

RF TEST REPORT

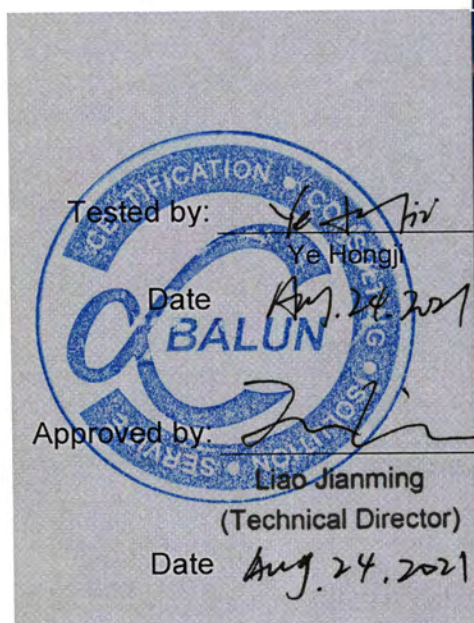
ISSUED BY
Shenzhen BALUN Technology Co., Ltd.



FOR
Tablet PC

ISSUED TO
Lenovo (Shanghai) Electronics Technology Co., Ltd.

Section 304-305, Building No. 4, # 222, Meiyue Road, China
(Shanghai) Pilot Free Trade Zone, 200131, CHINA



Report No.: BL-SZ2170450-604
EUT Name: Tablet PC
Model Name: IP Duet 5 Chromebook 13Q7C6
(refer section 2.3)
Brand Name: Lenovo
Test Standard: 47 CFR Part 15 Subpart E
(refer section 3.1)
FCC ID: O57DUET5CB7C
ISED Number: 10407A-DUET5CB7C
Test Conclusion: Pass
Test Date: Jul. 16, 2021 ~ Aug. 11, 2021
Date of Issue: Aug. 24, 2021

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Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Aug. 24, 2021</u>	<u>Initial Issue</u>

TABLE OF CONTENTS

1	ADMINISTRATIVE DATA (GENERAL INFORMATION)	4
1.1	Identification of the Testing Laboratory	4
1.2	Identification of the Responsible Testing Location	4
1.3	Laboratory Condition	4
1.4	Announce	4
2	PRODUCT INFORMATION	5
2.1	Applicant	5
2.2	Manufacturer	5
2.3	General Description for Equipment under Test (EUT)	5
2.4	Technical Information	6
2.5	Additional Instructions	8
2.6	Channel List	11
3	SUMMARY OF TEST RESULTS	14
3.1	Test Standards	14
3.2	Verdict	14
4	GENERAL TEST CONFIGURATIONS	15
4.1	Test Environments	15
4.2	Test Equipment List	15
4.3	Measurement Uncertainty	16
4.4	Description of Test Setup	17
5	TEST ITEMS	20
5.1	RF Output Power	20
5.2	Emission Bandwidth and 6 dB Bandwidth	21
5.3	Power Spectral density (PSD)	22
5.4	Conducted Emission	23
5.5	Radiated Spurious Emissions and Band Edge (Restricted-band)	24
ANNEX A	TEST RESULT	29

A.1	RF Output Power	29
A.2	Emission Bandwidth & 99% Bandwidth	47
A.3	6 dB Bandwidth	53
A.4	Power Spectral Density	54
A.5	Conducted Emissions	72
A.6	Radiated Spurious Emissions and Band Edge (Restricted-band).....	74
ANNEX B	TEST SETUP PHOTOS	160
ANNEX C	EUT EXTERNAL PHOTOS	160
ANNEX D	EUT INTERNAL PHOTOS	160

1 ADMINISTRATIVE DATA (GENERAL INFORMATION)

1.1 Identification of the Testing Laboratory

Company Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A-1. The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

1.3 Laboratory Condition

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

1.4 Announce

- (1) The test report reference to the report template version v4.4.
- (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	Lenovo (Shanghai) Electronics Technology Co., Ltd.
Address	Section 304-305, Building No. 4, # 222, Meiyue Road, China (Shanghai) Pilot Free Trade Zone, 200131, CHINA

2.2 Manufacturer

Manufacturer	Lenovo PC HK Limited
Address	23/F, Lincoln House, Taikoo Place 979 King's Road, Quarry Bay, Hong Kong, P.R.China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Tablet PC
Model Name Under Test	IP Duet 5 Chromebook 13Q7C6
Series Model Name	IP Duet 5 Chromebook 13***** (* can be 0-9, a-z, A-Z, any symbol, blank or nothing)
Description of Model name differentiation	Only differences are model names for trading purpose.
Serial Number	AYX02JTMQ
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

Antenna Information:

Antenna Port	Model Name	Antenna Manufacturer	Antenna Type	Antenna Gain (dBi)			
				2.4 GHz	5.15-5.35 GHz	5.47-5.725 GHz	5.725-5.85 GHz
Main Antenna	N12-7723-R0A	South Star	PIFA	0.44	-1.01	-0.86	-0.63
Auxiliary Antenna	N12-7724-R0A		PIFA	1.77	-1.72	-0.91	-1.13
Main Antenna	2.00004363	ZhongTianXun	PIFA	1.84	1.76	1.35	1.47
Auxiliary Antenna	2.00004364		PIFA	1.92	1.17	1.14	1.41

Note: The report only shown the antenna which matches the antenna with the highest antenna gain.

2.4 Technical Information

Network and Wireless connectivity	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
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Indoor for IC standard and Portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 13.84 dBm U-NII-2A: 13.87 dBm U-NII-2C: 14.36 dBm U-NII-3: 14.28 dBm
Antenna System (eg., Total Power, Smart Antenna)	Cyclic Delay Diversity (CDD)
Categorization as Correlated or Completely Uncorrelated	Correlated
Antenna Type	Main Antenna Aux. Antenna PIFA Antenna
Antenna Gain	Main Antenna U-NII-1: 5150 MHz to 5250 MHz: 1.76 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.76 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.35 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.47 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.) Aux. Antenna U-NII-1: 5150 MHz to 5250 MHz: 1.17 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.17 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.14 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.41 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
Total	For power U-NII-1: 5150 MHz to 5250 MHz: 1.76 dBi

directional gain	spectral density(PSD) measurements	U-NII-2A: 5250 MHz to 5350 MHz: 1.76 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.35 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.47 dBi Formulas: Directional gain = GANT + Array Gain, <i>Array Gain</i> = $10 \log(NANT/NSS)$ dB. $NSS = 1$, GANT set equal to the gain of the antenna having the highest gain.
	For power measurements	U-NII-1: 5150 MHz to 5250 MHz: 1.76 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.76 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.35 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.47 dBi Formulas: Directional gain = GANT + Array Gain, <i>Array Gain</i> = 0.
About the Product		The equipment is Tablet PC, intended for used with information technology equipment.

2.5 Additional Instructions

EUT Software Settings:

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

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

U-NII-1 (5150 - 5250 MHz) Power level setup in software				
Mode	Channel	Frequency (MHz)	Soft Set	
			Main Antenna	Aux. Antenna
11a	CH36	5180	9.50	10.00
11a	CH44	5220	10.50	10.50
11a	CH48	5240	10.50	10.50
11n (HT20)	CH36	5180	9.50	10.00
11n (HT20)	CH44	5220	10.50	10.50
11n (HT20)	CH48	5240	11.00	11.00
11n (HT40)	CH38	5190	10.00	9.50
11n (HT40)	CH46	5230	10.50	10.00
11ac (VHT20)	CH36	5180	10.00	9.50
11ac (VHT20)	CH44	5220	10.50	9.00
11ac (VHT20)	CH48	5240	11.00	10.50
11ac (VHT40)	CH38	5190	9.50	9.50
11ac (VHT40)	CH46	5230	10.00	10.00
11ac (VHT80)	CH42	5210	10.00	10.00

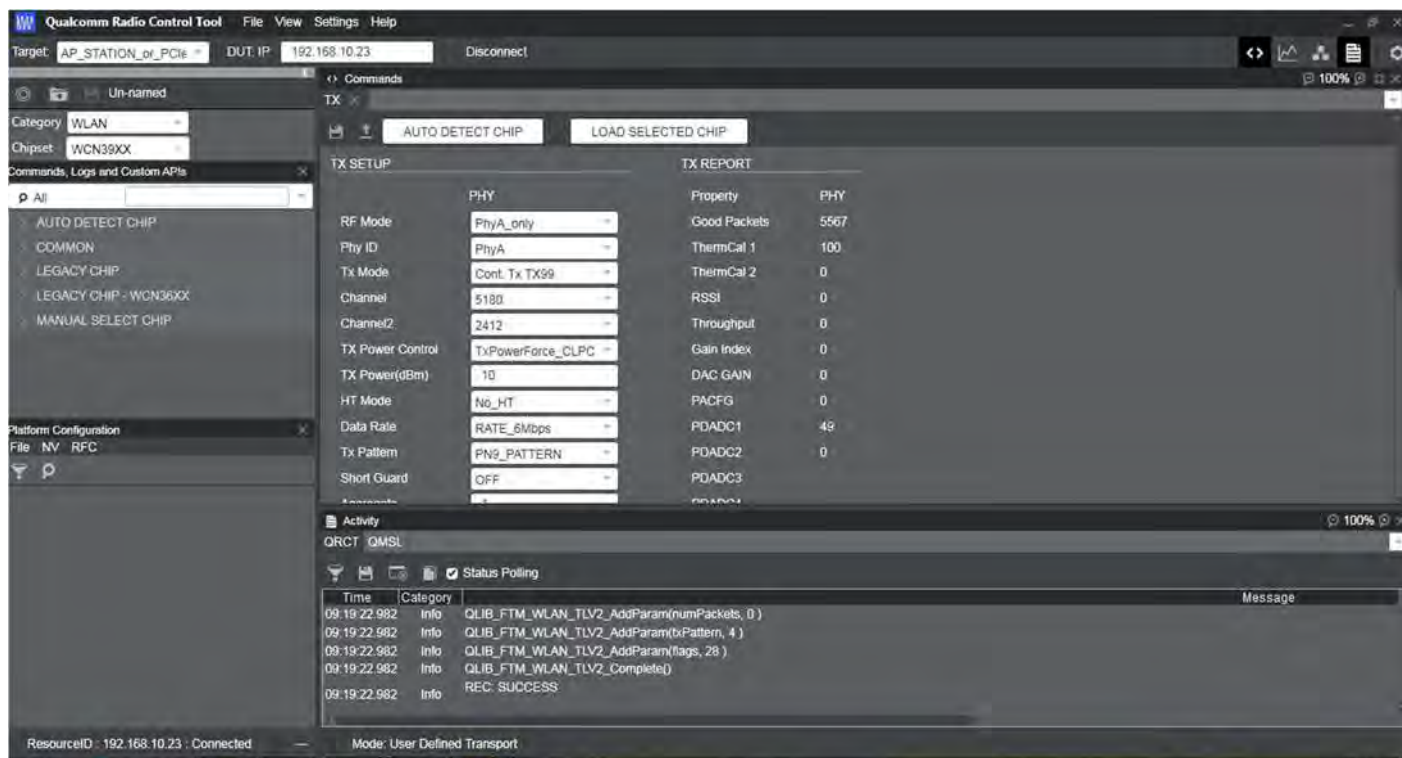
U-NII-2A (5250 - 5350 MHz) Power level setup in software				
Mode	Channel	Frequency (MHz)	Soft Set	
			Main Antenna	Aux. Antenna
11a	CH52	5260	10.50	11.00
11a	CH60	5300	10.50	10.50
11a	CH64	5320	10.50	10.50
11n (HT20)	CH52	5260	11.00	11.00
11n (HT20)	CH60	5300	10.50	11.00
11n (HT20)	CH64	5320	10.50	10.50
11n (HT40)	CH54	5270	10.50	10.50
11n (HT40)	CH62	5310	10.00	10.50
11ac (VHT20)	CH52	5260	11.00	11.00
11ac (VHT20)	CH60	5300	10.50	11.00
11ac (VHT20)	CH64	5320	10.50	10.50
11ac (VHT40)	CH54	5270	10.50	10.50
11ac (VHT40)	CH62	5310	10.00	10.50
11ac (VHT80)	CH58	5290	10.50	10.50

U-NII-2C (5470 - 5725 MHz) Power level setup in software				
Mode	Channel	Frequency (MHz)	Soft Set	
			Main Antenna	Aux. Antenna
11a	CH100	5500	10.50	11.50
11a	CH116	5580	9.00	9.50
11a	CH140	5700	10.50	11.00
11a	CH144	5720	10.50	11.00
11n (HT20)	CH100	5500	10.50	11.50
11n (HT20)	CH116	5580	9.00	9.50
11n (HT20)	CH140	5700	10.50	11.00
11n (HT20)	CH144	5720	10.50	11.00
11n (HT40)	CH102	5510	10.00	11.00
11n (HT40)	CH118	5590	9.00	9.50
11n (HT40)	CH134	5670	10.00	9.50
11n (HT40)	CH142	5710	10.50	10.50
11ac (VHT20)	CH100	5500	10.50	11.50
11ac (VHT20)	CH116	5580	9.00	10.00
11ac (VHT20)	CH140	5700	11.00	11.00
11ac (VHT20)	CH144	5720	10.50	11.00
11ac (VHT40)	CH102	5510	10.00	11.00
11ac (VHT40)	CH118	5590	9.00	10.00
11ac (VHT40)	CH134	5670	10.00	10.00
11ac (VHT40)	CH142	5710	10.00	10.50
11ac (VHT80)	CH106	5530	9.50	10.50
11ac (VHT80)	CH122	5610	9.50	9.50
11ac (VHT80)	CH138	5690	10.50	11.00

U-NII-3 (5725 - 5850 MHz) Power level setup in software

Mode	Channel	Frequency (MHz)	Soft Set	
			Main Antenna	Aux. Antenna
11a	CH149	5745	10.00	11.00
11a	CH157	5785	9.00	10.00
11a	CH165	5825	8.50	9.50
11n (HT20)	CH149	5745	10.50	11.00
11n (HT20)	CH157	5785	9.50	10.00
11n (HT20)	CH165	5825	8.50	10.00
11n (HT40)	CH151	5755	9.50	10.50
11n (HT40)	CH159	5795	8.50	9.50
11ac (VHT20)	CH149	5745	10.50	11.00
11ac (VHT20)	CH157	5785	9.00	10.00
11ac (VHT20)	CH165	5825	8.50	9.50
11ac (VHT40)	CH151	5755	9.50	10.50
11ac (VHT40)	CH159	5795	9.00	9.50
11ac (VHT80)	CH155	5775	9.50	10.50

Run Software:



The screenshot displays the Qualcomm Radio Control Tool interface. The 'TX SETUP' section on the left shows various configuration parameters for the radio, including PHY Mode (PhyA_only), PHY ID (PhyA), Tx Mode (Cont. Tx TX99), Channel (5180), Channel2 (2412), TX Power Control (TxPowerForce_CLPC), TX Power (dBm) (10), HT Mode (N6_HT), Data Rate (RATE_6Mbps), Tx Pattern (PN9_PATTERN), and Short Guard (OFF). The 'TX REPORT' section on the right shows real-time performance metrics, including Good Packets (5567), ThermCal 1 (100), ThermCal 2 (0), RSSI (0), Throughput (0), Gain Index (0), DAC GAIN (0), PACFG (0), PDADC1 (49), PDADC2 (0), and PDADC3 (0). The 'Activity' section at the bottom shows a log of events, including QLIB_FTM_WLAN_TLV2_AddParam(numPackets, 0), QLIB_FTM_WLAN_TLV2_AddParam(txPattern, 4), QLIB_FTM_WLAN_TLV2_AddParam(flags, 28), QLIB_FTM_WLAN_TLV2_Complete(), and REC_SUCCESS.

2.6 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				

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

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

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

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., Total Power, Smart Antenna, etc)
4	RSS-Gen Issue 5	General Requirements for Compliance of Radio Apparatus
5	RSS-247 Issue 2	Digital Transmission Systems (DTSS), Frequency Hopping Systems(FHSS) and Licence-Exemp Local Area Network (LE-LAN) Devices
6	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Verdict

No.	Description	FCC Part No.	RSS Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	RSS-247, 6.2	--	Pass ^{Note1}
2	RF Output Power	15.407(a)	RSS-247, 6.2	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	RSS-247, 6.2	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	RSS-247, 6.2	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	RSS-247, 6.2	ANNEX A.4	Pass
6	Conducted Emission	15.207	RSS-GEN, 8.8	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	RSS-247, 6.2	ANNEX A.6	Pass
8	Receiver Spurious Emissions	--	RSS-Gen, 7.1.2	--	N/A ^{Note2}

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	45% to 55%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22°C to +25°C
	LT (Low Temperature)	5°C
	HT (High Temperature)	+35°C
Working Voltage of the EUT	NV (Normal Voltage)	7.72 V
	LV (Low Voltage)	6.95 V
	HV (High Voltage)	8.49 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2021.04.01	2022.03.31
Bluetooth Signaling Unit	ROHDE&SCHWARZ	CMW500	142028	2021.06.01	2022.05.31
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-30	103118	2021.06.01	2022.05.31
Vector Signal Generator	ROHDE&SCHWARZ	SMBV100A	260592	2021.06.01	2022.05.31
Signal Generator	ROHDE&SCHWARZ	SMB100A	177746	2021.06.01	2022.05.31
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2021.06.01	2022.05.31
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2021.06.01	2022.05.31
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2021.06.01	2022.05.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2021.06.01	2022.05.31
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2019.10.29	2021.10.28
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2019.07.02	2022.07.01
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1917	2019.07.02	2022.07.01
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2021.01.05	2023.01.04
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2017.02.21	2022.02.20
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	N/A	2019.08.08	2022.08.07
Shielded Enclosure	ChangNing	CN-130701	130703	--	--

4.3 Measurement Uncertainty

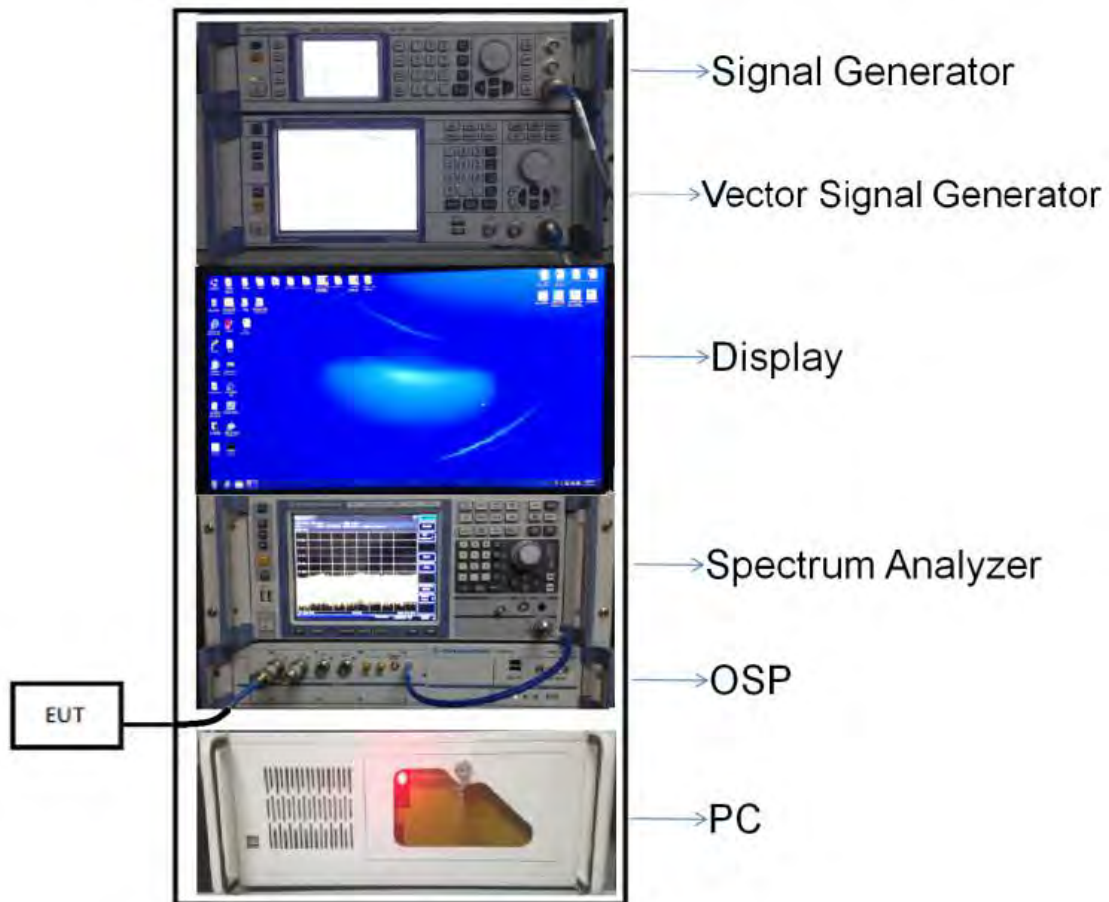
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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

Measurement	Value
Occupied Channel Bandwidth	$\pm 2.8\%$
RF output power, conducted	± 1.28 dB
Power Spectral Density, conducted	± 1.30 dB
Unwanted Emissions, conducted	± 1.84 dB
All emissions, radiated	± 5.36 dB
Temperature	$\pm 0.82^{\circ}\text{C}$
Humidity	$\pm 4.1\%$

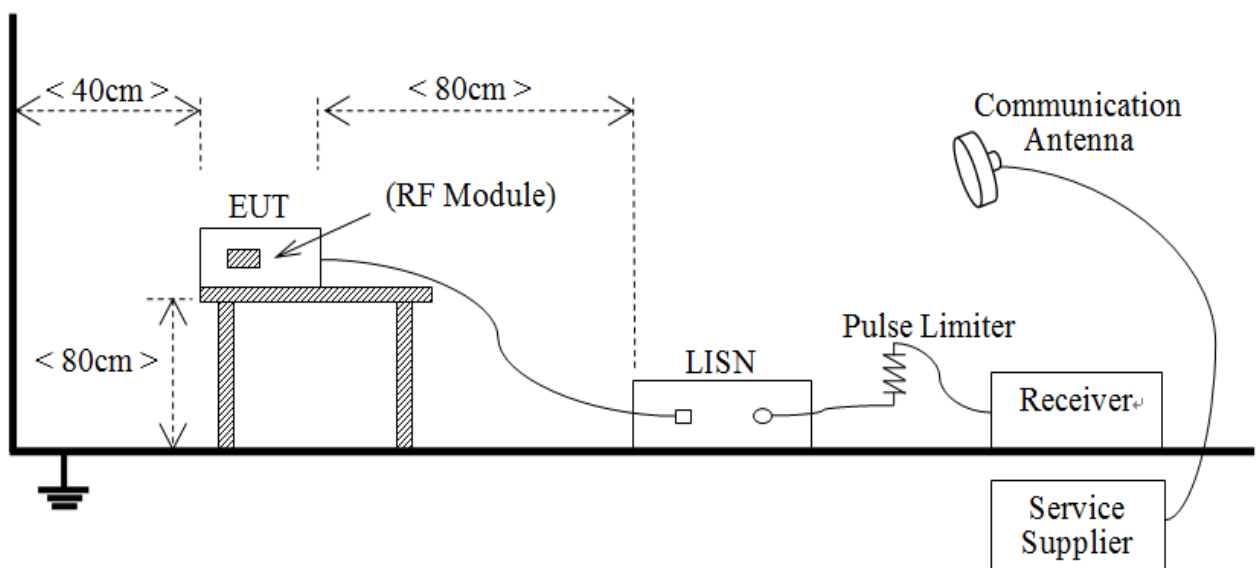
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



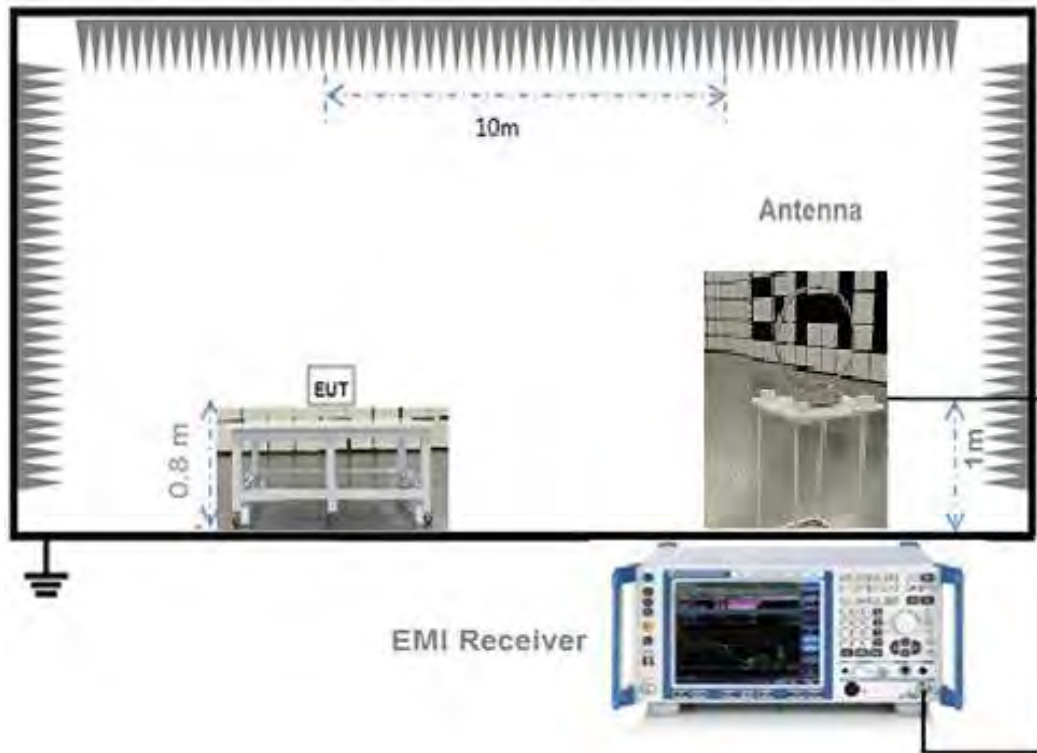
(Diagram 1)

4.4.2 For AC Power Supply Port Test



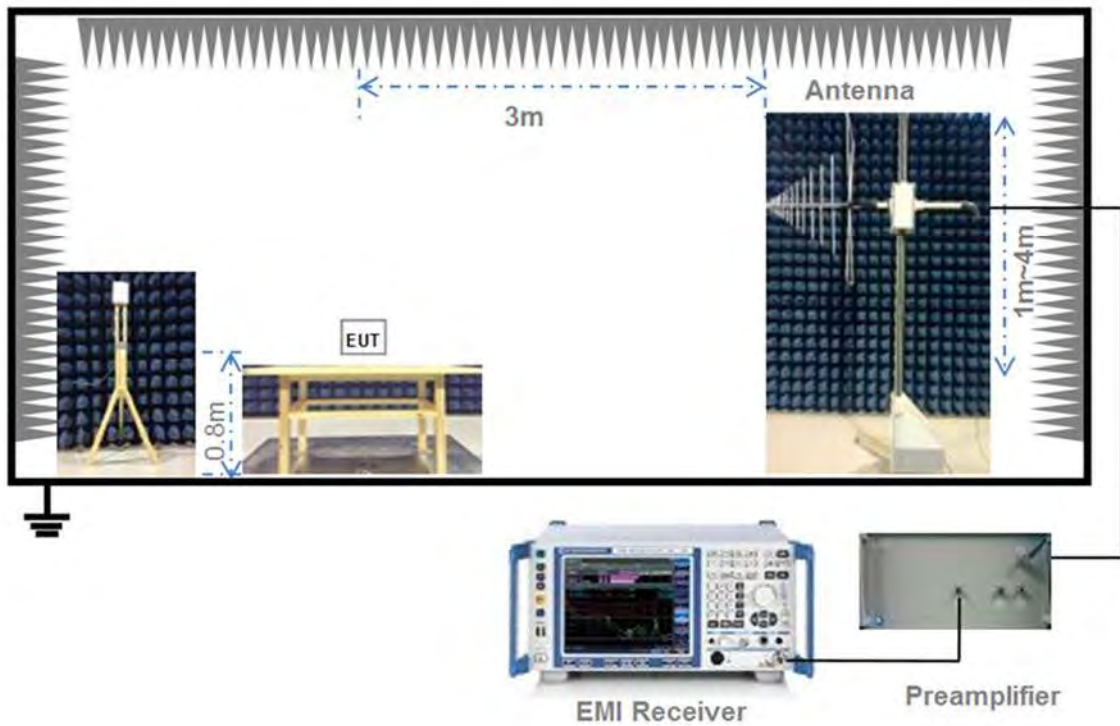
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



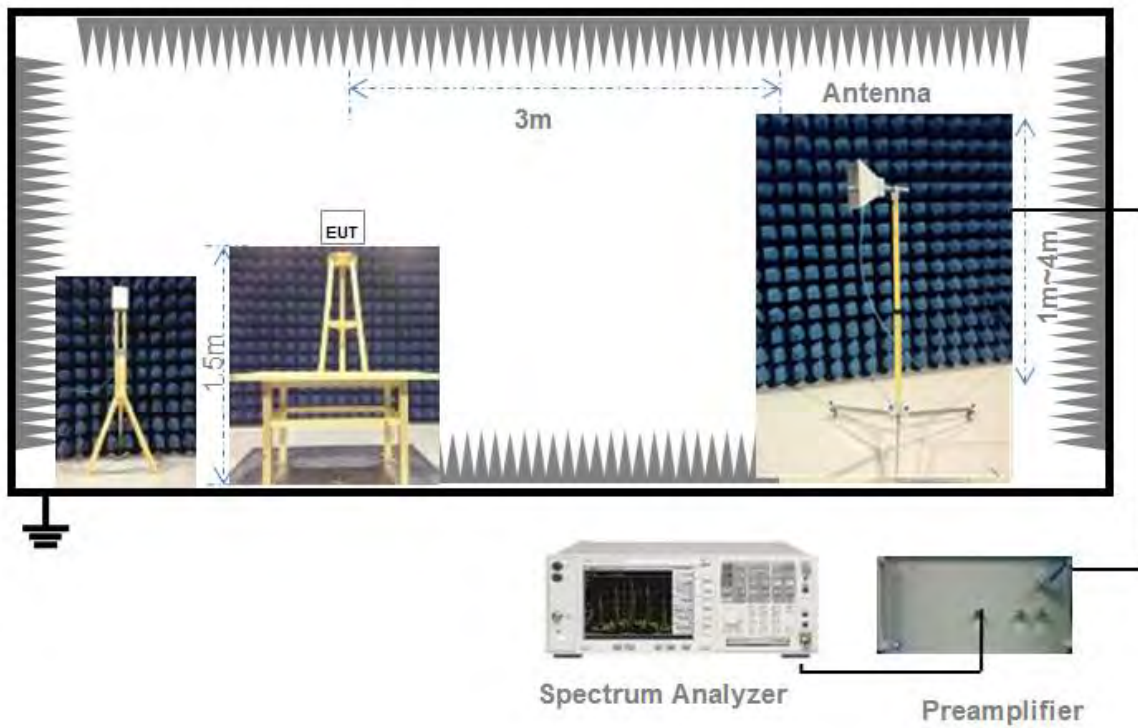
(Diagram 3)

4.4.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.4.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

RSS-247, 6.2

The maximum conducted output power shall not exceed:

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

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

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

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

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

5.3.2 Test Setup

The section 4.4.1 (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 $\geq 3 \times$ RBW, Sweep time = Auto, Detector = RMS.
2. Allow the sweeps to continue until the trace stabilizes.
3. Use the peak marker function to determine the maximum amplitude level.
4. The E.I.R.P spectral density used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

The section 4.4.2 (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)

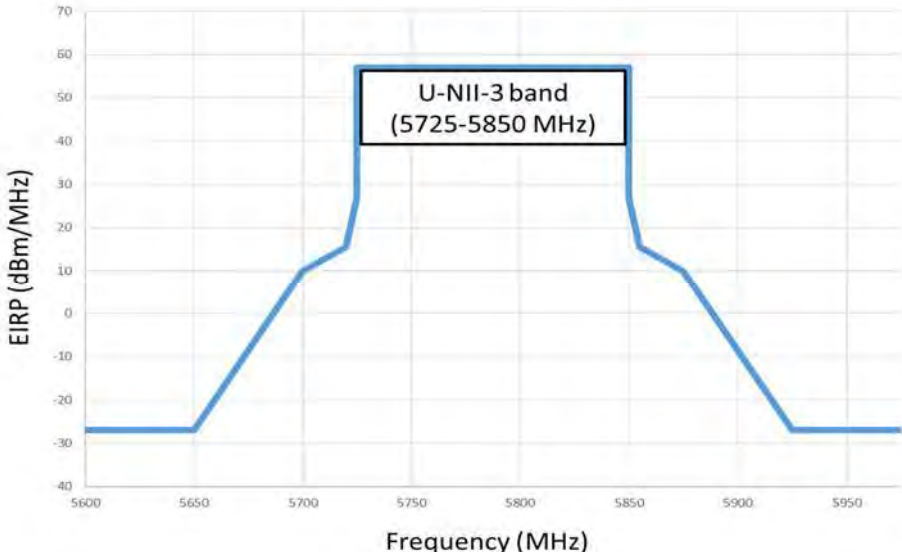
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

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

Note²: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

The section 4.4.3-4.4.5 (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:

$$E = \text{EIRP} - 20\log D + 104.8$$

where:

E = electric field strength in dB μ V/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

- f) Compare the resultant electric field strength level to the applicable limit.
- g) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

The specifications for measurements using the CISPR quasi-peak detector can be found in Publication 16 of the International Special Committee on Radio Frequency Interference (CISPR) of the International Electrotechnical Commission.

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable emission limits using a peak detector.

Peak power measurement procedure

Peak emission levels are measured by setting the instrument as follows:

- a) RBW = as specified in Table 1.
- b) VBW $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Sweep time = auto.
- e) Trace mode = max hold.
- f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

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

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

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

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

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle, x , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW $\geq 3 \times$ RBW.
- e) Detector = RMS, if $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.
- h) Perform a trace average of at least 100 traces.
- i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:
 - 1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is $10 \log(1/x)$, where x is the duty cycle.
 - 2) If linear voltage averaging mode was used in step f), then the applicable correction factor is $20 \log(1/x)$, where

x is the duty cycle.

