00	150	Vertical	Pass
5**	7548.263	40.10	-1.59	54.0	-13.90	AV	115.00	150	Vertical	Pass
6	11707.237	51.30	2.19	74.0	-22.70	Peak	79.00	150	Vertical	Pass
6**	11707.237	41.53	2.19	54.0	-12.47	AV	79.00	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	1481.900	38.95	-17.75	74.0	-35.05	Peak	241.00	150	Horizontal	Pass
1**	1481.900	29.00	-17.75	54.0	-25.00	AV	241.00	150	Horizontal	Pass
2	2819.500	44.76	-10.63	74.0	-29.24	Peak	101.00	150	Horizontal	Pass
2**	2819.500	35.22	-10.63	54.0	-18.78	AV	101.00	150	Horizontal	Pass
3	4163.600	48.76	-5.06	74.0	-25.24	Peak	91.00	150	Horizontal	Pass
3**	4163.600	39.86	-5.06	54.0	-14.14	AV	91.00	150	Horizontal	Pass
4	5283.600	100.52	-3.51	--	--	Peak	236.00	150	Horizontal	N/A
4**	5283.600	92.08	-3.51	--	--	AV	236.00	150	Horizontal	N/A
5	7553.150	49.12	-1.56	74.0	-24.88	Peak	24.00	150	Horizontal	Pass
5**	7553.150	40.62	-1.56	54.0	-13.38	AV	24.00	150	Horizontal	Pass
6	11618.975	51.38	2.21	74.0	-22.62	Peak	171.00	150	Horizontal	Pass
6**	11618.975	41.60	2.21	54.0	-12.40	AV	171.00	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	1544.700	39.28	-17.80	74.0	-34.72	Peak	261.00	150	Vertical	Pass
1**	1544.700	29.10	-17.80	54.0	-24.90	AV	261.00	150	Vertical	Pass
2	2756.500	44.87	-10.90	74.0	-29.13	Peak	340.00	150	Vertical	Pass
2**	2756.500	35.19	-10.90	54.0	-18.81	AV	340.00	150	Vertical	Pass
3	4253.000	48.79	-4.72	74.0	-25.21	Peak	0.00	150	Vertical	Pass
3**	4253.000	39.62	-4.72	54.0	-14.38	AV	0.00	150	Vertical	Pass
4	5296.800	95.48	-3.38	--	--	Peak	54.00	150	Vertical	N/A
4**	5296.800	87.82	-3.38	--	--	AV	54.00	150	Vertical	N/A
5	7409.688	48.84	-1.76	74.0	-25.16	Peak	112.00	150	Vertical	Pass
5**	7409.688	40.14	-1.76	54.0	-13.86	AV	112.00	150	Vertical	Pass
6	12231.349	51.45	2.62	74.0	-22.55	Peak	84.00	150	Vertical	Pass
6**	12231.349	41.88	2.62	54.0	-12.12	AV	84.00	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	1529.300	38.84	-17.76	74.0	-35.16	Peak	286.00	150	Horizontal	Pass
1**	1529.300	30.78	-17.76	54.0	-23.22	AV	286.00	150	Horizontal	Pass
2	2768.800	44.43	-11.21	74.0	-29.57	Peak	108.00	150	Horizontal	Pass
2**	2768.800	35.28	-11.21	54.0	-18.72	AV	108.00	150	Horizontal	Pass
3	4054.800	49.54	-5.48	74.0	-24.46	Peak	273.00	150	Horizontal	Pass
3**	4054.800	38.45	-5.48	54.0	-15.55	AV	273.00	150	Horizontal	Pass
4	5497.200	103.85	-2.80	--	--	Peak	317.00	150	Horizontal	N/A
4**	5497.200	95.62	-2.80	--	--	AV	317.00	150	Horizontal	N/A
5	7389.275	49.29	-1.74	74.0	-24.71	Peak	360.00	150	Horizontal	Pass
5**	7389.275	40.07	-1.74	54.0	-13.93	AV	360.00	150	Horizontal	Pass
6	11669.287	51.61	2.48	74.0	-22.39	Peak	97.00	150	Horizontal	Pass
6**	11669.287	42.24	2.48	54.0	-11.76	AV	97.00	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	1537.000	39.17	-17.67	74.0	-34.83	Peak	119.00	150	Vertical	Pass
1**	1537.000	30.00	-17.67	54.0	-24.00	AV	119.00	150	Vertical	Pass
2	2859.900	45.17	-10.55	74.0	-28.83	Peak	341.00	150	Vertical	Pass
2**	2859.900	35.07	-10.55	54.0	-18.93	AV	341.00	150	Vertical	Pass
3	4176.400	49.06	-4.86	74.0	-24.94	Peak	294.00	150	Vertical	Pass
3**	4176.400	39.95	-4.86	54.0	-14.05	AV	294.00	150	Vertical	Pass
4	5498.800	100.94	-2.82	--	--	Peak	113.00	150	Vertical	N/A
4**	5498.800	93.42	-2.82	--	--	AV	113.00	150	Vertical	N/A
5	7409.688	50.09	-1.76	74.0	-23.91	Peak	272.00	150	Vertical	Pass
5**	7409.688	40.20	-1.76	54.0	-13.80	AV	272.00	150	Vertical	Pass
6	12230.487	51.58	2.62	74.0	-22.42	Peak	360.00	150	Vertical	Pass
6**	12230.487	42.02	2.62	54.0	-11.98	AV	360.00	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	1382.600	39.53	-17.52	74.0	-34.47	Peak	346.00	150	Horizontal	Pass
1**	1382.600	30.33	-17.52	54.0	-23.67	AV	346.00	150	Horizontal	Pass
2	2723.800	45.08	-10.82	74.0	-28.92	Peak	86.00	150	Horizontal	Pass
2**	2723.800	35.50	-10.82	54.0	-18.50	AV	86.00	150	Horizontal	Pass
3	4055.400	48.21	-5.47	74.0	-25.79	Peak	258.00	150	Horizontal	Pass
3**	4055.400	38.72	-5.47	54.0	-15.28	AV	258.00	150	Horizontal	Pass
4	5577.000	100.74	-3.17	--	--	Peak	251.00	150	Horizontal	N/A
4**	5577.000	92.99	-3.17	--	--	AV	251.00	150	Horizontal	N/A
5	7480.125	48.91	-1.94	74.0	-25.09	Peak	23.00	150	Horizontal	Pass
5**	7480.125	39.14	-1.94	54.0	-14.86	AV	23.00	150	Horizontal	Pass
6	11666.700	52.20	2.49	74.0	-21.80	Peak	272.00	150	Horizontal	Pass
6**	11666.700	41.99	2.49	54.0	-12.01	AV	272.00	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	1343.200	39.17	-17.65	74.0	-34.83	Peak	325.00	150	Vertical	Pass
1**	1343.200	29.84	-17.65	54.0	-24.16	AV	325.00	150	Vertical	Pass
2	2729.100	44.77	-10.68	74.0	-29.23	Peak	336.00	150	Vertical	Pass
2**	2729.100	34.81	-10.68	54.0	-19.19	AV	336.00	150	Vertical	Pass
3	4013.800	48.66	-5.78	74.0	-25.34	Peak	0.00	150	Vertical	Pass
3**	4013.800	38.83	-5.78	54.0	-15.17	AV	0.00	150	Vertical	Pass
4	5578.600	99.24	-3.15	--	--	Peak	171.00	150	Vertical	N/A
4**	5578.600	91.21	-3.15	--	--	AV	171.00	150	Vertical	N/A
5	7405.087	50.15	-1.72	74.0	-23.85	Peak	172.00	150	Vertical	Pass
5**	7405.087	40.13	-1.72	54.0	-13.87	AV	172.00	150	Vertical	Pass
6	11736.563	51.37	1.75	74.0	-22.63	Peak	236.00	150	Vertical	Pass
6**	11736.563	41.73	1.75	54.0	-12.27	AV	236.00	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	1552.400	39.07	-17.68	74.0	-34.93	Peak	1.00	150	Horizontal	Pass
1**	1552.400	29.18	-17.68	54.0	-24.82	AV	1.00	150	Horizontal	Pass
2	2837.500	44.96	-10.81	74.0	-29.04	Peak	301.00	150	Horizontal	Pass
2**	2837.500	34.89	-10.81	54.0	-19.11	AV	301.00	150	Horizontal	Pass
3	4175.800	48.78	-4.84	74.0	-25.22	Peak	353.00	150	Horizontal	Pass
3**	4175.800	40.45	-4.84	54.0	-13.55	AV	353.00	150	Horizontal	Pass
4	5698.800	98.18	-3.93	--	--	Peak	251.00	150	Horizontal	N/A
4**	5698.800	90.96	-3.93	--	--	AV	251.00	150	Horizontal	N/A
5	7405.663	49.40	-1.74	74.0	-24.60	Peak	263.00	150	Horizontal	Pass
5**	7405.663	40.37	-1.74	54.0	-13.63	AV	263.00	150	Horizontal	Pass
6	11704.937	51.25	2.23	74.0	-22.75	Peak	207.00	150	Horizontal	Pass
6**	11704.937	41.79	2.23	54.0	-12.21	AV	207.00	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	1353.500	39.13	-17.59	74.0	-34.87	Peak	281.00	150	Vertical	Pass
1**	1353.500	29.15	-17.59	54.0	-24.85	AV	281.00	150	Vertical	Pass
2	2713.600	44.59	-11.44	74.0	-29.41	Peak	225.00	150	Vertical	Pass
2**	2713.600	34.52	-11.44	54.0	-19.48	AV	225.00	150	Vertical	Pass
3	4042.800	48.18	-5.39	74.0	-25.82	Peak	289.00	150	Vertical	Pass
3**	4042.800	38.54	-5.39	54.0	-15.46	AV	289.00	150	Vertical	Pass
4	5697.200	94.44	-3.93	--	--	Peak	158.00	150	Vertical	N/A
4**	5697.200	86.65	-3.93	--	--	AV	158.00	150	Vertical	N/A
5	7442.750	48.68	-2.36	74.0	-25.32	Peak	354.00	150	Vertical	Pass
5**	7442.750	39.66	-2.36	54.0	-14.34	AV	354.00	150	Vertical	Pass
6	11687.400	51.19	2.41	74.0	-22.81	Peak	299.00	150	Vertical	Pass
6**	11687.400	42.37	2.41	54.0	-11.63	AV	299.00	150	Vertical	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, 144 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	1365.200	39.02	-17.53	74.0	-34.98	Peak	80.00	150	Horizontal	Pass
1**	1365.200	29.15	-17.53	54.0	-24.85	AV	80.00	150	Horizontal	Pass
2	2804.200	44.99	-11.07	74.0	-29.01	Peak	175.00	150	Horizontal	Pass
2**	2804.200	35.21	-11.07	54.0	-18.79	AV	175.00	150	Horizontal	Pass
3	4048.800	48.25	-5.42	74.0	-25.75	Peak	274.00	150	Horizontal	Pass
3**	4048.800	38.68	-5.42	54.0	-15.32	AV	274.00	150	Horizontal	Pass
4	5721.800	96.97	-3.67	--	--	Peak	252.00	150	Horizontal	N/A
4**	5721.800	88.97	-3.67	--	--	AV	252.00	150	Horizontal	N/A
5	7397.900	49.13	-1.64	74.0	-24.87	Peak	345.00	150	Horizontal	Pass
5**	7397.900	39.55	-1.64	54.0	-14.45	AV	345.00	150	Horizontal	Pass
6	11615.813	51.34	2.18	74.0	-22.66	Peak	226.00	150	Horizontal	Pass
6**	11615.813	42.06	2.18	54.0	-11.94	AV	226.00	150	Horizontal	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, 144 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	1446.900	40.13	-17.62	74.0	-33.87	Peak	360.00	150	Vertical	Pass
1**	1446.900	30.88	-17.62	54.0	-23.12	AV	360.00	150	Vertical	Pass
2	2866.800	45.35	-10.60	74.0	-28.65	Peak	30.00	150	Vertical	Pass
2**	2866.800	35.57	-10.60	54.0	-18.43	AV	30.00	150	Vertical	Pass
3	4014.800	48.66	-5.77	74.0	-25.34	Peak	360.00	150	Vertical	Pass
3**	4014.800	38.47	-5.77	54.0	-15.53	AV	360.00	150	Vertical	Pass
4	5718.600	93.87	-3.76	--	--	Peak	143.00	150	Vertical	N/A
4**	5718.600	86.66	-3.76	--	--	AV	143.00	150	Vertical	N/A
5	7411.412	49.42	-1.85	74.0	-24.58	Peak	0.00	150	Vertical	Pass
5**	7411.412	40.33	-1.85	54.0	-13.67	AV	0.00	150	Vertical	Pass
6	11681.651	51.18	2.43	74.0	-22.82	Peak	43.00	150	Vertical	Pass
6**	11681.651	42.15	2.43	54.0	-11.85	AV	43.00	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	1448.500	39.68	-17.66	74.0	-34.32	Peak	329.00	150	Horizontal	Pass
1**	1448.500	29.60	-17.66	54.0	-24.40	AV	329.00	150	Horizontal	Pass
2	2851.200	44.79	-10.71	74.0	-29.21	Peak	198.00	150	Horizontal	Pass
2**	2851.200	35.64	-10.71	54.0	-18.36	AV	198.00	150	Horizontal	Pass
3	4172.400	48.57	-4.91	74.0	-25.43	Peak	4.00	150	Horizontal	Pass
3**	4172.400	39.96	-4.91	54.0	-14.04	AV	4.00	150	Horizontal	Pass
4	5498.800	103.02	-2.82	--	--	Peak	317.00	150	Horizontal	N/A
4**	5498.800	95.80	-2.82	--	--	AV	317.00	150	Horizontal	N/A
5	7372.888	48.93	-1.80	74.0	-25.07	Peak	89.00	150	Horizontal	Pass
5**	7372.888	39.77	-1.80	54.0	-14.23	AV	89.00	150	Horizontal	Pass
6	11618.400	51.48	2.21	74.0	-22.52	Peak	226.00	150	Horizontal	Pass
6**	11618.400	42.41	2.21	54.0	-11.59	AV	226.00	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	1527.800	39.29	-17.73	74.0	-34.71	Peak	230.00	150	Vertical	Pass
1**	1527.800	29.61	-17.73	54.0	-24.39	AV	230.00	150	Vertical	Pass
2	2725.200	45.04	-10.76	74.0	-28.96	Peak	346.00	150	Vertical	Pass
2**	2725.200	35.36	-10.76	54.0	-18.64	AV	346.00	150	Vertical	Pass
3	4788.800	50.69	-3.68	74.0	-23.31	Peak	85.00	150	Vertical	Pass
3**	4788.800	40.48	-3.68	54.0	-13.52	AV	85.00	150	Vertical	Pass
4	5501.000	99.77	-2.85	--	--	Peak	354.00	150	Vertical	N/A
4**	5501.000	92.71	-2.85	--	--	AV	354.00	150	Vertical	N/A
5	7428.950	49.60	-2.21	74.0	-24.40	Peak	199.00	150	Vertical	Pass
5**	7428.950	40.21	-2.21	54.0	-13.79	AV	199.00	150	Vertical	Pass
6	11681.651	51.75	2.43	74.0	-22.25	Peak	6.00	150	Vertical	Pass
6**	11681.651	42.82	2.43	54.0	-11.18	AV	6.00	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	1364.700	39.00	-17.51	74.0	-35.00	Peak	285.00	150	Horizontal	Pass
1**	1364.700	29.99	-17.51	54.0	-24.01	AV	285.00	150	Horizontal	Pass
2	2791.500	44.64	-11.13	74.0	-29.36	Peak	240.00	150	Horizontal	Pass
2**	2791.500	34.79	-11.13	54.0	-19.21	AV	240.00	150	Horizontal	Pass
3	4081.400	48.23	-5.13	74.0	-25.77	Peak	26.00	150	Horizontal	Pass
3**	4081.400	38.97	-5.13	54.0	-15.03	AV	26.00	150	Horizontal	Pass
4	5580.800	100.02	-3.23	--	--	Peak	92.00	150	Horizontal	N/A
4**	5580.800	92.61	-3.23	--	--	AV	92.00	150	Horizontal	N/A
5	7407.963	48.78	-1.73	74.0	-25.22	Peak	114.00	150	Horizontal	Pass
5**	7407.963	40.49	-1.73	54.0	-13.51	AV	114.00	150	Horizontal	Pass
6	11685.100	51.99	2.42	74.0	-22.01	Peak	32.00	150	Horizontal	Pass
6**	11685.100	42.00	2.42	54.0	-12.00	AV	32.00	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	1497.400	39.47	-17.78	74.0	-34.53	Peak	211.00	150	Vertical	Pass
1**	1497.400	29.35	-17.78	54.0	-24.65	AV	211.00	150	Vertical	Pass
2	2776.100	44.86	-11.19	74.0	-29.14	Peak	205.00	150	Vertical	Pass
2**	2776.100	35.29	-11.19	54.0	-18.71	AV	205.00	150	Vertical	Pass
3	3851.600	47.70	-6.16	74.0	-26.30	Peak	359.00	150	Vertical	Pass
3**	3851.600	37.57	-6.16	54.0	-16.43	AV	359.00	150	Vertical	Pass
4	5577.600	98.55	-3.15	--	--	Peak	172.00	150	Vertical	N/A
4**	5577.600	91.51	-3.15	--	--	AV	172.00	150	Vertical	N/A
5	7397.038	49.17	-1.66	74.0	-24.83	Peak	243.00	150	Vertical	Pass
5**	7397.038	40.92	-1.66	54.0	-13.08	AV	243.00	150	Vertical	Pass
6	11664.400	51.41	2.50	74.0	-22.59	Peak	4.00	150	Vertical	Pass
6**	11664.400	42.59	2.50	54.0	-11.41	AV	4.00	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	1534.700	39.27	-17.78	74.0	-34.73	Peak	117.00	150	Horizontal	Pass
1**	1534.700	29.75	-17.78	54.0	-24.25	AV	117.00	150	Horizontal	Pass
2	2782.100	44.88	-11.15	74.0	-29.12	Peak	4.00	150	Horizontal	Pass
2**	2782.100	34.43	-11.15	54.0	-19.57	AV	4.00	150	Horizontal	Pass
3	4667.200	50.51	-4.46	74.0	-23.49	Peak	280.00	150	Horizontal	Pass
3**	4667.200	40.60	-4.46	54.0	-13.40	AV	280.00	150	Horizontal	Pass
4	5699.000	97.41	-3.93	--	--	Peak	91.00	150	Horizontal	N/A
4**	5699.000	90.67	-3.93	--	--	AV	91.00	150	Horizontal	N/A
5	7539.925	48.97	-1.68	74.0	-25.03	Peak	189.00	150	Horizontal	Pass
5**	7539.925	40.18	-1.68	54.0	-13.82	AV	189.00	150	Horizontal	Pass
6	11683.951	51.21	2.42	74.0	-22.79	Peak	14.00	150	Horizontal	Pass
6**	11683.951	42.60	2.42	54.0	-11.40	AV	14.00	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	1523.300	38.81	-17.67	74.0	-35.19	Peak	240.00	150	Vertical	Pass
1**	1523.300	29.39	-17.67	54.0	-24.61	AV	240.00	150	Vertical	Pass
2	2765.400	44.52	-11.20	74.0	-29.48	Peak	360.00	150	Vertical	Pass
2**	2765.400	34.96	-11.20	54.0	-19.04	AV	360.00	150	Vertical	Pass
3	3954.600	48.14	-5.85	74.0	-25.86	Peak	185.00	150	Vertical	Pass
3**	3954.600	37.99	-5.85	54.0	-16.01	AV	185.00	150	Vertical	Pass
4	5698.000	93.99	-3.93	--	--	Peak	141.00	150	Vertical	N/A
4**	5698.000	86.34	-3.93	--	--	AV	141.00	150	Vertical	N/A
5	7340.400	49.12	-2.53	74.0	-24.88	Peak	216.00	150	Vertical	Pass
5**	7340.400	39.10	-2.53	54.0	-14.90	AV	216.00	150	Vertical	Pass
6	11695.450	51.36	2.34	74.0	-22.64	Peak	42.00	150	Vertical	Pass
6**	11695.450	41.84	2.34	54.0	-12.16	AV	42.00	150	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, 144 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	1552.000	39.48	-17.67	74.0	-34.52	Peak	193.00	150	Horizontal	Pass
1**	1552.000	29.98	-17.67	54.0	-24.02	AV	193.00	150	Horizontal	Pass
2	2729.400	44.55	-10.68	74.0	-29.45	Peak	278.00	150	Horizontal	Pass
2**	2729.400	35.58	-10.68	54.0	-18.42	AV	278.00	150	Horizontal	Pass
3	4033.000	47.99	-5.36	74.0	-26.01	Peak	352.00	150	Horizontal	Pass
3**	4033.000	39.52	-5.36	54.0	-14.48	AV	352.00	150	Horizontal	Pass
4	5718.400	96.90	-3.77	--	--	Peak	247.00	150	Horizontal	N/A
4**	5718.400	89.01	-3.77	--	--	AV	247.00	150	Horizontal	N/A
5	7406.813	49.19	-1.73	74.0	-24.81	Peak	58.00	150	Horizontal	Pass
5**	7406.813	41.35	-1.73	54.0	-12.65	AV	58.00	150	Horizontal	Pass
6	11653.763	50.82	2.54	74.0	-23.18	Peak	344.00	150	Horizontal	Pass
6**	11653.763	41.29	2.54	54.0	-12.71	AV	344.00	150	Horizontal	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, 144 Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1341.900	38.59	-17.71	74.0	-35.41	Peak	123.00	150	Vertical	Pass
1**	1341.900	29.53	-17.71	54.0	-24.47	AV	123.00	150	Vertical	Pass
2	2790.800	45.25	-11.11	74.0	-28.75	Peak	130.00	150	Vertical	Pass
2**	2790.800	34.74	-11.11	54.0	-19.26	AV	130.00	150	Vertical	Pass
3	4165.000	49.12	-5.00	74.0	-24.88	Peak	12.00	150	Vertical	Pass
3**	4165.000	38.94	-5.00	54.0	-15.06	AV	12.00	150	Vertical	Pass
4	5721.200	93.33	-3.69	--	--	Peak	132.00	150	Vertical	N/A
4**	5721.200	86.55	-3.69	--	--	AV	132.00	150	Vertical	N/A
5	7413.138	49.02	-1.88	74.0	-24.98	Peak	18.00	150	Vertical	Pass
5**	7413.138	40.40	-1.88	54.0	-13.60	AV	18.00	150	Vertical	Pass
6	11675.612	52.22	2.45	74.0	-21.78	Peak	327.00	150	Vertical	Pass
6**	11675.612	41.63	2.45	54.0	-12.37	AV	327.00	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	1388.200	40.04	-17.44	74.0	-33.96	Peak	357.00	150	Horizontal	Pass
1**	1388.200	29.31	-17.44	54.0	-24.69	AV	357.00	150	Horizontal	Pass
2	2771.100	45.25	-11.22	74.0	-28.75	Peak	273.00	150	Horizontal	Pass
2**	2771.100	35.09	-11.22	54.0	-18.91	AV	273.00	150	Horizontal	Pass
3	3719.400	47.97	-6.67	74.0	-26.03	Peak	242.00	150	Horizontal	Pass
3**	3719.400	37.14	-6.67	54.0	-16.86	AV	242.00	150	Horizontal	Pass
4	5507.400	100.29	-2.96	--	--	Peak	319.00	150	Horizontal	N/A
4**	5507.400	92.93	-2.96	--	--	AV	319.00	150	Horizontal	N/A
5	7378.925	48.73	-1.73	74.0	-25.27	Peak	31.00	150	Horizontal	Pass
5**	7378.925	39.07	-1.73	54.0	-14.93	AV	31.00	150	Horizontal	Pass
6	12262.400	51.24	2.56	74.0	-22.76	Peak	281.00	150	Horizontal	Pass
6**	12262.400	41.53	2.56	54.0	-12.47	AV	281.00	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	1499.400	38.98	-17.74	74.0	-35.02	Peak	51.00	150	Vertical	Pass
1**	1499.400	29.62	-17.74	54.0	-24.38	AV	51.00	150	Vertical	Pass
2	2765.900	44.40	-11.22	74.0	-29.60	Peak	7.00	150	Vertical	Pass
2**	2765.900	35.16	-11.22	54.0	-18.84	AV	7.00	150	Vertical	Pass
3	4095.800	49.11	-5.11	74.0	-24.89	Peak	291.00	150	Vertical	Pass
3**	4095.800	38.99	-5.11	54.0	-15.01	AV	291.00	150	Vertical	Pass
4	5508.200	97.37	-2.96	--	--	Peak	118.00	150	Vertical	N/A
4**	5508.200	89.54	-2.96	--	--	AV	118.00	150	Vertical	N/A
5	7397.325	49.02	-1.66	74.0	-24.98	Peak	345.00	150	Vertical	Pass
5**	7397.325	39.36	-1.66	54.0	-14.64	AV	345.00	150	Vertical	Pass
6	11648.588	51.56	2.54	74.0	-22.44	Peak	262.00	150	Vertical	Pass
6**	11648.588	41.70	2.54	54.0	-12.30	AV	262.00	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	1521.100	38.84	-17.68	74.0	-35.16	Peak	119.00	150	Horizontal	Pass
1**	1521.100	29.47	-17.68	54.0	-24.53	AV	119.00	150	Horizontal	Pass
2	2739.200	44.68	-10.66	74.0	-29.32	Peak	230.00	150	Horizontal	Pass
2**	2739.200	35.30	-10.66	54.0	-18.70	AV	230.00	150	Horizontal	Pass
3	4268.800	49.21	-4.83	74.0	-24.79	Peak	357.00	150	Horizontal	Pass
3**	4268.800	40.41	-4.83	54.0	-13.59	AV	357.00	150	Horizontal	Pass
4	5592.600	97.04	-3.29	--	--	Peak	269.00	150	Horizontal	N/A
4**	5592.600	89.61	-3.29	--	--	AV	269.00	150	Horizontal	N/A
5	7405.663	49.11	-1.74	74.0	-24.89	Peak	0.00	150	Horizontal	Pass
5**	7405.663	40.60	-1.74	54.0	-13.40	AV	0.00	150	Horizontal	Pass
6	12260.388	51.35	2.58	74.0	-22.65	Peak	217.00	150	Horizontal	Pass
6**	12260.388	42.22	2.58	54.0	-11.78	AV	217.00	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	1382.200	39.06	-17.52	74.0	-34.94	Peak	276.00	150	Vertical	Pass
1**	1382.200	28.64	-17.52	54.0	-25.36	AV	276.00	150	Vertical	Pass
2	2828.500	44.81	-10.61	74.0	-29.19	Peak	73.00	150	Vertical	Pass
2**	2828.500	35.75	-10.61	54.0	-18.25	AV	73.00	150	Vertical	Pass
3	4277.800	49.52	-4.74	74.0	-24.48	Peak	38.00	150	Vertical	Pass
3**	4277.800	39.71	-4.74	54.0	-14.29	AV	38.00	150	Vertical	Pass
4	5587.800	95.33	-3.23	--	--	Peak	170.00	150	Vertical	N/A
4**	5587.800	87.66	-3.23	--	--	AV	170.00	150	Vertical	N/A
5	7486.450	49.27	-1.86	74.0	-24.73	Peak	283.00	150	Vertical	Pass
5**	7486.450	40.68	-1.86	54.0	-13.32	AV	283.00	150	Vertical	Pass
6	11667.849	51.68	2.49	74.0	-22.32	Peak	115.00	150	Vertical	Pass
6**	11667.849	42.18	2.49	54.0	-11.82	AV	115.00	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	1502.900	39.04	-17.73	74.0	-34.96	Peak	143.00	150	Horizontal	Pass
1**	1502.900	29.86	-17.73	54.0	-24.14	AV	143.00	150	Horizontal	Pass
2	2779.100	44.30	-11.19	74.0	-29.70	Peak	47.00	150	Horizontal	Pass
2**	2779.100	34.24	-11.19	54.0	-19.76	AV	47.00	150	Horizontal	Pass
3	3973.600	48.15	-5.51	74.0	-25.85	Peak	307.00	150	Horizontal	Pass
3**	3973.600	38.51	-5.51	54.0	-15.49	AV	307.00	150	Horizontal	Pass
4	5667.800	95.00	-3.58	--	--	Peak	254.00	150	Horizontal	N/A
4**	5667.800	86.87	-3.58	--	--	AV	254.00	150	Horizontal	N/A
5	7414.287	49.22	-1.88	74.0	-24.78	Peak	234.00	150	Horizontal	Pass
5**	7414.287	39.55	-1.88	54.0	-14.45	AV	234.00	150	Horizontal	Pass
6	11666.700	51.20	2.49	74.0	-22.80	Peak	345.00	150	Horizontal	Pass
6**	11666.700	42.41	2.49	54.0	-11.59	AV	345.00	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	1448.400	39.65	-17.66	74.0	-34.35	Peak	141.00	150	Vertical	Pass
1**	1448.400	29.53	-17.66	54.0	-24.47	AV	141.00	150	Vertical	Pass
2	2778.400	44.27	-11.19	74.0	-29.73	Peak	0.00	150	Vertical	Pass
2**	2778.400	34.97	-11.19	54.0	-19.03	AV	0.00	150	Vertical	Pass
3	4103.200	48.57	-5.31	74.0	-25.43	Peak	73.00	150	Vertical	Pass
3**	4103.200	39.10	-5.31	54.0	-14.90	AV	73.00	150	Vertical	Pass
4	5672.600	93.15	-3.72	--	--	Peak	151.00	150	Vertical	N/A
4**	5672.600	86.25	-3.72	--	--	AV	151.00	150	Vertical	N/A
5	7402.212	50.03	-1.65	74.0	-23.97	Peak	263.00	150	Vertical	Pass
5**	7402.212	40.33	-1.65	54.0	-13.67	AV	263.00	150	Vertical	Pass
6	11669.862	51.64	2.48	74.0	-22.36	Peak	114.00	150	Vertical	Pass
6**	11669.862	42.36	2.48	54.0	-11.64	AV	114.00	150	Vertical	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, 142 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	1523.000	38.94	-17.67	74.0	-35.06	Peak	90.00	150	Horizontal	Pass
1**	1523.000	29.43	-17.67	54.0	-24.57	AV	90.00	150	Horizontal	Pass
2	2744.200	44.74	-10.69	74.0	-29.26	Peak	190.00	150	Horizontal	Pass
2**	2744.200	35.59	-10.69	54.0	-18.41	AV	190.00	150	Horizontal	Pass
3	4012.800	48.79	-5.79	74.0	-25.21	Peak	126.00	150	Horizontal	Pass
3**	4012.800	38.95	-5.79	54.0	-15.05	AV	126.00	150	Horizontal	Pass
4	5707.800	94.13	-3.80	--	--	Peak	98.00	150	Horizontal	N/A
4**	5707.800	86.86	-3.80	--	--	AV	98.00	150	Horizontal	N/A
5	7370.013	48.88	-1.89	74.0	-25.12	Peak	288.00	150	Horizontal	Pass
5**	7370.013	39.33	-1.89	54.0	-14.67	AV	288.00	150	Horizontal	Pass
6	11666.125	51.15	2.49	74.0	-22.85	Peak	335.00	150	Horizontal	Pass
