FCC 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: Feb. 26 2021

Approved by: Tolan Tu
(Testing Director)
Date: Feb. 26, 2021

Report No.:	BL-SZ2110327-604
EUT Name:	Mobile Phone
Model Name:	RMX3081
Brand Name:	realme
Test Standard:	47 CFR Part 15 Subpart E
FCC ID:	2AUYFRMX3081
Test Conclusion:	Pass
Test Date:	Jan. 15, 2021 ~ Feb. 08, 2021
Date of Issue:	Feb. 26, 2021

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Revision History

Version	Issue Date	Revisions Content
Rev. 01	Feb. 26, 2021	Initial Issue

TABLE OF CONTENTS

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
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	RMX3081
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	11
Software Version	realme UI V2.0
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/900/1800/1900 MHz 3G Network WCDMA/HSDPA/HSUPA/DC-HSDPA/DC-HSUPA/ HSPA+ Band 1/2/4/5/8 4G Network LTE FDD Band 1/2/3/4/5/7/8/12/17/26/28/66 LTE TDD Band 38/41 CA Downlink (DL): CA_1C, CA_2C, CA_3C, CA_7C, CA_38C, CA_41C 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

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

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 17.30 dBm U-NII-2A: 17.13 dBm U-NII-2C: 16.81 dBm U-NII-3: 16.81 dBm
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	-3 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
About the Product	The equipment is Mobile Phone, intended for used with information technology equipment.

2.6 Additional Instructions

EUT Software Settings:

Mode	☒ Special software is used. The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.

During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

Test Software Version	QRCT4		
Support Units (Software installation media)	Description	Manufacturer	Model
	Notebook	Lenovo	X220

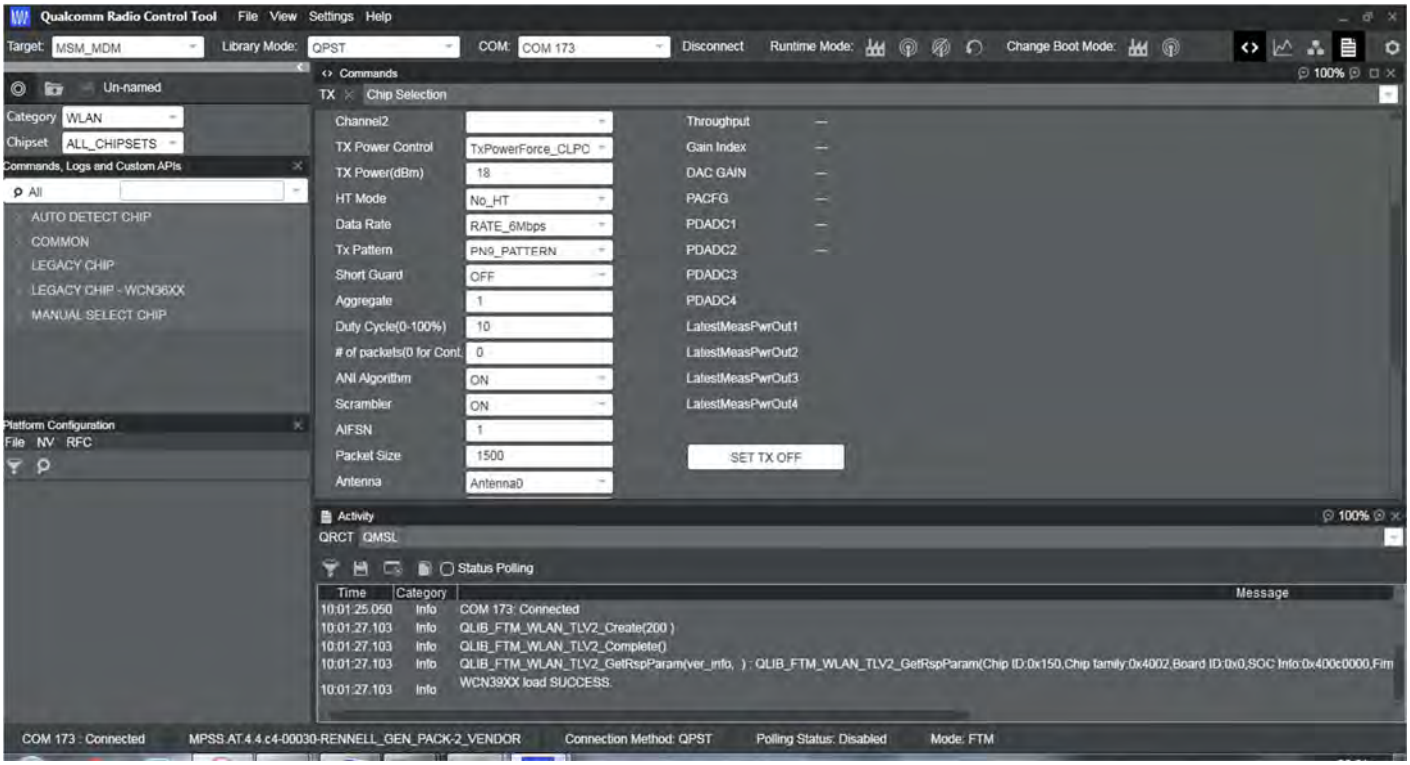
U-NII-1 (5150 - 5250 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH36	5180	16
11a	CH44	5220	16
11a	CH48	5240	16
11n (HT20)	CH36	5180	16
11n (HT20)	CH44	5220	16
11n (HT20)	CH48	5240	16
11n (HT40)	CH38	5190	15
11n (HT40)	CH46	5230	16
11ac (VHT20)	CH36	5180	10
11ac (VHT20)	CH44	5220	10
11ac (VHT20)	CH48	5240	10
11ac (VHT40)	CH38	5190	9
11ac (VHT40)	CH46	5230	9
11ac (VHT80)	CH42	5210	8

U-NII-2A (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH52	5260	16
11a	CH60	5300	16
11a	CH64	5320	11
11n (HT20)	CH52	5260	15
11n (HT20)	CH60	5300	15
11n (HT20)	CH64	5320	11
11n (HT40)	CH54	5270	12
11n (HT40)	CH62	5310	10
11ac (VHT20)	CH52	5260	10
11ac (VHT20)	CH60	5300	10
11ac (VHT20)	CH64	5320	10
11ac (VHT40)	CH54	5270	9
11ac (VHT40)	CH62	5310	9
11ac (VHT80)	CH58	5290	8

U-NII-2C (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH100	5500	13
11a	CH116	5580	16
11a	CH140	5700	13
11a	CH144	5720	16
11n (HT20)	CH100	5500	13
11n (HT20)	CH116	5580	15
11n (HT20)	CH140	5700	12
11n (HT20)	CH144	5720	15
11n (HT40)	CH102	5510	12
11n (HT40)	CH118	5590	12
11n (HT40)	CH134	5670	12
11n (HT40)	CH142	5710	12
11ac (VHT20)	CH100	5500	10
11ac (VHT20)	CH116	5580	10
11ac (VHT20)	CH140	5700	10
11ac (VHT20)	CH144	5720	10
11ac (VHT40)	CH102	5510	9
11ac (VHT40)	CH118	5590	9
11ac (VHT40)	CH134	5670	9
11ac (VHT40)	CH142	5710	9
11ac (VHT80)	CH106	5530	8
11ac (VHT80)	CH122	5610	8
11ac (VHT80)	CH138	5690	8

U-NII-3 (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH149	5745	15
11a	CH157	5785	15
11a	CH165	5825	15
11n (HT20)	CH149	5745	13
11n (HT20)	CH157	5785	13
11n (HT20)	CH165	5825	13
11n (HT40)	CH151	5755	12
11n (HT40)	CH159	5795	12
11ac (VHT20)	CH149	5745	10
11ac (VHT20)	CH157	5785	10
11ac (VHT20)	CH165	5825	10
11ac (VHT40)	CH151	5755	9
11ac (VHT40)	CH159	5795	9
11ac (VHT80)	CH155	5775	8

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
118	Mid	5590	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
122	High	5610	155	Mid	5775
138	--	5690			

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

Test Items	Mode	Data Rate	Modulation Type	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	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	142/134/118/102	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	142/134/118/102	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	142/134/118/102	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	142/134/118/102	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	142/134/118/102	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	142/134/118/102	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	142/134/118/102	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	142/134/118/102	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	142/134/118/102	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	142/134/118/102	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 (10-1-16 Edition)	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)	3.45 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-30	103118	2020.06.08	2021.06.07
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2020.06.08	2021.06.07
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2020.06.09	2021.06.08
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2020.06.09	2021.06.08
LISN	SCHWARZBECK	NSLK 8127	8127-687	2020.06.09	2021.06.08
Bluetooth Tester	ROHDE&SCHWARZ	CBT	101005	2020.06.08	2021.06.07
DC Power Supply	ROHDE&SCHWARZ	HMP2020	018141664	2020.06.08	2021.06.07
Power Splitter	KMW	DCPD-LDC	1305003215	--	--
Power Sensor	ROHDE&SCHWARZ	NRP-Z21	103971	2020.06.08	2021.06.07
Attenuator (20 dB)	KMW	ZA-S1-201	110617091	--	--
Attenuator (6 dB)	KMW	ZA-S1-61	1305003189	--	--
Temperature Chamber	AHK	SP20	1412	2020.06.10	2021.06.09
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	--	--
Signal Generator	ROHDE&SCHWARZ	SMB100A	177746	2020.06.08	2021.06.07
Power Amplifier	OPHIR RF	5225F	1037	2020.02.19	2021.02.18
Power Amplifier	OPHIR RF	5273F	1016	2020.02.19	2021.02.18
Directional Coupler	Werlantone	C5982-10	109275	N/A	N/A
Directional Coupler	Werlantone	CHP-273E	S00801z-01	N/A	N/A

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Sound Level Meter	B&K	NL-20	00844023	2020.10.23	2021.10.22
Ear Simulator	B&K	4192-L-001	3038758	2020.02.19	2021.02.18
Audio analyzer	B&K	UPL 16	100129	2020.02.28	2021.02.27

4.3 Measurement Uncertainty

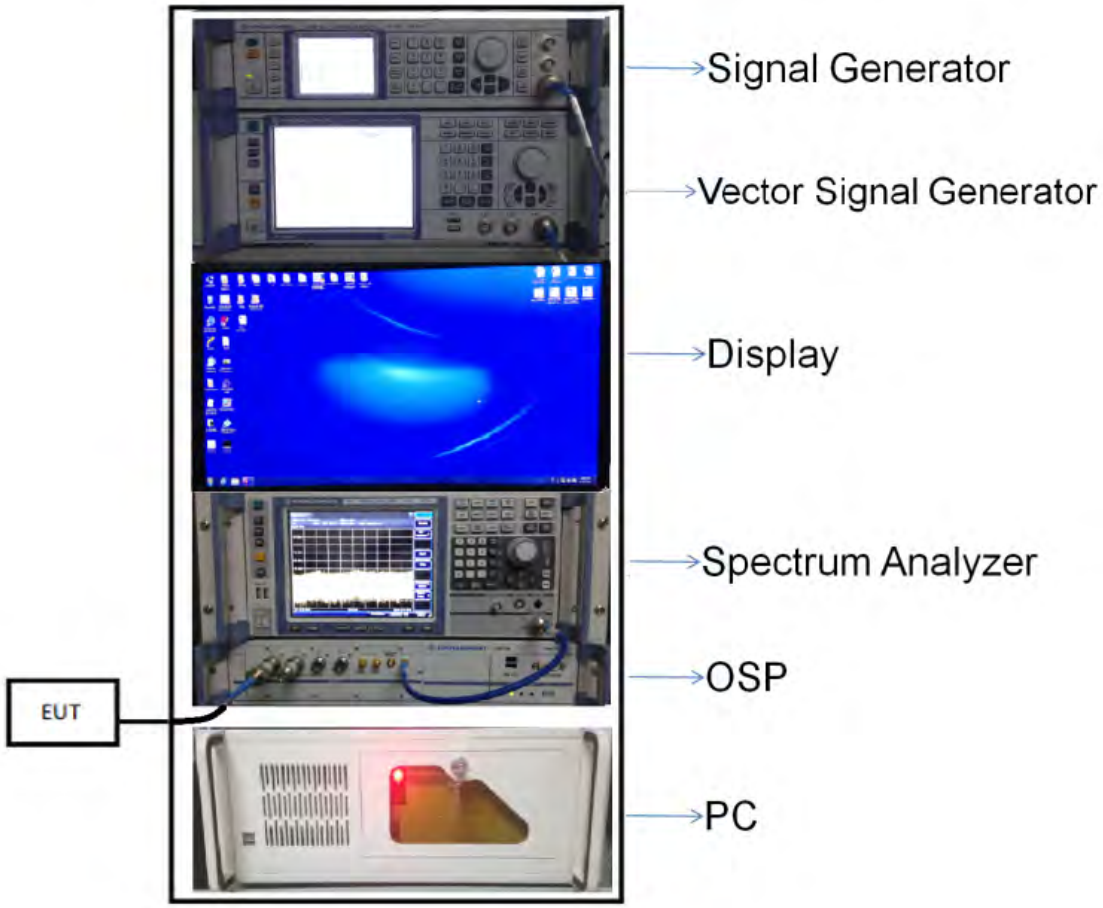
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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	±1.4 dB
Power Spectral Density, conducted	±2.5 dB
Unwanted Emissions, conducted	±2.8 dB
All emissions, radiated	±5.4 dB
Temperature	±1°C
Humidity	±4%

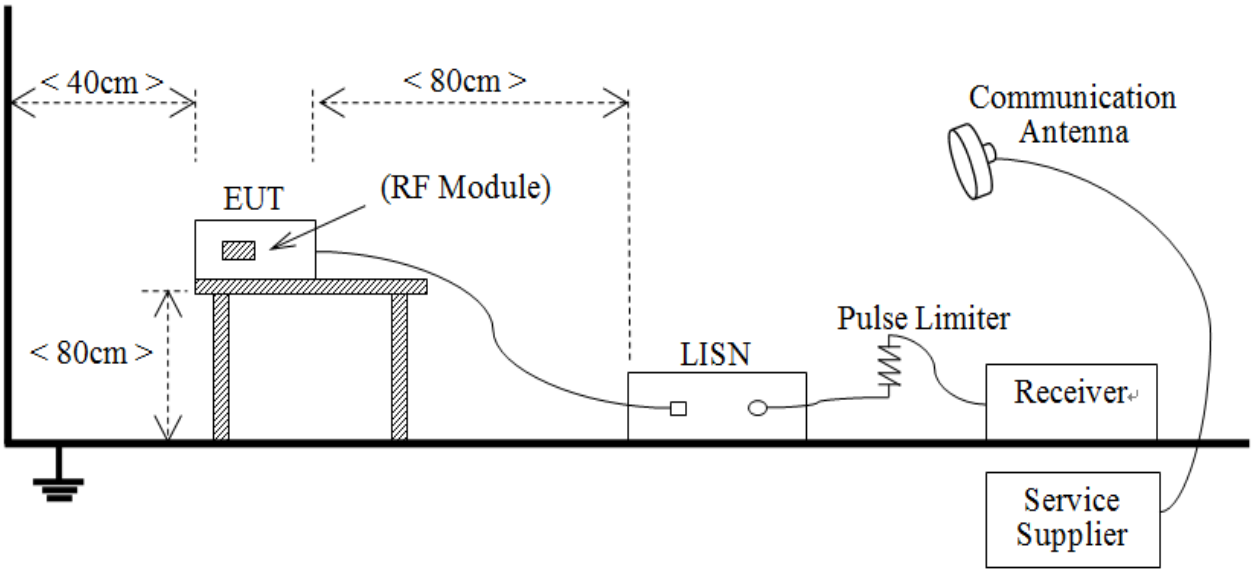
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



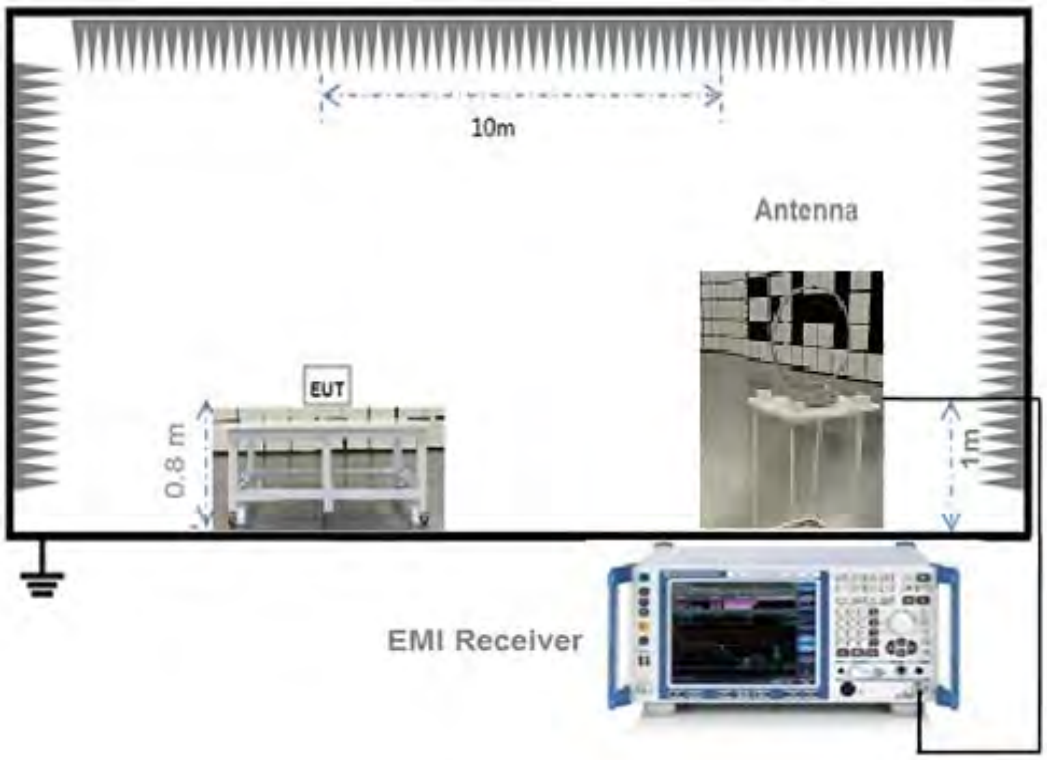
(Diagram 1)

4.4.2 For AC Power Supply Port Test



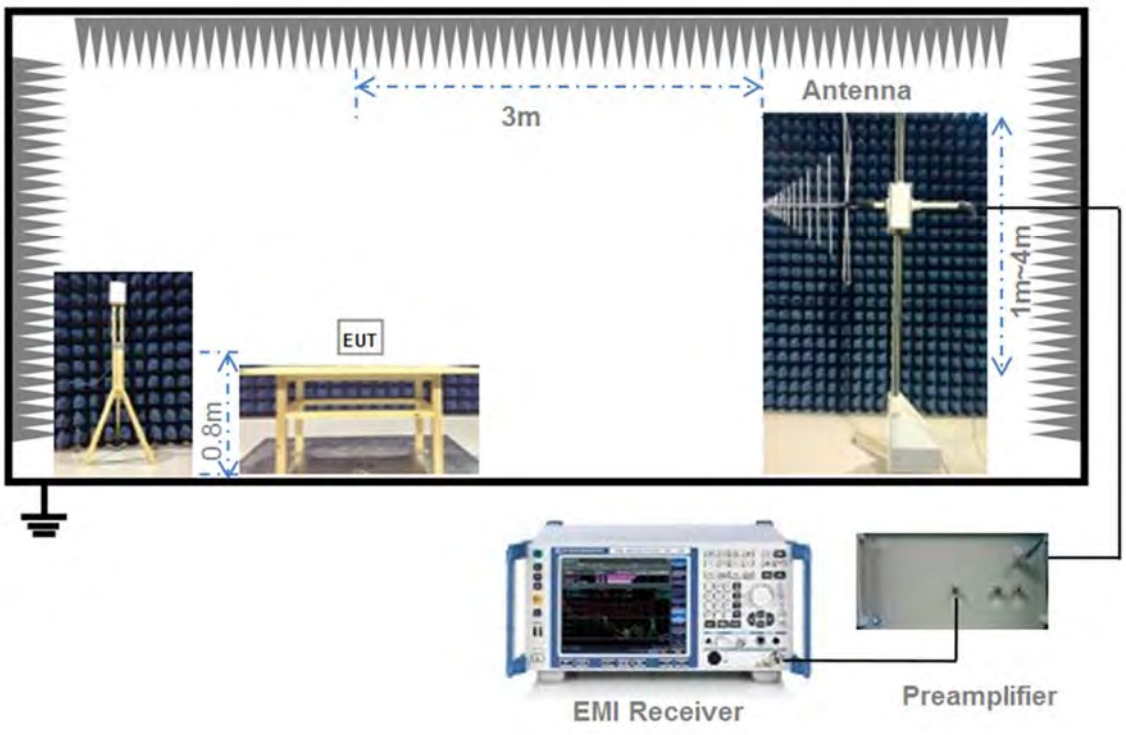
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



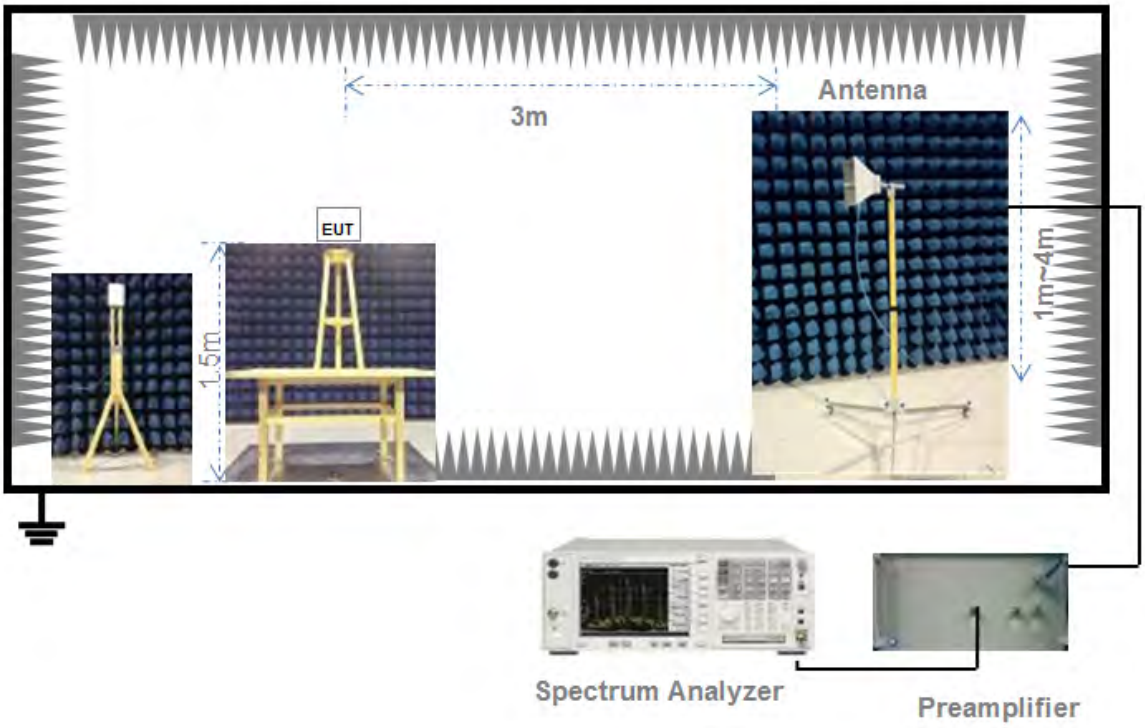
(Diagram 3)

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.

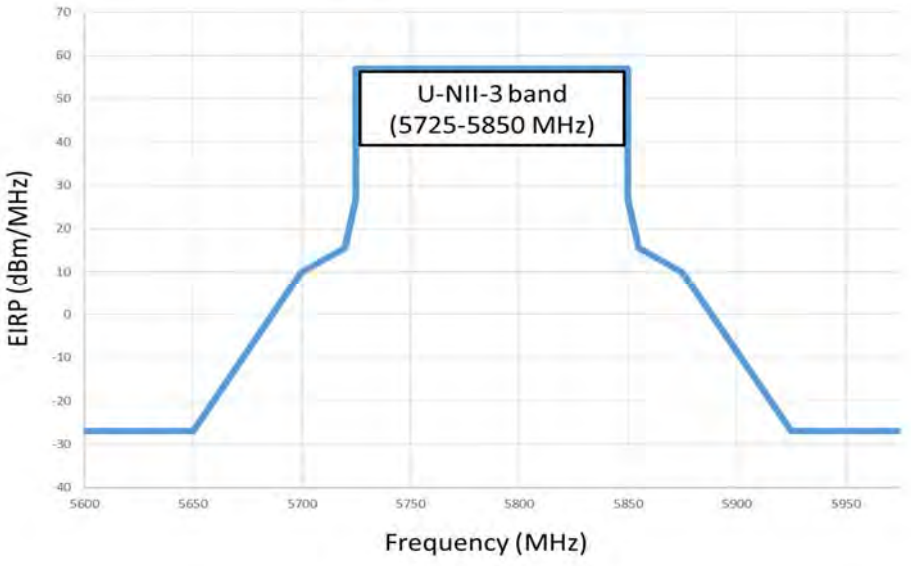
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

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	17.30	53.70	250	Pass
11a	CH44	17.25	53.09	250	Pass
11a	CH48	17.11	51.40	250	Pass
11n (HT20)	CH36	17.15	51.88	250	Pass
11n (HT20)	CH44	17.09	51.17	250	Pass
11n (HT20)	CH48	17.00	50.12	250	Pass
11n (HT40)	CH38	16.43	43.95	250	Pass
11n (HT40)	CH46	17.37	54.58	250	Pass
11ac (VHT20)	CH36	11.29	13.46	250	Pass
11ac (VHT20)	CH44	11.26	13.37	250	Pass
11ac (VHT20)	CH48	11.13	12.97	250	Pass
11ac (VHT40)	CH38	9.58	9.08	250	Pass
11ac (VHT40)	CH46	9.55	9.02	250	Pass
11ac (VHT80)	CH42	8.63	7.29	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	17.13	51.64	250	Pass
11a	CH60	16.83	48.19	250	Pass
11a	CH64	11.82	15.21	250	Pass
11n (HT20)	CH52	15.92	39.08	250	Pass
11n (HT20)	CH60	15.68	36.98	250	Pass
11n (HT20)	CH64	11.63	14.55	250	Pass
11n (HT40)	CH54	13.27	21.23	250	Pass
11n (HT40)	CH62	11.21	13.21	250	Pass
11ac (VHT20)	CH52	11.10	12.88	250	Pass
11ac (VHT20)	CH60	10.80	12.02	250	Pass
11ac (VHT20)	CH64	10.67	11.67	250	Pass
11ac (VHT40)	CH54	9.47	8.85	250	Pass
11ac (VHT40)	CH62	8.99	7.93	250	Pass
11ac (VHT80)	CH58	8.09	6.44	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power Total (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.85	24.27	250	Pass
11a	CH116	16.76	47.42	250	Pass
11a	CH140	13.65	23.17	250	Pass
11a	CH144	16.81	47.97	250	Pass
11n (HT20)	CH100	13.93	24.72	250	Pass
11n (HT20)	CH116	15.69	37.07	250	Pass
11n (HT20)	CH140	12.72	18.71	250	Pass
11n (HT20)	CH144	15.65	36.73	250	Pass
11n (HT40)	CH102	13.51	22.44	250	Pass
11n (HT40)	CH118	13.22	20.99	250	Pass
11n (HT40)	CH134	13.38	21.78	250	Pass
11n (HT40)	CH142	13.44	22.08	250	Pass
11ac (VHT20)	CH100	11.29	13.46	250	Pass
11ac (VHT20)	CH116	10.86	12.19	250	Pass
11ac (VHT20)	CH140	11.22	13.24	250	Pass
11ac (VHT20)	CH144	11.16	13.06	250	Pass
11ac (VHT40)	CH102	9.69	9.31	250	Pass
11ac (VHT40)	CH118	9.22	8.36	250	Pass
11ac (VHT40)	CH134	10.12	10.28	250	Pass
11ac (VHT40)	CH142	9.66	9.25	250	Pass
11ac (VHT80)	CH106	8.89	7.74	250	Pass
11ac (VHT80)	CH122	8.10	6.46	250	Pass
11ac (VHT80)	CH138	9.00	7.94	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	16.81	47.97	1000	Pass
11a	CH149	16.35	43.15	1000	Pass
11a	CH157	16.02	39.99	1000	Pass
11a	CH165	15.98	39.63	1000	Pass
11n (HT20)	CH144	15.65	36.73	1000	Pass
11n (HT20)	CH149	14.35	27.23	1000	Pass
11n (HT20)	CH157	14.19	26.24	1000	Pass
11n (HT20)	CH165	14.00	25.12	1000	Pass
11n (HT40)	CH142	13.44	22.08	1000	Pass
11n (HT40)	CH151	13.65	23.17	1000	Pass
11n (HT40)	CH159	13.48	22.28	1000	Pass
11ac (VHT20)	CH144	11.16	13.06	1000	Pass
11ac (VHT20)	CH149	11.55	14.29	1000	Pass
11ac (VHT20)	CH157	11.44	13.93	1000	Pass
11ac (VHT20)	CH165	11.20	13.18	1000	Pass
11ac (VHT40)	CH142	9.66	9.25	1000	Pass
11ac (VHT40)	CH151	9.93	9.84	1000	Pass
11ac (VHT40)	CH159	9.70	9.33	1000	Pass
11ac (VHT80)	CH138	9.00	7.94	1000	Pass
11ac (VHT80)	CH155	8.27	6.71	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2110327-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	22.44	16.67
11a	CH44	22.28	16.67
11a	CH48	22.68	16.67
11n (HT20)	CH36	22.80	17.83
11n (HT20)	CH44	23.20	17.83
11n (HT20)	CH48	22.96	17.83
11n (HT40)	CH38	42.10	36.35
11n (HT40)	CH46	42.00	36.47
11ac (VHT20)	CH36	23.04	17.83
11ac (VHT20)	CH44	22.84	17.83
11ac (VHT20)	CH48	23.04	17.83
11ac (VHT40)	CH38	42.10	36.58
11ac (VHT40)	CH46	42.00	36.47
11ac (VHT80)	CH42	84.60	76.41

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	22.40	16.67
11a	CH60	22.44	16.67
11a	CH64	22.64	16.67
11n (HT20)	CH52	22.84	17.83
11n (HT20)	CH60	23.16	17.83
11n (HT20)	CH64	23.12	17.83
11n (HT40)	CH54	41.90	36.35
11n (HT40)	CH62	42.20	36.58
11ac (VHT20)	CH52	23.08	17.83
11ac (VHT20)	CH60	23.04	17.83
11ac (VHT20)	CH64	23.08	17.89
11ac (VHT40)	CH54	41.90	36.47
11ac (VHT40)	CH62	42.00	36.47
11ac (VHT80)	CH58	84.80	76.41

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	22.64	16.67
11a	CH116	22.44	16.67
11a	CH140	22.52	16.67
11a	CH144	22.72	16.67
11n (HT20)	CH100	23.48	17.83
11n (HT20)	CH116	23.08	17.83
11n (HT20)	CH140	22.80	17.77
11n (HT20)	CH144	22.72	17.83
11n (HT40)	CH102	42.20	36.35
11n (HT40)	CH118	42.20	36.35
11n (HT40)	CH134	42.40	36.35
11n (HT40)	CH142	42.10	36.35
11ac (VHT20)	CH100	23.04	17.83
11ac (VHT20)	CH116	23.08	17.83
11ac (VHT20)	CH140	23.36	17.83
11ac (VHT20)	CH144	23.28	17.83
11ac (VHT40)	CH102	42.10	36.58
11ac (VHT40)	CH118	42.00	36.58
11ac (VHT40)	CH134	42.10	36.58
11ac (VHT40)	CH142	42.00	36.47
11ac (VHT80)	CH106	84.40	76.41
11ac (VHT80)	CH122	84.60	76.18
11ac (VHT80)	CH138	84.40	76.18

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	22.56	16.67
11a	CH157	22.44	16.67
11a	CH165	22.44	16.67
11n (HT20)	CH149	22.76	17.83
11n (HT20)	CH157	22.80	17.83
11n (HT20)	CH165	23.12	17.83
11n (HT40)	CH151	42.10	36.47
11n (HT40)	CH159	42.10	36.35
11ac (VHT20)	CH149	22.80	17.83
11ac (VHT20)	CH157	23.08	17.83
11ac (VHT20)	CH165	23.04	17.83
11ac (VHT40)	CH151	41.90	36.58
11ac (VHT40)	CH159	42.00	36.58
11ac (VHT80)	CH155	84.40	76.18

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2110327-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.47	500.00	Pass
11a	CH157	15.77	500.00	Pass
11a	CH165	16.17	500.00	Pass
11n (HT20)	CH149	16.37	500.00	Pass
11n (HT20)	CH157	17.67	500.00	Pass
11n (HT20)	CH165	17.62	500.00	Pass
11n (HT40)	CH151	36.37	500.00	Pass
11n (HT40)	CH159	35.57	500.00	Pass
11ac (VHT20)	CH149	15.22	500.00	Pass
11ac (VHT20)	CH157	17.02	500.00	Pass
11ac (VHT20)	CH165	16.12	500.00	Pass
11ac (VHT40)	CH151	36.37	500.00	Pass
11ac (VHT40)	CH159	36.42	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-SZ2110327-604 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	6.34	11.00	Pass
11a	CH44	6.50	11.00	Pass
11a	CH48	6.39	11.00	Pass
11n (HT20)	CH36	5.92	11.00	Pass
11n (HT20)	CH44	6.02	11.00	Pass
11n (HT20)	CH48	5.89	11.00	Pass
11n (HT40)	CH38	1.22	11.00	Pass
11n (HT40)	CH46	3.13	11.00	Pass
11ac (VHT20)	CH36	0.17	11.00	Pass
11ac (VHT20)	CH44	0.18	11.00	Pass
11ac (VHT20)	CH48	0.20	11.00	Pass
11ac (VHT40)	CH38	-4.91	11.00	Pass
11ac (VHT40)	CH46	-4.52	11.00	Pass
11ac (VHT80)	CH42	-9.83	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	6.40	11.00	Pass
11a	CH60	6.12	11.00	Pass
11a	CH64	-0.29	11.00	Pass
11n (HT20)	CH52	4.85	11.00	Pass
11n (HT20)	CH60	4.71	11.00	Pass
11n (HT20)	CH64	-0.62	11.00	Pass
11n (HT40)	CH54	-0.99	11.00	Pass
11n (HT40)	CH62	-4.48	11.00	Pass
11ac (VHT20)	CH52	-0.20	11.00	Pass
11ac (VHT20)	CH60	-0.70	11.00	Pass
11ac (VHT20)	CH64	-0.75	11.00	Pass
11ac (VHT40)	CH54	-4.28	11.00	Pass
11ac (VHT40)	CH62	-4.59	11.00	Pass
11ac (VHT80)	CH58	-9.04	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.97	11.00	Pass
11a	CH116	5.37	11.00	Pass
11a	CH140	2.36	11.00	Pass
11a	CH144	5.59	11.00	Pass
11n (HT20)	CH100	2.61	11.00	Pass
11n (HT20)	CH116	3.92	11.00	Pass
11n (HT20)	CH140	1.19	11.00	Pass
11n (HT20)	CH144	3.99	11.00	Pass
11n (HT40)	CH102	-1.26	11.00	Pass
11n (HT40)	CH118	-1.63	11.00	Pass
11n (HT40)	CH134	-1.72	11.00	Pass
11n (HT40)	CH142	-1.10	11.00	Pass
11ac (VHT20)	CH100	-0.36	11.00	Pass
11ac (VHT20)	CH116	-0.77	11.00	Pass
11ac (VHT20)	CH140	-0.29	11.00	Pass
11ac (VHT20)	CH144	-0.51	11.00	Pass
11ac (VHT40)	CH102	-4.61	11.00	Pass
11ac (VHT40)	CH118	-5.03	11.00	Pass
11ac (VHT40)	CH134	-5.25	11.00	Pass
11ac (VHT40)	CH142	-5.36	11.00	Pass
11ac (VHT80)	CH106	-8.97	11.00	Pass
11ac (VHT80)	CH122	-9.97	11.00	Pass
11ac (VHT80)	CH138	-9.97	11.00	Pass

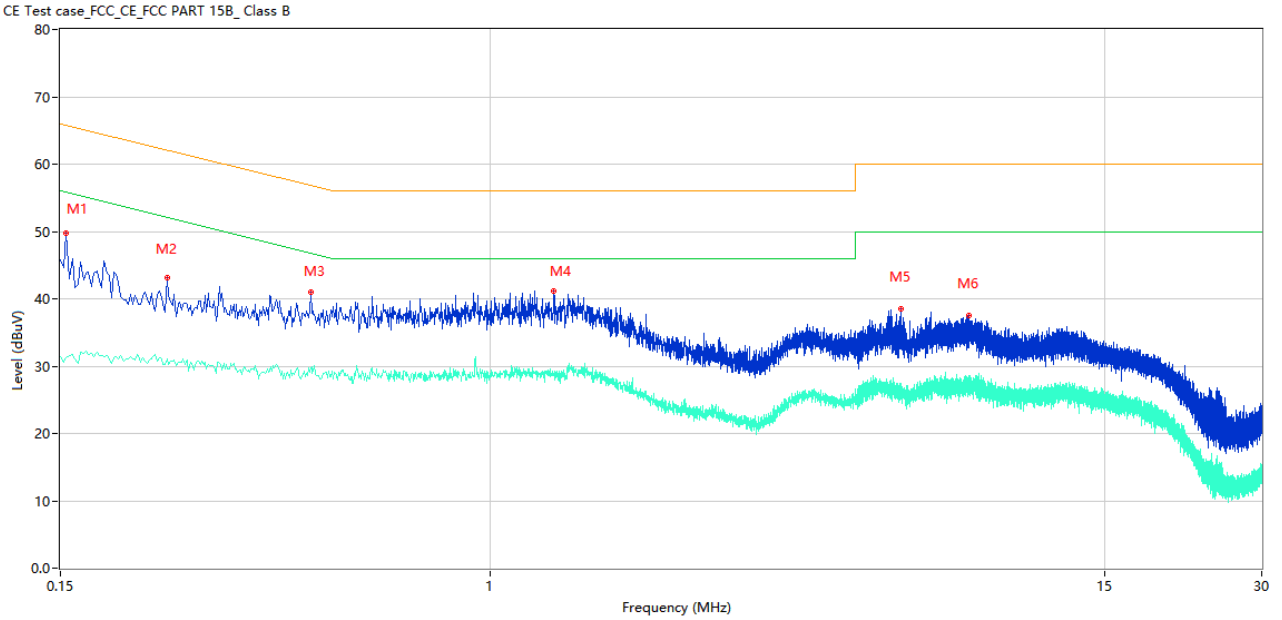
U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500 kHz)	Verdict
11a	CH144	2.61	30.00	Pass
11a	CH149	2.08	30.00	Pass
11a	CH157	2.49	30.00	Pass
11a	CH165	2.39	30.00	Pass
11n (HT20)	CH144	1.29	30.00	Pass
11n (HT20)	CH149	-0.16	30.00	Pass
11n (HT20)	CH157	0.40	30.00	Pass
11n (HT20)	CH165	0.20	30.00	Pass
11n (HT40)	CH142	-4.32	30.00	Pass
11n (HT40)	CH151	-3.89	30.00	Pass
11n (HT40)	CH159	-3.45	30.00	Pass
11ac (VHT20)	CH144	-3.46	30.00	Pass
11ac (VHT20)	CH149	-2.97	30.00	Pass
11ac (VHT20)	CH157	-2.36	30.00	Pass
11ac (VHT20)	CH165	-2.62	30.00	Pass
11ac (VHT40)	CH142	-7.94	30.00	Pass
11ac (VHT40)	CH151	-7.60	30.00	Pass
11ac (VHT40)	CH159	-7.22	30.00	Pass
11ac (VHT80)	CH138	-12.53	30.00	Pass
11ac (VHT80)	CH155	-13.01	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.