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Note ²: For IC standard, the U-NII-3 (5725 - 5850 MHz) maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test Data

Main Antenna

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	10.62	11.53	250	Pass
11a	CH44	10.82	12.08	250	Pass
11a	CH48	10.51	11.25	250	Pass
11n (HT20)	CH36	10.45	11.09	250	Pass
11n (HT20)	CH44	10.84	12.13	250	Pass
11n (HT20)	CH48	10.78	11.97	250	Pass
11n (HT40)	CH38	10.69	11.72	250	Pass
11n (HT40)	CH46	10.72	11.80	250	Pass
11ac (VHT20)	CH36	10.75	11.89	250	Pass
11ac (VHT20)	CH44	10.78	11.97	250	Pass
11ac (HVT20)	CH48	10.86	12.19	250	Pass
11ac (VHT40)	CH38	10.80	12.02	250	Pass
11ac (VHT40)	CH46	10.68	11.69	250	Pass
11ac (VHT80)	CH42	10.85	12.16	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	10.49	11.19	250	Pass
11a	CH60	10.66	11.64	250	Pass
11a	CH64	10.88	12.25	250	Pass
11n (HT20)	CH52	10.78	11.97	250	Pass
11n (HT20)	CH60	10.76	11.91	250	Pass
11n (HT20)	CH64	10.69	11.72	250	Pass
11n (HT40)	CH54	10.65	11.61	250	Pass
11n (HT40)	CH62	10.53	11.30	250	Pass
11ac (VHT20)	CH52	10.77	11.94	250	Pass
11ac (VHT20)	CH60	10.58	11.43	250	Pass
11ac (HVT20)	CH64	10.69	11.72	250	Pass
11ac (VHT40)	CH54	10.62	11.53	250	Pass
11ac (VHT40)	CH62	10.51	11.25	250	Pass
11ac (VHT80)	CH58	10.64	11.59	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	11.25	13.34	250	Pass
11a	CH116	11.37	13.71	250	Pass
11a	CH140	11.01	12.62	250	Pass
11a	CH144	11.19	13.15	250	Pass
11n (HT20)	CH100	11.07	12.79	250	Pass
11n (HT20)	CH116	11.11	12.91	250	Pass
11n (HT20)	CH140	11.12	12.94	250	Pass
11n (HT20)	CH144	11.22	13.24	250	Pass
11n (HT40)	CH102	11.27	13.40	250	Pass
11n (HT40)	CH118	11.39	13.77	250	Pass
11n (HT40)	CH134	11.09	12.85	250	Pass
11n (HT40)	CH142	11.41	13.84	250	Pass
11ac (VHT20)	CH100	11.26	13.37	250	Pass
11ac (VHT20)	CH116	11.18	13.12	250	Pass
11ac (VHT20)	CH140	11.42	13.87	250	Pass
11ac (VHT20)	CH144	11.10	12.88	250	Pass
11ac (VHT40)	CH102	11.30	13.49	250	Pass
11ac (VHT40)	CH118	11.42	13.87	250	Pass
11ac (VHT40)	CH134	11.22	13.24	250	Pass
11ac (VHT40)	CH142	11.01	12.62	250	Pass
11ac (VHT80)	CH106	11.14	13.00	250	Pass
11ac (VHT80)	CH122	11.01	12.62	250	Pass
11ac (VHT80)	CH138	11.15	13.03	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	11.19	13.43	1000	Pass
11a	CH149	11.09	12.85	1000	Pass
11a	CH157	11.26	13.37	1000	Pass
11a	CH165	11.39	13.77	1000	Pass
11n (HT20)	CH144	11.30	13.49	1000	Pass
11n (HT20)	CH149	11.37	13.71	1000	Pass
11n (HT20)	CH157	11.34	13.61	1000	Pass
11n (HT20)	CH165	11.24	13.30	1000	Pass
11n (HT40)	CH142	11.58	14.39	1000	Pass
11n (HT40)	CH151	11.07	12.79	1000	Pass
11n (HT40)	CH159	11.01	12.62	1000	Pass
11ac (VHT20)	CH144	11.18	13.12	1000	Pass
11ac (VHT20)	CH149	11.41	13.84	1000	Pass
11ac (VHT20)	CH157	11.06	12.76	1000	Pass
11ac (VHT20)	CH165	11.32	13.55	1000	Pass
11ac (VHT40)	CH142	11.18	13.12	1000	Pass
11ac (VHT40)	CH151	11.14	13.00	1000	Pass
11ac (VHT40)	CH159	11.34	13.61	1000	Pass
11ac (VHT80)	CH138	11.47	14.03	1000	Pass
11ac (VHT80)	CH155	11.16	13.06	1000	Pass

EIRP Power

U-NII-1 (5150 - 5250 MHz)							
Note ¹¹ : The limit is 200 mW or 10 dBm + 10log B, whichever is less. Where “B” is the 99% emissions bandwidth in MHz (Please refer to the section A.2).							
Mode	Channel	EIRP Power Total (dBm)	EIRP Power Total (mW)	99% EBW (MHz)	10 dBm + 10log B (mW)	IC Limit (mW)	Verdict
11a	CH36	12.38	17.30	16.54	165	165	Pass
11a	CH44	12.58	18.11	16.52	165	165	Pass
11a	CH48	12.27	16.87	16.55	165	165	Pass
11n (HT20)	CH36	12.21	16.63	17.66	177	177	Pass
11n (HT20)	CH44	12.60	18.20	17.65	176	176	Pass
11n (HT20)	CH48	12.54	17.95	17.67	177	177	Pass
11n (HT40)	CH38	12.45	17.58	36.24	362	200	Pass
11n (HT40)	CH46	12.48	17.70	36.23	362	200	Pass
11ac (VHT20)	CH36	12.51	17.82	17.67	177	177	Pass
11ac (VHT20)	CH44	12.54	17.95	17.66	177	177	Pass
11ac (HVT20)	CH48	12.62	18.28	17.67	177	177	Pass
11ac (VHT40)	CH38	12.56	18.03	36.24	362	200	Pass
11ac (VHT40)	CH46	12.44	17.54	36.20	362	200	Pass
11ac (VHT80)	CH42	12.61	18.24	75.59	756	200	Pass

U-NII-2A (5250 - 5350 MHz)							
Note ¹² : The limit is 1W or 17 dBm + 10log B, whichever is less. Where “B” is the 99% emissions bandwidth in MHz (Please refer to the section A.2).							
Mode	Channel	EIRP Power Total (dBm)	EIRP Power Total (mW)	99% EBW (MHz)	17 dBm + 10log B (mW)	IC Limit (mW)	Verdict
11a	CH52	12.25	16.79	16.55	829	829	Pass
11a	CH60	12.42	17.46	16.53	829	829	Pass
11a	CH64	12.64	18.37	16.54	829	829	Pass
11n (HT20)	CH52	12.54	17.95	17.67	886	886	Pass
11n (HT20)	CH60	12.52	17.86	17.64	884	884	Pass
11n (HT20)	CH64	12.45	17.58	17.66	885	885	Pass
11n (HT40)	CH54	12.41	17.42	36.25	1817	1000	Pass
11n (HT40)	CH62	12.29	16.94	36.24	1816	1000	Pass
11ac (VHT20)	CH52	12.53	17.91	17.67	886	886	Pass
11ac (VHT20)	CH60	12.34	17.14	17.66	885	885	Pass
11ac (VHT20)	CH64	12.45	17.58	17.66	885	885	Pass
11ac (VHT40)	CH54	12.38	17.30	36.25	1817	1000	Pass
11ac (VHT40)	CH62	12.27	16.87	36.22	1815	1000	Pass
11ac (VHT80)	CH58	12.40	17.38	75.76	3797	1000	Pass

U-NII-2C (5470 - 5725 MHz)							
Note ¹³ : The limit is 1W or 17 dBm + 10log B, whichever is less. Where “B” is the 99% emissions bandwidth in MHz (Please refer to the section A.2)							
Mode	Channel	EIRP Power Total (dBm)	EIRP Power Total (mW)	99% EBW (MHz)	17 dBm + 10log B (mW)	IC Limit (mW)	Verdict
11a	CH100	12.60	18.20	16.54	829	829	Pass
11a	CH116	12.72	18.71	16.54	829	829	Pass
11a	CH140	12.36	17.22	16.54	829	829	Pass
11a	CH144	12.54	17.95	16.54	829	829	Pass
11n (HT20)	CH100	12.42	17.46	17.67	886	886	Pass
11n (HT20)	CH116	12.46	17.62	17.67	886	886	Pass
11n (HT20)	CH140	12.47	17.66	17.67	886	886	Pass
11n (HT20)	CH144	12.57	18.07	17.66	885	885	Pass
11n (HT40)	CH102	12.62	18.28	36.23	1816	1000	Pass
11n (HT40)	CH118	12.74	18.79	36.20	1814	1000	Pass
11n (HT40)	CH134	12.44	17.54	36.23	1816	1000	Pass
11n (HT40)	CH142	12.76	18.88	36.24	1816	1000	Pass
11ac (VHT20)	CH100	12.61	18.24	17.68	886	886	Pass
11ac (VHT20)	CH116	12.53	17.91	17.67	886	886	Pass
11ac (VHT20)	CH140	12.77	18.92	17.66	885	885	Pass
11ac (VHT20)	CH144	12.45	17.58	17.67	885	885	Pass
11ac (VHT40)	CH102	12.65	18.41	36.24	1816	1000	Pass
11ac (VHT40)	CH118	12.77	18.92	36.24	1816	1000	Pass
11ac (VHT40)	CH134	12.57	18.07	36.19	1814	1000	Pass
11ac (VHT40)	CH142	12.36	17.22	36.19	1814	1000	Pass
11ac (VHT80)	CH106	12.49	17.74	75.70	3794	1000	Pass
11ac (VHT80)	CH122	12.36	17.22	75.78	3798	1000	Pass
11ac (VHT80)	CH138	12.50	17.78	75.72	3795	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Note ¹² : The limit is 1W or 17 dBm + 10log B, whichever is less. Where "B" is the 99% emissions bandwidth in MHz (Please refer to the section A.2).					
Mode	Channel	EIRP Power Total (dBm)	EIRP Power Total (mW)	IC Limit (mW)	Verdict
11a	CH144	12.66	18.45	1000	Pass
11a	CH149	12.56	18.03	1000	Pass
11a	CH157	12.73	18.75	1000	Pass
11a	CH165	12.86	19.32	1000	Pass
11n (HT20)	CH144	12.77	18.92	1000	Pass
11n (HT20)	CH149	12.84	19.23	1000	Pass
11n (HT20)	CH157	12.81	19.10	1000	Pass
11n (HT20)	CH165	12.71	18.66	1000	Pass
11n (HT40)	CH142	13.05	20.18	1000	Pass
11n (HT40)	CH151	12.54	17.95	1000	Pass
11n (HT40)	CH159	12.48	17.70	1000	Pass
11ac (VHT20)	CH144	12.65	18.41	1000	Pass
11ac (VHT20)	CH149	12.88	19.41	1000	Pass
11ac (VHT20)	CH157	12.53	17.91	1000	Pass
11ac (VHT20)	CH165	12.79	19.01	1000	Pass
11ac (VHT40)	CH142	12.65	18.41	1000	Pass
11ac (VHT40)	CH151	12.61	18.24	1000	Pass
11ac (VHT40)	CH159	12.81	19.10	1000	Pass
11ac (VHT80)	CH138	12.94	19.68	1000	Pass
11ac (VHT80)	CH155	12.63	18.32	1000	Pass

Aux. Antenna
Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	10.82	12.08	250	Pass
11a	CH44	10.83	12.11	250	Pass
11a	CH48	10.56	11.38	250	Pass
11n (HT20)	CH36	10.86	12.19	250	Pass
11n (HT20)	CH44	10.75	11.89	250	Pass
11n (HT20)	CH48	10.83	12.11	250	Pass
11n (HT40)	CH38	10.78	11.97	250	Pass
11n (HT40)	CH46	10.86	12.19	250	Pass
11ac (VHT20)	CH36	10.64	11.59	250	Pass
11ac (VHT20)	CH44	10.87	12.22	250	Pass
11ac (HVT20)	CH48	10.66	11.64	250	Pass
11ac (VHT40)	CH38	10.57	11.40	250	Pass
11ac (VHT40)	CH46	10.56	11.38	250	Pass
11ac (VHT80)	CH42	10.68	11.69	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	10.77	11.94	250	Pass
11a	CH60	10.68	11.69	250	Pass
11a	CH64	10.83	12.11	250	Pass
11n (HT20)	CH52	10.57	11.40	250	Pass
11n (HT20)	CH60	10.89	12.27	250	Pass
11n (HT20)	CH64	10.82	12.08	250	Pass
11n (HT40)	CH54	10.63	11.56	250	Pass
11n (HT40)	CH62	10.79	11.99	250	Pass
11ac (VHT20)	CH52	10.51	11.25	250	Pass
11ac (VHT20)	CH60	10.82	12.08	250	Pass
11ac (HVT20)	CH64	10.66	11.64	250	Pass
11ac (VHT40)	CH54	10.58	11.43	250	Pass
11ac (VHT40)	CH62	10.78	11.97	250	Pass
11ac (VHT80)	CH58	10.51	11.25	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	11.32	13.55	250	Pass
11a	CH116	10.93	12.39	250	Pass
11a	CH140	10.90	12.30	250	Pass
11a	CH144	11.10	12.88	250	Pass
11n (HT20)	CH100	11.20	13.18	250	Pass
11n (HT20)	CH116	10.99	12.56	250	Pass
11n (HT20)	CH140	10.91	12.33	250	Pass
11n (HT20)	CH144	10.92	12.36	250	Pass
11n (HT40)	CH102	11.31	13.52	250	Pass
11n (HT40)	CH118	11.24	13.30	250	Pass
11n (HT40)	CH134	10.93	12.39	250	Pass
11n (HT40)	CH142	10.90	12.30	250	Pass
11ac (VHT20)	CH100	11.20	13.18	250	Pass
11ac (VHT20)	CH116	11.16	13.06	250	Pass
11ac (VHT20)	CH140	11.02	12.65	250	Pass
11ac (VHT20)	CH144	10.93	12.39	250	Pass
11ac (VHT40)	CH102	11.37	13.71	250	Pass
11ac (VHT40)	CH118	11.28	13.43	250	Pass
11ac (VHT40)	CH134	11.09	12.85	250	Pass
11ac (VHT40)	CH142	10.93	12.39	250	Pass
11ac (VHT80)	CH106	11.38	13.74	250	Pass
11ac (VHT80)	CH122	10.99	12.56	250	Pass
11ac (VHT80)	CH138	11.39	13.77	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	11.10	12.88	1000	Pass
11a	CH149	10.97	12.50	1000	Pass
11a	CH157	11.27	13.40	1000	Pass
11a	CH165	10.97	12.50	1000	Pass
11n (HT20)	CH144	10.92	12.36	1000	Pass
11n (HT20)	CH149	10.96	12.47	1000	Pass
11n (HT20)	CH157	11.32	13.55	1000	Pass
11n (HT20)	CH165	11.25	13.34	1000	Pass
11n (HT40)	CH142	10.90	12.30	1000	Pass
11n (HT40)	CH151	11.19	13.15	1000	Pass
11n (HT40)	CH159	10.85	12.16	1000	Pass
11ac (VHT20)	CH144	10.93	12.39	1000	Pass
11ac (VHT20)	CH149	11.09	12.85	1000	Pass
11ac (VHT20)	CH157	11.14	13.00	1000	Pass
11ac (VHT20)	CH165	10.80	12.02	1000	Pass
11ac (VHT40)	CH142	10.93	12.39	1000	Pass
11ac (VHT40)	CH151	11.04	12.71	1000	Pass
11ac (VHT40)	CH159	10.81	12.05	1000	Pass
11ac (VHT80)	CH138	11.39	13.77	1000	Pass
11ac (VHT80)	CH155	11.38	13.74	1000	Pass

EIRP Power

U-NII-1 (5150 - 5250 MHz)							
Note ¹¹ : The limit is 200 mW or 10 dBm + 10log B, whichever is less. Where "B" is the 99% emissions bandwidth in MHz (Please refer to the section A.2).							
Mode	Channel	EIRP Power Total (dBm)	EIRP Power Total (mW)	99% EBW (MHz)	10 dBm + 10log B (mW)	IC Limit (mW)	Verdict
11a	CH36	11.99	15.81	16.47	165	165	Pass
11a	CH44	12.00	15.85	16.47	165	165	Pass
11a	CH48	11.73	14.89	16.48	165	165	Pass
11n (HT20)	CH36	12.03	15.96	17.68	177	177	Pass
11n (HT20)	CH44	11.92	15.56	17.66	177	177	Pass
11n (HT20)	CH48	12.00	15.85	17.68	177	177	Pass
11n (HT40)	CH38	11.95	15.67	36.25	362	200	Pass
11n (HT40)	CH46	12.03	15.96	36.19	362	200	Pass
11ac (VHT20)	CH36	11.81	15.17	17.68	177	177	Pass
11ac (VHT20)	CH44	12.04	16.00	17.67	177	177	Pass
11ac (HVT20)	CH48	11.83	15.24	17.68	177	177	Pass
11ac (VHT40)	CH38	11.74	14.93	36.22	362	200	Pass
11ac (VHT40)	CH46	11.73	14.89	36.20	362	200	Pass
11ac (VHT80)	CH42	11.85	15.31	75.67	757	200	Pass

U-NII-2A (5250 - 5350 MHz)							
Note ¹² : The limit is 1W or 17 dBm + 10log B, whichever is less. Where "B" is the 99% emissions bandwidth in MHz (Please refer to the section A.2).							
Mode	Channel	EIRP Power Total (dBm)	EIRP Power Total (mW)	99% EBW (MHz)	17 dBm + 10log B (mW)	IC Limit (mW)	Verdict
11a	CH52	11.94	15.63	16.49	826	826	Pass
11a	CH60	11.85	15.31	16.48	826	826	Pass
11a	CH64	12.00	15.85	16.48	826	826	Pass
11n (HT20)	CH52	11.74	14.93	17.68	886	886	Pass
11n (HT20)	CH60	12.06	16.07	17.67	886	886	Pass
11n (HT20)	CH64	11.99	15.81	17.67	886	886	Pass
11n (HT40)	CH54	11.80	15.14	36.24	1816	1000	Pass
11n (HT40)	CH62	11.96	15.70	36.22	1815	1000	Pass
11ac (VHT20)	CH52	11.68	14.72	17.68	886	886	Pass
11ac (VHT20)	CH60	11.99	15.81	17.67	886	886	Pass
11ac (VHT20)	CH64	11.83	15.24	17.68	886	886	Pass
11ac (VHT40)	CH54	11.75	14.96	36.26	1817	1000	Pass
11ac (VHT40)	CH62	11.95	15.67	36.22	1815	1000	Pass
11ac (VHT80)	CH58	11.68	14.72	75.80	3799	1000	Pass

U-NII-2C (5470 - 5725 MHz)							
Note ¹³ : The limit is 1W or 17 dBm + 10log B, whichever is less. Where “B” is the 99% emissions bandwidth in MHz (Please refer to the section A.2)							
Mode	Channel	EIRP Power Total (dBm)	EIRP Power Total (mW)	99% EBW (MHz)	17 dBm + 10log B (mW)	IC Limit (mW)	Verdict
11a	CH100	12.46	17.62	16.48	826	826	Pass
11a	CH116	12.07	16.11	16.49	826	826	Pass
11a	CH140	12.04	16.00	16.49	826	826	Pass
11a	CH144	12.24	16.75	16.47	825	825	Pass
11n (HT20)	CH100	12.34	17.14	17.67	886	886	Pass
11n (HT20)	CH116	12.13	16.33	17.68	886	886	Pass
11n (HT20)	CH140	12.05	16.03	17.67	886	886	Pass
11n (HT20)	CH144	12.06	16.07	17.67	886	886	Pass
11n (HT40)	CH102	12.45	17.58	36.20	1814	1000	Pass
11n (HT40)	CH118	12.38	17.30	36.25	1817	1000	Pass
11n (HT40)	CH134	12.07	16.11	36.22	1815	1000	Pass
11n (HT40)	CH142	12.04	16.00	36.27	1818	1000	Pass
11ac (VHT20)	CH100	12.34	17.14	17.78	891	891	Pass
11ac (VHT20)	CH116	12.30	16.98	17.79	892	892	Pass
11ac (VHT20)	CH140	12.16	16.44	17.80	892	892	Pass
11ac (VHT20)	CH144	12.07	16.11	17.81	892	892	Pass
11ac (VHT40)	CH102	12.51	17.82	36.25	1817	1000	Pass
11ac (VHT40)	CH118	12.42	17.46	36.22	1816	1000	Pass
11ac (VHT40)	CH134	12.23	16.71	36.32	1820	1000	Pass
11ac (VHT40)	CH142	12.07	16.11	36.24	1817	1000	Pass
11ac (VHT80)	CH106	12.52	17.86	75.68	3793	1000	Pass
11ac (VHT80)	CH122	12.13	16.33	75.77	3798	1000	Pass
11ac (VHT80)	CH138	12.53	17.91	75.77	3797	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Note ¹² : The limit is 1W or 17 dBm + 10log B, whichever is less. Where “B” is the 99% emissions bandwidth in MHz (Please refer to the section A.2).					
Mode	Channel	EIRP Power Total (dBm)	EIRP Power Total (mW)	IC Limit (mW)	Verdict
11a	CH144	12.51	17.82	1000	Pass
11a	CH149	12.44	17.54	1000	Pass
11a	CH157	12.74	18.79	1000	Pass
11a	CH165	12.44	17.54	1000	Pass
11n (HT20)	CH144	12.39	17.34	1000	Pass
11n (HT20)	CH149	12.43	17.50	1000	Pass
11n (HT20)	CH157	12.79	19.01	1000	Pass
11n (HT20)	CH165	12.72	18.71	1000	Pass
11n (HT40)	CH142	12.37	17.26	1000	Pass
11n (HT40)	CH151	12.66	18.45	1000	Pass
11n (HT40)	CH159	12.32	17.06	1000	Pass
11ac (VHT20)	CH144	12.40	17.38	1000	Pass
11ac (VHT20)	CH149	12.56	18.03	1000	Pass
11ac (VHT20)	CH157	12.61	18.24	1000	Pass
11ac (VHT20)	CH165	12.27	16.87	1000	Pass
11ac (VHT40)	CH142	12.40	17.38	1000	Pass
11ac (VHT40)	CH151	12.51	17.82	1000	Pass
11ac (VHT40)	CH159	12.28	16.90	1000	Pass
11ac (VHT80)	CH138	12.86	19.32	1000	Pass
11ac (VHT80)	CH155	12.85	19.28	1000	Pass

Total Power

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.73	23.61	250	Pass
11a	CH44	13.84	24.18	250	Pass
11a	CH48	13.55	22.62	250	Pass
11n (HT20)	CH36	13.67	23.28	250	Pass
11n (HT20)	CH44	13.81	24.02	250	Pass
11n (HT20)	CH48	13.82	24.07	250	Pass
11n (HT40)	CH38	13.75	23.69	250	Pass
11n (HT40)	CH46	13.80	23.99	250	Pass
11ac (VHT20)	CH36	13.71	23.47	250	Pass
11ac (VHT20)	CH44	13.84	24.19	250	Pass
11ac (HVT20)	CH48	13.77	23.83	250	Pass
11ac (VHT40)	CH38	13.70	23.43	250	Pass
11ac (VHT40)	CH46	13.63	23.07	250	Pass
11ac (VHT80)	CH42	13.78	23.86	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	13.64	23.13	250	Pass
11a	CH60	13.68	23.34	250	Pass
11a	CH64	13.87	24.35	250	Pass
11n (HT20)	CH52	13.69	23.37	250	Pass
11n (HT20)	CH60	13.84	24.19	250	Pass
11n (HT20)	CH64	13.77	23.80	250	Pass
11n (HT40)	CH54	13.65	23.18	250	Pass
11n (HT40)	CH62	13.67	23.29	250	Pass
11ac (VHT20)	CH52	13.65	23.19	250	Pass
11ac (VHT20)	CH60	13.71	23.51	250	Pass
11ac (HVT20)	CH64	13.69	23.36	250	Pass
11ac (VHT40)	CH54	13.61	22.96	250	Pass
11ac (VHT40)	CH62	13.66	23.21	250	Pass
11ac (VHT80)	CH58	13.59	22.83	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	14.30	26.89	250	Pass
11a	CH116	14.17	26.10	250	Pass
11a	CH140	13.97	24.92	250	Pass
11a	CH144	14.16	26.03	250	Pass
11n (HT20)	CH100	14.15	25.98	250	Pass
11n (HT20)	CH116	14.06	25.47	250	Pass
11n (HT20)	CH140	14.03	25.27	250	Pass
11n (HT20)	CH144	14.08	25.60	250	Pass
11n (HT40)	CH102	14.30	26.92	250	Pass
11n (HT40)	CH118	14.33	27.08	250	Pass
11n (HT40)	CH134	14.02	25.24	250	Pass
11n (HT40)	CH142	14.17	26.14	250	Pass
11ac (VHT20)	CH100	14.24	26.55	250	Pass
11ac (VHT20)	CH116	14.18	26.18	250	Pass
11ac (VHT20)	CH140	14.23	26.51	250	Pass
11ac (VHT20)	CH144	14.03	25.27	250	Pass
11ac (VHT40)	CH102	14.35	27.20	250	Pass
11ac (VHT40)	CH118	14.36	27.30	250	Pass
11ac (VHT40)	CH134	14.17	26.10	250	Pass
11ac (VHT40)	CH142	13.98	25.01	250	Pass
11ac (VHT80)	CH106	14.27	26.74	250	Pass
11ac (VHT80)	CH122	14.01	25.18	250	Pass
11ac (VHT80)	CH138	14.28	26.80	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	14.20	26.31	1000	Pass
11a	CH149	14.04	25.36	1000	Pass
11a	CH157	14.28	26.76	1000	Pass
11a	CH165	14.20	26.27	1000	Pass
11n (HT20)	CH144	14.12	25.85	1000	Pass
11n (HT20)	CH149	14.18	26.18	1000	Pass
11n (HT20)	CH157	14.34	27.17	1000	Pass
11n (HT20)	CH165	14.26	26.64	1000	Pass
11n (HT40)	CH142	14.26	26.69	1000	Pass
11n (HT40)	CH151	14.14	25.95	1000	Pass
11n (HT40)	CH159	13.94	24.78	1000	Pass
11ac (VHT20)	CH144	14.07	25.51	1000	Pass
11ac (VHT20)	CH149	14.26	26.69	1000	Pass
11ac (VHT20)	CH157	14.11	25.77	1000	Pass
11ac (VHT20)	CH165	14.08	25.57	1000	Pass
11ac (VHT40)	CH142	14.07	25.51	1000	Pass
11ac (VHT40)	CH151	14.10	25.71	1000	Pass
11ac (VHT40)	CH159	14.09	25.66	1000	Pass
11ac (VHT80)	CH138	14.44	27.80	1000	Pass
11ac (VHT80)	CH155	14.28	26.80	1000	Pass

EIRP Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	EIRP Power Total (dBm)	EIRP Power Total (mW)	IC Limit (mW)	Verdict
11a	CH36	13.87	24.37	165	Pass
11a	CH44	13.91	24.58	165	Pass
11a	CH48	13.80	24.00	165	Pass
11n (HT20)	CH36	13.85	24.24	177	Pass
11n (HT20)	CH44	13.90	24.52	176	Pass
11n (HT20)	CH48	13.90	24.54	177	Pass
11n (HT40)	CH38	13.87	24.40	200	Pass
11n (HT40)	CH46	13.89	24.51	200	Pass
11ac (VHT20)	CH36	13.86	24.32	177	Pass
11ac (VHT20)	CH44	13.91	24.58	177	Pass
11ac (HVT20)	CH48	13.88	24.45	177	Pass
11ac (VHT40)	CH38	13.86	24.30	200	Pass
11ac (VHT40)	CH46	13.83	24.17	200	Pass
11ac (VHT80)	CH42	13.88	24.46	200	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	EIRP Power Total (dBm)	EIRP Power Total (mW)	IC Limit (mW)	Verdict
11a	CH52	13.84	24.19	826	Pass
11a	CH60	13.85	24.27	826	Pass
11a	CH64	13.92	24.64	826	Pass
11n (HT20)	CH52	13.85	24.28	886	Pass
11n (HT20)	CH60	13.91	24.58	884	Pass
11n (HT20)	CH64	13.88	24.44	885	Pass
11n (HT40)	CH54	13.84	24.21	1000	Pass
11n (HT40)	CH62	13.85	24.25	1000	Pass
11ac (VHT20)	CH52	13.84	24.21	886	Pass
11ac (VHT20)	CH60	13.86	24.33	885	Pass
11ac (VHT20)	CH64	13.85	24.28	885	Pass
11ac (VHT40)	CH54	13.83	24.13	1000	Pass
11ac (VHT40)	CH62	13.84	24.22	1000	Pass
11ac (VHT80)	CH58	13.82	24.08	1000	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	EIRP Power Total (dBm)	EIRP Power Total (mW)	IC Limit (mW)	Verdict
11a	CH100	13.99	25.06	826	Pass
11a	CH116	13.94	24.79	826	Pass
11a	CH140	13.87	24.40	826	Pass
11a	CH144	13.94	24.78	825	Pass
11n (HT20)	CH100	13.94	24.76	886	Pass
11n (HT20)	CH116	13.91	24.59	886	Pass
11n (HT20)	CH140	13.90	24.52	886	Pass
11n (HT20)	CH144	13.91	24.63	885	Pass
11n (HT40)	CH102	13.99	25.07	1000	Pass
11n (HT40)	CH118	14.00	25.12	1000	Pass
11n (HT40)	CH134	13.89	24.51	1000	Pass
11n (HT40)	CH142	13.94	24.80	1000	Pass
11ac (VHT20)	CH100	13.97	24.95	886	Pass
11ac (VHT20)	CH116	13.95	24.83	886	Pass
11ac (VHT20)	CH140	13.97	24.93	885	Pass
11ac (VHT20)	CH144	13.90	24.52	885	Pass
11ac (VHT40)	CH102	14.01	25.16	1000	Pass
11ac (VHT40)	CH118	14.01	25.19	1000	Pass
11ac (VHT40)	CH134	13.94	24.80	1000	Pass
11ac (VHT40)	CH142	13.88	24.43	1000	Pass
11ac (VHT80)	CH106	13.98	25.01	1000	Pass
11ac (VHT80)	CH122	13.89	24.49	1000	Pass
11ac (VHT80)	CH138	13.98	25.03	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	EIRP Power Total (dBm)	EIRP Power Total (mW)	IC Limit (mW)	Verdict
11a	CH144	14.01	25.17	1000	Pass
11a	CH149	13.98	25.00	1000	Pass
11a	CH157	14.06	25.47	1000	Pass
11a	CH165	14.03	25.30	1000	Pass
11n (HT20)	CH144	14.01	25.16	1000	Pass
11n (HT20)	CH149	14.03	25.27	1000	Pass
11n (HT20)	CH157	14.08	25.60	1000	Pass
11n (HT20)	CH165	14.05	25.43	1000	Pass
11n (HT40)	CH142	14.05	25.42	1000	Pass
11n (HT40)	CH151	14.01	25.20	1000	Pass
11n (HT40)	CH159	13.94	24.80	1000	Pass
11ac (VHT20)	CH144	13.99	25.05	1000	Pass
11ac (VHT20)	CH149	14.06	25.44	1000	Pass
11ac (VHT20)	CH157	14.00	25.14	1000	Pass
11ac (VHT20)	CH165	13.99	25.06	1000	Pass
11ac (VHT40)	CH142	13.99	25.05	1000	Pass
11ac (VHT40)	CH151	14.00	25.12	1000	Pass
11ac (VHT40)	CH159	14.00	25.09	1000	Pass
11ac (VHT80)	CH138	14.12	25.80	1000	Pass
11ac (VHT80)	CH155	14.06	25.48	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ1680175-604 Data Part 1.pdf".