6**	11666.125	42.82	2.49	54.0	-11.18	AV	335.00	150	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, 142 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	1513.700	38.88	-17.80	74.0	-35.12	Peak	56.00	150	Vertical	Pass
1**	1513.700	29.45	-17.80	54.0	-24.55	AV	56.00	150	Vertical	Pass
2	2850.200	44.45	-10.71	74.0	-29.55	Peak	1.00	150	Vertical	Pass
2**	2850.200	35.46	-10.71	54.0	-18.54	AV	1.00	150	Vertical	Pass
3	3871.600	47.49	-6.46	74.0	-26.51	Peak	260.00	150	Vertical	Pass
3**	3871.600	37.69	-6.46	54.0	-16.31	AV	260.00	150	Vertical	Pass
4	5707.800	91.72	-3.80	--	--	Peak	157.00	150	Vertical	N/A
4**	5707.800	84.09	-3.80	--	--	AV	157.00	150	Vertical	N/A
5	7483.000	48.80	-1.85	74.0	-25.20	Peak	0.00	150	Vertical	Pass
5**	7483.000	40.74	-1.85	54.0	-13.26	AV	0.00	150	Vertical	Pass
6	11697.463	51.43	2.32	74.0	-22.57	Peak	95.00	150	Vertical	Pass
6**	11697.463	42.23	2.32	54.0	-11.77	AV	95.00	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	1514.800	39.06	-17.78	74.0	-34.94	Peak	141.00	150	Horizontal	Pass
1**	1514.800	30.15	-17.78	54.0	-23.85	AV	141.00	150	Horizontal	Pass
2	2770.800	44.24	-11.22	74.0	-29.76	Peak	330.00	150	Horizontal	Pass
2**	2770.800	34.36	-11.22	54.0	-19.64	AV	330.00	150	Horizontal	Pass
3	4106.400	49.44	-5.34	74.0	-24.56	Peak	309.00	150	Horizontal	Pass
3**	4106.400	38.81	-5.34	54.0	-15.19	AV	309.00	150	Horizontal	Pass
4	5501.200	102.64	-2.86	--	--	Peak	317.00	150	Horizontal	N/A
4**	5501.200	95.25	-2.86	--	--	AV	317.00	150	Horizontal	N/A
5	7403.075	48.75	-1.66	74.0	-25.25	Peak	90.00	150	Horizontal	Pass
5**	7403.075	39.83	-1.66	54.0	-14.17	AV	90.00	150	Horizontal	Pass
6	11634.213	51.01	2.38	74.0	-22.99	Peak	25.00	150	Horizontal	Pass
6**	11634.213	41.95	2.38	54.0	-12.05	AV	25.00	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	1365.900	38.96	-17.55	74.0	-35.04	Peak	302.00	150	Vertical	Pass
1**	1365.900	29.29	-17.55	54.0	-24.71	AV	302.00	150	Vertical	Pass
2	2788.600	44.83	-11.07	74.0	-29.17	Peak	208.00	150	Vertical	Pass
2**	2788.600	34.90	-11.07	54.0	-19.10	AV	208.00	150	Vertical	Pass
3	3780.000	47.84	-5.72	74.0	-26.16	Peak	324.00	150	Vertical	Pass
3**	3780.000	38.35	-5.72	54.0	-15.65	AV	324.00	150	Vertical	Pass
4	5502.000	99.99	-2.88	--	--	Peak	113.00	150	Vertical	N/A
4**	5502.000	91.85	-2.88	--	--	AV	113.00	150	Vertical	N/A
5	7401.925	49.28	-1.65	74.0	-24.72	Peak	162.00	150	Vertical	Pass
5**	7401.925	40.14	-1.65	54.0	-13.86	AV	162.00	150	Vertical	Pass
6	11682.513	51.15	2.43	74.0	-22.85	Peak	153.00	150	Vertical	Pass
6**	11682.513	42.59	2.43	54.0	-11.41	AV	153.00	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	1328.700	39.57	-17.66	74.0	-34.43	Peak	202.00	150	Horizontal	Pass
1**	1328.700	29.42	-17.66	54.0	-24.58	AV	202.00	150	Horizontal	Pass
2	2835.700	44.56	-10.80	74.0	-29.44	Peak	29.00	150	Horizontal	Pass
2**	2835.700	35.22	-10.80	54.0	-18.78	AV	29.00	150	Horizontal	Pass
3	4285.200	49.19	-4.71	74.0	-24.81	Peak	310.00	150	Horizontal	Pass
3**	4285.200	39.33	-4.71	54.0	-14.67	AV	310.00	150	Horizontal	Pass
4	5579.000	99.17	-3.17	--	--	Peak	91.00	150	Horizontal	N/A
4**	5579.000	93.01	-3.17	--	--	AV	91.00	150	Horizontal	N/A
5	7532.163	49.02	-1.67	74.0	-24.98	Peak	79.00	150	Horizontal	Pass
5**	7532.163	39.78	-1.67	54.0	-14.22	AV	79.00	150	Horizontal	Pass
6	12216.401	51.05	2.59	74.0	-22.95	Peak	115.00	150	Horizontal	Pass
6**	12216.401	41.88	2.59	54.0	-12.12	AV	115.00	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	1460.200	40.31	-17.69	74.0	-33.69	Peak	101.00	150	Vertical	Pass
1**	1460.200	29.69	-17.69	54.0	-24.31	AV	101.00	150	Vertical	Pass
2	2821.800	44.97	-10.53	74.0	-29.03	Peak	107.00	150	Vertical	Pass
2**	2821.800	35.63	-10.53	54.0	-18.37	AV	107.00	150	Vertical	Pass
3	4203.800	49.47	-5.17	74.0	-24.53	Peak	156.00	150	Vertical	Pass
3**	4203.800	38.69	-5.17	54.0	-15.31	AV	156.00	150	Vertical	Pass
4	5578.400	97.89	-3.15	--	--	Peak	172.00	150	Vertical	N/A
4**	5578.400	90.27	-3.15	--	--	AV	172.00	150	Vertical	N/A
5	7485.300	49.71	-1.89	74.0	-24.29	Peak	271.00	150	Vertical	Pass
5**	7485.300	40.27	-1.89	54.0	-13.73	AV	271.00	150	Vertical	Pass
6	11679.925	51.86	2.44	74.0	-22.14	Peak	318.00	150	Vertical	Pass
6**	11679.925	42.22	2.44	54.0	-11.78	AV	318.00	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	1388.100	38.85	-17.44	74.0	-35.15	Peak	307.00	150	Horizontal	Pass
1**	1388.100	29.25	-17.44	54.0	-24.75	AV	307.00	150	Horizontal	Pass
2	2755.700	44.57	-10.88	74.0	-29.43	Peak	146.00	150	Horizontal	Pass
2**	2755.700	35.21	-10.88	54.0	-18.79	AV	146.00	150	Horizontal	Pass
3	4206.400	48.78	-5.11	74.0	-25.22	Peak	121.00	150	Horizontal	Pass
3**	4206.400	39.47	-5.11	54.0	-14.53	AV	121.00	150	Horizontal	Pass
4	5699.200	96.59	-3.93	--	--	Peak	252.00	150	Horizontal	N/A
4**	5699.200	89.13	-3.93	--	--	AV	252.00	150	Horizontal	N/A
5	7388.987	49.09	-1.74	74.0	-24.91	Peak	33.00	150	Horizontal	Pass
5**	7388.987	40.03	-1.74	54.0	-13.97	AV	33.00	150	Horizontal	Pass
6	11616.963	51.05	2.19	74.0	-22.95	Peak	310.00	150	Horizontal	Pass
6**	11616.963	41.94	2.19	54.0	-12.06	AV	310.00	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	1528.100	39.68	-17.73	74.0	-34.32	Peak	118.00	150	Vertical	Pass
1**	1528.100	29.51	-17.73	54.0	-24.49	AV	118.00	150	Vertical	Pass
2	2755.000	44.05	-10.88	74.0	-29.95	Peak	68.00	150	Vertical	Pass
2**	2755.000	35.02	-10.88	54.0	-18.98	AV	68.00	150	Vertical	Pass
3	3790.600	47.86	-5.46	74.0	-26.14	Peak	302.00	150	Vertical	Pass
3**	3790.600	39.11	-5.46	54.0	-14.89	AV	302.00	150	Vertical	Pass
4	5698.600	93.80	-3.93	--	--	Peak	135.00	150	Vertical	N/A
4**	5698.600	85.88	-3.93	--	--	AV	135.00	150	Vertical	N/A
5	7554.013	49.27	-1.56	74.0	-24.73	Peak	71.00	150	Vertical	Pass
5**	7554.013	39.54	-1.56	54.0	-14.46	AV	71.00	150	Vertical	Pass
6	12218.125	51.14	2.59	74.0	-22.86	Peak	309.00	150	Vertical	Pass
6**	12218.125	42.25	2.59	54.0	-11.75	AV	309.00	150	Vertical	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, 144 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	1413.200	39.53	-17.47	74.0	-34.47	Peak	154.00	150	Horizontal	Pass
1**	1413.200	29.99	-17.47	54.0	-24.01	AV	154.00	150	Horizontal	Pass
2	2740.000	44.33	-10.68	74.0	-29.67	Peak	109.00	150	Horizontal	Pass
2**	2740.000	35.29	-10.68	54.0	-18.71	AV	109.00	150	Horizontal	Pass
3	4038.800	48.18	-5.35	74.0	-25.82	Peak	2.00	150	Horizontal	Pass
3**	4038.800	39.00	-5.35	54.0	-15.00	AV	2.00	150	Horizontal	Pass
4	5718.000	95.61	-3.77	--	--	Peak	248.00	150	Horizontal	N/A
4**	5718.000	87.69	-3.77	--	--	AV	248.00	150	Horizontal	N/A
5	7490.763	49.19	-1.81	74.0	-24.81	Peak	199.00	150	Horizontal	Pass
5**	7490.763	39.54	-1.81	54.0	-14.46	AV	199.00	150	Horizontal	Pass
6	11650.025	51.55	2.56	74.0	-22.45	Peak	199.00	150	Horizontal	Pass
6**	11650.025	42.15	2.56	54.0	-11.85	AV	199.00	150	Horizontal	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, 144 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	1485.700	38.60	-17.75	74.0	-35.40	Peak	187.00	150	Vertical	Pass
1**	1485.700	28.65	-17.75	54.0	-25.35	AV	187.00	150	Vertical	Pass
2	2757.800	44.41	-10.94	74.0	-29.59	Peak	269.00	150	Vertical	Pass
2**	2757.800	34.88	-10.94	54.0	-19.12	AV	269.00	150	Vertical	Pass
3	4033.200	48.07	-5.36	74.0	-25.93	Peak	274.00	150	Vertical	Pass
3**	4033.200	39.05	-5.36	54.0	-14.95	AV	274.00	150	Vertical	Pass
4	5721.200	92.75	-3.69	--	--	Peak	165.00	150	Vertical	N/A
4**	5721.200	85.10	-3.69	--	--	AV	165.00	150	Vertical	N/A
5	7409.975	49.10	-1.77	74.0	-24.90	Peak	360.00	150	Vertical	Pass
5**	7409.975	40.15	-1.77	54.0	-13.85	AV	360.00	150	Vertical	Pass
6	12249.750	51.44	2.66	74.0	-22.56	Peak	162.00	150	Vertical	Pass
6**	12249.750	41.96	2.66	54.0	-12.04	AV	162.00	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	1356.000	38.36	-17.55	74.0	-35.64	Peak	297.00	150	Horizontal	Pass
1**	1356.000	29.85	-17.55	54.0	-24.15	AV	297.00	150	Horizontal	Pass
2	2724.200	44.23	-10.78	74.0	-29.77	Peak	120.00	150	Horizontal	Pass
2**	2724.200	35.85	-10.78	54.0	-18.15	AV	120.00	150	Horizontal	Pass
3	4010.000	48.22	-5.83	74.0	-25.78	Peak	244.00	150	Horizontal	Pass
3**	4010.000	38.56	-5.83	54.0	-15.44	AV	244.00	150	Horizontal	Pass
4	5507.200	99.72	-2.96	--	--	Peak	317.00	150	Horizontal	N/A
4**	5507.200	91.57	-2.96	--	--	AV	317.00	150	Horizontal	N/A
5	7324.588	48.91	-2.73	74.0	-25.09	Peak	71.00	150	Horizontal	Pass
5**	7324.588	38.84	-2.73	54.0	-15.16	AV	71.00	150	Horizontal	Pass
6	11640.537	51.31	2.45	74.0	-22.69	Peak	208.00	150	Horizontal	Pass
6**	11640.537	42.78	2.45	54.0	-11.22	AV	208.00	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	1352.600	38.75	-17.61	74.0	-35.25	Peak	20.00	150	Vertical	Pass
1**	1352.600	29.71	-17.61	54.0	-24.29	AV	20.00	150	Vertical	Pass
2	2796.200	44.55	-11.15	74.0	-29.45	Peak	270.00	150	Vertical	Pass
2**	2796.200	34.92	-11.15	54.0	-19.08	AV	270.00	150	Vertical	Pass
3	3963.200	48.57	-5.32	74.0	-25.43	Peak	347.00	150	Vertical	Pass
3**	3963.200	39.35	-5.32	54.0	-14.65	AV	347.00	150	Vertical	Pass
4	5511.400	97.01	-2.90	--	--	Peak	113.00	150	Vertical	N/A
4**	5511.400	89.47	-2.90	--	--	AV	113.00	150	Vertical	N/A
5	7422.913	48.78	-2.12	74.0	-25.22	Peak	97.00	150	Vertical	Pass
5**	7422.913	39.80	-2.12	54.0	-14.20	AV	97.00	150	Vertical	Pass
6	11661.237	51.59	2.51	74.0	-22.41	Peak	262.00	150	Vertical	Pass
6**	11661.237	41.71	2.51	54.0	-12.29	AV	262.00	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	1369.900	38.82	-17.62	74.0	-35.18	Peak	52.00	150	Horizontal	Pass
1**	1369.900	29.18	-17.62	54.0	-24.82	AV	52.00	150	Horizontal	Pass
2	2819.800	44.72	-10.63	74.0	-29.28	Peak	230.00	150	Horizontal	Pass
2**	2819.800	35.58	-10.63	54.0	-18.42	AV	230.00	150	Horizontal	Pass
3	4082.200	48.52	-5.12	74.0	-25.48	Peak	77.00	150	Horizontal	Pass
3**	4082.200	38.41	-5.12	54.0	-15.59	AV	77.00	150	Horizontal	Pass
4	5586.400	96.00	-3.22	--	--	Peak	252.00	150	Horizontal	N/A
4**	5586.400	88.06	-3.22	--	--	AV	252.00	150	Horizontal	N/A
5	7399.050	49.11	-1.61	74.0	-24.89	Peak	97.00	150	Horizontal	Pass
5**	7399.050	40.13	-1.61	54.0	-13.87	AV	97.00	150	Horizontal	Pass
6	11669.576	51.66	2.48	74.0	-22.34	Peak	79.00	150	Horizontal	Pass
6**	11669.576	42.64	2.48	54.0	-11.36	AV	79.00	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	1352.700	39.22	-17.61	74.0	-34.78	Peak	169.00	150	Vertical	Pass
1**	1352.700	29.07	-17.61	54.0	-24.93	AV	169.00	150	Vertical	Pass
2	2722.000	44.27	-10.98	74.0	-29.73	Peak	347.00	150	Vertical	Pass
2**	2722.000	36.39	-10.98	54.0	-17.61	AV	347.00	150	Vertical	Pass
3	4309.000	49.55	-5.03	74.0	-24.45	Peak	70.00	150	Vertical	Pass
3**	4309.000	39.27	-5.03	54.0	-14.73	AV	70.00	150	Vertical	Pass
4	5593.000	93.83	-3.30	--	--	Peak	172.00	150	Vertical	N/A
4**	5593.000	85.97	-3.30	--	--	AV	172.00	150	Vertical	N/A
5	8222.450	49.16	-2.34	74.0	-24.84	Peak	96.00	150	Vertical	Pass
5**	8222.450	38.29	-2.34	54.0	-15.71	AV	96.00	150	Vertical	Pass
6	11752.950	51.88	1.52	74.0	-22.12	Peak	170.00	150	Vertical	Pass
6**	11752.950	41.18	1.52	54.0	-12.82	AV	170.00	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	1469.700	38.98	-17.67	74.0	-35.02	Peak	360.00	150	Horizontal	Pass
1**	1469.700	28.95	-17.67	54.0	-25.05	AV	360.00	150	Horizontal	Pass
2	2744.800	45.05	-10.72	74.0	-28.95	Peak	75.00	150	Horizontal	Pass
2**	2744.800	36.32	-10.72	54.0	-17.68	AV	75.00	150	Horizontal	Pass
3	4086.400	48.24	-4.99	74.0	-25.76	Peak	244.00	150	Horizontal	Pass
3**	4086.400	39.22	-4.99	54.0	-14.78	AV	244.00	150	Horizontal	Pass
4	5672.400	95.06	-3.72	--	--	Peak	251.00	150	Horizontal	N/A
4**	5672.400	86.44	-3.72	--	--	AV	251.00	150	Horizontal	N/A
5	7421.763	49.23	-2.08	74.0	-24.77	Peak	298.00	150	Horizontal	Pass
5**	7421.763	40.51	-2.08	54.0	-13.49	AV	298.00	150	Horizontal	Pass
6	12239.688	51.34	2.64	74.0	-22.66	Peak	354.00	150	Horizontal	Pass
6**	12239.688	42.06	2.64	54.0	-11.94	AV	354.00	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	1571.700	38.95	-17.59	74.0	-35.05	Peak	1.00	150	Vertical	Pass
1**	1571.700	29.04	-17.59	54.0	-24.96	AV	1.00	150	Vertical	Pass
2	2743.700	44.24	-10.66	74.0	-29.76	Peak	360.00	150	Vertical	Pass
2**	2743.700	34.91	-10.66	54.0	-19.09	AV	360.00	150	Vertical	Pass
3	4185.800	49.04	-5.13	74.0	-24.96	Peak	360.00	150	Vertical	Pass
3**	4185.800	39.24	-5.13	54.0	-14.76	AV	360.00	150	Vertical	Pass
4	5672.400	92.37	-3.72	--	--	Peak	143.00	150	Vertical	N/A
4**	5672.400	83.92	-3.72	--	--	AV	143.00	150	Vertical	N/A
5	7394.737	49.14	-1.59	74.0	-24.86	Peak	70.00	150	Vertical	Pass
5**	7394.737	39.56	-1.59	54.0	-14.44	AV	70.00	150	Vertical	Pass
6	11657.500	52.30	2.53	74.0	-21.70	Peak	171.00	150	Vertical	Pass
6**	11657.500	42.22	2.53	54.0	-11.78	AV	171.00	150	Vertical	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, 142 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	1497.200	38.66	-17.77	74.0	-35.34	Peak	70.00	150	Horizontal	Pass
1**	1497.200	29.04	-17.77	54.0	-24.96	AV	70.00	150	Horizontal	Pass
2	2725.800	44.28	-10.75	74.0	-29.72	Peak	152.00	150	Horizontal	Pass
2**	2725.800	35.54	-10.75	54.0	-18.46	AV	152.00	150	Horizontal	Pass
3	4096.200	48.41	-5.13	74.0	-25.59	Peak	11.00	150	Horizontal	Pass
3**	4096.200	39.83	-5.13	54.0	-14.17	AV	11.00	150	Horizontal	Pass
4	5706.600	93.45	-3.82	--	--	Peak	252.00	150	Horizontal	N/A
4**	5706.600	84.87	-3.82	--	--	AV	252.00	150	Horizontal	N/A
5	7542.800	48.68	-1.63	74.0	-25.32	Peak	34.00	150	Horizontal	Pass
5**	7542.800	39.45	-1.63	54.0	-14.55	AV	34.00	150	Horizontal	Pass
6	11659.800	51.21	2.52	74.0	-22.79	Peak	25.00	150	Horizontal	Pass
6**	11659.800	42.15	2.52	54.0	-11.85	AV	25.00	150	Horizontal	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, 142 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	1554.500	39.01	-17.74	74.0	-34.99	Peak	0.00	150	Vertical	Pass
1**	1554.500	29.42	-17.74	54.0	-24.58	AV	0.00	150	Vertical	Pass
2	2716.600	44.61	-11.28	74.0	-29.39	Peak	66.00	150	Vertical	Pass
2**	2716.600	35.02	-11.28	54.0	-18.98	AV	66.00	150	Vertical	Pass
3	4105.000	48.73	-5.31	74.0	-25.27	Peak	259.00	150	Vertical	Pass
3**	4105.000	39.12	-5.31	54.0	-14.88	AV	259.00	150	Vertical	Pass
4	5708.200	90.61	-3.80	--	--	Peak	135.00	150	Vertical	N/A
4**	5708.200	83.59	-3.80	--	--	AV	135.00	150	Vertical	N/A
5	7395.888	48.80	-1.61	74.0	-25.20	Peak	217.00	150	Vertical	Pass
5**	7395.888	40.42	-1.61	54.0	-13.58	AV	217.00	150	Vertical	Pass
6	11698.612	51.52	2.31	74.0	-22.48	Peak	0.00	150	Vertical	Pass
6**	11698.612	42.05	2.31	54.0	-11.95	AV	0.00	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	1527.800	38.91	-17.73	74.0	-35.09	Peak	305.00	150	Horizontal	Pass
1**	1527.800	29.53	-17.73	54.0	-24.47	AV	305.00	150	Horizontal	Pass
2	2726.600	44.67	-10.73	74.0	-29.33	Peak	229.00	150	Horizontal	Pass
2**	2726.600	35.35	-10.73	54.0	-18.65	AV	229.00	150	Horizontal	Pass
3	3964.600	47.59	-5.28	74.0	-26.41	Peak	156.00	150	Horizontal	Pass
3**	3964.600	38.07	-5.28	54.0	-15.93	AV	156.00	150	Horizontal	Pass
4	5536.600	95.47	-2.86	--	--	Peak	250.00	150	Horizontal	N/A
4**	5536.600	88.04	-2.86	--	--	AV	250.00	150	Horizontal	N/A
5	7301.300	48.79	-2.70	74.0	-25.21	Peak	309.00	150	Horizontal	Pass
5**	7301.300	39.50	-2.70	54.0	-14.50	AV	309.00	150	Horizontal	Pass
6	11619.838	51.04	2.22	74.0	-22.96	Peak	70.00	150	Horizontal	Pass
6**	11619.838	41.61	2.22	54.0	-12.39	AV	70.00	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	1363.000	39.24	-17.54	74.0	-34.76	Peak	191.00	150	Vertical	Pass
1**	1363.000	29.53	-17.54	54.0	-24.47	AV	191.00	150	Vertical	Pass
2	2816.600	44.59	-10.66	74.0	-29.41	Peak	226.00	150	Vertical	Pass
2**	2816.600	35.17	-10.66	54.0	-18.83	AV	226.00	150	Vertical	Pass
3	4138.000	48.79	-5.51	74.0	-25.21	Peak	286.00	150	Vertical	Pass
3**	4138.000	38.44	-5.51	54.0	-15.56	AV	286.00	150	Vertical	Pass
4	5540.600	93.17	-2.84	--	--	Peak	149.00	150	Vertical	N/A
4**	5540.600	84.83	-2.84	--	--	AV	149.00	150	Vertical	N/A
5	7476.388	48.91	-1.95	74.0	-25.09	Peak	343.00	150	Vertical	Pass
5**	7476.388	39.81	-1.95	54.0	-14.19	AV	343.00	150	Vertical	Pass
6	11648.874	51.57	2.54	74.0	-22.43	Peak	165.00	150	Vertical	Pass
6**	11648.874	42.15	2.54	54.0	-11.85	AV	165.00	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	1534.000	39.44	-17.80	74.0	-34.56	Peak	228.00	150	Horizontal	Pass
1**	1534.000	29.22	-17.80	54.0	-24.78	AV	228.00	150	Horizontal	Pass
2	2846.300	44.37	-10.80	74.0	-29.63	Peak	222.00	150	Horizontal	Pass
2**	2846.300	35.34	-10.80	54.0	-18.66	AV	222.00	150	Horizontal	Pass
3	3791.400	47.44	-5.48	74.0	-26.56	Peak	171.00	150	Horizontal	Pass
3**	3791.400	38.08	-5.48	54.0	-15.92	AV	171.00	150	Horizontal	Pass
4	5607.600	93.18	-3.12	--	--	Peak	251.00	150	Horizontal	N/A
4**	5607.600	85.43	-3.12	--	--	AV	251.00	150	Horizontal	N/A
5	7408.250	48.85	-1.74	74.0	-25.15	Peak	290.00	150	Horizontal	Pass
5**	7408.250	39.95	-1.74	54.0	-14.05	AV	290.00	150	Horizontal	Pass
6	11675.037	51.37	2.46	74.0	-22.63	Peak	112.00	150	Horizontal	Pass
6**	11675.037	41.67	2.46	54.0	-12.33	AV	112.00	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	1387.800	39.46	-17.45	74.0	-34.54	Peak	120.00	150	Vertical	Pass
1**	1387.800	29.73	-17.45	54.0	-24.27	AV	120.00	150	Vertical	Pass
2	2743.300	44.32	-10.66	74.0	-29.68	Peak	56.00	150	Vertical	Pass
2**	2743.300	35.09	-10.66	54.0	-18.91	AV	56.00	150	Vertical	Pass
3	4187.800	48.73	-5.19	74.0	-25.27	Peak	136.00	150	Vertical	Pass
3**	4187.800	39.05	-5.19	54.0	-14.95	AV	136.00	150	Vertical	Pass
4	5616.400	90.47	-3.09	--	--	Peak	121.00	150	Vertical	N/A
4**	5616.400	82.95	-3.09	--	--	AV	121.00	150	Vertical	N/A
5	7401.925	49.56	-1.65	74.0	-24.44	Peak	360.00	150	Vertical	Pass
5**	7401.925	40.00	-1.65	54.0	-14.00	AV	360.00	150	Vertical	Pass
6	12211.225	51.10	2.58	74.0	-22.90	Peak	318.00	150	Vertical	Pass
6**	12211.225	42.15	2.58	54.0	-11.85	AV	318.00	150	Vertical	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, 138 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	1399.100	38.75	-17.61	74.0	-35.25	Peak	356.00	150	Horizontal	Pass
1**	1399.100	29.21	-17.61	54.0	-24.79	AV	356.00	150	Horizontal	Pass
2	2756.200	44.16	-10.89	74.0	-29.84	Peak	250.00	150	Horizontal	Pass
2**	2756.200	34.54	-10.89	54.0	-19.46	AV	250.00	150	Horizontal	Pass
3	3787.800	47.92	-5.50	74.0	-26.08	Peak	80.00	150	Horizontal	Pass
3**	3787.800	37.72	-5.50	54.0	-16.28	AV	80.00	150	Horizontal	Pass
4	5686.000	91.69	-3.88	--	--	Peak	256.00	150	Horizontal	N/A
4**	5686.000	83.12	-3.88	--	--	AV	256.00	150	Horizontal	N/A
5	7555.450	48.79	-1.61	74.0	-25.21	Peak	179.00	150	Horizontal	Pass
5**	7555.450	39.94	-1.61	54.0	-14.06	AV	179.00	150	Horizontal	Pass
6	11638.525	51.59	2.43	74.0	-22.41	Peak	254.00	150	Horizontal	Pass
6**	11638.525	42.28	2.43	54.0	-11.72	AV	254.00	150	Horizontal	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, 138 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	1391.300	39.21	-17.46	74.0	-34.79	Peak	52.00	150	Vertical	Pass
1**	1391.300	29.52	-17.46	54.0	-24.48	AV	52.00	150	Vertical	Pass
2	2851.500	44.81	-10.71	74.0	-29.19	Peak	180.00	150	Vertical	Pass
2**	2851.500	35.51	-10.71	54.0	-18.49	AV	180.00	150	Vertical	Pass
3	4258.600	49.40	-4.77	74.0	-24.60	Peak	47.00	150	Vertical	Pass
3**	4258.600	39.77	-4.77	54.0	-14.23	AV	47.00	150	Vertical	Pass
4	5683.600	87.61	-3.83	--	--	Peak	165.00	150	Vertical	N/A
4**	5683.600	80.39	-3.83	--	--	AV	165.00	150	Vertical	N/A
5	7434.988	48.75	-2.30	74.0	-25.25	Peak	207.00	150	Vertical	Pass
5**	7434.988	39.97	-2.30	54.0	-14.03	AV	207.00	150	Vertical	Pass
6	11648.874	50.63	2.54	74.0	-23.37	Peak	31.00	150	Vertical	Pass
6**	11648.874	42.35	2.54	54.0	-11.65	AV	31.00	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	1537.200	39.29	-17.68	74.0	-34.71	Peak	48.00	150	Horizontal	Pass
1**	1537.200	28.72	-17.68	54.0	-25.28	AV	48.00	150	Horizontal	Pass
2	2872.000	43.89	-10.58	74.0	-30.11	Peak	264.00	150	Horizontal	Pass
2**	2872.000	34.47	-10.58	54.0	-19.53	AV	264.00	150	Horizontal	Pass
3	4015.800	47.71	-5.78	74.0	-26.29	Peak	163.00	150	Horizontal	Pass
3**	4015.800	37.52	-5.78	54.0	-16.48	AV	163.00	150	Horizontal	Pass
4	5743.400	96.28	-3.60	--	--	Peak	105.00	150	Horizontal	N/A
4**	5743.400	88.72	-3.60	--	--	AV	105.00	150	Horizontal	N/A
5	7474.375	49.81	-1.97	74.0	-24.19	Peak	42.00	150	Horizontal	Pass
5**	7474.375	39.50	-1.97	54.0	-14.50	AV	42.00	150	Horizontal	Pass
6	11686.250	51.29	2.41	74.0	-22.71	Peak	360.00	150	Horizontal	Pass
6**	11686.250	42.71	2.41	54.0	-11.29	AV	360.00	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	1542.100	38.39	-17.72	74.0	-35.61	Peak	280.00	150	Vertical	Pass
1**	1542.100	29.07	-17.72	54.0	-24.93	AV	280.00	150	Vertical	Pass
2	2785.400	43.64	-11.11	74.0	-30.36	Peak	242.00	150	Vertical	Pass
2**	2785.400	33.28	-11.11	54.0	-20.72	AV	242.00	150	Vertical	Pass
3	4269.000	48.32	-4.83	74.0	-25.68	Peak	33.00	150	Vertical	Pass
3**	4269.000	39.67	-4.83	54.0	-14.33	AV	33.00	150	Vertical	Pass
4	5742.000	93.04	-3.63	--	--	Peak	77.00	150	Vertical	N/A
4**	5742.000	85.53	-3.63	--	--	AV	77.00	150	Vertical	N/A
5	7368.288	48.75	-1.94	74.0	-25.25	Peak	253.00	150	Vertical	Pass
5**	7368.288	39.38	-1.94	54.0	-14.62	AV	253.00	150	Vertical	Pass
6	11664.400	51.93	2.50	74.0	-22.07	Peak	244.00	150	Vertical	Pass
6**	11664.400	42.24	2.50	54.0	-11.76	AV	244.00	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	1605.700	39.51	-17.72	74.0	-34.49	Peak	225.00	150	Horizontal	Pass
1**	1605.700	29.42	-17.72	54.0	-24.58	AV	225.00	150	Horizontal	Pass