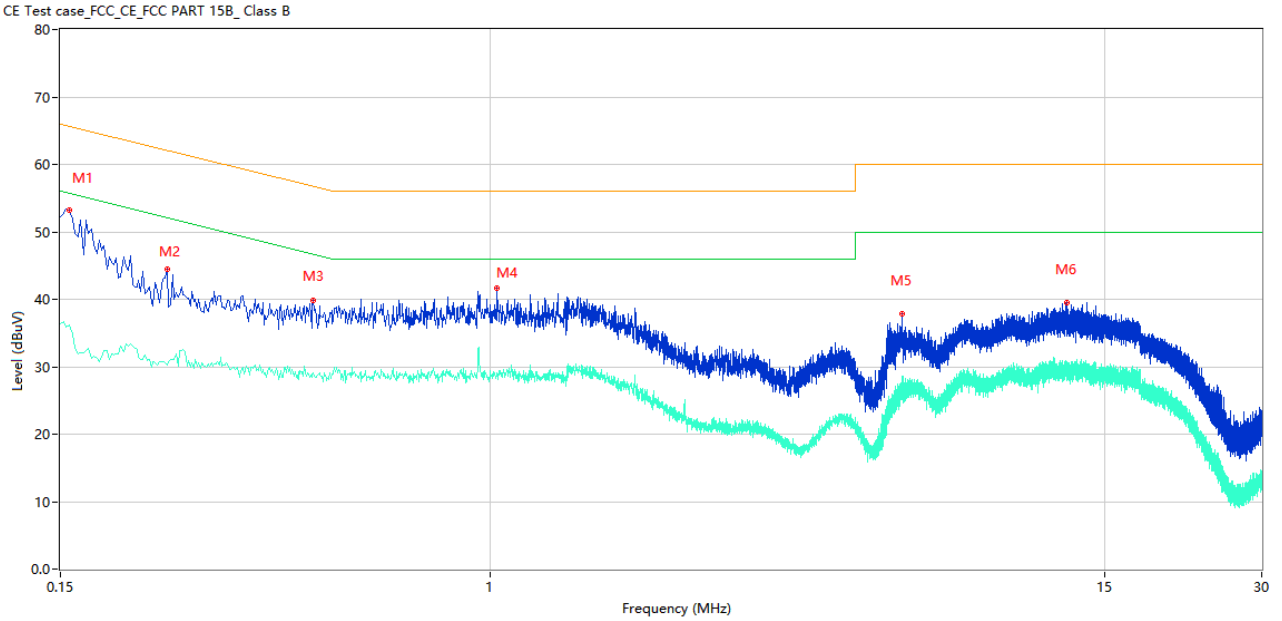
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.154	49.72	10.41	65.78	-16.06	Peak	L	Pass
1**	0.154	31.27	10.41	55.78	-24.51	AV	L	Pass
2	0.240	43.13	10.35	62.10	-18.97	Peak	L	Pass
2**	0.240	31.12	10.35	52.10	-20.98	AV	L	Pass
3	0.452	41.05	10.30	56.84	-15.79	Peak	L	Pass
3**	0.452	29.80	10.30	46.84	-17.04	AV	L	Pass
4	1.322	41.16	10.24	56.00	-14.84	Peak	L	Pass
4**	1.322	28.58	10.24	46.00	-17.42	AV	L	Pass
5	6.114	38.48	10.32	60.00	-21.52	Peak	L	Pass
5**	6.114	27.15	10.32	50.00	-22.85	AV	L	Pass
6	8.244	37.59	10.34	60.00	-22.41	Peak	L	Pass
6**	8.244	27.37	10.34	50.00	-22.63	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.156	53.20	10.41	65.67	-12.47	Peak	N	Pass
1**	0.156	36.13	10.41	55.67	-19.54	AV	N	Pass
2	0.240	44.49	10.35	62.10	-17.61	Peak	N	Pass
2**	0.240	30.18	10.35	52.10	-21.92	AV	N	Pass
3	0.458	39.81	10.30	56.73	-16.92	Peak	N	Pass
3**	0.458	29.12	10.30	46.73	-17.61	AV	N	Pass
4	1.030	41.69	10.23	56.00	-14.31	Peak	N	Pass
4**	1.030	29.10	10.23	46.00	-16.90	AV	N	Pass
5	6.140	37.85	10.33	60.00	-22.15	Peak	N	Pass
5**	6.140	27.09	10.33	50.00	-22.91	AV	N	Pass
6	12.676	39.53	10.39	60.00	-20.47	Peak	N	Pass
6**	12.676	28.96	10.39	50.00	-21.04	AV	N	Pass

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

Test Data

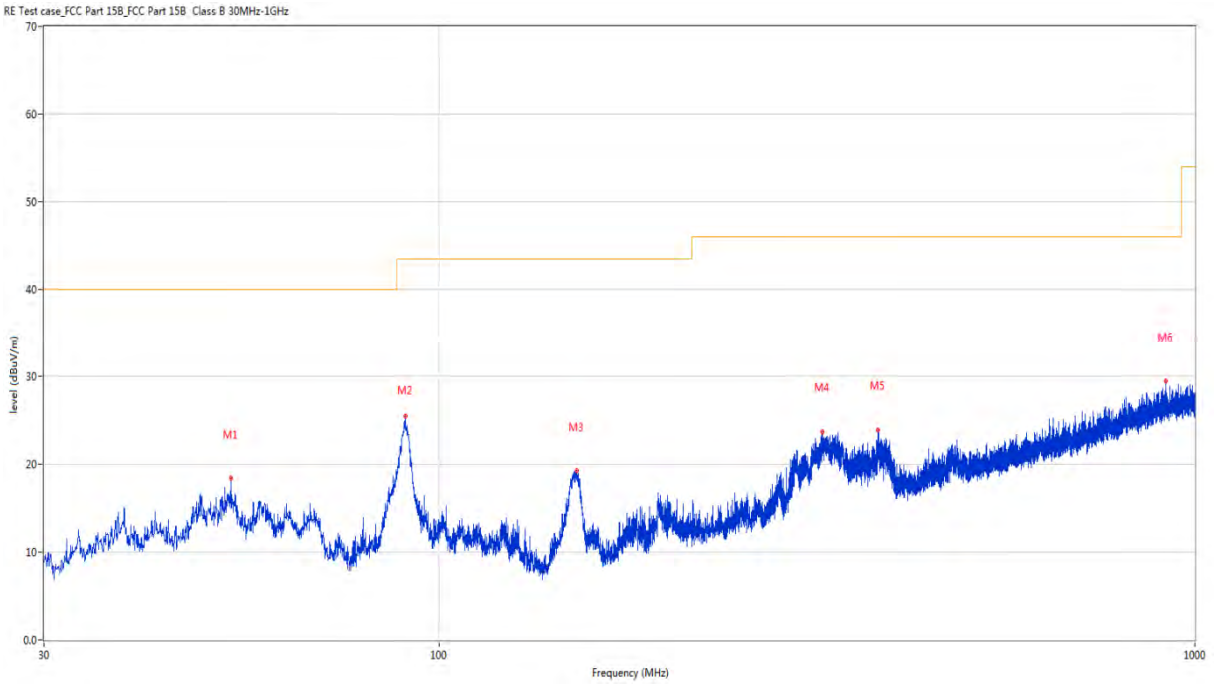
Note [1]: The symbol of "--" in the table which means not application.

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.

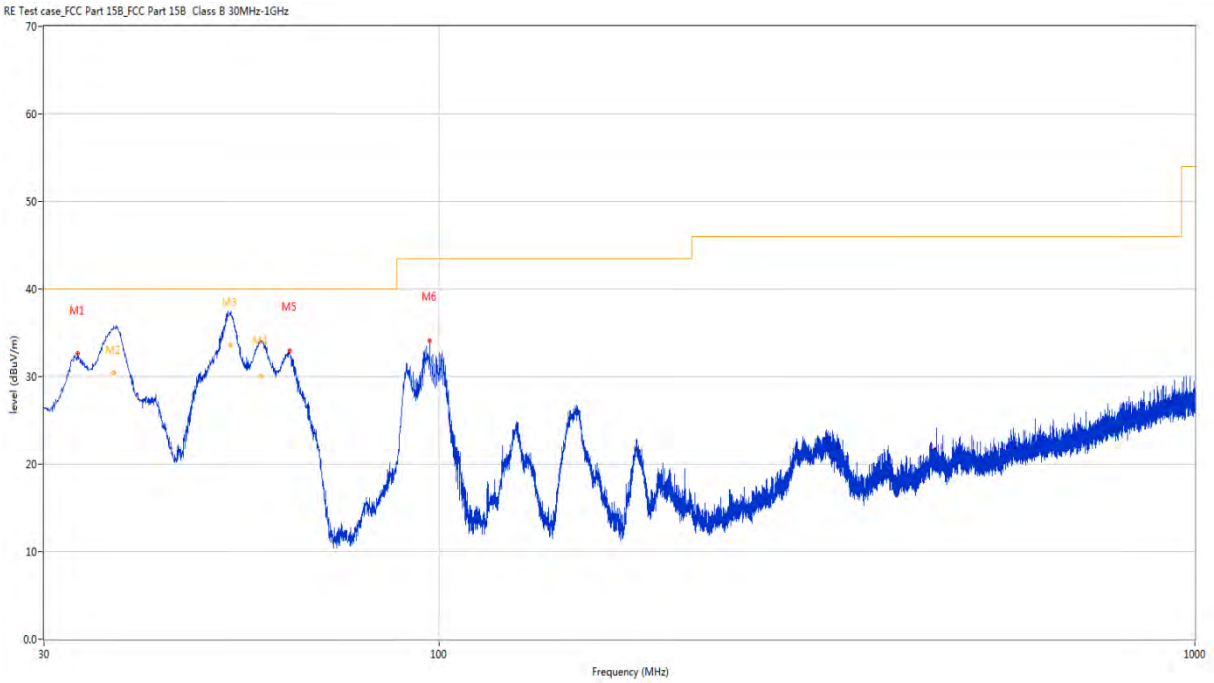
Note [4]: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

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	52.989	18.38	-23.00	40.0	-21.62	Peak	157.90	200	Horizontal	Pass
2	90.188	25.51	-26.08	43.5	-17.99	Peak	276.80	200	Horizontal	Pass
3	151.929	19.28	-27.93	43.5	-24.22	Peak	328.20	200	Horizontal	Pass
4	321.146	23.72	-21.12	46.0	-22.28	Peak	307.80	100	Horizontal	Pass
5	381.189	23.92	-19.20	46.0	-22.08	Peak	211.90	100	Horizontal	Pass
6	915.319	29.44	-9.45	46.0	-16.56	Peak	255.30	200	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	33.201	32.58	-26.30	40.0	-7.42	Peak	0.00	100	Vertical	Pass
2	37.096	32.79	-24.59	40.0	-7.21	Peak	312.40	100	Vertical	N/A
2*	37.096	30.45	-24.59	40.0	-9.55	QP	312.40	100	Vertical	Pass
3	52.916	36.60	-23.00	40.0	-3.40	Peak	220.00	100	Vertical	N/A
3*	52.916	33.57	-23.00	40.0	-6.43	QP	220.00	100	Vertical	Pass
4	58.084	34.04	-24.11	40.0	-5.96	Peak	236.80	100	Vertical	N/A
4*	58.084	29.95	-24.11	40.0	-10.05	QP	236.80	100	Vertical	Pass
5	63.368	32.96	-24.83	40.0	-7.04	Peak	89.80	100	Vertical	Pass
6	97.124	34.09	-24.84	43.5	-9.41	Peak	73.30	100	Vertical	Pass