Test Data

Main Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.68	16.54
11a	CH44	20.84	16.52
11a	CH48	20.69	16.55
11n (HT20)	CH36	21.09	17.66
11n (HT20)	CH44	21.01	17.65
11n (HT20)	CH48	21.06	17.67
11n (HT40)	CH38	41.89	36.24
11n (HT40)	CH46	41.87	36.23
11ac (VHT20)	CH36	21.26	17.67
11ac (VHT20)	CH44	21.03	17.66
11ac (VHT20)	CH48	21.08	17.67
11ac (VHT40)	CH38	41.84	36.24
11ac (VHT40)	CH46	41.40	36.20
11ac (VHT80)	CH42	83.52	75.59

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.63	16.55
11a	CH60	20.73	16.53
11a	CH64	20.73	16.54
11n (HT20)	CH52	21.12	17.67
11n (HT20)	CH60	21.01	17.64
11n (HT20)	CH64	21.12	17.66
11n (HT40)	CH54	41.96	36.25
11n (HT40)	CH62	41.83	36.24
11ac (VHT20)	CH52	21.24	17.67
11ac (VHT20)	CH60	21.14	17.66
11ac (VHT20)	CH64	21.33	17.66
11ac (VHT40)	CH54	41.78	36.25
11ac (VHT40)	CH62	41.76	36.22
11ac (VHT80)	CH58	83.97	75.76

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.74	16.54
11a	CH116	20.76	16.54
11a	CH140	20.68	16.54
11a	CH144	20.65	16.54
11n (HT20)	CH100	21.31	17.67
11n (HT20)	CH116	21.18	17.67
11n (HT20)	CH140	21.18	17.67
11n (HT20)	CH144	21.02	17.66
11n (HT40)	CH102	41.80	36.23
11n (HT40)	CH118	42.06	36.20
11n (HT40)	CH134	41.85	36.23
11n (HT40)	CH142	42.04	36.24
11ac (VHT20)	CH100	21.20	17.68
11ac (VHT20)	CH116	21.27	17.67
11ac (VHT20)	CH140	24.75	17.66
11ac (VHT20)	CH144	21.08	17.67
11ac (VHT40)	CH102	41.80	36.24
11ac (VHT40)	CH118	41.78	36.24
11ac (VHT40)	CH134	41.67	36.19
11ac (VHT40)	CH142	41.83	36.19
11ac (VHT80)	CH106	84.18	75.70
11ac (VHT80)	CH122	84.61	75.78
11ac (VHT80)	CH138	84.42	75.72

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.54	16.46
11a	CH157	20.55	16.49
11a	CH165	20.56	16.46
11n (HT20)	CH149	20.84	17.64
11n (HT20)	CH157	20.89	17.65
11n (HT20)	CH165	20.83	17.65
11n (HT40)	CH151	41.68	36.17
11n (HT40)	CH159	41.81	36.21
11ac (VHT20)	CH149	20.75	17.64
11ac (VHT20)	CH157	20.99	17.65
11ac (VHT20)	CH165	20.78	17.65
11ac (VHT40)	CH151	41.67	36.18
11ac (VHT40)	CH159	41.62	36.21
11ac (VHT80)	CH155	84.48	75.79

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.68	16.47
11a	CH44	20.58	16.47
11a	CH48	20.62	16.48
11n (HT20)	CH36	20.88	17.68
11n (HT20)	CH44	20.89	17.66
11n (HT20)	CH48	20.85	17.68
11n (HT40)	CH38	41.82	36.25
11n (HT40)	CH46	41.52	36.19
11ac (VHT20)	CH36	20.84	17.68
11ac (VHT20)	CH44	20.79	17.67
11ac (VHT20)	CH48	20.92	17.68
11ac (VHT40)	CH38	41.53	36.22
11ac (VHT40)	CH46	41.61	36.20
11ac (VHT80)	CH42	83.83	75.67

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.61	16.49
11a	CH60	20.56	16.48
11a	CH64	20.55	16.48
11n (HT20)	CH52	20.95	17.68
11n (HT20)	CH60	20.79	17.67
11n (HT20)	CH64	20.87	17.67
11n (HT40)	CH54	41.89	36.24
11n (HT40)	CH62	41.95	36.22
11ac (VHT20)	CH52	20.84	17.68
11ac (VHT20)	CH60	20.84	17.67
11ac (VHT20)	CH64	20.86	17.68
11ac (VHT40)	CH54	41.76	36.26
11ac (VHT40)	CH62	41.43	36.22
11ac (VHT80)	CH58	84.54	75.80

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.60	16.48
11a	CH116	20.56	16.49
11a	CH140	20.59	16.49
11a	CH144	20.60	16.47
11n (HT20)	CH100	20.83	17.67
11n (HT20)	CH116	20.85	17.68
11n (HT20)	CH140	20.83	17.67
11n (HT20)	CH144	20.98	17.67
11n (HT40)	CH102	41.76	36.20
11n (HT40)	CH118	41.85	36.25
11n (HT40)	CH134	41.82	36.22
11n (HT40)	CH142	41.65	36.27
11ac (VHT20)	CH100	23.82	17.78
11ac (VHT20)	CH116	23.38	17.79
11ac (VHT20)	CH140	23.97	17.80
11ac (VHT20)	CH144	23.79	17.81
11ac (VHT40)	CH102	41.74	36.25
11ac (VHT40)	CH118	41.96	36.22
11ac (VHT40)	CH134	42.72	36.32
11ac (VHT40)	CH142	41.82	36.24
11ac (VHT80)	CH106	84.12	75.68
11ac (VHT80)	CH122	84.64	75.77
11ac (VHT80)	CH138	84.38	75.77

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	22.97	16.63
11a	CH157	23.19	16.63
11a	CH165	23.07	16.63
11n (HT20)	CH149	23.55	17.78
11n (HT20)	CH157	23.73	17.79
11n (HT20)	CH165	23.64	17.77
11n (HT40)	CH151	41.90	36.24
11n (HT40)	CH159	41.87	36.24
11ac (VHT20)	CH149	23.43	17.79
11ac (VHT20)	CH157	23.57	17.80
11ac (VHT20)	CH165	23.52	17.77
11ac (VHT40)	CH151	41.74	36.25
11ac (VHT40)	CH159	41.70	36.26
11ac (VHT80)	CH155	84.35	75.84

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ1680175-604 Data Part 2.pdf".

Main Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.20	500.00	Pass
11a	CH157	15.25	500.00	Pass
11a	CH165	15.20	500.00	Pass
11n (HT20)	CH149	16.60	500.00	Pass
11n (HT20)	CH157	15.80	500.00	Pass
11n (HT20)	CH165	15.50	500.00	Pass
11n (HT40)	CH151	35.50	500.00	Pass
11n (HT40)	CH159	35.60	500.00	Pass
11ac (VHT20)	CH149	15.55	500.00	Pass
11ac (VHT20)	CH157	15.25	500.00	Pass
11ac (VHT20)	CH165	16.00	500.00	Pass
11ac (VHT40)	CH151	35.20	500.00	Pass
11ac (VHT40)	CH159	35.25	500.00	Pass
11ac (VHT80)	CH155	75.20	500.00	Pass

Aux. Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.50	500.00	Pass
11a	CH157	15.60	500.00	Pass
11a	CH165	15.75	500.00	Pass
11n (HT20)	CH149	15.95	500.00	Pass
11n (HT20)	CH157	15.40	500.00	Pass
11n (HT20)	CH165	15.20	500.00	Pass
11n (HT40)	CH151	36.05	500.00	Pass
11n (HT40)	CH159	36.05	500.00	Pass
11ac (VHT20)	CH149	15.95	500.00	Pass
11ac (VHT20)	CH157	15.40	500.00	Pass
11ac (VHT20)	CH165	16.00	500.00	Pass
11ac (VHT40)	CH151	35.80	500.00	Pass
11ac (VHT40)	CH159	35.75	500.00	Pass
11ac (VHT80)	CH155	75.20	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ1680175-604 Data Part 3.pdf".

Test Data

Note¹: The RBW used in U-NII-3 is 1 MHz, and the PSD factor is: $10 \cdot \log(500 \text{ kHz/RBW}) = -3 \text{ dBm}$.

Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	-0.45	11.00	Pass
11a	CH44	-0.14	11.00	Pass
11a	CH48	-0.77	11.00	Pass
11n (HT20)	CH36	-0.88	11.00	Pass
11n (HT20)	CH44	-0.58	11.00	Pass
11n (HT20)	CH48	-0.84	11.00	Pass
11n (HT40)	CH38	-3.69	11.00	Pass
11n (HT40)	CH46	-3.74	11.00	Pass
11ac (VHT20)	CH36	-0.97	11.00	Pass
11ac (VHT20)	CH44	-0.67	11.00	Pass
11ac (VHT20)	CH48	-0.85	11.00	Pass
11ac (VHT40)	CH38	-3.77	11.00	Pass
11ac (VHT40)	CH46	-3.60	11.00	Pass
11ac (VHT80)	CH42	-6.71	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	-0.28	11.00	Pass
11a	CH60	-0.45	11.00	Pass
11a	CH64	-0.42	11.00	Pass
11n (HT20)	CH52	-0.75	11.00	Pass
11n (HT20)	CH60	-0.49	11.00	Pass
11n (HT20)	CH64	-0.79	11.00	Pass
11n (HT40)	CH54	-4.05	11.00	Pass
11n (HT40)	CH62	-3.87	11.00	Pass
11ac (VHT20)	CH52	-0.80	11.00	Pass
11ac (VHT20)	CH60	-0.49	11.00	Pass
11ac (VHT20)	CH64	-0.35	11.00	Pass
11ac (VHT40)	CH54	-4.03	11.00	Pass
11ac (VHT40)	CH62	-3.72	11.00	Pass
11ac (VHT80)	CH58	-7.14	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	0.18	11.00	Pass
11a	CH116	0.58	11.00	Pass
11a	CH140	0.06	11.00	Pass
11a	CH144	-0.07	11.00	Pass
11n (HT20)	CH100	-0.07	11.00	Pass
11n (HT20)	CH116	0.19	11.00	Pass
11n (HT20)	CH140	0.06	11.00	Pass
11n (HT20)	CH144	0.12	11.00	Pass
11n (HT40)	CH102	-2.89	11.00	Pass
11n (HT40)	CH118	-3.10	11.00	Pass
11n (HT40)	CH134	-3.38	11.00	Pass
11n (HT40)	CH142	-3.32	11.00	Pass
11ac (VHT20)	CH100	-0.01	11.00	Pass
11ac (VHT20)	CH116	0.17	11.00	Pass
11ac (VHT20)	CH140	0.06	11.00	Pass
11ac (VHT20)	CH144	0.17	11.00	Pass
11ac (VHT40)	CH102	-2.87	11.00	Pass
11ac (VHT40)	CH118	-3.01	11.00	Pass
11ac (VHT40)	CH134	-3.47	11.00	Pass
11ac (VHT40)	CH142	-3.30	11.00	Pass
11ac (VHT80)	CH106	-5.74	11.00	Pass
11ac (VHT80)	CH122	-6.40	11.00	Pass
11ac (VHT80)	CH138	-6.32	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	-2.96	30.00	Pass
11a	CH149	-2.61	30.00	Pass
11a	CH157	-2.21	30.00	Pass
11a	CH165	-3.00	30.00	Pass
11n (HT20)	CH144	-3.20	30.00	Pass
11n (HT20)	CH149	-3.07	30.00	Pass
11n (HT20)	CH157	-2.19	30.00	Pass
11n (HT20)	CH165	-2.12	30.00	Pass
11n (HT40)	CH142	-5.98	30.00	Pass
11n (HT40)	CH151	-6.07	30.00	Pass
11n (HT40)	CH159	-6.06	30.00	Pass
11ac (VHT20)	CH144	-3.22	30.00	Pass
11ac (VHT20)	CH149	-3.10	30.00	Pass
11ac (VHT20)	CH157	-2.60	30.00	Pass
11ac (VHT20)	CH165	-2.06	30.00	Pass
11ac (VHT40)	CH142	-6.30	30.00	Pass
11ac (VHT40)	CH151	-6.11	30.00	Pass
11ac (VHT40)	CH159	-5.95	30.00	Pass
11ac (VHT80)	CH138	-9.61	30.00	Pass
11ac (VHT80)	CH155	-8.59	30.00	Pass

EIRP PSD

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Frequency (MHz)	PSD (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH36	5180	1.31	10	Pass
11a	CH44	5220	1.62	10	Pass
11a	CH48	5240	0.99	10	Pass
11n (HT20)	CH36	5180	0.88	10	Pass
11n (HT20)	CH44	5220	1.18	10	Pass
11n (HT20)	CH48	5240	0.92	10	Pass
11n (HT40)	CH38	5190	-1.93	10	Pass
11n (HT40)	CH46	5230	-1.98	10	Pass
11ac (VHT20)	CH36	5180	0.79	10	Pass
11ac (VHT20)	CH44	5220	1.09	10	Pass
11ac (VHT20)	CH48	5240	0.92	10	Pass
11ac (VHT40)	CH38	5190	-2.01	10	Pass
11ac (VHT40)	CH46	5230	-1.84	10	Pass
11ac (VHT80)	CH42	5210	-4.95	10	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Frequency (MHz)	PSD (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH52	5260	1.48	10	Pass
11a	CH60	5300	1.31	10	Pass
11a	CH64	5320	1.34	10	Pass
11n (HT20)	CH52	5260	1.01	10	Pass
11n (HT20)	CH60	5300	1.27	10	Pass
11n (HT20)	CH64	5320	0.97	10	Pass
11n (HT40)	CH54	5270	-2.29	10	Pass
11n (HT40)	CH62	5310	-2.11	10	Pass
11ac (VHT20)	CH52	5260	0.96	10	Pass
11ac (VHT20)	CH60	5300	1.27	10	Pass
11ac (VHT20)	CH64	5320	1.41	10	Pass
11ac (VHT40)	CH54	5270	-2.27	10	Pass
11ac (VHT40)	CH62	5310	-1.96	10	Pass
11ac (VHT80)	CH58	5290	-5.38	10	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Frequency (MHz)	PSD (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH100	5500	1.53	10	Pass
11a	CH116	5580	1.93	10	Pass
11a	CH140	5700	1.41	10	Pass
11a	CH144	5720	1.28	10	Pass
11n (HT20)	CH100	5500	1.28	10	Pass
11n (HT20)	CH116	5580	1.54	10	Pass
11n (HT20)	CH140	5700	1.41	10	Pass
11n (HT20)	CH144	5720	1.47	10	Pass
11n (HT40)	CH102	5510	-1.54	10	Pass
11n (HT40)	CH118	5590	-1.75	10	Pass
11n (HT40)	CH134	5670	-2.03	10	Pass
11n (HT40)	CH142	5710	-1.97	10	Pass
11ac (VHT20)	CH100	5500	1.34	10	Pass
11ac (VHT20)	CH116	5580	1.52	10	Pass
11ac (VHT20)	CH140	5700	1.41	10	Pass
11ac (VHT20)	CH144	5720	1.52	10	Pass
11ac (VHT40)	CH102	5510	-1.52	10	Pass
11ac (VHT40)	CH118	5590	-1.66	10	Pass
11ac (VHT40)	CH134	5670	-2.12	10	Pass
11ac (VHT40)	CH142	5710	-1.95	10	Pass
11ac (VHT80)	CH106	5530	-4.39	10	Pass
11ac (VHT80)	CH122	5610	-5.05	10	Pass
11ac (VHT80)	CH138	5690	-4.97	10	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Frequency (MHz)	PSD (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH144	5720	-1.49	10	Pass
11a	CH149	5745	-1.14	10	Pass
11a	CH157	5785	-0.74	10	Pass
11a	CH165	5825	-1.53	10	Pass
11n (HT20)	CH144	5720	-1.73	10	Pass
11n (HT20)	CH149	5745	-1.60	10	Pass
11n (HT20)	CH157	5785	-0.72	10	Pass
11n (HT20)	CH165	5825	-0.65	10	Pass
11n (HT40)	CH142	5710	-4.51	10	Pass
11n (HT40)	CH151	5755	-4.60	10	Pass
11n (HT40)	CH159	5795	-4.59	10	Pass
11ac (VHT20)	CH144	5720	-1.75	10	Pass
11ac (VHT20)	CH149	5745	-1.63	10	Pass
11ac (VHT20)	CH157	5785	-1.13	10	Pass
11ac (VHT20)	CH165	5825	-0.59	10	Pass
11ac (VHT40)	CH142	5710	-4.83	10	Pass
11ac (VHT40)	CH151	5755	-4.64	10	Pass
11ac (VHT40)	CH159	5795	-4.48	10	Pass
11ac (VHT80)	CH138	5690	-8.14	10	Pass
11ac (VHT80)	CH155	5775	-7.12	10	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	-1.15	11.00	Pass
11a	CH44	-1.29	11.00	Pass
11a	CH48	-1.12	11.00	Pass
11n (HT20)	CH36	-1.54	11.00	Pass
11n (HT20)	CH44	-1.03	11.00	Pass
11n (HT20)	CH48	-1.59	11.00	Pass
11n (HT40)	CH38	-4.54	11.00	Pass
11n (HT40)	CH46	-4.46	11.00	Pass
11ac (VHT20)	CH36	-1.64	11.00	Pass
11ac (VHT20)	CH44	-1.51	11.00	Pass
11ac (VHT20)	CH48	-0.97	11.00	Pass
11ac (VHT40)	CH38	-4.51	11.00	Pass
11ac (VHT40)	CH46	-4.43	11.00	Pass
11ac (VHT80)	CH42	-7.14	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	-1.15	11.00	Pass
11a	CH60	-0.89	11.00	Pass
11a	CH64	-0.74	11.00	Pass
11n (HT20)	CH52	-1.13	11.00	Pass
11n (HT20)	CH60	-1.29	11.00	Pass
11n (HT20)	CH64	-1.22	11.00	Pass
11n (HT40)	CH54	-4.33	11.00	Pass
11n (HT40)	CH62	-4.04	11.00	Pass
11ac (VHT20)	CH52	-1.14	11.00	Pass
11ac (VHT20)	CH60	-1.39	11.00	Pass
11ac (VHT20)	CH64	-1.18	11.00	Pass
11ac (VHT40)	CH54	-4.18	11.00	Pass
11ac (VHT40)	CH62	-4.07	11.00	Pass
11ac (VHT80)	CH58	-7.91	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	-0.23	11.00	Pass
11a	CH116	-0.09	11.00	Pass
11a	CH140	-0.50	11.00	Pass
11a	CH144	-0.45	11.00	Pass
11n (HT20)	CH100	-0.88	11.00	Pass
11n (HT20)	CH116	-0.27	11.00	Pass
11n (HT20)	CH140	-0.72	11.00	Pass
11n (HT20)	CH144	-0.68	11.00	Pass
11n (HT40)	CH102	-2.84	11.00	Pass
11n (HT40)	CH118	-2.90	11.00	Pass
11n (HT40)	CH134	-4.05	11.00	Pass
11n (HT40)	CH142	-3.95	11.00	Pass
11ac (VHT20)	CH100	-0.61	11.00	Pass
11ac (VHT20)	CH116	-0.21	11.00	Pass
11ac (VHT20)	CH140	-0.62	11.00	Pass
11ac (VHT20)	CH144	-0.52	11.00	Pass
11ac (VHT40)	CH102	-3.10	11.00	Pass
11ac (VHT40)	CH118	-2.70	11.00	Pass
11ac (VHT40)	CH134	-3.36	11.00	Pass
11ac (VHT40)	CH142	-3.25	11.00	Pass
11ac (VHT80)	CH106	-6.09	11.00	Pass
11ac (VHT80)	CH122	-5.90	11.00	Pass
11ac (VHT80)	CH138	-6.05	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	-2.46	30.00	Pass
11a	CH149	-2.34	30.00	Pass
11a	CH157	-2.57	30.00	Pass
11a	CH165	-2.04	30.00	Pass
11n (HT20)	CH144	-2.74	30.00	Pass
11n (HT20)	CH149	-2.67	30.00	Pass
11n (HT20)	CH157	-3.07	30.00	Pass
11n (HT20)	CH165	-2.59	30.00	Pass
11n (HT40)	CH142	-6.07	30.00	Pass
11n (HT40)	CH151	-5.62	30.00	Pass
11n (HT40)	CH159	-5.76	30.00	Pass
11ac (VHT20)	CH144	-2.90	30.00	Pass
11ac (VHT20)	CH149	-3.29	30.00	Pass
11ac (VHT20)	CH157	-3.19	30.00	Pass
11ac (VHT20)	CH165	-2.59	30.00	Pass
11ac (VHT40)	CH142	-6.17	30.00	Pass
11ac (VHT40)	CH151	-5.72	30.00	Pass
11ac (VHT40)	CH159	-5.81	30.00	Pass
11ac (VHT80)	CH138	-8.84	30.00	Pass
11ac (VHT80)	CH155	-9.06	30.00	Pass

EIRP PSD

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Frequency (MHz)	PSD (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH36	5180	0.02	10	Pass
11a	CH44	5220	-0.12	10	Pass
11a	CH48	5240	0.05	10	Pass
11n (HT20)	CH36	5180	-0.37	10	Pass
11n (HT20)	CH44	5220	0.14	10	Pass
11n (HT20)	CH48	5240	-0.42	10	Pass
11n (HT40)	CH38	5190	-3.37	10	Pass
11n (HT40)	CH46	5230	-3.29	10	Pass
11ac (VHT20)	CH36	5180	-0.47	10	Pass
11ac (VHT20)	CH44	5220	-0.34	10	Pass
11ac (VHT20)	CH48	5240	0.20	10	Pass
11ac (VHT40)	CH38	5190	-3.34	10	Pass
11ac (VHT40)	CH46	5230	-3.26	10	Pass
11ac (VHT80)	CH42	5210	-5.97	10	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Frequency (MHz)	PSD (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH52	5260	0.02	10	Pass
11a	CH60	5300	0.28	10	Pass
11a	CH64	5320	0.43	10	Pass
11n (HT20)	CH52	5260	0.04	10	Pass
11n (HT20)	CH60	5300	-0.12	10	Pass
11n (HT20)	CH64	5320	-0.05	10	Pass
11n (HT40)	CH54	5270	-3.16	10	Pass
11n (HT40)	CH62	5310	-2.87	10	Pass
11ac (VHT20)	CH52	5260	0.03	10	Pass
11ac (VHT20)	CH60	5300	-0.22	10	Pass
11ac (VHT20)	CH64	5320	-0.01	10	Pass
11ac (VHT40)	CH54	5270	-3.01	10	Pass
11ac (VHT40)	CH62	5310	-2.90	10	Pass
11ac (VHT80)	CH58	5290	-6.74	10	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Frequency (MHz)	PSD (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH100	5500	0.91	10	Pass
11a	CH116	5580	1.06	10	Pass
11a	CH140	5700	0.64	10	Pass
11a	CH144	5720	0.69	10	Pass
11n (HT20)	CH100	5500	0.26	10	Pass
11n (HT20)	CH116	5580	0.87	10	Pass
11n (HT20)	CH140	5700	0.42	10	Pass
11n (HT20)	CH144	5720	0.46	10	Pass
11n (HT40)	CH102	5510	-1.70	10	Pass
11n (HT40)	CH118	5590	-1.76	10	Pass
11n (HT40)	CH134	5670	-2.91	10	Pass
11n (HT40)	CH142	5710	-2.81	10	Pass
11ac (VHT20)	CH100	5500	0.53	10	Pass
11ac (VHT20)	CH116	5580	0.93	10	Pass
11ac (VHT20)	CH140	5700	0.52	10	Pass
11ac (VHT20)	CH144	5720	0.62	10	Pass
11ac (VHT40)	CH102	5510	-1.96	10	Pass
11ac (VHT40)	CH118	5590	-1.56	10	Pass
11ac (VHT40)	CH134	5670	-2.22	10	Pass
11ac (VHT40)	CH142	5710	-2.11	10	Pass
11ac (VHT80)	CH106	5530	-4.95	10	Pass
11ac (VHT80)	CH122	5610	-4.76	10	Pass
11ac (VHT80)	CH138	5690	-4.91	10	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Frequency (MHz)	PSD (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH144	5720	-1.05	10	Pass
11a	CH149	5745	-0.93	10	Pass
11a	CH157	5785	-1.16	10	Pass
11a	CH165	5825	-0.63	10	Pass
11n (HT20)	CH144	5720	-1.33	10	Pass
11n (HT20)	CH149	5745	-1.26	10	Pass
11n (HT20)	CH157	5785	-1.66	10	Pass
11n (HT20)	CH165	5825	-1.18	10	Pass
11n (HT40)	CH142	5710	-4.66	10	Pass
11n (HT40)	CH151	5755	-4.21	10	Pass
11n (HT40)	CH159	5795	-4.35	10	Pass
11ac (VHT20)	CH144	5720	-1.49	10	Pass
11ac (VHT20)	CH149	5745	-1.88	10	Pass
11ac (VHT20)	CH157	5785	-1.78	10	Pass
11ac (VHT20)	CH165	5825	-1.18	10	Pass
11ac (VHT40)	CH142	5710	-4.76	10	Pass
11ac (VHT40)	CH151	5755	-4.31	10	Pass
11ac (VHT40)	CH159	5795	-4.40	10	Pass
11ac (VHT80)	CH138	5690	-7.43	10	Pass
11ac (VHT80)	CH155	5775	-7.65	10	Pass

Total Power

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.23	11.00	Pass
11a	CH44	2.33	11.00	Pass
11a	CH48	2.07	11.00	Pass
11n (HT20)	CH36	1.81	11.00	Pass
11n (HT20)	CH44	2.21	11.00	Pass
11n (HT20)	CH48	1.81	11.00	Pass
11n (HT40)	CH38	-1.09	11.00	Pass
11n (HT40)	CH46	-1.08	11.00	Pass
11ac (VHT20)	CH36	1.72	11.00	Pass
11ac (VHT20)	CH44	1.94	11.00	Pass
11ac (VHT20)	CH48	2.10	11.00	Pass
11ac (VHT40)	CH38	-1.12	11.00	Pass
11ac (VHT40)	CH46	-0.98	11.00	Pass
11ac (VHT80)	CH42	-3.91	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	2.32	11.00	Pass
11a	CH60	2.34	11.00	Pass
11a	CH64	2.43	11.00	Pass
11n (HT20)	CH52	2.07	11.00	Pass
11n (HT20)	CH60	2.14	11.00	Pass
11n (HT20)	CH64	2.01	11.00	Pass
11n (HT40)	CH54	-1.18	11.00	Pass
11n (HT40)	CH62	-0.94	11.00	Pass
11ac (VHT20)	CH52	2.04	11.00	Pass
11ac (VHT20)	CH60	2.10	11.00	Pass
11ac (VHT20)	CH64	2.26	11.00	Pass
11ac (VHT40)	CH54	-1.09	11.00	Pass
11ac (VHT40)	CH62	-0.88	11.00	Pass
11ac (VHT80)	CH58	-4.49	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.99	11.00	Pass
11a	CH116	3.27	11.00	Pass
11a	CH140	2.80	11.00	Pass
11a	CH144	2.76	11.00	Pass
11n (HT20)	CH100	2.56	11.00	Pass
11n (HT20)	CH116	2.97	11.00	Pass
11n (HT20)	CH140	2.70	11.00	Pass
11n (HT20)	CH144	2.75	11.00	Pass
11n (HT40)	CH102	0.14	11.00	Pass
11n (HT40)	CH118	0.01	11.00	Pass
11n (HT40)	CH134	-0.69	11.00	Pass
11n (HT40)	CH142	-0.61	11.00	Pass
11ac (VHT20)	CH100	2.71	11.00	Pass
11ac (VHT20)	CH116	2.99	11.00	Pass
11ac (VHT20)	CH140	2.75	11.00	Pass
11ac (VHT20)	CH144	2.85	11.00	Pass
11ac (VHT40)	CH102	0.03	11.00	Pass
11ac (VHT40)	CH118	0.15	11.00	Pass
11ac (VHT40)	CH134	-0.41	11.00	Pass
11ac (VHT40)	CH142	-0.26	11.00	Pass
11ac (VHT80)	CH106	-2.90	11.00	Pass
11ac (VHT80)	CH122	-3.13	11.00	Pass
11ac (VHT80)	CH138	-3.17	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	0.31	30.00	Pass
11a	CH149	0.53	30.00	Pass
11a	CH157	0.62	30.00	Pass
11a	CH165	0.52	30.00	Pass
11n (HT20)	CH144	0.05	30.00	Pass
11n (HT20)	CH149	0.14	30.00	Pass
11n (HT20)	CH157	0.40	30.00	Pass
11n (HT20)	CH165	0.66	30.00	Pass
11n (HT40)	CH142	-3.01	30.00	Pass
11n (HT40)	CH151	-2.83	30.00	Pass
11n (HT40)	CH159	-2.90	30.00	Pass
11ac (VHT20)	CH144	-0.05	30.00	Pass
11ac (VHT20)	CH149	-0.19	30.00	Pass
11ac (VHT20)	CH157	0.13	30.00	Pass
11ac (VHT20)	CH165	0.69	30.00	Pass
11ac (VHT40)	CH142	-3.22	30.00	Pass
11ac (VHT40)	CH151	-2.90	30.00	Pass
11ac (VHT40)	CH159	-2.87	30.00	Pass
11ac (VHT80)	CH138	-6.20	30.00	Pass
11ac (VHT80)	CH155	-5.81	30.00	Pass

EIRP PSD

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Frequency (MHz)	PSD (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH36	5180	1.33	10	Pass
11a	CH44	5220	1.50	10	Pass
11a	CH48	5240	1.04	10	Pass
11n (HT20)	CH36	5180	0.51	10	Pass
11n (HT20)	CH44	5220	1.32	10	Pass
11n (HT20)	CH48	5240	0.50	10	Pass
11n (HT40)	CH38	5190	-5.30	10	Pass
11n (HT40)	CH46	5230	-5.27	10	Pass
11ac (VHT20)	CH36	5180	0.32	10	Pass
11ac (VHT20)	CH44	5220	0.75	10	Pass
11ac (VHT20)	CH48	5240	1.12	10	Pass
11ac (VHT40)	CH38	5190	-5.35	10	Pass
11ac (VHT40)	CH46	5230	-5.10	10	Pass
11ac (VHT80)	CH42	5210	-10.92	10	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Frequency (MHz)	PSD (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH52	5260	1.50	10	Pass
11a	CH60	5300	1.59	10	Pass
11a	CH64	5320	1.77	10	Pass
11n (HT20)	CH52	5260	1.05	10	Pass
11n (HT20)	CH60	5300	1.15	10	Pass
11n (HT20)	CH64	5320	0.92	10	Pass
11n (HT40)	CH54	5270	-5.45	10	Pass
11n (HT40)	CH62	5310	-4.98	10	Pass
11ac (VHT20)	CH52	5260	0.99	10	Pass
11ac (VHT20)	CH60	5300	1.05	10	Pass
11ac (VHT20)	CH64	5320	1.40	10	Pass
11ac (VHT40)	CH54	5270	-5.28	10	Pass
11ac (VHT40)	CH62	5310	-4.86	10	Pass
11ac (VHT80)	CH58	5290	-12.12	10	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Frequency (MHz)	PSD (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH100	5500	2.44	10	Pass
11a	CH116	5580	2.99	10	Pass
11a	CH140	5700	2.05	10	Pass
11a	CH144	5720	1.97	10	Pass
11n (HT20)	CH100	5500	1.54	10	Pass
11n (HT20)	CH116	5580	2.41	10	Pass
11n (HT20)	CH140	5700	1.83	10	Pass
11n (HT20)	CH144	5720	1.93	10	Pass
11n (HT40)	CH102	5510	-3.24	10	Pass
11n (HT40)	CH118	5590	-3.51	10	Pass
11n (HT40)	CH134	5670	-4.94	10	Pass
11n (HT40)	CH142	5710	-4.78	10	Pass
11ac (VHT20)	CH100	5500	1.87	10	Pass
11ac (VHT20)	CH116	5580	2.45	10	Pass
11ac (VHT20)	CH140	5700	1.93	10	Pass
11ac (VHT20)	CH144	5720	2.14	10	Pass
11ac (VHT40)	CH102	5510	-3.48	10	Pass
11ac (VHT40)	CH118	5590	-3.22	10	Pass
11ac (VHT40)	CH134	5670	-4.34	10	Pass
11ac (VHT40)	CH142	5710	-4.06	10	Pass
11ac (VHT80)	CH106	5530	-9.34	10	Pass
11ac (VHT80)	CH122	5610	-9.81	10	Pass
11ac (VHT80)	CH138	5690	-9.88	10	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Frequency (MHz)	PSD (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH144	5720	-2.54	10	Pass
11a	CH149	5745	-2.07	10	Pass
11a	CH157	5785	-1.90	10	Pass
11a	CH165	5825	-2.16	10	Pass
11n (HT20)	CH144	5720	-3.06	10	Pass
11n (HT20)	CH149	5745	-2.86	10	Pass
11n (HT20)	CH157	5785	-2.38	10	Pass
11n (HT20)	CH165	5825	-1.83	10	Pass
11n (HT40)	CH142	5710	-9.17	10	Pass
11n (HT40)	CH151	5755	-8.81	10	Pass
11n (HT40)	CH159	5795	-8.94	10	Pass
11ac (VHT20)	CH144	5720	-3.24	10	Pass
11ac (VHT20)	CH149	5745	-3.51	10	Pass
11ac (VHT20)	CH157	5785	-2.91	10	Pass
11ac (VHT20)	CH165	5825	-1.77	10	Pass
11ac (VHT40)	CH142	5710	-9.59	10	Pass
11ac (VHT40)	CH151	5755	-8.95	10	Pass
11ac (VHT40)	CH159	5795	-8.88	10	Pass
11ac (VHT80)	CH138	5690	-15.57	10	Pass
11ac (VHT80)	CH155	5775	-14.77	10	Pass

A.5 Conducted Emissions

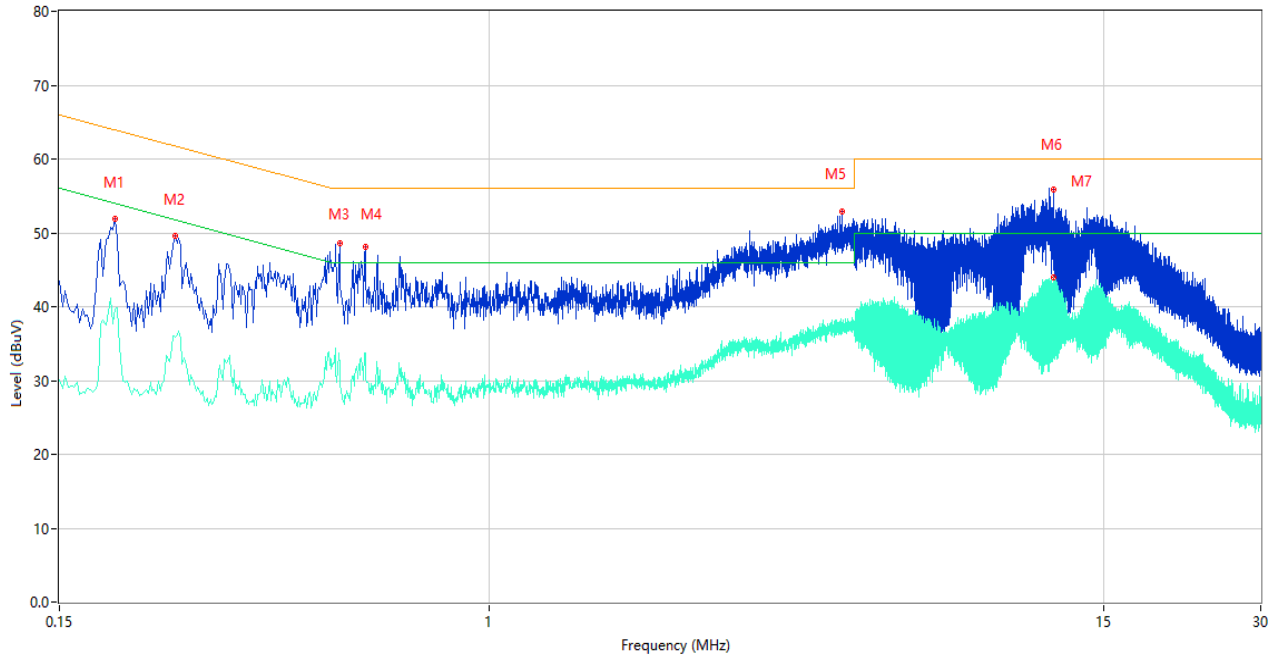
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Test Data and Plots