2	2820.100	43.53	-10.62	74.0	-30.47	Peak	1.00	150	Horizontal	Pass
2**	2820.100	33.78	-10.62	54.0	-20.22	AV	1.00	150	Horizontal	Pass
3	4010.400	47.20	-5.82	74.0	-26.80	Peak	345.00	150	Horizontal	Pass
3**	4010.400	38.12	-5.82	54.0	-15.88	AV	345.00	150	Horizontal	Pass
4	5783.800	96.25	-3.04	--	--	Peak	98.00	150	Horizontal	N/A
4**	5783.800	88.92	-3.04	--	--	AV	98.00	150	Horizontal	N/A
5	7375.475	48.91	-1.77	74.0	-25.09	Peak	290.00	150	Horizontal	Pass
5**	7375.475	39.58	-1.77	54.0	-14.42	AV	290.00	150	Horizontal	Pass
6	12210.938	51.21	2.58	74.0	-22.79	Peak	345.00	150	Horizontal	Pass
6**	12210.938	42.59	2.58	54.0	-11.41	AV	345.00	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	1604.300	39.68	-17.69	74.0	-34.32	Peak	57.00	150	Vertical	Pass
1**	1604.300	28.60	-17.69	54.0	-25.40	AV	57.00	150	Vertical	Pass
2	2724.400	43.52	-10.77	74.0	-30.48	Peak	241.00	150	Vertical	Pass
2**	2724.400	33.53	-10.77	54.0	-20.47	AV	241.00	150	Vertical	Pass
3	4061.400	47.88	-5.48	74.0	-26.12	Peak	318.00	150	Vertical	Pass
3**	4061.400	38.98	-5.48	54.0	-15.02	AV	318.00	150	Vertical	Pass
4	5783.200	92.60	-3.06	--	--	Peak	135.00	150	Vertical	N/A
4**	5783.200	85.07	-3.06	--	--	AV	135.00	150	Vertical	N/A
5	7415.725	49.32	-1.98	74.0	-24.68	Peak	199.00	150	Vertical	Pass
5**	7415.725	39.97	-1.98	54.0	-14.03	AV	199.00	150	Vertical	Pass
6	11671.588	51.75	2.47	74.0	-22.25	Peak	181.00	150	Vertical	Pass
6**	11671.588	41.84	2.47	54.0	-12.16	AV	181.00	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	1467.400	38.91	-17.72	74.0	-35.09	Peak	1.00	150	Horizontal	Pass
1**	1467.400	28.93	-17.72	54.0	-25.07	AV	1.00	150	Horizontal	Pass
2	2764.800	43.61	-11.18	74.0	-30.39	Peak	126.00	150	Horizontal	Pass
2**	2764.800	35.35	-11.18	54.0	-18.65	AV	126.00	150	Horizontal	Pass
3	4189.400	48.17	-5.25	74.0	-25.83	Peak	295.00	150	Horizontal	Pass
3**	4189.400	39.01	-5.25	54.0	-14.99	AV	295.00	150	Horizontal	Pass
4	5826.600	95.82	-2.74	--	--	Peak	106.00	150	Horizontal	N/A
4**	5826.600	89.06	-2.74	--	--	AV	106.00	150	Horizontal	N/A
5	7384.100	48.83	-1.76	74.0	-25.17	Peak	360.00	150	Horizontal	Pass
5**	7384.100	39.71	-1.76	54.0	-14.29	AV	360.00	150	Horizontal	Pass
6	11648.874	51.75	2.54	74.0	-22.25	Peak	245.00	150	Horizontal	Pass
6**	11648.874	42.04	2.54	54.0	-11.96	AV	245.00	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	1541.200	38.40	-17.74	74.0	-35.60	Peak	7.00	150	Vertical	Pass
1**	1541.200	30.04	-17.74	54.0	-23.96	AV	7.00	150	Vertical	Pass
2	2744.800	43.81	-10.72	74.0	-30.19	Peak	190.00	150	Vertical	Pass
2**	2744.800	34.27	-10.72	54.0	-19.73	AV	190.00	150	Vertical	Pass
3	3768.600	46.89	-6.17	74.0	-27.11	Peak	11.00	150	Vertical	Pass
3**	3768.600	36.79	-6.17	54.0	-17.21	AV	11.00	150	Vertical	Pass
4	5826.000	92.67	-2.74	--	--	Peak	135.00	150	Vertical	N/A
4**	5826.000	85.92	-2.74	--	--	AV	135.00	150	Vertical	N/A
5	7440.450	48.78	-2.34	74.0	-25.22	Peak	190.00	150	Vertical	Pass
5**	7440.450	39.54	-2.34	54.0	-14.46	AV	190.00	150	Vertical	Pass
6	11682.800	51.60	2.43	74.0	-22.40	Peak	272.00	150	Vertical	Pass
6**	11682.800	43.32	2.43	54.0	-10.68	AV	272.00	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	1335.600	38.77	-17.71	74.0	-35.23	Peak	230.00	150	Horizontal	Pass
1**	1335.600	29.65	-17.71	54.0	-24.35	AV	230.00	150	Horizontal	Pass
2	2808.500	44.03	-10.88	74.0	-29.97	Peak	319.00	150	Horizontal	Pass
2**	2808.500	34.23	-10.88	54.0	-19.77	AV	319.00	150	Horizontal	Pass
3	3848.000	47.58	-6.12	74.0	-26.42	Peak	213.00	150	Horizontal	Pass
3**	3848.000	36.07	-6.12	54.0	-17.93	AV	213.00	150	Horizontal	Pass
4	5742.000	95.42	-3.63	--	--	Peak	249.00	150	Horizontal	N/A
4**	5742.000	86.81	-3.63	--	--	AV	249.00	150	Horizontal	N/A
5	7421.188	48.85	-2.06	74.0	-25.15	Peak	217.00	150	Horizontal	Pass
5**	7421.188	39.26	-2.06	54.0	-14.74	AV	217.00	150	Horizontal	Pass
6	12359.287	51.05	1.99	74.0	-22.95	Peak	346.00	150	Horizontal	Pass
6**	12359.287	41.67	1.99	54.0	-12.33	AV	346.00	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	1579.400	38.66	-17.52	74.0	-35.34	Peak	258.00	150	Vertical	Pass
1**	1579.400	28.82	-17.52	54.0	-25.18	AV	258.00	150	Vertical	Pass
2	2810.600	43.75	-10.83	74.0	-30.25	Peak	81.00	150	Vertical	Pass
2**	2810.600	34.32	-10.83	54.0	-19.68	AV	81.00	150	Vertical	Pass
3	4117.400	47.63	-5.50	74.0	-26.37	Peak	0.00	150	Vertical	Pass
3**	4117.400	38.13	-5.50	54.0	-15.87	AV	0.00	150	Vertical	Pass
4	5747.000	92.83	-3.59	--	--	Peak	351.00	150	Vertical	N/A
4**	5747.000	84.92	-3.59	--	--	AV	351.00	150	Vertical	N/A
5	7388.412	49.87	-1.74	74.0	-24.13	Peak	345.00	150	Vertical	Pass
5**	7388.412	40.08	-1.74	54.0	-13.92	AV	345.00	150	Vertical	Pass
6	11683.375	51.01	2.42	74.0	-22.99	Peak	318.00	150	Vertical	Pass
6**	11683.375	42.58	2.42	54.0	-11.42	AV	318.00	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	1524.900	38.41	-17.71	74.0	-35.59	Peak	340.00	150	Horizontal	Pass
1**	1524.900	29.80	-17.71	54.0	-24.20	AV	340.00	150	Horizontal	Pass
2	2826.900	43.32	-10.52	74.0	-30.68	Peak	36.00	150	Horizontal	Pass
2**	2826.900	33.81	-10.52	54.0	-20.19	AV	36.00	150	Horizontal	Pass
3	4208.600	48.52	-5.07	74.0	-25.48	Peak	0.00	150	Horizontal	Pass
3**	4208.600	38.42	-5.07	54.0	-15.58	AV	0.00	150	Horizontal	Pass
4	5783.800	95.33	-3.04	--	--	Peak	61.00	150	Horizontal	N/A
4**	5783.800	88.44	-3.04	--	--	AV	61.00	150	Horizontal	N/A
5	7437.000	49.03	-2.34	74.0	-24.97	Peak	162.00	150	Horizontal	Pass
5**	7437.000	39.34	-2.34	54.0	-14.66	AV	162.00	150	Horizontal	Pass
6	12226.175	50.95	2.61	74.0	-23.05	Peak	52.00	150	Horizontal	Pass
6**	12226.175	42.48	2.61	54.0	-11.52	AV	52.00	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	1504.400	38.36	-17.85	74.0	-35.64	Peak	236.00	150	Vertical	Pass
1**	1504.400	28.87	-17.85	54.0	-25.13	AV	236.00	150	Vertical	Pass
2	2823.300	43.55	-10.52	74.0	-30.45	Peak	360.00	150	Vertical	Pass
2**	2823.300	34.40	-10.52	54.0	-19.60	AV	360.00	150	Vertical	Pass
3	4232.200	48.06	-5.04	74.0	-25.94	Peak	287.00	150	Vertical	Pass
3**	4232.200	38.71	-5.04	54.0	-15.29	AV	287.00	150	Vertical	Pass
4	5786.000	92.63	-3.00	--	--	Peak	134.00	150	Vertical	N/A
4**	5786.000	85.98	-3.00	--	--	AV	134.00	150	Vertical	N/A
5	7477.250	48.87	-1.96	74.0	-25.13	Peak	200.00	150	Vertical	Pass
5**	7477.250	39.33	-1.96	54.0	-14.67	AV	200.00	150	Vertical	Pass
6	11687.687	52.07	2.40	74.0	-21.93	Peak	26.00	150	Vertical	Pass
6**	11687.687	42.36	2.40	54.0	-11.64	AV	26.00	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	1036.600	40.13	-18.50	74.0	-33.87	Peak	265.00	150	Horizontal	Pass
1**	1036.600	29.39	-18.50	54.0	-24.61	AV	265.00	150	Horizontal	Pass
2	2837.200	43.32	-10.82	74.0	-30.68	Peak	22.00	150	Horizontal	Pass
2**	2837.200	34.10	-10.82	54.0	-19.90	AV	22.00	150	Horizontal	Pass
3	4252.800	48.50	-4.72	74.0	-25.50	Peak	322.00	150	Horizontal	Pass
3**	4252.800	38.42	-4.72	54.0	-15.58	AV	322.00	150	Horizontal	Pass
4	5823.400	96.57	-2.75	--	--	Peak	90.00	150	Horizontal	N/A
4**	5823.400	88.76	-2.75	--	--	AV	90.00	150	Horizontal	N/A
5	7551.712	48.90	-1.57	74.0	-25.10	Peak	245.00	150	Horizontal	Pass
5**	7551.712	40.13	-1.57	54.0	-13.87	AV	245.00	150	Horizontal	Pass
6	11663.250	50.98	2.50	74.0	-23.02	Peak	282.00	150	Horizontal	Pass
6**	11663.250	43.28	2.50	54.0	-10.72	AV	282.00	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	1520.600	38.27	-17.70	74.0	-35.73	Peak	333.00	150	Vertical	Pass
1**	1520.600	28.88	-17.70	54.0	-25.12	AV	333.00	150	Vertical	Pass
2	2823.500	43.75	-10.52	74.0	-30.25	Peak	64.00	150	Vertical	Pass
2**	2823.500	34.48	-10.52	54.0	-19.52	AV	64.00	150	Vertical	Pass
3	4157.000	47.76	-5.12	74.0	-26.24	Peak	324.00	150	Vertical	Pass
3**	4157.000	38.13	-5.12	54.0	-15.87	AV	324.00	150	Vertical	Pass
4	5823.000	92.99	-2.75	--	--	Peak	134.00	150	Vertical	N/A
4**	5823.000	85.48	-2.75	--	--	AV	134.00	150	Vertical	N/A
5	7464.888	48.74	-2.07	74.0	-25.26	Peak	209.00	150	Vertical	Pass
5**	7464.888	39.37	-2.07	54.0	-14.63	AV	209.00	150	Vertical	Pass
6	11637.950	51.25	2.42	74.0	-22.75	Peak	236.00	150	Vertical	Pass
6**	11637.950	41.47	2.42	54.0	-12.53	AV	236.00	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	1532.000	38.57	-17.76	74.0	-35.43	Peak	218.00	150	Horizontal	Pass
1**	1532.000	28.85	-17.76	54.0	-25.15	AV	218.00	150	Horizontal	Pass
2	2801.600	43.41	-11.11	74.0	-30.59	Peak	270.00	150	Horizontal	Pass
2**	2801.600	34.09	-11.11	54.0	-19.91	AV	270.00	150	Horizontal	Pass
3	4111.200	47.64	-5.41	74.0	-26.36	Peak	150.00	150	Horizontal	Pass
3**	4111.200	38.40	-5.41	54.0	-15.60	AV	150.00	150	Horizontal	Pass
4	5752.000	92.43	-3.52	--	--	Peak	99.00	150	Horizontal	N/A
4**	5752.000	84.64	-3.52	--	--	AV	99.00	150	Horizontal	N/A
5	7405.087	49.16	-1.72	74.0	-24.84	Peak	12.00	150	Horizontal	Pass
5**	7405.087	40.22	-1.72	54.0	-13.78	AV	12.00	150	Horizontal	Pass
6	11749.787	51.45	1.55	74.0	-22.55	Peak	273.00	150	Horizontal	Pass
6**	11749.787	41.71	1.55	54.0	-12.29	AV	273.00	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	1561.800	38.38	-17.66	74.0	-35.62	Peak	194.00	150	Vertical	Pass
1**	1561.800	28.97	-17.66	54.0	-25.03	AV	194.00	150	Vertical	Pass
2	2818.800	44.34	-10.62	74.0	-29.66	Peak	357.00	150	Vertical	Pass
2**	2818.800	33.93	-10.62	54.0	-20.07	AV	357.00	150	Vertical	Pass
3	4001.000	47.21	-5.68	74.0	-26.79	Peak	34.00	150	Vertical	Pass
3**	4001.000	37.28	-5.68	54.0	-16.72	AV	34.00	150	Vertical	Pass
4	5752.200	90.19	-3.52	--	--	Peak	79.00	150	Vertical	N/A
4**	5752.200	83.19	-3.52	--	--	AV	79.00	150	Vertical	N/A
5	7537.625	49.31	-1.70	74.0	-24.69	Peak	32.00	150	Vertical	Pass
5**	7537.625	40.85	-1.70	54.0	-13.15	AV	32.00	150	Vertical	Pass
6	12324.500	51.49	2.17	74.0	-22.51	Peak	264.00	150	Vertical	Pass
6**	12324.500	40.98	2.17	54.0	-13.02	AV	264.00	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	1569.400	38.78	-17.59	74.0	-35.22	Peak	72.00	150	Horizontal	Pass
1**	1569.400	29.16	-17.59	54.0	-24.84	AV	72.00	150	Horizontal	Pass
2	2809.000	43.59	-10.86	74.0	-30.41	Peak	183.00	150	Horizontal	Pass
2**	2809.000	34.14	-10.86	54.0	-19.86	AV	183.00	150	Horizontal	Pass
3	3784.400	46.49	-5.54	74.0	-27.51	Peak	291.00	150	Horizontal	Pass
3**	3784.400	37.24	-5.54	54.0	-16.76	AV	291.00	150	Horizontal	Pass
4	5804.400	93.01	-2.65	--	--	Peak	65.00	150	Horizontal	N/A
4**	5804.400	84.63	-2.65	--	--	AV	65.00	150	Horizontal	N/A
5	7418.888	49.10	-2.03	74.0	-24.90	Peak	1.00	150	Horizontal	Pass
5**	7418.888	40.01	-2.03	54.0	-13.99	AV	1.00	150	Horizontal	Pass
6	11668.425	51.79	2.48	74.0	-22.21	Peak	85.00	150	Horizontal	Pass
6**	11668.425	42.23	2.48	54.0	-11.77	AV	85.00	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	1356.000	38.39	-17.55	74.0	-35.61	Peak	348.00	150	Vertical	Pass
1**	1356.000	29.82	-17.55	54.0	-24.18	AV	348.00	150	Vertical	Pass
2	2844.100	43.08	-10.81	74.0	-30.92	Peak	360.00	150	Vertical	Pass
2**	2844.100	33.93	-10.81	54.0	-20.07	AV	360.00	150	Vertical	Pass
3	4048.600	47.42	-5.42	74.0	-26.58	Peak	347.00	150	Vertical	Pass
3**	4048.600	38.06	-5.42	54.0	-15.94	AV	347.00	150	Vertical	Pass
4	5791.200	90.49	-2.86	--	--	Peak	48.00	150	Vertical	N/A
4**	5791.200	82.17	-2.86	--	--	AV	48.00	150	Vertical	N/A
5	7402.500	49.13	-1.65	74.0	-24.87	Peak	4.00	150	Vertical	Pass
5**	7402.500	39.66	-1.65	54.0	-14.34	AV	4.00	150	Vertical	Pass
6	11680.500	51.36	2.44	74.0	-22.64	Peak	123.00	150	Vertical	Pass
6**	11680.500	42.24	2.44	54.0	-11.76	AV	123.00	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	1359.100	38.41	-17.60	74.0	-35.59	Peak	47.00	150	Horizontal	Pass
1**	1359.100	28.30	-17.60	54.0	-25.70	AV	47.00	150	Horizontal	Pass
2	2740.700	43.72	-10.70	74.0	-30.28	Peak	253.00	150	Horizontal	Pass
2**	2740.700	33.89	-10.70	54.0	-20.11	AV	253.00	150	Horizontal	Pass
3	4025.800	47.24	-5.53	74.0	-26.76	Peak	330.00	150	Horizontal	Pass
3**	4025.800	37.72	-5.53	54.0	-16.28	AV	330.00	150	Horizontal	Pass
4	5743.800	94.52	-3.59	--	--	Peak	258.00	150	Horizontal	N/A
4**	5743.800	87.85	-3.59	--	--	AV	258.00	150	Horizontal	N/A
5	7402.212	49.11	-1.65	74.0	-24.89	Peak	153.00	150	Horizontal	Pass
5**	7402.212	39.90	-1.65	54.0	-14.10	AV	153.00	150	Horizontal	Pass
6	12312.138	50.84	2.23	74.0	-23.16	Peak	272.00	150	Horizontal	Pass
6**	12312.138	42.19	2.23	54.0	-11.81	AV	272.00	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	1579.700	38.40	-17.52	74.0	-35.60	Peak	360.00	150	Vertical	Pass
1**	1579.700	29.91	-17.52	54.0	-24.09	AV	360.00	150	Vertical	Pass
2	2786.900	43.86	-11.08	74.0	-30.14	Peak	124.00	150	Vertical	Pass
2**	2786.900	33.77	-11.08	54.0	-20.23	AV	124.00	150	Vertical	Pass
3	4229.400	48.58	-4.93	74.0	-25.42	Peak	185.00	150	Vertical	Pass
3**	4229.400	39.29	-4.93	54.0	-14.71	AV	185.00	150	Vertical	Pass
4	5742.200	92.40	-3.63	--	--	Peak	76.00	150	Vertical	N/A
4**	5742.200	84.80	-3.63	--	--	AV	76.00	150	Vertical	N/A
5	7553.725	48.91	-1.56	74.0	-25.09	Peak	290.00	150	Vertical	Pass
5**	7553.725	39.58	-1.56	54.0	-14.42	AV	290.00	150	Vertical	Pass
6	12223.588	50.88	2.61	74.0	-23.12	Peak	181.00	150	Vertical	Pass
6**	12223.588	42.17	2.61	54.0	-11.83	AV	181.00	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	1186.800	38.67	-18.29	74.0	-35.33	Peak	14.00	150	Horizontal	Pass
1**	1186.800	29.09	-18.29	54.0	-24.91	AV	14.00	150	Horizontal	Pass
2	2756.900	42.94	-10.91	74.0	-31.06	Peak	1.00	150	Horizontal	Pass
2**	2756.900	34.00	-10.91	54.0	-20.00	AV	1.00	150	Horizontal	Pass
3	4647.200	49.59	-4.27	74.0	-24.41	Peak	234.00	150	Horizontal	Pass
3**	4647.200	38.94	-4.27	54.0	-15.06	AV	234.00	150	Horizontal	Pass
4	5784.400	96.02	-3.03	--	--	Peak	0.00	150	Horizontal	N/A
4**	5784.400	95.74	-3.03	--	--	AV	0.00	150	Horizontal	N/A
5	7537.337	48.87	-1.70	74.0	-25.13	Peak	245.00	150	Horizontal	Pass
5**	7537.337	39.87	-1.70	54.0	-14.13	AV	245.00	150	Horizontal	Pass
6	11652.901	51.55	2.54	74.0	-22.45	Peak	42.00	150	Horizontal	Pass
6**	11652.901	41.78	2.54	54.0	-12.22	AV	42.00	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	1385.400	39.39	-17.47	74.0	-34.61	Peak	0.00	150	Vertical	Pass
1**	1385.400	29.22	-17.47	54.0	-24.78	AV	0.00	150	Vertical	Pass
2	2762.400	43.63	-11.11	74.0	-30.37	Peak	213.00	150	Vertical	Pass
2**	2762.400	33.52	-11.11	54.0	-20.48	AV	213.00	150	Vertical	Pass
3	4041.400	47.96	-5.38	74.0	-26.04	Peak	113.00	150	Vertical	Pass
3**	4041.400	37.82	-5.38	54.0	-16.18	AV	113.00	150	Vertical	Pass
4	5784.400	98.88	-3.03	--	--	Peak	339.00	150	Vertical	N/A
4**	5784.400	98.59	-3.03	--	--	AV	339.00	150	Vertical	N/A
5	7375.187	48.79	-1.77	74.0	-25.21	Peak	81.00	150	Vertical	Pass
5**	7375.187	39.00	-1.77	54.0	-15.00	AV	81.00	150	Vertical	Pass
6	11679.350	50.63	2.44	74.0	-23.37	Peak	264.00	150	Vertical	Pass
6**	11679.350	43.19	2.44	54.0	-10.81	AV	264.00	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	1539.100	38.55	-17.75	74.0	-35.45	Peak	359.00	150	Horizontal	Pass
1**	1539.100	28.89	-17.75	54.0	-25.11	AV	359.00	150	Horizontal	Pass
2	2822.800	43.37	-10.52	74.0	-30.63	Peak	74.00	150	Horizontal	Pass
2**	2822.800	34.47	-10.52	54.0	-19.53	AV	74.00	150	Horizontal	Pass
3	4204.000	48.14	-5.17	74.0	-25.86	Peak	196.00	150	Horizontal	Pass
3**	4204.000	38.19	-5.17	54.0	-15.81	AV	196.00	150	Horizontal	Pass
4	5826.200	95.10	-2.74	--	--	Peak	87.00	150	Horizontal	N/A
4**	5826.200	87.85	-2.74	--	--	AV	87.00	150	Horizontal	N/A
5	7398.475	49.59	-1.62	74.0	-24.41	Peak	290.00	150	Horizontal	Pass
5**	7398.475	39.52	-1.62	54.0	-14.48	AV	290.00	150	Horizontal	Pass
6	11663.537	51.66	2.50	74.0	-22.34	Peak	360.00	150	Horizontal	Pass
6**	11663.537	42.36	2.50	54.0	-11.64	AV	360.00	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	1559.300	38.80	-17.64	74.0	-35.20	Peak	36.00	150	Vertical	Pass
1**	1559.300	29.52	-17.64	54.0	-24.48	AV	36.00	150	Vertical	Pass
2	2813.300	43.32	-10.82	74.0	-30.68	Peak	91.00	150	Vertical	Pass
2**	2813.300	34.29	-10.82	54.0	-19.71	AV	91.00	150	Vertical	Pass
3	3871.800	46.80	-6.46	74.0	-27.20	Peak	159.00	150	Vertical	Pass
3**	3871.800	36.59	-6.46	54.0	-17.41	AV	159.00	150	Vertical	Pass
4	5824.000	91.22	-2.75	--	--	Peak	129.00	150	Vertical	N/A
4**	5824.000	85.19	-2.75	--	--	AV	129.00	150	Vertical	N/A
5	7428.375	49.12	-2.19	74.0	-24.88	Peak	5.00	150	Vertical	Pass
5**	7428.375	39.27	-2.19	54.0	-14.73	AV	5.00	150	Vertical	Pass
6	11652.612	51.79	2.55	74.0	-22.21	Peak	310.00	150	Vertical	Pass
6**	11652.612	42.05	2.55	54.0	-11.95	AV	310.00	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	1481.600	38.14	-17.75	74.0	-35.86	Peak	0.00	150	Horizontal	Pass
1**	1481.600	28.36	-17.75	54.0	-25.64	AV	0.00	150	Horizontal	Pass
2	2784.100	43.28	-11.15	74.0	-30.72	Peak	259.00	150	Horizontal	Pass
2**	2784.100	33.26	-11.15	54.0	-20.74	AV	259.00	150	Horizontal	Pass
3	4626.000	49.60	-4.29	74.0	-24.40	Peak	296.00	150	Horizontal	Pass
3**	4626.000	39.61	-4.29	54.0	-14.39	AV	296.00	150	Horizontal	Pass
4	5758.200	92.05	-3.51	--	--	Peak	93.00	150	Horizontal	N/A
4**	5758.200	84.16	-3.51	--	--	AV	93.00	150	Horizontal	N/A
5	7398.762	49.83	-1.61	74.0	-24.17	Peak	40.00	150	Horizontal	Pass
5**	7398.762	40.17	-1.61	54.0	-13.83	AV	40.00	150	Horizontal	Pass
6	11620.125	50.86	2.23	74.0	-23.14	Peak	179.00	150	Horizontal	Pass
6**	11620.125	41.36	2.23	54.0	-12.64	AV	179.00	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	1557.100	38.25	-17.74	74.0	-35.75	Peak	8.00	150	Vertical	Pass
1**	1557.100	29.04	-17.74	54.0	-24.96	AV	8.00	150	Vertical	Pass
2	2793.700	43.62	-11.20	74.0	-30.38	Peak	148.00	150	Vertical	Pass
2**	2793.700	33.78	-11.20	54.0	-20.22	AV	148.00	150	Vertical	Pass
3	4280.400	49.58	-4.80	74.0	-24.42	Peak	18.00	150	Vertical	Pass
3**	4280.400	38.52	-4.80	54.0	-15.48	AV	18.00	150	Vertical	Pass
4	5757.000	90.06	-3.51	--	--	Peak	77.00	150	Vertical	N/A
4**	5757.000	81.99	-3.51	--	--	AV	77.00	150	Vertical	N/A
5	7414.575	49.13	-1.90	74.0	-24.87	Peak	5.00	150	Vertical	Pass
5**	7414.575	39.56	-1.90	54.0	-14.44	AV	5.00	150	Vertical	Pass
6	12241.700	50.91	2.65	74.0	-23.09	Peak	0.00	150	Vertical	Pass
6**	12241.700	42.13	2.65	54.0	-11.87	AV	0.00	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	1514.200	38.68	-17.79	74.0	-35.32	Peak	105.00	150	Horizontal	Pass
1**	1514.200	29.77	-17.79	54.0	-24.23	AV	105.00	150	Horizontal	Pass
2	2768.300	43.65	-11.22	74.0	-30.35	Peak	8.00	150	Horizontal	Pass
2**	2768.300	33.82	-11.22	54.0	-20.18	AV	8.00	150	Horizontal	Pass
3	4088.400	47.81	-4.96	74.0	-26.19	Peak	237.00	150	Horizontal	Pass
3**	4088.400	38.03	-4.96	54.0	-15.97	AV	237.00	150	Horizontal	Pass
4	5796.800	92.58	-2.73	--	--	Peak	69.00	150	Horizontal	N/A
4**	5796.800	84.84	-2.73	--	--	AV	69.00	150	Horizontal	N/A
5	7404.800	49.17	-1.71	74.0	-24.83	Peak	59.00	150	Horizontal	Pass
5**	7404.800	39.86	-1.71	54.0	-14.14	AV	59.00	150	Horizontal	Pass
6	11664.687	50.92	2.50	74.0	-23.08	Peak	59.00	150	Horizontal	Pass
6**	11664.687	41.93	2.50	54.0	-12.07	AV	59.00	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	1511.800	38.87	-17.80	74.0	-35.13	Peak	275.00	150	Vertical	Pass
1**	1511.800	28.87	-17.80	54.0	-25.13	AV	275.00	150	Vertical	Pass
2	2744.500	43.97	-10.71	74.0	-30.03	Peak	57.00	150	Vertical	Pass
2**	2744.500	33.97	-10.71	54.0	-20.03	AV	57.00	150	Vertical	Pass
3	4272.200	48.76	-4.78	74.0	-25.24	Peak	360.00	150	Vertical	Pass
3**	4272.200	38.37	-4.78	54.0	-15.63	AV	360.00	150	Vertical	Pass
4	5796.800	90.00	-2.73	--	--	Peak	47.00	150	Vertical	N/A
4**	5796.800	81.61	-2.73	--	--	AV	47.00	150	Vertical	N/A
5	7418.313	48.74	-2.03	74.0	-25.26	Peak	270.00	150	Vertical	Pass
5**	7418.313	39.55	-2.03	54.0	-14.45	AV	270.00	150	Vertical	Pass
6	12223.300	51.21	2.61	74.0	-22.79	Peak	360.00	150	Vertical	Pass
6**	12223.300	42.25	2.61	54.0	-11.75	AV	360.00	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	1514.500	38.20	-17.78	74.0	-35.80	Peak	284.00	150	Horizontal	Pass
1**	1514.500	29.91	-17.78	54.0	-24.09	AV	284.00	150	Horizontal	Pass
2	2723.300	43.31	-10.87	74.0	-30.69	Peak	310.00	150	Horizontal	Pass
2**	2723.300	33.65	-10.87	54.0	-20.35	AV	310.00	150	Horizontal	Pass
3	4039.000	48.02	-5.35	74.0	-25.98	Peak	0.00	150	Horizontal	Pass
3**	4039.000	37.98	-5.35	54.0	-16.02	AV	0.00	150	Horizontal	Pass
4	5768.200	89.48	-3.38	--	--	Peak	259.00	150	Horizontal	N/A
4**	5768.200	81.15	-3.38	--	--	AV	259.00	150	Horizontal	N/A
5	7403.075	49.11	-1.66	74.0	-24.89	Peak	93.00	150	Horizontal	Pass
5**	7403.075	39.71	-1.66	54.0	-14.29	AV	93.00	150	Horizontal	Pass
6	12257.225	51.03	2.60	74.0	-22.97	Peak	207.00	150	Horizontal	Pass
6**	12257.225	41.89	2.60	54.0	-12.11	AV	207.00	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	1349.100	39.35	-17.70	74.0	-34.65	Peak	123.00	150	Vertical	Pass
1**	1349.100	28.91	-17.70	54.0	-25.09	AV	123.00	150	Vertical	Pass
2	2772.100	43.66	-11.22	74.0	-30.34	Peak	7.00	150	Vertical	Pass
2**	2772.100	33.57	-11.22	54.0	-20.43	AV	7.00	150	Vertical	Pass
3	4331.600	48.67	-4.78	74.0	-25.33	Peak	310.00	150	Vertical	Pass
3**	4331.600	38.95	-4.78	54.0	-15.05	AV	310.00	150	Vertical	Pass
4	5772.000	86.64	-3.25	--	--	Peak	55.00	150	Vertical	N/A
4**	5772.000	78.44	-3.25	--	--	AV	55.00	150	Vertical	N/A
5	7391.000	49.66	-1.73	74.0	-24.34	Peak	123.00	150	Vertical	Pass
5**	7391.000	40.15	-1.73	54.0	-13.85	AV	123.00	150	Vertical	Pass
6	11673.888	52.04	2.46	74.0	-21.96	Peak	41.00	150	Vertical	Pass
6**	11673.888	42.55	2.46	54.0	-11.45	AV	41.00	150	Vertical	Pass