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

Main Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1111.600	36.39	-18.44	74.0	-37.61	Peak	184.00	150	Horizontal	Pass
1**	1111.600	26.87	-18.44	54.0	-27.13	AV	184.00	150	Horizontal	Pass
2	1508.800	37.68	-17.81	74.0	-36.32	Peak	131.00	150	Horizontal	Pass
2**	1508.800	28.82	-17.81	54.0	-25.18	AV	131.00	150	Horizontal	Pass
3	3997.400	46.28	-5.70	74.0	-27.72	Peak	118.00	150	Horizontal	Pass
3**	3997.400	36.83	-5.70	54.0	-17.17	AV	118.00	150	Horizontal	Pass
4	5176.400	106.87	-3.16	--	28.87	Peak	78.00	150	Horizontal	N/A
4**	5176.400	97.92	-3.16	--	97.92	AV	78.00	150	Horizontal	N/A
5	7553.150	47.41	-1.56	74.0	-26.59	Peak	215.00	150	Horizontal	Pass
5**	7553.150	39.10	-1.56	54.0	-14.90	AV	215.00	150	Horizontal	Pass
6	11626.450	50.93	2.30	74.0	-23.07	Peak	359.00	150	Horizontal	Pass
6**	11626.450	41.22	2.30	54.0	-12.78	AV	359.00	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	1066.200	37.76	-18.65	74.0	-36.24	Peak	216.00	150	Vertical	Pass
1**	1066.200	27.78	-18.65	54.0	-26.22	AV	216.00	150	Vertical	Pass
2	1332.500	40.57	-17.75	74.0	-33.43	Peak	360.00	150	Vertical	Pass
2**	1332.500	29.95	-17.75	54.0	-24.05	AV	360.00	150	Vertical	Pass
3	4014.000	47.83	-5.77	74.0	-26.17	Peak	150.00	150	Vertical	Pass
3**	4014.000	36.97	-5.77	54.0	-17.03	AV	150.00	150	Vertical	Pass
4	5182.000	99.23	-3.21	--	92.23	Peak	7.00	150	Vertical	N/A
4**	5182.000	91.79	-3.21	--	91.79	AV	7.00	150	Vertical	N/A
5	7558.325	47.06	-1.68	74.0	-26.94	Peak	260.00	150	Vertical	Pass
5**	7558.325	38.44	-1.68	54.0	-15.56	AV	260.00	150	Vertical	Pass
6	12192.538	50.82	2.45	74.0	-23.18	Peak	20.00	150	Vertical	Pass
6**	12192.538	41.30	2.45	54.0	-12.70	AV	20.00	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	1131.100	36.65	-18.34	74.0	-37.35	Peak	156.00	150	Horizontal	Pass
1**	1131.100	27.09	-18.34	54.0	-26.91	AV	156.00	150	Horizontal	Pass
2	1511.700	37.97	-17.80	74.0	-36.03	Peak	289.00	150	Horizontal	Pass
2**	1511.700	27.87	-17.80	54.0	-26.13	AV	289.00	150	Horizontal	Pass
3	3782.200	45.44	-5.57	74.0	-28.56	Peak	333.00	150	Horizontal	Pass
3**	3782.200	36.48	-5.57	54.0	-17.52	AV	333.00	150	Horizontal	Pass
4	5223.200	107.46	-3.47	--	31.46	Peak	76.00	150	Horizontal	N/A
4**	5223.200	100.15	-3.47	--	100.15	AV	76.00	150	Horizontal	N/A
5	7557.750	47.34	-1.67	74.0	-26.66	Peak	234.00	150	Horizontal	Pass
5**	7557.750	39.04	-1.67	54.0	-14.96	AV	234.00	150	Horizontal	Pass
6	12206.338	51.23	2.57	74.0	-22.77	Peak	246.00	150	Horizontal	Pass
6**	12206.338	41.42	2.57	54.0	-12.58	AV	246.00	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	1063.100	39.16	-18.63	74.0	-34.84	Peak	197.00	150	Vertical	Pass
1**	1063.100	30.17	-18.63	54.0	-23.83	AV	197.00	150	Vertical	Pass
2	1332.700	39.15	-17.75	74.0	-34.85	Peak	0.00	150	Vertical	Pass
2**	1332.700	28.77	-17.75	54.0	-25.23	AV	0.00	150	Vertical	Pass
3	4202.800	47.38	-5.20	74.0	-26.62	Peak	236.00	150	Vertical	Pass
3**	4202.800	37.59	-5.20	54.0	-16.41	AV	236.00	150	Vertical	Pass
4	5218.400	100.99	-3.46	--	93.99	Peak	7.00	150	Vertical	N/A
4**	5218.400	92.03	-3.46	--	92.03	AV	7.00	150	Vertical	N/A
5	7558.325	47.26	-1.68	74.0	-26.74	Peak	1.00	150	Vertical	Pass
5**	7558.325	38.97	-1.68	54.0	-15.03	AV	1.00	150	Vertical	Pass
6	11574.125	50.29	1.70	74.0	-23.71	Peak	68.00	150	Vertical	Pass
6**	11574.125	40.81	1.70	54.0	-13.19	AV	68.00	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	1108.500	36.31	-18.46	74.0	-37.69	Peak	0.00	150	Horizontal	Pass
1**	1108.500	26.60	-18.46	54.0	-27.40	AV	0.00	150	Horizontal	Pass
2	1448.900	38.61	-17.67	74.0	-35.39	Peak	189.00	150	Horizontal	Pass
2**	1448.900	28.80	-17.67	54.0	-25.20	AV	189.00	150	Horizontal	Pass
3	4104.200	47.53	-5.31	74.0	-26.47	Peak	292.00	150	Horizontal	Pass
3**	4104.200	37.82	-5.31	54.0	-16.18	AV	292.00	150	Horizontal	Pass
4	5236.800	106.91	-3.67	--	29.91	Peak	77.00	150	Horizontal	N/A
4**	5236.800	99.38	-3.67	--	99.38	AV	77.00	150	Horizontal	N/A
5	7559.475	47.66	-1.72	74.0	-26.34	Peak	297.00	150	Horizontal	Pass
5**	7559.475	38.94	-1.72	54.0	-15.06	AV	297.00	150	Horizontal	Pass
6	12012.276	50.67	1.08	74.0	-23.33	Peak	8.00	150	Horizontal	Pass
6**	12012.276	41.30	1.08	54.0	-12.70	AV	8.00	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	1066.200	40.78	-18.65	74.0	-33.22	Peak	201.00	150	Vertical	Pass
1**	1066.200	27.58	-18.65	54.0	-26.42	AV	201.00	150	Vertical	Pass
2	1363.800	37.89	-17.52	74.0	-36.11	Peak	76.00	150	Vertical	Pass
2**	1363.800	28.62	-17.52	54.0	-25.38	AV	76.00	150	Vertical	Pass
3	3941.200	46.11	-6.29	74.0	-27.89	Peak	348.00	150	Vertical	Pass
3**	3941.200	36.37	-6.29	54.0	-17.63	AV	348.00	150	Vertical	Pass
4	5240.600	101.26	-3.69	--	94.26	Peak	7.00	150	Vertical	N/A
4**	5240.600	93.47	-3.69	--	93.47	AV	7.00	150	Vertical	N/A
5	7558.612	47.67	-1.68	74.0	-26.33	Peak	67.00	150	Vertical	Pass
5**	7558.612	38.46	-1.68	54.0	-15.54	AV	67.00	150	Vertical	Pass
6	12220.137	50.67	2.60	74.0	-23.33	Peak	297.00	150	Vertical	Pass
6**	12220.137	42.10	2.60	54.0	-11.90	AV	297.00	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	1130.100	36.25	-18.35	74.0	-37.75	Peak	290.00	150	Horizontal	Pass
1**	1130.100	27.77	-18.35	54.0	-26.23	AV	290.00	150	Horizontal	Pass
2	1575.900	37.90	-17.53	74.0	-36.10	Peak	360.00	150	Horizontal	Pass
2**	1575.900	28.34	-17.53	54.0	-25.66	AV	360.00	150	Horizontal	Pass
3	4187.800	47.31	-5.19	74.0	-26.69	Peak	148.00	150	Horizontal	Pass
3**	4187.800	38.52	-5.19	54.0	-15.48	AV	148.00	150	Horizontal	Pass
4	5181.000	105.97	-3.18	--	28.97	Peak	77.00	150	Horizontal	N/A
4**	5181.000	98.66	-3.18	--	98.66	AV	77.00	150	Horizontal	N/A
5	7544.813	47.73	-1.60	74.0	-26.27	Peak	357.00	150	Horizontal	Pass
5**	7544.813	39.18	-1.60	54.0	-14.82	AV	357.00	150	Horizontal	Pass
6	12388.325	51.24	1.83	74.0	-22.76	Peak	69.00	150	Horizontal	Pass
6**	12388.325	41.12	1.83	54.0	-12.88	AV	69.00	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	1065.300	39.89	-18.60	74.0	-34.11	Peak	196.00	150	Vertical	Pass
1**	1065.300	32.43	-18.60	54.0	-21.57	AV	196.00	150	Vertical	Pass
2	1329.400	40.01	-17.68	74.0	-33.99	Peak	340.00	150	Vertical	Pass
2**	1329.400	30.30	-17.68	54.0	-23.70	AV	340.00	150	Vertical	Pass
3	4205.000	47.48	-5.14	74.0	-26.52	Peak	182.00	150	Vertical	Pass
3**	4205.000	37.70	-5.14	54.0	-16.30	AV	182.00	150	Vertical	Pass
4	5181.400	100.12	-3.19	--	92.12	Peak	8.00	150	Vertical	N/A
4**	5181.400	90.30	-3.19	--	90.30	AV	8.00	150	Vertical	N/A
5	7548.263	47.11	-1.59	74.0	-26.89	Peak	0.00	150	Vertical	Pass
5**	7548.263	38.53	-1.59	54.0	-15.47	AV	0.00	150	Vertical	Pass
6	11671.875	50.30	2.47	74.0	-23.70	Peak	234.00	150	Vertical	Pass
6**	11671.875	41.53	2.47	54.0	-12.47	AV	234.00	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	1219.600	37.29	-18.01	74.0	-36.71	Peak	309.00	150	Horizontal	Pass
1**	1219.600	27.27	-18.01	54.0	-26.73	AV	309.00	150	Horizontal	Pass
2	1563.500	37.54	-17.65	74.0	-36.46	Peak	360.00	150	Horizontal	Pass
2**	1563.500	27.57	-17.65	54.0	-26.43	AV	360.00	150	Horizontal	Pass
3	4298.400	47.62	-4.89	74.0	-26.38	Peak	360.00	150	Horizontal	Pass
3**	4298.400	37.67	-4.89	54.0	-16.33	AV	360.00	150	Horizontal	Pass
4	5227.600	106.87	-3.50	--	25.87	Peak	81.00	150	Horizontal	N/A
4**	5227.600	99.65	-3.50	--	99.65	AV	81.00	150	Horizontal	N/A
5	7535.612	47.54	-1.75	74.0	-26.46	Peak	0.00	150	Horizontal	Pass
5**	7535.612	38.18	-1.75	54.0	-15.82	AV	0.00	150	Horizontal	Pass
6	12235.088	50.98	2.63	74.0	-23.02	Peak	164.00	150	Horizontal	Pass
6**	12235.088	41.57	2.63	54.0	-12.43	AV	164.00	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	1062.300	39.74	-18.64	74.0	-34.26	Peak	311.00	150	Vertical	Pass
1**	1062.300	26.91	-18.64	54.0	-27.09	AV	311.00	150	Vertical	Pass
2	1332.400	39.95	-17.74	74.0	-34.05	Peak	355.00	150	Vertical	Pass
2**	1332.400	28.87	-17.74	54.0	-25.13	AV	355.00	150	Vertical	Pass
3	3956.000	46.08	-5.84	74.0	-27.92	Peak	249.00	150	Vertical	Pass
3**	3956.000	36.91	-5.84	54.0	-17.09	AV	249.00	150	Vertical	Pass
4	5219.000	100.93	-3.48	--	91.93	Peak	9.00	150	Vertical	N/A
4**	5219.000	93.22	-3.48	--	93.22	AV	9.00	150	Vertical	N/A
5	7547.975	47.09	-1.58	74.0	-26.91	Peak	349.00	150	Vertical	Pass
5**	7547.975	38.07	-1.58	54.0	-15.93	AV	349.00	150	Vertical	Pass
6	12217.550	51.24	2.59	74.0	-22.76	Peak	80.00	150	Vertical	Pass
6**	12217.550	41.58	2.59	54.0	-12.42	AV	80.00	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	1120.700	37.80	-18.35	74.0	-36.20	Peak	121.00	150	Horizontal	Pass
1**	1120.700	26.66	-18.35	54.0	-27.34	AV	121.00	150	Horizontal	Pass
2	1367.000	37.55	-17.56	74.0	-36.45	Peak	0.00	150	Horizontal	Pass
2**	1367.000	29.02	-17.56	54.0	-24.98	AV	0.00	150	Horizontal	Pass
3	3961.200	46.10	-5.51	74.0	-27.90	Peak	275.00	150	Horizontal	Pass
3**	3961.200	36.87	-5.51	54.0	-17.13	AV	275.00	150	Horizontal	Pass
4	5244.200	106.55	-3.73	--	6.55	Peak	100.00	150	Horizontal	N/A
4**	5244.200	98.45	-3.73	--	98.45	AV	100.00	150	Horizontal	N/A
5	7460.862	47.67	-2.14	74.0	-26.33	Peak	360.00	150	Horizontal	Pass
5**	7460.862	37.89	-2.14	54.0	-16.11	AV	360.00	150	Horizontal	Pass
6	12128.713	51.22	1.70	74.0	-22.78	Peak	218.00	150	Horizontal	Pass
6**	12128.713	41.24	1.70	54.0	-12.76	AV	218.00	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	1007.000	33.54	-18.26	74.0	-40.46	Peak	304.00	150	Vertical	Pass
1**	1007.000	26.83	-18.26	54.0	-27.17	AV	304.00	150	Vertical	Pass
2	1329.000	39.36	-17.67	74.0	-34.64	Peak	349.00	150	Vertical	Pass
2**	1329.000	28.94	-17.67	54.0	-25.06	AV	349.00	150	Vertical	Pass
3	4224.600	48.61	-4.79	74.0	-25.39	Peak	163.00	150	Vertical	Pass
3**	4224.600	38.49	-4.79	54.0	-15.51	AV	163.00	150	Vertical	Pass
4	5242.200	100.33	-3.72	--	91.33	Peak	9.00	150	Vertical	N/A
4**	5242.200	92.07	-3.72	--	92.07	AV	9.00	150	Vertical	N/A
5	7548.550	47.54	-1.59	74.0	-26.46	Peak	145.00	150	Vertical	Pass
5**	7548.550	38.89	-1.59	54.0	-15.11	AV	145.00	150	Vertical	Pass
6	12240.838	52.01	2.64	74.0	-21.99	Peak	83.00	150	Vertical	Pass
6**	12240.838	42.10	2.64	54.0	-11.90	AV	83.00	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	1171.100	36.69	-18.50	74.0	-37.31	Peak	250.00	150	Horizontal	Pass
1**	1171.100	26.76	-18.50	54.0	-27.24	AV	250.00	150	Horizontal	Pass
2	1605.100	37.30	-17.70	74.0	-36.70	Peak	211.00	150	Horizontal	Pass
2**	1605.100	28.30	-17.70	54.0	-25.70	AV	211.00	150	Horizontal	Pass
3	4283.800	47.72	-4.68	74.0	-26.28	Peak	3.00	150	Horizontal	Pass
3**	4283.800	37.57	-4.68	54.0	-16.43	AV	3.00	150	Horizontal	Pass
4	5192.600	104.48	-3.27	--	31.48	Peak	73.00	150	Horizontal	N/A
4**	5192.600	95.85	-3.27	--	95.85	AV	73.00	150	Horizontal	N/A
5	7560.625	48.21	-1.78	74.0	-25.79	Peak	103.00	150	Horizontal	Pass
5**	7560.625	40.11	-1.78	54.0	-13.89	AV	103.00	150	Horizontal	Pass
6	12235.950	50.98	2.63	74.0	-23.02	Peak	341.00	150	Horizontal	Pass
6**	12235.950	41.60	2.63	54.0	-12.40	AV	341.00	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	1066.000	40.40	-18.64	74.0	-33.60	Peak	189.00	150	Vertical	Pass
1**	1066.000	26.58	-18.64	54.0	-27.42	AV	189.00	150	Vertical	Pass
2	1331.700	39.99	-17.73	74.0	-34.01	Peak	0.00	150	Vertical	Pass
2**	1331.700	31.81	-17.73	54.0	-22.19	AV	0.00	150	Vertical	Pass
3	4269.200	48.03	-4.83	74.0	-25.97	Peak	263.00	150	Vertical	Pass
3**	4269.200	38.32	-4.83	54.0	-15.68	AV	263.00	150	Vertical	Pass
4	5186.000	96.00	-3.19	--	94.00	Peak	2.00	150	Vertical	N/A
4**	5186.000	88.54	-3.19	--	88.54	AV	2.00	150	Vertical	N/A
5	7545.962	47.51	-1.58	74.0	-26.49	Peak	270.00	150	Vertical	Pass
5**	7545.962	38.50	-1.58	54.0	-15.50	AV	270.00	150	Vertical	Pass
6	12250.900	50.76	2.66	74.0	-23.24	Peak	258.00	150	Vertical	Pass
6**	12250.900	42.39	2.66	54.0	-11.61	AV	258.00	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	1062.900	36.49	-18.63	74.0	-37.51	Peak	360.00	150	Horizontal	Pass
1**	1062.900	26.39	-18.63	54.0	-27.61	AV	360.00	150	Horizontal	Pass
2	1584.000	37.87	-17.65	74.0	-36.13	Peak	44.00	150	Horizontal	Pass
2**	1584.000	28.28	-17.65	54.0	-25.72	AV	44.00	150	Horizontal	Pass
3	4203.600	47.48	-5.18	74.0	-26.52	Peak	131.00	150	Horizontal	Pass
3**	4203.600	37.69	-5.18	54.0	-16.31	AV	131.00	150	Horizontal	Pass
4	5225.000	105.50	-3.48	--	24.50	Peak	81.00	150	Horizontal	N/A
4**	5225.000	97.58	-3.48	--	97.58	AV	81.00	150	Horizontal	N/A
5	7550.275	47.30	-1.61	74.0	-26.70	Peak	299.00	150	Horizontal	Pass
5**	7550.275	38.37	-1.61	54.0	-15.63	AV	299.00	150	Horizontal	Pass
6	11870.250	51.68	0.71	74.0	-22.32	Peak	238.00	150	Horizontal	Pass
6**	11870.250	40.48	0.71	54.0	-13.52	AV	238.00	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	1064.800	38.90	-18.58	74.0	-35.10	Peak	198.00	150	Vertical	Pass
1**	1064.800	29.76	-18.58	54.0	-24.24	AV	198.00	150	Vertical	Pass
2	1327.900	38.59	-17.65	74.0	-35.41	Peak	358.00	150	Vertical	Pass
2**	1327.900	29.37	-17.65	54.0	-24.63	AV	358.00	150	Vertical	Pass
3	3770.800	46.34	-6.05	74.0	-27.66	Peak	134.00	150	Vertical	Pass
3**	3770.800	36.77	-6.05	54.0	-17.23	AV	134.00	150	Vertical	Pass
4	5227.000	98.27	-3.50	--	89.27	Peak	9.00	150	Vertical	N/A
4**	5227.000	90.16	-3.50	--	90.16	AV	9.00	150	Vertical	N/A
5	7555.163	47.59	-1.60	74.0	-26.41	Peak	106.00	150	Vertical	Pass
5**	7555.163	38.60	-1.60	54.0	-15.40	AV	106.00	150	Vertical	Pass
6	12269.300	50.84	2.50	74.0	-23.16	Peak	143.00	150	Vertical	Pass
6**	12269.300	41.19	2.50	54.0	-12.81	AV	143.00	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	1154.100	36.66	-18.42	74.0	-37.34	Peak	229.00	150	Horizontal	Pass
1**	1154.100	27.08	-18.42	54.0	-26.92	AV	229.00	150	Horizontal	Pass
2	1599.600	37.98	-17.73	74.0	-36.02	Peak	229.00	150	Horizontal	Pass
2**	1599.600	29.00	-17.73	54.0	-25.00	AV	229.00	150	Horizontal	Pass
3	4182.600	47.28	-5.04	74.0	-26.72	Peak	132.00	150	Horizontal	Pass
3**	4182.600	38.56	-5.04	54.0	-15.44	AV	132.00	150	Horizontal	Pass
4	5181.200	101.07	-3.19	--	0.07	Peak	101.00	150	Horizontal	N/A
4**	5181.200	94.21	-3.19	--	94.21	AV	101.00	150	Horizontal	N/A
5	7559.187	47.27	-1.71	74.0	-26.73	Peak	7.00	150	Horizontal	Pass
5**	7559.187	38.35	-1.71	54.0	-15.65	AV	7.00	150	Horizontal	Pass
6	12279.075	51.55	2.42	74.0	-22.45	Peak	123.00	150	Horizontal	Pass
6**	12279.075	41.59	2.42	54.0	-12.41	AV	123.00	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	1065.200	37.83	-18.60	74.0	-36.17	Peak	197.00	150	Vertical	Pass
1**	1065.200	31.83	-18.60	54.0	-22.17	AV	197.00	150	Vertical	Pass
2	1327.400	38.28	-17.65	74.0	-35.72	Peak	342.00	150	Vertical	Pass
2**	1327.400	31.60	-17.65	54.0	-22.40	AV	342.00	150	Vertical	Pass
3	4203.800	47.87	-5.17	74.0	-26.13	Peak	268.00	150	Vertical	Pass
3**	4203.800	37.94	-5.17	54.0	-16.06	AV	268.00	150	Vertical	Pass
4	5181.000	92.18	-3.18	--	84.18	Peak	8.00	150	Vertical	N/A
4**	5181.000	86.01	-3.18	--	86.01	AV	8.00	150	Vertical	N/A
5	7546.825	48.23	-1.58	74.0	-25.77	Peak	88.00	150	Vertical	Pass
5**	7546.825	39.05	-1.58	54.0	-14.95	AV	88.00	150	Vertical	Pass
6	12091.912	50.68	1.42	74.0	-23.32	Peak	258.00	150	Vertical	Pass
6**	12091.912	41.09	1.42	54.0	-12.91	AV	258.00	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	1141.700	36.96	-18.39	74.0	-37.04	Peak	102.00	150	Horizontal	Pass
1**	1141.700	27.09	-18.39	54.0	-26.91	AV	102.00	150	Horizontal	Pass
2	1581.400	37.74	-17.54	74.0	-36.26	Peak	333.00	150	Horizontal	Pass
2**	1581.400	28.83	-17.54	54.0	-25.17	AV	333.00	150	Horizontal	Pass
3	3964.000	46.68	-5.30	74.0	-27.32	Peak	6.00	150	Horizontal	Pass
3**	3964.000	36.90	-5.30	54.0	-17.10	AV	6.00	150	Horizontal	Pass
4	5217.200	102.80	-3.42	--	22.80	Peak	80.00	150	Horizontal	N/A
4**	5217.200	94.14	-3.42	--	94.14	AV	80.00	150	Horizontal	N/A
5	7541.075	47.55	-1.65	74.0	-26.45	Peak	322.00	150	Horizontal	Pass
5**	7541.075	39.16	-1.65	54.0	-14.84	AV	322.00	150	Horizontal	Pass
6	12127.563	50.80	1.69	74.0	-23.20	Peak	360.00	150	Horizontal	Pass
6**	12127.563	40.63	1.69	54.0	-13.37	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.800	38.22	-18.61	74.0	-35.78	Peak	290.00	150	Vertical	Pass
1**	1063.800	27.76	-18.61	54.0	-26.24	AV	290.00	150	Vertical	Pass
2	1329.500	40.06	-17.68	74.0	-33.94	Peak	356.00	150	Vertical	Pass
2**	1329.500	28.77	-17.68	54.0	-25.23	AV	356.00	150	Vertical	Pass
3	4255.000	48.11	-4.73	74.0	-25.89	Peak	360.00	150	Vertical	Pass
3**	4255.000	37.80	-4.73	54.0	-16.20	AV	360.00	150	Vertical	Pass
4	5217.200	94.45	-3.42	--	93.45	Peak	1.00	150	Vertical	N/A
4**	5217.200	86.26	-3.42	--	86.26	AV	1.00	150	Vertical	N/A
5	7564.650	47.54	-1.89	74.0	-26.46	Peak	131.00	150	Vertical	Pass
5**	7564.650	38.07	-1.89	54.0	-15.93	AV	131.00	150	Vertical	Pass
6	12388.901	50.73	1.83	74.0	-23.27	Peak	344.00	150	Vertical	Pass
6**	12388.901	41.09	1.83	54.0	-12.91	AV	344.00	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	1197.700	36.46	-18.18	74.0	-37.54	Peak	104.00	150	Horizontal	Pass
1**	1197.700	28.07	-18.18	54.0	-25.93	AV	104.00	150	Horizontal	Pass
2	1535.900	37.57	-17.69	74.0	-36.43	Peak	0.00	150	Horizontal	Pass
2**	1535.900	28.02	-17.69	54.0	-25.98	AV	0.00	150	Horizontal	Pass
3	4182.200	47.63	-5.03	74.0	-26.37	Peak	276.00	150	Horizontal	Pass
3**	4182.200	37.90	-5.03	54.0	-16.10	AV	276.00	150	Horizontal	Pass
4	5239.000	103.98	-3.66	--	4.98	Peak	99.00	150	Horizontal	N/A
4**	5239.000	97.59	-3.66	--	97.59	AV	99.00	150	Horizontal	N/A
5	7548.550	47.92	-1.59	74.0	-26.08	Peak	39.00	150	Horizontal	Pass
5**	7548.550	38.84	-1.59	54.0	-15.16	AV	39.00	150	Horizontal	Pass
6	12210.650	51.70	2.58	74.0	-22.30	Peak	9.00	150	Horizontal	Pass
6**	12210.650	41.64	2.58	54.0	-12.36	AV	9.00	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	1066.300	38.49	-18.65	74.0	-35.51	Peak	300.00	150	Vertical	Pass
1**	1066.300	27.53	-18.65	54.0	-26.47	AV	300.00	150	Vertical	Pass
2	1333.600	38.42	-17.75	74.0	-35.58	Peak	358.00	150	Vertical	Pass
2**	1333.600	29.26	-17.75	54.0	-24.74	AV	358.00	150	Vertical	Pass
3	4164.400	47.83	-5.02	74.0	-26.17	Peak	338.00	150	Vertical	Pass
3**	4164.400	37.88	-5.02	54.0	-16.12	AV	338.00	150	Vertical	Pass
4	5239.000	93.87	-3.66	--	93.87	Peak	0.00	150	Vertical	N/A
4**	5239.000	86.53	-3.66	--	86.53	AV	0.00	150	Vertical	N/A
5	7432.112	47.94	-2.21	74.0	-26.06	Peak	360.00	150	Vertical	Pass
5**	7432.112	37.62	-2.21	54.0	-16.38	AV	360.00	150	Vertical	Pass
6	12263.838	50.91	2.55	74.0	-23.09	Peak	9.00	150	Vertical	Pass
6**	12263.838	40.83	2.55	54.0	-13.17	AV	9.00	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	1122.500	36.66	-18.30	74.0	-37.34	Peak	95.00	150	Horizontal	Pass
1**	1122.500	27.03	-18.30	54.0	-26.97	AV	95.00	150	Horizontal	Pass
2	1325.900	38.09	-17.65	74.0	-35.91	Peak	0.00	150	Horizontal	Pass
2**	1325.900	27.93	-17.65	54.0	-26.07	AV	0.00	150	Horizontal	Pass
3	4231.800	47.09	-5.03	74.0	-26.91	Peak	5.00	150	Horizontal	Pass
3**	4231.800	37.82	-5.03	54.0	-16.18	AV	5.00	150	Horizontal	Pass
4	5198.800	96.96	-3.27	--	-8.04	Peak	105.00	150	Horizontal	N/A
4**	5198.800	88.33	-3.27	--	88.33	AV	105.00	150	Horizontal	N/A
5	7547.975	47.29	-1.58	74.0	-26.71	Peak	307.00	150	Horizontal	Pass
5**	7547.975	38.64	-1.58	54.0	-15.36	AV	307.00	150	Horizontal	Pass
6	12216.401	51.86	2.59	74.0	-22.14	Peak	11.00	150	Horizontal	Pass
6**	12216.401	41.40	2.59	54.0	-12.60	AV	11.00	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	1064.400	39.05	-18.59	74.0	-34.95	Peak	214.00	150	Vertical	Pass
1**	1064.400	29.76	-18.59	54.0	-24.24	AV	214.00	150	Vertical	Pass
2	1332.900	41.50	-17.75	74.0	-32.50	Peak	344.00	150	Vertical	Pass
2**	1332.900	29.65	-17.75	54.0	-24.35	AV	344.00	150	Vertical	Pass
3	4181.400	47.41	-5.02	74.0	-26.59	Peak	11.00	150	Vertical	Pass
3**	4181.400	38.31	-5.02	54.0	-15.69	AV	11.00	150	Vertical	Pass
4	5191.400	88.66	-3.23	--	88.66	Peak	0.00	150	Vertical	N/A
4**	5191.400	80.30	-3.23	--	80.30	AV	0.00	150	Vertical	N/A
5	7557.750	47.84	-1.67	74.0	-26.16	Peak	60.00	150	Vertical	Pass
5**	7557.750	38.82	-1.67	54.0	-15.18	AV	60.00	150	Vertical	Pass
6	12211.800	51.23	2.58	74.0	-22.77	Peak	41.00	150	Vertical	Pass
6**	12211.800	42.16	2.58	54.0	-11.84	AV	41.00	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	1140.400	36.60	-18.37	74.0	-37.40	Peak	101.00	150	Horizontal	Pass
1**	1140.400	27.12	-18.37	54.0	-26.88	AV	101.00	150	Horizontal	Pass
2	1494.400	37.48	-17.78	74.0	-36.52	Peak	123.00	150	Horizontal	Pass
2**	1494.400	29.05	-17.78	54.0	-24.95	AV	123.00	150	Horizontal	Pass
3	3962.800	46.18	-5.36	74.0	-27.82	Peak	147.00	150	Horizontal	Pass
3**	3962.800	36.96	-5.36	54.0	-17.04	AV	147.00	150	Horizontal	Pass
4	5226.600	99.67	-3.49	--	7.67	Peak	92.00	150	Horizontal	N/A
4**	5226.600	91.58	-3.49	--	91.58	AV	92.00	150	Horizontal	N/A
5	7532.738	47.50	-1.69	74.0	-26.50	Peak	322.00	150	Horizontal	Pass
5**	7532.738	38.37	-1.69	54.0	-15.63	AV	322.00	150	Horizontal	Pass
6	12100.537	51.11	1.48	74.0	-22.89	Peak	11.00	150	Horizontal	Pass
6**	12100.537	40.79	1.48	54.0	-13.21	AV	11.00	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	1062.900	38.14	-18.63	74.0	-35.86	Peak	211.00	150	Vertical	Pass
1**	1062.900	29.64	-18.63	54.0	-24.36	AV	211.00	150	Vertical	Pass
2	1327.000	38.38	-17.65	74.0	-35.62	Peak	337.00	150	Vertical	Pass
2**	1327.000	28.47	-17.65	54.0	-25.53	AV	337.00	150	Vertical	Pass
3	3913.800	46.04	-5.93	74.0	-27.96	Peak	8.00	150	Vertical	Pass
3**	3913.800	36.93	-5.93	54.0	-17.07	AV	8.00	150	Vertical	Pass
4	5227.200	90.72	-3.50	--	82.72	Peak	8.00	150	Vertical	N/A
4**	5227.200	82.52	-3.50	--	82.52	AV	8.00	150	Vertical	N/A
5	7571.837	47.60	-2.07	74.0	-26.40	Peak	360.00	150	Vertical	Pass
5**	7571.837	38.17	-2.07	54.0	-15.83	AV	360.00	150	Vertical	Pass
6	12200.875	51.44	2.56	74.0	-22.56	Peak	11.00	150	Vertical	Pass
6**	12200.875	41.61	2.56	54.0	-12.39	AV	11.00	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	1138.600	36.00	-18.33	74.0	-38.00	Peak	64.00	150	Horizontal	Pass
1**	1138.600	27.64	-18.33	54.0	-26.36	AV	64.00	150	Horizontal	Pass
2	1592.200	38.42	-17.80	74.0	-35.58	Peak	0.00	150	Horizontal	Pass
2**	1592.200	28.69	-17.80	54.0	-25.31	AV	0.00	150	Horizontal	Pass
3	4304.200	47.87	-4.91	74.0	-26.13	Peak	60.00	150	Horizontal	Pass
3**	4304.200	38.62	-4.91	54.0	-15.38	AV	60.00	150	Horizontal	Pass
4	5218.200	94.35	-3.45	--	2.35	Peak	92.00	150	Horizontal	N/A
4**	5218.200	87.47	-3.45	--	87.47	AV	92.00	150	Horizontal	N/A
5	7460.000	47.16	-2.16	74.0	-26.84	Peak	204.00	150	Horizontal	Pass
5**	7460.000	37.16	-2.16	54.0	-16.84	AV	204.00	150	Horizontal	Pass
6	12272.750	50.97	2.47	74.0	-23.03	Peak	92.00	150	Horizontal	Pass
6**	12272.750	42.02	2.47	54.0	-11.98	AV	92.00	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	1065.400	39.10	-18.61	74.0	-34.90	Peak	234.00	150	Vertical	Pass
1**	1065.400	30.63	-18.61	54.0	-23.37	AV	234.00	150	Vertical	Pass
2	1333.300	38.63	-17.75	74.0	-35.37	Peak	0.00	150	Vertical	Pass
2**	1333.300	30.09	-17.75	54.0	-23.91	AV	0.00	150	Vertical	Pass
3	4016.600	46.23	-5.78	74.0	-27.77	Peak	17.00	150	Vertical	Pass
3**	4016.600	37.09	-5.78	54.0	-16.91	AV	17.00	150	Vertical	Pass
4	5218.000	86.07	-3.45	--	84.07	Peak	2.00	150	Vertical	N/A
4**	5218.000	78.81	-3.45	--	78.81	AV	2.00	150	Vertical	N/A
5	7547.112	47.79	-1.58	74.0	-26.21	Peak	257.00	150	Vertical	Pass
5**	7547.112	38.73	-1.58	54.0	-15.27	AV	257.00	150	Vertical	Pass
6	11433.250	50.52	0.62	74.0	-23.48	Peak	203.00	150	Vertical	Pass
6**	11433.250	39.82	0.62	54.0	-14.18	AV	203.00	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	1118.400	36.28	-18.38	74.0	-37.72	Peak	38.00	150	Horizontal	Pass
1**	1118.400	27.03	-18.38	54.0	-26.97	AV	38.00	150	Horizontal	Pass
2	1571.000	37.72	-17.59	74.0	-36.28	Peak	163.00	150	Horizontal	Pass
2**	1571.000	28.83	-17.59	54.0	-25.17	AV	163.00	150	Horizontal	Pass
3	4192.400	47.33	-5.28	74.0	-26.67	Peak	230.00	150	Horizontal	Pass
3**	4192.400	38.33	-5.28	54.0	-15.67	AV	230.00	150	Horizontal	Pass
4	5257.600	107.29	-3.83	--	3.29	Peak	104.00	150	Horizontal	N/A
4**	5257.600	99.12	-3.83	--	99.12	AV	104.00	150	Horizontal	N/A
5	7479.550	47.97	-1.95	74.0	-26.03	Peak	326.00	150	Horizontal	Pass
5**	7479.550	37.61	-1.95	54.0	-16.39	AV	326.00	150	Horizontal	Pass
6	11558.025	50.95	1.55	74.0	-23.05	Peak	340.00	150	Horizontal	Pass
6**	11558.025	40.57	1.55	54.0	-13.43	AV	340.00	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	1065.900	40.00	-18.63	74.0	-34.00	Peak	200.00	150	Vertical	Pass
1**	1065.900	31.04	-18.63	54.0	-22.96	AV	200.00	150	Vertical	Pass
2	1328.200	40.82	-17.65	74.0	-33.18	Peak	352.00	150	Vertical	Pass
2**	1328.200	30.53	-17.65	54.0	-23.47	AV	352.00	150	Vertical	Pass
3	4121.400	46.65	-5.50	74.0	-27.35	Peak	314.00	150	Vertical	Pass
3**	4121.400	36.96	-5.50	54.0	-17.04	AV	314.00	150	Vertical	Pass
4	5258.400	102.56	-3.82	--	97.56	Peak	5.00	150	Vertical	N/A
4**	5258.400	94.67	-3.82	--	94.67	AV	5.00	150	Vertical	N/A
5	7434.125	47.36	-2.28	74.0	-26.64	Peak	272.00	150	Vertical	Pass
5**	7434.125	37.43	-2.28	54.0	-16.57	AV	272.00	150	Vertical	Pass
6	11386.387	50.14	0.54	74.0	-23.86	Peak	119.00	150	Vertical	Pass
6**	11386.387	41.13	0.54	54.0	-12.87	AV	119.00	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	1173.800	36.73	-18.45	74.0	-37.27	Peak	94.00	150	Horizontal	Pass
1**	1173.800	27.03	-18.45	54.0	-26.97	AV	94.00	150	Horizontal	Pass
2	1594.200	37.66	-17.81	74.0	-36.34	Peak	247.00	150	Horizontal	Pass
2**	1594.200	27.65	-17.81	54.0	-26.35	AV	247.00	150	Horizontal	Pass
3	4292.200	47.66	-4.75	74.0	-26.34	Peak	181.00	150	Horizontal	Pass
3**	4292.200	38.69	-4.75	54.0	-15.31	AV	181.00	150	Horizontal	Pass
4	5301.800	108.64	-3.31	--	30.64	Peak	78.00	150	Horizontal	N/A
4**	5301.800	101.29	-3.31	--	101.29	AV	78.00	150	Horizontal	N/A
5	7472.937	47.04	-1.99	74.0	-26.96	Peak	203.00	150	Horizontal	Pass
5**	7472.937	38.02	-1.99	54.0	-15.98	AV	203.00	150	Horizontal	Pass
6	12240.838	50.99	2.64	74.0	-23.01	Peak	314.00	150	Horizontal	Pass
6**	12240.838	41.66	2.64	54.0	-12.34	AV	314.00	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	1063.100	40.81	-18.63	74.0	-33.19	Peak	208.00	150	Vertical	Pass
1**	1063.100	29.65	-18.63	54.0	-24.35	AV	208.00	150	Vertical	Pass
2	1329.000	39.88	-17.67	74.0	-34.12	Peak	360.00	150	Vertical	Pass
2**	1329.000	31.38	-17.67	54.0	-22.62	AV	360.00	150	Vertical	Pass
3	4165.400	47.15	-4.98	74.0	-26.85	Peak	0.00	150	Vertical	Pass
3**	4165.400	38.05	-4.98	54.0	-15.95	AV	0.00	150	Vertical	Pass
4	5298.800	101.65	-3.34	--	93.65	Peak	8.00	150	Vertical	N/A
4**	5298.800	93.60	-3.34	--	93.60	AV	8.00	150	Vertical	N/A
5	7555.163	47.61	-1.60	74.0	-26.39	Peak	320.00	150	Vertical	Pass
5**	7555.163	39.20	-1.60	54.0	-14.80	AV	320.00	150	Vertical	Pass
6	11633.925	50.71	2.38	74.0	-23.29	Peak	128.00	150	Vertical	Pass
6**	11633.925	42.22	2.38	54.0	-11.78	AV	128.00	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	1107.700	36.53	-18.40	74.0	-37.47	Peak	127.00	150	Horizontal	Pass
1**	1107.700	27.76	-18.40	54.0	-26.24	AV	127.00	150	Horizontal	Pass
2	1575.600	37.70	-17.53	74.0	-36.30	Peak	226.00	150	Horizontal	Pass
2**	1575.600	28.63	-17.53	54.0	-25.37	AV	226.00	150	Horizontal	Pass
3	4179.000	47.04	-4.96	74.0	-26.96	Peak	289.00	150	Horizontal	Pass
3**	4179.000	37.78	-4.96	54.0	-16.22	AV	289.00	150	Horizontal	Pass
4	5318.600	107.37	-3.27	--	30.37	Peak	77.00	150	Horizontal	N/A
4**	5318.600	100.38	-3.27	--	100.38	AV	77.00	150	Horizontal	N/A
5	7487.312	47.41	-1.85	74.0	-26.59	Peak	177.00	150	Horizontal	Pass
5**	7487.312	37.95	-1.85	54.0	-16.05	AV	177.00	150	Horizontal	Pass
6	11629.038	50.75	2.32	74.0	-23.25	Peak	202.00	150	Horizontal	Pass
6**	11629.038	41.59	2.32	54.0	-12.41	AV	202.00	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	1066.100	40.17	-18.64	74.0	-33.83	Peak	218.00	150	Vertical	Pass
1**	1066.100	34.67	-18.64	54.0	-19.33	AV	218.00	150	Vertical	Pass
2	1331.500	40.68	-17.73	74.0	-33.32	Peak	360.00	150	Vertical	Pass
2**	1331.500	32.88	-17.73	54.0	-21.12	AV	360.00	150	Vertical	Pass
3	4202.800	47.48	-5.20	74.0	-26.52	Peak	93.00	150	Vertical	Pass
3**	4202.800	38.30	-5.20	54.0	-15.70	AV	93.00	150	Vertical	Pass
4	5322.600	100.43	-3.25	--	100.43	Peak	0.00	150	Vertical	N/A
4**	5322.600	93.18	-3.25	--	93.18	AV	0.00	150	Vertical	N/A
5	7558.612	48.00	-1.68	74.0	-26.00	Peak	1.00	150	Vertical	Pass
5**	7558.612	38.82	-1.68	54.0	-15.18	AV	1.00	150	Vertical	Pass
6	11656.637	50.35	2.53	74.0	-23.65	Peak	20.00	150	Vertical	Pass
6**	11656.637	40.91	2.53	54.0	-13.09	AV	20.00	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	1151.700	37.20	-18.29	74.0	-36.80	Peak	341.00	150	Horizontal	Pass
1**	1151.700	27.20	-18.29	54.0	-26.80	AV	341.00	150	Horizontal	Pass
2	1481.200	38.68	-17.76	74.0	-35.32	Peak	341.00	150	Horizontal	Pass
2**	1481.200	28.64	-17.76	54.0	-25.36	AV	341.00	150	Horizontal	Pass
3	4213.600	47.65	-4.89	74.0	-26.35	Peak	158.00	150	Horizontal	Pass
3**	4213.600	37.82	-4.89	54.0	-16.18	AV	158.00	150	Horizontal	Pass
4	5261.200	106.35	-3.81	--	35.35	Peak	71.00	150	Horizontal	N/A