PHASE L

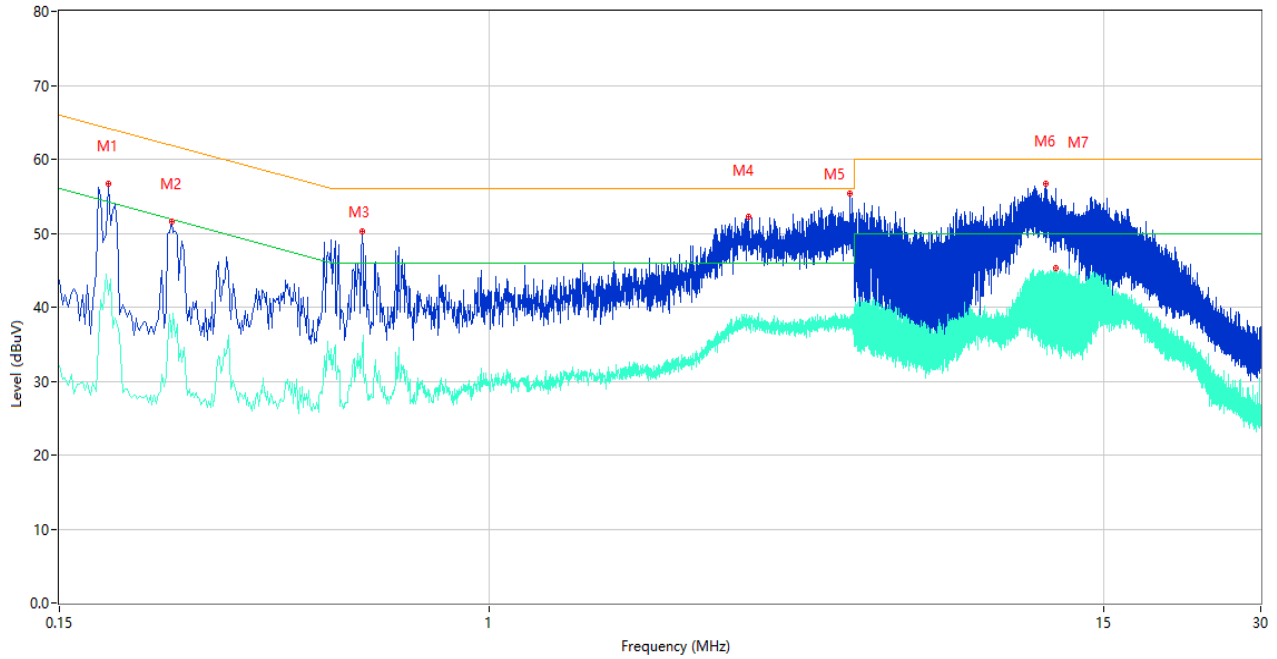
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.192	51.83	10.38	63.95	-12.12	Peak	L	Pass
1**	0.192	39.67	10.38	53.95	-14.28	AV	L	Pass
2	0.250	49.60	10.33	61.76	-12.16	Peak	L	Pass
2**	0.250	35.94	10.33	51.76	-15.82	AV	L	Pass
3	0.516	48.64	10.30	56.00	-7.36	Peak	L	Pass
3**	0.516	31.86	10.30	46.00	-14.14	AV	L	Pass
4	0.578	48.15	10.27	56.00	-7.85	Peak	L	Pass
4**	0.578	33.69	10.27	46.00	-12.31	AV	L	Pass
5	4.746	52.87	10.30	56.00	-3.13	Peak	L	Pass
5**	4.746	37.78	10.30	46.00	-8.22	AV	L	Pass
6	12.052	55.79	10.38	60.00	-4.21	Peak	L	Pass
6**	12.052	34.89	10.38	50.00	-15.11	AV	L	Pass
7	12.030	53.08	10.38	60.00	-6.92	Peak	L	Pass
7**	12.030	44.03	10.38	50.00	-5.97	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.186	56.78	10.39	64.21	-7.43	Peak	N	Pass
1**	0.186	41.60	10.39	54.21	-12.61	AV	N	Pass
2	0.246	51.63	10.34	61.89	-10.26	Peak	N	Pass
2**	0.246	35.86	10.34	51.89	-16.03	AV	N	Pass
3	0.570	50.27	10.27	56.00	-5.73	Peak	N	Pass
3**	0.570	34.22	10.27	46.00	-11.78	AV	N	Pass
4	3.132	52.31	10.28	56.00	-3.69	Peak	N	Pass
4**	3.132	37.40	10.28	46.00	-8.60	AV	N	Pass
5	4.896	55.36	10.32	56.00	-0.64	Peak	N	N/A
5*	4.896	48.27	10.32	56.00	-7.73	QP	N	Pass
5**	4.896	38.44	10.32	46.00	-7.56	AV	N	Pass
6	11.602	56.66	10.38	60.00	-3.34	Peak	N	Pass
6**	11.602	44.13	10.38	50.00	-5.87	AV	N	Pass
7	12.130	53.76	10.39	60.00	-6.24	Peak	N	Pass
7**	12.130	45.23	10.39	50.00	-4.77	AV	N	Pass

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

Test Data

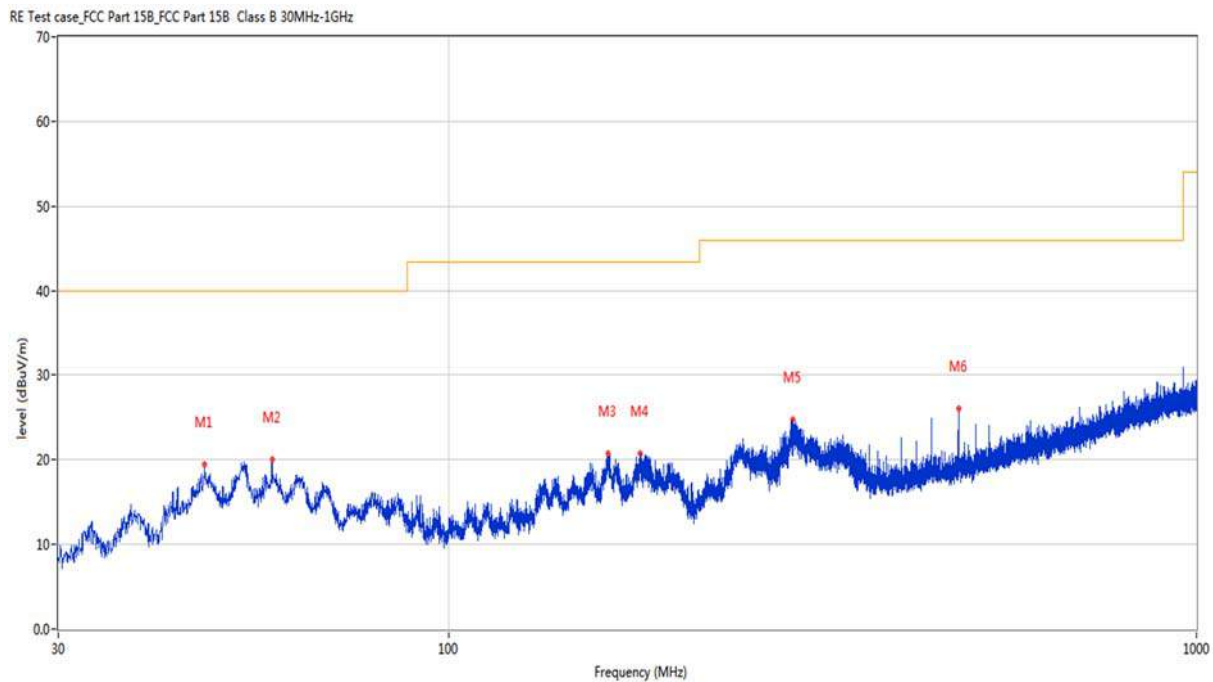
Note¹: The symbol of "--" in the table which means not application.

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

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

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

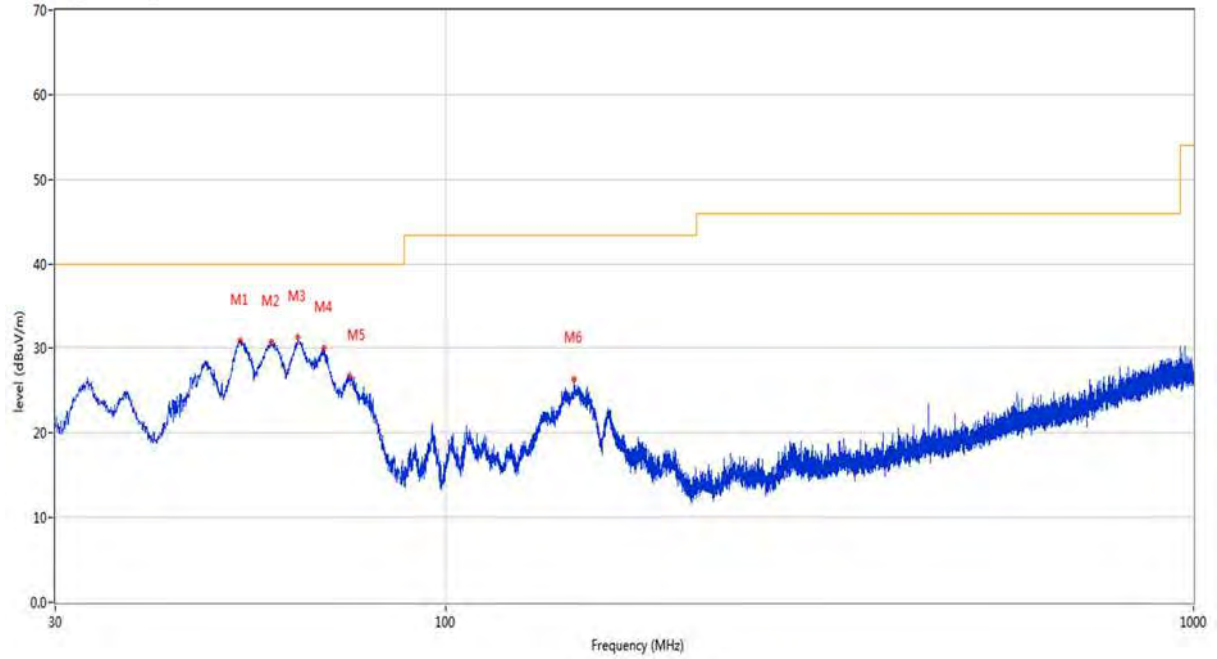
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.072	19.42	-22.87	40.0	-20.58	Peak	269.60	100	Horizontal	Pass
2	57.936	19.96	-24.11	40.0	-20.04	Peak	265.70	100	Horizontal	Pass
3	163.327	20.78	-26.92	43.5	-22.72	Peak	266.30	200	Horizontal	Pass
4	180.156	20.73	-26.03	43.5	-22.77	Peak	270.50	200	Horizontal	Pass
5	288.020	24.68	-21.98	46.0	-21.32	Peak	114.10	100	Horizontal	Pass
6	481.341	26.02	-17.06	46.0	-19.98	Peak	88.80	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	52.989	30.92	-23.00	40.0	-9.08	Peak	175.20	100	Vertical	Pass
2	58.421	30.70	-24.08	40.0	-9.30	Peak	280.80	100	Vertical	Pass
3	63.368	31.22	-24.83	40.0	-8.78	Peak	212.90	100	Vertical	Pass
4	68.606	29.96	-26.21	40.0	-10.04	Peak	162.50	100	Vertical	Pass
5	74.329	26.69	-28.52	40.0	-13.31	Peak	137.30	100	Vertical	Pass
6	148.486	26.29	-28.04	43.5	-17.21	Peak	263.70	100	Vertical	Pass