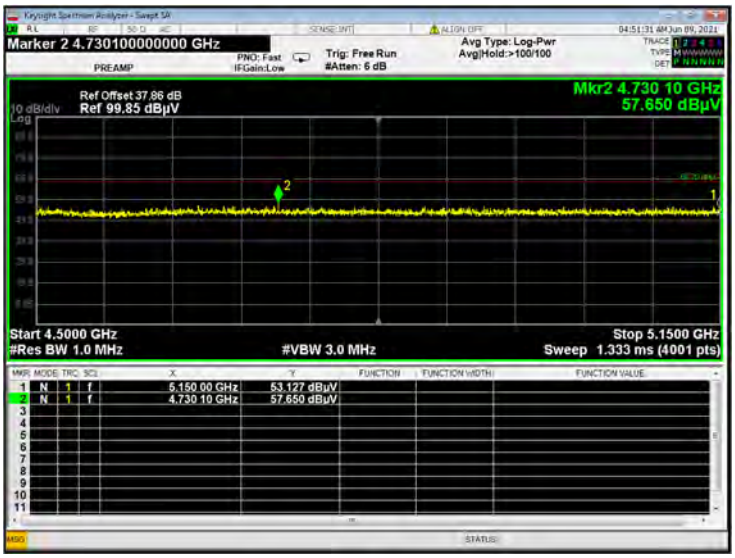
A.6.2 Band Edge (Restricted-band)