4**	5261.200	99.46	-3.81	--	99.46	AV	71.00	150	Horizontal	N/A
5	7552.575	48.08	-1.56	74.0	-25.92	Peak	80.00	150	Horizontal	Pass
5**	7552.575	38.79	-1.56	54.0	-15.21	AV	80.00	150	Horizontal	Pass
6	11621.276	50.22	2.24	74.0	-23.78	Peak	8.00	150	Horizontal	Pass
6**	11621.276	41.64	2.24	54.0	-12.36	AV	8.00	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	1064.800	38.68	-18.58	74.0	-35.32	Peak	146.00	150	Vertical	Pass
1**	1064.800	29.97	-18.58	54.0	-24.03	AV	146.00	150	Vertical	Pass
2	1329.200	40.47	-17.68	74.0	-33.53	Peak	0.00	150	Vertical	Pass
2**	1329.200	29.82	-17.68	54.0	-24.18	AV	0.00	150	Vertical	Pass
3	4168.800	47.59	-4.93	74.0	-26.41	Peak	34.00	150	Vertical	Pass
3**	4168.800	37.93	-4.93	54.0	-16.07	AV	34.00	150	Vertical	Pass
4	5258.200	100.36	-3.82	--	97.36	Peak	3.00	150	Vertical	N/A
4**	5258.200	92.61	-3.82	--	92.61	AV	3.00	150	Vertical	N/A
5	7557.750	48.16	-1.67	74.0	-25.84	Peak	276.00	150	Vertical	Pass
5**	7557.750	38.50	-1.67	54.0	-15.50	AV	276.00	150	Vertical	Pass
6	12260.675	51.20	2.57	74.0	-22.80	Peak	94.00	150	Vertical	Pass
6**	12260.675	41.46	2.57	54.0	-12.54	AV	94.00	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	1184.600	36.80	-18.26	74.0	-37.20	Peak	56.00	150	Horizontal	Pass
1**	1184.600	27.52	-18.26	54.0	-26.48	AV	56.00	150	Horizontal	Pass
2	1486.000	37.72	-17.75	74.0	-36.28	Peak	130.00	150	Horizontal	Pass
2**	1486.000	27.77	-17.75	54.0	-26.23	AV	130.00	150	Horizontal	Pass
3	4313.200	48.48	-5.02	74.0	-25.52	Peak	290.00	150	Horizontal	Pass
3**	4313.200	38.60	-5.02	54.0	-15.40	AV	290.00	150	Horizontal	Pass
4	5301.200	107.27	-3.30	--	5.27	Peak	102.00	150	Horizontal	N/A
4**	5301.200	99.22	-3.30	--	99.22	AV	102.00	150	Horizontal	N/A
5	7546.537	47.51	-1.58	74.0	-26.49	Peak	360.00	150	Horizontal	Pass
5**	7546.537	38.56	-1.58	54.0	-15.44	AV	360.00	150	Horizontal	Pass
6	11898.138	51.27	0.61	74.0	-22.73	Peak	216.00	150	Horizontal	Pass
6**	11898.138	40.76	0.61	54.0	-13.24	AV	216.00	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	1065.300	39.33	-18.60	74.0	-34.67	Peak	201.00	150	Vertical	Pass
1**	1065.300	31.42	-18.60	54.0	-22.58	AV	201.00	150	Vertical	Pass
2	1330.200	40.68	-17.70	74.0	-33.32	Peak	360.00	150	Vertical	Pass
2**	1330.200	33.14	-17.70	54.0	-20.86	AV	360.00	150	Vertical	Pass
3	3960.400	46.35	-5.57	74.0	-27.65	Peak	332.00	150	Vertical	Pass
3**	3960.400	37.06	-5.57	54.0	-16.94	AV	332.00	150	Vertical	Pass
4	5300.800	99.77	-3.30	--	97.77	Peak	2.00	150	Vertical	N/A
4**	5300.800	91.06	-3.30	--	91.06	AV	2.00	150	Vertical	N/A
5	7539.638	47.41	-1.68	74.0	-26.59	Peak	0.00	150	Vertical	Pass
5**	7539.638	38.30	-1.68	54.0	-15.70	AV	0.00	150	Vertical	Pass
6	12246.875	50.93	2.66	74.0	-23.07	Peak	325.00	150	Vertical	Pass
6**	12246.875	42.00	2.66	54.0	-12.00	AV	325.00	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	1170.600	37.20	-18.49	74.0	-36.80	Peak	0.00	150	Horizontal	Pass
1**	1170.600	27.02	-18.49	54.0	-26.98	AV	0.00	150	Horizontal	Pass
2	1470.000	38.29	-17.68	74.0	-35.71	Peak	187.00	150	Horizontal	Pass
2**	1470.000	27.51	-17.68	54.0	-26.49	AV	187.00	150	Horizontal	Pass
3	4306.400	48.22	-4.95	74.0	-25.78	Peak	97.00	150	Horizontal	Pass
3**	4306.400	38.33	-4.95	54.0	-15.67	AV	97.00	150	Horizontal	Pass
4	5320.600	106.78	-3.25	--	26.78	Peak	80.00	150	Horizontal	N/A
4**	5320.600	98.94	-3.25	--	98.94	AV	80.00	150	Horizontal	N/A
5	7555.450	47.70	-1.61	74.0	-26.30	Peak	265.00	150	Horizontal	Pass
5**	7555.450	39.21	-1.61	54.0	-14.79	AV	265.00	150	Horizontal	Pass
6	11690.276	50.37	2.38	74.0	-23.63	Peak	314.00	150	Horizontal	Pass
6**	11690.276	40.47	2.38	54.0	-13.53	AV	314.00	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	1062.900	39.69	-18.63	74.0	-34.31	Peak	210.00	150	Vertical	Pass
1**	1062.900	30.99	-18.63	54.0	-23.01	AV	210.00	150	Vertical	Pass
2	1330.400	41.46	-17.71	74.0	-32.54	Peak	3.00	150	Vertical	Pass
2**	1330.400	32.38	-17.71	54.0	-21.62	AV	3.00	150	Vertical	Pass
3	4246.200	46.90	-4.86	74.0	-27.10	Peak	76.00	150	Vertical	Pass
3**	4246.200	38.01	-4.86	54.0	-15.99	AV	76.00	150	Vertical	Pass
4	5318.200	100.03	-3.26	--	99.03	Peak	1.00	150	Vertical	N/A
4**	5318.200	91.00	-3.26	--	91.00	AV	1.00	150	Vertical	N/A
5	7508.875	47.19	-1.85	74.0	-26.81	Peak	261.00	150	Vertical	Pass
5**	7508.875	38.16	-1.85	54.0	-15.84	AV	261.00	150	Vertical	Pass
6	12215.825	50.86	2.59	74.0	-23.14	Peak	176.00	150	Vertical	Pass
6**	12215.825	42.18	2.59	54.0	-11.82	AV	176.00	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	1165.000	36.70	-18.41	74.0	-37.30	Peak	294.00	150	Horizontal	Pass
1**	1165.000	26.90	-18.41	54.0	-27.10	AV	294.00	150	Horizontal	Pass
2	1606.500	38.17	-17.75	74.0	-35.83	Peak	130.00	150	Horizontal	Pass
2**	1606.500	28.46	-17.75	54.0	-25.54	AV	130.00	150	Horizontal	Pass
3	3952.400	46.34	-6.00	74.0	-27.66	Peak	79.00	150	Horizontal	Pass
3**	3952.400	36.69	-6.00	54.0	-17.31	AV	79.00	150	Horizontal	Pass
4	5274.800	102.42	-3.64	--	23.42	Peak	79.00	150	Horizontal	N/A
4**	5274.800	95.81	-3.64	--	95.81	AV	79.00	150	Horizontal	N/A
5	7529.575	47.74	-1.65	74.0	-26.26	Peak	44.00	150	Horizontal	Pass
5**	7529.575	37.84	-1.65	54.0	-16.16	AV	44.00	150	Horizontal	Pass
6	12218.988	51.14	2.60	74.0	-22.86	Peak	216.00	150	Horizontal	Pass
6**	12218.988	42.47	2.60	54.0	-11.53	AV	216.00	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	1065.500	38.81	-18.61	74.0	-35.19	Peak	192.00	150	Vertical	Pass
1**	1065.500	30.29	-18.61	54.0	-23.71	AV	192.00	150	Vertical	Pass
2	1332.600	40.50	-17.75	74.0	-33.50	Peak	358.00	150	Vertical	Pass
2**	1332.600	32.67	-17.75	54.0	-21.33	AV	358.00	150	Vertical	Pass
3	3861.800	46.50	-6.18	74.0	-27.50	Peak	360.00	150	Vertical	Pass
3**	3861.800	37.27	-6.18	54.0	-16.73	AV	360.00	150	Vertical	Pass
4	5266.800	94.77	-3.76	--	92.77	Peak	2.00	150	Vertical	N/A
4**	5266.800	87.29	-3.76	--	87.29	AV	2.00	150	Vertical	N/A
5	7553.438	47.78	-1.56	74.0	-26.22	Peak	112.00	150	Vertical	Pass
5**	7553.438	38.95	-1.56	54.0	-15.05	AV	112.00	150	Vertical	Pass
6	11657.213	50.35	2.53	74.0	-23.65	Peak	10.00	150	Vertical	Pass
6**	11657.213	40.81	2.53	54.0	-13.19	AV	10.00	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	1116.600	36.24	-18.44	74.0	-37.76	Peak	258.00	150	Horizontal	Pass
1**	1116.600	27.53	-18.44	54.0	-26.47	AV	258.00	150	Horizontal	Pass
2	1521.200	37.84	-17.68	74.0	-36.16	Peak	200.00	150	Horizontal	Pass
2**	1521.200	27.71	-17.68	54.0	-26.29	AV	200.00	150	Horizontal	Pass
3	4201.600	47.52	-5.22	74.0	-26.48	Peak	266.00	150	Horizontal	Pass
3**	4201.600	37.72	-5.22	54.0	-16.28	AV	266.00	150	Horizontal	Pass
4	5312.800	103.95	-3.26	--	5.95	Peak	98.00	150	Horizontal	N/A
4**	5312.800	96.70	-3.26	--	96.70	AV	98.00	150	Horizontal	N/A
5	7538.487	47.05	-1.69	74.0	-26.95	Peak	70.00	150	Horizontal	Pass
5**	7538.487	38.14	-1.69	54.0	-15.86	AV	70.00	150	Horizontal	Pass
6	12227.037	50.35	2.61	74.0	-23.65	Peak	357.00	150	Horizontal	Pass
6**	12227.037	42.32	2.61	54.0	-11.68	AV	357.00	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	1066.500	39.39	-18.66	74.0	-34.61	Peak	203.00	150	Vertical	Pass
1**	1066.500	30.16	-18.66	54.0	-23.84	AV	203.00	150	Vertical	Pass
2	1330.400	40.35	-17.71	74.0	-33.65	Peak	0.00	150	Vertical	Pass
2**	1330.400	31.08	-17.71	54.0	-22.92	AV	0.00	150	Vertical	Pass
3	4024.600	47.36	-5.59	74.0	-26.64	Peak	247.00	150	Vertical	Pass
3**	4024.600	36.42	-5.59	54.0	-17.58	AV	247.00	150	Vertical	Pass
4	5313.800	94.02	-3.25	--	88.02	Peak	6.00	150	Vertical	N/A
4**	5313.800	87.39	-3.25	--	87.39	AV	6.00	150	Vertical	N/A
5	7556.025	47.58	-1.63	74.0	-26.42	Peak	326.00	150	Vertical	Pass
5**	7556.025	38.20	-1.63	54.0	-15.80	AV	326.00	150	Vertical	Pass
6	11627.025	51.09	2.30	74.0	-22.91	Peak	166.00	150	Vertical	Pass
6**	11627.025	41.83	2.30	54.0	-12.17	AV	166.00	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	1207.500	36.98	-18.21	74.0	-37.02	Peak	360.00	150	Horizontal	Pass
1**	1207.500	27.59	-18.21	54.0	-26.41	AV	360.00	150	Horizontal	Pass
2	1564.200	37.99	-17.64	74.0	-36.01	Peak	229.00	150	Horizontal	Pass
2**	1564.200	27.65	-17.64	54.0	-26.35	AV	229.00	150	Horizontal	Pass
3	4175.400	47.24	-4.85	74.0	-26.76	Peak	174.00	150	Horizontal	Pass
3**	4175.400	37.60	-4.85	54.0	-16.40	AV	174.00	150	Horizontal	Pass
4	5259.000	103.28	-3.81	--	37.28	Peak	66.00	150	Horizontal	N/A
4**	5259.000	97.24	-3.81	--	97.24	AV	66.00	150	Horizontal	N/A
5	7560.912	47.28	-1.79	74.0	-26.72	Peak	176.00	150	Horizontal	Pass
5**	7560.912	38.77	-1.79	54.0	-15.23	AV	176.00	150	Horizontal	Pass
6	11649.738	51.06	2.55	74.0	-22.94	Peak	176.00	150	Horizontal	Pass
6**	11649.738	42.83	2.55	54.0	-11.17	AV	176.00	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	1065.000	40.23	-18.59	74.0	-33.77	Peak	218.00	150	Vertical	Pass
1**	1065.000	32.00	-18.59	54.0	-22.00	AV	218.00	150	Vertical	Pass
2	1330.700	40.14	-17.71	74.0	-33.86	Peak	0.00	150	Vertical	Pass
2**	1330.700	32.43	-17.71	54.0	-21.57	AV	0.00	150	Vertical	Pass
3	4180.400	47.42	-5.01	74.0	-26.58	Peak	280.00	150	Vertical	Pass
3**	4180.400	37.71	-5.01	54.0	-16.29	AV	280.00	150	Vertical	Pass
4	5260.400	96.02	-3.81	--	87.02	Peak	9.00	150	Vertical	N/A
4**	5260.400	87.86	-3.81	--	87.86	AV	9.00	150	Vertical	N/A
5	7527.275	47.14	-1.61	74.0	-26.86	Peak	79.00	150	Vertical	Pass
5**	7527.275	37.90	-1.61	54.0	-16.10	AV	79.00	150	Vertical	Pass
6	11350.737	50.53	0.39	74.0	-23.47	Peak	347.00	150	Vertical	Pass
6**	11350.737	39.72	0.39	54.0	-14.28	AV	347.00	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	1148.700	36.62	-18.38	74.0	-37.38	Peak	30.00	150	Horizontal	Pass
1**	1148.700	26.84	-18.38	54.0	-27.16	AV	30.00	150	Horizontal	Pass
2	1513.000	37.73	-17.81	74.0	-36.27	Peak	168.00	150	Horizontal	Pass
2**	1513.000	28.95	-17.81	54.0	-25.05	AV	168.00	150	Horizontal	Pass
3	4286.000	47.72	-4.73	74.0	-26.28	Peak	283.00	150	Horizontal	Pass
3**	4286.000	38.08	-4.73	54.0	-15.92	AV	283.00	150	Horizontal	Pass
4	5298.600	105.40	-3.35	--	1.40	Peak	104.00	150	Horizontal	N/A
4**	5298.600	96.71	-3.35	--	96.71	AV	104.00	150	Horizontal	N/A
5	7554.013	46.99	-1.56	74.0	-27.01	Peak	123.00	150	Horizontal	Pass
5**	7554.013	38.84	-1.56	54.0	-15.16	AV	123.00	150	Horizontal	Pass
6	12216.401	51.84	2.59	74.0	-22.16	Peak	283.00	150	Horizontal	Pass
6**	12216.401	41.67	2.59	54.0	-12.33	AV	283.00	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	1063.300	40.77	-18.62	74.0	-33.23	Peak	204.00	150	Vertical	Pass
1**	1063.300	29.02	-18.62	54.0	-24.98	AV	204.00	150	Vertical	Pass
2	1327.300	40.19	-17.65	74.0	-33.81	Peak	9.00	150	Vertical	Pass
2**	1327.300	29.80	-17.65	54.0	-24.20	AV	9.00	150	Vertical	Pass
3	4008.800	47.25	-5.80	74.0	-26.75	Peak	154.00	150	Vertical	Pass
3**	4008.800	37.12	-5.80	54.0	-16.88	AV	154.00	150	Vertical	Pass
4	5297.200	95.66	-3.39	--	93.66	Peak	2.00	150	Vertical	N/A
4**	5297.200	87.42	-3.39	--	87.42	AV	2.00	150	Vertical	N/A
5	7537.050	47.11	-1.71	74.0	-26.89	Peak	1.00	150	Vertical	Pass
5**	7537.050	38.06	-1.71	54.0	-15.94	AV	1.00	150	Vertical	Pass
6	11626.450	50.22	2.30	74.0	-23.78	Peak	206.00	150	Vertical	Pass
6**	11626.450	40.91	2.30	54.0	-13.09	AV	206.00	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	1164.400	37.03	-18.39	74.0	-36.97	Peak	298.00	150	Horizontal	Pass
1**	1164.400	27.64	-18.39	54.0	-26.36	AV	298.00	150	Horizontal	Pass
2	1572.100	37.67	-17.58	74.0	-36.33	Peak	0.00	150	Horizontal	Pass
2**	1572.100	29.87	-17.58	54.0	-24.13	AV	0.00	150	Horizontal	Pass
3	4188.800	47.19	-5.23	74.0	-26.81	Peak	316.00	150	Horizontal	Pass
3**	4188.800	39.09	-5.23	54.0	-14.91	AV	316.00	150	Horizontal	Pass
4	5321.600	103.61	-3.24	--	42.61	Peak	61.00	150	Horizontal	N/A
4**	5321.600	97.81	-3.24	--	97.81	AV	61.00	150	Horizontal	N/A
5	7557.463	47.57	-1.67	74.0	-26.43	Peak	225.00	150	Horizontal	Pass
5**	7557.463	38.94	-1.67	54.0	-15.06	AV	225.00	150	Horizontal	Pass
6	11975.763	50.55	0.93	74.0	-23.45	Peak	340.00	150	Horizontal	Pass
6**	11975.763	40.58	0.93	54.0	-13.42	AV	340.00	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	1063.900	40.42	-18.60	74.0	-33.58	Peak	228.00	150	Vertical	Pass
1**	1063.900	29.86	-18.60	54.0	-24.14	AV	228.00	150	Vertical	Pass
2	1330.400	40.19	-17.71	74.0	-33.81	Peak	0.00	150	Vertical	Pass
2**	1330.400	30.61	-17.71	54.0	-23.39	AV	0.00	150	Vertical	Pass
3	4259.400	47.54	-4.74	74.0	-26.46	Peak	207.00	150	Vertical	Pass
3**	4259.400	38.57	-4.74	54.0	-15.43	AV	207.00	150	Vertical	Pass
4	5319.000	94.92	-3.28	--	91.92	Peak	3.00	150	Vertical	N/A
4**	5319.000	88.69	-3.28	--	88.69	AV	3.00	150	Vertical	N/A
5	7556.888	47.40	-1.66	74.0	-26.60	Peak	162.00	150	Vertical	Pass
5**	7556.888	38.99	-1.66	54.0	-15.01	AV	162.00	150	Vertical	Pass
6	11873.700	50.88	0.69	74.0	-23.12	Peak	51.00	150	Vertical	Pass
6**	11873.700	40.44	0.69	54.0	-13.56	AV	51.00	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	1206.900	37.07	-18.22	74.0	-36.93	Peak	241.00	150	Horizontal	Pass
1**	1206.900	27.73	-18.22	54.0	-26.27	AV	241.00	150	Horizontal	Pass
2	1592.000	38.05	-17.80	74.0	-35.95	Peak	241.00	150	Horizontal	Pass
2**	1592.000	28.02	-17.80	54.0	-25.98	AV	241.00	150	Horizontal	Pass
3	4246.600	47.54	-4.84	74.0	-26.46	Peak	113.00	150	Horizontal	Pass
3**	4246.600	38.71	-4.84	54.0	-15.29	AV	113.00	150	Horizontal	Pass
4	5265.800	99.84	-3.74	--	-4.16	Peak	104.00	150	Horizontal	N/A
4**	5265.800	91.37	-3.74	--	91.37	AV	104.00	150	Horizontal	N/A
5	7539.925	47.05	-1.68	74.0	-26.95	Peak	77.00	150	Horizontal	Pass
5**	7539.925	37.88	-1.68	54.0	-16.12	AV	77.00	150	Horizontal	Pass
6	12270.162	51.09	2.49	74.0	-22.91	Peak	310.00	150	Horizontal	Pass
6**	12270.162	42.46	2.49	54.0	-11.54	AV	310.00	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	1066.700	39.79	-18.67	74.0	-34.21	Peak	183.00	150	Vertical	Pass
1**	1066.700	30.58	-18.67	54.0	-23.42	AV	183.00	150	Vertical	Pass
2	1331.300	40.50	-17.72	74.0	-33.50	Peak	12.00	150	Vertical	Pass
2**	1331.300	30.17	-17.72	54.0	-23.83	AV	12.00	150	Vertical	Pass
3	4024.400	46.81	-5.59	74.0	-27.19	Peak	270.00	150	Vertical	Pass
3**	4024.400	36.83	-5.59	54.0	-17.17	AV	270.00	150	Vertical	Pass
4	5267.000	91.70	-3.76	--	88.70	Peak	3.00	150	Vertical	N/A
4**	5267.000	83.85	-3.76	--	83.85	AV	3.00	150	Vertical	N/A
5	7540.212	47.57	-1.67	74.0	-26.43	Peak	63.00	150	Vertical	Pass
5**	7540.212	38.03	-1.67	54.0	-15.97	AV	63.00	150	Vertical	Pass
6	11634.787	51.32	2.39	74.0	-22.68	Peak	297.00	150	Vertical	Pass
6**	11634.787	40.88	2.39	54.0	-13.12	AV	297.00	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	1119.600	36.64	-18.39	74.0	-37.36	Peak	360.00	150	Horizontal	Pass
1**	1119.600	26.77	-18.39	54.0	-27.23	AV	360.00	150	Horizontal	Pass
2	1548.500	37.72	-17.71	74.0	-36.28	Peak	334.00	150	Horizontal	Pass
2**	1548.500	28.51	-17.71	54.0	-25.49	AV	334.00	150	Horizontal	Pass
3	4157.200	46.65	-5.11	74.0	-27.35	Peak	316.00	150	Horizontal	Pass
3**	4157.200	38.07	-5.11	54.0	-15.93	AV	316.00	150	Horizontal	Pass
4	5306.400	100.35	-3.33	--	-2.65	Peak	103.00	150	Horizontal	N/A
4**	5306.400	92.36	-3.33	--	92.36	AV	103.00	150	Horizontal	N/A
5	7556.600	47.37	-1.66	74.0	-26.63	Peak	340.00	150	Horizontal	Pass
5**	7556.600	38.20	-1.66	54.0	-15.80	AV	340.00	150	Horizontal	Pass
6	11987.838	50.46	1.00	74.0	-23.54	Peak	105.00	150	Horizontal	Pass
6**	11987.838	40.60	1.00	54.0	-13.40	AV	105.00	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	1065.000	41.76	-18.59	74.0	-32.24	Peak	203.00	150	Vertical	Pass
1**	1065.000	29.35	-18.59	54.0	-24.65	AV	203.00	150	Vertical	Pass
2	1332.000	39.66	-17.74	74.0	-34.34	Peak	4.00	150	Vertical	Pass
2**	1332.000	29.48	-17.74	54.0	-24.52	AV	4.00	150	Vertical	Pass
3	4141.800	46.96	-5.37	74.0	-27.04	Peak	195.00	150	Vertical	Pass
3**	4141.800	37.45	-5.37	54.0	-16.55	AV	195.00	150	Vertical	Pass
4	5308.000	90.89	-3.27	--	84.89	Peak	6.00	150	Vertical	N/A
4**	5308.000	83.01	-3.27	--	83.01	AV	6.00	150	Vertical	N/A
5	7511.750	47.48	-1.81	74.0	-26.52	Peak	313.00	150	Vertical	Pass
5**	7511.750	38.36	-1.81	54.0	-15.64	AV	313.00	150	Vertical	Pass
6	12215.250	51.41	2.59	74.0	-22.59	Peak	244.00	150	Vertical	Pass
6**	12215.250	41.89	2.59	54.0	-12.11	AV	244.00	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	1220.700	37.40	-18.01	74.0	-36.60	Peak	3.00	150	Horizontal	Pass
1**	1220.700	28.37	-18.01	54.0	-25.63	AV	3.00	150	Horizontal	Pass
2	1508.500	37.88	-17.81	74.0	-36.12	Peak	234.00	150	Horizontal	Pass
2**	1508.500	27.70	-17.81	54.0	-26.30	AV	234.00	150	Horizontal	Pass
3	4174.000	47.17	-4.91	74.0	-26.83	Peak	40.00	150	Horizontal	Pass
3**	4174.000	38.84	-4.91	54.0	-15.16	AV	40.00	150	Horizontal	Pass
4	5292.400	97.39	-3.37	--	18.39	Peak	79.00	150	Horizontal	N/A
4**	5292.400	88.96	-3.37	--	88.96	AV	79.00	150	Horizontal	N/A
5	7460.575	47.00	-2.15	74.0	-27.00	Peak	312.00	150	Horizontal	Pass
5**	7460.575	38.74	-2.15	54.0	-15.26	AV	312.00	150	Horizontal	Pass
6	11648.874	50.52	2.54	74.0	-23.48	Peak	243.00	150	Horizontal	Pass
6**	11648.874	42.54	2.54	54.0	-11.46	AV	243.00	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	1063.900	40.14	-18.60	74.0	-33.86	Peak	189.00	150	Vertical	Pass
1**	1063.900	30.41	-18.60	54.0	-23.59	AV	189.00	150	Vertical	Pass
2	1327.100	40.85	-17.65	74.0	-33.15	Peak	360.00	150	Vertical	Pass
2**	1327.100	28.77	-17.65	54.0	-25.23	AV	360.00	150	Vertical	Pass
3	4236.600	48.12	-5.16	74.0	-25.88	Peak	118.00	150	Vertical	Pass
3**	4236.600	38.19	-5.16	54.0	-15.81	AV	118.00	150	Vertical	Pass
4	5301.000	86.89	-3.30	--	79.89	Peak	7.00	150	Vertical	N/A
4**	5301.000	78.35	-3.30	--	78.35	AV	7.00	150	Vertical	N/A
5	7508.013	47.10	-1.83	74.0	-26.90	Peak	120.00	150	Vertical	Pass
5**	7508.013	37.97	-1.83	54.0	-16.03	AV	120.00	150	Vertical	Pass
6	11641.113	50.64	2.46	74.0	-23.36	Peak	299.00	150	Vertical	Pass
6**	11641.113	41.00	2.46	54.0	-13.00	AV	299.00	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	1115.700	36.37	-18.49	74.0	-37.63	Peak	247.00	150	Horizontal	Pass
1**	1115.700	26.85	-18.49	54.0	-27.15	AV	247.00	150	Horizontal	Pass
2	1455.100	37.59	-17.62	74.0	-36.41	Peak	0.00	150	Horizontal	Pass
2**	1455.100	28.38	-17.62	54.0	-25.62	AV	0.00	150	Horizontal	Pass
3	4198.800	47.39	-5.25	74.0	-26.61	Peak	22.00	150	Horizontal	Pass
3**	4198.800	37.42	-5.25	54.0	-16.58	AV	22.00	150	Horizontal	Pass
4	5498.400	108.35	-2.82	--	6.35	Peak	102.00	150	Horizontal	N/A
4**	5498.400	100.90	-2.82	--	100.90	AV	102.00	150	Horizontal	N/A
5	7709.263	47.76	-2.76	74.0	-26.24	Peak	133.00	150	Horizontal	Pass
5**	7709.263	36.73	-2.76	54.0	-17.27	AV	133.00	150	Horizontal	Pass
6	11017.813	50.42	0.66	74.0	-23.58	Peak	23.00	150	Horizontal	Pass
6**	11017.813	40.65	0.66	54.0	-13.35	AV	23.00	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	1066.500	39.32	-18.66	74.0	-34.68	Peak	188.00	150	Vertical	Pass
1**	1066.500	28.67	-18.66	54.0	-25.33	AV	188.00	150	Vertical	Pass
2	1327.500	39.81	-17.65	74.0	-34.19	Peak	360.00	150	Vertical	Pass
2**	1327.500	28.32	-17.65	54.0	-25.68	AV	360.00	150	Vertical	Pass
3	4144.800	47.07	-5.31	74.0	-26.93	Peak	360.00	150	Vertical	Pass
3**	4144.800	37.70	-5.31	54.0	-16.30	AV	360.00	150	Vertical	Pass
4	5496.000	99.73	-2.80	--	67.73	Peak	32.00	150	Vertical	N/A
4**	5496.000	91.19	-2.80	--	91.19	AV	32.00	150	Vertical	N/A
5	7552.288	47.33	-1.56	74.0	-26.67	Peak	188.00	150	Vertical	Pass
5**	7552.288	38.20	-1.56	54.0	-15.80	AV	188.00	150	Vertical	Pass
6	11054.325	51.14	0.51	74.0	-22.86	Peak	353.00	150	Vertical	Pass
6**	11054.325	40.33	0.51	54.0	-13.67	AV	353.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.100	37.28	-18.17	74.0	-36.72	Peak	172.00	150	Horizontal	Pass
1**	1199.100	28.32	-18.17	54.0	-25.68	AV	172.00	150	Horizontal	Pass
2	1468.200	37.78	-17.67	74.0	-36.22	Peak	351.00	150	Horizontal	Pass
2**	1468.200	29.01	-17.67	54.0	-24.99	AV	351.00	150	Horizontal	Pass
3	4371.000	48.57	-4.87	74.0	-25.43	Peak	274.00	150	Horizontal	Pass
3**	4371.000	38.25	-4.87	54.0	-15.75	AV	274.00	150	Horizontal	Pass
4	5579.000	108.39	-3.17	--	28.39	Peak	80.00	150	Horizontal	N/A
4**	5579.000	101.79	-3.17	--	101.79	AV	80.00	150	Horizontal	N/A
5	7558.612	47.92	-1.68	74.0	-26.08	Peak	162.00	150	Horizontal	Pass
5**	7558.612	39.42	-1.68	54.0	-14.58	AV	162.00	150	Horizontal	Pass
6	12210.650	51.27	2.58	74.0	-22.73	Peak	65.00	150	Horizontal	Pass
6**	12210.650	41.59	2.58	54.0	-12.41	AV	65.00	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	1064.200	38.73	-18.59	74.0	-35.27	Peak	200.00	150	Vertical	Pass
1**	1064.200	27.69	-18.59	54.0	-26.31	AV	200.00	150	Vertical	Pass
2	1332.700	40.34	-17.75	74.0	-33.66	Peak	360.00	150	Vertical	Pass
2**	1332.700	32.34	-17.75	54.0	-21.66	AV	360.00	150	Vertical	Pass
3	4272.600	48.04	-4.77	74.0	-25.96	Peak	292.00	150	Vertical	Pass
3**	4272.600	38.51	-4.77	54.0	-15.49	AV	292.00	150	Vertical	Pass
4	5577.400	99.40	-3.16	--	99.40	Peak	0.00	150	Vertical	N/A
4**	5577.400	91.61	-3.16	--	91.61	AV	0.00	150	Vertical	N/A
5	7546.250	47.84	-1.58	74.0	-26.16	Peak	344.00	150	Vertical	Pass
5**	7546.250	39.58	-1.58	54.0	-14.42	AV	344.00	150	Vertical	Pass
6	12316.162	51.74	2.21	74.0	-22.26	Peak	317.00	150	Vertical	Pass
6**	12316.162	40.50	2.21	54.0	-13.50	AV	317.00	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	1155.000	36.79	-18.38	74.0	-37.21	Peak	360.00	150	Horizontal	Pass
1**	1155.000	26.88	-18.38	54.0	-27.12	AV	360.00	150	Horizontal	Pass
2	1515.100	37.54	-17.77	74.0	-36.46	Peak	344.00	150	Horizontal	Pass
2**	1515.100	28.79	-17.77	54.0	-25.21	AV	344.00	150	Horizontal	Pass
3	4174.800	47.46	-4.88	74.0	-26.54	Peak	360.00	150	Horizontal	Pass
3**	4174.800	39.08	-4.88	54.0	-14.92	AV	360.00	150	Horizontal	Pass
4	5698.000	107.10	-3.93	--	5.10	Peak	102.00	150	Horizontal	N/A
4**	5698.000	100.06	-3.93	--	100.06	AV	102.00	150	Horizontal	N/A
5	7526.700	47.48	-1.59	74.0	-26.52	Peak	176.00	150	Horizontal	Pass
5**	7526.700	37.97	-1.59	54.0	-16.03	AV	176.00	150	Horizontal	Pass
6	12204.325	50.80	2.56	74.0	-23.20	Peak	313.00	150	Horizontal	Pass
6**	12204.325	41.39	2.56	54.0	-12.61	AV	313.00	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	1064.100	38.29	-18.60	74.0	-35.71	Peak	207.00	150	Vertical	Pass
1**	1064.100	26.58	-18.60	54.0	-27.42	AV	207.00	150	Vertical	Pass
2	1329.400	39.65	-17.68	74.0	-34.35	Peak	360.00	150	Vertical	Pass
2**	1329.400	32.88	-17.68	54.0	-21.12	AV	360.00	150	Vertical	Pass
3	4201.600	47.98	-5.22	74.0	-26.02	Peak	360.00	150	Vertical	Pass
3**	4201.600	38.86	-5.22	54.0	-15.14	AV	360.00	150	Vertical	Pass
4	5698.600	99.90	-3.93	--	-231.10	Peak	331.00	150	Vertical	N/A
4**	5698.600	92.19	-3.93	--	92.19	AV	331.00	150	Vertical	N/A
5	7494.213	47.28	-1.85	74.0	-26.72	Peak	347.00	150	Vertical	Pass
5**	7494.213	38.35	-1.85	54.0	-15.65	AV	347.00	150	Vertical	Pass
6	12216.401	51.34	2.59	74.0	-22.66	Peak	333.00	150	Vertical	Pass
6**	12216.401	41.80	2.59	54.0	-12.20	AV	333.00	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	1054.000	38.30	-18.39	74.0	-35.70	Peak	175.00	150	Horizontal	Pass
1**	1054.000	27.05	-18.39	54.0	-26.95	AV	175.00	150	Horizontal	Pass
2	1543.900	37.16	-17.76	74.0	-36.84	Peak	93.00	150	Horizontal	Pass
2**	1543.900	28.95	-17.76	54.0	-25.05	AV	93.00	150	Horizontal	Pass
3	4056.000	46.09	-5.46	74.0	-27.91	Peak	269.00	150	Horizontal	Pass
3**	4056.000	36.10	-5.46	54.0	-17.90	AV	269.00	150	Horizontal	Pass
4	5723.600	108.15	-3.68	--	21.15	Peak	87.00	150	Horizontal	N/A
4**	5723.600	99.84	-3.68	--	99.84	AV	87.00	150	Horizontal	N/A
5	7558.038	48.16	-1.67	74.0	-25.84	Peak	187.00	150	Horizontal	Pass
5**	7558.038	38.42	-1.67	54.0	-15.58	AV	187.00	150	Horizontal	Pass
6	12280.800	50.92	2.40	74.0	-23.08	Peak	270.00	150	Horizontal	Pass
6**	12280.800	41.70	2.40	54.0	-12.30	AV	270.00	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	1064.100	39.03	-18.60	74.0	-34.97	Peak	196.00	150	Vertical	Pass
1**	1064.100	27.40	-18.60	54.0	-26.60	AV	196.00	150	Vertical	Pass
2	1332.800	39.52	-17.75	74.0	-34.48	Peak	2.00	150	Vertical	Pass
2**	1332.800	30.06	-17.75	54.0	-23.94	AV	2.00	150	Vertical	Pass
3	3809.800	46.86	-6.49	74.0	-27.14	Peak	181.00	150	Vertical	Pass
3**	3809.800	35.97	-6.49	54.0	-18.03	AV	181.00	150	Vertical	Pass
4	5717.400	99.97	-3.77	--	-232.03	Peak	332.00	150	Vertical	N/A
4**	5717.400	90.91	-3.77	--	90.91	AV	332.00	150	Vertical	N/A
5	7563.788	47.08	-1.87	74.0	-26.92	Peak	9.00	150	Vertical	Pass
5**	7563.788	38.34	-1.87	54.0	-15.66	AV	9.00	150	Vertical	Pass
6	11631.050	51.37	2.35	74.0	-22.63	Peak	314.00	150	Vertical	Pass
6**	11631.050	42.15	2.35	54.0	-11.85	AV	314.00	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	1130.500	37.15	-18.34	74.0	-36.85	Peak	360.00	150	Horizontal	Pass
1**	1130.500	27.13	-18.34	54.0	-26.87	AV	360.00	150	Horizontal	Pass
2	1490.800	38.34	-17.73	74.0	-35.66	Peak	280.00	150	Horizontal	Pass
2**	1490.800	29.23	-17.73	54.0	-24.77	AV	280.00	150	Horizontal	Pass
3	4212.600	48.05	-4.91	74.0	-25.95	Peak	52.00	150	Horizontal	Pass
3**	4212.600	39.13	-4.91	54.0	-14.87	AV	52.00	150	Horizontal	Pass
4	5498.200	107.99	-2.81	--	5.99	Peak	102.00	150	Horizontal	N/A
4**	5498.200	100.12	-2.81	--	100.12	AV	102.00	150	Horizontal	N/A
5	7572.987	47.57	-2.08	74.0	-26.43	Peak	0.00	150	Horizontal	Pass
5**	7572.987	38.13	-2.08	54.0	-15.87	AV	0.00	150	Horizontal	Pass
6	12206.625	50.76	2.57	74.0	-23.24	Peak	203.00	150	Horizontal	Pass
6**	12206.625	42.73	2.57	54.0	-11.27	AV	203.00	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	1063.300	40.39	-18.62	74.0	-33.61	Peak	218.00	150	Vertical	Pass
1**	1063.300	26.89	-18.62	54.0	-27.11	AV	218.00	150	Vertical	Pass
2	1329.000	40.65	-17.67	74.0	-33.35	Peak	360.00	150	Vertical	Pass
2**	1329.000	30.27	-17.67	54.0	-23.73	AV	360.00	150	Vertical	Pass
3	4254.200	48.57	-4.71	74.0	-25.43	Peak	0.00	150	Vertical	Pass
3**	4254.200	38.57	-4.71	54.0	-15.43	AV	0.00	150	Vertical	Pass
4	5501.800	98.01	-2.87	--	-51.99	Peak	150.00	150	Vertical	N/A
4**	5501.800	90.64	-2.87	--	90.64	AV	150.00	150	Vertical	N/A
5	7526.413	47.53	-1.60	74.0	-26.47	Peak	91.00	150	Vertical	Pass
5**	7526.413	39.10	-1.60	54.0	-14.90	AV	91.00	150	Vertical	Pass
6	12212.088	50.81	2.58	74.0	-23.19	Peak	272.00	150	Vertical	Pass
6**	12212.088	42.21	2.58	54.0	-11.79	AV	272.00	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	1118.800	37.16	-18.39	74.0	-36.84	Peak	297.00	150	Horizontal	Pass
1**	1118.800	26.75	-18.39	54.0	-27.25	AV	297.00	150	Horizontal	Pass
2	1501.000	37.91	-17.68	74.0	-36.09	Peak	172.00	150	Horizontal	Pass
2**	1501.000	28.57	-17.68	54.0	-25.43	AV	172.00	150	Horizontal	Pass
3	4183.600	46.85	-5.06	74.0	-27.15	Peak	24.00	150	Horizontal	Pass
3**	4183.600	38.35	-5.06	54.0	-15.65	AV	24.00	150	Horizontal	Pass
4	5579.000	108.19	-3.17	--	29.19	Peak	79.00	150	Horizontal	N/A
4**	5579.000	99.90	-3.17	--	99.90	AV	79.00	150	Horizontal	N/A
5	7545.388	48.19	-1.59	74.0	-25.81	Peak	173.00	150	Horizontal	Pass
5**	7545.388	38.48	-1.59	54.0	-15.52	AV	173.00	150	Horizontal	Pass
6	12110.026	51.22	1.55	74.0	-22.78	Peak	64.00	150	Horizontal	Pass
6**	12110.026	41.77	1.55	54.0	-12.23	AV	64.00	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	1062.000	40.69	-18.64	74.0	-33.31	Peak	201.00	150	Vertical	Pass
1**	1062.000	26.96	-18.64	54.0	-27.04	AV	201.00	150	Vertical	Pass
2	1332.600	39.30	-17.75	74.0	-34.70	Peak	360.00	150	Vertical	Pass
2**	1332.600	31.86	-17.75	54.0	-22.14	AV	360.00	150	Vertical	Pass
3	4318.800	48.12	-4.95	74.0	-25.88	Peak	98.00	150	Vertical	Pass
3**	4318.800	38.94	-4.95	54.0	-15.06	AV	98.00	150	Vertical	Pass
4	5579.000	98.76	-3.17	--	93.76	Peak	5.00	150	Vertical	N/A
4**	5579.000	90.76	-3.17	--	90.76	AV	5.00	150	Vertical	N/A
5	7456.838	46.85	-2.18	74.0	-27.15	Peak	311.00	150	Vertical	Pass
5**	7456.838	37.24	-2.18	54.0	-16.76	AV	311.00	150	Vertical	Pass
6	12220.137	51.73	2.60	74.0	-22.27	Peak	297.00	150	Vertical	Pass
6**	12220.137	42.36	2.60	54.0	-11.64	AV	297.00	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	1160.100	36.70	-18.37	74.0	-37.30	Peak	91.00	150	Horizontal	Pass
1**	1160.100	27.18	-18.37	54.0	-26.82	AV	91.00	150	Horizontal	Pass
2	1590.400	37.74	-17.75	74.0	-36.26	Peak	0.00	150	Horizontal	Pass
2**	1590.400	28.23	-17.75	54.0	-25.77	AV	0.00	150	Horizontal	Pass
3	4296.600	47.65	-4.90	74.0	-26.35	Peak	290.00	150	Horizontal	Pass
3**	4296.600	38.94	-4.90	54.0	-15.06	AV	290.00	150	Horizontal	Pass
4	5698.000	106.44	-3.93	--	2.44	Peak	104.00	150	Horizontal	N/A
4**	5698.000	99.29	-3.93	--	99.29	AV	104.00	150	Horizontal	N/A
5	7549.125	48.06	-1.60	74.0	-25.94	Peak	360.00	150	Horizontal	Pass
5**	7549.125	38.45	-1.60	54.0	-15.55	AV	360.00	150	Horizontal	Pass
6	11973.750	51.09	0.92	74.0	-22.91	Peak	360.00	150	Horizontal	Pass
6**	11973.750	40.45	0.92	54.0	-13.55	AV	360.00	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	1064.700	39.38	-18.58	74.0	-34.62	Peak	218.00	150	Vertical	Pass
1**	1064.700	28.39	-18.58	54.0	-25.61	AV	218.00	150	Vertical	Pass
2	1330.800	39.51	-17.71	74.0	-34.49	Peak	0.00	150	Vertical	Pass