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

Total Power

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	1223.900	48.75	-14.81	74.0	-25.25	Peak	96.00	150	Horizontal	Pass
1**	1223.900	41.69	-14.81	54.0	-12.31	AV	96.00	150	Horizontal	Pass
2	2798.100	44.59	-8.91	74.0	-29.41	Peak	116.00	150	Horizontal	Pass
2**	2798.100	35.36	-8.91	54.0	-18.64	AV	116.00	150	Horizontal	Pass
3	4980.200	51.17	-1.21	74.0	-22.83	Peak	123.00	150	Horizontal	Pass
3**	4980.200	45.86	-1.21	54.0	-8.14	AV	123.00	150	Horizontal	Pass
4	5181.800	104.74	-0.58	--	95.74	Peak	9.00	150	Horizontal	N/A
4**	5181.800	98.63	-0.58	--	98.63	AV	9.00	150	Horizontal	N/A
5	11796.362	50.47	18.58	74.0	-23.53	Peak	101.00	150	Horizontal	Pass
5**	11796.362	38.22	18.58	54.0	-15.78	AV	101.00	150	Horizontal	Pass
6	15983.475	55.42	24.01	74.0	-18.58	Peak	64.00	150	Horizontal	Pass
6**	15983.475	43.85	24.01	54.0	-10.15	AV	64.00	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	1157.700	46.44	-14.95	74.0	-27.56	Peak	109.00	150	Vertical	Pass
1**	1157.700	39.69	-14.95	54.0	-14.31	AV	109.00	150	Vertical	Pass
2	2726.900	49.58	-8.99	74.0	-24.42	Peak	154.00	150	Vertical	Pass
2**	2726.900	41.46	-8.99	54.0	-12.54	AV	154.00	150	Vertical	Pass
3	4999.400	53.21	-0.90	74.0	-20.79	Peak	148.00	150	Vertical	Pass
3**	4999.400	47.57	-0.90	54.0	-6.43	AV	148.00	150	Vertical	Pass
4	5178.800	100.16	-0.66	--	-150.84	Peak	251.00	150	Vertical	N/A
4**	5178.800	93.98	-0.66	--	93.98	AV	251.00	150	Vertical	N/A
5	11637.950	49.80	20.35	74.0	-24.20	Peak	312.00	150	Vertical	Pass
5**	11637.950	37.87	20.35	54.0	-16.13	AV	312.00	150	Vertical	Pass
6	15918.638	55.78	23.62	74.0	-18.22	Peak	316.00	150	Vertical	Pass
6**	15918.638	43.65	23.62	54.0	-10.35	AV	316.00	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	1218.500	47.91	-14.91	74.0	-26.09	Peak	77.00	150	Horizontal	Pass
1**	1218.500	39.75	-14.91	54.0	-14.25	AV	77.00	150	Horizontal	Pass
2	2746.900	45.37	-9.02	74.0	-28.63	Peak	97.00	150	Horizontal	Pass
2**	2746.900	36.86	-9.02	54.0	-17.14	AV	97.00	150	Horizontal	Pass
3	4981.600	50.22	-1.18	74.0	-23.78	Peak	132.00	150	Horizontal	Pass
3**	4981.600	45.13	-1.18	54.0	-8.87	AV	132.00	150	Horizontal	Pass
4	5221.400	104.54	-0.38	--	104.54	Peak	0.00	150	Horizontal	N/A
4**	5221.400	98.90	-0.38	--	98.90	AV	0.00	150	Horizontal	N/A
5	11825.974	49.37	18.34	74.0	-24.63	Peak	68.00	150	Horizontal	Pass
5**	11825.974	38.01	18.34	54.0	-15.99	AV	68.00	150	Horizontal	Pass
6	15587.625	55.07	23.57	74.0	-18.93	Peak	-2.00	150	Horizontal	Pass
6**	15587.625	43.49	23.57	54.0	-10.51	AV	-2.00	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	1027.200	47.79	-14.52	74.0	-26.21	Peak	256.00	150	Vertical	Pass
1**	1027.200	40.60	-14.52	54.0	-13.40	AV	256.00	150	Vertical	Pass
2	2715.600	48.98	-9.20	74.0	-25.02	Peak	160.00	150	Vertical	Pass
2**	2715.600	39.70	-9.20	54.0	-14.30	AV	160.00	150	Vertical	Pass
3	4998.000	53.55	-0.84	74.0	-20.45	Peak	141.00	150	Vertical	Pass
3**	4998.000	46.54	-0.84	54.0	-7.46	AV	141.00	150	Vertical	Pass
4	5219.000	100.52	-0.20	--	-7.48	Peak	108.00	150	Vertical	N/A
4**	5219.000	94.72	-0.20	--	94.72	AV	108.00	150	Vertical	N/A
5	11667.562	50.13	20.19	74.0	-23.87	Peak	84.00	150	Vertical	Pass
5**	11667.562	38.16	20.19	54.0	-15.84	AV	84.00	150	Vertical	Pass
6	15951.188	55.37	23.95	74.0	-18.63	Peak	216.00	150	Vertical	Pass
6**	15951.188	43.33	23.95	54.0	-10.67	AV	216.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1220.900	47.91	-14.94	74.0	-26.09	Peak	77.00	150	Horizontal	Pass
1**	1220.900	40.31	-14.94	54.0	-13.69	AV	77.00	150	Horizontal	Pass
2	2723.900	44.92	-9.02	74.0	-29.08	Peak	143.00	150	Horizontal	Pass
2**	2723.900	34.84	-9.02	54.0	-19.16	AV	143.00	150	Horizontal	Pass
3	4999.400	52.60	-0.90	74.0	-21.40	Peak	330.00	150	Horizontal	Pass
3**	4999.400	45.56	-0.90	54.0	-8.44	AV	330.00	150	Horizontal	Pass
4	5241.400	104.88	-0.94	--	-208.12	Peak	313.00	150	Horizontal	N/A
4**	5241.400	99.06	-0.94	--	99.06	AV	313.00	150	Horizontal	N/A
5	11677.912	50.09	20.09	74.0	-23.91	Peak	360.00	150	Horizontal	Pass
5**	11677.912	38.02	20.09	54.0	-15.98	AV	360.00	150	Horizontal	Pass
6	15958.537	55.77	23.98	74.0	-18.23	Peak	198.00	150	Horizontal	Pass
6**	15958.537	43.61	23.98	54.0	-10.39	AV	198.00	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	1156.600	46.37	-14.95	74.0	-27.63	Peak	111.00	150	Vertical	Pass
1**	1156.600	36.14	-14.95	54.0	-17.86	AV	111.00	150	Vertical	Pass
2	2721.800	48.63	-9.05	74.0	-25.37	Peak	157.00	150	Vertical	Pass
2**	2721.800	39.60	-9.05	54.0	-14.40	AV	157.00	150	Vertical	Pass
3	4998.600	51.46	-0.85	74.0	-22.54	Peak	145.00	150	Vertical	Pass
3**	4998.600	47.46	-0.85	54.0	-6.54	AV	145.00	150	Vertical	Pass
4	5239.000	101.38	-0.95	--	-143.62	Peak	245.00	150	Vertical	N/A
4**	5239.000	95.15	-0.95	--	95.15	AV	245.00	150	Vertical	N/A
5	11654.625	49.58	20.34	74.0	-24.42	Peak	180.00	150	Vertical	Pass
5**	11654.625	39.50	20.34	54.0	-14.50	AV	180.00	150	Vertical	Pass
6	15804.188	55.69	23.17	74.0	-18.31	Peak	43.00	150	Vertical	Pass
6**	15804.188	44.16	23.17	54.0	-9.84	AV	43.00	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	1222.900	48.76	-14.88	74.0	-25.24	Peak	90.00	150	Horizontal	Pass
1**	1222.900	39.16	-14.88	54.0	-14.84	AV	90.00	150	Horizontal	Pass
2	2781.400	44.76	-8.75	74.0	-29.24	Peak	115.00	150	Horizontal	Pass
2**	2781.400	35.65	-8.75	54.0	-18.35	AV	115.00	150	Horizontal	Pass
3	4998.600	52.67	-0.85	74.0	-21.33	Peak	106.00	150	Horizontal	Pass
3**	4998.600	45.42	-0.85	54.0	-8.58	AV	106.00	150	Horizontal	Pass
4	5184.800	104.58	-0.65	--	91.58	Peak	13.00	150	Horizontal	N/A
4**	5184.800	96.45	-0.65	--	96.45	AV	13.00	150	Horizontal	N/A
5	11649.162	50.19	20.39	74.0	-23.81	Peak	325.00	150	Horizontal	Pass
5**	11649.162	38.81	20.39	54.0	-15.19	AV	325.00	150	Horizontal	Pass
6	15937.537	54.88	23.87	74.0	-19.12	Peak	341.00	150	Horizontal	Pass
6**	15937.537	44.15	23.87	54.0	-9.85	AV	341.00	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	1051.300	46.27	-15.04	74.0	-27.73	Peak	262.00	150	Vertical	Pass
1**	1051.300	37.00	-15.04	54.0	-17.00	AV	262.00	150	Vertical	Pass
2	2719.400	49.02	-9.16	74.0	-24.98	Peak	172.00	150	Vertical	Pass
2**	2719.400	40.72	-9.16	54.0	-13.28	AV	172.00	150	Vertical	Pass
3	4997.200	53.82	-0.89	74.0	-20.18	Peak	138.00	150	Vertical	Pass
3**	4997.200	47.25	-0.89	54.0	-6.75	AV	138.00	150	Vertical	Pass
4	5178.200	99.92	-0.62	--	-150.08	Peak	250.00	150	Vertical	N/A
4**	5178.200	93.30	-0.62	--	93.30	AV	250.00	150	Vertical	N/A
5	11744.900	49.53	19.02	74.0	-24.47	Peak	360.00	150	Vertical	Pass
5**	11744.900	38.95	19.02	54.0	-15.05	AV	360.00	150	Vertical	Pass
6	15961.687	56.34	23.99	74.0	-17.66	Peak	203.00	150	Vertical	Pass
6**	15961.687	43.73	23.99	54.0	-10.27	AV	203.00	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	1218.800	48.66	-14.92	74.0	-25.34	Peak	99.00	150	Horizontal	Pass
1**	1218.800	39.03	-14.92	54.0	-14.97	AV	99.00	150	Horizontal	Pass
2	2740.900	45.10	-9.01	74.0	-28.90	Peak	151.00	150	Horizontal	Pass
2**	2740.900	34.24	-9.01	54.0	-19.76	AV	151.00	150	Horizontal	Pass
3	4977.600	51.21	-1.34	74.0	-22.79	Peak	99.00	150	Horizontal	Pass
3**	4977.600	44.92	-1.34	54.0	-9.08	AV	99.00	150	Horizontal	Pass
4	5218.200	104.22	-0.24	--	82.22	Peak	22.00	150	Horizontal	N/A
4**	5218.200	98.21	-0.24	--	98.21	AV	22.00	150	Horizontal	N/A
5	12362.738	51.11	19.60	74.0	-22.89	Peak	202.00	150	Horizontal	Pass
5**	12362.738	38.85	19.60	54.0	-15.15	AV	202.00	150	Horizontal	Pass
6	15484.200	56.20	23.72	74.0	-17.80	Peak	360.00	150	Horizontal	Pass
6**	15484.200	44.04	23.72	54.0	-9.96	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1032.400	47.78	-14.72	74.0	-26.22	Peak	267.00	150	Vertical	Pass
1**	1032.400	37.51	-14.72	54.0	-16.49	AV	267.00	150	Vertical	Pass
2	2725.000	49.37	-9.00	74.0	-24.63	Peak	159.00	150	Vertical	Pass
2**	2725.000	39.83	-9.00	54.0	-14.17	AV	159.00	150	Vertical	Pass
3	4979.600	52.10	-1.27	74.0	-21.90	Peak	134.00	150	Vertical	Pass
3**	4979.600	48.03	-1.27	54.0	-5.97	AV	134.00	150	Vertical	Pass
4	5218.800	99.82	-0.21	--	-132.18	Peak	232.00	150	Vertical	N/A
4**	5218.800	93.30	-0.21	--	93.30	AV	232.00	150	Vertical	N/A
5	11684.237	50.16	20.01	74.0	-23.84	Peak	145.00	150	Vertical	Pass
5**	11684.237	38.06	20.01	54.0	-15.94	AV	145.00	150	Vertical	Pass
6	15634.612	55.13	23.53	74.0	-18.87	Peak	183.00	150	Vertical	Pass
6**	15634.612	44.05	23.53	54.0	-9.95	AV	183.00	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	1233.600	48.59	-14.75	74.0	-25.41	Peak	87.00	150	Horizontal	Pass
1**	1233.600	40.25	-14.75	54.0	-13.75	AV	87.00	150	Horizontal	Pass
2	2827.800	45.24	-8.50	74.0	-28.76	Peak	110.00	150	Horizontal	Pass
2**	2827.800	34.74	-8.50	54.0	-19.26	AV	110.00	150	Horizontal	Pass
3	4999.400	50.97	-0.90	74.0	-23.03	Peak	101.00	150	Horizontal	Pass
3**	4999.400	44.78	-0.90	54.0	-9.22	AV	101.00	150	Horizontal	Pass
4	5242.000	104.32	-0.92	--	104.32	Peak	0.00	150	Horizontal	N/A
4**	5242.000	98.80	-0.92	--	98.80	AV	0.00	150	Horizontal	N/A
5	11770.776	49.63	18.77	74.0	-24.37	Peak	325.00	150	Horizontal	Pass
5**	11770.776	39.67	18.77	54.0	-14.33	AV	325.00	150	Horizontal	Pass
6	15747.225	55.21	23.39	74.0	-18.79	Peak	341.00	150	Horizontal	Pass
6**	15747.225	42.72	23.39	54.0	-11.28	AV	341.00	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	1067.500	46.73	-14.84	74.0	-27.27	Peak	266.00	150	Vertical	Pass
1**	1067.500	39.55	-14.84	54.0	-14.45	AV	266.00	150	Vertical	Pass
2	2725.000	49.16	-9.00	74.0	-24.84	Peak	151.00	150	Vertical	Pass
2**	2725.000	39.52	-9.00	54.0	-14.48	AV	151.00	150	Vertical	Pass
3	4998.400	53.62	-0.84	74.0	-20.38	Peak	145.00	150	Vertical	Pass
3**	4998.400	47.15	-0.84	54.0	-6.85	AV	145.00	150	Vertical	Pass
4	5235.000	100.30	-0.76	--	-145.70	Peak	246.00	150	Vertical	N/A
4**	5235.000	93.50	-0.76	--	93.50	AV	246.00	150	Vertical	N/A
5	11661.813	49.95	20.25	74.0	-24.05	Peak	258.00	150	Vertical	Pass
5**	11661.813	40.75	20.25	54.0	-13.25	AV	258.00	150	Vertical	Pass
6	15961.950	55.20	23.99	74.0	-18.80	Peak	119.00	150	Vertical	Pass
6**	15961.950	43.20	23.99	54.0	-10.80	AV	119.00	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	1223.600	48.40	-14.83	74.0	-25.60	Peak	83.00	150	Horizontal	Pass
1**	1223.600	39.39	-14.83	54.0	-14.61	AV	83.00	150	Horizontal	Pass
2	2792.100	44.56	-8.95	74.0	-29.44	Peak	105.00	150	Horizontal	Pass
2**	2792.100	33.66	-8.95	54.0	-20.34	AV	105.00	150	Horizontal	Pass
3	4995.400	53.28	-1.00	74.0	-20.72	Peak	77.00	150	Horizontal	Pass
3**	4995.400	44.84	-1.00	54.0	-9.16	AV	77.00	150	Horizontal	Pass
4	5193.000	101.79	-0.63	--	-214.21	Peak	316.00	150	Horizontal	N/A
4**	5193.000	95.12	-0.63	--	95.12	AV	316.00	150	Horizontal	N/A
5	11748.924	49.98	18.96	74.0	-24.02	Peak	13.00	150	Horizontal	Pass
5**	11748.924	38.63	18.96	54.0	-15.37	AV	13.00	150	Horizontal	Pass
6	15736.200	55.14	23.48	74.0	-18.86	Peak	-2.00	150	Horizontal	Pass
6**	15736.200	42.96	23.48	54.0	-11.04	AV	-2.00	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	1033.200	48.30	-14.78	74.0	-25.70	Peak	248.00	150	Vertical	Pass
1**	1033.200	37.48	-14.78	54.0	-16.52	AV	248.00	150	Vertical	Pass
2	2727.500	49.11	-8.99	74.0	-24.89	Peak	150.00	150	Vertical	Pass
2**	2727.500	40.25	-8.99	54.0	-13.75	AV	150.00	150	Vertical	Pass
3	4991.000	54.22	-1.03	74.0	-19.78	Peak	133.00	150	Vertical	Pass
3**	4991.000	45.75	-1.03	54.0	-8.25	AV	133.00	150	Vertical	Pass
4	5187.200	96.87	-0.70	--	-141.13	Peak	238.00	150	Vertical	N/A
4**	5187.200	90.63	-0.70	--	90.63	AV	238.00	150	Vertical	N/A
5	11692.287	49.61	19.92	74.0	-24.39	Peak	122.00	150	Vertical	Pass
5**	11692.287	38.51	19.92	54.0	-15.49	AV	122.00	150	Vertical	Pass
6	15969.825	56.19	24.00	74.0	-17.81	Peak	55.00	150	Vertical	Pass
6**	15969.825	43.00	24.00	54.0	-11.00	AV	55.00	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	1219.400	48.12	-14.92	74.0	-25.88	Peak	86.00	150	Horizontal	Pass
1**	1219.400	39.81	-14.92	54.0	-14.19	AV	86.00	150	Horizontal	Pass
2	2778.900	45.17	-8.67	74.0	-28.83	Peak	116.00	150	Horizontal	Pass
2**	2778.900	35.10	-8.67	54.0	-18.90	AV	116.00	150	Horizontal	Pass
3	4977.800	51.05	-1.33	74.0	-22.95	Peak	85.00	150	Horizontal	Pass
3**	4977.800	44.50	-1.33	54.0	-9.50	AV	85.00	150	Horizontal	Pass
4	5232.800	102.36	-0.61	--	83.36	Peak	19.00	150	Horizontal	N/A
4**	5232.800	96.54	-0.61	--	96.54	AV	19.00	150	Horizontal	N/A
5	11661.525	50.28	20.25	74.0	-23.72	Peak	84.00	150	Horizontal	Pass
5**	11661.525	39.65	20.25	54.0	-14.35	AV	84.00	150	Horizontal	Pass
6	15939.375	56.68	23.90	74.0	-17.32	Peak	299.00	150	Horizontal	Pass
6**	15939.375	43.75	23.90	54.0	-10.25	AV	299.00	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	1007.300	44.60	-14.32	74.0	-29.40	Peak	256.00	150	Vertical	Pass
1**	1007.300	38.37	-14.32	54.0	-15.63	AV	256.00	150	Vertical	Pass
2	2726.500	48.98	-8.99	74.0	-25.02	Peak	171.00	150	Vertical	Pass
2**	2726.500	39.05	-8.99	54.0	-14.95	AV	171.00	150	Vertical	Pass
3	4977.600	53.61	-1.34	74.0	-20.39	Peak	148.00	150	Vertical	Pass
3**	4977.600	46.93	-1.34	54.0	-7.07	AV	148.00	150	Vertical	Pass
4	5231.800	97.65	-0.51	--	-137.35	Peak	235.00	150	Vertical	N/A
4**	5231.800	90.78	-0.51	--	90.78	AV	235.00	150	Vertical	N/A
5	11749.213	50.34	18.96	74.0	-23.66	Peak	197.00	150	Vertical	Pass
5**	11749.213	38.57	18.96	54.0	-15.43	AV	197.00	150	Vertical	Pass
6	15628.838	55.73	23.50	74.0	-18.27	Peak	-2.00	150	Vertical	Pass
6**	15628.838	44.07	23.50	54.0	-9.93	AV	-2.00	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	1224.800	48.28	-14.88	74.0	-25.72	Peak	83.00	150	Horizontal	Pass
1**	1224.800	40.20	-14.88	54.0	-13.80	AV	83.00	150	Horizontal	Pass
2	2775.200	45.35	-8.59	74.0	-28.65	Peak	114.00	150	Horizontal	Pass
2**	2775.200	34.56	-8.59	54.0	-19.44	AV	114.00	150	Horizontal	Pass
3	4999.200	52.36	-0.89	74.0	-21.64	Peak	81.00	150	Horizontal	Pass
3**	4999.200	46.21	-0.89	54.0	-7.79	AV	81.00	150	Horizontal	Pass
4	5182.800	104.45	-0.57	--	-216.55	Peak	321.00	150	Horizontal	N/A
4**	5182.800	97.75	-0.57	--	97.75	AV	321.00	150	Horizontal	N/A
5	11714.425	49.63	19.55	74.0	-24.37	Peak	360.00	150	Horizontal	Pass
5**	11714.425	37.65	19.55	54.0	-16.35	AV	360.00	150	Horizontal	Pass
6	15921.263	55.61	23.66	74.0	-18.39	Peak	10.00	150	Horizontal	Pass
6**	15921.263	44.13	23.66	54.0	-9.87	AV	10.00	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	1142.300	46.79	-15.10	74.0	-27.21	Peak	105.00	150	Vertical	Pass
1**	1142.300	38.25	-15.10	54.0	-15.75	AV	105.00	150	Vertical	Pass
2	2729.900	49.38	-9.03	74.0	-24.62	Peak	167.00	150	Vertical	Pass
2**	2729.900	39.58	-9.03	54.0	-14.42	AV	167.00	150	Vertical	Pass
3	4999.200	53.32	-0.89	74.0	-20.68	Peak	128.00	150	Vertical	Pass
3**	4999.200	47.43	-0.89	54.0	-6.57	AV	128.00	150	Vertical	Pass
4	5177.800	100.74	-0.60	--	-147.26	Peak	248.00	150	Vertical	N/A
4**	5177.800	92.83	-0.60	--	92.83	AV	248.00	150	Vertical	N/A
5	11733.687	50.04	19.21	74.0	-23.96	Peak	282.00	150	Vertical	Pass
5**	11733.687	38.89	19.21	54.0	-15.11	AV	282.00	150	Vertical	Pass
6	15523.049	56.11	23.76	74.0	-17.89	Peak	227.00	150	Vertical	Pass
6**	15523.049	43.11	23.76	54.0	-10.89	AV	227.00	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	1219.100	48.33	-14.92	74.0	-25.67	Peak	70.00	150	Horizontal	Pass
1**	1219.100	38.63	-14.92	54.0	-15.37	AV	70.00	150	Horizontal	Pass
2	2874.600	46.30	-8.25	74.0	-27.70	Peak	122.00	150	Horizontal	Pass
2**	2874.600	34.94	-8.25	54.0	-19.06	AV	122.00	150	Horizontal	Pass
3	4998.200	50.95	-0.83	74.0	-23.05	Peak	102.00	150	Horizontal	Pass
3**	4998.200	45.60	-0.83	54.0	-8.40	AV	102.00	150	Horizontal	Pass
4	5221.200	105.33	-0.37	--	-181.67	Peak	287.00	150	Horizontal	N/A
4**	5221.200	99.01	-0.37	--	99.01	AV	287.00	150	Horizontal	N/A
5	11668.138	50.73	20.19	74.0	-23.27	Peak	180.00	150	Horizontal	Pass
5**	11668.138	39.27	20.19	54.0	-14.73	AV	180.00	150	Horizontal	Pass
6	15727.013	55.04	23.47	74.0	-18.96	Peak	114.00	150	Horizontal	Pass
6**	15727.013	42.85	23.47	54.0	-11.15	AV	114.00	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	1147.600	47.23	-14.93	74.0	-26.77	Peak	120.00	150	Vertical	Pass
1**	1147.600	39.40	-14.93	54.0	-14.60	AV	120.00	150	Vertical	Pass
2	2718.200	49.49	-9.20	74.0	-24.51	Peak	150.00	150	Vertical	Pass
2**	2718.200	40.70	-9.20	54.0	-13.30	AV	150.00	150	Vertical	Pass
3	4997.600	50.54	-0.86	74.0	-23.46	Peak	138.00	150	Vertical	Pass
3**	4997.600	47.29	-0.86	54.0	-6.71	AV	138.00	150	Vertical	Pass
4	5221.600	100.31	-0.38	--	-128.69	Peak	229.00	150	Vertical	N/A
4**	5221.600	93.12	-0.38	--	93.12	AV	229.00	150	Vertical	N/A
5	11759.563	49.72	18.85	74.0	-24.28	Peak	328.00	150	Vertical	Pass
5**	11759.563	38.64	18.85	54.0	-15.36	AV	328.00	150	Vertical	Pass
6	15489.713	55.37	23.81	74.0	-18.63	Peak	296.00	150	Vertical	Pass
6**	15489.713	43.23	23.81	54.0	-10.77	AV	296.00	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	1233.100	48.73	-14.73	74.0	-25.27	Peak	110.00	150	Horizontal	Pass
1**	1233.100	40.66	-14.73	54.0	-13.34	AV	110.00	150	Horizontal	Pass
2	2783.200	46.05	-8.76	74.0	-27.95	Peak	110.00	150	Horizontal	Pass
2**	2783.200	34.99	-8.76	54.0	-19.01	AV	110.00	150	Horizontal	Pass
3	4979.000	50.50	-1.32	74.0	-23.50	Peak	109.00	150	Horizontal	Pass
3**	4979.000	45.20	-1.32	54.0	-8.80	AV	109.00	150	Horizontal	Pass
4	5243.200	104.71	-0.87	--	92.71	Peak	12.00	150	Horizontal	N/A
4**	5243.200	97.45	-0.87	--	97.45	AV	12.00	150	Horizontal	N/A
5	11747.488	50.14	18.98	74.0	-23.86	Peak	161.00	150	Horizontal	Pass
5**	11747.488	38.15	18.98	54.0	-15.85	AV	161.00	150	Horizontal	Pass
6	15946.463	55.40	23.93	74.0	-18.60	Peak	111.00	150	Horizontal	Pass
6**	15946.463	43.68	23.93	54.0	-10.32	AV	111.00	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	1142.600	46.55	-15.09	74.0	-27.45	Peak	118.00	150	Vertical	Pass
1**	1142.600	37.25	-15.09	54.0	-16.75	AV	118.00	150	Vertical	Pass
2	2723.600	48.86	-9.02	74.0	-25.14	Peak	333.00	150	Vertical	Pass
2**	2723.600	39.77	-9.02	54.0	-14.23	AV	333.00	150	Vertical	Pass
3	4999.600	54.19	-0.91	74.0	-19.81	Peak	153.00	150	Vertical	Pass
3**	4999.600	47.84	-0.91	54.0	-6.16	AV	153.00	150	Vertical	Pass
4	5242.400	100.33	-0.91	--	-124.67	Peak	225.00	150	Vertical	N/A
4**	5242.400	92.46	-0.91	--	92.46	AV	225.00	150	Vertical	N/A
5	11665.263	49.47	20.22	74.0	-24.53	Peak	242.00	150	Vertical	Pass
5**	11665.263	39.15	20.22	54.0	-14.85	AV	242.00	150	Vertical	Pass
6	15882.150	55.17	23.34	74.0	-18.83	Peak	-2.00	150	Vertical	Pass
6**	15882.150	43.46	23.34	54.0	-10.54	AV	-2.00	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	1223.700	49.05	-14.82	74.0	-24.95	Peak	94.00	150	Horizontal	Pass
1**	1223.700	40.11	-14.82	54.0	-13.89	AV	94.00	150	Horizontal	Pass
2	2766.500	45.39	-8.89	74.0	-28.61	Peak	126.00	150	Horizontal	Pass
2**	2766.500	34.77	-8.89	54.0	-19.23	AV	126.00	150	Horizontal	Pass
3	4996.400	51.51	-0.94	74.0	-22.49	Peak	32.00	150	Horizontal	Pass
3**	4996.400	44.96	-0.94	54.0	-9.04	AV	32.00	150	Horizontal	Pass
4	5193.000	101.68	-0.63	--	-217.32	Peak	319.00	150	Horizontal	N/A
4**	5193.000	94.86	-0.63	--	94.86	AV	319.00	150	Horizontal	N/A
5	11773.362	50.09	18.76	74.0	-23.91	Peak	322.00	150	Horizontal	Pass
5**	11773.362	38.67	18.76	54.0	-15.33	AV	322.00	150	Horizontal	Pass
6	15593.400	55.62	23.56	74.0	-18.38	Peak	305.00	150	Horizontal	Pass
6**	15593.400	44.03	23.56	54.0	-9.97	AV	305.00	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	1064.700	46.73	-14.89	74.0	-27.27	Peak	252.00	150	Vertical	Pass
1**	1064.700	37.45	-14.89	54.0	-16.55	AV	252.00	150	Vertical	Pass
2	2731.100	49.32	-9.03	74.0	-24.68	Peak	171.00	150	Vertical	Pass
2**	2731.100	39.89	-9.03	54.0	-14.11	AV	171.00	150	Vertical	Pass
3	4980.400	53.08	-1.20	74.0	-20.92	Peak	129.00	150	Vertical	Pass
3**	4980.400	46.70	-1.20	54.0	-7.30	AV	129.00	150	Vertical	Pass
4	5199.200	97.15	-0.72	--	26.15	Peak	71.00	150	Vertical	N/A
4**	5199.200	89.56	-0.72	--	89.56	AV	71.00	150	Vertical	N/A
5	12338.013	52.01	19.80	74.0	-21.99	Peak	120.00	150	Vertical	Pass
5**	12338.013	39.18	19.80	54.0	-14.82	AV	120.00	150	Vertical	Pass
6	15588.150	55.28	23.56	74.0	-18.72	Peak	200.00	150	Vertical	Pass
6**	15588.150	44.34	23.56	54.0	-9.66	AV	200.00	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	1208.500	47.59	-14.92	74.0	-26.41	Peak	109.00	150	Horizontal	Pass
1**	1208.500	38.43	-14.92	54.0	-15.57	AV	109.00	150	Horizontal	Pass
2	2801.900	45.71	-8.69	74.0	-28.29	Peak	109.00	150	Horizontal	Pass
2**	2801.900	33.54	-8.69	54.0	-20.46	AV	109.00	150	Horizontal	Pass
3	4998.000	50.97	-0.84	74.0	-23.03	Peak	68.00	150	Horizontal	Pass
3**	4998.000	44.99	-0.84	54.0	-9.01	AV	68.00	150	Horizontal	Pass
4	5232.000	102.14	-0.52	--	83.14	Peak	19.00	150	Horizontal	N/A
4**	5232.000	96.43	-0.52	--	96.43	AV	19.00	150	Horizontal	N/A
5	11641.687	50.11	20.37	74.0	-23.89	Peak	321.00	150	Horizontal	Pass
5**	11641.687	41.03	20.37	54.0	-12.97	AV	321.00	150	Horizontal	Pass
6	15524.100	55.67	23.76	74.0	-18.33	Peak	163.00	150	Horizontal	Pass
6**	15524.100	44.47	23.76	54.0	-9.53	AV	163.00	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	1064.200	46.99	-14.87	74.0	-27.01	Peak	273.00	150	Vertical	Pass
1**	1064.200	37.18	-14.87	54.0	-16.82	AV	273.00	150	Vertical	Pass
2	2722.600	48.67	-9.03	74.0	-25.33	Peak	162.00	150	Vertical	Pass
2**	2722.600	41.64	-9.03	54.0	-12.36	AV	162.00	150	Vertical	Pass
3	4991.600	50.35	-1.00	74.0	-23.65	Peak	135.00	150	Vertical	Pass
3**	4991.600	47.30	-1.00	54.0	-6.70	AV	135.00	150	Vertical	Pass
4	5231.400	97.76	-0.51	--	-130.24	Peak	228.00	150	Vertical	N/A
4**	5231.400	90.97	-0.51	--	90.97	AV	228.00	150	Vertical	N/A
5	11654.625	50.43	20.34	74.0	-23.57	Peak	182.00	150	Vertical	Pass
5**	11654.625	39.11	20.34	54.0	-14.89	AV	182.00	150	Vertical	Pass
6	15598.387	55.96	23.55	74.0	-18.04	Peak	360.00	150	Vertical	Pass
6**	15598.387	44.41	23.55	54.0	-9.59	AV	360.00	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	1223.200	48.07	-14.86	74.0	-25.93	Peak	98.00	150	Horizontal	Pass
1**	1223.200	40.00	-14.86	54.0	-14.00	AV	98.00	150	Horizontal	Pass
2	2775.100	44.87	-8.60	74.0	-29.13	Peak	130.00	150	Horizontal	Pass
2**	2775.100	36.19	-8.60	54.0	-17.81	AV	130.00	150	Horizontal	Pass
3	4978.000	50.68	-1.33	74.0	-23.32	Peak	114.00	150	Horizontal	Pass
3**	4978.000	44.86	-1.33	54.0	-9.14	AV	114.00	150	Horizontal	Pass
4	5208.000	98.18	-0.38	--	-198.82	Peak	297.00	150	Horizontal	N/A
4**	5208.000	90.16	-0.38	--	90.16	AV	297.00	150	Horizontal	N/A
5	11713.849	50.09	19.56	74.0	-23.91	Peak	334.00	150	Horizontal	Pass
5**	11713.849	38.50	19.56	54.0	-15.50	AV	334.00	150	Horizontal	Pass
6	15473.438	55.08	23.61	74.0	-18.92	Peak	-2.00	150	Horizontal	Pass
6**	15473.438	43.32	23.61	54.0	-10.68	AV	-2.00	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	1029.100	46.89	-14.48	74.0	-27.11	Peak	250.00	150	Vertical	Pass
1**	1029.100	38.01	-14.48	54.0	-15.99	AV	250.00	150	Vertical	Pass
2	2730.700	49.05	-9.05	74.0	-24.95	Peak	169.00	150	Vertical	Pass
2**	2730.700	40.22	-9.05	54.0	-13.78	AV	169.00	150	Vertical	Pass
3	4985.000	54.39	-1.26	74.0	-19.61	Peak	147.00	150	Vertical	Pass
3**	4985.000	47.79	-1.26	54.0	-6.21	AV	147.00	150	Vertical	Pass
4	5202.800	95.39	-0.47	--	36.39	Peak	59.00	150	Vertical	N/A
4**	5202.800	87.96	-0.47	--	87.96	AV	59.00	150	Vertical	N/A
5	11675.900	49.85	20.11	74.0	-24.15	Peak	136.00	150	Vertical	Pass
5**	11675.900	38.61	20.11	54.0	-15.39	AV	136.00	150	Vertical	Pass
6	15601.275	55.41	23.54	74.0	-18.59	Peak	360.00	150	Vertical	Pass
6**	15601.275	43.52	23.54	54.0	-10.48	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1157.600	49.19	-14.95	74.0	-24.81	Peak	141.00	150	Horizontal	Pass
1**	1157.600	40.43	-14.95	54.0	-13.57	AV	141.00	150	Horizontal	Pass
2	2723.000	49.50	-9.02	74.0	-24.50	Peak	154.00	150	Horizontal	Pass
2**	2723.000	39.75	-9.02	54.0	-14.25	AV	154.00	150	Horizontal	Pass
3	4994.000	51.33	-1.06	74.0	-22.67	Peak	298.00	150	Horizontal	Pass
3**	4994.000	40.92	-1.06	54.0	-13.08	AV	298.00	150	Horizontal	Pass
4	5261.600	104.25	-1.05	--	74.25	Peak	30.00	150	Horizontal	N/A
4**	5261.600	97.98	-1.05	--	97.98	AV	30.00	150	Horizontal	N/A
5	12284.826	49.60	20.17	74.0	-24.40	Peak	105.00	150	Horizontal	Pass
5**	12284.826	37.18	20.17	54.0	-16.82	AV	105.00	150	Horizontal	Pass
6	15650.625	54.79	23.52	74.0	-19.21	Peak	220.00	150	Horizontal	Pass
6**	15650.625	43.49	23.52	54.0	-10.51	AV	220.00	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	1223.300	48.35	-14.85	74.0	-25.65	Peak	229.00	150	Vertical	Pass
1**	1223.300	40.79	-14.85	54.0	-13.21	AV	229.00	150	Vertical	Pass
2	2753.600	48.56	-9.07	74.0	-25.44	Peak	267.00	150	Vertical	Pass
2**	2753.600	38.72	-9.07	54.0	-15.28	AV	267.00	150	Vertical	Pass
3	4981.800	52.46	-1.21	74.0	-21.54	Peak	0.00	150	Vertical	Pass
3**	4981.800	38.90	-1.21	54.0	-15.10	AV	0.00	150	Vertical	Pass
4	5260.800	102.25	-1.05	--	-12.75	Peak	115.00	150	Vertical	N/A
4**	5260.800	95.74	-1.05	--	95.74	AV	115.00	150	Vertical	N/A
5	12269.300	50.11	20.31	74.0	-23.89	Peak	106.00	150	Vertical	Pass
5**	12269.300	37.90	20.31	54.0	-16.10	AV	106.00	150	Vertical	Pass
6	15727.275	54.78	23.47	74.0	-19.22	Peak	113.00	150	Vertical	Pass
6**	15727.275	43.62	23.47	54.0	-10.38	AV	113.00	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	1166.600	49.97	-14.97	74.0	-24.03	Peak	155.00	150	Horizontal	Pass
1**	1166.600	42.53	-14.97	54.0	-11.47	AV	155.00	150	Horizontal	Pass
2	2718.700	49.24	-9.18	74.0	-24.76	Peak	155.00	150	Horizontal	Pass
2**	2718.700	41.62	-9.18	54.0	-12.38	AV	155.00	150	Horizontal	Pass
3	4995.800	51.29	-0.98	74.0	-22.71	Peak	299.00	150	Horizontal	Pass
3**	4995.800	39.31	-0.98	54.0	-14.69	AV	299.00	150	Horizontal	Pass
4	5301.600	106.79	0.29	--	75.79	Peak	31.00	150	Horizontal	N/A
4**	5301.600	101.69	0.29	--	101.69	AV	31.00	150	Horizontal	N/A
5	11791.188	49.60	18.62	74.0	-24.40	Peak	47.00	150	Horizontal	Pass
5**	11791.188	37.35	18.62	54.0	-16.65	AV	47.00	150	Horizontal	Pass
6	15906.562	54.61	23.39	74.0	-19.39	Peak	288.00	150	Horizontal	Pass
6**	15906.562	42.47	23.39	54.0	-11.53	AV	288.00	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	1222.400	48.14	-14.92	74.0	-25.86	Peak	224.00	150	Vertical	Pass
1**	1222.400	39.35	-14.92	54.0	-14.65	AV	224.00	150	Vertical	Pass
2	2731.200	48.66	-9.03	74.0	-25.34	Peak	262.00	150	Vertical	Pass
2**	2731.200	40.15	-9.03	54.0	-13.85	AV	262.00	150	Vertical	Pass
3	4999.400	51.86	-0.90	74.0	-22.14	Peak	287.00	150	Vertical	Pass
3**	4999.400	40.69	-0.90	54.0	-13.31	AV	287.00	150	Vertical	Pass
4	5305.400	103.39	0.27	--	-23.61	Peak	127.00	150	Vertical	N/A
4**	5305.400	97.18	0.27	--	97.18	AV	127.00	150	Vertical	N/A
5	11723.625	49.87	19.39	74.0	-24.13	Peak	72.00	150	Vertical	Pass
5**	11723.625	37.56	19.39	54.0	-16.44	AV	72.00	150	Vertical	Pass
6	15534.075	54.80	23.72	74.0	-19.20	Peak	0.00	150	Vertical	Pass
6**	15534.075	43.57	23.72	54.0	-10.43	AV	0.00	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	1151.100	49.54	-14.93	74.0	-24.46	Peak	149.00	150	Horizontal	Pass
1**	1151.100	40.97	-14.93	54.0	-13.03	AV	149.00	150	Horizontal	Pass
2	2738.300	49.71	-8.98	74.0	-24.29	Peak	149.00	150	Horizontal	Pass
2**	2738.300	39.81	-8.98	54.0	-14.19	AV	149.00	150	Horizontal	Pass
3	4998.400	51.72	-0.84	74.0	-22.28	Peak	154.00	150	Horizontal	Pass
3**	4998.400	43.62	-0.84	54.0	-10.38	AV	154.00	150	Horizontal	Pass
4	5319.600	106.85	0.07	--	84.85	Peak	22.00	150	Horizontal	N/A
4**	5319.600	100.30	0.07	--	100.30	AV	22.00	150	Horizontal	N/A
5	12101.687	49.84	19.42	74.0	-24.16	Peak	161.00	150	Horizontal	Pass
5**	12101.687	37.99	19.42	54.0	-16.01	AV	161.00	150	Horizontal	Pass
6	15941.737	55.00	23.91	74.0	-19.00	Peak	214.00	150	Horizontal	Pass
6**	15941.737	44.09	23.91	54.0	-9.91	AV	214.00	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	1221.200	48.50	-14.94	74.0	-25.50	Peak	227.00	150	Vertical	Pass
1**	1221.200	39.30	-14.94	54.0	-14.70	AV	227.00	150	Vertical	Pass
2	2720.300	48.25	-9.13	74.0	-25.75	Peak	259.00	150	Vertical	Pass
2**	2720.300	38.98	-9.13	54.0	-15.02	AV	259.00	150	Vertical	Pass
3	4995.800	51.85	-0.98	74.0	-22.15	Peak	0.00	150	Vertical	Pass
3**	4995.800	38.91	-0.98	54.0	-15.09	AV	0.00	150	Vertical	Pass
4	5324.400	103.38	-0.12	--	-21.62	Peak	125.00	150	Vertical	N/A
4**	5324.400	95.14	-0.12	--	95.14	AV	125.00	150	Vertical	N/A
5	12412.188	49.33	19.04	74.0	-24.67	Peak	215.00	150	Vertical	Pass
5**	12412.188	37.25	19.04	54.0	-16.75	AV	215.00	150	Vertical	Pass
6	15468.450	54.49	23.58	74.0	-19.51	Peak	162.00	150	Vertical	Pass
6**	15468.450	43.38	23.58	54.0	-10.62	AV	162.00	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	1185.800	49.92	-15.12	74.0	-24.08	Peak	152.00	150	Horizontal	Pass
1**	1185.800	39.75	-15.12	54.0	-14.25	AV	152.00	150	Horizontal	Pass
2	2738.100	48.86	-8.98	74.0	-25.14	Peak	145.00	150	Horizontal	Pass
2**	2738.100	40.18	-8.98	54.0	-13.82	AV	145.00	150	Horizontal	Pass
3	4984.200	52.74	-1.31	74.0	-21.26	Peak	288.00	150	Horizontal	Pass
3**	4984.200	38.20	-1.31	54.0	-15.80	AV	288.00	150	Horizontal	Pass
4	5258.400	104.57	-1.05	--	74.57	Peak	30.00	150	Horizontal	N/A
4**	5258.400	97.31	-1.05	--	97.31	AV	30.00	150	Horizontal	N/A
5	12168.674	49.26	20.14	74.0	-24.74	Peak	87.00	150	Horizontal	Pass
5**	12168.674	37.16	20.14	54.0	-16.84	AV	87.00	150	Horizontal	Pass
6	15897.638	54.64	23.28	74.0	-19.36	Peak	62.00	150	Horizontal	Pass
6**	15897.638	42.74	23.28	54.0	-11.26	AV	62.00	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	1209.400	46.06	-14.91	74.0	-27.94	Peak	229.00	150	Vertical	Pass
1**	1209.400	36.09	-14.91	54.0	-17.91	AV	229.00	150	Vertical	Pass
2	2719.900	48.39	-9.15	74.0	-25.61	Peak	257.00	150	Vertical	Pass
2**	2719.900	38.32	-9.15	54.0	-15.68	AV	257.00	150	Vertical	Pass
3	4987.800	51.11	-1.20	74.0	-22.89	Peak	360.00	150	Vertical	Pass
3**	4987.800	39.55	-1.20	54.0	-14.45	AV	360.00	150	Vertical	Pass
4	5262.600	102.18	-0.96	--	-13.82	Peak	116.00	150	Vertical	N/A
4**	5262.600	97.16	-0.96	--	97.16	AV	116.00	150	Vertical	N/A
5	12263.838	49.33	20.36	74.0	-24.67	Peak	87.00	150	Vertical	Pass
5**	12263.838	38.92	20.36	54.0	-15.08	AV	87.00	150	Vertical	Pass
6	15614.137	54.63	23.48	74.0	-19.37	Peak	309.00	150	Vertical	Pass
6**	15614.137	42.69	23.48	54.0	-11.31	AV	309.00	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	1154.600	48.39	-14.93	74.0	-25.61	Peak	128.00	150	Horizontal	Pass
1**	1154.600	39.01	-14.93	54.0	-14.99	AV	128.00	150	Horizontal	Pass
2	2778.300	48.75	-8.65	74.0	-25.25	Peak	135.00	150	Horizontal	Pass
2**	2778.300	39.60	-8.65	54.0	-14.40	AV	135.00	150	Horizontal	Pass
3	4994.000	50.85	-1.06	74.0	-23.15	Peak	294.00	150	Horizontal	Pass
3**	4994.000	39.74	-1.06	54.0	-14.26	AV	294.00	150	Horizontal	Pass
4	5302.200	106.75	0.30	--	83.75	Peak	23.00	150	Horizontal	N/A
4**	5302.200	100.97	0.30	--	100.97	AV	23.00	150	Horizontal	N/A
5	12145.388	49.73	19.89	74.0	-24.27	Peak	52.00	150	Horizontal	Pass
5**	12145.388	37.18	19.89	54.0	-16.82	AV	52.00	150	Horizontal	Pass
6	15529.088	55.20	23.74	74.0	-18.80	Peak	362.00	150	Horizontal	Pass
6**	15529.088	43.18	23.74	54.0	-10.82	AV	362.00	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	1211.500	46.32	-14.98	74.0	-27.68	Peak	231.00	150	Vertical	Pass
1**	1211.500	36.14	-14.98	54.0	-17.86	AV	231.00	150	Vertical	Pass
2	2717.500	49.28	-9.20	74.0	-24.72	Peak	261.00	150	Vertical	Pass
2**	2717.500	40.21	-9.20	54.0	-13.79	AV	261.00	150	Vertical	Pass
3	4990.000	51.61	-1.08	74.0	-22.39	Peak	285.00	150	Vertical	Pass
3**	4990.000	38.77	-1.08	54.0	-15.23	AV	285.00	150	Vertical	Pass
4	5301.800	104.50	0.29	--	-19.50	Peak	124.00	150	Vertical	N/A
4**	5301.800	97.64	0.29	--	97.64	AV	124.00	150	Vertical	N/A
5	11682.224	49.49	20.04	74.0	-24.51	Peak	353.00	150	Vertical	Pass
5**	11682.224	36.69	20.04	54.0	-17.31	AV	353.00	150	Vertical	Pass
6	15660.862	55.26	23.46	74.0	-18.74	Peak	145.00	150	Vertical	Pass
6**	15660.862	43.34	23.46	54.0	-10.66	AV	145.00	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	1164.100	47.57	-15.00	74.0	-26.43	Peak	148.00	150	Horizontal	Pass
1**	1164.100	39.96	-15.00	54.0	-14.04	AV	148.00	150	Horizontal	Pass
2	2725.900	49.79	-8.99	74.0	-24.21	Peak	155.00	150	Horizontal	Pass
2**	2725.900	41.15	-8.99	54.0	-12.85	AV	155.00	150	Horizontal	Pass
3	4999.400	51.13	-0.90	74.0	-22.87	Peak	296.00	150	Horizontal	Pass
3**	4999.400	39.12	-0.90	54.0	-14.88	AV	296.00	150	Horizontal	Pass
4	5318.800	107.60	0.13	--	84.60	Peak	23.00	150	Horizontal	N/A
4**	5318.800	100.45	0.13	--	100.45	AV	23.00	150	Horizontal	N/A
5	12488.662	49.43	18.57	74.0	-24.57	Peak	188.00	150	Horizontal	Pass
5**	12488.662	37.40	18.57	54.0	-16.60	AV	188.00	150	Horizontal	Pass
6	15938.850	55.50	23.89	74.0	-18.50	Peak	60.00	150	Horizontal	Pass
6**	15938.850	43.48	23.89	54.0	-10.52	AV	60.00	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	1210.200	45.03	-14.94	74.0	-28.97	Peak	232.00	150	Vertical	Pass
1**	1210.200	35.59	-14.94	54.0	-18.41	AV	232.00	150	Vertical	Pass
2	2722.600	49.17	-9.03	74.0	-24.83	Peak	256.00	150	Vertical	Pass
2**	2722.600	39.23	-9.03	54.0	-14.77	AV	256.00	150	Vertical	Pass
3	4987.800	50.53	-1.20	74.0	-23.47	Peak	243.00	150	Vertical	Pass
3**	4987.800	39.48	-1.20	54.0	-14.52	AV	243.00	150	Vertical	Pass
4	5319.000	104.97	0.15	--	-15.03	Peak	120.00	150	Vertical	N/A
4**	5319.000	97.95	0.15	--	97.95	AV	120.00	150	Vertical	N/A
5	12472.275	49.97	18.60	74.0	-24.03	Peak	360.00	150	Vertical	Pass
5**	12472.275	37.76	18.60	54.0	-16.24	AV	360.00	150	Vertical	Pass
6	15971.401	54.61	24.00	74.0	-19.39	Peak	92.00	150	Vertical	Pass
6**	15971.401	43.38	24.00	54.0	-10.62	AV	92.00	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	1019.200	49.48	-14.40	74.0	-24.52	Peak	85.00	150	Horizontal	Pass
1**	1019.200	40.24	-14.40	54.0	-13.76	AV	85.00	150	Horizontal	Pass
2	2772.400	49.37	-8.72	74.0	-24.63	Peak	135.00	150	Horizontal	Pass
2**	2772.400	38.46	-8.72	54.0	-15.54	AV	135.00	150	Horizontal	Pass
3	4996.200	51.54	-0.96	74.0	-22.46	Peak	159.00	150	Horizontal	Pass
3**	4996.200	39.30	-0.96	54.0	-14.70	AV	159.00	150	Horizontal	Pass
4	5280.800	103.16	-0.37	--	83.16	Peak	20.00	150	Horizontal	N/A
4**	5280.800	95.54	-0.37	--	95.54	AV	20.00	150	Horizontal	N/A
5	12099.387	49.32	19.40	74.0	-24.68	Peak	58.00	150	Horizontal	Pass
5**	12099.387	38.02	19.40	54.0	-15.98	AV	58.00	150	Horizontal	Pass
6	15391.275	55.67	22.78	74.0	-18.33	Peak	322.00	150	Horizontal	Pass
6**	15391.275	42.83	22.78	54.0	-11.17	AV	322.00	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	1220.900	45.56	-14.94	74.0	-28.44	Peak	230.00	150	Vertical	Pass
1**	1220.900	36.57	-14.94	54.0	-17.43	AV	230.00	150	Vertical	Pass