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
		144	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
		144	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
		142	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
		144	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
		142	Pass
	802.11ac(VHT80)	Low	Pass
		High	Pass
		138	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass

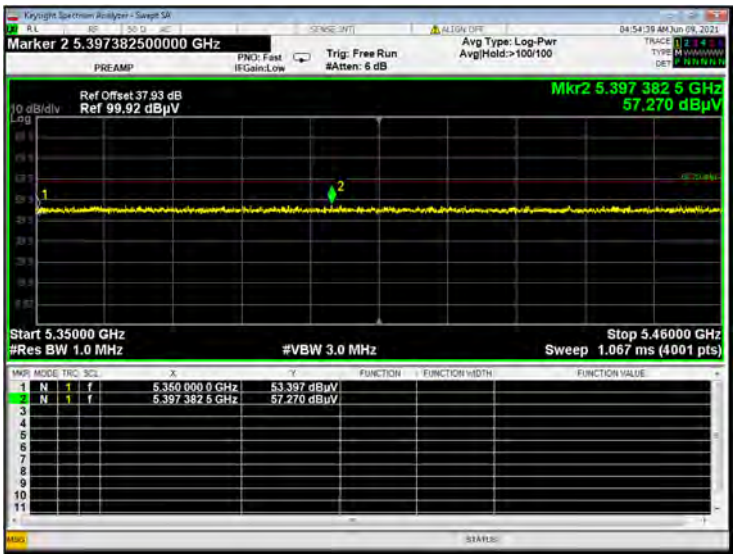
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass

Test Plots

U-NII-1 11a CH36 Peak



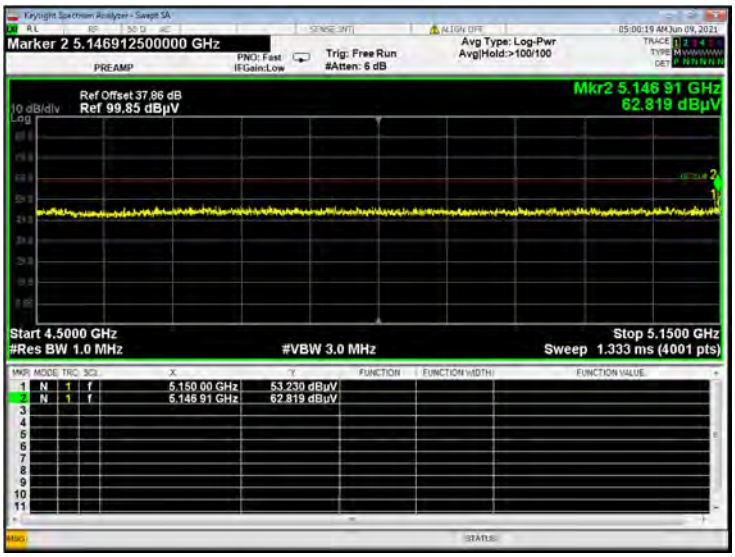
U-NII-1 11a CH48 Peak



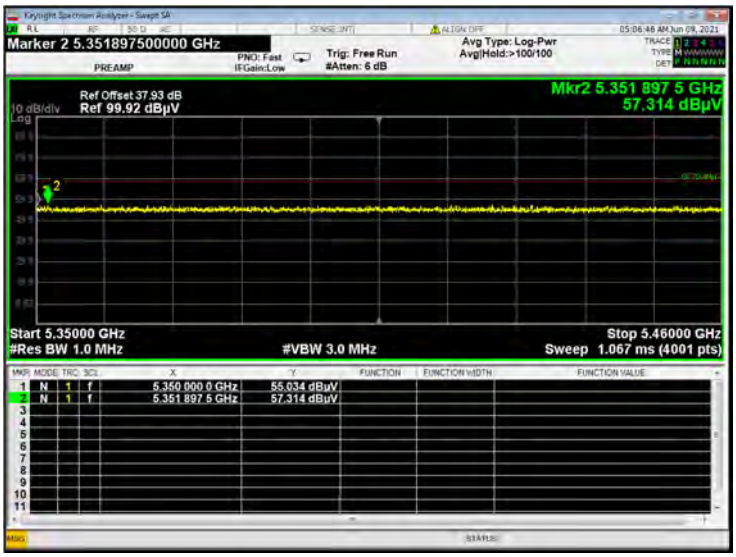
U-NII-1 11a CH36 AV

U-NII-1 11a CH48 AV

U-NII-1 11n20 CH36 Peak



U-NII-1 11n20 CH48 Peak

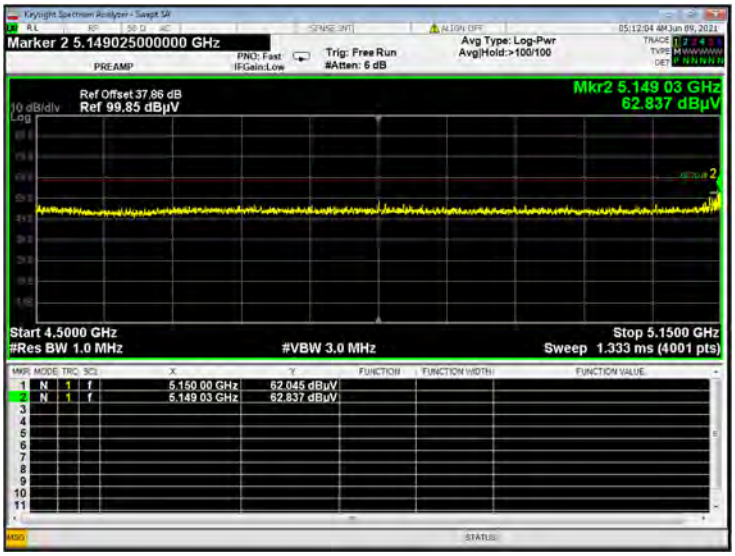


U-NII-1 11n20 CH36 AV

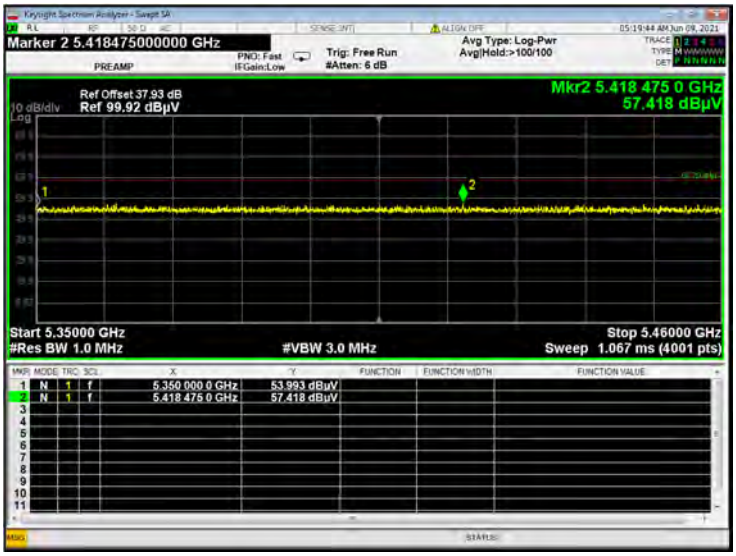
U-NII-1 11n20 CH48 AV

U-NII-1 11n20 CH48 AV

U-NII-1 11n40 CH38 Peak



U-NII-1 11n40 CH46 Peak

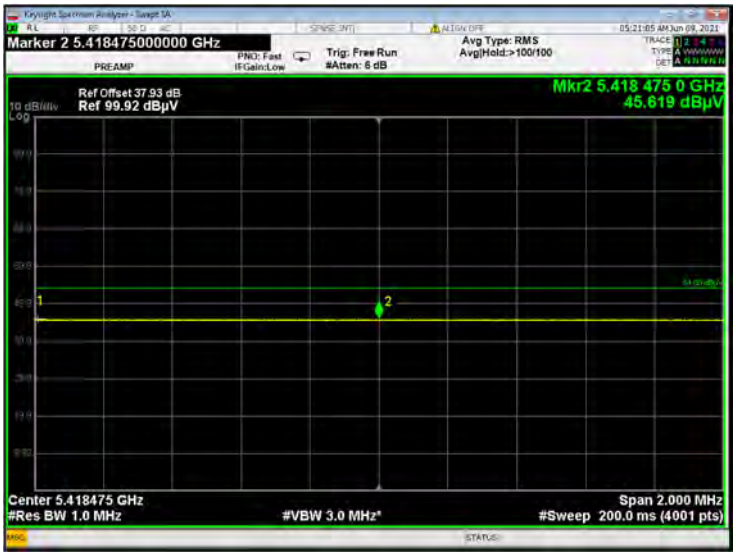


U-NII-1 11n40 CH38 AV

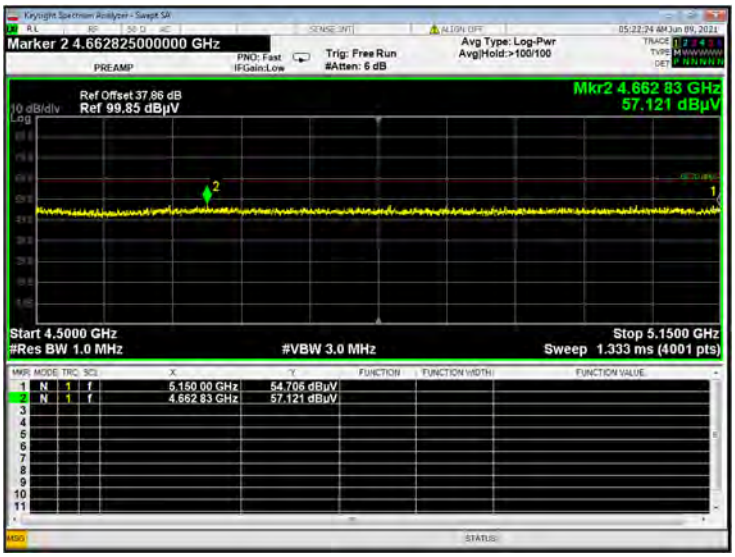
U-NII-1 11n40 CH38 AV

U-NII-1 11n40 CH46 AV

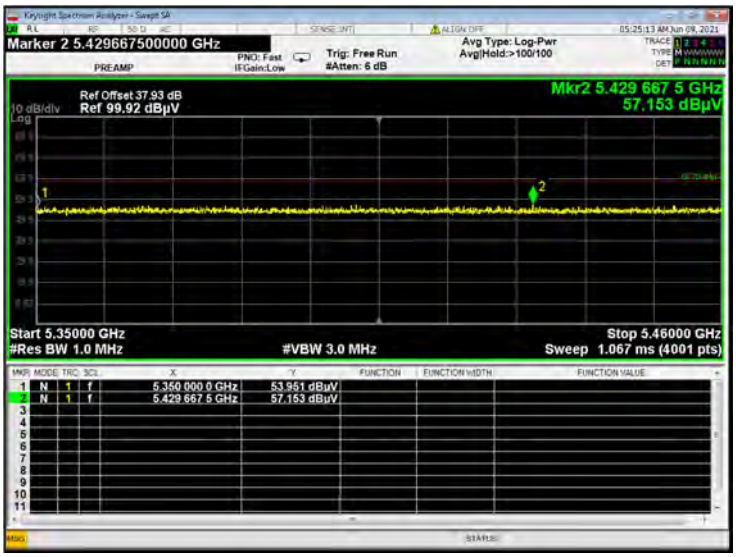
U-NII-1 11n40 CH46 AV



U-NII-1 11ac20 CH36 Peak



U-NII-1 11ac20 CH48 Peak

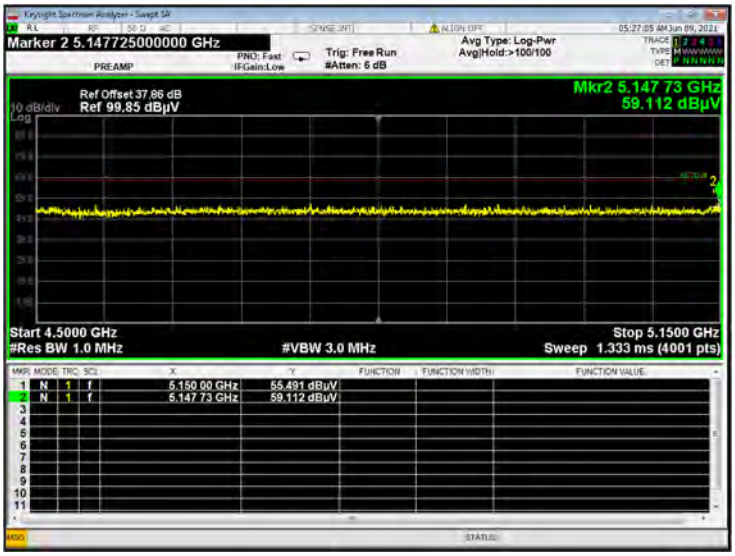


U-NII-1 11ac20 CH36 AV

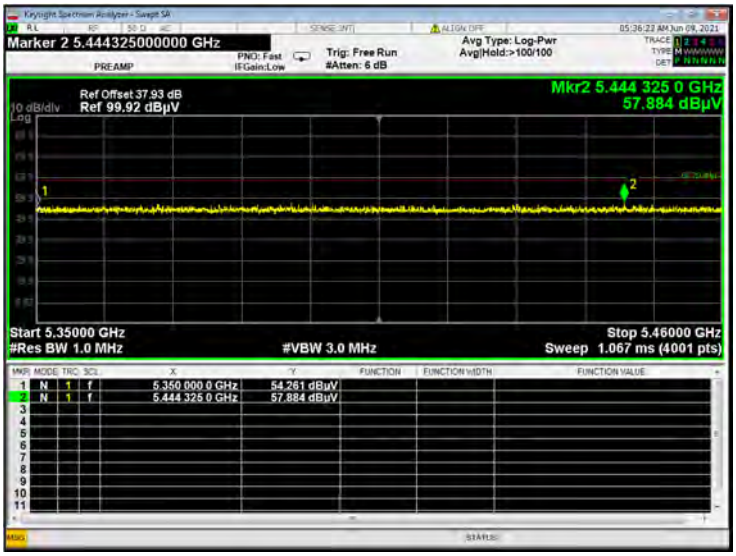
U-NII-1 11ac20 CH36 AV

U-NII-1 11ac20 CH48 AV

U-NII-1 11ac40 CH38 Peak



U-NII-1 11ac40 CH46 Peak



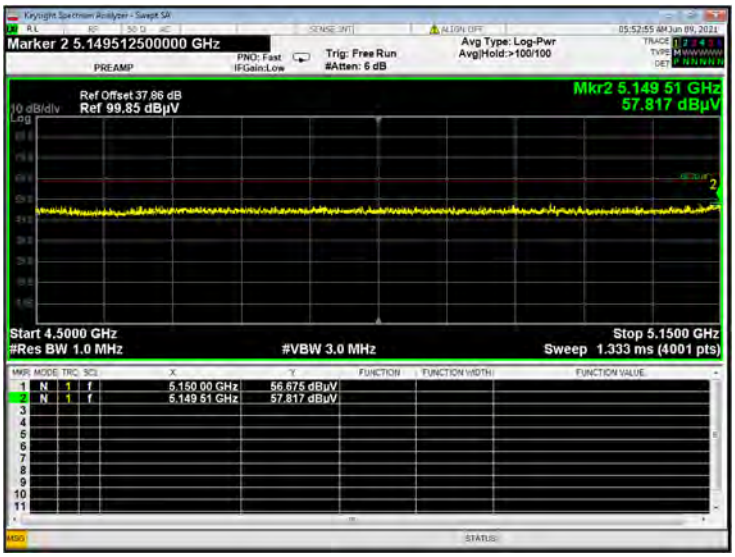
U-NII-1 11ac40 CH38 AV

U-NII-1 11ac40 CH38 AV

U-NII-1 11ac40 CH46 AV

U-NII-1 11ac40 CH46 AV

U-NII-1 11ac80 CH42 Peak



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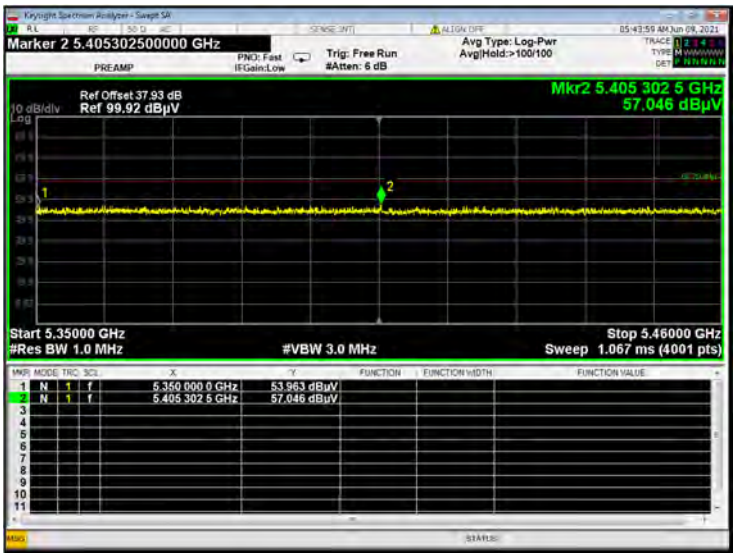
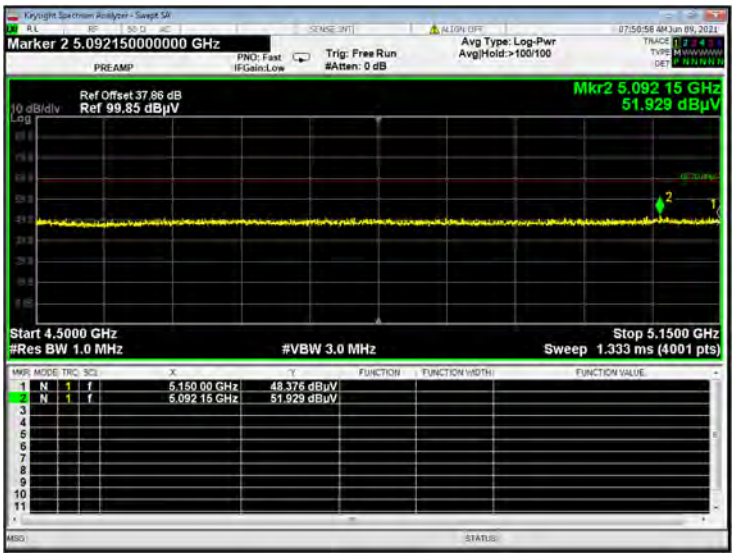


U-NII-1 11ac80 CH42 AV

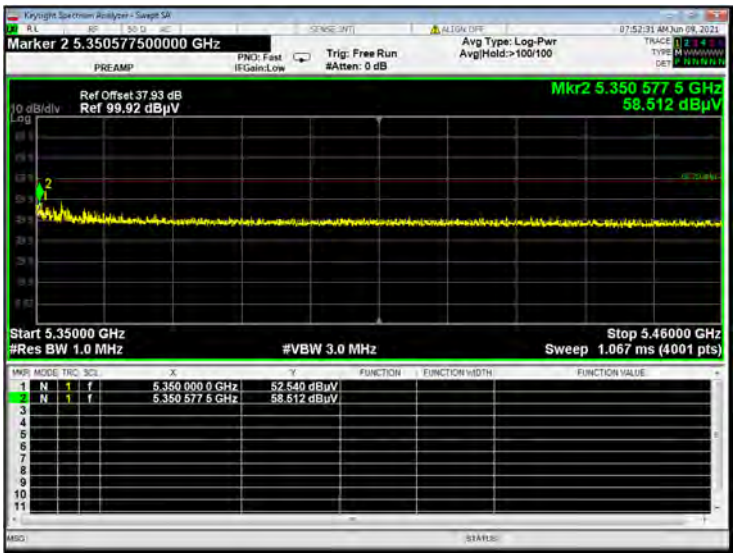
U-NII-1 11ac80 CH42 AV

U-NII-1 11ac80 CH42 AV

U-NII-2A 11a CH52 Peak



U-NII-2A 11a CH64 Peak



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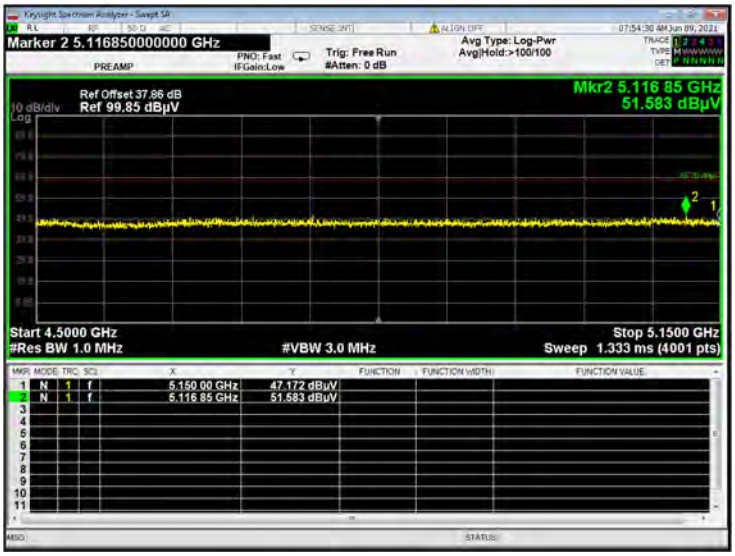
U-NII-2A 11n20 CH52 Peak



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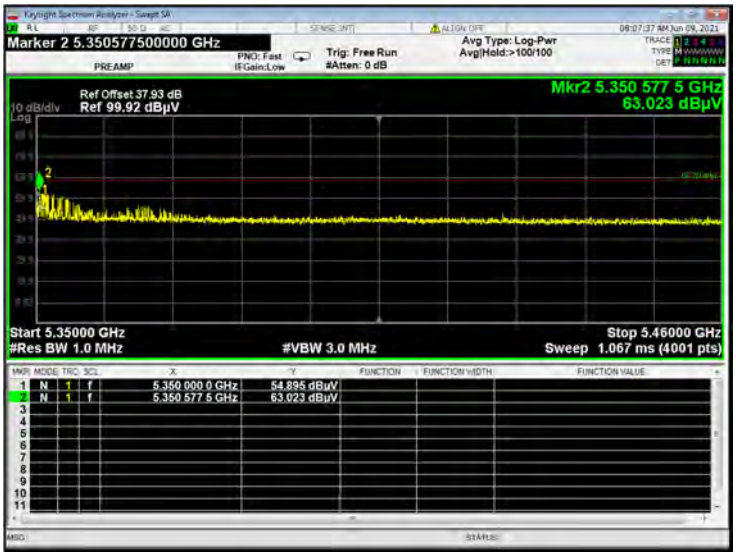
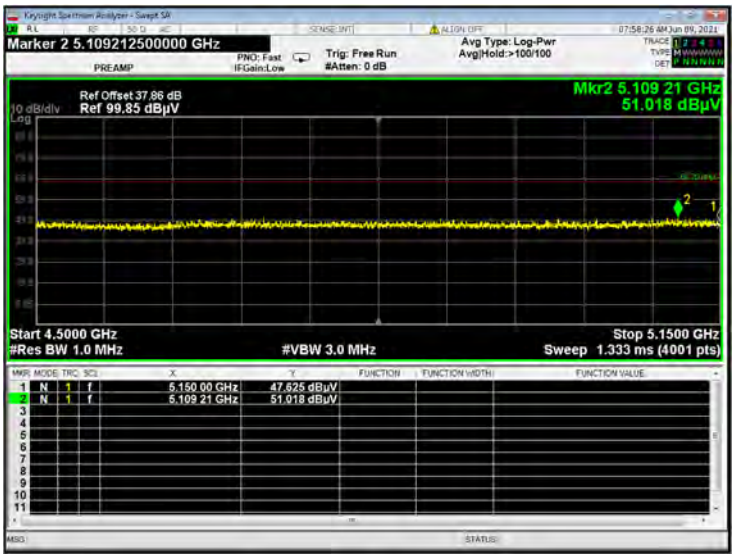


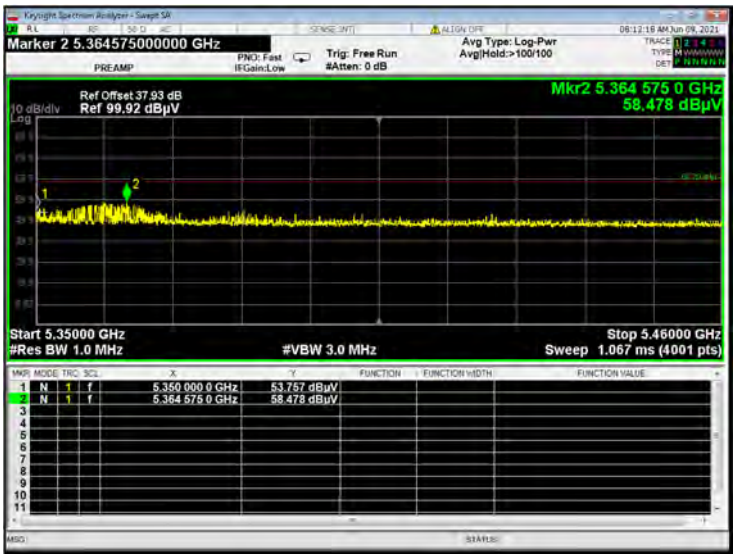
U-NII-2A 11n20 CH64 AV

U-NII-2A 11n20 CH64 AV

U-NII-2A 11n40 CH54 Peak



U-NII-2A 11n40 CH54 Peak



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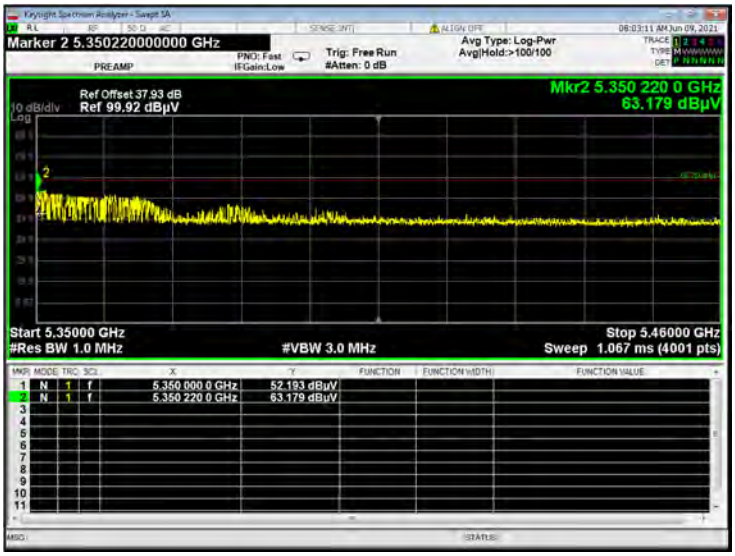
U-NII-2A 11n40 CH62 Peak