2**	1330.800	29.04	-17.71	54.0	-24.96	AV	0.00	150	Vertical	Pass
3	4039.000	46.48	-5.35	74.0	-27.52	Peak	188.00	150	Vertical	Pass
3**	4039.000	37.09	-5.35	54.0	-16.91	AV	188.00	150	Vertical	Pass
4	5698.800	98.31	-3.93	--	-63.69	Peak	162.00	150	Vertical	N/A
4**	5698.800	90.84	-3.93	--	90.84	AV	162.00	150	Vertical	N/A
5	7553.150	47.31	-1.56	74.0	-26.69	Peak	328.00	150	Vertical	Pass
5**	7553.150	38.99	-1.56	54.0	-15.01	AV	328.00	150	Vertical	Pass
6	11684.525	50.45	2.42	74.0	-23.55	Peak	347.00	150	Vertical	Pass
6**	11684.525	40.62	2.42	54.0	-13.38	AV	347.00	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	1181.600	37.71	-18.36	74.0	-36.29	Peak	55.00	150	Horizontal	Pass
1**	1181.600	27.36	-18.36	54.0	-26.64	AV	55.00	150	Horizontal	Pass
2	1547.300	38.00	-17.74	74.0	-36.00	Peak	360.00	150	Horizontal	Pass
2**	1547.300	28.11	-17.74	54.0	-25.89	AV	360.00	150	Horizontal	Pass
3	4358.200	47.89	-5.03	74.0	-26.11	Peak	122.00	150	Horizontal	Pass
3**	4358.200	37.91	-5.03	54.0	-16.09	AV	122.00	150	Horizontal	Pass
4	5722.400	107.51	-3.66	--	18.51	Peak	89.00	150	Horizontal	N/A
4**	5722.400	99.84	-3.66	--	99.84	AV	89.00	150	Horizontal	N/A
5	7580.175	47.28	-2.24	74.0	-26.72	Peak	107.00	150	Horizontal	Pass
5**	7580.175	37.15	-2.24	54.0	-16.85	AV	107.00	150	Horizontal	Pass
6	12150.850	51.19	1.88	74.0	-22.81	Peak	24.00	150	Horizontal	Pass
6**	12150.850	40.69	1.88	54.0	-13.31	AV	24.00	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	1061.600	39.54	-18.64	74.0	-34.46	Peak	222.00	150	Vertical	Pass
1**	1061.600	30.10	-18.64	54.0	-23.90	AV	222.00	150	Vertical	Pass
2	1332.200	40.41	-17.74	74.0	-33.59	Peak	0.00	150	Vertical	Pass
2**	1332.200	31.44	-17.74	54.0	-22.56	AV	0.00	150	Vertical	Pass
3	4300.800	48.91	-4.88	74.0	-25.09	Peak	161.00	150	Vertical	Pass
3**	4300.800	39.52	-4.88	54.0	-14.48	AV	161.00	150	Vertical	Pass
4	5719.200	97.36	-3.74	--	-235.64	Peak	333.00	150	Vertical	N/A
4**	5719.200	90.07	-3.74	--	90.07	AV	333.00	150	Vertical	N/A
5	7525.550	47.84	-1.61	74.0	-26.16	Peak	10.00	150	Vertical	Pass
5**	7525.550	38.75	-1.61	54.0	-15.25	AV	10.00	150	Vertical	Pass
6	11828.275	50.54	0.90	74.0	-23.46	Peak	264.00	150	Vertical	Pass
6**	11828.275	39.77	0.90	54.0	-14.23	AV	264.00	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	1161.700	37.49	-18.40	74.0	-36.51	Peak	44.00	150	Horizontal	Pass
1**	1161.700	26.73	-18.40	54.0	-27.27	AV	44.00	150	Horizontal	Pass
2	1456.300	38.29	-17.64	74.0	-35.71	Peak	60.00	150	Horizontal	Pass
2**	1456.300	28.15	-17.64	54.0	-25.85	AV	60.00	150	Horizontal	Pass
3	4286.000	48.05	-4.73	74.0	-25.95	Peak	124.00	150	Horizontal	Pass
3**	4286.000	38.30	-4.73	54.0	-15.70	AV	124.00	150	Horizontal	Pass
4	5507.400	104.06	-2.96	--	3.06	Peak	101.00	150	Horizontal	N/A
4**	5507.400	95.18	-2.96	--	95.18	AV	101.00	150	Horizontal	N/A
5	7560.050	47.28	-1.75	74.0	-26.72	Peak	66.00	150	Horizontal	Pass
5**	7560.050	39.00	-1.75	54.0	-15.00	AV	66.00	150	Horizontal	Pass
6	11638.525	50.57	2.43	74.0	-23.43	Peak	84.00	150	Horizontal	Pass
6**	11638.525	42.50	2.43	54.0	-11.50	AV	84.00	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	1063.600	39.27	-18.61	74.0	-34.73	Peak	207.00	150	Vertical	Pass
1**	1063.600	30.69	-18.61	54.0	-23.31	AV	207.00	150	Vertical	Pass
2	1329.300	39.14	-17.68	74.0	-34.86	Peak	351.00	150	Vertical	Pass
2**	1329.300	28.05	-17.68	54.0	-25.95	AV	351.00	150	Vertical	Pass
3	4204.800	48.11	-5.14	74.0	-25.89	Peak	253.00	150	Vertical	Pass
3**	4204.800	38.34	-5.14	54.0	-15.66	AV	253.00	150	Vertical	Pass
4	5508.600	93.47	-2.95	--	-47.53	Peak	141.00	150	Vertical	N/A
4**	5508.600	85.19	-2.95	--	85.19	AV	141.00	150	Vertical	N/A
5	7521.525	47.76	-1.60	74.0	-26.24	Peak	9.00	150	Vertical	Pass
5**	7521.525	37.79	-1.60	54.0	-16.21	AV	9.00	150	Vertical	Pass
6	11640.250	50.76	2.45	74.0	-23.24	Peak	9.00	150	Vertical	Pass
6**	11640.250	41.23	2.45	54.0	-12.77	AV	9.00	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	1165.200	36.66	-18.43	74.0	-37.34	Peak	265.00	150	Horizontal	Pass
1**	1165.200	27.46	-18.43	54.0	-26.54	AV	265.00	150	Horizontal	Pass
2	1597.100	38.28	-17.78	74.0	-35.72	Peak	265.00	150	Horizontal	Pass
2**	1597.100	28.09	-17.78	54.0	-25.91	AV	265.00	150	Horizontal	Pass
3	4354.600	48.16	-4.94	74.0	-25.84	Peak	93.00	150	Horizontal	Pass
3**	4354.600	39.09	-4.94	54.0	-14.91	AV	93.00	150	Horizontal	Pass
4	5586.800	103.85	-3.22	--	23.85	Peak	80.00	150	Horizontal	N/A
4**	5586.800	96.16	-3.22	--	96.16	AV	80.00	150	Horizontal	N/A
5	7559.763	47.66	-1.74	74.0	-26.34	Peak	0.00	150	Horizontal	Pass
5**	7559.763	38.41	-1.74	54.0	-15.59	AV	0.00	150	Horizontal	Pass
6	12223.875	52.21	2.61	74.0	-21.79	Peak	193.00	150	Horizontal	Pass
6**	12223.875	42.07	2.61	54.0	-11.93	AV	193.00	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	1062.800	38.38	-18.64	74.0	-35.62	Peak	225.00	150	Vertical	Pass
1**	1062.800	31.02	-18.64	54.0	-22.98	AV	225.00	150	Vertical	Pass
2	1331.800	39.10	-17.73	74.0	-34.90	Peak	360.00	150	Vertical	Pass
2**	1331.800	31.21	-17.73	54.0	-22.79	AV	360.00	150	Vertical	Pass
3	4078.600	47.35	-5.19	74.0	-26.65	Peak	186.00	150	Vertical	Pass
3**	4078.600	36.59	-5.19	54.0	-17.41	AV	186.00	150	Vertical	Pass
4	5591.600	93.76	-3.26	--	-247.24	Peak	341.00	150	Vertical	N/A
4**	5591.600	85.54	-3.26	--	85.54	AV	341.00	150	Vertical	N/A
5	7499.100	47.37	-1.89	74.0	-26.63	Peak	0.00	150	Vertical	Pass
5**	7499.100	37.69	-1.89	54.0	-16.31	AV	0.00	150	Vertical	Pass
6	11640.825	51.45	2.45	74.0	-22.55	Peak	194.00	150	Vertical	Pass
6**	11640.825	41.65	2.45	54.0	-12.35	AV	194.00	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	1187.600	37.75	-18.33	74.0	-36.25	Peak	255.00	150	Horizontal	Pass
1**	1187.600	27.13	-18.33	54.0	-26.87	AV	255.00	150	Horizontal	Pass
2	1572.500	38.55	-17.57	74.0	-35.45	Peak	298.00	150	Horizontal	Pass
2**	1572.500	28.68	-17.57	54.0	-25.32	AV	298.00	150	Horizontal	Pass
3	4284.200	47.68	-4.68	74.0	-26.32	Peak	0.00	150	Horizontal	Pass
3**	4284.200	38.48	-4.68	54.0	-15.52	AV	0.00	150	Horizontal	Pass
4	5662.600	103.78	-3.46	--	28.78	Peak	75.00	150	Horizontal	N/A
4**	5662.600	95.07	-3.46	--	95.07	AV	75.00	150	Horizontal	N/A
5	7561.775	47.82	-1.81	74.0	-26.18	Peak	138.00	150	Horizontal	Pass
5**	7561.775	38.67	-1.81	54.0	-15.33	AV	138.00	150	Horizontal	Pass
6	12258.662	51.18	2.59	74.0	-22.82	Peak	1.00	150	Horizontal	Pass
6**	12258.662	42.20	2.59	54.0	-11.80	AV	1.00	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	1065.100	40.06	-18.59	74.0	-33.94	Peak	222.00	150	Vertical	Pass
1**	1065.100	27.14	-18.59	54.0	-26.86	AV	222.00	150	Vertical	Pass
2	1329.900	38.97	-17.69	74.0	-35.03	Peak	360.00	150	Vertical	Pass
2**	1329.900	29.02	-17.69	54.0	-24.98	AV	360.00	150	Vertical	Pass
3	4128.600	47.06	-5.61	74.0	-26.94	Peak	112.00	150	Vertical	Pass
3**	4128.600	37.18	-5.61	54.0	-16.82	AV	112.00	150	Vertical	Pass
4	5679.000	92.59	-3.86	--	-259.41	Peak	352.00	150	Vertical	N/A
4**	5679.000	84.73	-3.86	--	84.73	AV	352.00	150	Vertical	N/A
5	7340.112	47.68	-2.54	74.0	-26.32	Peak	292.00	150	Vertical	Pass
5**	7340.112	36.40	-2.54	54.0	-17.60	AV	292.00	150	Vertical	Pass
6	12216.688	51.55	2.59	74.0	-22.45	Peak	216.00	150	Vertical	Pass
6**	12216.688	43.16	2.59	54.0	-10.84	AV	216.00	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	1185.300	36.87	-18.26	74.0	-37.13	Peak	189.00	150	Horizontal	Pass
1**	1185.300	27.94	-18.26	54.0	-26.06	AV	189.00	150	Horizontal	Pass
2	1531.800	37.27	-17.76	74.0	-36.73	Peak	112.00	150	Horizontal	Pass
2**	1531.800	27.88	-17.76	54.0	-26.12	AV	112.00	150	Horizontal	Pass
3	4194.000	46.97	-5.29	74.0	-27.03	Peak	0.00	150	Horizontal	Pass
3**	4194.000	38.58	-5.29	54.0	-15.42	AV	0.00	150	Horizontal	Pass
4	5707.800	103.56	-3.80	--	15.56	Peak	88.00	150	Horizontal	N/A
4**	5707.800	96.32	-3.80	--	96.32	AV	88.00	150	Horizontal	N/A
5	7528.138	47.28	-1.64	74.0	-26.72	Peak	10.00	150	Horizontal	Pass
5**	7528.138	38.29	-1.64	54.0	-15.71	AV	10.00	150	Horizontal	Pass
6	11622.425	50.79	2.25	74.0	-23.21	Peak	233.00	150	Horizontal	Pass
6**	11622.425	41.97	2.25	54.0	-12.03	AV	233.00	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	1062.400	38.92	-18.64	74.0	-35.08	Peak	218.00	150	Vertical	Pass
1**	1062.400	26.70	-18.64	54.0	-27.30	AV	218.00	150	Vertical	Pass
2	1332.500	41.10	-17.75	74.0	-32.90	Peak	360.00	150	Vertical	Pass
2**	1332.500	29.99	-17.75	54.0	-24.01	AV	360.00	150	Vertical	Pass
3	4311.800	48.16	-5.00	74.0	-25.84	Peak	107.00	150	Vertical	Pass
3**	4311.800	38.32	-5.00	54.0	-15.68	AV	107.00	150	Vertical	Pass
4	5706.000	93.60	-3.82	--	-242.40	Peak	336.00	150	Vertical	N/A
4**	5706.000	85.92	-3.82	--	85.92	AV	336.00	150	Vertical	N/A
5	7546.825	47.83	-1.58	74.0	-26.17	Peak	103.00	150	Vertical	Pass
5**	7546.825	38.59	-1.58	54.0	-15.41	AV	103.00	150	Vertical	Pass
6	12050.800	50.61	1.16	74.0	-23.39	Peak	169.00	150	Vertical	Pass
6**	12050.800	41.27	1.16	54.0	-12.73	AV	169.00	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	1119.200	36.52	-18.39	74.0	-37.48	Peak	78.00	150	Horizontal	Pass
1**	1119.200	27.69	-18.39	54.0	-26.31	AV	78.00	150	Horizontal	Pass
2	1456.600	38.56	-17.64	74.0	-35.44	Peak	300.00	150	Horizontal	Pass
2**	1456.600	28.39	-17.64	54.0	-25.61	AV	300.00	150	Horizontal	Pass
3	4208.800	48.43	-5.06	74.0	-25.57	Peak	306.00	150	Horizontal	Pass
3**	4208.800	37.74	-5.06	54.0	-16.26	AV	306.00	150	Horizontal	Pass
4	5502.400	105.11	-2.90	--	11.11	Peak	94.00	150	Horizontal	N/A
4**	5502.400	96.47	-2.90	--	96.47	AV	94.00	150	Horizontal	N/A
5	7545.100	47.66	-1.60	74.0	-26.34	Peak	223.00	150	Horizontal	Pass
5**	7545.100	39.11	-1.60	54.0	-14.89	AV	223.00	150	Horizontal	Pass
6	12167.812	50.65	2.12	74.0	-23.35	Peak	223.00	150	Horizontal	Pass
6**	12167.812	40.89	2.12	54.0	-13.11	AV	223.00	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	1066.100	39.33	-18.64	74.0	-34.67	Peak	213.00	150	Vertical	Pass
1**	1066.100	28.44	-18.64	54.0	-25.56	AV	213.00	150	Vertical	Pass
2	1333.400	40.56	-17.75	74.0	-33.44	Peak	0.00	150	Vertical	Pass
2**	1333.400	33.33	-17.75	54.0	-20.67	AV	0.00	150	Vertical	Pass
3	4207.200	47.62	-5.10	74.0	-26.38	Peak	55.00	150	Vertical	Pass
3**	4207.200	38.25	-5.10	54.0	-15.75	AV	55.00	150	Vertical	Pass
4	5498.200	93.66	-2.81	--	93.66	Peak	0.00	150	Vertical	N/A
4**	5498.200	85.83	-2.81	--	85.83	AV	0.00	150	Vertical	N/A
5	7555.450	48.44	-1.61	74.0	-25.56	Peak	259.00	150	Vertical	Pass
5**	7555.450	38.26	-1.61	54.0	-15.74	AV	259.00	150	Vertical	Pass
6	12049.362	50.96	1.15	74.0	-23.04	Peak	308.00	150	Vertical	Pass
6**	12049.362	40.96	1.15	54.0	-13.04	AV	308.00	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	1153.600	37.35	-18.40	74.0	-36.65	Peak	102.00	150	Horizontal	Pass
1**	1153.600	27.24	-18.40	54.0	-26.76	AV	102.00	150	Horizontal	Pass
2	1484.100	41.03	-17.74	74.0	-32.97	Peak	320.00	150	Horizontal	Pass
2**	1484.100	28.64	-17.74	54.0	-25.36	AV	320.00	150	Horizontal	Pass
3	4168.600	47.56	-4.93	74.0	-26.44	Peak	98.00	150	Horizontal	Pass
3**	4168.600	37.64	-4.93	54.0	-16.36	AV	98.00	150	Horizontal	Pass
4	5577.800	105.15	-3.15	--	23.15	Peak	82.00	150	Horizontal	N/A
4**	5577.800	97.28	-3.15	--	97.28	AV	82.00	150	Horizontal	N/A
5	7551.138	47.10	-1.58	74.0	-26.90	Peak	232.00	150	Horizontal	Pass
5**	7551.138	37.72	-1.58	54.0	-16.28	AV	232.00	150	Horizontal	Pass
6	11633.925	50.75	2.38	74.0	-23.25	Peak	329.00	150	Horizontal	Pass
6**	11633.925	41.01	2.38	54.0	-12.99	AV	329.00	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	1063.100	38.80	-18.63	74.0	-35.20	Peak	218.00	150	Vertical	Pass
1**	1063.100	30.56	-18.63	54.0	-23.44	AV	218.00	150	Vertical	Pass
2	1332.000	39.93	-17.74	74.0	-34.07	Peak	360.00	150	Vertical	Pass
2**	1332.000	29.49	-17.74	54.0	-24.51	AV	360.00	150	Vertical	Pass
3	4105.000	47.32	-5.31	74.0	-26.68	Peak	104.00	150	Vertical	Pass
3**	4105.000	37.43	-5.31	54.0	-16.57	AV	104.00	150	Vertical	Pass
4	5581.800	93.96	-3.25	--	-41.04	Peak	135.00	150	Vertical	N/A
4**	5581.800	86.32	-3.25	--	86.32	AV	135.00	150	Vertical	N/A
5	7465.462	47.76	-2.07	74.0	-26.24	Peak	360.00	150	Vertical	Pass
5**	7465.462	38.10	-2.07	54.0	-15.90	AV	360.00	150	Vertical	Pass
6	12067.763	51.08	1.27	74.0	-22.92	Peak	360.00	150	Vertical	Pass
6**	12067.763	41.16	1.27	54.0	-12.84	AV	360.00	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	1182.900	37.15	-18.30	74.0	-36.85	Peak	182.00	150	Horizontal	Pass
1**	1182.900	27.99	-18.30	54.0	-26.01	AV	182.00	150	Horizontal	Pass
2	1524.100	37.51	-17.68	74.0	-36.49	Peak	269.00	150	Horizontal	Pass
2**	1524.100	28.95	-17.68	54.0	-25.05	AV	269.00	150	Horizontal	Pass
3	4235.400	47.08	-5.16	74.0	-26.92	Peak	236.00	150	Horizontal	Pass
3**	4235.400	38.16	-5.16	54.0	-15.84	AV	236.00	150	Horizontal	Pass
4	5702.200	103.68	-3.88	--	5.68	Peak	98.00	150	Horizontal	N/A
4**	5702.200	96.31	-3.88	--	96.31	AV	98.00	150	Horizontal	N/A
5	7538.775	47.19	-1.69	74.0	-26.81	Peak	183.00	150	Horizontal	Pass
5**	7538.775	37.85	-1.69	54.0	-16.15	AV	183.00	150	Horizontal	Pass
6	12172.701	51.01	2.19	74.0	-22.99	Peak	0.00	150	Horizontal	Pass
6**	12172.701	41.56	2.19	54.0	-12.44	AV	0.00	150	Horizontal	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.000	39.10	-18.59	74.0	-34.90	Peak	199.00	150	Vertical	Pass
1**	1065.000	26.61	-18.59	54.0	-27.39	AV	199.00	150	Vertical	Pass
2	1332.400	40.32	-17.74	74.0	-33.68	Peak	3.00	150	Vertical	Pass
2**	1332.400	32.58	-17.74	54.0	-21.42	AV	3.00	150	Vertical	Pass
3	4348.400	48.39	-4.82	74.0	-25.61	Peak	331.00	150	Vertical	Pass
3**	4348.400	38.46	-4.82	54.0	-15.54	AV	331.00	150	Vertical	Pass
4	5699.000	94.86	-3.93	--	-62.14	Peak	157.00	150	Vertical	N/A
4**	5699.000	86.75	-3.93	--	86.75	AV	157.00	150	Vertical	N/A
5	7551.712	47.40	-1.57	74.0	-26.60	Peak	121.00	150	Vertical	Pass
5**	7551.712	39.14	-1.57	54.0	-14.86	AV	121.00	150	Vertical	Pass
6	12212.375	50.54	2.58	74.0	-23.46	Peak	136.00	150	Vertical	Pass
6**	12212.375	41.68	2.58	54.0	-12.32	AV	136.00	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	1140.300	36.49	-18.37	74.0	-37.51	Peak	233.00	150	Horizontal	Pass
1**	1140.300	27.22	-18.37	54.0	-26.78	AV	233.00	150	Horizontal	Pass
2	1543.000	37.39	-17.72	74.0	-36.61	Peak	171.00	150	Horizontal	Pass
2**	1543.000	27.50	-17.72	54.0	-26.50	AV	171.00	150	Horizontal	Pass
3	4290.000	48.46	-4.77	74.0	-25.54	Peak	355.00	150	Horizontal	Pass
3**	4290.000	38.70	-4.77	54.0	-15.30	AV	355.00	150	Horizontal	Pass
4	5715.400	103.88	-3.77	--	22.88	Peak	81.00	150	Horizontal	N/A
4**	5715.400	94.94	-3.77	--	94.94	AV	81.00	150	Horizontal	N/A
5	7463.450	47.11	-2.12	74.0	-26.89	Peak	279.00	150	Horizontal	Pass
5**	7463.450	36.97	-2.12	54.0	-17.03	AV	279.00	150	Horizontal	Pass
6	11610.637	50.58	2.12	74.0	-23.42	Peak	64.00	150	Horizontal	Pass
6**	11610.637	41.17	2.12	54.0	-12.83	AV	64.00	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	1063.400	39.53	-18.62	74.0	-34.47	Peak	208.00	150	Vertical	Pass
1**	1063.400	30.58	-18.62	54.0	-23.42	AV	208.00	150	Vertical	Pass
2	1328.600	40.51	-17.66	74.0	-33.49	Peak	360.00	150	Vertical	Pass
2**	1328.600	30.04	-17.66	54.0	-23.96	AV	360.00	150	Vertical	Pass
3	4223.000	47.93	-4.71	74.0	-26.07	Peak	149.00	150	Vertical	Pass
3**	4223.000	38.09	-4.71	54.0	-15.91	AV	149.00	150	Vertical	Pass
4	5722.000	94.06	-3.67	--	-236.94	Peak	331.00	150	Vertical	N/A
4**	5722.000	86.75	-3.67	--	86.75	AV	331.00	150	Vertical	N/A
5	7431.250	47.41	-2.17	74.0	-26.59	Peak	22.00	150	Vertical	Pass
5**	7431.250	37.28	-2.17	54.0	-16.72	AV	22.00	150	Vertical	Pass
6	11641.687	50.73	2.46	74.0	-23.27	Peak	160.00	150	Vertical	Pass
6**	11641.687	41.22	2.46	54.0	-12.78	AV	160.00	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	1048.500	39.98	-18.44	74.0	-34.02	Peak	196.00	150	Horizontal	Pass
1**	1048.500	26.66	-18.44	54.0	-27.34	AV	196.00	150	Horizontal	Pass
2	1515.600	41.01	-17.76	74.0	-32.99	Peak	322.00	150	Horizontal	Pass
2**	1515.600	27.70	-17.76	54.0	-26.30	AV	322.00	150	Horizontal	Pass
3	4152.000	47.14	-5.20	74.0	-26.86	Peak	340.00	150	Horizontal	Pass
3**	4152.000	37.50	-5.20	54.0	-16.50	AV	340.00	150	Horizontal	Pass
4	5515.000	100.04	-3.00	--	0.04	Peak	100.00	150	Horizontal	N/A
4**	5515.000	92.32	-3.00	--	92.32	AV	100.00	150	Horizontal	N/A
5	7429.813	47.13	-2.19	74.0	-26.87	Peak	147.00	150	Horizontal	Pass
5**	7429.813	38.14	-2.19	54.0	-15.86	AV	147.00	150	Horizontal	Pass
6	12222.725	51.54	2.60	74.0	-22.46	Peak	0.00	150	Horizontal	Pass
6**	12222.725	41.82	2.60	54.0	-12.18	AV	0.00	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	1066.000	40.65	-18.64	74.0	-33.35	Peak	215.00	150	Vertical	Pass
1**	1066.000	26.30	-18.64	54.0	-27.70	AV	215.00	150	Vertical	Pass
2	1334.100	39.52	-17.75	74.0	-34.48	Peak	360.00	150	Vertical	Pass
2**	1334.100	30.17	-17.75	54.0	-23.83	AV	360.00	150	Vertical	Pass
3	4223.400	47.47	-4.73	74.0	-26.53	Peak	292.00	150	Vertical	Pass
3**	4223.400	37.75	-4.73	54.0	-16.25	AV	292.00	150	Vertical	Pass
4	5521.400	89.40	-3.02	--	-258.60	Peak	348.00	150	Vertical	N/A
4**	5521.400	81.32	-3.02	--	81.32	AV	348.00	150	Vertical	N/A
5	7489.325	47.03	-1.83	74.0	-26.97	Peak	175.00	150	Vertical	Pass
5**	7489.325	37.98	-1.83	54.0	-16.02	AV	175.00	150	Vertical	Pass
6	11623.576	51.08	2.26	74.0	-22.92	Peak	119.00	150	Vertical	Pass
6**	11623.576	41.40	2.26	54.0	-12.60	AV	119.00	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	1198.000	37.28	-18.18	74.0	-36.72	Peak	11.00	150	Horizontal	Pass
1**	1198.000	28.79	-18.18	54.0	-25.21	AV	11.00	150	Horizontal	Pass
2	1534.600	37.76	-17.79	74.0	-36.24	Peak	267.00	150	Horizontal	Pass
2**	1534.600	28.35	-17.79	54.0	-25.65	AV	267.00	150	Horizontal	Pass
3	4273.600	48.11	-4.76	74.0	-25.89	Peak	24.00	150	Horizontal	Pass
3**	4273.600	38.26	-4.76	54.0	-15.74	AV	24.00	150	Horizontal	Pass
4	5584.200	99.71	-3.26	--	-3.29	Peak	103.00	150	Horizontal	N/A
4**	5584.200	91.54	-3.26	--	91.54	AV	103.00	150	Horizontal	N/A
5	7525.263	46.89	-1.61	74.0	-27.11	Peak	8.00	150	Horizontal	Pass
5**	7525.263	38.19	-1.61	54.0	-15.81	AV	8.00	150	Horizontal	Pass
6	12204.325	51.06	2.56	74.0	-22.94	Peak	360.00	150	Horizontal	Pass
6**	12204.325	42.17	2.56	54.0	-11.83	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1066.000	39.52	-18.64	74.0	-34.48	Peak	207.00	150	Vertical	Pass
1**	1066.000	28.52	-18.64	54.0	-25.48	AV	207.00	150	Vertical	Pass
2	1330.600	40.10	-17.71	74.0	-33.90	Peak	0.00	150	Vertical	Pass
2**	1330.600	31.09	-17.71	54.0	-22.91	AV	0.00	150	Vertical	Pass
3	3774.200	46.51	-5.90	74.0	-27.49	Peak	324.00	150	Vertical	Pass
3**	3774.200	37.32	-5.90	54.0	-16.68	AV	324.00	150	Vertical	Pass
4	5586.200	88.70	-3.22	--	-59.30	Peak	148.00	150	Vertical	N/A
4**	5586.200	81.05	-3.22	--	81.05	AV	148.00	150	Vertical	N/A
5	7538.775	47.67	-1.69	74.0	-26.33	Peak	1.00	150	Vertical	Pass
5**	7538.775	38.10	-1.69	54.0	-15.90	AV	1.00	150	Vertical	Pass
6	12148.263	51.89	1.86	74.0	-22.11	Peak	94.00	150	Vertical	Pass
6**	12148.263	41.96	1.86	54.0	-12.04	AV	94.00	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	1153.700	36.43	-18.41	74.0	-37.57	Peak	48.00	150	Horizontal	Pass
1**	1153.700	27.57	-18.41	54.0	-26.43	AV	48.00	150	Horizontal	Pass
2	1561.200	38.62	-17.65	74.0	-35.38	Peak	69.00	150	Horizontal	Pass
2**	1561.200	28.91	-17.65	54.0	-25.09	AV	69.00	150	Horizontal	Pass
3	4024.600	47.12	-5.59	74.0	-26.88	Peak	26.00	150	Horizontal	Pass
3**	4024.600	37.62	-5.59	54.0	-16.38	AV	26.00	150	Horizontal	Pass
4	5665.800	100.37	-3.57	--	17.37	Peak	83.00	150	Horizontal	N/A
4**	5665.800	93.17	-3.57	--	93.17	AV	83.00	150	Horizontal	N/A
5	7308.487	47.28	-2.76	74.0	-26.72	Peak	337.00	150	Horizontal	Pass
5**	7308.487	38.27	-2.76	54.0	-15.73	AV	337.00	150	Horizontal	Pass
6	11658.362	50.89	2.52	74.0	-23.11	Peak	82.00	150	Horizontal	Pass
6**	11658.362	41.81	2.52	54.0	-12.19	AV	82.00	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	1064.300	38.99	-18.59	74.0	-35.01	Peak	220.00	150	Vertical	Pass
1**	1064.300	31.91	-18.59	54.0	-22.09	AV	220.00	150	Vertical	Pass
2	1333.300	40.31	-17.75	74.0	-33.69	Peak	360.00	150	Vertical	Pass
2**	1333.300	28.45	-17.75	54.0	-25.55	AV	360.00	150	Vertical	Pass
3	4203.200	47.81	-5.19	74.0	-26.19	Peak	300.00	150	Vertical	Pass
3**	4203.200	38.10	-5.19	54.0	-15.90	AV	300.00	150	Vertical	Pass
4	5668.400	89.72	-3.60	--	-258.28	Peak	348.00	150	Vertical	N/A
4**	5668.400	80.80	-3.60	--	80.80	AV	348.00	150	Vertical	N/A
5	7559.763	47.66	-1.74	74.0	-26.34	Peak	8.00	150	Vertical	Pass
5**	7559.763	38.34	-1.74	54.0	-15.66	AV	8.00	150	Vertical	Pass
6	11653.763	50.86	2.54	74.0	-23.14	Peak	230.00	150	Vertical	Pass
6**	11653.763	41.85	2.54	54.0	-12.15	AV	230.00	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	1130.000	37.16	-18.36	74.0	-36.84	Peak	5.00	150	Horizontal	Pass
1**	1130.000	27.26	-18.36	54.0	-26.74	AV	5.00	150	Horizontal	Pass
2	1599.500	38.71	-17.73	74.0	-35.29	Peak	55.00	150	Horizontal	Pass
2**	1599.500	29.13	-17.73	54.0	-24.87	AV	55.00	150	Horizontal	Pass
3	4046.400	46.80	-5.40	74.0	-27.20	Peak	315.00	150	Horizontal	Pass
3**	4046.400	36.33	-5.40	54.0	-17.67	AV	315.00	150	Horizontal	Pass
4	5713.800	99.50	-3.76	--	13.50	Peak	86.00	150	Horizontal	N/A
4**	5713.800	92.07	-3.76	--	92.07	AV	86.00	150	Horizontal	N/A
5	7556.600	47.15	-1.66	74.0	-26.85	Peak	109.00	150	Horizontal	Pass
5**	7556.600	38.44	-1.66	54.0	-15.56	AV	109.00	150	Horizontal	Pass
6	11626.450	50.67	2.30	74.0	-23.33	Peak	360.00	150	Horizontal	Pass
6**	11626.450	42.16	2.30	54.0	-11.84	AV	360.00	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	1064.600	40.07	-18.58	74.0	-33.93	Peak	215.00	150	Vertical	Pass
1**	1064.600	28.34	-18.58	54.0	-25.66	AV	215.00	150	Vertical	Pass
2	1328.600	40.07	-17.66	74.0	-33.93	Peak	0.00	150	Vertical	Pass
2**	1328.600	29.47	-17.66	54.0	-24.53	AV	0.00	150	Vertical	Pass
3	4205.400	47.37	-5.13	74.0	-26.63	Peak	13.00	150	Vertical	Pass
3**	4205.400	37.99	-5.13	54.0	-16.01	AV	13.00	150	Vertical	Pass
4	5714.400	89.62	-3.76	--	-245.38	Peak	335.00	150	Vertical	N/A
4**	5714.400	81.98	-3.76	--	81.98	AV	335.00	150	Vertical	N/A
5	7430.100	47.45	-2.19	74.0	-26.55	Peak	152.00	150	Vertical	Pass
5**	7430.100	37.89	-2.19	54.0	-16.11	AV	152.00	150	Vertical	Pass
6	11646.862	50.67	2.52	74.0	-23.33	Peak	360.00	150	Vertical	Pass
6**	11646.862	42.17	2.52	54.0	-11.83	AV	360.00	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	1062.400	36.61	-18.64	74.0	-37.39	Peak	63.00	150	Horizontal	Pass
1**	1062.400	27.88	-18.64	54.0	-26.12	AV	63.00	150	Horizontal	Pass
2	1485.900	38.17	-17.75	74.0	-35.83	Peak	258.00	150	Horizontal	Pass
2**	1485.900	27.39	-17.75	54.0	-26.61	AV	258.00	150	Horizontal	Pass
3	3969.600	46.79	-5.33	74.0	-27.21	Peak	0.00	150	Horizontal	Pass
3**	3969.600	36.50	-5.33	54.0	-17.50	AV	0.00	150	Horizontal	Pass
4	5536.400	97.21	-2.87	--	-9.79	Peak	107.00	150	Horizontal	N/A
4**	5536.400	89.90	-2.87	--	89.90	AV	107.00	150	Horizontal	N/A
5	7469.200	47.24	-2.05	74.0	-26.76	Peak	342.00	150	Horizontal	Pass
5**	7469.200	37.07	-2.05	54.0	-16.93	AV	342.00	150	Horizontal	Pass
6	11609.775	50.18	2.11	74.0	-23.82	Peak	1.00	150	Horizontal	Pass
6**	11609.775	40.75	2.11	54.0	-13.25	AV	1.00	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	1064.100	38.89	-18.60	74.0	-35.11	Peak	196.00	150	Vertical	Pass
1**	1064.100	27.02	-18.60	54.0	-26.98	AV	196.00	150	Vertical	Pass
2	1329.200	40.04	-17.68	74.0	-33.96	Peak	359.00	150	Vertical	Pass
2**	1329.200	31.89	-17.68	54.0	-22.11	AV	359.00	150	Vertical	Pass
3	4104.200	46.65	-5.31	74.0	-27.35	Peak	187.00	150	Vertical	Pass
3**	4104.200	38.65	-5.31	54.0	-15.35	AV	187.00	150	Vertical	Pass
4	5527.800	86.95	-2.94	--	-260.05	Peak	347.00	150	Vertical	N/A
4**	5527.800	79.12	-2.94	--	79.12	AV	347.00	150	Vertical	N/A
5	7620.137	48.21	-2.14	74.0	-25.79	Peak	359.00	150	Vertical	Pass
5**	7620.137	37.99	-2.14	54.0	-16.01	AV	359.00	150	Vertical	Pass
6	12229.338	50.72	2.62	74.0	-23.28	Peak	50.00	150	Vertical	Pass
6**	12229.338	41.75	2.62	54.0	-12.25	AV	50.00	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	1127.400	36.34	-18.43	74.0	-37.66	Peak	67.00	150	Horizontal	Pass
1**	1127.400	26.77	-18.43	54.0	-27.23	AV	67.00	150	Horizontal	Pass
2	1567.300	37.85	-17.60	74.0	-36.15	Peak	253.00	150	Horizontal	Pass
2**	1567.300	28.25	-17.60	54.0	-25.75	AV	253.00	150	Horizontal	Pass
3	4153.200	47.07	-5.16	74.0	-26.93	Peak	228.00	150	Horizontal	Pass
3**	4153.200	37.63	-5.16	54.0	-16.37	AV	228.00	150	Horizontal	Pass
4	5607.400	96.63	-3.12	--	21.63	Peak	75.00	150	Horizontal	N/A
4**	5607.400	88.41	-3.12	--	88.41	AV	75.00	150	Horizontal	N/A
5	7536.187	47.42	-1.73	74.0	-26.58	Peak	51.00	150	Horizontal	Pass
5**	7536.187	37.58	-1.73	54.0	-16.42	AV	51.00	150	Horizontal	Pass
6	11652.901	49.82	2.54	74.0	-24.18	Peak	360.00	150	Horizontal	Pass
6**	11652.901	41.46	2.54	54.0	-12.54	AV	360.00	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	1064.100	38.98	-18.60	74.0	-35.02	Peak	236.00	150	Vertical	Pass
1**	1064.100	30.08	-18.60	54.0	-23.92	AV	236.00	150	Vertical	Pass
2	1333.200	40.44	-17.75	74.0	-33.56	Peak	360.00	150	Vertical	Pass
2**	1333.200	31.67	-17.75	54.0	-22.33	AV	360.00	150	Vertical	Pass
3	3960.800	46.23	-5.54	74.0	-27.77	Peak	238.00	150	Vertical	Pass
3**	3960.800	37.59	-5.54	54.0	-16.41	AV	238.00	150	Vertical	Pass
4	5598.800	84.56	-3.20	--	78.56	Peak	6.00	150	Vertical	N/A
4**	5598.800	78.24	-3.20	--	78.24	AV	6.00	150	Vertical	N/A
5	7551.712	47.18	-1.57	74.0	-26.82	Peak	245.00	150	Vertical	Pass
5**	7551.712	38.54	-1.57	54.0	-15.46	AV	245.00	150	Vertical	Pass
6	11639.099	50.49	2.44	74.0	-23.51	Peak	9.00	150	Vertical	Pass
6**	11639.099	42.40	2.44	54.0	-11.60	AV	9.00	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	1161.300	36.69	-18.39	74.0	-37.31	Peak	261.00	150	Horizontal	Pass
1**	1161.300	26.91	-18.39	54.0	-27.09	AV	261.00	150	Horizontal	Pass
2	1545.900	38.39	-17.78	74.0	-35.61	Peak	28.00	150	Horizontal	Pass
2**	1545.900	28.74	-17.78	54.0	-25.26	AV	28.00	150	Horizontal	Pass
3	4228.200	47.47	-4.89	74.0	-26.53	Peak	270.00	150	Horizontal	Pass
3**	4228.200	38.01	-4.89	54.0	-15.99	AV	270.00	150	Horizontal	Pass
4	5679.600	96.63	-3.88	--	23.63	Peak	73.00	150	Horizontal	N/A
4**	5679.600	88.33	-3.88	--	88.33	AV	73.00	150	Horizontal	N/A
5	7484.725	47.45	-1.91	74.0	-26.55	Peak	9.00	150	Horizontal	Pass
5**	7484.725	37.83	-1.91	54.0	-16.17	AV	9.00	150	Horizontal	Pass
6	12000.487	50.79	1.07	74.0	-23.21	Peak	45.00	150	Horizontal	Pass
6**	12000.487	40.44	1.07	54.0	-13.56	AV	45.00	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	1063.500	38.74	-18.62	74.0	-35.26	Peak	234.00	150	Vertical	Pass
1**	1063.500	30.80	-18.62	54.0	-23.20	AV	234.00	150	Vertical	Pass
2	1328.200	40.49	-17.65	74.0	-33.51	Peak	360.00	150	Vertical	Pass
2**	1328.200	30.97	-17.65	54.0	-23.03	AV	360.00	150	Vertical	Pass
3	4028.000	46.72	-5.47	74.0	-27.28	Peak	71.00	150	Vertical	Pass
3**	4028.000	36.70	-5.47	54.0	-17.30	AV	71.00	150	Vertical	Pass
4	5695.600	85.48	-3.91	--	-71.52	Peak	157.00	150	Vertical	N/A
4**	5695.600	78.68	-3.91	--	78.68	AV	157.00	150	Vertical	N/A
5	7433.550	46.87	-2.27	74.0	-27.13	Peak	202.00	150	Vertical	Pass
5**	7433.550	37.27	-2.27	54.0	-16.73	AV	202.00	150	Vertical	Pass
6	11484.425	49.73	0.87	74.0	-24.27	Peak	67.00	150	Vertical	Pass
6**	11484.425	40.24	0.87	54.0	-13.76	AV	67.00	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	1180.000	36.83	-18.38	74.0	-37.17	Peak	46.00	150	Horizontal	Pass
1**	1180.000	27.45	-18.38	54.0	-26.55	AV	46.00	150	Horizontal	Pass
2	1505.600	38.47	-17.83	74.0	-35.53	Peak	230.00	150	Horizontal	Pass
2**	1505.600	27.64	-17.83	54.0	-26.36	AV	230.00	150	Horizontal	Pass
3	4207.000	47.71	-5.10	74.0	-26.29	Peak	83.00	150	Horizontal	Pass
3**	4207.000	38.06	-5.10	54.0	-15.94	AV	83.00	150	Horizontal	Pass
4	5739.400	106.56	-3.56	--	23.56	Peak	83.00	150	Horizontal	N/A
4**	5739.400	99.26	-3.56	--	99.26	AV	83.00	150	Horizontal	N/A
5	7547.112	48.20	-1.58	74.0	-25.80	Peak	24.00	150	Horizontal	Pass
5**	7547.112	38.17	-1.58	54.0	-15.83	AV	24.00	150	Horizontal	Pass
6	11564.637	50.12	1.61	74.0	-23.88	Peak	1.00	150	Horizontal	Pass
6**	11564.637	40.16	1.61	54.0	-13.84	AV	1.00	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	1065.300	39.73	-18.60	74.0	-34.27	Peak	200.00	150	Vertical	Pass
1**	1065.300	30.73	-18.60	54.0	-23.27	AV	200.00	150	Vertical	Pass
2	1329.600	40.71	-17.69	74.0	-33.29	Peak	360.00	150	Vertical	Pass
2**	1329.600	31.59	-17.69	54.0	-22.41	AV	360.00	150	Vertical	Pass
3	4209.400	47.76	-5.04	74.0	-26.24	Peak	360.00	150	Vertical	Pass
3**	4209.400	38.51	-5.04	54.0	-15.49	AV	360.00	150	Vertical	Pass
4	5743.800	99.32	-3.59	--	-260.68	Peak	360.00	150	Vertical	N/A
4**	5743.800	91.04	-3.59	--	91.04	AV	360.00	150	Vertical	N/A
5	7544.813	48.17	-1.60	74.0	-25.83	Peak	9.00	150	Vertical	Pass
5**	7544.813	38.66	-1.60	54.0	-15.34	AV	9.00	150	Vertical	Pass
6	12103.700	51.30	1.50	74.0	-22.70	Peak	360.00	150	Vertical	Pass
6**	12103.700	41.18	1.50	54.0	-12.82	AV	360.00	150	Vertical	Pass