2	2740.700	49.78	-9.00	74.0	-24.22	Peak	266.00	150	Vertical	Pass
2**	2740.700	40.52	-9.00	54.0	-13.48	AV	266.00	150	Vertical	Pass
3	4999.000	50.57	-0.88	74.0	-23.43	Peak	1.00	150	Vertical	Pass
3**	4999.000	39.55	-0.88	54.0	-14.45	AV	1.00	150	Vertical	Pass
4	5271.800	99.82	-0.67	--	-21.18	Peak	121.00	150	Vertical	N/A
4**	5271.800	93.37	-0.67	--	93.37	AV	121.00	150	Vertical	N/A
5	12332.262	50.09	19.84	74.0	-23.91	Peak	224.00	150	Vertical	Pass
5**	12332.262	38.80	19.84	54.0	-15.20	AV	224.00	150	Vertical	Pass
6	15665.325	54.38	23.49	74.0	-19.62	Peak	308.00	150	Vertical	Pass
6**	15665.325	42.63	23.49	54.0	-11.37	AV	308.00	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	1153.200	48.79	-14.93	74.0	-25.21	Peak	150.00	150	Horizontal	Pass
1**	1153.200	39.34	-14.93	54.0	-14.66	AV	150.00	150	Horizontal	Pass
2	2742.700	49.52	-9.04	74.0	-24.48	Peak	141.00	150	Horizontal	Pass
2**	2742.700	39.48	-9.04	54.0	-14.52	AV	141.00	150	Horizontal	Pass
3	4980.600	51.85	-1.18	74.0	-22.15	Peak	295.00	150	Horizontal	Pass
3**	4980.600	37.69	-1.18	54.0	-16.31	AV	295.00	150	Horizontal	Pass
4	5312.000	101.74	0.12	--	72.74	Peak	29.00	150	Horizontal	N/A
4**	5312.000	94.13	0.12	--	94.13	AV	29.00	150	Horizontal	N/A
5	12283.963	49.01	20.18	74.0	-24.99	Peak	335.00	150	Horizontal	Pass
5**	12283.963	37.93	20.18	54.0	-16.07	AV	335.00	150	Horizontal	Pass
6	15939.637	55.23	23.90	74.0	-18.77	Peak	284.00	150	Horizontal	Pass
6**	15939.637	43.99	23.90	54.0	-10.01	AV	284.00	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	1209.100	44.79	-14.90	74.0	-29.21	Peak	221.00	150	Vertical	Pass
1**	1209.100	34.88	-14.90	54.0	-19.12	AV	221.00	150	Vertical	Pass
2	2736.800	49.22	-8.98	74.0	-24.78	Peak	263.00	150	Vertical	Pass
2**	2736.800	38.54	-8.98	54.0	-15.46	AV	263.00	150	Vertical	Pass
3	4988.400	51.52	-1.16	74.0	-22.48	Peak	280.00	150	Vertical	Pass
3**	4988.400	38.26	-1.16	54.0	-15.74	AV	280.00	150	Vertical	Pass
4	5311.600	98.07	0.10	--	-21.93	Peak	120.00	150	Vertical	N/A
4**	5311.600	92.33	0.10	--	92.33	AV	120.00	150	Vertical	N/A
5	11821.088	49.51	18.38	74.0	-24.49	Peak	52.00	150	Vertical	Pass
5**	11821.088	38.97	18.38	54.0	-15.03	AV	52.00	150	Vertical	Pass
6	15865.349	54.92	23.35	74.0	-19.08	Peak	-1.00	150	Vertical	Pass
6**	15865.349	42.75	23.35	54.0	-11.25	AV	-1.00	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	1141.100	46.88	-15.16	74.0	-27.12	Peak	152.00	150	Horizontal	Pass
1**	1141.100	38.85	-15.16	54.0	-15.15	AV	152.00	150	Horizontal	Pass
2	2722.300	49.98	-9.03	74.0	-24.02	Peak	134.00	150	Horizontal	Pass
2**	2722.300	39.38	-9.03	54.0	-14.62	AV	134.00	150	Horizontal	Pass
3	4267.800	47.27	-3.35	74.0	-26.73	Peak	-1.00	150	Horizontal	Pass
3**	4267.800	35.08	-3.35	54.0	-18.92	AV	-1.00	150	Horizontal	Pass
4	5260.800	104.98	-1.05	--	75.98	Peak	29.00	150	Horizontal	N/A
4**	5260.800	98.24	-1.05	--	98.24	AV	29.00	150	Horizontal	N/A
5	12327.088	49.82	19.87	74.0	-24.18	Peak	170.00	150	Horizontal	Pass
5**	12327.088	37.16	19.87	54.0	-16.84	AV	170.00	150	Horizontal	Pass
6	15651.412	55.16	23.51	74.0	-18.84	Peak	225.00	150	Horizontal	Pass
6**	15651.412	42.62	23.51	54.0	-11.38	AV	225.00	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	1221.200	45.49	-14.94	74.0	-28.51	Peak	227.00	150	Vertical	Pass
1**	1221.200	36.03	-14.94	54.0	-17.97	AV	227.00	150	Vertical	Pass
2	2732.200	48.79	-8.98	74.0	-25.21	Peak	260.00	150	Vertical	Pass
2**	2732.200	41.03	-8.98	54.0	-12.97	AV	260.00	150	Vertical	Pass
3	4994.200	50.88	-1.05	74.0	-23.12	Peak	5.00	150	Vertical	Pass
3**	4994.200	40.67	-1.05	54.0	-13.33	AV	5.00	150	Vertical	Pass
4	5262.600	101.99	-0.96	--	-14.01	Peak	116.00	150	Vertical	N/A
4**	5262.600	95.47	-0.96	--	95.47	AV	116.00	150	Vertical	N/A
5	12206.913	49.23	20.44	74.0	-24.77	Peak	174.00	150	Vertical	Pass
5**	12206.913	37.42	20.44	54.0	-16.58	AV	174.00	150	Vertical	Pass
6	15573.975	54.68	23.58	74.0	-19.32	Peak	105.00	150	Vertical	Pass
6**	15573.975	43.18	23.58	54.0	-10.82	AV	105.00	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	1142.900	46.98	-15.07	74.0	-27.02	Peak	157.00	150	Horizontal	Pass
1**	1142.900	38.64	-15.07	54.0	-15.36	AV	157.00	150	Horizontal	Pass
2	2743.900	49.71	-9.04	74.0	-24.29	Peak	139.00	150	Horizontal	Pass
2**	2743.900	39.78	-9.04	54.0	-14.22	AV	139.00	150	Horizontal	Pass
3	4993.000	52.22	-1.03	74.0	-21.78	Peak	290.00	150	Horizontal	Pass
3**	4993.000	38.51	-1.03	54.0	-15.49	AV	290.00	150	Horizontal	Pass
4	5300.600	107.43	0.28	--	79.43	Peak	28.00	150	Horizontal	N/A
4**	5300.600	99.59	0.28	--	99.59	AV	28.00	150	Horizontal	N/A
5	11784.863	49.58	18.67	74.0	-24.42	Peak	243.00	150	Horizontal	Pass
5**	11784.863	38.35	18.67	54.0	-15.65	AV	243.00	150	Horizontal	Pass
6	15488.925	54.45	23.79	74.0	-19.55	Peak	260.00	150	Horizontal	Pass
6**	15488.925	43.15	23.79	54.0	-10.85	AV	260.00	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	1209.200	44.57	-14.90	74.0	-29.43	Peak	232.00	150	Vertical	Pass
1**	1209.200	38.09	-14.90	54.0	-15.91	AV	232.00	150	Vertical	Pass
2	2746.300	48.67	-8.99	74.0	-25.33	Peak	264.00	150	Vertical	Pass
2**	2746.300	40.03	-8.99	54.0	-13.97	AV	264.00	150	Vertical	Pass
3	4985.400	51.05	-1.24	74.0	-22.95	Peak	281.00	150	Vertical	Pass
3**	4985.400	38.16	-1.24	54.0	-15.84	AV	281.00	150	Vertical	Pass
4	5301.000	104.94	0.28	--	-15.06	Peak	120.00	150	Vertical	N/A
4**	5301.000	97.66	0.28	--	97.66	AV	120.00	150	Vertical	N/A
5	11748.062	49.32	18.97	74.0	-24.68	Peak	273.00	150	Vertical	Pass
5**	11748.062	37.80	18.97	54.0	-16.20	AV	273.00	150	Vertical	Pass
6	15933.075	55.13	23.81	74.0	-18.87	Peak	260.00	150	Vertical	Pass
6**	15933.075	43.19	23.81	54.0	-10.81	AV	260.00	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	1133.600	48.05	-15.19	74.0	-25.95	Peak	162.00	150	Horizontal	Pass
1**	1133.600	38.15	-15.19	54.0	-15.85	AV	162.00	150	Horizontal	Pass
2	2785.500	49.43	-8.84	74.0	-24.57	Peak	145.00	150	Horizontal	Pass
2**	2785.500	40.83	-8.84	54.0	-13.17	AV	145.00	150	Horizontal	Pass
3	4980.800	50.70	-1.16	74.0	-23.30	Peak	166.00	150	Horizontal	Pass
3**	4980.800	37.90	-1.16	54.0	-16.10	AV	166.00	150	Horizontal	Pass
4	5319.400	106.91	0.10	--	82.91	Peak	24.00	150	Horizontal	N/A
4**	5319.400	100.89	0.10	--	100.89	AV	24.00	150	Horizontal	N/A
5	12347.213	49.63	19.73	74.0	-24.37	Peak	148.00	150	Horizontal	Pass
5**	12347.213	37.86	19.73	54.0	-16.14	AV	148.00	150	Horizontal	Pass
6	15888.187	55.07	23.32	74.0	-18.93	Peak	214.00	150	Horizontal	Pass
6**	15888.187	43.75	23.32	54.0	-10.25	AV	214.00	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	1214.800	44.19	-14.92	74.0	-29.81	Peak	222.00	150	Vertical	Pass
1**	1214.800	36.04	-14.92	54.0	-17.96	AV	222.00	150	Vertical	Pass
2	2732.400	49.20	-8.97	74.0	-24.80	Peak	265.00	150	Vertical	Pass
2**	2732.400	41.26	-8.97	54.0	-12.74	AV	265.00	150	Vertical	Pass
3	4981.000	51.45	-1.14	74.0	-22.55	Peak	281.00	150	Vertical	Pass
3**	4981.000	38.57	-1.14	54.0	-15.43	AV	281.00	150	Vertical	Pass
4	5320.800	104.21	-0.08	--	-11.79	Peak	116.00	150	Vertical	N/A
4**	5320.800	97.90	-0.08	--	97.90	AV	116.00	150	Vertical	N/A
5	12203.750	49.32	20.44	74.0	-24.68	Peak	289.00	150	Vertical	Pass
5**	12203.750	37.48	20.44	54.0	-16.52	AV	289.00	150	Vertical	Pass
6	15946.988	55.24	23.93	74.0	-18.76	Peak	300.00	150	Vertical	Pass
6**	15946.988	43.50	23.93	54.0	-10.50	AV	300.00	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	1159.400	48.13	-14.91	74.0	-25.87	Peak	157.00	150	Horizontal	Pass
1**	1159.400	40.36	-14.91	54.0	-13.64	AV	157.00	150	Horizontal	Pass
2	2751.100	49.38	-9.06	74.0	-24.62	Peak	139.00	150	Horizontal	Pass
2**	2751.100	39.87	-9.06	54.0	-14.13	AV	139.00	150	Horizontal	Pass
3	4998.200	51.84	-0.83	74.0	-22.16	Peak	294.00	150	Horizontal	Pass
3**	4998.200	39.26	-0.83	54.0	-14.74	AV	294.00	150	Horizontal	Pass
4	5280.600	102.68	-0.38	--	87.68	Peak	15.00	150	Horizontal	N/A
4**	5280.600	95.78	-0.38	--	95.78	AV	15.00	150	Horizontal	N/A
5	12095.938	49.21	19.37	74.0	-24.79	Peak	320.00	150	Horizontal	Pass
5**	12095.938	37.74	19.37	54.0	-16.26	AV	320.00	150	Horizontal	Pass
6	15630.151	55.10	23.51	74.0	-18.90	Peak	127.00	150	Horizontal	Pass
6**	15630.151	43.05	23.51	54.0	-10.95	AV	127.00	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	1206.800	44.26	-14.98	74.0	-29.74	Peak	231.00	150	Vertical	Pass
1**	1206.800	37.07	-14.98	54.0	-16.93	AV	231.00	150	Vertical	Pass
2	2722.600	49.63	-9.03	74.0	-24.37	Peak	259.00	150	Vertical	Pass
2**	2722.600	42.94	-9.03	54.0	-11.06	AV	259.00	150	Vertical	Pass
3	4996.800	52.40	-0.92	74.0	-21.60	Peak	284.00	150	Vertical	Pass
3**	4996.800	38.45	-0.92	54.0	-15.55	AV	284.00	150	Vertical	Pass
4	5272.400	100.10	-0.70	--	-19.90	Peak	120.00	150	Vertical	N/A
4**	5272.400	93.01	-0.70	--	93.01	AV	120.00	150	Vertical	N/A
5	11743.175	49.47	19.05	74.0	-24.53	Peak	272.00	150	Vertical	Pass
5**	11743.175	37.66	19.05	54.0	-16.34	AV	272.00	150	Vertical	Pass
6	15630.151	54.91	23.51	74.0	-19.09	Peak	-1.00	150	Vertical	Pass
6**	15630.151	43.08	23.51	54.0	-10.92	AV	-1.00	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	1153.200	47.47	-14.93	74.0	-26.53	Peak	167.00	150	Horizontal	Pass
1**	1153.200	39.79	-14.93	54.0	-14.21	AV	167.00	150	Horizontal	Pass
2	2716.900	50.45	-9.20	74.0	-23.55	Peak	156.00	150	Horizontal	Pass
2**	2716.900	39.57	-9.20	54.0	-14.43	AV	156.00	150	Horizontal	Pass
3	4997.400	51.77	-0.88	74.0	-22.23	Peak	298.00	150	Horizontal	Pass
3**	4997.400	38.96	-0.88	54.0	-15.04	AV	298.00	150	Horizontal	Pass
4	5302.800	102.66	0.31	--	77.66	Peak	25.00	150	Horizontal	N/A
4**	5302.800	94.51	0.31	--	94.51	AV	25.00	150	Horizontal	N/A
5	11750.651	49.08	18.94	74.0	-24.92	Peak	32.00	150	Horizontal	Pass
5**	11750.651	36.97	18.94	54.0	-17.03	AV	32.00	150	Horizontal	Pass
6	15460.050	54.99	23.53	74.0	-19.01	Peak	62.00	150	Horizontal	Pass
6**	15460.050	42.92	23.53	54.0	-11.08	AV	62.00	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	1207.000	44.69	-14.97	74.0	-29.31	Peak	227.00	150	Vertical	Pass
1**	1207.000	35.16	-14.97	54.0	-18.84	AV	227.00	150	Vertical	Pass
2	2716.100	49.05	-9.19	74.0	-24.95	Peak	227.00	150	Vertical	Pass
2**	2716.100	39.77	-9.19	54.0	-14.23	AV	227.00	150	Vertical	Pass
3	4993.000	51.97	-1.03	74.0	-22.03	Peak	266.00	150	Vertical	Pass
3**	4993.000	38.33	-1.03	54.0	-15.67	AV	266.00	150	Vertical	Pass
4	5304.800	98.48	0.31	--	-28.52	Peak	127.00	150	Vertical	N/A
4**	5304.800	91.60	0.31	--	91.60	AV	127.00	150	Vertical	N/A
5	12355.262	49.43	19.67	74.0	-24.57	Peak	251.00	150	Vertical	Pass
5**	12355.262	38.31	19.67	54.0	-15.69	AV	251.00	150	Vertical	Pass
6	15950.137	55.37	23.95	74.0	-18.63	Peak	172.00	150	Vertical	Pass
6**	15950.137	43.51	23.95	54.0	-10.49	AV	172.00	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	1127.700	48.36	-15.28	74.0	-25.64	Peak	144.00	150	Horizontal	Pass
1**	1127.700	38.21	-15.28	54.0	-15.79	AV	144.00	150	Horizontal	Pass
2	2747.900	49.38	-9.06	74.0	-24.62	Peak	144.00	150	Horizontal	Pass
2**	2747.900	40.10	-9.06	54.0	-13.90	AV	144.00	150	Horizontal	Pass
3	4997.800	52.21	-0.85	74.0	-21.79	Peak	291.00	150	Horizontal	Pass
3**	4997.800	38.62	-0.85	54.0	-15.38	AV	291.00	150	Horizontal	Pass
4	5291.200	99.63	-0.04	--	70.63	Peak	29.00	150	Horizontal	N/A
4**	5291.200	91.64	-0.04	--	91.64	AV	29.00	150	Horizontal	N/A
5	11607.187	49.27	20.17	74.0	-24.73	Peak	271.00	150	Horizontal	Pass
5**	11607.187	36.66	20.17	54.0	-17.34	AV	271.00	150	Horizontal	Pass
6	15521.475	54.78	23.77	74.0	-19.22	Peak	251.00	150	Horizontal	Pass
6**	15521.475	44.80	23.77	54.0	-9.20	AV	251.00	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	1217.400	44.22	-14.90	74.0	-29.78	Peak	223.00	150	Vertical	Pass
1**	1217.400	36.23	-14.90	54.0	-17.77	AV	223.00	150	Vertical	Pass
2	2735.100	48.94	-9.06	74.0	-25.06	Peak	233.00	150	Vertical	Pass
2**	2735.100	42.44	-9.06	54.0	-11.56	AV	233.00	150	Vertical	Pass
3	4981.400	51.99	-1.16	74.0	-22.01	Peak	280.00	150	Vertical	Pass
3**	4981.400	37.61	-1.16	54.0	-16.39	AV	280.00	150	Vertical	Pass
4	5291.800	95.94	-0.05	--	-21.06	Peak	117.00	150	Vertical	N/A
4**	5291.800	88.73	-0.05	--	88.73	AV	117.00	150	Vertical	N/A
5	11798.088	49.21	18.56	74.0	-24.79	Peak	8.00	150	Vertical	Pass
5**	11798.088	36.97	18.56	54.0	-17.03	AV	8.00	150	Vertical	Pass
6	15599.963	54.74	23.55	74.0	-19.26	Peak	317.00	150	Vertical	Pass
6**	15599.963	43.53	23.55	54.0	-10.47	AV	317.00	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	1151.500	48.48	-14.93	74.0	-25.52	Peak	158.00	150	Horizontal	Pass
1**	1151.500	38.00	-14.93	54.0	-16.00	AV	158.00	150	Horizontal	Pass
2	2739.600	49.25	-9.00	74.0	-24.75	Peak	149.00	150	Horizontal	Pass
2**	2739.600	40.20	-9.00	54.0	-13.80	AV	149.00	150	Horizontal	Pass
3	4998.800	52.07	-0.87	74.0	-21.93	Peak	155.00	150	Horizontal	Pass
3**	4998.800	43.05	-0.87	54.0	-10.95	AV	155.00	150	Horizontal	Pass
4	5499.200	106.35	0.51	--	74.35	Peak	32.00	150	Horizontal	N/A
4**	5499.200	99.36	0.51	--	99.36	AV	32.00	150	Horizontal	N/A
5	12218.125	49.42	20.45	74.0	-24.58	Peak	149.00	150	Horizontal	Pass
5**	12218.125	37.48	20.45	54.0	-16.52	AV	149.00	150	Horizontal	Pass
6	15513.075	55.34	23.84	74.0	-18.66	Peak	362.00	150	Horizontal	Pass
6**	15513.075	42.87	23.84	54.0	-11.13	AV	362.00	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	1224.000	45.44	-14.80	74.0	-28.56	Peak	232.00	150	Vertical	Pass
1**	1224.000	38.04	-14.80	54.0	-15.96	AV	232.00	150	Vertical	Pass
2	2717.100	48.66	-9.20	74.0	-25.34	Peak	258.00	150	Vertical	Pass
2**	2717.100	41.04	-9.20	54.0	-12.96	AV	258.00	150	Vertical	Pass
3	4999.800	51.08	-0.92	74.0	-22.92	Peak	360.00	150	Vertical	Pass
3**	4999.800	38.93	-0.92	54.0	-15.07	AV	360.00	150	Vertical	Pass
4	5501.800	103.25	0.47	--	-22.75	Peak	126.00	150	Vertical	N/A
4**	5501.800	95.80	0.47	--	95.80	AV	126.00	150	Vertical	N/A
5	12433.175	50.22	18.82	74.0	-23.78	Peak	74.00	150	Vertical	Pass
5**	12433.175	38.20	18.82	54.0	-15.80	AV	74.00	150	Vertical	Pass
6	15706.537	54.75	23.54	74.0	-19.25	Peak	52.00	150	Vertical	Pass
6**	15706.537	43.72	23.54	54.0	-10.28	AV	52.00	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	1142.200	47.28	-15.11	74.0	-26.72	Peak	161.00	150	Horizontal	Pass
1**	1142.200	38.33	-15.11	54.0	-15.67	AV	161.00	150	Horizontal	Pass
2	2730.700	50.35	-9.05	74.0	-23.65	Peak	140.00	150	Horizontal	Pass
2**	2730.700	40.96	-9.05	54.0	-13.04	AV	140.00	150	Horizontal	Pass
3	4994.800	51.91	-1.02	74.0	-22.09	Peak	290.00	150	Horizontal	Pass
3**	4994.800	38.75	-1.02	54.0	-15.25	AV	290.00	150	Horizontal	Pass
4	5578.200	105.60	0.76	--	72.60	Peak	33.00	150	Horizontal	N/A
4**	5578.200	97.97	0.76	--	97.97	AV	33.00	150	Horizontal	N/A
5	12070.925	49.42	19.14	74.0	-24.58	Peak	224.00	150	Horizontal	Pass
5**	12070.925	37.39	19.14	54.0	-16.61	AV	224.00	150	Horizontal	Pass
6	15521.212	54.97	23.77	74.0	-19.03	Peak	0.00	150	Horizontal	Pass
6**	15521.212	42.91	23.77	54.0	-11.09	AV	0.00	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	1215.300	45.00	-14.90	74.0	-29.00	Peak	233.00	150	Vertical	Pass
1**	1215.300	35.72	-14.90	54.0	-18.28	AV	233.00	150	Vertical	Pass
2	2731.800	49.24	-9.00	74.0	-24.76	Peak	233.00	150	Vertical	Pass
2**	2731.800	39.87	-9.00	54.0	-14.13	AV	233.00	150	Vertical	Pass
3	4997.800	52.20	-0.85	74.0	-21.80	Peak	275.00	150	Vertical	Pass
3**	4997.800	38.88	-0.85	54.0	-15.12	AV	275.00	150	Vertical	Pass
4	5582.600	103.06	0.80	--	-28.94	Peak	132.00	150	Vertical	N/A
4**	5582.600	96.60	0.80	--	96.60	AV	132.00	150	Vertical	N/A
5	12073.513	49.60	19.16	74.0	-24.40	Peak	283.00	150	Vertical	Pass
5**	12073.513	38.75	19.16	54.0	-15.25	AV	283.00	150	Vertical	Pass
6	15636.187	55.91	23.54	74.0	-18.09	Peak	347.00	150	Vertical	Pass
6**	15636.187	43.79	23.54	54.0	-10.21	AV	347.00	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	1146.400	52.56	-15.00	74.0	-21.44	Peak	327.00	150	Horizontal	Pass
1**	1146.400	44.06	-15.00	54.0	-9.94	AV	327.00	150	Horizontal	Pass
2	2253.000	48.31	-10.55	74.0	-25.69	Peak	95.00	150	Horizontal	Pass
2**	2253.000	38.84	-10.55	54.0	-15.16	AV	95.00	150	Horizontal	Pass
3	4988.400	51.35	-1.16	74.0	-22.65	Peak	70.00	150	Horizontal	Pass
3**	4988.400	38.59	-1.16	54.0	-15.41	AV	70.00	150	Horizontal	Pass
4	5698.800	103.54	-0.82	--	-170.46	Peak	274.00	150	Horizontal	N/A
4**	5698.800	97.16	-0.82	--	97.16	AV	274.00	150	Horizontal	N/A
5	12321.050	49.55	19.92	74.0	-24.45	Peak	11.00	150	Horizontal	Pass
5**	12321.050	37.73	19.92	54.0	-16.27	AV	11.00	150	Horizontal	Pass
6	15566.363	55.50	23.58	74.0	-18.50	Peak	145.00	150	Horizontal	Pass
6**	15566.363	43.49	23.58	54.0	-10.51	AV	145.00	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	1128.500	47.49	-15.29	74.0	-26.51	Peak	321.00	150	Vertical	Pass
1**	1128.500	38.22	-15.29	54.0	-15.78	AV	321.00	150	Vertical	Pass
2	2724.400	51.27	-9.01	74.0	-22.73	Peak	172.00	150	Vertical	Pass
2**	2724.400	41.89	-9.01	54.0	-12.11	AV	172.00	150	Vertical	Pass
3	4988.600	54.59	-1.15	74.0	-19.41	Peak	168.00	150	Vertical	Pass
3**	4988.600	40.41	-1.15	54.0	-13.59	AV	168.00	150	Vertical	Pass
4	5702.800	102.83	-0.72	--	-157.17	Peak	260.00	150	Vertical	N/A
4**	5702.800	95.50	-0.72	--	95.50	AV	260.00	150	Vertical	N/A
5	10975.838	49.41	18.81	74.0	-24.59	Peak	329.00	150	Vertical	Pass
5**	10975.838	37.66	18.81	54.0	-16.34	AV	329.00	150	Vertical	Pass
6	15524.888	54.39	23.76	74.0	-19.61	Peak	362.00	150	Vertical	Pass
6**	15524.888	43.25	23.76	54.0	-10.75	AV	362.00	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	1143.900	53.67	-15.05	74.0	-20.33	Peak	316.00	150	Horizontal	Pass
1**	1143.900	43.45	-15.05	54.0	-10.55	AV	316.00	150	Horizontal	Pass
2	2835.500	48.83	-8.53	74.0	-25.17	Peak	310.00	150	Horizontal	Pass
2**	2835.500	38.90	-8.53	54.0	-15.10	AV	310.00	150	Horizontal	Pass
3	4996.600	50.78	-0.93	74.0	-23.22	Peak	168.00	150	Horizontal	Pass
3**	4996.600	39.11	-0.93	54.0	-14.89	AV	168.00	150	Horizontal	Pass
4	5719.400	105.47	-0.57	--	105.47	Peak	0.00	150	Horizontal	N/A
4**	5719.400	96.97	-0.57	--	96.97	AV	0.00	150	Horizontal	N/A
5	12102.838	49.73	19.43	74.0	-24.27	Peak	317.00	150	Horizontal	Pass
5**	12102.838	38.40	19.43	54.0	-15.60	AV	317.00	150	Horizontal	Pass
6	15561.113	55.23	23.58	74.0	-18.77	Peak	127.00	150	Horizontal	Pass
6**	15561.113	43.65	23.58	54.0	-10.35	AV	127.00	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	1182.500	48.70	-15.06	74.0	-25.30	Peak	326.00	150	Vertical	Pass
1**	1182.500	38.40	-15.06	54.0	-15.60	AV	326.00	150	Vertical	Pass
2	2732.800	50.78	-8.96	74.0	-23.22	Peak	172.00	150	Vertical	Pass
2**	2732.800	41.80	-8.96	54.0	-12.20	AV	172.00	150	Vertical	Pass
3	4978.000	53.91	-1.33	74.0	-20.09	Peak	170.00	150	Vertical	Pass
3**	4978.000	41.56	-1.33	54.0	-12.44	AV	170.00	150	Vertical	Pass
4	5718.000	102.36	-0.56	--	-160.64	Peak	263.00	150	Vertical	N/A
4**	5718.000	95.81	-0.56	--	95.81	AV	263.00	150	Vertical	N/A
5	11648.874	49.72	20.39	74.0	-24.28	Peak	340.00	150	Vertical	Pass
5**	11648.874	38.61	20.39	54.0	-15.39	AV	340.00	150	Vertical	Pass
6	15947.513	56.00	23.94	74.0	-18.00	Peak	111.00	150	Vertical	Pass
6**	15947.513	43.81	23.94	54.0	-10.19	AV	111.00	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	1155.300	52.82	-14.94	74.0	-21.18	Peak	323.00	150	Horizontal	Pass
1**	1155.300	43.91	-14.94	54.0	-10.09	AV	323.00	150	Horizontal	Pass
2	2845.400	48.13	-7.97	74.0	-25.87	Peak	73.00	150	Horizontal	Pass
2**	2845.400	39.09	-7.97	54.0	-14.91	AV	73.00	150	Horizontal	Pass
3	4999.800	50.99	-0.92	74.0	-23.01	Peak	0.00	150	Horizontal	Pass
3**	4999.800	39.17	-0.92	54.0	-14.83	AV	0.00	150	Horizontal	Pass
4	5501.800	102.76	0.47	--	69.76	Peak	33.00	150	Horizontal	N/A
4**	5501.800	95.60	0.47	--	95.60	AV	33.00	150	Horizontal	N/A
5	12105.138	50.10	19.46	74.0	-23.90	Peak	213.00	150	Horizontal	Pass
5**	12105.138	37.23	19.46	54.0	-16.77	AV	213.00	150	Horizontal	Pass
6	15902.363	55.10	23.31	74.0	-18.90	Peak	290.00	150	Horizontal	Pass
6**	15902.363	43.55	23.31	54.0	-10.45	AV	290.00	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	1175.400	48.44	-15.09	74.0	-25.56	Peak	161.00	150	Vertical	Pass
1**	1175.400	39.20	-15.09	54.0	-14.80	AV	161.00	150	Vertical	Pass
2	2716.700	51.64	-9.19	74.0	-22.36	Peak	166.00	150	Vertical	Pass
2**	2716.700	41.38	-9.19	54.0	-12.62	AV	166.00	150	Vertical	Pass
3	4985.000	54.39	-1.26	74.0	-19.61	Peak	188.00	150	Vertical	Pass
3**	4985.000	38.26	-1.26	54.0	-15.74	AV	188.00	150	Vertical	Pass
4	5501.400	103.30	0.47	--	-33.70	Peak	137.00	150	Vertical	N/A
4**	5501.400	95.68	0.47	--	95.68	AV	137.00	150	Vertical	N/A
5	11681.937	49.72	20.04	74.0	-24.28	Peak	263.00	150	Vertical	Pass
5**	11681.937	37.91	20.04	54.0	-16.09	AV	263.00	150	Vertical	Pass
6	15938.588	55.23	23.89	74.0	-18.77	Peak	270.00	150	Vertical	Pass
6**	15938.588	43.82	23.89	54.0	-10.18	AV	270.00	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	1134.600	53.12	-15.20	74.0	-20.88	Peak	327.00	150	Horizontal	Pass
1**	1134.600	43.40	-15.20	54.0	-10.60	AV	327.00	150	Horizontal	Pass
2	2817.100	48.13	-8.56	74.0	-25.87	Peak	314.00	150	Horizontal	Pass
2**	2817.100	37.82	-8.56	54.0	-16.18	AV	314.00	150	Horizontal	Pass
3	4999.400	50.51	-0.90	74.0	-23.49	Peak	1.00	150	Horizontal	Pass
3**	4999.400	41.26	-0.90	54.0	-12.74	AV	1.00	150	Horizontal	Pass
4	5583.200	103.98	0.72	--	80.98	Peak	23.00	150	Horizontal	N/A
4**	5583.200	96.82	0.72	--	96.82	AV	23.00	150	Horizontal	N/A
5	11758.412	49.85	18.86	74.0	-24.15	Peak	10.00	150	Horizontal	Pass
5**	11758.412	39.25	18.86	54.0	-14.75	AV	10.00	150	Horizontal	Pass
6	15938.326	55.41	23.88	74.0	-18.59	Peak	362.00	150	Horizontal	Pass
6**	15938.326	44.16	23.88	54.0	-9.84	AV	362.00	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	1182.200	48.64	-15.03	74.0	-25.36	Peak	315.00	150	Vertical	Pass
1**	1182.200	39.42	-15.03	54.0	-14.58	AV	315.00	150	Vertical	Pass
2	2744.600	50.67	-9.01	74.0	-23.33	Peak	171.00	150	Vertical	Pass
2**	2744.600	42.25	-9.01	54.0	-11.75	AV	171.00	150	Vertical	Pass
3	4993.800	55.21	-1.06	74.0	-18.79	Peak	193.00	150	Vertical	Pass
3**	4993.800	39.95	-1.06	54.0	-14.05	AV	193.00	150	Vertical	Pass
4	5583.000	103.21	0.75	--	-21.79	Peak	125.00	150	Vertical	N/A
4**	5583.000	95.55	0.75	--	95.55	AV	125.00	150	Vertical	N/A
5	12071.500	51.07	19.14	74.0	-22.93	Peak	102.00	150	Vertical	Pass
5**	12071.500	38.11	19.14	54.0	-15.89	AV	102.00	150	Vertical	Pass
6	15957.224	55.29	23.98	74.0	-18.71	Peak	44.00	150	Vertical	Pass
6**	15957.224	43.77	23.98	54.0	-10.23	AV	44.00	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	1119.400	52.81	-15.25	74.0	-21.19	Peak	326.00	150	Horizontal	Pass
1**	1119.400	43.30	-15.25	54.0	-10.70	AV	326.00	150	Horizontal	Pass
2	2717.300	48.59	-9.20	74.0	-25.41	Peak	326.00	150	Horizontal	Pass
2**	2717.300	38.52	-9.20	54.0	-15.48	AV	326.00	150	Horizontal	Pass
3	4990.200	50.69	-1.07	74.0	-23.31	Peak	75.00	150	Horizontal	Pass
3**	4990.200	40.28	-1.07	54.0	-13.72	AV	75.00	150	Horizontal	Pass
4	5701.000	104.61	-0.81	--	104.61	Peak	0.00	150	Horizontal	N/A
4**	5701.000	97.92	-0.81	--	97.92	AV	0.00	150	Horizontal	N/A
5	11649.738	50.41	20.39	74.0	-23.59	Peak	93.00	150	Horizontal	Pass
5**	11649.738	38.89	20.39	54.0	-15.11	AV	93.00	150	Horizontal	Pass
6	15941.737	54.92	23.91	74.0	-19.08	Peak	283.00	150	Horizontal	Pass
6**	15941.737	44.66	23.91	54.0	-9.34	AV	283.00	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	1183.200	48.25	-15.14	74.0	-25.75	Peak	317.00	150	Vertical	Pass
1**	1183.200	38.70	-15.14	54.0	-15.30	AV	317.00	150	Vertical	Pass
2	2730.100	50.85	-9.03	74.0	-23.15	Peak	173.00	150	Vertical	Pass
2**	2730.100	41.36	-9.03	54.0	-12.64	AV	173.00	150	Vertical	Pass
3	4997.600	55.05	-0.86	74.0	-18.95	Peak	196.00	150	Vertical	Pass
3**	4997.600	39.72	-0.86	54.0	-14.28	AV	196.00	150	Vertical	Pass
4	5702.200	102.12	-0.75	--	-29.88	Peak	132.00	150	Vertical	N/A
4**	5702.200	96.14	-0.75	--	96.14	AV	132.00	150	Vertical	N/A
5	12323.925	50.26	19.90	74.0	-23.74	Peak	1.00	150	Vertical	Pass
5**	12323.925	38.23	19.90	54.0	-15.77	AV	1.00	150	Vertical	Pass
6	15531.975	54.88	23.73	74.0	-19.12	Peak	1.00	150	Vertical	Pass
6**	15531.975	44.30	23.73	54.0	-9.70	AV	1.00	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	1120.100	52.54	-15.24	74.0	-21.46	Peak	327.00	150	Horizontal	Pass
1**	1120.100	42.79	-15.24	54.0	-11.21	AV	327.00	150	Horizontal	Pass
2	2829.500	49.45	-8.60	74.0	-24.55	Peak	311.00	150	Horizontal	Pass
2**	2829.500	39.34	-8.60	54.0	-14.66	AV	311.00	150	Horizontal	Pass
3	4997.800	51.97	-0.85	74.0	-22.03	Peak	13.00	150	Horizontal	Pass
3**	4997.800	39.15	-0.85	54.0	-14.85	AV	13.00	150	Horizontal	Pass
4	5718.800	104.61	-0.56	--	99.61	Peak	5.00	150	Horizontal	N/A
4**	5718.800	98.03	-0.56	--	98.03	AV	5.00	150	Horizontal	N/A
5	12230.776	50.43	20.44	74.0	-23.57	Peak	350.00	150	Horizontal	Pass
5**	12230.776	37.61	20.44	54.0	-16.39	AV	350.00	150	Horizontal	Pass
6	15930.974	55.79	23.79	74.0	-18.21	Peak	54.00	150	Horizontal	Pass
6**	15930.974	43.94	23.79	54.0	-10.06	AV	54.00	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	1174.900	49.15	-15.09	74.0	-24.85	Peak	160.00	150	Vertical	Pass
1**	1174.900	40.92	-15.09	54.0	-13.08	AV	160.00	150	Vertical	Pass
2	2741.000	50.71	-9.01	74.0	-23.29	Peak	168.00	150	Vertical	Pass
2**	2741.000	41.97	-9.01	54.0	-12.03	AV	168.00	150	Vertical	Pass
3	4999.400	53.72	-0.90	74.0	-20.28	Peak	190.00	150	Vertical	Pass
3**	4999.400	43.57	-0.90	54.0	-10.43	AV	190.00	150	Vertical	Pass
4	5719.200	102.38	-0.56	--	18.38	Peak	84.00	150	Vertical	N/A
4**	5719.200	95.69	-0.56	--	95.69	AV	84.00	150	Vertical	N/A
5	11675.037	49.95	20.12	74.0	-24.05	Peak	35.00	150	Vertical	Pass
5**	11675.037	39.81	20.12	54.0	-14.19	AV	35.00	150	Vertical	Pass
6	15583.688	55.50	23.57	74.0	-18.50	Peak	11.00	150	Vertical	Pass
6**	15583.688	43.15	23.57	54.0	-10.85	AV	11.00	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	1129.300	54.05	-15.28	74.0	-19.95	Peak	320.00	150	Horizontal	Pass
1**	1129.300	43.87	-15.28	54.0	-10.13	AV	320.00	150	Horizontal	Pass
2	2817.900	49.72	-8.53	74.0	-24.28	Peak	310.00	150	Horizontal	Pass
2**	2817.900	39.94	-8.53	54.0	-14.06	AV	310.00	150	Horizontal	Pass
3	4989.800	50.91	-1.09	74.0	-23.09	Peak	6.00	150	Horizontal	Pass
3**	4989.800	39.64	-1.09	54.0	-14.36	AV	6.00	150	Horizontal	Pass
4	5512.200	100.25	0.22	--	-237.75	Peak	338.00	150	Horizontal	N/A
4**	5512.200	93.02	0.22	--	93.02	AV	338.00	150	Horizontal	N/A
5	12348.363	50.03	19.72	74.0	-23.97	Peak	189.00	150	Horizontal	Pass
5**	12348.363	38.43	19.72	54.0	-15.57	AV	189.00	150	Horizontal	Pass
6	15903.150	55.09	23.33	74.0	-18.91	Peak	195.00	150	Horizontal	Pass
6**	15903.150	42.92	23.33	54.0	-11.08	AV	195.00	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	1155.000	47.94	-14.93	74.0	-26.06	Peak	316.00	150	Vertical	Pass
1**	1155.000	38.85	-14.93	54.0	-15.15	AV	316.00	150	Vertical	Pass
2	2725.300	51.37	-9.00	74.0	-22.63	Peak	173.00	150	Vertical	Pass
2**	2725.300	42.69	-9.00	54.0	-11.31	AV	173.00	150	Vertical	Pass
3	4996.400	54.05	-0.94	74.0	-19.95	Peak	192.00	150	Vertical	Pass
3**	4996.400	43.08	-0.94	54.0	-10.92	AV	192.00	150	Vertical	Pass
4	5504.800	100.18	0.45	--	-25.82	Peak	126.00	150	Vertical	N/A
4**	5504.800	93.40	0.45	--	93.40	AV	126.00	150	Vertical	N/A
5	11788.313	50.09	18.64	74.0	-23.91	Peak	199.00	150	Vertical	Pass
5**	11788.313	37.61	18.64	54.0	-16.39	AV	199.00	150	Vertical	Pass
6	15939.637	55.45	23.90	74.0	-18.55	Peak	65.00	150	Vertical	Pass
6**	15939.637	44.37	23.90	54.0	-9.63	AV	65.00	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	1210.500	49.75	-14.95	74.0	-24.25	Peak	83.00	150	Horizontal	Pass
1**	1210.500	41.33	-14.95	54.0	-12.67	AV	83.00	150	Horizontal	Pass
2	2255.100	51.59	-10.48	74.0	-22.41	Peak	106.00	150	Horizontal	Pass
2**	2255.100	42.34	-10.48	54.0	-11.66	AV	106.00	150	Horizontal	Pass
3	4986.000	51.41	-1.23	74.0	-22.59	Peak	314.00	150	Horizontal	Pass
3**	4986.000	38.52	-1.23	54.0	-15.48	AV	314.00	150	Horizontal	Pass
4	5574.400	103.51	0.70	--	99.51	Peak	4.00	150	Horizontal	N/A
4**	5574.400	96.12	0.70	--	96.12	AV	4.00	150	Horizontal	N/A
5	12327.663	50.46	19.87	74.0	-23.54	Peak	182.00	150	Horizontal	Pass
5**	12327.663	38.21	19.87	54.0	-15.79	AV	182.00	150	Horizontal	Pass
6	15943.576	55.43	23.92	74.0	-18.57	Peak	-2.00	150	Horizontal	Pass
6**	15943.576	43.70	23.92	54.0	-10.30	AV	-2.00	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	1040.800	48.03	-14.99	74.0	-25.97	Peak	-1.00	150	Vertical	Pass
1**	1040.800	36.82	-14.99	54.0	-17.18	AV	-1.00	150	Vertical	Pass
2	2747.000	49.43	-9.02	74.0	-24.57	Peak	203.00	150	Vertical	Pass
2**	2747.000	40.35	-9.02	54.0	-13.65	AV	203.00	150	Vertical	Pass
3	4997.000	53.83	-0.90	74.0	-20.17	Peak	187.00	150	Vertical	Pass
3**	4997.000	42.24	-0.90	54.0	-11.76	AV	187.00	150	Vertical	Pass
4	5576.000	102.87	0.68	--	-6.13	Peak	109.00	150	Vertical	N/A
4**	5576.000	95.91	0.68	--	95.91	AV	109.00	150	Vertical	N/A
5	12256.362	51.58	20.41	74.0	-22.42	Peak	158.00	150	Vertical	Pass
5**	12256.362	39.29	20.41	54.0	-14.71	AV	158.00	150	Vertical	Pass
6	15659.025	54.97	23.46	74.0	-19.03	Peak	68.00	150	Vertical	Pass
6**	15659.025	44.09	23.46	54.0	-9.91	AV	68.00	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	1206.700	49.43	-14.99	74.0	-24.57	Peak	81.00	150	Horizontal	Pass
1**	1206.700	40.58	-14.99	54.0	-13.42	AV	81.00	150	Horizontal	Pass
2	2268.200	50.75	-10.36	74.0	-23.25	Peak	124.00	150	Horizontal	Pass
2**	2268.200	42.78	-10.36	54.0	-11.22	AV	124.00	150	Horizontal	Pass
3	4987.600	50.32	-1.21	74.0	-23.68	Peak	318.00	150	Horizontal	Pass
3**	4987.600	38.23	-1.21	54.0	-15.77	AV	318.00	150	Horizontal	Pass
4	5660.800	105.66	-0.03	--	104.66	Peak	1.00	150	Horizontal	N/A
4**	5660.800	98.64	-0.03	--	98.64	AV	1.00	150	Horizontal	N/A
5	12080.987	50.80	19.24	74.0	-23.20	Peak	292.00	150	Horizontal	Pass
5**	12080.987	38.09	19.24	54.0	-15.91	AV	292.00	150	Horizontal	Pass
6	15495.487	55.35	23.90	74.0	-18.65	Peak	249.00	150	Horizontal	Pass
6**	15495.487	43.82	23.90	54.0	-10.18	AV	249.00	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	1221.100	48.66	-14.94	74.0	-25.34	Peak	172.00	150	Vertical	Pass
1**	1221.100	39.55	-14.94	54.0	-14.45	AV	172.00	150	Vertical	Pass
2	2742.500	48.52	-9.04	74.0	-25.48	Peak	194.00	150	Vertical	Pass
2**	2742.500	39.26	-9.04	54.0	-14.74	AV	194.00	150	Vertical	Pass
3	5000.200	53.45	-0.94	74.0	-20.55	Peak	100.00	150	Vertical	Pass
3**	5000.200	40.48	-0.94	54.0	-13.52	AV	100.00	150	Vertical	Pass
4	5661.600	103.21	-0.04	--	-13.79	Peak	117.00	150	Vertical	N/A
4**	5661.600	97.30	-0.04	--	97.30	AV	117.00	150	Vertical	N/A
5	11748.924	50.34	18.96	74.0	-23.66	Peak	31.00	150	Vertical	Pass
5**	11748.924	38.66	18.96	54.0	-15.34	AV	31.00	150	Vertical	Pass
6	15527.513	55.06	23.75	74.0	-18.94	Peak	360.00	150	Vertical	Pass
6**	15527.513	42.90	23.75	54.0	-11.10	AV	360.00	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	1220.300	50.39	-14.93	74.0	-23.61	Peak	88.00	150	Horizontal	Pass
1**	1220.300	40.48	-14.93	54.0	-13.52	AV	88.00	150	Horizontal	Pass
2	2272.000	50.50	-10.15	74.0	-23.50	Peak	111.00	150	Horizontal	Pass
2**	2272.000	41.15	-10.15	54.0	-12.85	AV	111.00	150	Horizontal	Pass
3	4982.200	50.07	-1.25	74.0	-23.93	Peak	314.00	150	Horizontal	Pass
3**	4982.200	38.95	-1.25	54.0	-15.05	AV	314.00	150	Horizontal	Pass
4	5702.200	103.92	-0.75	--	-257.08	Peak	361.00	150	Horizontal	N/A
4**	5702.200	97.62	-0.75	--	97.62	AV	361.00	150	Horizontal	N/A
5	12261.537	50.95	20.37	74.0	-23.05	Peak	235.00	150	Horizontal	Pass
5**	12261.537	38.56	20.37	54.0	-15.44	AV	235.00	150	Horizontal	Pass
6	15934.387	54.87	23.83	74.0	-19.13	Peak	135.00	150	Horizontal	Pass
6**	15934.387	45.09	23.83	54.0	-8.91	AV	135.00	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	1220.500	47.89	-14.93	74.0	-26.11	Peak	189.00	150	Vertical	Pass
1**	1220.500	40.21	-14.93	54.0	-13.79	AV	189.00	150	Vertical	Pass
2	2744.100	49.24	-9.03	74.0	-24.76	Peak	189.00	150	Vertical	Pass
2**	2744.100	40.64	-9.03	54.0	-13.36	AV	189.00	150	Vertical	Pass
3	4979.800	53.16	-1.25	74.0	-20.84	Peak	177.00	150	Vertical	Pass
3**	4979.800	40.39	-1.25	54.0	-13.61	AV	177.00	150	Vertical	Pass
4	5698.800	102.56	-0.82	--	-142.44	Peak	245.00	150	Vertical	N/A
4**	5698.800	98.47	-0.82	--	98.47	AV	245.00	150	Vertical	N/A
5	12319.901	50.89	19.92	74.0	-23.11	Peak	272.00	150	Vertical	Pass
5**	12319.901	38.76	19.92	54.0	-15.24	AV	272.00	150	Vertical	Pass
6	15920.474	55.02	23.65	74.0	-18.98	Peak	42.00	150	Vertical	Pass
6**	15920.474	44.97	23.65	54.0	-9.03	AV	42.00	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	1083.600	50.49	-14.96	74.0	-23.51	Peak	93.00	150	Horizontal	Pass
1**	1083.600	40.66	-14.96	54.0	-13.34	AV	93.00	150	Horizontal	Pass
2	2272.000	51.49	-10.15	74.0	-22.51	Peak	116.00	150	Horizontal	Pass
2**	2272.000	41.86	-10.15	54.0	-12.14	AV	116.00	150	Horizontal	Pass
3	4979.200	51.06	-1.30	74.0	-22.94	Peak	313.00	150	Horizontal	Pass
3**	4979.200	38.69	-1.30	54.0	-15.31	AV	313.00	150	Horizontal	Pass
4	5498.600	104.39	0.53	--	95.39	Peak	9.00	150	Horizontal	N/A
4**	5498.600	97.17	0.53	--	97.17	AV	9.00	150	Horizontal	N/A
5	12332.550	50.56	19.83	74.0	-23.44	Peak	146.00	150	Horizontal	Pass
5**	12332.550	39.27	19.83	54.0	-14.73	AV	146.00	150	Horizontal	Pass
6	15881.888	54.89	23.34	74.0	-19.11	Peak	185.00	150	Horizontal	Pass
6**	15881.888	44.20	23.34	54.0	-9.80	AV	185.00	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	1224.100	47.90	-14.80	74.0	-26.10	Peak	181.00	150	Vertical	Pass
1**	1224.100	37.95	-14.80	54.0	-16.05	AV	181.00	150	Vertical	Pass
2	2771.600	49.15	-8.76	74.0	-24.85	Peak	205.00	150	Vertical	Pass
2**	2771.600	38.78	-8.76	54.0	-15.22	AV	205.00	150	Vertical	Pass
3	4995.200	53.63	-1.00	74.0	-20.37	Peak	173.00	150	Vertical	Pass
3**	4995.200	40.13	-1.00	54.0	-13.87	AV	173.00	150	Vertical	Pass
4	5501.400	103.33	0.47	--	-189.67	Peak	293.00	150	Vertical	N/A
4**	5501.400	96.12	0.47	--	96.12	AV	293.00	150	Vertical	N/A
5	12164.076	50.51	20.09	74.0	-23.49	Peak	282.00	150	Vertical	Pass
5**	12164.076	38.44	20.09	54.0	-15.56	AV	282.00	150	Vertical	Pass
6	15714.675	55.17	23.49	74.0	-18.83	Peak	217.00	150	Vertical	Pass
6**	15714.675	43.89	23.49	54.0	-10.11	AV	217.00	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	1206.800	49.78	-14.98	74.0	-24.22	Peak	87.00	150	Horizontal	Pass
1**	1206.800	42.58	-14.98	54.0	-11.42	AV	87.00	150	Horizontal	Pass
2	2267.100	52.25	-10.41	74.0	-21.75	Peak	109.00	150	Horizontal	Pass
2**	2267.100	42.00	-10.41	54.0	-12.00	AV	109.00	150	Horizontal	Pass
3	4990.400	51.26	-1.06	74.0	-22.74	Peak	330.00	150	Horizontal	Pass
3**	4990.400	38.45	-1.06	54.0	-15.55	AV	330.00	150	Horizontal	Pass
4	5574.000	103.45	0.70	--	93.45	Peak	10.00	150	Horizontal	N/A