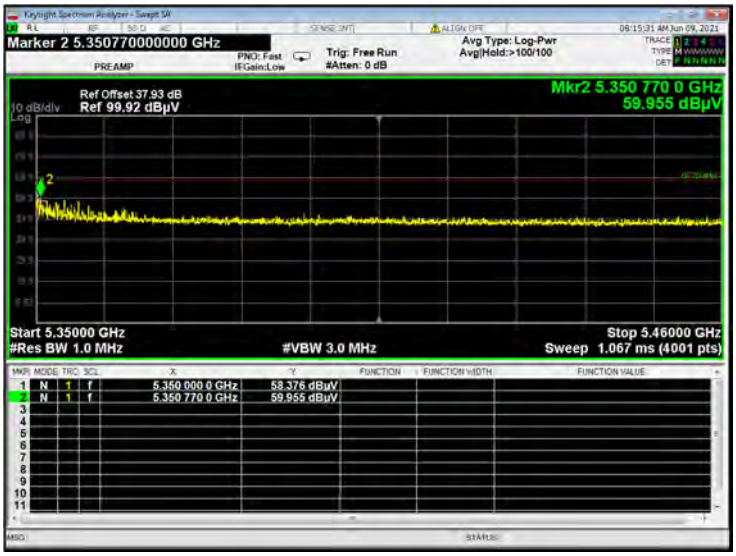


U-NII-2A 11n40 CH62 AV

U-NII-2A 11n40 CH62 AV

U-NII-2A 11ac20 CH52 Peak

U-NII-2A 11ac20 CH64 Peak



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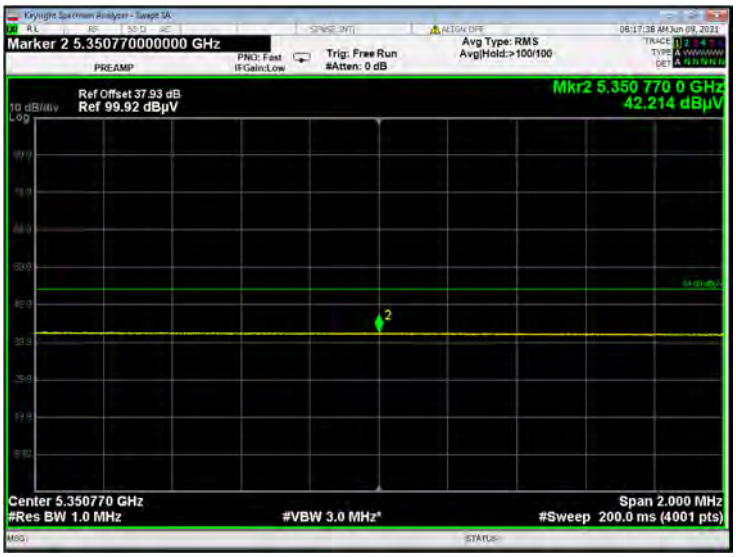
U-NII-2A 11ac20 CH64 AV



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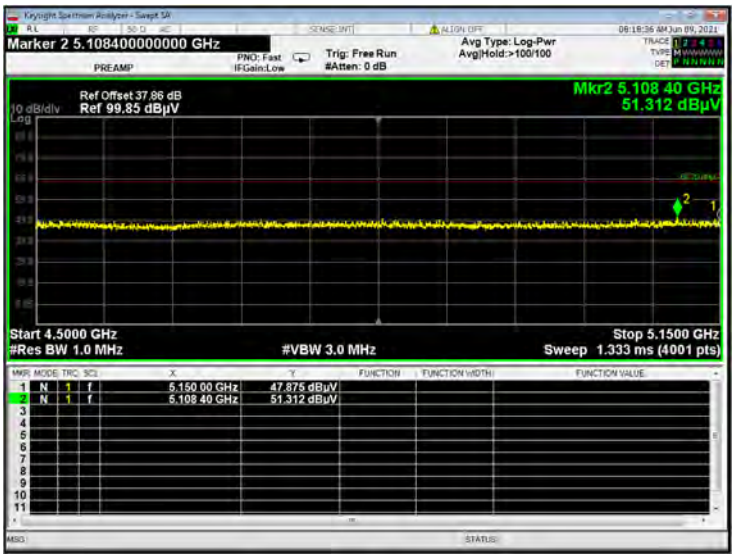
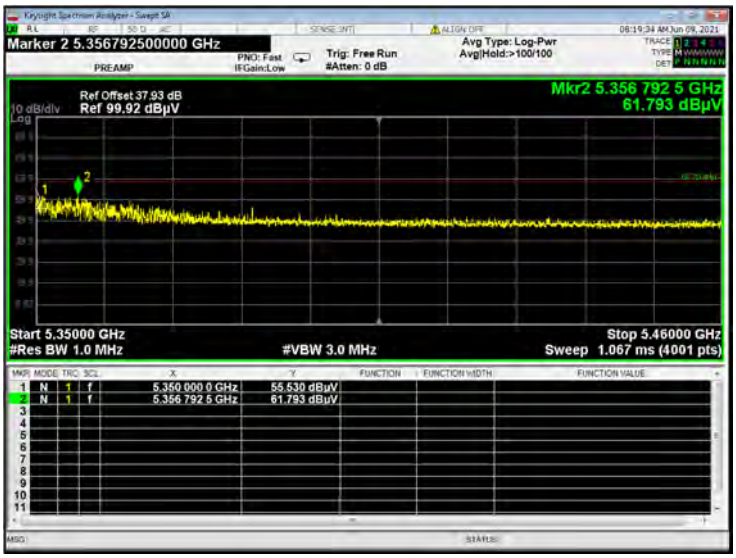
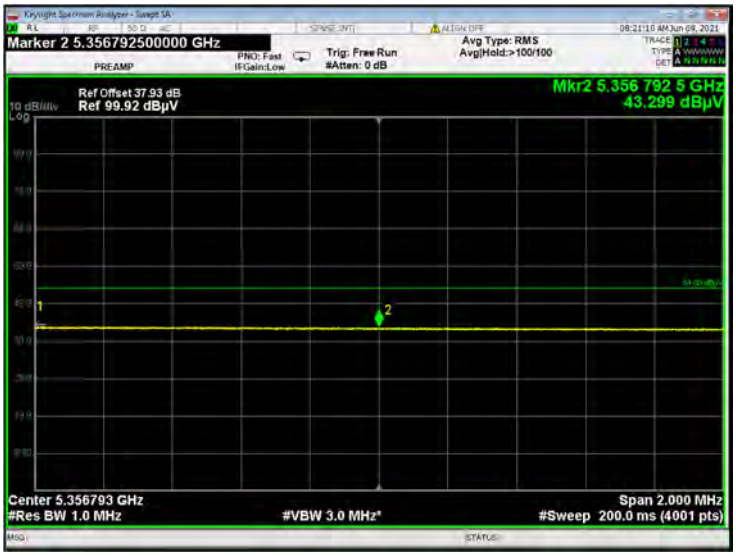


U-NII-2A 11ac40 CH62 Peak



U-NII-2A 11ac40 CH62 AV

U-NII-2A 11ac40 CH62 AV



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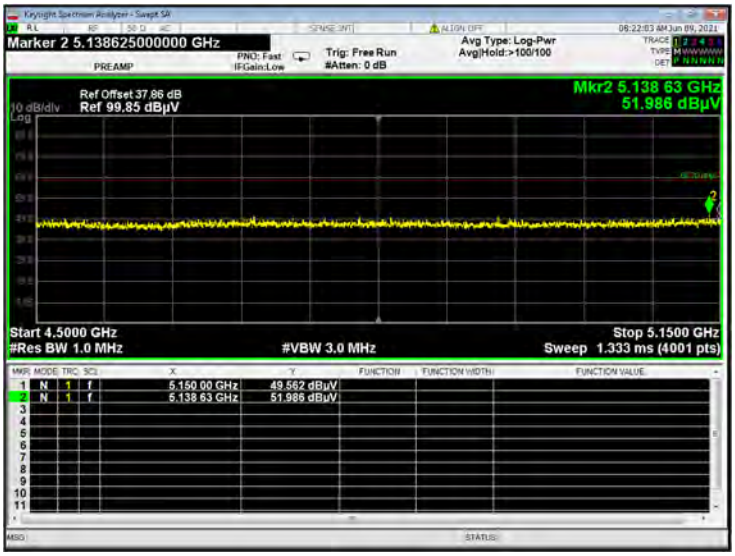
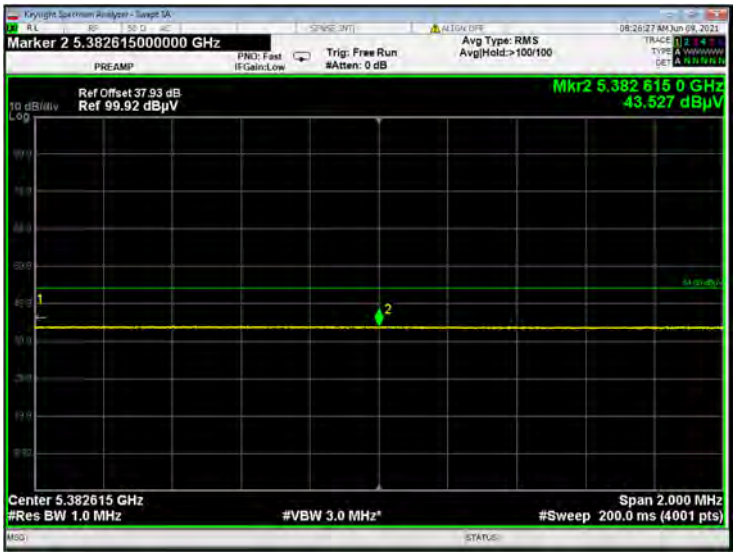


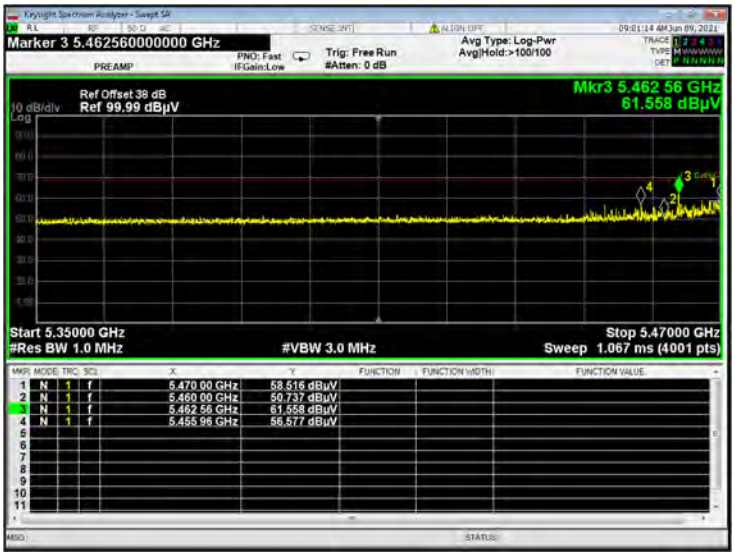
U-NII-2A 11ac80 CH58 Peak

U-NII-2A 11ac80 CH58 AV

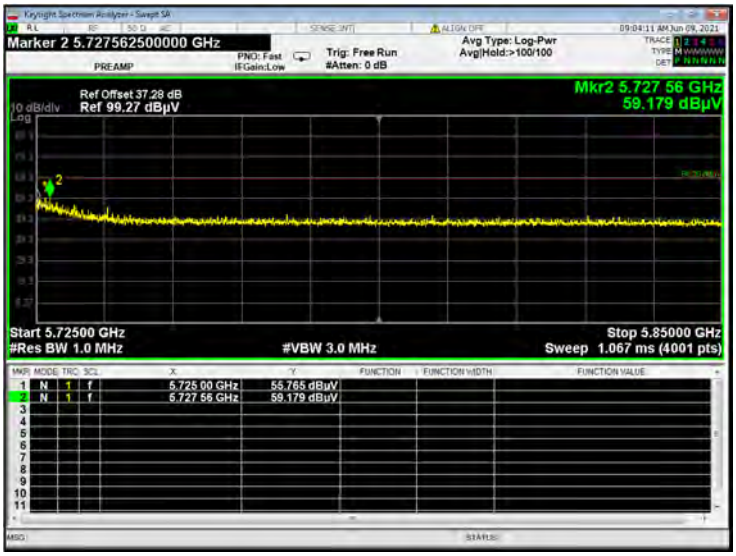
U-NII-2A 11ac80 CH58 AV



U-NII-2C 11a CH100 Peak

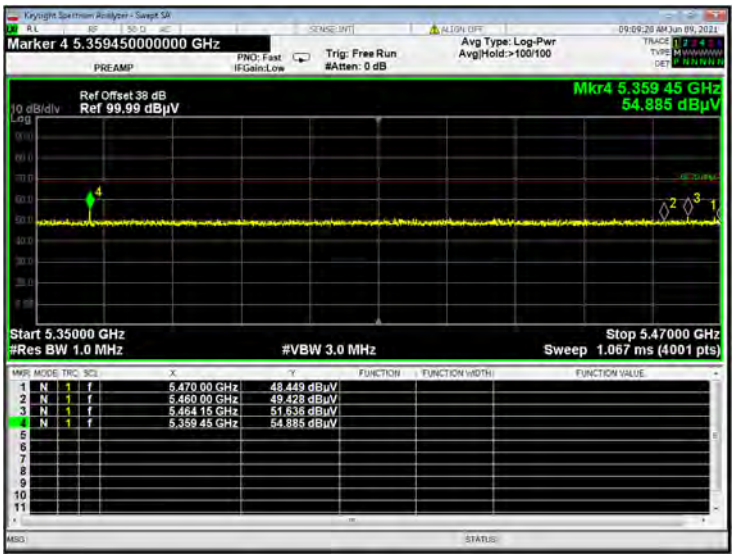


U-NII-2C 11a CH140 Peak

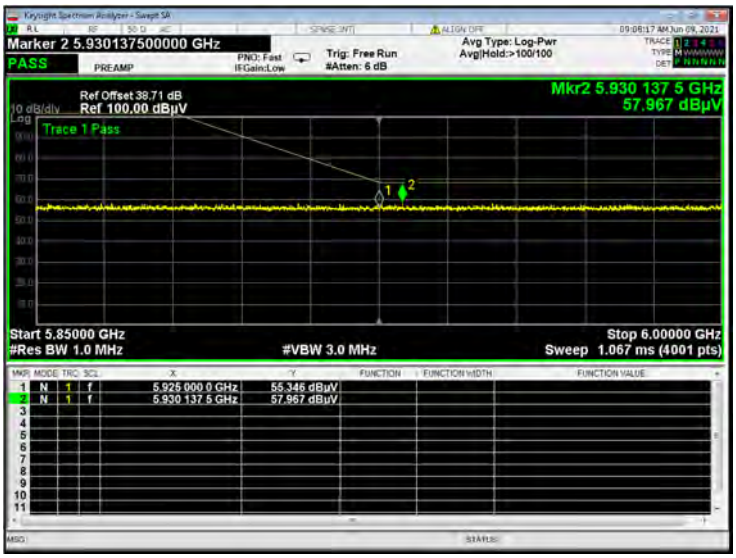


U-NII-2C 11a CH100 AV

U-NII-2C 11a CH144 Peak

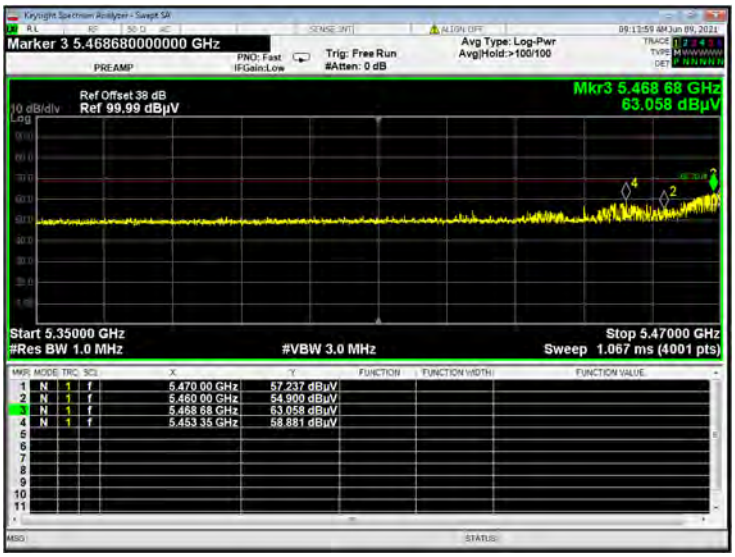


U-NII-2C 11a CH144 Peak



U-NII-2C 11a CH144 AV

U-NII-2C 11n20 CH100 Peak



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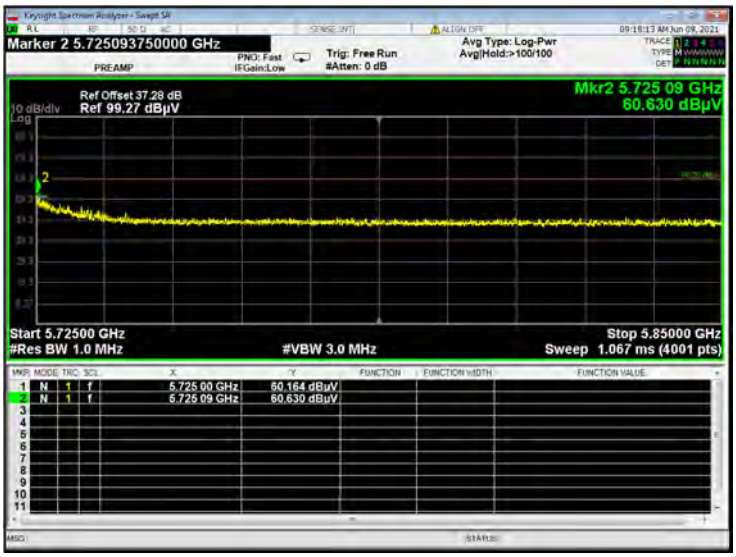
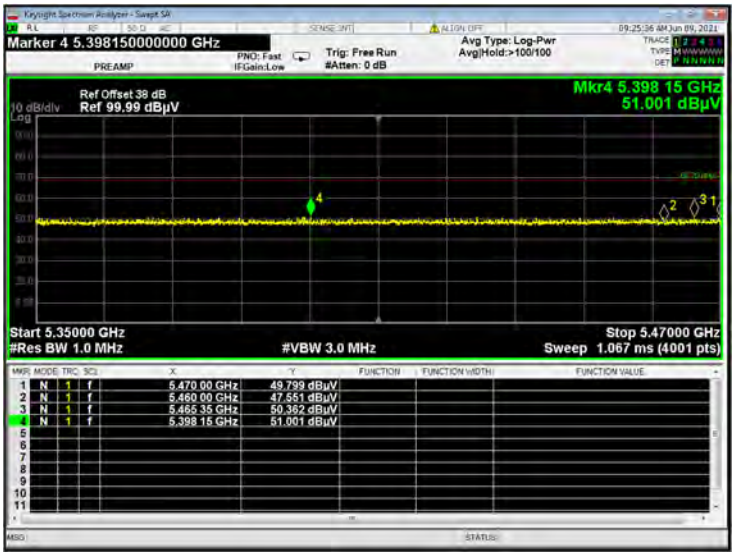


U-NII-2C 11n20 CH100 AV

U-NII-2C 11n20 CH100 AV

U-NII-2C 11n20 CH144 Peak



U-NII-2C 11n20 CH144 Peak

U-NII-2C 11n40 CH102 Peak

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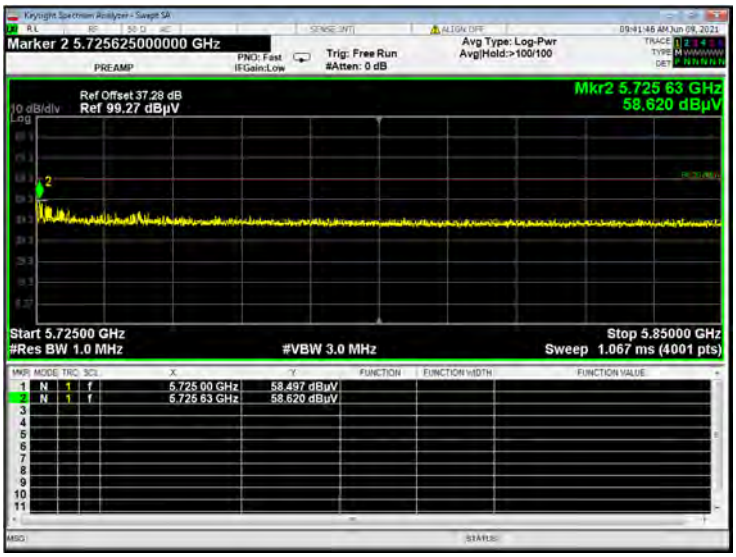