11a, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1108.800	37.21	-18.48	74.0	-36.79	Peak	65.00	150	Horizontal	Pass
1**	1108.800	27.71	-18.48	54.0	-26.29	AV	65.00	150	Horizontal	Pass
2	1580.400	37.87	-17.53	74.0	-36.13	Peak	189.00	150	Horizontal	Pass
2**	1580.400	28.51	-17.53	54.0	-25.49	AV	189.00	150	Horizontal	Pass
3	4004.400	46.13	-5.64	74.0	-27.87	Peak	0.00	150	Horizontal	Pass
3**	4004.400	36.60	-5.64	54.0	-17.40	AV	0.00	150	Horizontal	Pass
4	5789.400	107.44	-2.91	--	24.44	Peak	83.00	150	Horizontal	N/A
4**	5789.400	99.36	-2.91	--	99.36	AV	83.00	150	Horizontal	N/A
5	7545.962	47.13	-1.58	74.0	-26.87	Peak	147.00	150	Horizontal	Pass
5**	7545.962	38.59	-1.58	54.0	-15.41	AV	147.00	150	Horizontal	Pass
6	12210.076	50.78	2.58	74.0	-23.22	Peak	231.00	150	Horizontal	Pass
6**	12210.076	42.79	2.58	54.0	-11.21	AV	231.00	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	1064.700	40.40	-18.58	74.0	-33.60	Peak	228.00	150	Vertical	Pass
1**	1064.700	28.17	-18.58	54.0	-25.83	AV	228.00	150	Vertical	Pass
2	1333.200	41.49	-17.75	74.0	-32.51	Peak	360.00	150	Vertical	Pass
2**	1333.200	32.00	-17.75	54.0	-22.00	AV	360.00	150	Vertical	Pass
3	4241.600	48.11	-5.07	74.0	-25.89	Peak	1.00	150	Vertical	Pass
3**	4241.600	38.07	-5.07	54.0	-15.93	AV	1.00	150	Vertical	Pass
4	5786.600	99.10	-2.99	--	83.10	Peak	16.00	150	Vertical	N/A
4**	5786.600	91.22	-2.99	--	91.22	AV	16.00	150	Vertical	N/A
5	7550.562	47.57	-1.60	74.0	-26.43	Peak	37.00	150	Vertical	Pass
5**	7550.562	38.25	-1.60	54.0	-15.75	AV	37.00	150	Vertical	Pass
6	11637.662	50.68	2.42	74.0	-23.32	Peak	360.00	150	Vertical	Pass
6**	11637.662	41.42	2.42	54.0	-12.58	AV	360.00	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	1095.900	36.36	-18.58	74.0	-37.64	Peak	362.00	150	Horizontal	Pass
1**	1095.900	26.74	-18.58	54.0	-27.26	AV	362.00	150	Horizontal	Pass
2	1475.000	37.90	-17.80	74.0	-36.10	Peak	305.00	150	Horizontal	Pass
2**	1475.000	27.91	-17.80	54.0	-26.09	AV	305.00	150	Horizontal	Pass
3	4263.400	47.55	-4.82	74.0	-26.45	Peak	0.00	150	Horizontal	Pass
3**	4263.400	38.21	-4.82	54.0	-15.79	AV	0.00	150	Horizontal	Pass
4	5828.400	106.71	-2.74	--	20.71	Peak	86.00	150	Horizontal	N/A
4**	5828.400	100.02	-2.74	--	100.02	AV	86.00	150	Horizontal	N/A
5	7547.975	47.52	-1.58	74.0	-26.48	Peak	1.00	150	Horizontal	Pass
5**	7547.975	39.06	-1.58	54.0	-14.94	AV	1.00	150	Horizontal	Pass
6	12244.287	50.83	2.65	74.0	-23.17	Peak	260.00	150	Horizontal	Pass
6**	12244.287	41.59	2.65	54.0	-12.41	AV	260.00	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	1063.500	40.37	-18.62	74.0	-33.63	Peak	208.00	150	Vertical	Pass
1**	1063.500	29.32	-18.62	54.0	-24.68	AV	208.00	150	Vertical	Pass
2	1332.600	41.32	-17.75	74.0	-32.68	Peak	360.00	150	Vertical	Pass
2**	1332.600	32.92	-17.75	54.0	-21.08	AV	360.00	150	Vertical	Pass
3	4230.200	47.74	-4.97	74.0	-26.26	Peak	113.00	150	Vertical	Pass
3**	4230.200	38.42	-4.97	54.0	-15.58	AV	113.00	150	Vertical	Pass
4	5823.800	98.06	-2.75	--	-261.94	Peak	360.00	150	Vertical	N/A
4**	5823.800	90.74	-2.75	--	90.74	AV	360.00	150	Vertical	N/A
5	7555.737	47.26	-1.62	74.0	-26.74	Peak	147.00	150	Vertical	Pass
5**	7555.737	39.03	-1.62	54.0	-14.97	AV	147.00	150	Vertical	Pass
6	12200.013	50.78	2.56	74.0	-23.22	Peak	340.00	150	Vertical	Pass
6**	12200.013	41.76	2.56	54.0	-12.24	AV	340.00	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	1096.700	36.60	-18.59	74.0	-37.40	Peak	58.00	150	Horizontal	Pass
1**	1096.700	27.35	-18.59	54.0	-26.65	AV	58.00	150	Horizontal	Pass
2	1584.800	38.66	-17.67	74.0	-35.34	Peak	298.00	150	Horizontal	Pass
2**	1584.800	28.84	-17.67	54.0	-25.16	AV	298.00	150	Horizontal	Pass
3	3948.400	47.18	-6.21	74.0	-26.82	Peak	111.00	150	Horizontal	Pass
3**	3948.400	36.98	-6.21	54.0	-17.02	AV	111.00	150	Horizontal	Pass
4	5746.200	105.99	-3.59	--	25.99	Peak	80.00	150	Horizontal	N/A
4**	5746.200	98.58	-3.59	--	98.58	AV	80.00	150	Horizontal	N/A
5	7541.650	46.94	-1.64	74.0	-27.06	Peak	216.00	150	Horizontal	Pass
5**	7541.650	38.64	-1.64	54.0	-15.36	AV	216.00	150	Horizontal	Pass
6	11628.750	50.45	2.32	74.0	-23.55	Peak	77.00	150	Horizontal	Pass
6**	11628.750	41.12	2.32	54.0	-12.88	AV	77.00	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	1065.200	39.11	-18.60	74.0	-34.89	Peak	218.00	150	Vertical	Pass
1**	1065.200	27.54	-18.60	54.0	-26.46	AV	218.00	150	Vertical	Pass
2	1332.900	41.51	-17.75	74.0	-32.49	Peak	348.00	150	Vertical	Pass
2**	1332.900	28.62	-17.75	54.0	-25.38	AV	348.00	150	Vertical	Pass
3	4168.600	46.73	-4.93	74.0	-27.27	Peak	133.00	150	Vertical	Pass
3**	4168.600	37.72	-4.93	54.0	-16.28	AV	133.00	150	Vertical	Pass
4	5746.000	96.33	-3.58	--	-258.67	Peak	355.00	150	Vertical	N/A
4**	5746.000	88.86	-3.58	--	88.86	AV	355.00	150	Vertical	N/A
5	7556.600	47.12	-1.66	74.0	-26.88	Peak	65.00	150	Vertical	Pass
5**	7556.600	38.90	-1.66	54.0	-15.10	AV	65.00	150	Vertical	Pass
6	12262.974	51.18	2.55	74.0	-22.82	Peak	360.00	150	Vertical	Pass
6**	12262.974	41.55	2.55	54.0	-12.45	AV	360.00	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	1135.100	36.78	-18.25	74.0	-37.22	Peak	39.00	150	Horizontal	Pass
1**	1135.100	28.36	-18.25	54.0	-25.64	AV	39.00	150	Horizontal	Pass
2	1529.400	38.07	-17.76	74.0	-35.93	Peak	194.00	150	Horizontal	Pass
2**	1529.400	28.17	-17.76	54.0	-25.83	AV	194.00	150	Horizontal	Pass
3	4246.000	47.31	-4.86	74.0	-26.69	Peak	65.00	150	Horizontal	Pass
3**	4246.000	38.33	-4.86	54.0	-15.67	AV	65.00	150	Horizontal	Pass
4	5785.800	105.79	-3.00	--	24.79	Peak	81.00	150	Horizontal	N/A
4**	5785.800	99.01	-3.00	--	99.01	AV	81.00	150	Horizontal	N/A
5	7560.625	47.93	-1.78	74.0	-26.07	Peak	270.00	150	Horizontal	Pass
5**	7560.625	38.47	-1.78	54.0	-15.53	AV	270.00	150	Horizontal	Pass
6	11620.125	50.18	2.23	74.0	-23.82	Peak	120.00	150	Horizontal	Pass
6**	11620.125	41.47	2.23	54.0	-12.53	AV	120.00	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	1063.300	38.04	-18.62	74.0	-35.96	Peak	218.00	150	Vertical	Pass
1**	1063.300	28.52	-18.62	54.0	-25.48	AV	218.00	150	Vertical	Pass
2	1333.400	40.82	-17.75	74.0	-33.18	Peak	360.00	150	Vertical	Pass
2**	1333.400	29.29	-17.75	54.0	-24.71	AV	360.00	150	Vertical	Pass
3	4292.200	48.15	-4.75	74.0	-25.85	Peak	195.00	150	Vertical	Pass
3**	4292.200	38.62	-4.75	54.0	-15.38	AV	195.00	150	Vertical	Pass
4	5783.200	97.18	-3.06	--	88.18	Peak	9.00	150	Vertical	N/A
4**	5783.200	88.83	-3.06	--	88.83	AV	9.00	150	Vertical	N/A
5	7565.800	47.04	-1.95	74.0	-26.96	Peak	356.00	150	Vertical	Pass
5**	7565.800	37.94	-1.95	54.0	-16.06	AV	356.00	150	Vertical	Pass
6	12198.862	51.51	2.54	74.0	-22.49	Peak	287.00	150	Vertical	Pass
6**	12198.862	42.22	2.54	54.0	-11.78	AV	287.00	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	1181.000	36.85	-18.37	74.0	-37.15	Peak	31.00	150	Horizontal	Pass
1**	1181.000	27.54	-18.37	54.0	-26.46	AV	31.00	150	Horizontal	Pass
2	1593.400	38.73	-17.80	74.0	-35.27	Peak	273.00	150	Horizontal	Pass
2**	1593.400	28.32	-17.80	54.0	-25.68	AV	273.00	150	Horizontal	Pass
3	4156.800	47.05	-5.12	74.0	-26.95	Peak	9.00	150	Horizontal	Pass
3**	4156.800	37.72	-5.12	54.0	-16.28	AV	9.00	150	Horizontal	Pass
4	5824.400	106.10	-2.75	--	20.10	Peak	86.00	150	Horizontal	N/A
4**	5824.400	97.76	-2.75	--	97.76	AV	86.00	150	Horizontal	N/A
5	7560.912	47.63	-1.79	74.0	-26.37	Peak	1.00	150	Horizontal	Pass
5**	7560.912	38.25	-1.79	54.0	-15.75	AV	1.00	150	Horizontal	Pass
6	12262.112	51.15	2.56	74.0	-22.85	Peak	214.00	150	Horizontal	Pass
6**	12262.112	41.68	2.56	54.0	-12.32	AV	214.00	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	1063.900	39.61	-18.60	74.0	-34.39	Peak	217.00	150	Vertical	Pass
1**	1063.900	28.94	-18.60	54.0	-25.06	AV	217.00	150	Vertical	Pass
2	1330.000	40.99	-17.70	74.0	-33.01	Peak	360.00	150	Vertical	Pass
2**	1330.000	30.98	-17.70	54.0	-23.02	AV	360.00	150	Vertical	Pass
3	4213.000	47.08	-4.90	74.0	-26.92	Peak	315.00	150	Vertical	Pass
3**	4213.000	37.90	-4.90	54.0	-16.10	AV	315.00	150	Vertical	Pass
4	5824.000	96.22	-2.75	--	27.22	Peak	69.00	150	Vertical	N/A
4**	5824.000	88.85	-2.75	--	88.85	AV	69.00	150	Vertical	N/A
5	7497.662	46.86	-1.86	74.0	-27.14	Peak	7.00	150	Vertical	Pass
5**	7497.662	37.58	-1.86	54.0	-16.42	AV	7.00	150	Vertical	Pass
6	12269.587	51.22	2.50	74.0	-22.78	Peak	88.00	150	Vertical	Pass
6**	12269.587	41.69	2.50	54.0	-12.31	AV	88.00	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	1079.200	36.73	-18.70	74.0	-37.27	Peak	322.00	150	Horizontal	Pass
1**	1079.200	27.06	-18.70	54.0	-26.94	AV	322.00	150	Horizontal	Pass
2	1584.700	38.01	-17.67	74.0	-35.99	Peak	360.00	150	Horizontal	Pass
2**	1584.700	28.88	-17.67	54.0	-25.12	AV	360.00	150	Horizontal	Pass
3	3922.800	46.48	-6.15	74.0	-27.52	Peak	302.00	150	Horizontal	Pass
3**	3922.800	36.71	-6.15	54.0	-17.29	AV	302.00	150	Horizontal	Pass
4	5752.800	102.99	-3.51	--	1.99	Peak	101.00	150	Horizontal	N/A
4**	5752.800	95.51	-3.51	--	95.51	AV	101.00	150	Horizontal	N/A
5	7614.100	47.53	-2.29	74.0	-26.47	Peak	177.00	150	Horizontal	Pass
5**	7614.100	37.48	-2.29	54.0	-16.52	AV	177.00	150	Horizontal	Pass
6	12202.025	51.52	2.56	74.0	-22.48	Peak	329.00	150	Horizontal	Pass
6**	12202.025	42.21	2.56	54.0	-11.79	AV	329.00	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	1063.100	39.49	-18.63	74.0	-34.51	Peak	201.00	150	Vertical	Pass
1**	1063.100	32.59	-18.63	54.0	-21.41	AV	201.00	150	Vertical	Pass
2	1329.500	41.88	-17.68	74.0	-32.12	Peak	0.00	150	Vertical	Pass
2**	1329.500	32.13	-17.68	54.0	-21.87	AV	0.00	150	Vertical	Pass
3	4177.600	47.13	-4.90	74.0	-26.87	Peak	208.00	150	Vertical	Pass
3**	4177.600	37.90	-4.90	54.0	-16.10	AV	208.00	150	Vertical	Pass
4	5753.200	92.71	-3.50	--	34.71	Peak	58.00	150	Vertical	N/A
4**	5753.200	85.50	-3.50	--	85.50	AV	58.00	150	Vertical	N/A
5	7416.013	47.53	-1.99	74.0	-26.47	Peak	216.00	150	Vertical	Pass
5**	7416.013	37.21	-1.99	54.0	-16.79	AV	216.00	150	Vertical	Pass
6	12208.062	51.20	2.57	74.0	-22.80	Peak	271.00	150	Vertical	Pass
6**	12208.062	42.26	2.57	54.0	-11.74	AV	271.00	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	1129.500	36.59	-18.37	74.0	-37.41	Peak	345.00	150	Horizontal	Pass
1**	1129.500	27.62	-18.37	54.0	-26.38	AV	345.00	150	Horizontal	Pass
2	1455.600	37.67	-17.62	74.0	-36.33	Peak	269.00	150	Horizontal	Pass
2**	1455.600	28.10	-17.62	54.0	-25.90	AV	269.00	150	Horizontal	Pass
3	4135.200	46.90	-5.56	74.0	-27.10	Peak	0.00	150	Horizontal	Pass
3**	4135.200	37.59	-5.56	54.0	-16.41	AV	0.00	150	Horizontal	Pass
4	5790.200	102.87	-2.88	--	17.87	Peak	85.00	150	Horizontal	N/A
4**	5790.200	95.87	-2.88	--	95.87	AV	85.00	150	Horizontal	N/A
5	7435.562	46.88	-2.31	74.0	-27.12	Peak	307.00	150	Horizontal	Pass
5**	7435.562	37.13	-2.31	54.0	-16.87	AV	307.00	150	Horizontal	Pass
6	11611.500	50.52	2.13	74.0	-23.48	Peak	246.00	150	Horizontal	Pass
6**	11611.500	41.13	2.13	54.0	-12.87	AV	246.00	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	1065.300	38.70	-18.60	74.0	-35.30	Peak	200.00	150	Vertical	Pass
1**	1065.300	28.08	-18.60	54.0	-25.92	AV	200.00	150	Vertical	Pass
2	1331.300	40.42	-17.72	74.0	-33.58	Peak	360.00	150	Vertical	Pass
2**	1331.300	29.80	-17.72	54.0	-24.20	AV	360.00	150	Vertical	Pass
3	3756.600	46.41	-6.76	74.0	-27.59	Peak	17.00	150	Vertical	Pass
3**	3756.600	36.76	-6.76	54.0	-17.24	AV	17.00	150	Vertical	Pass
4	5800.200	94.08	-2.69	--	86.08	Peak	8.00	150	Vertical	N/A
4**	5800.200	85.69	-2.69	--	85.69	AV	8.00	150	Vertical	N/A
5	7554.300	47.97	-1.56	74.0	-26.03	Peak	192.00	150	Vertical	Pass
5**	7554.300	37.94	-1.56	54.0	-16.06	AV	192.00	150	Vertical	Pass
6	11006.312	50.09	0.70	74.0	-23.91	Peak	277.00	150	Vertical	Pass
6**	11006.312	40.84	0.70	54.0	-13.16	AV	277.00	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	1147.300	37.11	-18.41	74.0	-36.89	Peak	259.00	150	Horizontal	Pass
1**	1147.300	26.68	-18.41	54.0	-27.32	AV	259.00	150	Horizontal	Pass
2	1538.500	37.66	-17.74	74.0	-36.34	Peak	135.00	150	Horizontal	Pass
2**	1538.500	28.52	-17.74	54.0	-25.48	AV	135.00	150	Horizontal	Pass
3	4306.400	48.08	-4.95	74.0	-25.92	Peak	287.00	150	Horizontal	Pass
3**	4306.400	38.20	-4.95	54.0	-15.80	AV	287.00	150	Horizontal	Pass
4	5739.800	103.93	-3.57	--	22.93	Peak	81.00	150	Horizontal	N/A
4**	5739.800	95.26	-3.57	--	95.26	AV	81.00	150	Horizontal	N/A
5	7554.013	47.77	-1.56	74.0	-26.23	Peak	150.00	150	Horizontal	Pass
5**	7554.013	38.73	-1.56	54.0	-15.27	AV	150.00	150	Horizontal	Pass
6	11492.187	50.59	0.93	74.0	-23.41	Peak	150.00	150	Horizontal	Pass
6**	11492.187	40.72	0.93	54.0	-13.28	AV	150.00	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	1064.500	39.71	-18.58	74.0	-34.29	Peak	201.00	150	Vertical	Pass
1**	1064.500	30.52	-18.58	54.0	-23.48	AV	201.00	150	Vertical	Pass
2	1329.100	40.65	-17.67	74.0	-33.35	Peak	0.00	150	Vertical	Pass
2**	1329.100	27.83	-17.67	54.0	-26.17	AV	0.00	150	Vertical	Pass
3	4198.200	48.34	-5.25	74.0	-25.66	Peak	149.00	150	Vertical	Pass
3**	4198.200	38.32	-5.25	54.0	-15.68	AV	149.00	150	Vertical	Pass
4	5743.200	94.11	-3.60	--	-254.89	Peak	349.00	150	Vertical	N/A
4**	5743.200	86.60	-3.60	--	86.60	AV	349.00	150	Vertical	N/A
5	7545.388	47.03	-1.59	74.0	-26.97	Peak	87.00	150	Vertical	Pass
5**	7545.388	38.48	-1.59	54.0	-15.52	AV	87.00	150	Vertical	Pass
6	11652.612	51.04	2.55	74.0	-22.96	Peak	102.00	150	Vertical	Pass
6**	11652.612	41.28	2.55	54.0	-12.72	AV	102.00	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	1141.100	36.68	-18.38	74.0	-37.32	Peak	207.00	150	Horizontal	Pass
1**	1141.100	26.90	-18.38	54.0	-27.10	AV	207.00	150	Horizontal	Pass
2	1515.200	38.55	-17.77	74.0	-35.45	Peak	146.00	150	Horizontal	Pass
2**	1515.200	28.64	-17.77	54.0	-25.36	AV	146.00	150	Horizontal	Pass
3	4111.000	47.63	-5.41	74.0	-26.37	Peak	244.00	150	Horizontal	Pass
3**	4111.000	37.17	-5.41	54.0	-16.83	AV	244.00	150	Horizontal	Pass
4	5786.000	103.64	-3.00	--	25.64	Peak	78.00	150	Horizontal	N/A
4**	5786.000	96.24	-3.00	--	96.24	AV	78.00	150	Horizontal	N/A
5	7550.562	47.57	-1.60	74.0	-26.43	Peak	360.00	150	Horizontal	Pass
5**	7550.562	39.70	-1.60	54.0	-14.30	AV	360.00	150	Horizontal	Pass
6	12202.599	51.65	2.56	74.0	-22.35	Peak	360.00	150	Horizontal	Pass
6**	12202.599	43.18	2.56	54.0	-10.82	AV	360.00	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	1067.100	39.67	-18.69	74.0	-34.33	Peak	201.00	150	Vertical	Pass
1**	1067.100	26.25	-18.69	54.0	-27.75	AV	201.00	150	Vertical	Pass
2	1332.600	40.87	-17.75	74.0	-33.13	Peak	0.00	150	Vertical	Pass
2**	1332.600	28.42	-17.75	54.0	-25.58	AV	0.00	150	Vertical	Pass
3	4350.400	48.32	-4.87	74.0	-25.68	Peak	301.00	150	Vertical	Pass
3**	4350.400	37.66	-4.87	54.0	-16.34	AV	301.00	150	Vertical	Pass
4	5786.000	94.76	-3.00	--	-253.24	Peak	348.00	150	Vertical	N/A
4**	5786.000	86.73	-3.00	--	86.73	AV	348.00	150	Vertical	N/A
5	7459.713	47.67	-2.17	74.0	-26.33	Peak	305.00	150	Vertical	Pass
5**	7459.713	37.60	-2.17	54.0	-16.40	AV	305.00	150	Vertical	Pass
6	12141.362	50.65	1.80	74.0	-23.35	Peak	305.00	150	Vertical	Pass
6**	12141.362	40.72	1.80	54.0	-13.28	AV	305.00	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	1140.800	36.65	-18.38	74.0	-37.35	Peak	278.00	150	Horizontal	Pass
1**	1140.800	27.41	-18.38	54.0	-26.59	AV	278.00	150	Horizontal	Pass
2	1487.700	37.90	-17.73	74.0	-36.10	Peak	232.00	150	Horizontal	Pass
2**	1487.700	28.57	-17.73	54.0	-25.43	AV	232.00	150	Horizontal	Pass
3	4312.800	47.94	-5.01	74.0	-26.06	Peak	360.00	150	Horizontal	Pass
3**	4312.800	38.52	-5.01	54.0	-15.48	AV	360.00	150	Horizontal	Pass
4	5823.400	102.95	-2.75	--	17.95	Peak	85.00	150	Horizontal	N/A
4**	5823.400	95.79	-2.75	--	95.79	AV	85.00	150	Horizontal	N/A
5	7562.062	47.23	-1.82	74.0	-26.77	Peak	261.00	150	Horizontal	Pass
5**	7562.062	38.30	-1.82	54.0	-15.70	AV	261.00	150	Horizontal	Pass
6	10959.450	50.37	0.37	74.0	-23.63	Peak	325.00	150	Horizontal	Pass
6**	10959.450	39.69	0.37	54.0	-14.31	AV	325.00	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	1064.300	40.27	-18.59	74.0	-33.73	Peak	219.00	150	Vertical	Pass
1**	1064.300	29.72	-18.59	54.0	-24.28	AV	219.00	150	Vertical	Pass
2	1328.600	40.21	-17.66	74.0	-33.79	Peak	360.00	150	Vertical	Pass
2**	1328.600	30.69	-17.66	54.0	-23.31	AV	360.00	150	Vertical	Pass
3	4214.600	47.99	-4.86	74.0	-26.01	Peak	37.00	150	Vertical	Pass
3**	4214.600	38.73	-4.86	54.0	-15.27	AV	37.00	150	Vertical	Pass
4	5826.400	94.30	-2.74	--	26.30	Peak	68.00	150	Vertical	N/A
4**	5826.400	86.74	-2.74	--	86.74	AV	68.00	150	Vertical	N/A
5	7644.287	47.63	-2.32	74.0	-26.37	Peak	282.00	150	Vertical	Pass
5**	7644.287	36.66	-2.32	54.0	-17.34	AV	282.00	150	Vertical	Pass
6	11990.425	50.70	1.01	74.0	-23.30	Peak	61.00	150	Vertical	Pass
6**	11990.425	41.06	1.01	54.0	-12.94	AV	61.00	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	1142.800	37.30	-18.38	74.0	-36.70	Peak	125.00	150	Horizontal	Pass
1**	1142.800	26.81	-18.38	54.0	-27.19	AV	125.00	150	Horizontal	Pass
2	1579.400	38.42	-17.52	74.0	-35.58	Peak	0.00	150	Horizontal	Pass
2**	1579.400	28.96	-17.52	54.0	-25.04	AV	0.00	150	Horizontal	Pass
3	4190.400	47.27	-5.29	74.0	-26.73	Peak	0.00	150	Horizontal	Pass
3**	4190.400	38.21	-5.29	54.0	-15.79	AV	0.00	150	Horizontal	Pass
4	5749.800	99.47	-3.59	--	15.47	Peak	84.00	150	Horizontal	N/A
4**	5749.800	92.29	-3.59	--	92.29	AV	84.00	150	Horizontal	N/A
5	7556.313	47.14	-1.65	74.0	-26.86	Peak	10.00	150	Horizontal	Pass
5**	7556.313	38.87	-1.65	54.0	-15.13	AV	10.00	150	Horizontal	Pass
6	12079.549	50.63	1.34	74.0	-23.37	Peak	178.00	150	Horizontal	Pass
6**	12079.549	40.27	1.34	54.0	-13.73	AV	178.00	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	1064.600	39.08	-18.58	74.0	-34.92	Peak	204.00	150	Vertical	Pass
1**	1064.600	28.34	-18.58	54.0	-25.66	AV	204.00	150	Vertical	Pass
2	1327.400	40.52	-17.65	74.0	-33.48	Peak	360.00	150	Vertical	Pass
2**	1327.400	28.61	-17.65	54.0	-25.39	AV	360.00	150	Vertical	Pass
3	4168.000	47.45	-4.92	74.0	-26.55	Peak	356.00	150	Vertical	Pass
3**	4168.000	38.05	-4.92	54.0	-15.95	AV	356.00	150	Vertical	Pass
4	5756.600	89.64	-3.51	--	33.64	Peak	56.00	150	Vertical	N/A
4**	5756.600	82.05	-3.51	--	82.05	AV	56.00	150	Vertical	N/A
5	7537.050	47.90	-1.71	74.0	-26.10	Peak	259.00	150	Vertical	Pass
5**	7537.050	38.85	-1.71	54.0	-15.15	AV	259.00	150	Vertical	Pass
6	11593.099	50.47	1.92	74.0	-23.53	Peak	196.00	150	Vertical	Pass
6**	11593.099	41.33	1.92	54.0	-12.67	AV	196.00	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	1166.500	36.97	-18.52	74.0	-37.03	Peak	51.00	150	Horizontal	Pass
1**	1166.500	26.84	-18.52	54.0	-27.16	AV	51.00	150	Horizontal	Pass
2	1569.600	38.05	-17.59	74.0	-35.95	Peak	311.00	150	Horizontal	Pass
2**	1569.600	28.39	-17.59	54.0	-25.61	AV	311.00	150	Horizontal	Pass
3	4129.800	47.11	-5.64	74.0	-26.89	Peak	93.00	150	Horizontal	Pass
3**	4129.800	37.70	-5.64	54.0	-16.30	AV	93.00	150	Horizontal	Pass
4	5799.600	98.90	-2.69	--	13.90	Peak	85.00	150	Horizontal	N/A
4**	5799.600	91.80	-2.69	--	91.80	AV	85.00	150	Horizontal	N/A
5	7565.225	47.23	-1.92	74.0	-26.77	Peak	0.00	150	Horizontal	Pass
5**	7565.225	38.75	-1.92	54.0	-15.25	AV	0.00	150	Horizontal	Pass
6	10949.387	50.13	0.29	74.0	-23.87	Peak	322.00	150	Horizontal	Pass
6**	10949.387	40.01	0.29	54.0	-13.99	AV	322.00	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	1064.500	39.23	-18.58	74.0	-34.77	Peak	210.00	150	Vertical	Pass
1**	1064.500	28.56	-18.58	54.0	-25.44	AV	210.00	150	Vertical	Pass
2	1327.900	40.21	-17.65	74.0	-33.79	Peak	0.00	150	Vertical	Pass
2**	1327.900	30.07	-17.65	54.0	-23.93	AV	0.00	150	Vertical	Pass
3	4015.200	46.30	-5.77	74.0	-27.70	Peak	77.00	150	Vertical	Pass
3**	4015.200	37.67	-5.77	54.0	-16.33	AV	77.00	150	Vertical	Pass
4	5797.800	89.97	-2.71	--	-258.03	Peak	348.00	150	Vertical	N/A
4**	5797.800	82.52	-2.71	--	82.52	AV	348.00	150	Vertical	N/A
5	7403.362	47.30	-1.66	74.0	-26.70	Peak	134.00	150	Vertical	Pass
5**	7403.362	36.96	-1.66	54.0	-17.04	AV	134.00	150	Vertical	Pass
6	11637.375	50.80	2.42	74.0	-23.20	Peak	228.00	150	Vertical	Pass
6**	11637.375	41.91	2.42	54.0	-12.09	AV	228.00	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	1197.000	37.52	-18.19	74.0	-36.48	Peak	175.00	150	Horizontal	Pass
1**	1197.000	28.15	-18.19	54.0	-25.85	AV	175.00	150	Horizontal	Pass
2	1562.200	37.96	-17.66	74.0	-36.04	Peak	163.00	150	Horizontal	Pass
2**	1562.200	28.64	-17.66	54.0	-25.36	AV	163.00	150	Horizontal	Pass
3	4176.800	47.38	-4.88	74.0	-26.62	Peak	94.00	150	Horizontal	Pass
3**	4176.800	37.47	-4.88	54.0	-16.53	AV	94.00	150	Horizontal	Pass
4	5761.200	95.62	-3.47	--	18.62	Peak	77.00	150	Horizontal	N/A
4**	5761.200	87.36	-3.47	--	87.36	AV	77.00	150	Horizontal	N/A
5	7522.387	46.94	-1.61	74.0	-27.06	Peak	229.00	150	Horizontal	Pass
5**	7522.387	37.95	-1.61	54.0	-16.05	AV	229.00	150	Horizontal	Pass
6	12223.300	51.56	2.61	74.0	-22.44	Peak	118.00	150	Horizontal	Pass
6**	12223.300	42.77	2.61	54.0	-11.23	AV	118.00	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	1061.800	38.97	-18.64	74.0	-35.03	Peak	193.00	150	Vertical	Pass
1**	1061.800	28.36	-18.64	54.0	-25.64	AV	193.00	150	Vertical	Pass
2	1328.800	40.39	-17.67	74.0	-33.61	Peak	20.00	150	Vertical	Pass
2**	1328.800	30.02	-17.67	54.0	-23.98	AV	20.00	150	Vertical	Pass
3	4002.600	46.86	-5.64	74.0	-27.14	Peak	329.00	150	Vertical	Pass
3**	4002.600	36.41	-5.64	54.0	-17.59	AV	329.00	150	Vertical	Pass
4	5760.600	86.21	-3.48	--	25.21	Peak	61.00	150	Vertical	N/A
4**	5760.600	77.95	-3.48	--	77.95	AV	61.00	150	Vertical	N/A
5	7552.862	47.46	-1.56	74.0	-26.54	Peak	89.00	150	Vertical	Pass
5**	7552.862	38.31	-1.56	54.0	-15.69	AV	89.00	150	Vertical	Pass
6	12220.425	50.96	2.60	74.0	-23.04	Peak	41.00	150	Vertical	Pass
6**	12220.425	41.69	2.60	54.0	-12.31	AV	41.00	150	Vertical	Pass