4**	5574.000	97.43	0.70	--	97.43	AV	10.00	150	Horizontal	N/A
5	12252.912	49.95	20.44	74.0	-24.05	Peak	360.00	150	Horizontal	Pass
5**	12252.912	38.48	20.44	54.0	-15.52	AV	360.00	150	Horizontal	Pass
6	15932.026	54.94	23.80	74.0	-19.06	Peak	238.00	150	Horizontal	Pass
6**	15932.026	43.90	23.80	54.0	-10.10	AV	238.00	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	1207.400	48.17	-14.96	74.0	-25.83	Peak	190.00	150	Vertical	Pass
1**	1207.400	38.59	-14.96	54.0	-15.41	AV	190.00	150	Vertical	Pass
2	2725.100	49.00	-9.00	74.0	-25.00	Peak	190.00	150	Vertical	Pass
2**	2725.100	38.58	-9.00	54.0	-15.42	AV	190.00	150	Vertical	Pass
3	4999.400	53.40	-0.90	74.0	-20.60	Peak	185.00	150	Vertical	Pass
3**	4999.400	41.65	-0.90	54.0	-12.35	AV	185.00	150	Vertical	Pass
4	5575.800	103.41	0.68	--	-3.59	Peak	107.00	150	Vertical	N/A
4**	5575.800	96.55	0.68	--	96.55	AV	107.00	150	Vertical	N/A
5	12369.350	50.24	19.52	74.0	-23.76	Peak	360.00	150	Vertical	Pass
5**	12369.350	38.83	19.52	54.0	-15.17	AV	360.00	150	Vertical	Pass
6	15937.013	55.63	23.87	74.0	-18.37	Peak	116.00	150	Vertical	Pass
6**	15937.013	43.79	23.87	54.0	-10.21	AV	116.00	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	1207.400	50.59	-14.96	74.0	-23.41	Peak	97.00	150	Horizontal	Pass
1**	1207.400	43.48	-14.96	54.0	-10.52	AV	97.00	150	Horizontal	Pass
2	2254.800	51.33	-10.45	74.0	-22.67	Peak	121.00	150	Horizontal	Pass
2**	2254.800	41.42	-10.45	54.0	-12.58	AV	121.00	150	Horizontal	Pass
3	4996.800	50.97	-0.92	74.0	-23.03	Peak	312.00	150	Horizontal	Pass
3**	4996.800	39.44	-0.92	54.0	-14.56	AV	312.00	150	Horizontal	Pass
4	5701.000	105.62	-0.81	--	89.62	Peak	16.00	150	Horizontal	N/A
4**	5701.000	97.97	-0.81	--	97.97	AV	16.00	150	Horizontal	N/A
5	12435.188	51.41	18.80	74.0	-22.59	Peak	297.00	150	Horizontal	Pass
5**	12435.188	38.62	18.80	54.0	-15.38	AV	297.00	150	Horizontal	Pass
6	15599.963	55.11	23.55	74.0	-18.89	Peak	238.00	150	Horizontal	Pass
6**	15599.963	43.10	23.55	54.0	-10.90	AV	238.00	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	1221.400	48.70	-14.94	74.0	-25.30	Peak	186.00	150	Vertical	Pass
1**	1221.400	40.20	-14.94	54.0	-13.80	AV	186.00	150	Vertical	Pass
2	2745.200	49.78	-8.98	74.0	-24.22	Peak	186.00	150	Vertical	Pass
2**	2745.200	40.71	-8.98	54.0	-13.29	AV	186.00	150	Vertical	Pass
3	4977.800	52.74	-1.33	74.0	-21.26	Peak	157.00	150	Vertical	Pass
3**	4977.800	40.16	-1.33	54.0	-13.84	AV	157.00	150	Vertical	Pass
4	5701.600	103.81	-0.79	--	-17.19	Peak	121.00	150	Vertical	N/A
4**	5701.600	96.50	-0.79	--	96.50	AV	121.00	150	Vertical	N/A
5	12380.849	51.01	19.39	74.0	-22.99	Peak	126.00	150	Vertical	Pass
5**	12380.849	38.32	19.39	54.0	-15.68	AV	126.00	150	Vertical	Pass
6	15625.162	56.13	23.48	74.0	-17.87	Peak	288.00	150	Vertical	Pass
6**	15625.162	43.28	23.48	54.0	-10.72	AV	288.00	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	1136.300	47.94	-15.21	74.0	-26.06	Peak	153.00	150	Horizontal	Pass
1**	1136.300	38.50	-15.21	54.0	-15.50	AV	153.00	150	Horizontal	Pass
2	2864.700	48.53	-7.81	74.0	-25.47	Peak	44.00	150	Horizontal	Pass
2**	2864.700	38.22	-7.81	54.0	-15.78	AV	44.00	150	Horizontal	Pass
3	4980.400	51.96	-1.20	74.0	-22.04	Peak	68.00	150	Horizontal	Pass
3**	4980.400	38.70	-1.20	54.0	-15.30	AV	68.00	150	Horizontal	Pass
4	5713.800	104.46	-0.54	--	86.46	Peak	18.00	150	Horizontal	N/A
4**	5713.800	96.74	-0.54	--	96.74	AV	18.00	150	Horizontal	N/A
5	11668.425	50.99	20.18	74.0	-23.01	Peak	19.00	150	Horizontal	Pass
5**	11668.425	39.12	20.18	54.0	-14.88	AV	19.00	150	Horizontal	Pass
6	15737.250	55.34	23.48	74.0	-18.66	Peak	149.00	150	Horizontal	Pass
6**	15737.250	43.92	23.48	54.0	-10.08	AV	149.00	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	1158.000	48.56	-14.95	74.0	-25.44	Peak	164.00	150	Vertical	Pass
1**	1158.000	39.33	-14.95	54.0	-14.67	AV	164.00	150	Vertical	Pass
2	2720.500	49.23	-9.12	74.0	-24.77	Peak	156.00	150	Vertical	Pass
2**	2720.500	39.47	-9.12	54.0	-14.53	AV	156.00	150	Vertical	Pass
3	4991.200	51.60	-1.02	74.0	-22.40	Peak	64.00	150	Vertical	Pass
3**	4991.200	39.63	-1.02	54.0	-14.37	AV	64.00	150	Vertical	Pass
4	5718.600	103.02	-0.56	--	-37.98	Peak	141.00	150	Vertical	N/A
4**	5718.600	96.36	-0.56	--	96.36	AV	141.00	150	Vertical	N/A
5	11652.901	50.32	20.36	74.0	-23.68	Peak	115.00	150	Vertical	Pass
5**	11652.901	39.10	20.36	54.0	-14.90	AV	115.00	150	Vertical	Pass
6	16009.201	55.83	23.99	74.0	-18.17	Peak	12.00	150	Vertical	Pass
6**	16009.201	42.76	23.99	54.0	-11.24	AV	12.00	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	1128.400	48.88	-15.29	74.0	-25.12	Peak	158.00	150	Horizontal	Pass
1**	1128.400	39.69	-15.29	54.0	-14.31	AV	158.00	150	Horizontal	Pass
2	2727.200	47.04	-8.99	74.0	-26.96	Peak	21.00	150	Horizontal	Pass
2**	2727.200	36.41	-8.99	54.0	-17.59	AV	21.00	150	Horizontal	Pass
3	4984.800	51.71	-1.27	74.0	-22.29	Peak	124.00	150	Horizontal	Pass
3**	4984.800	40.58	-1.27	54.0	-13.42	AV	124.00	150	Horizontal	Pass
4	5505.800	102.39	0.41	--	92.39	Peak	10.00	150	Horizontal	N/A
4**	5505.800	94.55	0.41	--	94.55	AV	10.00	150	Horizontal	N/A
5	11756.687	50.77	18.88	74.0	-23.23	Peak	96.00	150	Horizontal	Pass
5**	11756.687	40.96	18.88	54.0	-13.04	AV	96.00	150	Horizontal	Pass
6	15951.713	56.56	23.96	74.0	-17.44	Peak	9.00	150	Horizontal	Pass
6**	15951.713	44.35	23.96	54.0	-9.65	AV	9.00	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	1146.500	48.98	-15.00	74.0	-25.02	Peak	154.00	150	Vertical	Pass
1**	1146.500	38.28	-15.00	54.0	-15.72	AV	154.00	150	Vertical	Pass
2	2746.700	49.44	-9.01	74.0	-24.56	Peak	164.00	150	Vertical	Pass
2**	2746.700	40.01	-9.01	54.0	-13.99	AV	164.00	150	Vertical	Pass
3	4979.800	51.57	-1.25	74.0	-22.43	Peak	159.00	150	Vertical	Pass
3**	4979.800	41.05	-1.25	54.0	-12.95	AV	159.00	150	Vertical	Pass
4	5505.800	100.01	0.41	--	-19.99	Peak	120.00	150	Vertical	N/A
4**	5505.800	94.14	0.41	--	94.14	AV	120.00	150	Vertical	N/A
5	11674.750	50.36	20.12	74.0	-23.64	Peak	186.00	150	Vertical	Pass
5**	11674.750	38.52	20.12	54.0	-15.48	AV	186.00	150	Vertical	Pass
6	15533.025	55.73	23.73	74.0	-18.27	Peak	312.00	150	Vertical	Pass
6**	15533.025	43.44	23.73	54.0	-10.56	AV	312.00	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	1151.800	48.42	-14.93	74.0	-25.58	Peak	157.00	150	Horizontal	Pass
1**	1151.800	40.46	-14.93	54.0	-13.54	AV	157.00	150	Horizontal	Pass
2	2774.700	45.80	-8.62	74.0	-28.20	Peak	22.00	150	Horizontal	Pass
2**	2774.700	37.10	-8.62	54.0	-16.90	AV	22.00	150	Horizontal	Pass
3	4991.200	52.70	-1.02	74.0	-21.30	Peak	124.00	150	Horizontal	Pass
3**	4991.200	39.88	-1.02	54.0	-14.12	AV	124.00	150	Horizontal	Pass
4	5587.800	101.97	0.76	--	92.97	Peak	9.00	150	Horizontal	N/A
4**	5587.800	95.21	0.76	--	95.21	AV	9.00	150	Horizontal	N/A
5	12382.576	51.46	19.37	74.0	-22.54	Peak	141.00	150	Horizontal	Pass
5**	12382.576	38.53	19.37	54.0	-15.47	AV	141.00	150	Horizontal	Pass
6	15610.463	55.49	23.50	74.0	-18.51	Peak	-2.00	150	Horizontal	Pass
6**	15610.463	43.57	23.50	54.0	-10.43	AV	-2.00	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	1161.700	49.39	-14.96	74.0	-24.61	Peak	163.00	150	Vertical	Pass
1**	1161.700	38.98	-14.96	54.0	-15.02	AV	163.00	150	Vertical	Pass
2	2716.000	49.43	-9.19	74.0	-24.57	Peak	163.00	150	Vertical	Pass
2**	2716.000	39.36	-9.19	54.0	-14.64	AV	163.00	150	Vertical	Pass
3	4798.400	49.64	-1.61	74.0	-24.36	Peak	357.00	150	Vertical	Pass
3**	4798.400	38.13	-1.61	54.0	-15.87	AV	357.00	150	Vertical	Pass
4	5592.400	100.62	0.46	--	-152.38	Peak	253.00	150	Vertical	N/A
4**	5592.400	93.61	0.46	--	93.61	AV	253.00	150	Vertical	N/A
5	11651.463	51.09	20.37	74.0	-22.91	Peak	250.00	150	Vertical	Pass
5**	11651.463	39.63	20.37	54.0	-14.37	AV	250.00	150	Vertical	Pass
6	15483.150	55.62	23.70	74.0	-18.38	Peak	327.00	150	Vertical	Pass
6**	15483.150	44.05	23.70	54.0	-9.95	AV	327.00	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	1115.200	48.38	-15.34	74.0	-25.62	Peak	152.00	150	Horizontal	Pass
1**	1115.200	38.83	-15.34	54.0	-15.17	AV	152.00	150	Horizontal	Pass
2	2723.800	46.77	-9.02	74.0	-27.23	Peak	39.00	150	Horizontal	Pass
2**	2723.800	37.31	-9.02	54.0	-16.69	AV	39.00	150	Horizontal	Pass
3	4987.600	51.53	-1.21	74.0	-22.47	Peak	121.00	150	Horizontal	Pass
3**	4987.600	39.36	-1.21	54.0	-14.64	AV	121.00	150	Horizontal	Pass
4	5667.600	102.57	0.15	--	-258.43	Peak	361.00	150	Horizontal	N/A
4**	5667.600	96.03	0.15	--	96.03	AV	361.00	150	Horizontal	N/A
5	11680.787	50.92	20.06	74.0	-23.08	Peak	294.00	150	Horizontal	Pass
5**	11680.787	39.29	20.06	54.0	-14.71	AV	294.00	150	Horizontal	Pass
6	15454.537	55.60	23.45	74.0	-18.40	Peak	83.00	150	Horizontal	Pass
6**	15454.537	44.39	23.45	54.0	-9.61	AV	83.00	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	1156.600	48.44	-14.95	74.0	-25.56	Peak	157.00	150	Vertical	Pass
1**	1156.600	37.86	-14.95	54.0	-16.14	AV	157.00	150	Vertical	Pass
2	2732.700	49.37	-8.96	74.0	-24.63	Peak	157.00	150	Vertical	Pass
2**	2732.700	39.02	-8.96	54.0	-14.98	AV	157.00	150	Vertical	Pass
3	4988.200	51.30	-1.17	74.0	-22.70	Peak	63.00	150	Vertical	Pass
3**	4988.200	40.38	-1.17	54.0	-13.62	AV	63.00	150	Vertical	Pass
4	5674.000	101.29	-0.08	--	-9.71	Peak	111.00	150	Vertical	N/A
4**	5674.000	94.14	-0.08	--	94.14	AV	111.00	150	Vertical	N/A
5	12352.963	51.23	19.69	74.0	-22.77	Peak	222.00	150	Vertical	Pass
5**	12352.963	39.33	19.69	54.0	-14.67	AV	222.00	150	Vertical	Pass
6	15475.537	55.59	23.62	74.0	-18.41	Peak	199.00	150	Vertical	Pass
6**	15475.537	44.07	23.62	54.0	-9.93	AV	199.00	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	1113.000	48.49	-15.33	74.0	-25.51	Peak	158.00	150	Horizontal	Pass
1**	1113.000	38.80	-15.33	54.0	-15.20	AV	158.00	150	Horizontal	Pass
2	2731.600	46.78	-9.01	74.0	-27.22	Peak	31.00	150	Horizontal	Pass
2**	2731.600	37.99	-9.01	54.0	-16.01	AV	31.00	150	Horizontal	Pass
3	4998.800	52.84	-0.87	74.0	-21.16	Peak	130.00	150	Horizontal	Pass
3**	4998.800	42.40	-0.87	54.0	-11.60	AV	130.00	150	Horizontal	Pass
4	5708.800	102.36	-0.45	--	89.36	Peak	13.00	150	Horizontal	N/A
4**	5708.800	96.20	-0.45	--	96.20	AV	13.00	150	Horizontal	N/A
5	11778.250	50.73	18.72	74.0	-23.27	Peak	0.00	150	Horizontal	Pass
5**	11778.250	38.81	18.72	54.0	-15.19	AV	0.00	150	Horizontal	Pass
6	16155.675	55.91	23.93	74.0	-18.09	Peak	166.00	150	Horizontal	Pass
6**	16155.675	44.81	23.93	54.0	-9.19	AV	166.00	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	1161.800	49.16	-14.97	74.0	-24.84	Peak	161.00	150	Vertical	Pass
1**	1161.800	40.09	-14.97	54.0	-13.91	AV	161.00	150	Vertical	Pass
2	2715.700	48.90	-9.20	74.0	-25.10	Peak	161.00	150	Vertical	Pass
2**	2715.700	40.45	-9.20	54.0	-13.55	AV	161.00	150	Vertical	Pass
3	4983.600	51.08	-1.34	74.0	-22.92	Peak	14.00	150	Vertical	Pass
3**	4983.600	39.23	-1.34	54.0	-14.77	AV	14.00	150	Vertical	Pass
4	5713.200	100.87	-0.49	--	-20.13	Peak	121.00	150	Vertical	N/A
4**	5713.200	94.30	-0.49	--	94.30	AV	121.00	150	Vertical	N/A
5	11691.425	50.45	19.93	74.0	-23.55	Peak	323.00	150	Vertical	Pass
5**	11691.425	38.69	19.93	54.0	-15.31	AV	323.00	150	Vertical	Pass
6	15967.200	55.77	24.00	74.0	-18.23	Peak	271.00	150	Vertical	Pass
6**	15967.200	43.10	24.00	54.0	-10.90	AV	271.00	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	1114.500	48.78	-15.33	74.0	-25.22	Peak	157.00	150	Horizontal	Pass
1**	1114.500	38.41	-15.33	54.0	-15.59	AV	157.00	150	Horizontal	Pass
2	2740.300	46.50	-9.00	74.0	-27.50	Peak	48.00	150	Horizontal	Pass
2**	2740.300	37.63	-9.00	54.0	-16.37	AV	48.00	150	Horizontal	Pass
3	4997.200	51.22	-0.89	74.0	-22.78	Peak	111.00	150	Horizontal	Pass
3**	4997.200	40.37	-0.89	54.0	-13.63	AV	111.00	150	Horizontal	Pass
4	5526.400	97.35	0.14	--	-262.65	Peak	360.00	150	Horizontal	N/A
4**	5526.400	91.10	0.14	--	91.10	AV	360.00	150	Horizontal	N/A
5	11789.750	50.31	18.63	74.0	-23.69	Peak	283.00	150	Horizontal	Pass
5**	11789.750	38.36	18.63	54.0	-15.64	AV	283.00	150	Horizontal	Pass
6	15557.175	55.47	23.59	74.0	-18.53	Peak	255.00	150	Horizontal	Pass
6**	15557.175	43.38	23.59	54.0	-10.62	AV	255.00	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	1158.500	48.95	-14.94	74.0	-25.05	Peak	164.00	150	Vertical	Pass
1**	1158.500	40.16	-14.94	54.0	-13.84	AV	164.00	150	Vertical	Pass
2	2708.200	49.50	-9.36	74.0	-24.50	Peak	156.00	150	Vertical	Pass
2**	2708.200	39.84	-9.36	54.0	-14.16	AV	156.00	150	Vertical	Pass
3	4997.200	51.27	-0.89	74.0	-22.73	Peak	218.00	150	Vertical	Pass
3**	4997.200	40.10	-0.89	54.0	-13.90	AV	218.00	150	Vertical	Pass
4	5516.000	96.29	0.34	--	-24.71	Peak	121.00	150	Vertical	N/A
4**	5516.000	89.72	0.34	--	89.72	AV	121.00	150	Vertical	N/A
5	11683.088	50.90	20.03	74.0	-23.10	Peak	325.00	150	Vertical	Pass
5**	11683.088	38.50	20.03	54.0	-15.50	AV	325.00	150	Vertical	Pass
6	15634.875	55.68	23.53	74.0	-18.32	Peak	125.00	150	Vertical	Pass
6**	15634.875	43.94	23.53	54.0	-10.06	AV	125.00	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	1130.300	48.71	-15.26	74.0	-25.29	Peak	161.00	150	Horizontal	Pass
1**	1130.300	38.82	-15.26	54.0	-15.18	AV	161.00	150	Horizontal	Pass
2	2722.800	47.17	-9.02	74.0	-26.83	Peak	48.00	150	Horizontal	Pass
2**	2722.800	39.18	-9.02	54.0	-14.82	AV	48.00	150	Horizontal	Pass
3	4994.400	52.31	-1.04	74.0	-21.69	Peak	130.00	150	Horizontal	Pass
3**	4994.400	41.14	-1.04	54.0	-12.86	AV	130.00	150	Horizontal	Pass
4	5615.600	99.46	-0.27	--	87.46	Peak	12.00	150	Horizontal	N/A
4**	5615.600	92.40	-0.27	--	92.40	AV	12.00	150	Horizontal	N/A
5	11655.487	50.80	20.33	74.0	-23.20	Peak	277.00	150	Horizontal	Pass
5**	11655.487	38.98	20.33	54.0	-15.02	AV	277.00	150	Horizontal	Pass
6	15950.401	55.34	23.95	74.0	-18.66	Peak	350.00	150	Horizontal	Pass
6**	15950.401	44.48	23.95	54.0	-9.52	AV	350.00	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	1152.600	48.58	-14.93	74.0	-25.42	Peak	158.00	150	Vertical	Pass
1**	1152.600	40.09	-14.93	54.0	-13.91	AV	158.00	150	Vertical	Pass
2	2745.100	48.32	-8.99	74.0	-25.68	Peak	158.00	150	Vertical	Pass
2**	2745.100	40.56	-8.99	54.0	-13.44	AV	158.00	150	Vertical	Pass
3	4999.600	51.28	-0.91	74.0	-22.72	Peak	14.00	150	Vertical	Pass
3**	4999.600	40.72	-0.91	54.0	-13.28	AV	14.00	150	Vertical	Pass
4	5602.400	99.30	-0.01	--	-198.70	Peak	298.00	150	Vertical	N/A
4**	5602.400	90.67	-0.01	--	90.67	AV	298.00	150	Vertical	N/A
5	11653.188	50.77	20.35	74.0	-23.23	Peak	84.00	150	Vertical	Pass
5**	11653.188	39.67	20.35	54.0	-14.33	AV	84.00	150	Vertical	Pass
6	15644.849	55.29	23.54	74.0	-18.71	Peak	348.00	150	Vertical	Pass
6**	15644.849	44.99	23.54	54.0	-9.01	AV	348.00	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	1133.800	49.72	-15.19	74.0	-24.28	Peak	161.00	150	Horizontal	Pass
1**	1133.800	39.37	-15.19	54.0	-14.63	AV	161.00	150	Horizontal	Pass
2	2848.300	47.96	-7.82	74.0	-26.04	Peak	42.00	150	Horizontal	Pass
2**	2848.300	38.72	-7.82	54.0	-15.28	AV	42.00	150	Horizontal	Pass
3	4989.600	51.52	-1.10	74.0	-22.48	Peak	118.00	150	Horizontal	Pass
3**	4989.600	40.94	-1.10	54.0	-13.06	AV	118.00	150	Horizontal	Pass
4	5681.800	100.36	-0.27	--	89.36	Peak	11.00	150	Horizontal	N/A
4**	5681.800	93.08	-0.27	--	93.08	AV	11.00	150	Horizontal	N/A
5	11655.487	50.00	20.33	74.0	-24.00	Peak	116.00	150	Horizontal	Pass
5**	11655.487	39.45	20.33	54.0	-14.55	AV	116.00	150	Horizontal	Pass
6	15939.375	55.49	23.90	74.0	-18.51	Peak	121.00	150	Horizontal	Pass
6**	15939.375	43.65	23.90	54.0	-10.35	AV	121.00	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	1152.800	48.50	-14.93	74.0	-25.50	Peak	155.00	150	Vertical	Pass
1**	1152.800	39.83	-14.93	54.0	-14.17	AV	155.00	150	Vertical	Pass
2	2731.600	49.01	-9.01	74.0	-24.99	Peak	164.00	150	Vertical	Pass
2**	2731.600	39.30	-9.01	54.0	-14.70	AV	164.00	150	Vertical	Pass
3	4985.600	52.09	-1.23	74.0	-21.91	Peak	10.00	150	Vertical	Pass
3**	4985.600	40.16	-1.23	54.0	-13.84	AV	10.00	150	Vertical	Pass
4	5683.600	97.62	-0.43	--	-20.38	Peak	118.00	150	Vertical	N/A
4**	5683.600	90.77	-0.43	--	90.77	AV	118.00	150	Vertical	N/A
5	11725.062	50.21	19.36	74.0	-23.79	Peak	210.00	150	Vertical	Pass
5**	11725.062	39.27	19.36	54.0	-14.73	AV	210.00	150	Vertical	Pass
6	15641.700	55.13	23.56	74.0	-18.87	Peak	360.00	150	Vertical	Pass
6**	15641.700	43.34	23.56	54.0	-10.66	AV	360.00	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	1142.800	49.84	-15.08	74.0	-24.16	Peak	158.00	150	Horizontal	Pass
1**	1142.800	38.91	-15.08	54.0	-15.09	AV	158.00	150	Horizontal	Pass
2	2845.300	47.65	-7.98	74.0	-26.35	Peak	47.00	150	Horizontal	Pass
2**	2845.300	38.60	-7.98	54.0	-15.40	AV	47.00	150	Horizontal	Pass
3	4985.000	51.90	-1.26	74.0	-22.10	Peak	126.00	150	Horizontal	Pass
3**	4985.000	40.11	-1.26	54.0	-13.89	AV	126.00	150	Horizontal	Pass
4	5743.400	104.42	0.12	--	-166.58	Peak	271.00	150	Horizontal	N/A
4**	5743.400	96.11	0.12	--	96.11	AV	271.00	150	Horizontal	N/A
5	11756.687	50.68	18.88	74.0	-23.32	Peak	205.00	150	Horizontal	Pass
5**	11756.687	39.45	18.88	54.0	-14.55	AV	205.00	150	Horizontal	Pass
6	15579.225	55.51	23.57	74.0	-18.49	Peak	165.00	150	Horizontal	Pass
6**	15579.225	44.33	23.57	54.0	-9.67	AV	165.00	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	1163.100	48.62	-15.00	74.0	-25.38	Peak	163.00	150	Vertical	Pass
1**	1163.100	39.06	-15.00	54.0	-14.94	AV	163.00	150	Vertical	Pass
2	2724.500	49.31	-9.01	74.0	-24.69	Peak	156.00	150	Vertical	Pass
2**	2724.500	39.81	-9.01	54.0	-14.19	AV	156.00	150	Vertical	Pass
3	4979.800	51.33	-1.25	74.0	-22.67	Peak	157.00	150	Vertical	Pass
3**	4979.800	42.16	-1.25	54.0	-11.84	AV	157.00	150	Vertical	Pass
4	5741.400	103.21	0.01	--	-36.79	Peak	140.00	150	Vertical	N/A
4**	5741.400	96.35	0.01	--	96.35	AV	140.00	150	Vertical	N/A
5	11784.287	50.57	18.68	74.0	-23.43	Peak	77.00	150	Vertical	Pass
5**	11784.287	39.68	18.68	54.0	-14.32	AV	77.00	150	Vertical	Pass
6	15942.787	55.76	23.92	74.0	-18.24	Peak	57.00	150	Vertical	Pass
6**	15942.787	44.54	23.92	54.0	-9.46	AV	57.00	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	1142.700	49.17	-15.08	74.0	-24.83	Peak	157.00	150	Horizontal	Pass
1**	1142.700	39.99	-15.08	54.0	-14.01	AV	157.00	150	Horizontal	Pass
2	2784.900	45.69	-8.81	74.0	-28.31	Peak	86.00	150	Horizontal	Pass
2**	2784.900	37.01	-8.81	54.0	-16.99	AV	86.00	150	Horizontal	Pass
3	4988.400	52.32	-1.16	74.0	-21.68	Peak	73.00	150	Horizontal	Pass
3**	4988.400	39.58	-1.16	54.0	-14.42	AV	73.00	150	Horizontal	Pass
4	5780.600	105.07	1.04	--	90.07	Peak	15.00	150	Horizontal	N/A
4**	5780.600	97.27	1.04	--	97.27	AV	15.00	150	Horizontal	N/A
5	12089.326	50.80	19.31	74.0	-23.20	Peak	199.00	150	Horizontal	Pass
5**	12089.326	38.45	19.31	54.0	-15.55	AV	199.00	150	Horizontal	Pass
6	15529.612	55.46	23.74	74.0	-18.54	Peak	110.00	150	Horizontal	Pass
6**	15529.612	44.36	23.74	54.0	-9.64	AV	110.00	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	1165.900	48.86	-14.98	74.0	-25.14	Peak	158.00	150	Vertical	Pass
1**	1165.900	39.13	-14.98	54.0	-14.87	AV	158.00	150	Vertical	Pass
2	2743.700	48.43	-9.05	74.0	-25.57	Peak	158.00	150	Vertical	Pass
2**	2743.700	40.48	-9.05	54.0	-13.52	AV	158.00	150	Vertical	Pass
3	4987.000	51.77	-1.22	74.0	-22.23	Peak	38.00	150	Vertical	Pass
3**	4987.000	38.67	-1.22	54.0	-15.33	AV	38.00	150	Vertical	Pass
4	5786.800	104.97	0.81	--	-151.03	Peak	256.00	150	Vertical	N/A
4**	5786.800	97.26	0.81	--	97.26	AV	256.00	150	Vertical	N/A
5	11771.924	50.60	18.77	74.0	-23.40	Peak	162.00	150	Vertical	Pass
5**	11771.924	38.54	18.77	54.0	-15.46	AV	162.00	150	Vertical	Pass
6	15571.088	55.59	23.58	74.0	-18.41	Peak	345.00	150	Vertical	Pass
6**	15571.088	44.27	23.58	54.0	-9.73	AV	345.00	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	1129.700	48.84	-15.27	74.0	-25.16	Peak	158.00	150	Horizontal	Pass
1**	1129.700	38.90	-15.27	54.0	-15.10	AV	158.00	150	Horizontal	Pass
2	2851.300	48.08	-7.69	74.0	-25.92	Peak	42.00	150	Horizontal	Pass
2**	2851.300	37.17	-7.69	54.0	-16.83	AV	42.00	150	Horizontal	Pass
3	4993.800	51.96	-1.06	74.0	-22.04	Peak	117.00	150	Horizontal	Pass
3**	4993.800	40.87	-1.06	54.0	-13.13	AV	117.00	150	Horizontal	Pass
4	5823.800	104.05	0.83	--	-2.95	Peak	107.00	150	Horizontal	N/A
4**	5823.800	97.39	0.83	--	97.39	AV	107.00	150	Horizontal	N/A
5	11641.687	50.40	20.37	74.0	-23.60	Peak	311.00	150	Horizontal	Pass
5**	11641.687	39.19	20.37	54.0	-14.81	AV	311.00	150	Horizontal	Pass
6	15790.012	55.27	23.16	74.0	-18.73	Peak	-2.00	150	Horizontal	Pass
6**	15790.012	42.40	23.16	54.0	-11.60	AV	-2.00	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	1146.400	48.10	-15.00	74.0	-25.90	Peak	156.00	150	Vertical	Pass
1**	1146.400	38.33	-15.00	54.0	-15.67	AV	156.00	150	Vertical	Pass
2	2729.900	48.54	-9.03	74.0	-25.46	Peak	167.00	150	Vertical	Pass
2**	2729.900	40.15	-9.03	54.0	-13.85	AV	167.00	150	Vertical	Pass
3	4987.600	51.71	-1.21	74.0	-22.29	Peak	267.00	150	Vertical	Pass
3**	4987.600	40.00	-1.21	54.0	-14.00	AV	267.00	150	Vertical	Pass
4	5824.200	102.59	0.81	--	-191.41	Peak	294.00	150	Vertical	N/A
4**	5824.200	96.08	0.81	--	96.08	AV	294.00	150	Vertical	N/A
5	11665.263	50.26	20.22	74.0	-23.74	Peak	239.00	150	Vertical	Pass
5**	11665.263	38.87	20.22	54.0	-15.13	AV	239.00	150	Vertical	Pass
6	15932.812	55.69	23.81	74.0	-18.31	Peak	11.00	150	Vertical	Pass
6**	15932.812	45.39	23.81	54.0	-8.61	AV	11.00	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	1125.800	49.10	-15.29	74.0	-24.90	Peak	158.00	150	Horizontal	Pass
1**	1125.800	39.51	-15.29	54.0	-14.49	AV	158.00	150	Horizontal	Pass
2	2775.400	46.44	-8.59	74.0	-27.56	Peak	47.00	150	Horizontal	Pass
2**	2775.400	35.47	-8.59	54.0	-18.53	AV	47.00	150	Horizontal	Pass
3	4999.400	52.64	-0.90	74.0	-21.36	Peak	47.00	150	Horizontal	Pass
3**	4999.400	40.01	-0.90	54.0	-13.99	AV	47.00	150	Horizontal	Pass
4	5743.800	103.96	0.15	--	94.96	Peak	9.00	150	Horizontal	N/A
4**	5743.800	98.37	0.15	--	98.37	AV	9.00	150	Horizontal	N/A
5	11665.263	50.35	20.22	74.0	-23.65	Peak	360.00	150	Horizontal	Pass
5**	11665.263	39.90	20.22	54.0	-14.10	AV	360.00	150	Horizontal	Pass
6	15551.925	55.30	23.60	74.0	-18.70	Peak	27.00	150	Horizontal	Pass
6**	15551.925	43.75	23.60	54.0	-10.25	AV	27.00	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	1165.800	48.36	-14.98	74.0	-25.64	Peak	166.00	150	Vertical	Pass
1**	1165.800	39.72	-14.98	54.0	-14.28	AV	166.00	150	Vertical	Pass
2	2735.600	48.61	-9.04	74.0	-25.39	Peak	166.00	150	Vertical	Pass
2**	2735.600	39.73	-9.04	54.0	-14.27	AV	166.00	150	Vertical	Pass
3	4989.600	51.87	-1.10	74.0	-22.13	Peak	15.00	150	Vertical	Pass
3**	4989.600	39.62	-1.10	54.0	-14.38	AV	15.00	150	Vertical	Pass
4	5747.600	103.21	0.31	--	31.21	Peak	72.00	150	Vertical	N/A
4**	5747.600	96.42	0.31	--	96.42	AV	72.00	150	Vertical	N/A
5	11766.750	50.88	18.80	74.0	-23.12	Peak	360.00	150	Vertical	Pass
5**	11766.750	38.39	18.80	54.0	-15.61	AV	360.00	150	Vertical	Pass
6	15609.675	55.84	23.50	74.0	-18.16	Peak	122.00	150	Vertical	Pass
6**	15609.675	44.50	23.50	54.0	-9.50	AV	122.00	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	1130.500	48.11	-15.26	74.0	-25.89	Peak	162.00	150	Horizontal	Pass
1**	1130.500	39.49	-15.26	54.0	-14.51	AV	162.00	150	Horizontal	Pass
2	2812.800	45.82	-8.52	74.0	-28.18	Peak	44.00	150	Horizontal	Pass
2**	2812.800	38.18	-8.52	54.0	-15.82	AV	44.00	150	Horizontal	Pass
3	4999.600	52.35	-0.91	74.0	-21.65	Peak	50.00	150	Horizontal	Pass
3**	4999.600	41.00	-0.91	54.0	-13.00	AV	50.00	150	Horizontal	Pass
4	5784.000	105.14	0.80	--	96.14	Peak	9.00	150	Horizontal	N/A
4**	5784.000	98.55	0.80	--	98.55	AV	9.00	150	Horizontal	N/A
5	11738.287	50.95	19.13	74.0	-23.05	Peak	29.00	150	Horizontal	Pass
5**	11738.287	41.89	19.13	54.0	-12.11	AV	29.00	150	Horizontal	Pass
6	15481.575	54.99	23.68	74.0	-19.01	Peak	58.00	150	Horizontal	Pass
6**	15481.575	44.15	23.68	54.0	-9.85	AV	58.00	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	1142.800	49.88	-15.08	74.0	-24.12	Peak	154.00	150	Vertical	Pass
1**	1142.800	39.87	-15.08	54.0	-14.13	AV	154.00	150	Vertical	Pass
2	2725.000	48.43	-9.00	74.0	-25.57	Peak	154.00	150	Vertical	Pass
2**	2725.000	39.87	-9.00	54.0	-14.13	AV	154.00	150	Vertical	Pass
3	4991.600	51.05	-1.00	74.0	-22.95	Peak	14.00	150	Vertical	Pass
3**	4991.600	39.85	-1.00	54.0	-14.15	AV	14.00	150	Vertical	Pass
4	5786.800	103.38	0.81	--	24.38	Peak	79.00	150	Vertical	N/A
4**	5786.800	96.62	0.81	--	96.62	AV	79.00	150	Vertical	N/A
5	11737.425	50.21	19.14	74.0	-23.79	Peak	220.00	150	Vertical	Pass
5**	11737.425	39.78	19.14	54.0	-14.22	AV	220.00	150	Vertical	Pass
6	15951.974	55.70	23.96	74.0	-18.30	Peak	360.00	150	Vertical	Pass
6**	15951.974	44.57	23.96	54.0	-9.43	AV	360.00	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	1155.100	48.36	-14.94	74.0	-25.64	Peak	112.00	150	Horizontal	Pass
1**	1155.100	38.36	-14.94	54.0	-15.64	AV	112.00	150	Horizontal	Pass
2	2766.600	45.84	-8.89	74.0	-28.16	Peak	98.00	150	Horizontal	Pass
2**	2766.600	35.76	-8.89	54.0	-18.24	AV	98.00	150	Horizontal	Pass
3	4989.400	51.81	-1.11	74.0	-22.19	Peak	127.00	150	Horizontal	Pass
3**	4989.400	39.72	-1.11	54.0	-14.28	AV	127.00	150	Horizontal	Pass
4	5828.400	105.11	0.91	--	-160.89	Peak	266.00	150	Horizontal	N/A
4**	5828.400	98.46	0.91	--	98.46	AV	266.00	150	Horizontal	N/A
5	11658.075	50.18	20.29	74.0	-23.82	Peak	312.00	150	Horizontal	Pass
5**	11658.075	39.77	20.29	54.0	-14.23	AV	312.00	150	Horizontal	Pass
6	15467.400	55.66	23.58	74.0	-18.34	Peak	360.00	150	Horizontal	Pass
6**	15467.400	43.26	23.58	54.0	-10.74	AV	360.00	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	1160.000	49.45	-14.89	74.0	-24.55	Peak	167.00	150	Vertical	Pass
1**	1160.000	39.80	-14.89	54.0	-14.20	AV	167.00	150	Vertical	Pass
2	2723.100	48.78	-9.02	74.0	-25.22	Peak	167.00	150	Vertical	Pass
2**	2723.100	39.76	-9.02	54.0	-14.24	AV	167.00	150	Vertical	Pass
3	4987.000	51.05	-1.22	74.0	-22.95	Peak	145.00	150	Vertical	Pass
3**	4987.000	38.68	-1.22	54.0	-15.32	AV	145.00	150	Vertical	Pass
4	5822.800	103.76	0.87	--	-151.24	Peak	255.00	150	Vertical	N/A
4**	5822.800	96.95	0.87	--	96.95	AV	255.00	150	Vertical	N/A
5	11679.638	50.44	20.07	74.0	-23.56	Peak	0.00	150	Vertical	Pass
5**	11679.638	39.69	20.07	54.0	-14.31	AV	0.00	150	Vertical	Pass
6	15588.675	55.66	23.56	74.0	-18.34	Peak	-2.00	150	Vertical	Pass
6**	15588.675	44.00	23.56	54.0	-10.00	AV	-2.00	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	1073.000	48.68	-15.03	74.0	-25.32	Peak	269.00	150	Horizontal	Pass
1**	1073.000	41.06	-15.03	54.0	-12.94	AV	269.00	150	Horizontal	Pass
2	2865.800	47.68	-7.80	74.0	-26.32	Peak	44.00	150	Horizontal	Pass
2**	2865.800	38.29	-7.80	54.0	-15.71	AV	44.00	150	Horizontal	Pass
3	4981.600	51.89	-1.18	74.0	-22.11	Peak	72.00	150	Horizontal	Pass
3**	4981.600	39.94	-1.18	54.0	-14.06	AV	72.00	150	Horizontal	Pass
4	5752.000	101.65	0.47	--	-169.35	Peak	271.00	150	Horizontal	N/A
4**	5752.000	95.31	0.47	--	95.31	AV	271.00	150	Horizontal	N/A
5	11665.838	50.89	20.21	74.0	-23.11	Peak	314.00	150	Horizontal	Pass
5**	11665.838	38.46	20.21	54.0	-15.54	AV	314.00	150	Horizontal	Pass
6	15958.799	55.89	23.99	74.0	-18.11	Peak	142.00	150	Horizontal	Pass
6**	15958.799	43.83	23.99	54.0	-10.17	AV	142.00	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	1125.300	48.33	-15.33	74.0	-25.67	Peak	163.00	150	Vertical	Pass
1**	1125.300	38.95	-15.33	54.0	-15.05	AV	163.00	150	Vertical	Pass
2	2823.900	46.65	-8.53	74.0	-27.35	Peak	45.00	150	Vertical	Pass
2**	2823.900	37.13	-8.53	54.0	-16.87	AV	45.00	150	Vertical	Pass
3	4988.000	52.12	-1.18	74.0	-21.88	Peak	62.00	150	Vertical	Pass
3**	4988.000	38.70	-1.18	54.0	-15.30	AV	62.00	150	Vertical	Pass
4	5757.000	102.29	0.62	--	88.29	Peak	14.00	150	Vertical	N/A
4**	5757.000	95.68	0.62	--	95.68	AV	14.00	150	Vertical	N/A
5	11756.975	49.86	18.88	74.0	-24.14	Peak	152.00	150	Vertical	Pass
5**	11756.975	39.63	18.88	54.0	-14.37	AV	152.00	150	Vertical	Pass
6	15639.338	55.31	23.56	74.0	-18.69	Peak	340.00	150	Vertical	Pass
6**	15639.338	43.65	23.56	54.0	-10.35	AV	340.00	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	1155.700	49.79	-14.94	74.0	-24.21	Peak	163.00	150	Horizontal	Pass
1**	1155.700	39.44	-14.94	54.0	-14.56	AV	163.00	150	Horizontal	Pass
2	2736.400	48.45	-9.00	74.0	-25.55	Peak	163.00	150	Horizontal	Pass
2**	2736.400	40.07	-9.00	54.0	-13.93	AV	163.00	150	Horizontal	Pass
3	4977.200	50.98	-1.34	74.0	-23.02	Peak	16.00	150	Horizontal	Pass
3**	4977.200	38.36	-1.34	54.0	-15.64	AV	16.00	150	Horizontal	Pass
4	5797.400	100.71	0.80	--	-17.29	Peak	118.00	150	Horizontal	N/A
4**	5797.400	94.64	0.80	--	94.64	AV	118.00	150	Horizontal	N/A
5	12241.700	50.77	20.43	74.0	-23.23	Peak	244.00	150	Horizontal	Pass
5**	12241.700	38.77	20.43	54.0	-15.23	AV	244.00	150	Horizontal	Pass
6	15984.000	55.78	24.01	74.0	-18.22	Peak	130.00	150	Horizontal	Pass
6**	15984.000	44.88	24.01	54.0	-9.12	AV	130.00	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	1067.000	48.08	-14.80	74.0	-25.92	Peak	265.00	150	Vertical	Pass
1**	1067.000	38.62	-14.80	54.0	-15.38	AV	265.00	150	Vertical	Pass
2	2713.400	47.11	-9.33	74.0	-26.89	Peak	52.00	150	Vertical	Pass
2**	2713.400	37.66	-9.33	54.0	-16.34	AV	52.00	150	Vertical	Pass
3	4991.600	51.57	-1.00	74.0	-22.43	Peak	139.00	150	Vertical	Pass
3**	4991.600	39.57	-1.00	54.0	-14.43	AV	139.00	150	Vertical	Pass
4	5791.200	102.17	0.95	--	-162.83	Peak	265.00	150	Vertical	N/A
4**	5791.200	95.59	0.95	--	95.59	AV	265.00	150	Vertical	N/A
5	11671.012	50.31	20.16	74.0	-23.69	Peak	219.00	150	Vertical	Pass
5**	11671.012	39.31	20.16	54.0	-14.69	AV	219.00	150	Vertical	Pass
6	15543.000	56.39	23.67	74.0	-17.61	Peak	205.00	150	Vertical	Pass
6**	15543.000	44.13	23.67	54.0	-9.87	AV	205.00	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	1220.700	48.72	-14.94	74.0	-25.28	Peak	85.00	150	Horizontal	Pass
1**	1220.700	39.39	-14.94	54.0	-14.61	AV	85.00	150	Horizontal	Pass
2	2254.500	51.22	-10.45	74.0	-22.78	Peak	85.00	150	Horizontal	Pass
2**	2254.500	41.93	-10.45	54.0	-12.07	AV	85.00	150	Horizontal	Pass
3	4977.000	51.30	-1.34	74.0	-22.70	Peak	115.00	150	Horizontal	Pass
3**	4977.000	38.48	-1.34	54.0	-15.52	AV	115.00	150	Horizontal	Pass
4	5744.400	104.44	0.21	--	-256.56	Peak	361.00	150	Horizontal	N/A
4**	5744.400	98.04	0.21	--	98.04	AV	361.00	150	Horizontal	N/A
5	9036.937	49.04	18.15	74.0	-24.96	Peak	0.00	150	Horizontal	Pass
5**	9036.937	36.37	18.15	54.0	-17.63	AV	0.00	150	Horizontal	Pass
6	15383.925	55.01	22.76	74.0	-18.99	Peak	269.00	150	Horizontal	Pass
6**	15383.925	41.63	22.76	54.0	-12.37	AV	269.00	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	1166.800	47.96	-14.97	74.0	-26.04	Peak	166.00	150	Vertical	Pass
1**	1166.800	38.52	-14.97	54.0	-15.48	AV	166.00	150	Vertical	Pass
2	2738.400	48.69	-8.99	74.0	-25.31	Peak	158.00	150	Vertical	Pass
2**	2738.400	38.21	-8.99	54.0	-15.79	AV	158.00	150	Vertical	Pass
3	4994.200	51.83	-1.05	74.0	-22.17	Peak	163.00	150	Vertical	Pass
3**	4994.200	38.75	-1.05	54.0	-15.25	AV	163.00	150	Vertical	Pass
4	5746.800	103.01	0.37	--	-18.99	Peak	122.00	150	Vertical	N/A
4**	5746.800	96.35	0.37	--	96.35	AV	122.00	150	Vertical	N/A
5	12104.275	49.12	19.45	74.0	-24.88	Peak	0.00	150	Vertical	Pass
5**	12104.275	38.14	19.45	54.0	-15.86	AV	0.00	150	Vertical	Pass
6	15935.963	55.23	23.85	74.0	-18.77	Peak	360.00	150	Vertical	Pass
6**	15935.963	43.45	23.85	54.0	-10.55	AV	360.00	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	1131.500	48.61	-15.22	74.0	-25.39	Peak	274.00	150	Horizontal	Pass
1**	1131.500	40.83	-15.22	54.0	-13.17	AV	274.00	150	Horizontal	Pass
2	2229.500	50.77	-10.85	74.0	-23.23	Peak	85.00	150	Horizontal	Pass
2**	2229.500	42.08	-10.85	54.0	-11.92	AV	85.00	150	Horizontal	Pass
3	4985.800	51.56	-1.23	74.0	-22.44	Peak	73.00	150	Horizontal	Pass
3**	4985.800	39.26	-1.23	54.0	-14.74	AV	73.00	150	Horizontal	Pass
4	5783.200	104.30	0.91	--	104.30	Peak	0.00	150	Horizontal	N/A
4**	5783.200	98.11	0.91	--	98.11	AV	0.00	150	Horizontal	N/A
5	12176.437	49.27	20.22	74.0	-24.73	Peak	361.00	150	Horizontal	Pass
5**	12176.437	37.48	20.22	54.0	-16.52	AV	361.00	150	Horizontal	Pass
6	15692.363	54.84	23.58	74.0	-19.16	Peak	14.00	150	Horizontal	Pass
6**	15692.363	42.76	23.58	54.0	-11.24	AV	14.00	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	1155.600	49.26	-14.94	74.0	-24.74	Peak	163.00	150	Vertical	Pass
1**	1155.600	39.49	-14.94	54.0	-14.51	AV	163.00	150	Vertical	Pass
2	2719.300	48.85	-9.17	74.0	-25.15	Peak	154.00	150	Vertical	Pass
2**	2719.300	40.64	-9.17	54.0	-13.36	AV	154.00	150	Vertical	Pass
3	4987.200	50.57	-1.21	74.0	-23.43	Peak	156.00	150	Vertical	Pass
3**	4987.200	39.15	-1.21	54.0	-14.85	AV	156.00	150	Vertical	Pass
4	5786.400	103.24	0.77	--	-194.76	Peak	298.00	150	Vertical	N/A
4**	5786.400	100.11	0.77	--	100.11	AV	298.00	150	Vertical	N/A
5	12265.562	49.36	20.34	74.0	-24.64	Peak	295.00	150	Vertical	Pass
5**	12265.562	39.67	20.34	54.0	-14.33	AV	295.00	150	Vertical	Pass
6	15550.612	54.32	23.61	74.0	-19.68	Peak	8.00	150	Vertical	Pass
6**	15550.612	43.14	23.61	54.0	-10.86	AV	8.00	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	1116.500	48.82	-15.32	74.0	-25.18	Peak	265.00	150	Horizontal	Pass
1**	1116.500	39.24	-15.32	54.0	-14.76	AV	265.00	150	Horizontal	Pass
2	2274.400	51.41	-10.07	74.0	-22.59	Peak	81.00	150	Horizontal	Pass
2**	2274.400	42.13	-10.07	54.0	-11.87	AV	81.00	150	Horizontal	Pass
3	4989.200	51.09	-1.12	74.0	-22.91	Peak	47.00	150	Horizontal	Pass
3**	4989.200	40.07	-1.12	54.0	-13.93	AV	47.00	150	Horizontal	Pass
4	5826.600	103.88	0.80	--	81.88	Peak	22.00	150	Horizontal	N/A
4**	5826.600	97.49	0.80	--	97.49	AV	22.00	150	Horizontal	N/A
5	11778.537	50.04	18.72	74.0	-23.96	Peak	269.00	150	Horizontal	Pass
5**	11778.537	37.04	18.72	54.0	-16.96	AV	269.00	150	Horizontal	Pass
6	15944.362	54.66	23.92	74.0	-19.34	Peak	11.00	150	Horizontal	Pass
6**	15944.362	43.19	23.92	54.0	-10.81	AV	11.00	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	1148.800	48.72	-14.94	74.0	-25.28	Peak	157.00	150	Vertical	Pass
1**	1148.800	38.18	-14.94	54.0	-15.82	AV	157.00	150	Vertical	Pass
2	2716.000	48.16	-9.19	74.0	-25.84	Peak	157.00	150	Vertical	Pass
2**	2716.000	37.61	-9.19	54.0	-16.39	AV	157.00	150	Vertical	Pass
3	4994.800	50.35	-1.02	74.0	-23.65	Peak	146.00	150	Vertical	Pass
3**	4994.800	39.10	-1.02	54.0	-14.90	AV	146.00	150	Vertical	Pass
4	5822.400	103.23	0.89	--	-151.77	Peak	255.00	150	Vertical	N/A
4**	5822.400	96.22	0.89	--	96.22	AV	255.00	150	Vertical	N/A
5	12474.000	49.45	18.60	74.0	-24.55	Peak	71.00	150	Vertical	Pass
5**	12474.000	37.54	18.60	54.0	-16.46	AV	71.00	150	Vertical	Pass
6	15963.263	55.73	23.99	74.0	-18.27	Peak	-2.00	150	Vertical	Pass
6**	15963.263	44.12	23.99	54.0	-9.88	AV	-2.00	150	Vertical	Pass