U-NII-2C 11n40 CH102 AV

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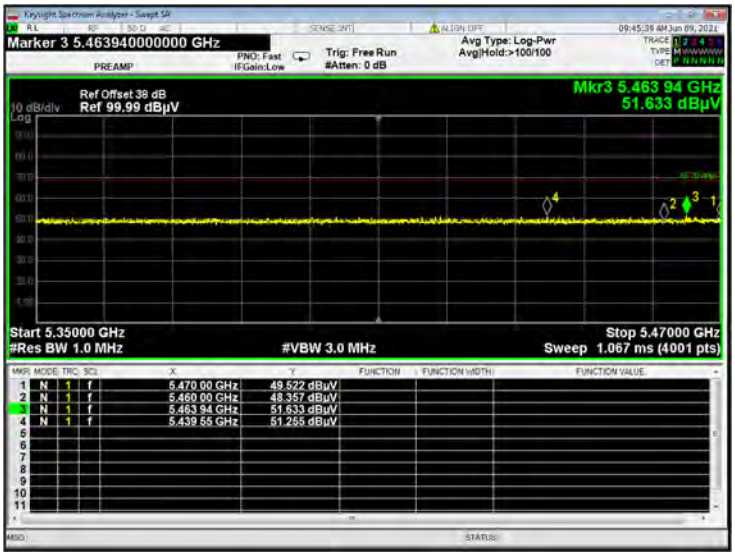
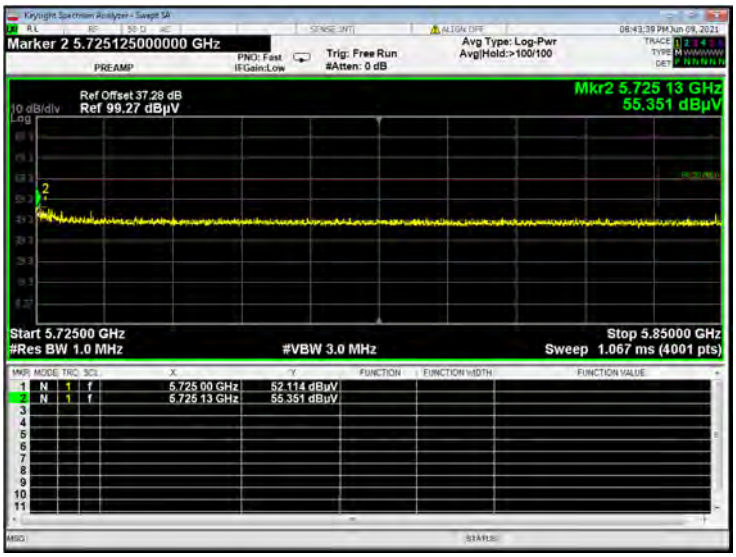


U-NII-2C 11n40 CH142 Peak

U-NII-2C 11ac20 CH100 Peak

U-NII-2C 11ac20 CH140 Peak



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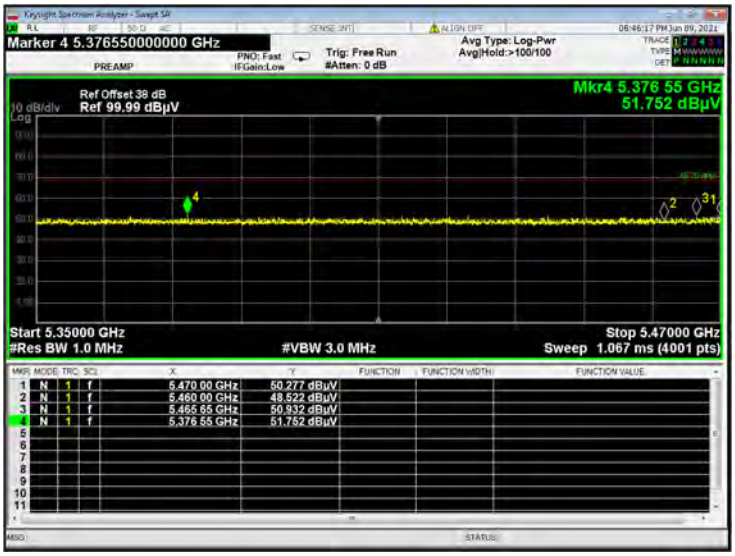

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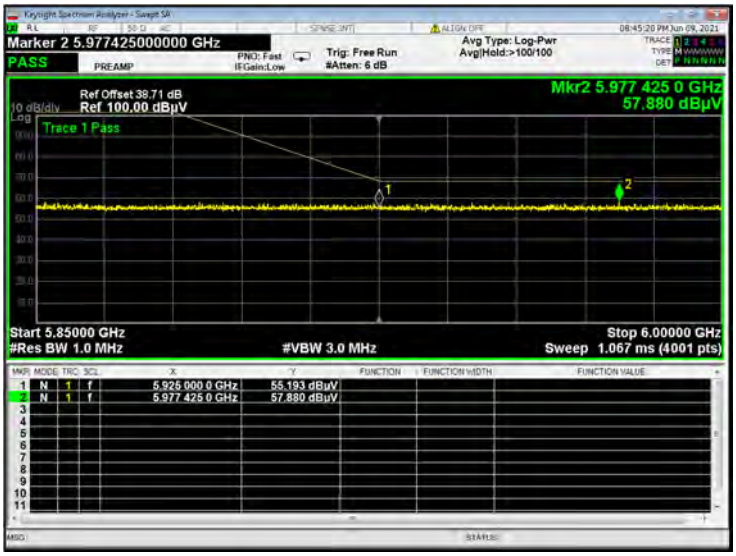

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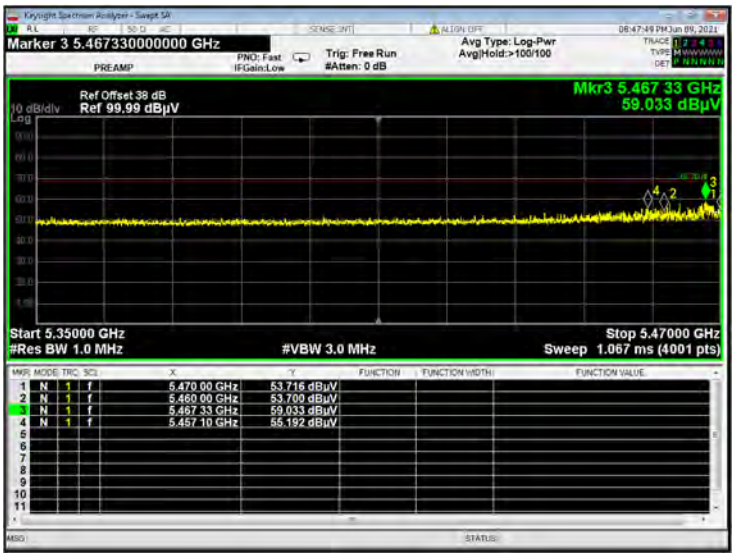

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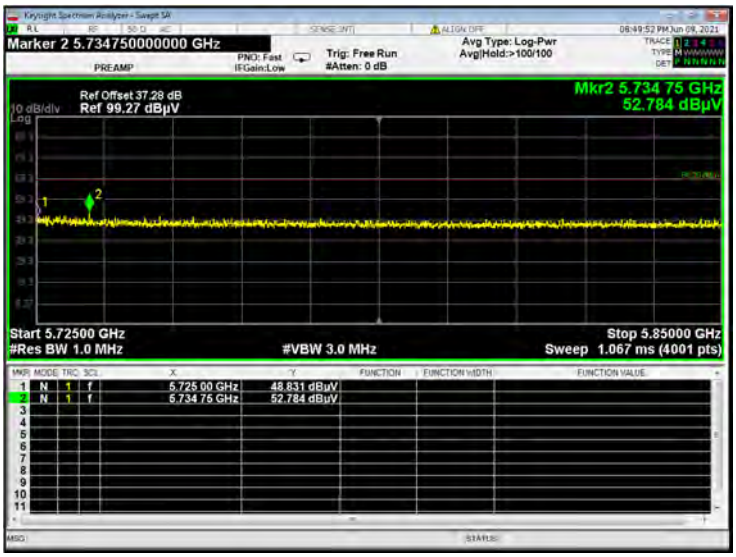
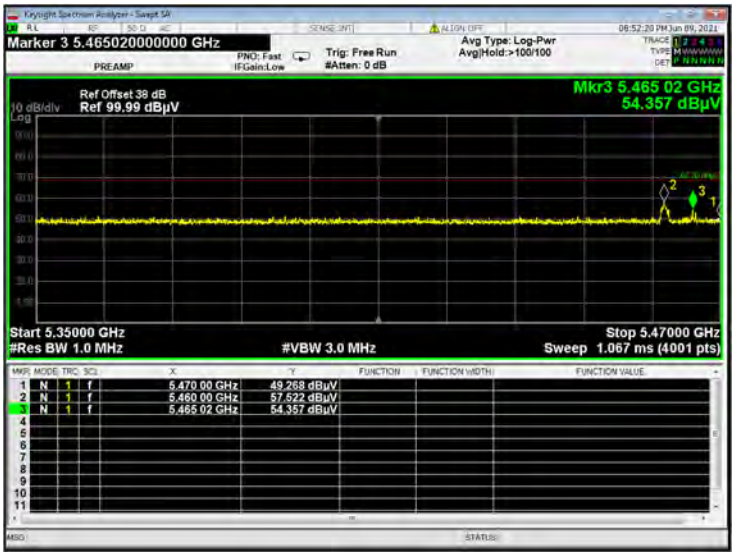
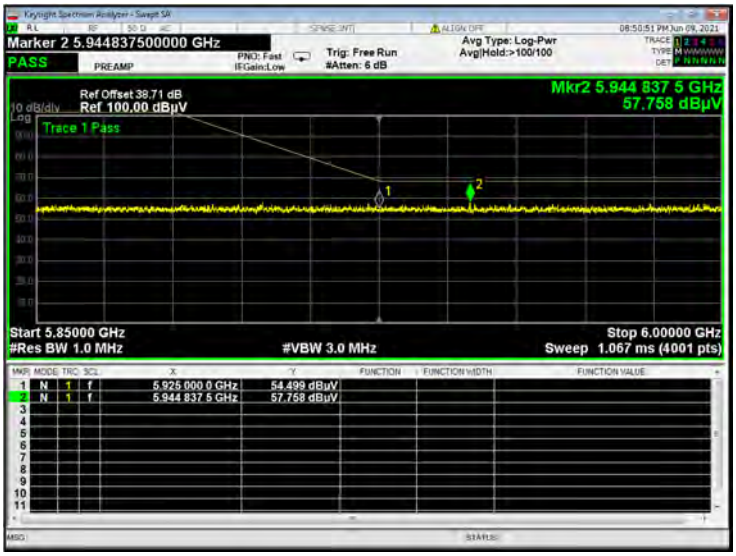


U-NII-2C 11ac40 CH102 AV

U-NII-2C 11ac40 CH142 Peak



U-NII-2C 11ac40 CH142 Peak



U-NII-2C 11ac40 CH142 AV

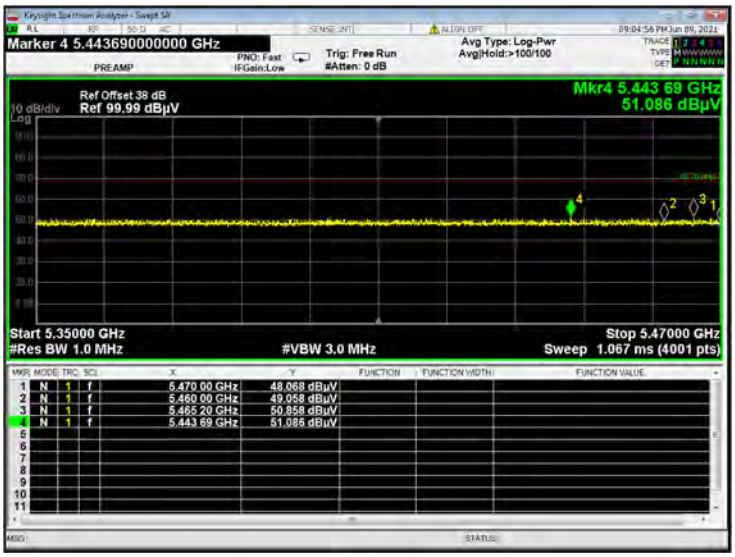
U-NII-2C 11ac80 CH106 Peak

U-NII-2C 11ac80 CH122 Peak

U-NII-2C 11ac80 CH106 AV

U-NII-2C 11ac80 CH106 AV

U-NII-2C 11ac80 CH138 Peak



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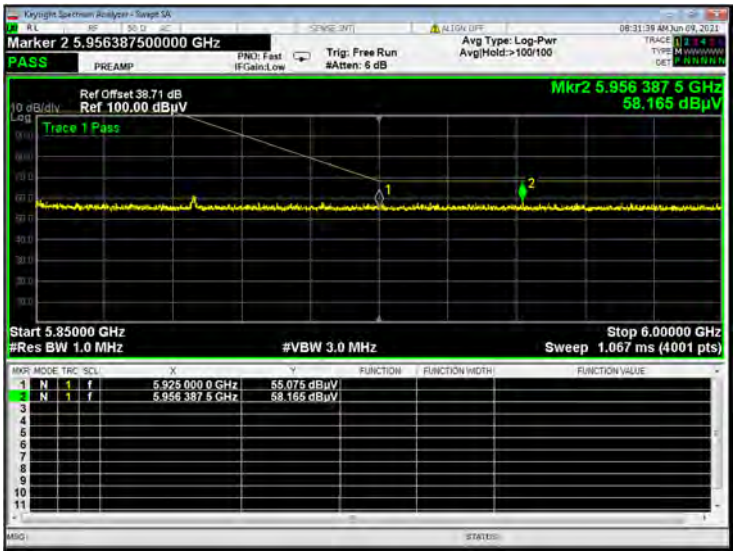
U-NII-3 11a CH149 Peak

U-NII-3 11a CH165 Peak



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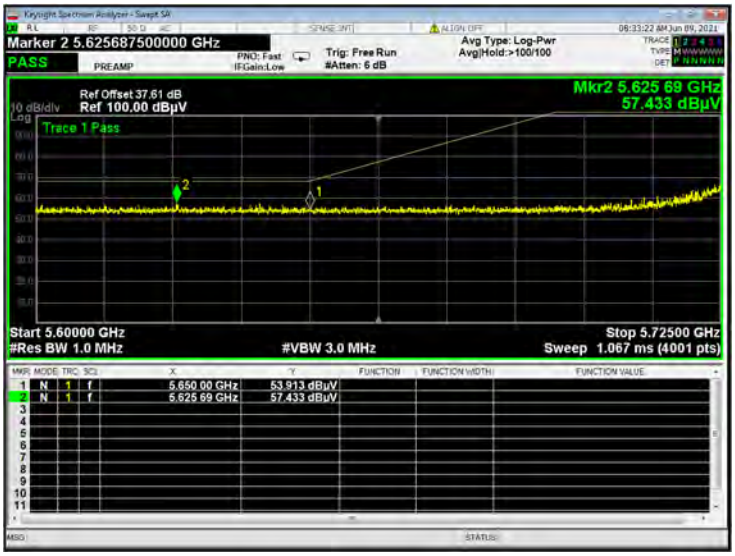

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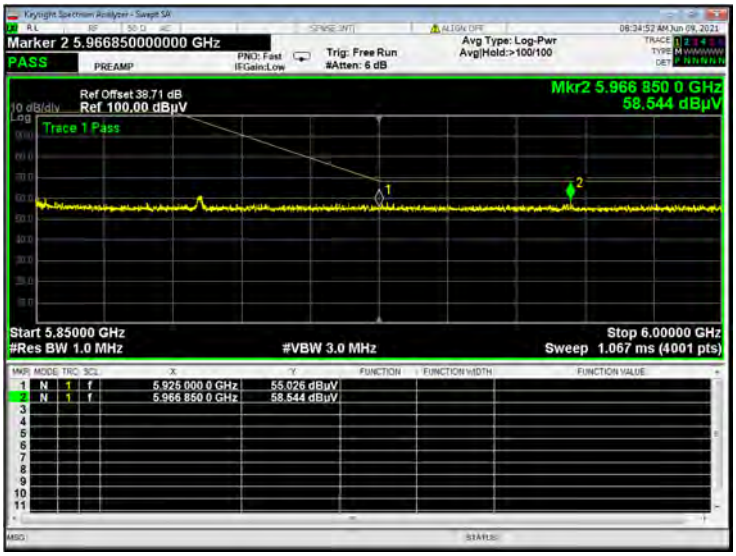
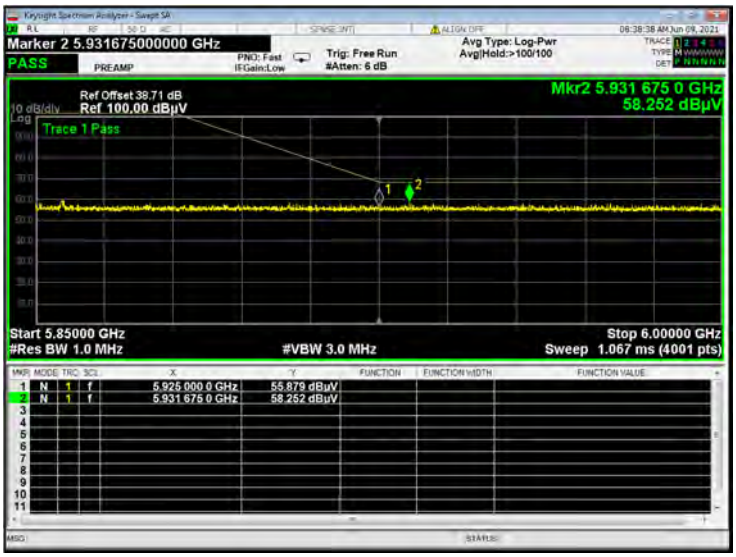


U-NII-3 11n40 CH151 Peak

U-NII-3 11n40 CH159 Peak



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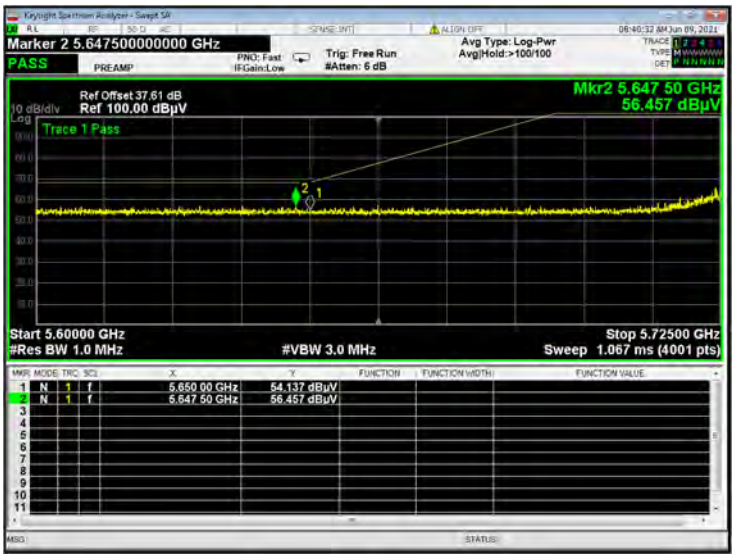

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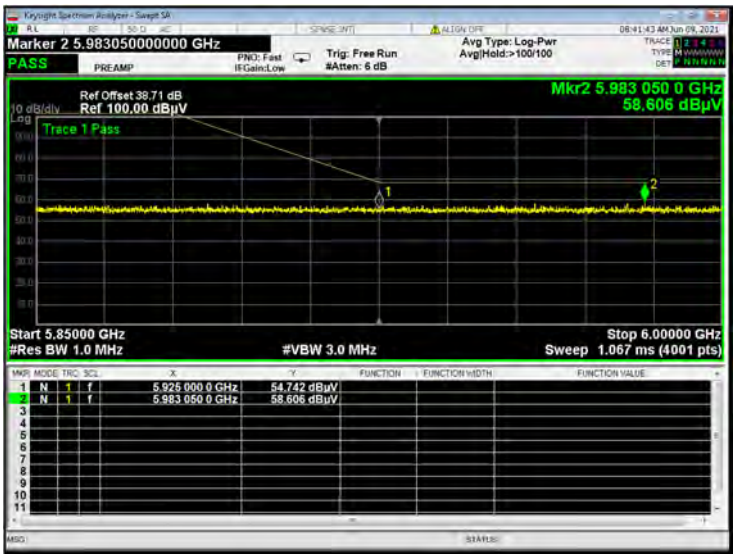
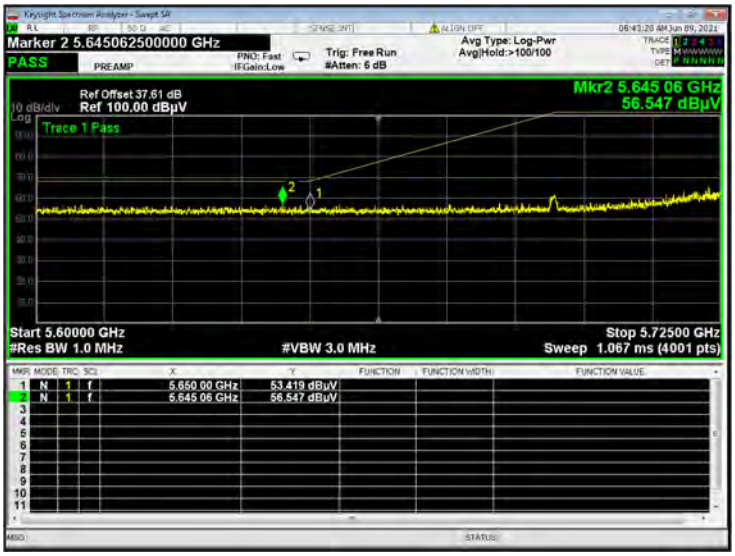


U-NII-3 11ac40 CH151 Peak



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-SZ2150983-AR.pdf”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2150983-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2150983-AI.PDF”.

--END OF REPORT--