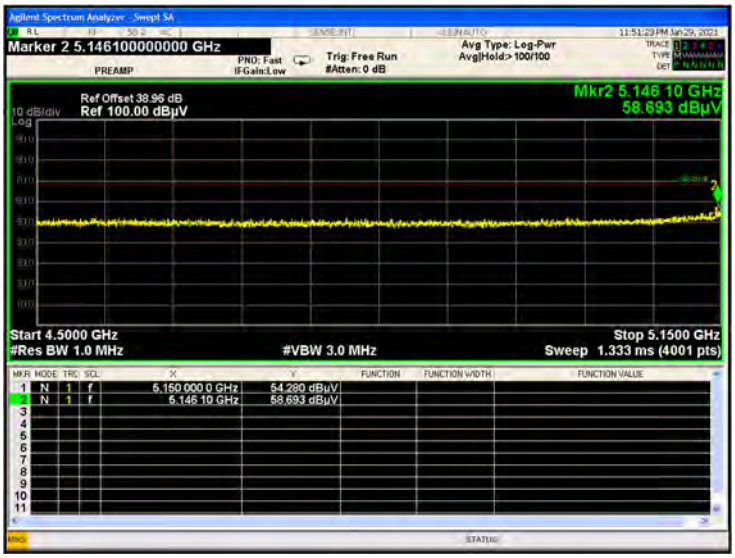
A.6.2 Band Edge (Restricted-band)

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

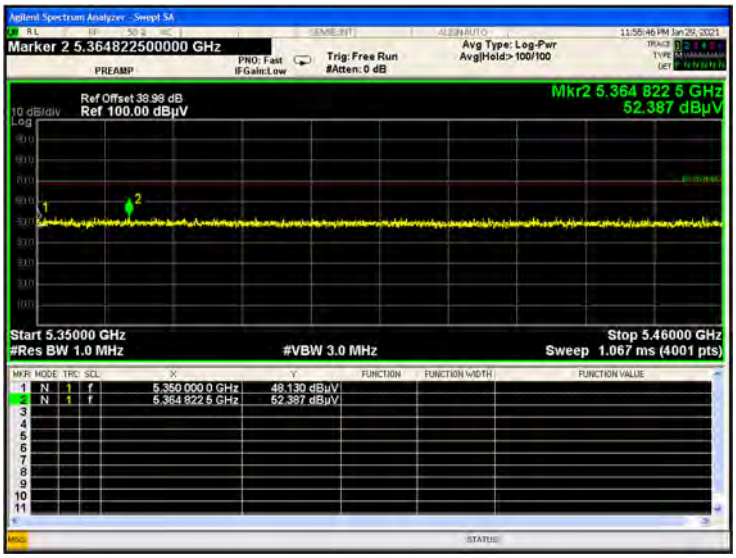
	802.11ac(VHT80)	Middle	Pass

Test Plots

U-NII-1 11a CH36 Peak



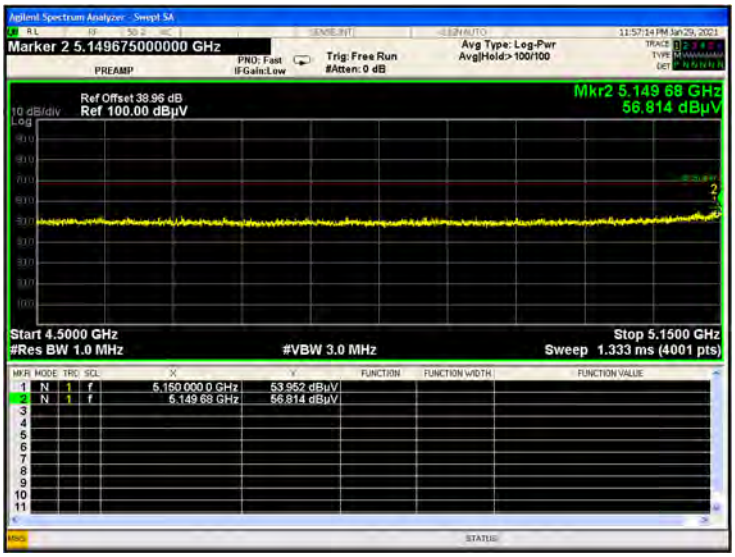
U-NII-1 11a CH48 Peak



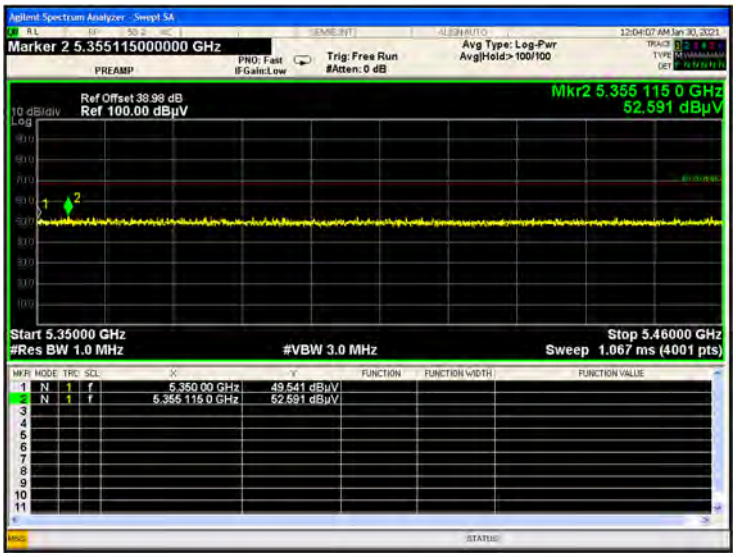
U-NII-1 11a CH36 AV

U-NII-1 11a CH36 AV

U-NII-1 11n20 CH36 Peak

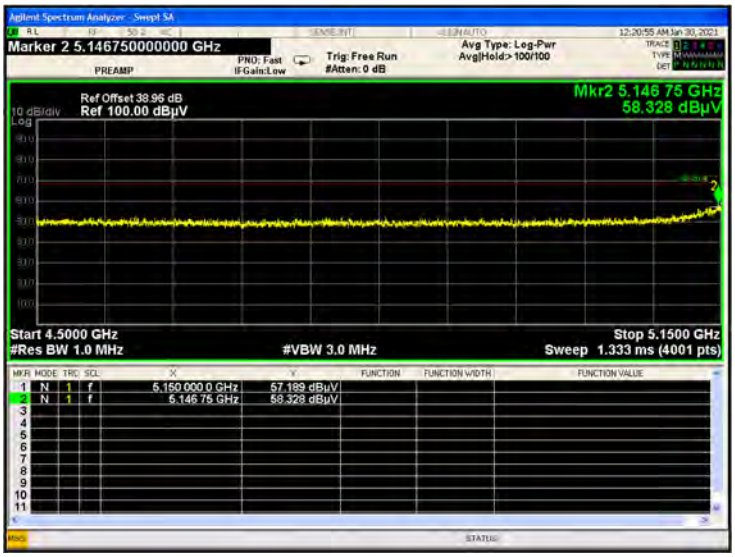


U-NII-1 11n20 CH48 Peak

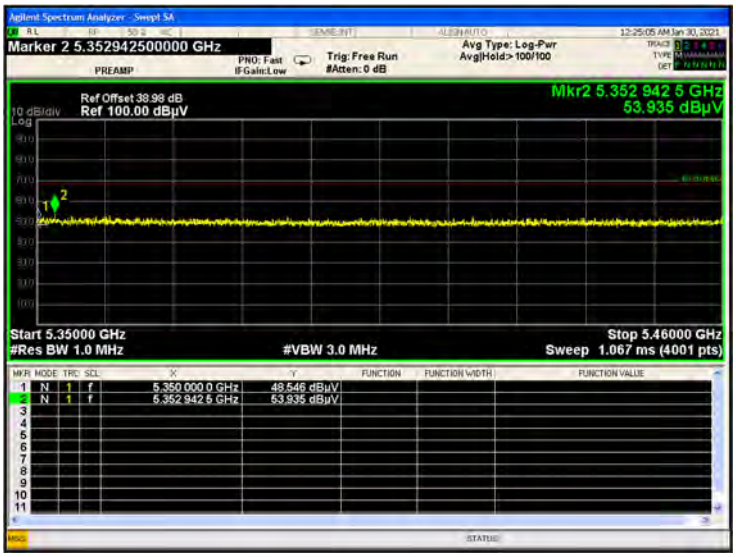


U-NII-1 11n20 CH36 AV

U-NII-1 11n40 CH38 Peak



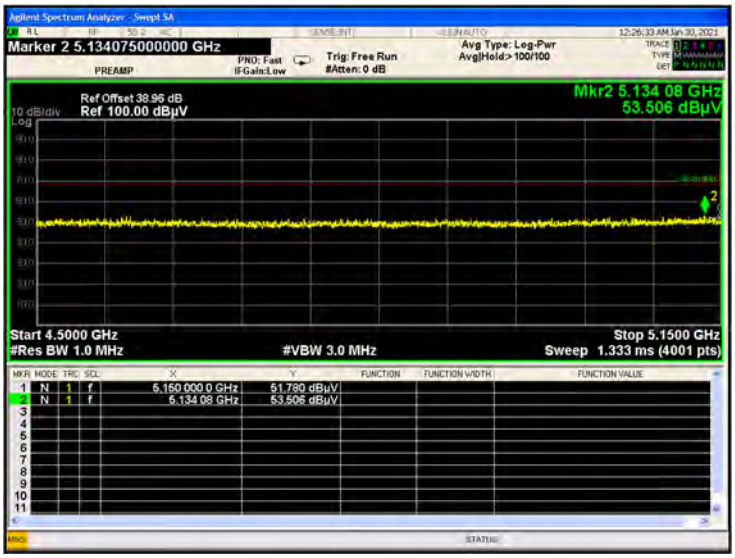
U-NII-1 11n40 CH46 Peak



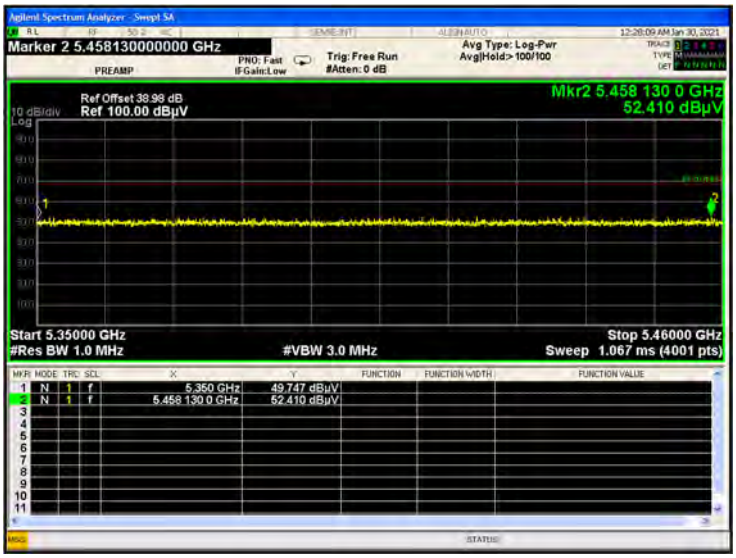
U-NII-1 11n40 CH38 AV

U-NII-1 11n40 CH38 AV

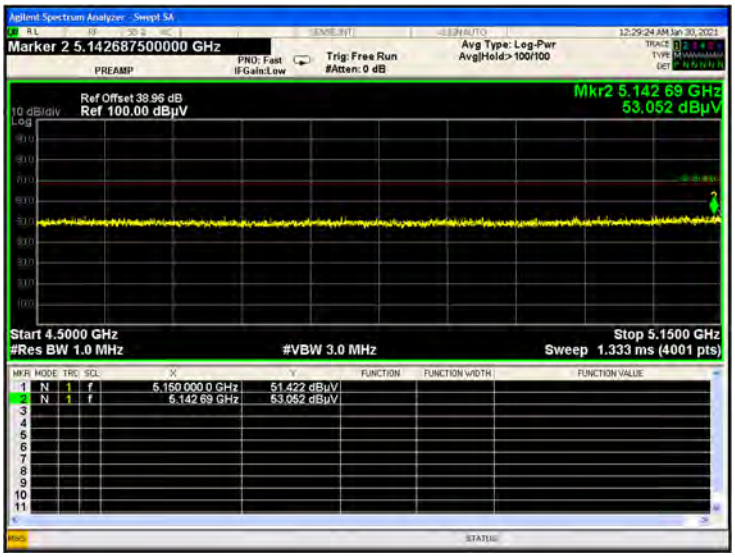
U-NII-1 11ac20 CH36 Peak



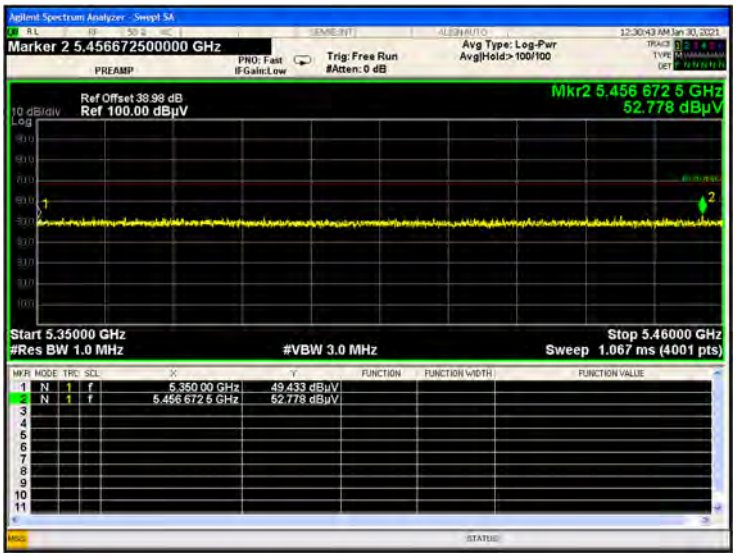
U-NII-1 11ac20 CH48 Peak



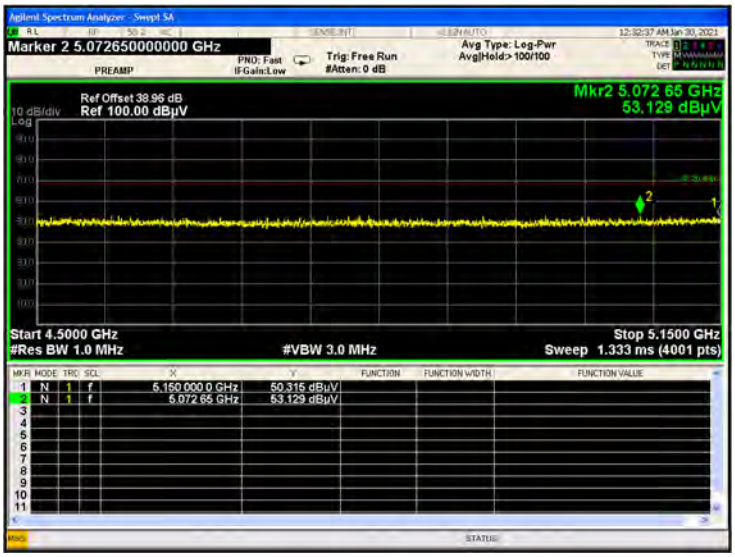
U-NII-1 11ac40 CH38 Peak



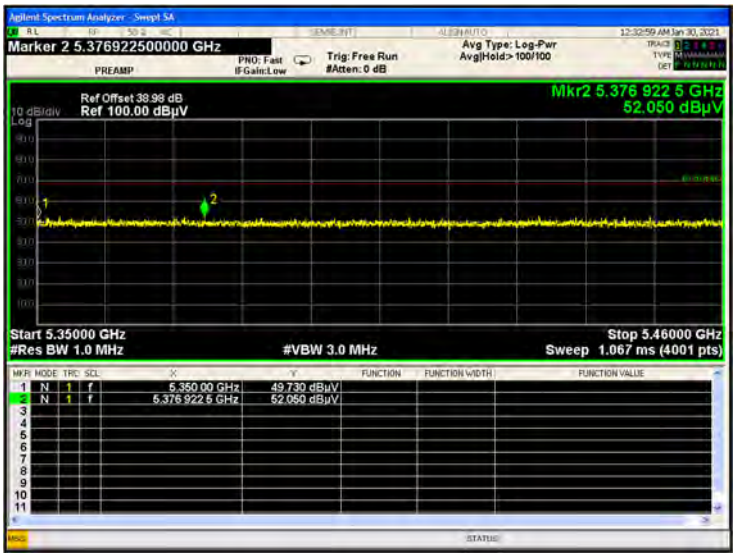
U-NII-1 11ac40 CH46 Peak



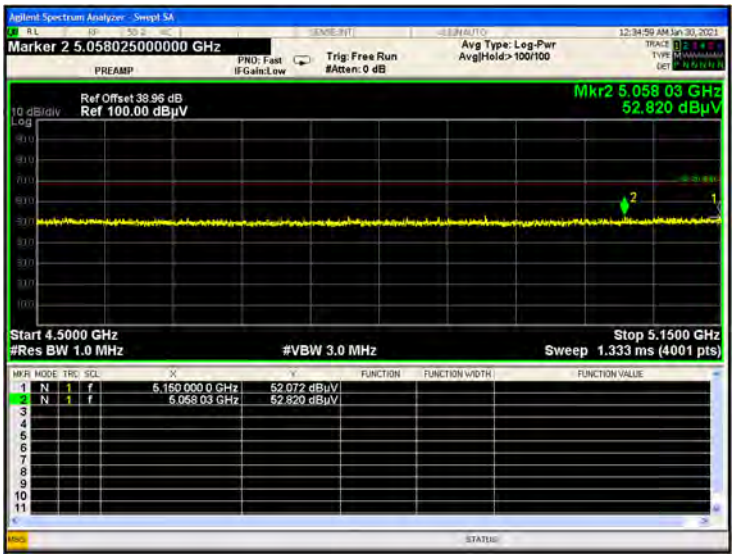
U-NII-1 11ac80 CH42 Peak



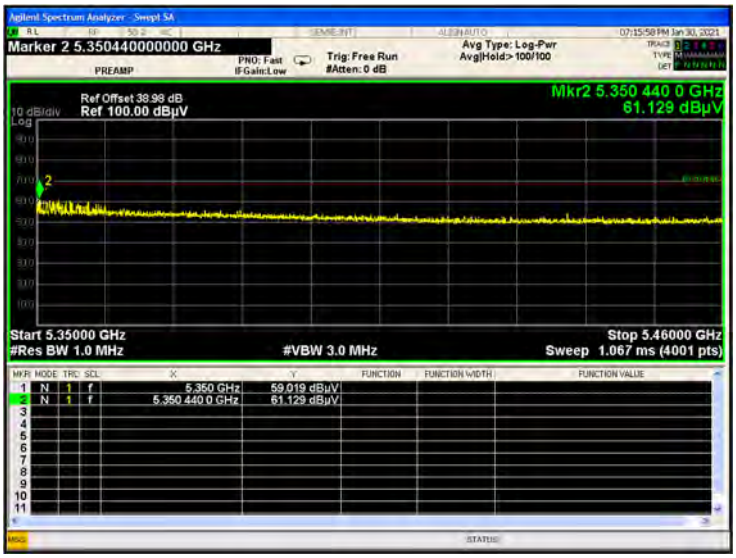
U-NII-1 11ac80 CH42 Peak



U-NII-2A 11a CH52 Peak



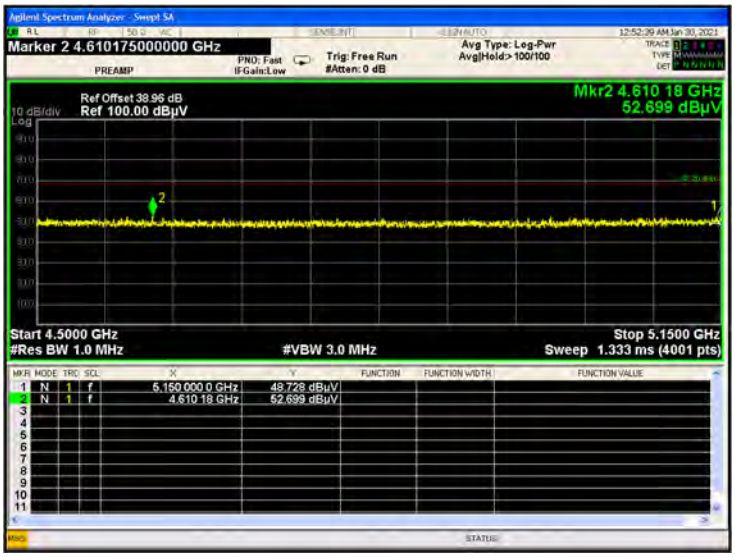
U-NII-2A 11a CH64 Peak



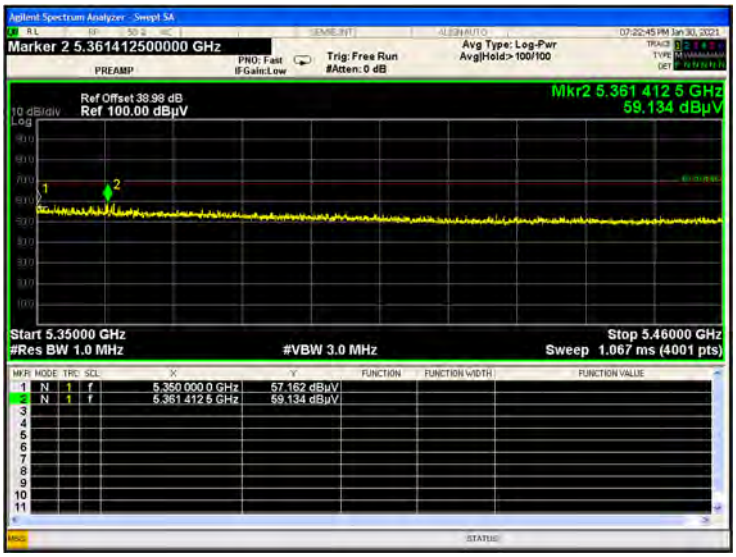
U-NII-2A 11a CH64 AV

U-NII-2A 11a CH64 AV

U-NII-2A 11n20 CH52 Peak



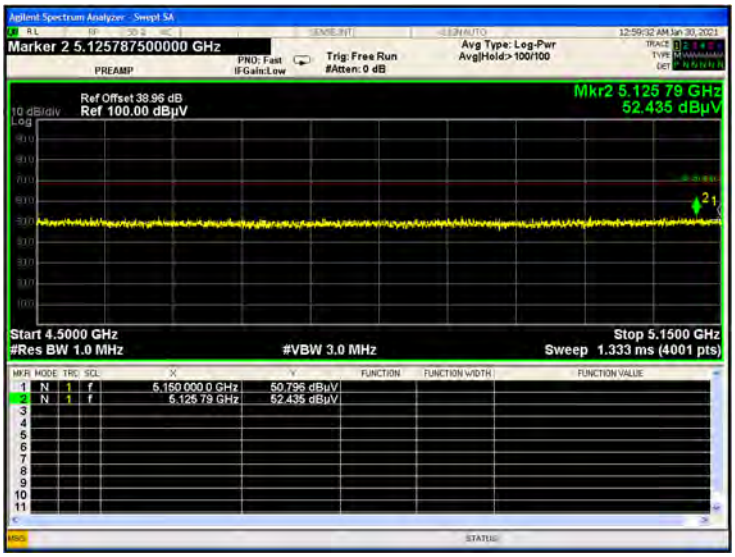
U-NII-2A 11n20 CH64 Peak



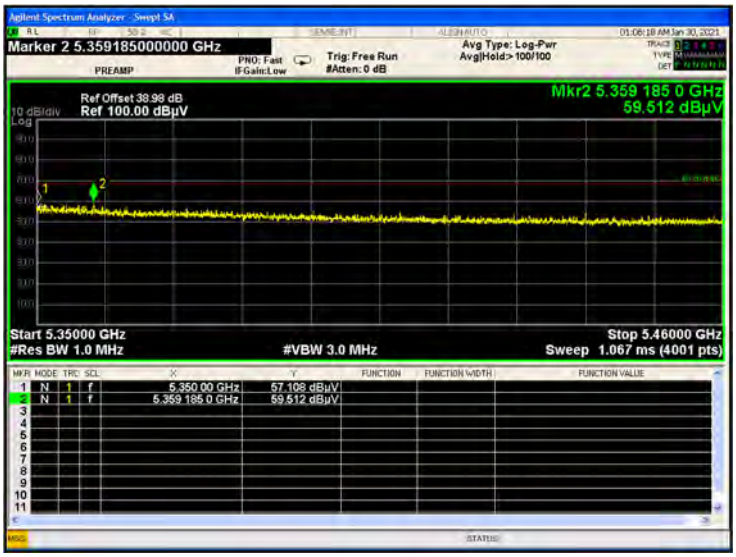
U-NII-2A 11n20 CH64 AV

U-NII-2A 11n20 CH64 AV

U-NII-2A 11n40 CH54 Peak



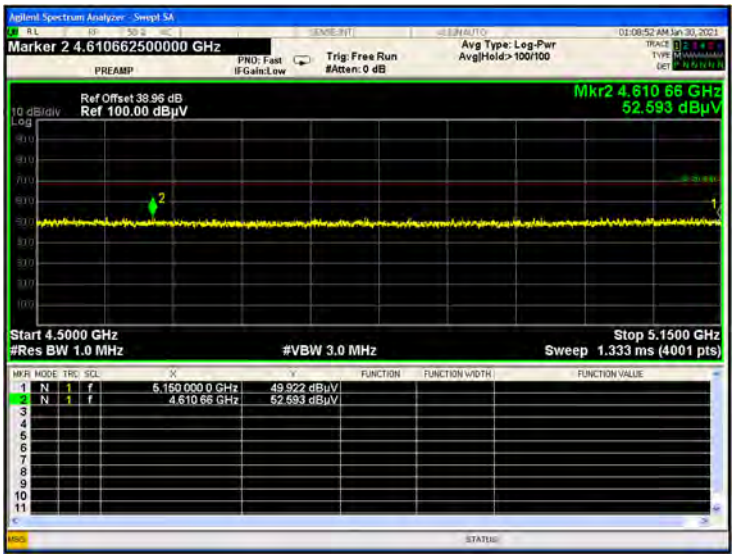
U-NII-2A 11n40 CH62 Peak



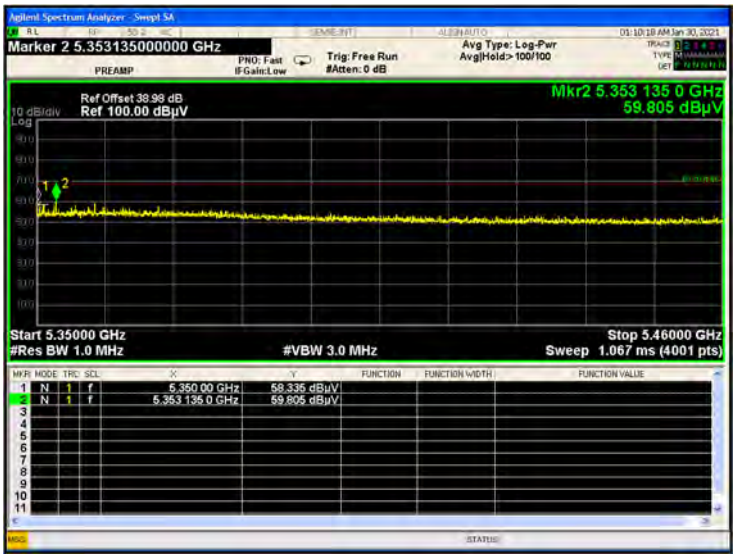
U-NII-2A 11n40 CH62 AV

U-NII-2A 11n40 CH62 AV

U-NII-2A 11ac20 CH52 Peak



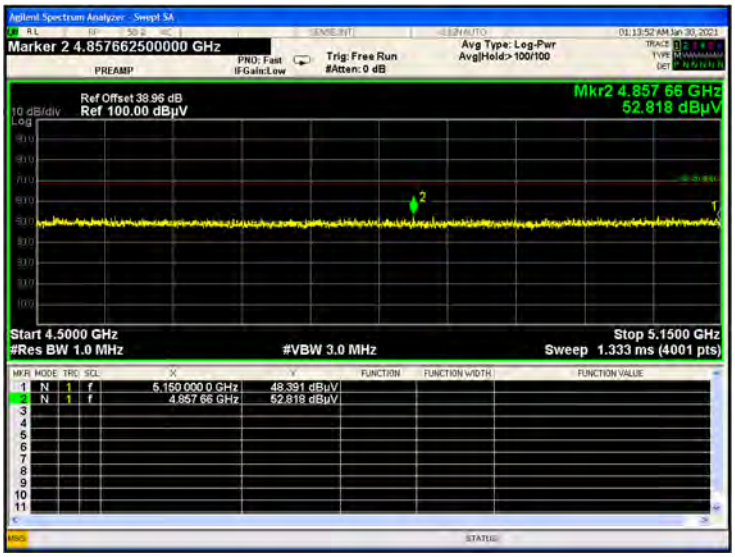
U-NII-2A 11ac20 CH64 Peak



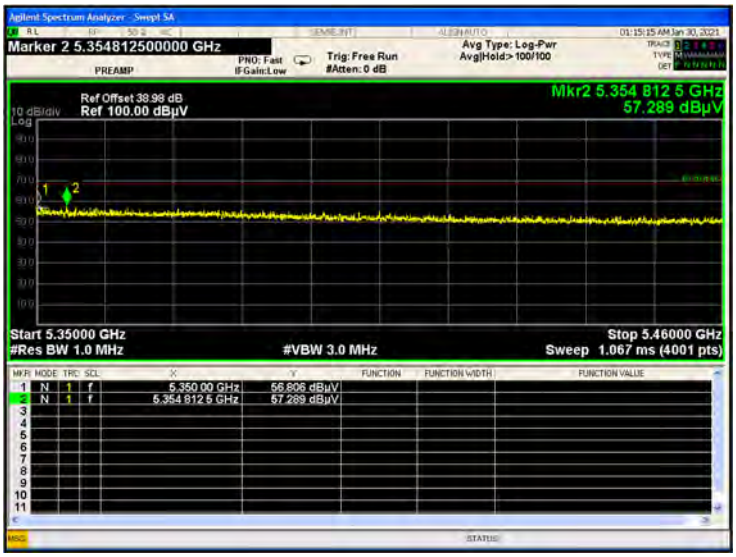
U-NII-2A 11ac20 CH64 AV

U-NII-2A 11ac20 CH64 AV

U-NII-2A 11ac40 CH54 Peak



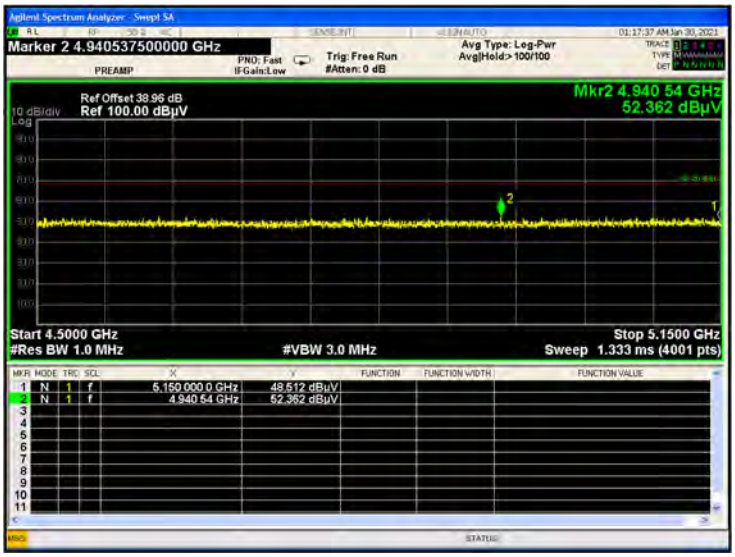
U-NII-2A 11ac40 CH62 Peak



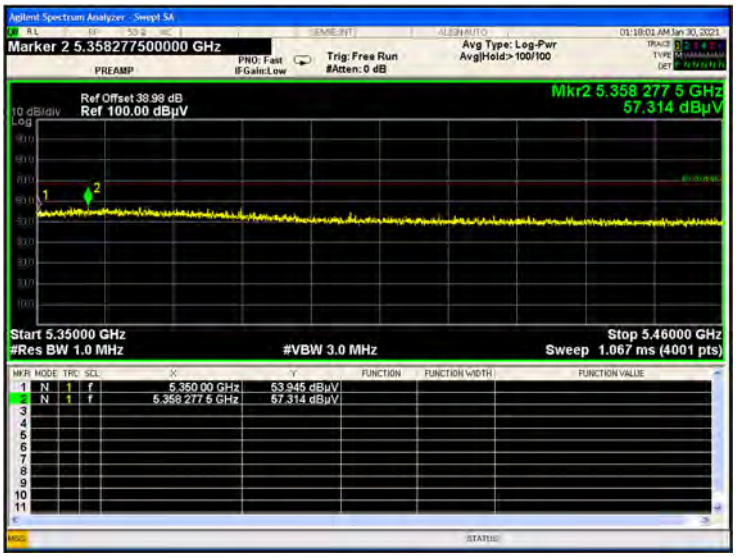
U-NII-2A 11ac40 CH62 AV

U-NII-2A 11ac40 CH62 AV

U-NII-2A 11ac80 CH58 Peak

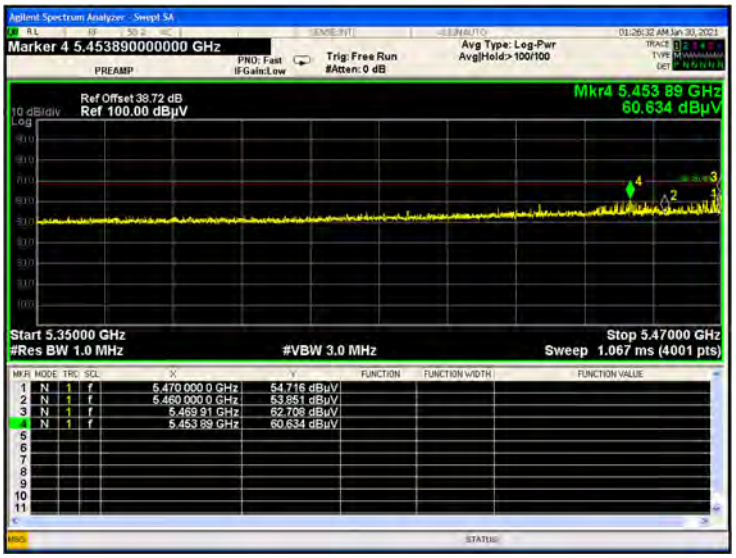


U-NII-2A 11ac80 CH58 Peak

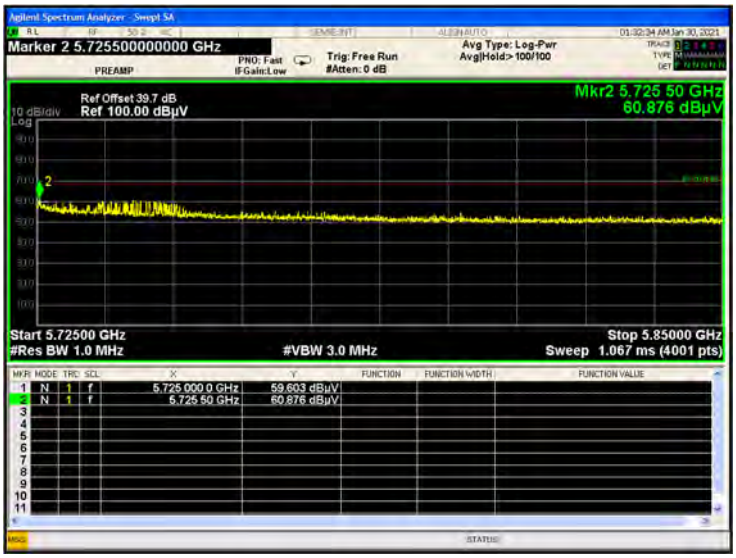


U-NII-2A 11ac80 CH58 AV

U-NII-2C 11a CH100 Peak



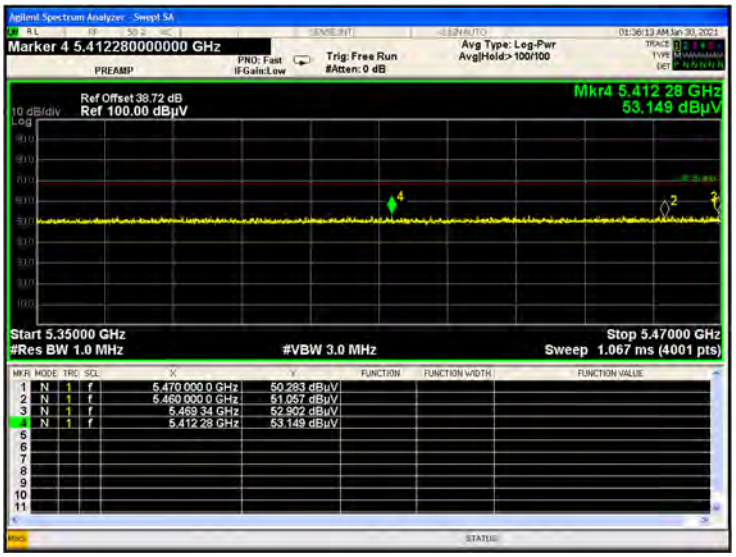
U-NII-2C 11a CH140 Peak



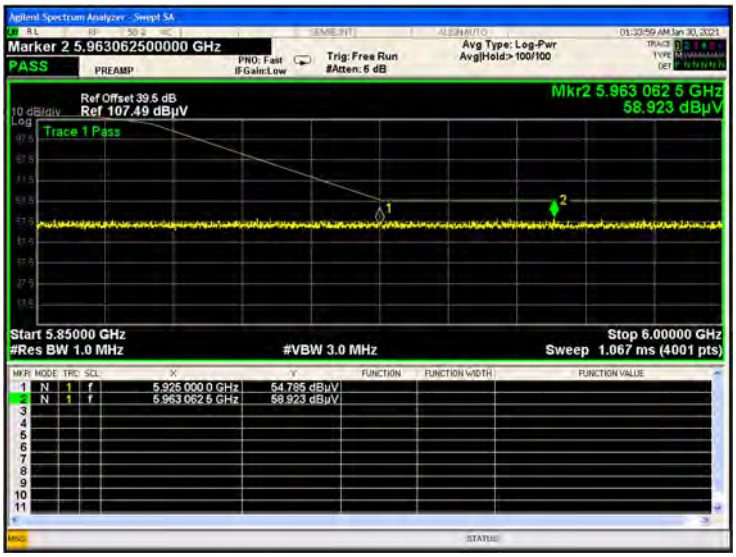
U-NII-2C 11a CH100 AV

U-NII-2C 11a CH100 AV

U-NII-2C 11a CH144 Peak

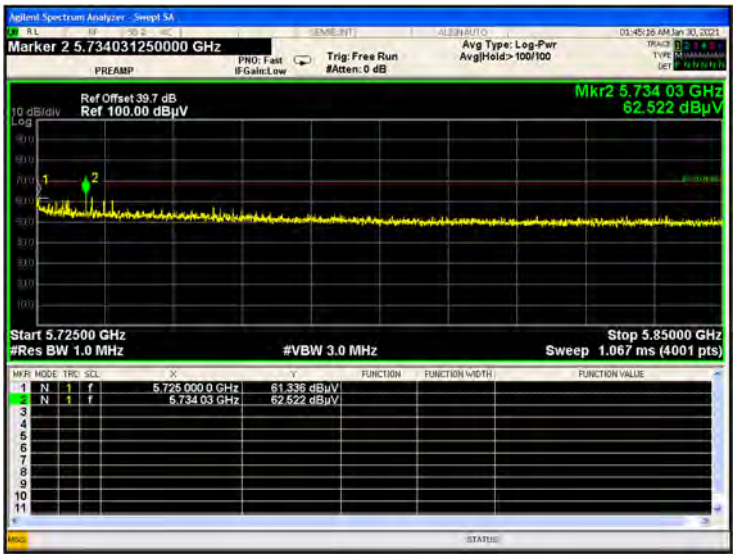


U-NII-2C 11a CH144 Peak



U-NII-2C 11n20 CH100 Peak

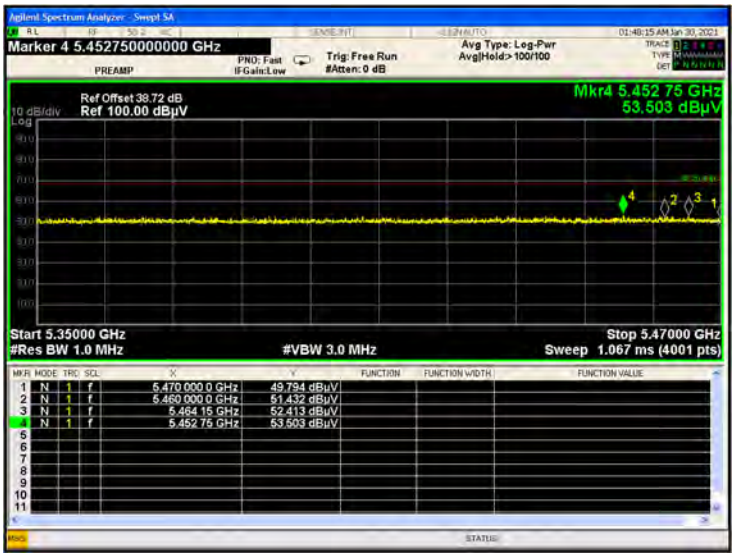
U-NII-2C 11n20 CH140 Peak



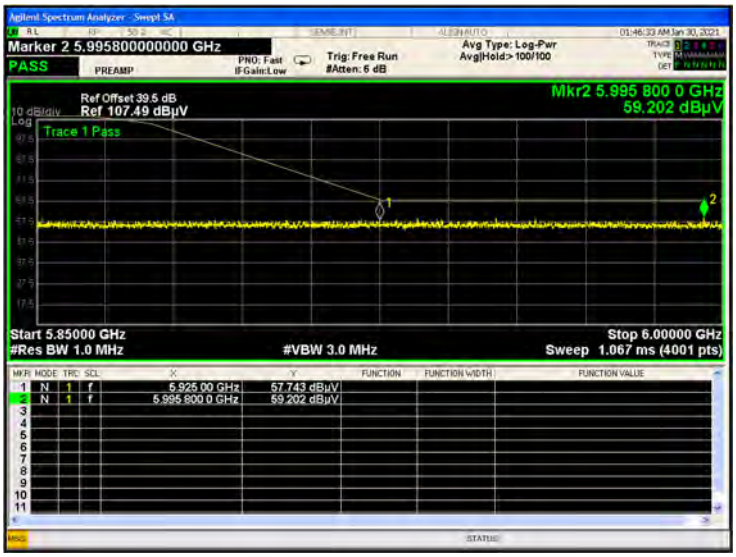
U-NII-2C 11n20 CH100 AV

U-NII-2C 11n20 CH100 AV

U-NII-2C 11n20 CH144 Peak

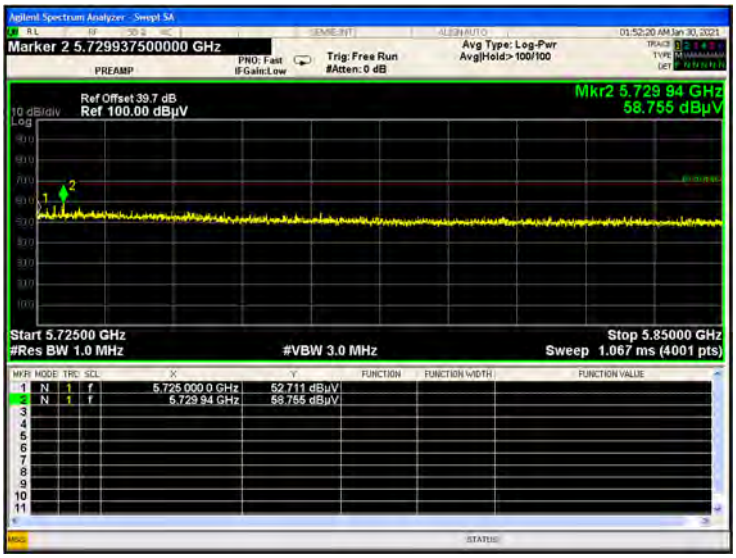


U-NII-2C 11n20 CH144 Peak



U-NII-2C 11n40 CH102 Peak

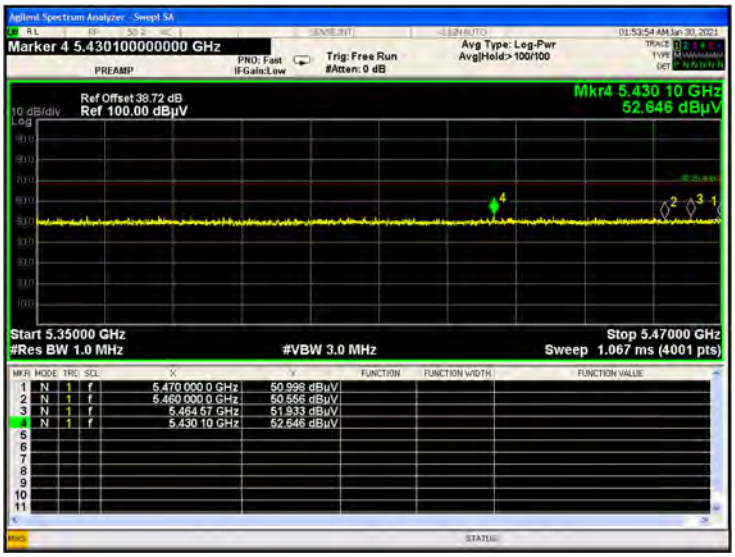
U-NII-2C 11n40 CH134 Peak



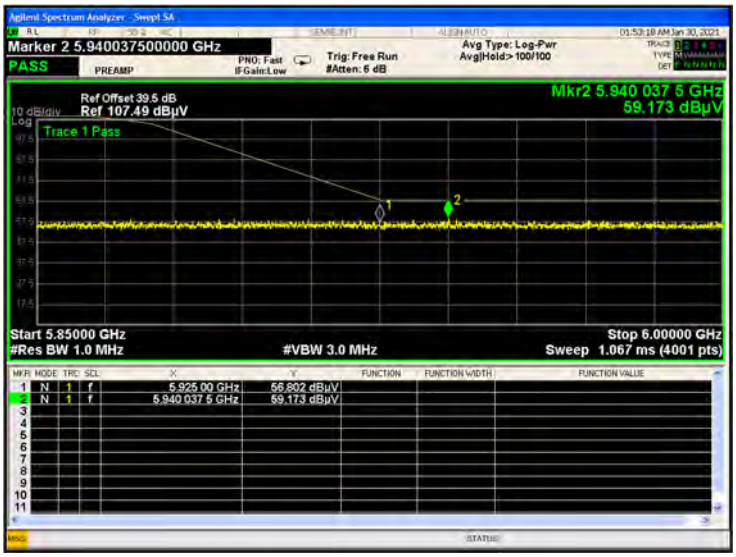
U-NII-2C 11n40 CH102 AV

U-NII-2C 11n40 CH102 AV

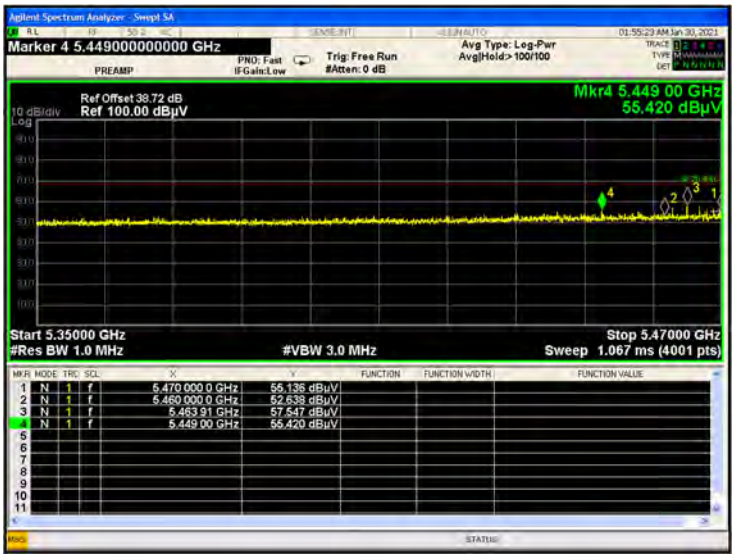
U-NII-2C 11n40 CH142 Peak



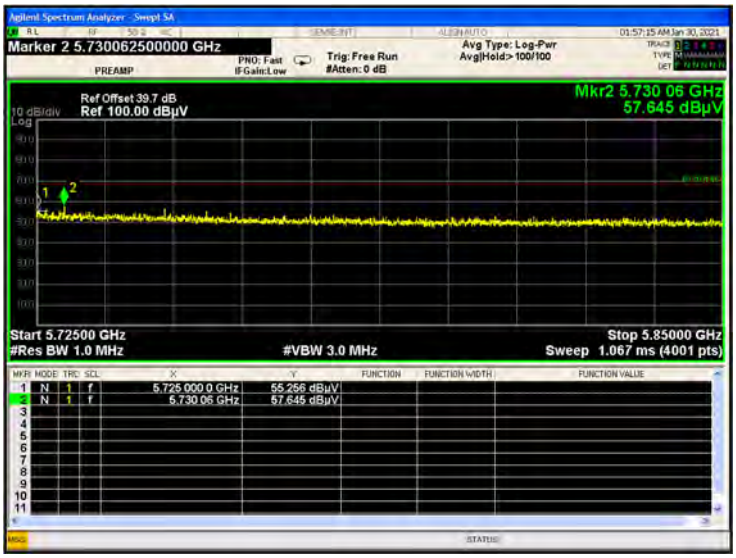
U-NII-2C 11n40 CH142 Peak



U-NII-2C 11ac20 CH100 Peak

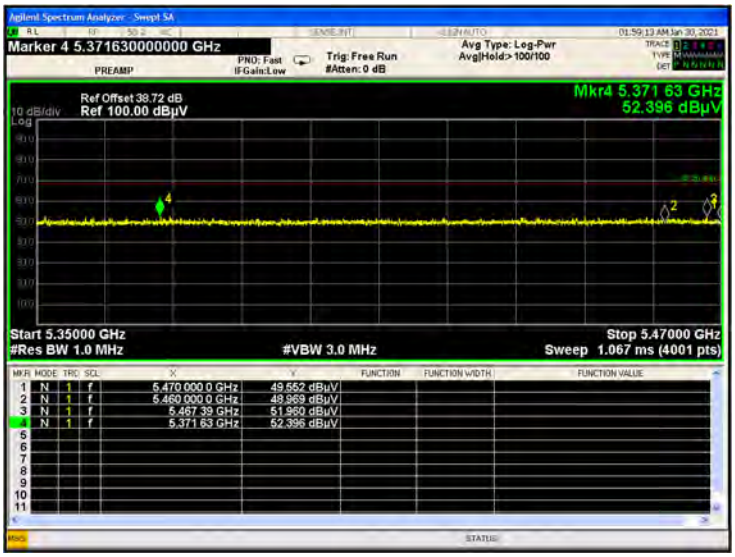


U-NII-2C 11ac20 CH140 Peak



U-NII-2C 11ac20 CH100 AV

U-NII-2C 11ac20 CH144 Peak



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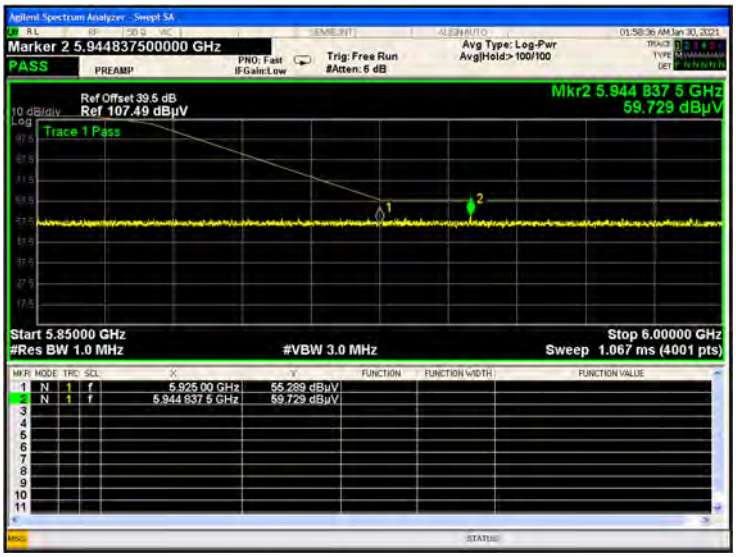

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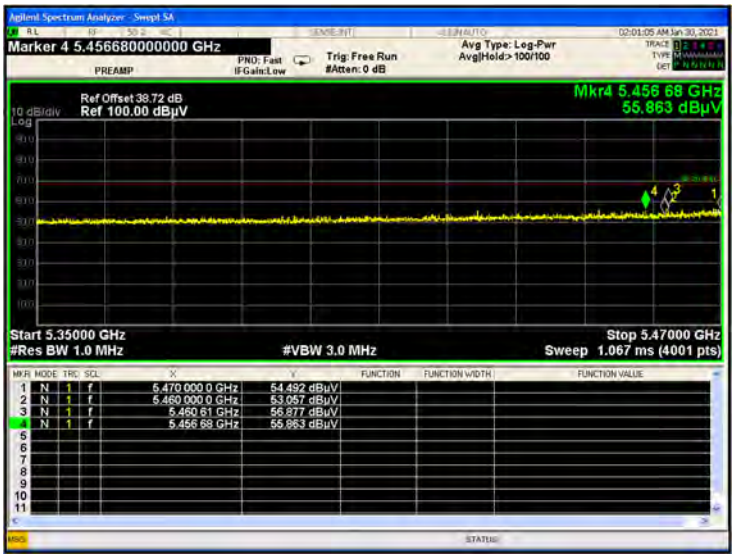

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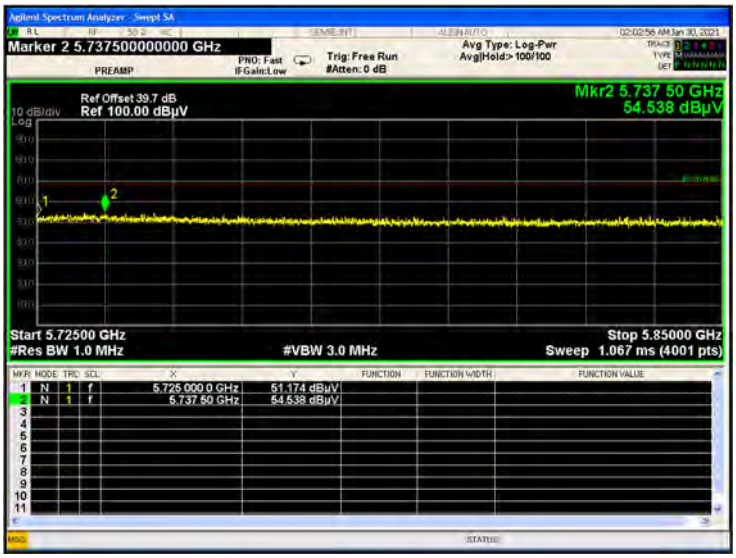
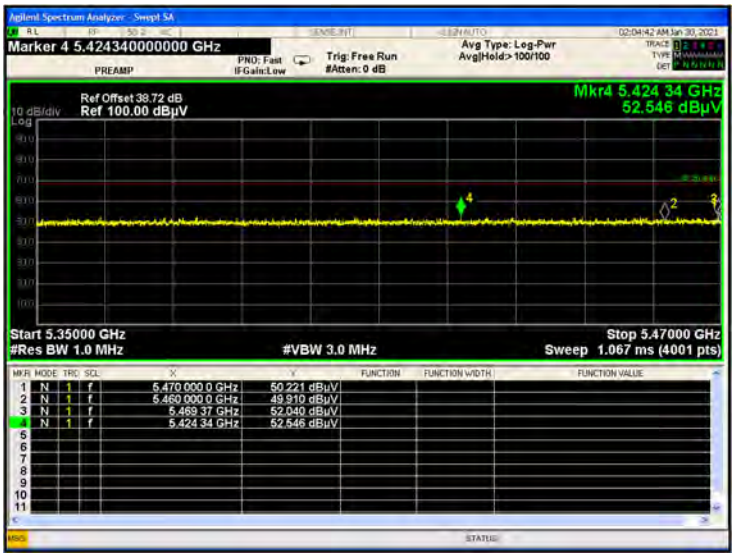


U-NII-2C 11ac40 CH102 AV

U-NII-2C 11ac40 CH142 Peak



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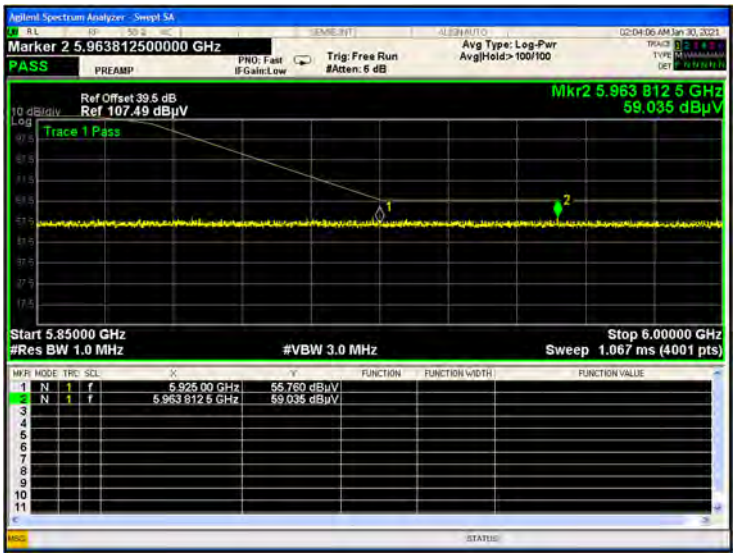
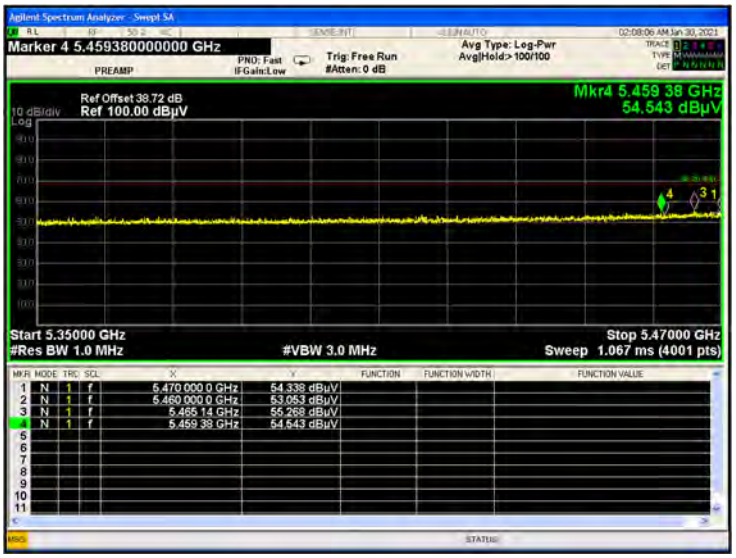


U-NII-2C 11ac80 CH106 Peak



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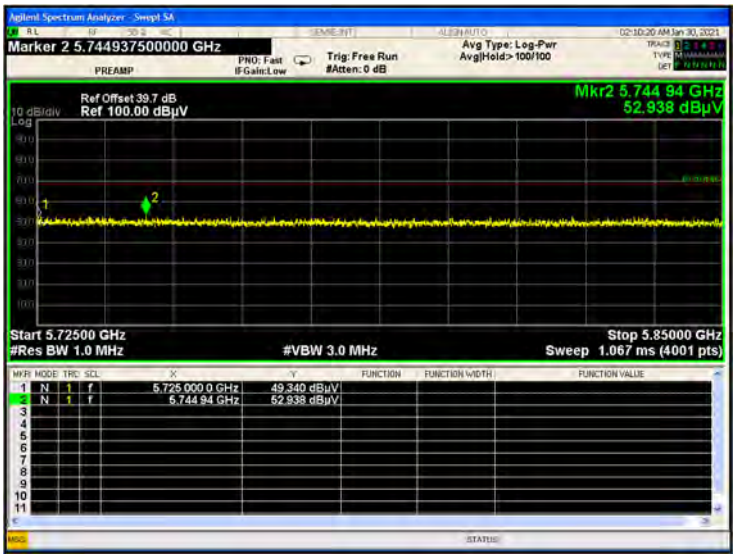
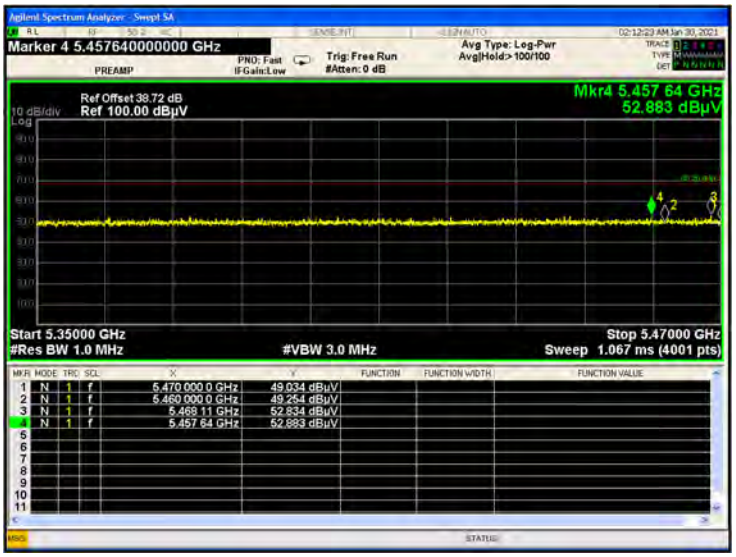


U-NII-2C 11ac80 CH106 AV

U-NII-2C 11ac80 CH138 Peak



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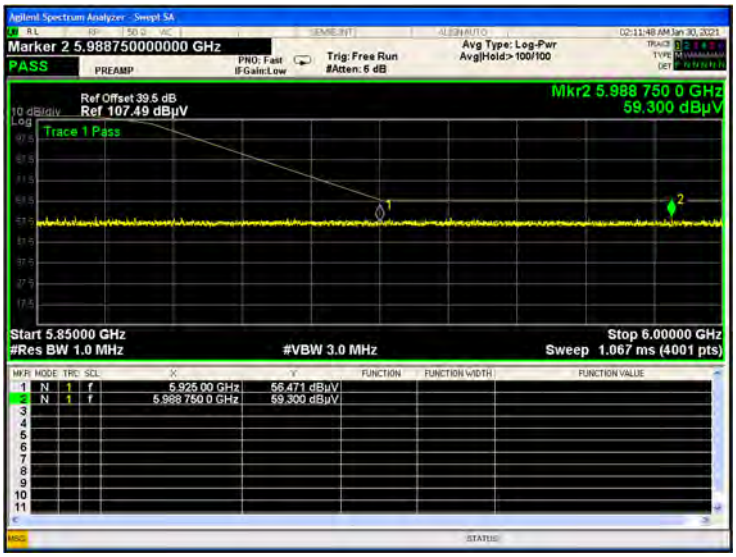

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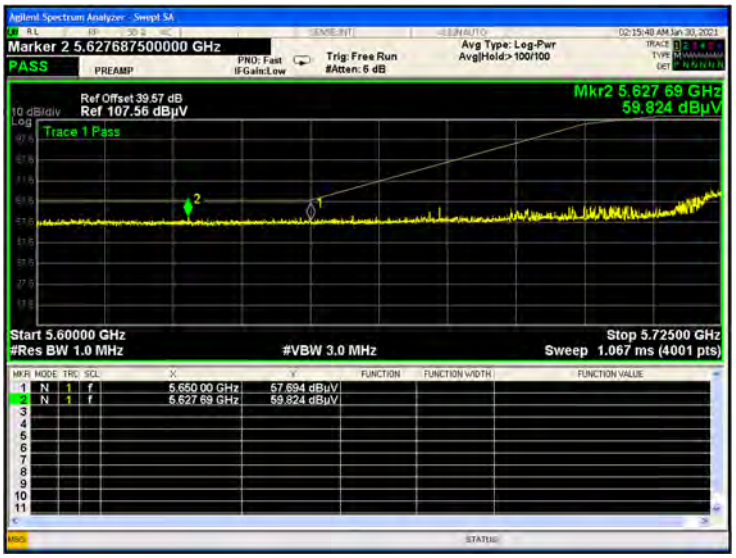
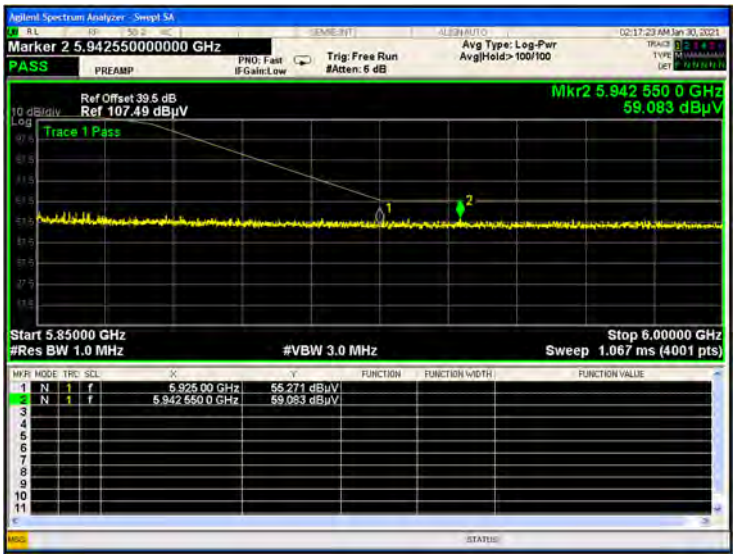
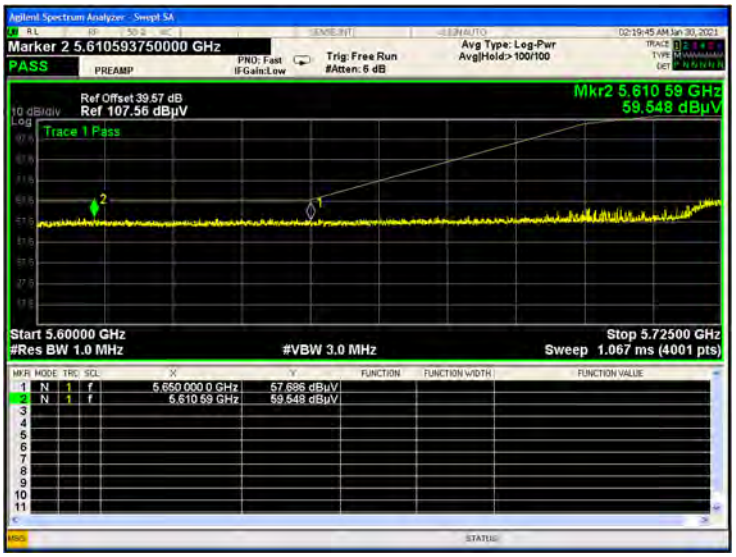


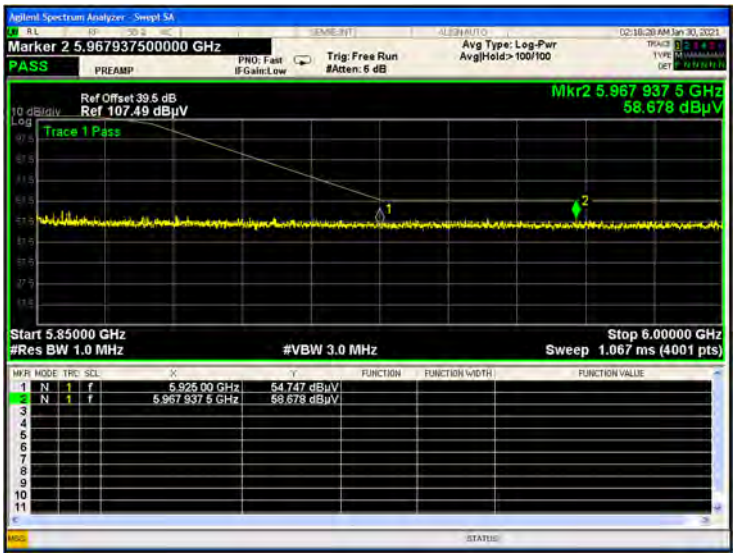
U-NII-3 11a CH165 Peak



U-NII-3 11n20 CH149 Peak



U-NII-3 11n20 CH165 Peak



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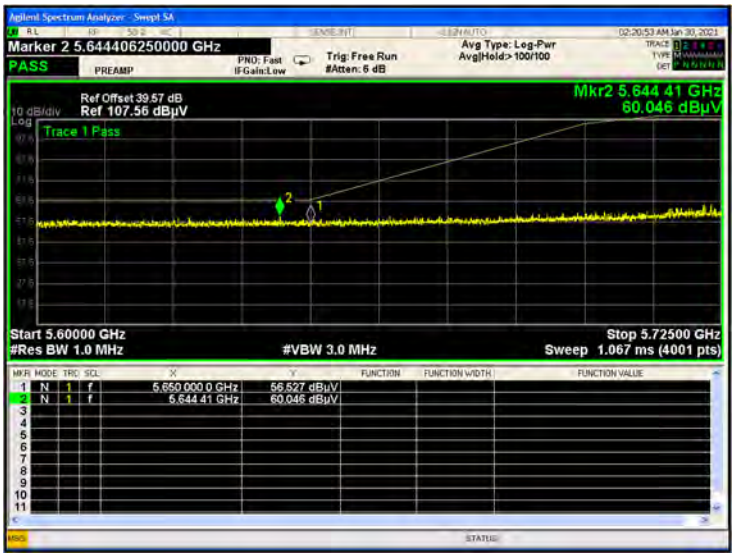

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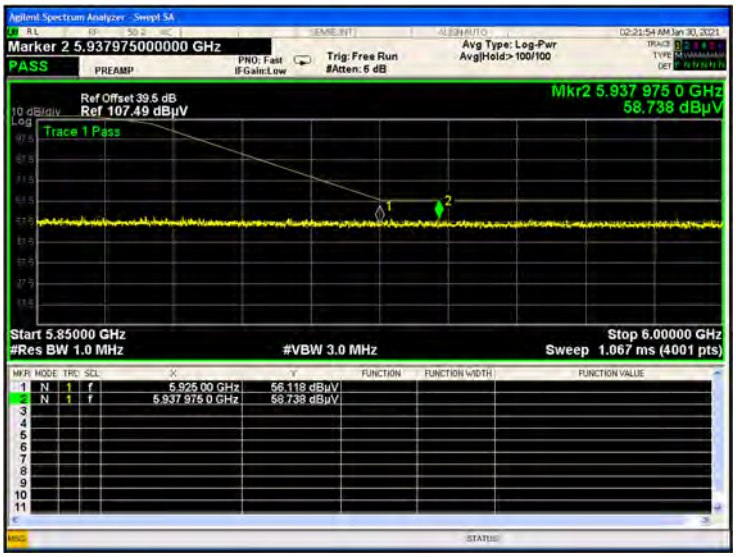
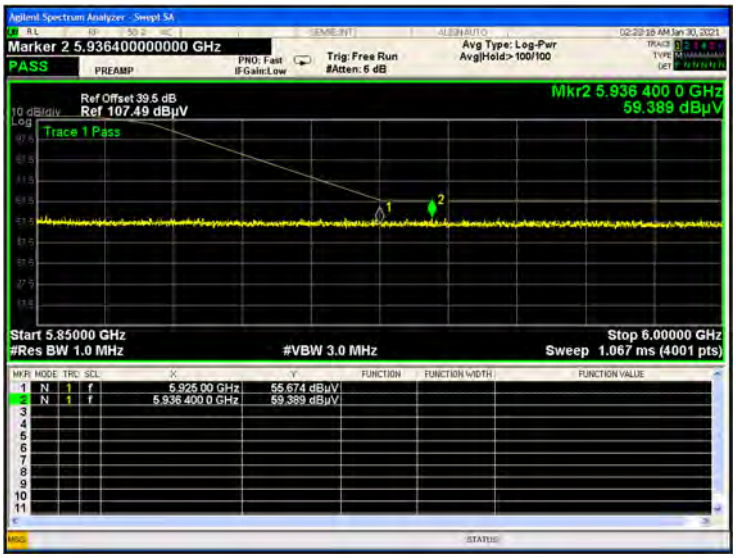
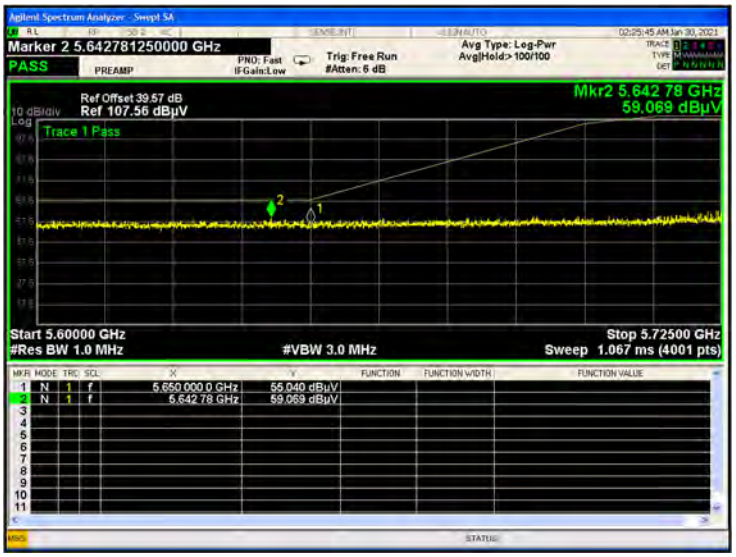


U-NII-3 11ac20 CH149 Peak

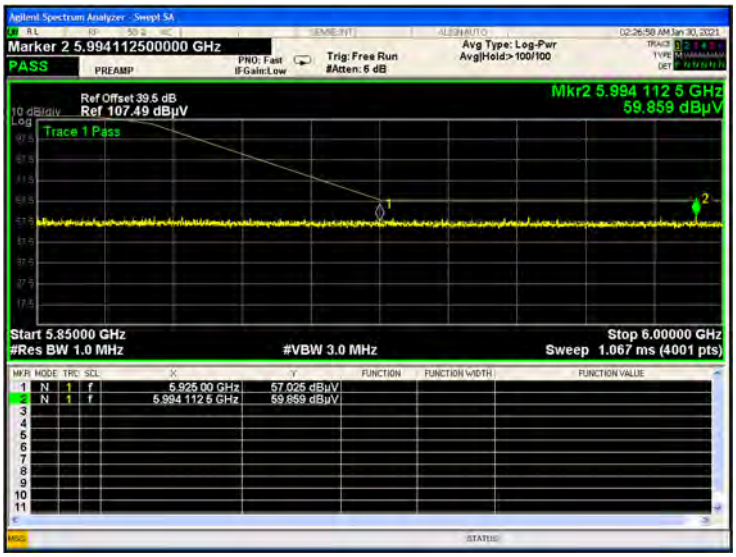
U-NII-3 11ac20 CH165 Peak



U-NII-3 11ac40 CH151 Peak

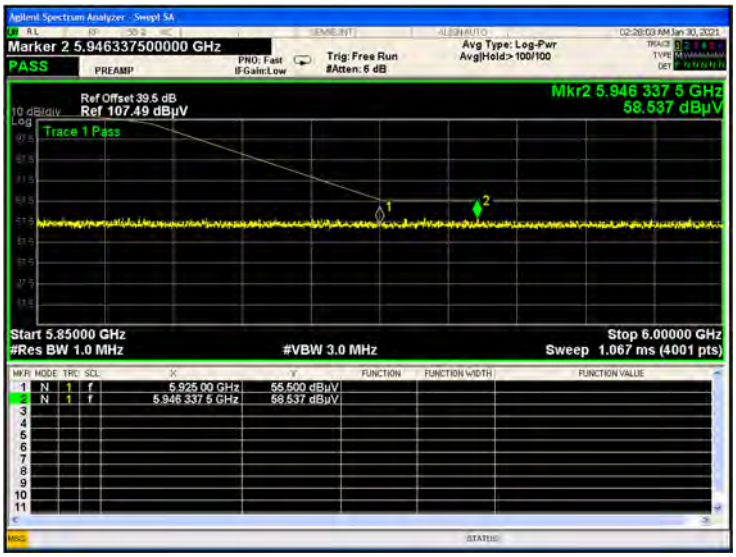


U-NII-3 11ac40 CH159 Peak



U-NII-3 11ac80 CH155 Peak

U-NII-3 11ac80 CH155 Peak



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2110327-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2110327-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2110327-AI.PDF”.

--END OF REPORT--