11ac40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.700	49.61	-15.30	74.0	-24.39	Peak	270.00	150	Horizontal	Pass
1**	1125.700	40.20	-15.30	54.0	-13.80	AV	270.00	150	Horizontal	Pass
2	2275.100	51.43	-10.03	74.0	-22.57	Peak	79.00	150	Horizontal	Pass
2**	2275.100	43.92	-10.03	54.0	-10.08	AV	79.00	150	Horizontal	Pass
3	4996.800	50.24	-0.92	74.0	-23.76	Peak	115.00	150	Horizontal	Pass
3**	4996.800	39.12	-0.92	54.0	-14.88	AV	115.00	150	Horizontal	Pass
4	5744.200	104.50	0.19	--	89.50	Peak	15.00	150	Horizontal	N/A
4**	5744.200	98.36	0.19	--	98.36	AV	15.00	150	Horizontal	N/A
5	10974.113	49.71	18.80	74.0	-24.29	Peak	362.00	150	Horizontal	Pass
5**	10974.113	36.68	18.80	54.0	-17.32	AV	362.00	150	Horizontal	Pass
6	15963.787	54.15	23.99	74.0	-19.85	Peak	184.00	150	Horizontal	Pass
6**	15963.787	44.22	23.99	54.0	-9.78	AV	184.00	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	1150.900	49.51	-14.93	74.0	-24.49	Peak	164.00	150	Vertical	Pass
1**	1150.900	38.45	-14.93	54.0	-15.55	AV	164.00	150	Vertical	Pass
2	2736.800	49.20	-8.98	74.0	-24.80	Peak	156.00	150	Vertical	Pass
2**	2736.800	39.16	-8.98	54.0	-14.84	AV	156.00	150	Vertical	Pass
3	4980.800	50.52	-1.16	74.0	-23.48	Peak	10.00	150	Vertical	Pass
3**	4980.800	38.25	-1.16	54.0	-15.75	AV	10.00	150	Vertical	Pass
4	5746.200	102.53	0.40	--	-19.47	Peak	122.00	150	Vertical	N/A
4**	5746.200	95.33	0.40	--	95.33	AV	122.00	150	Vertical	N/A
5	12050.800	49.99	18.96	74.0	-24.01	Peak	12.00	150	Vertical	Pass
5**	12050.800	37.17	18.96	54.0	-16.83	AV	12.00	150	Vertical	Pass
6	15372.375	54.94	22.66	74.0	-19.06	Peak	297.00	150	Vertical	Pass
6**	15372.375	42.78	22.66	54.0	-11.22	AV	297.00	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	1147.000	49.37	-14.97	74.0	-24.63	Peak	158.00	150	Horizontal	Pass
1**	1147.000	41.89	-14.97	54.0	-12.11	AV	158.00	150	Horizontal	Pass
2	2245.400	50.40	-10.89	74.0	-23.60	Peak	72.00	150	Horizontal	Pass
2**	2245.400	41.21	-10.89	54.0	-12.79	AV	72.00	150	Horizontal	Pass
3	4981.600	50.82	-1.18	74.0	-23.18	Peak	134.00	150	Horizontal	Pass
3**	4981.600	38.73	-1.18	54.0	-15.27	AV	134.00	150	Horizontal	Pass
4	5783.600	104.78	0.85	--	-255.22	Peak	360.00	150	Horizontal	N/A
4**	5783.600	98.29	0.85	--	98.29	AV	360.00	150	Horizontal	N/A
5	9063.099	48.91	18.22	74.0	-25.09	Peak	200.00	150	Horizontal	Pass
5**	9063.099	36.31	18.22	54.0	-17.69	AV	200.00	150	Horizontal	Pass
6	15942.263	54.85	23.91	74.0	-19.15	Peak	21.00	150	Horizontal	Pass
6**	15942.263	43.65	23.91	54.0	-10.35	AV	21.00	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	1160.600	48.28	-14.89	74.0	-25.72	Peak	167.00	150	Vertical	Pass
1**	1160.600	38.02	-14.89	54.0	-15.98	AV	167.00	150	Vertical	Pass
2	2744.200	49.03	-9.03	74.0	-24.97	Peak	158.00	150	Vertical	Pass
2**	2744.200	38.89	-9.03	54.0	-15.11	AV	158.00	150	Vertical	Pass
3	4994.800	51.33	-1.02	74.0	-22.67	Peak	19.00	150	Vertical	Pass
3**	4994.800	40.83	-1.02	54.0	-13.17	AV	19.00	150	Vertical	Pass
4	5786.600	103.25	0.79	--	25.25	Peak	78.00	150	Vertical	N/A
4**	5786.600	96.81	0.79	--	96.81	AV	78.00	150	Vertical	N/A
5	7552.575	48.70	17.38	74.0	-25.30	Peak	362.00	150	Vertical	Pass
5**	7552.575	35.84	17.38	54.0	-18.16	AV	362.00	150	Vertical	Pass
6	15530.662	54.61	23.74	74.0	-19.39	Peak	33.00	150	Vertical	Pass
6**	15530.662	42.91	23.74	54.0	-11.09	AV	33.00	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	1444.600	48.93	-14.64	74.0	-25.07	Peak	94.00	150	Horizontal	Pass
1**	1444.600	40.04	-14.64	54.0	-13.96	AV	94.00	150	Horizontal	Pass
2	2269.600	50.70	-10.30	74.0	-23.30	Peak	77.00	150	Horizontal	Pass
2**	2269.600	43.10	-10.30	54.0	-10.90	AV	77.00	150	Horizontal	Pass
3	5000.000	51.73	-0.93	74.0	-22.27	Peak	38.00	150	Horizontal	Pass
3**	5000.000	38.73	-0.93	54.0	-15.27	AV	38.00	150	Horizontal	Pass
4	5782.000	99.08	1.04	--	78.08	Peak	21.00	150	Horizontal	N/A
4**	5782.000	91.69	1.04	--	91.69	AV	21.00	150	Horizontal	N/A
5	9339.675	49.38	17.03	74.0	-24.62	Peak	89.00	150	Horizontal	Pass
5**	9339.675	36.21	17.03	54.0	-17.79	AV	89.00	150	Horizontal	Pass
6	15945.938	54.34	23.93	74.0	-19.66	Peak	271.00	150	Horizontal	Pass
6**	15945.938	43.36	23.93	54.0	-10.64	AV	271.00	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	1161.900	48.53	-14.97	74.0	-25.47	Peak	161.00	150	Vertical	Pass
1**	1161.900	41.27	-14.97	54.0	-12.73	AV	161.00	150	Vertical	Pass
2	2240.700	48.08	-11.02	74.0	-25.92	Peak	218.00	150	Vertical	Pass
2**	2240.700	39.24	-11.02	54.0	-14.76	AV	218.00	150	Vertical	Pass
3	4985.800	50.46	-1.23	74.0	-23.54	Peak	151.00	150	Vertical	Pass
3**	4985.800	38.68	-1.23	54.0	-15.32	AV	151.00	150	Vertical	Pass
4	5781.200	97.66	1.04	--	-152.34	Peak	250.00	150	Vertical	N/A
4**	5781.200	91.62	1.04	--	91.62	AV	250.00	150	Vertical	N/A
5	12241.412	49.59	20.43	74.0	-24.41	Peak	248.00	150	Vertical	Pass
5**	12241.412	37.77	20.43	54.0	-16.23	AV	248.00	150	Vertical	Pass
6	15848.549	54.54	23.49	74.0	-19.46	Peak	351.00	150	Vertical	Pass
6**	15848.549	42.03	23.49	54.0	-11.97	AV	351.00	150	Vertical	Pass

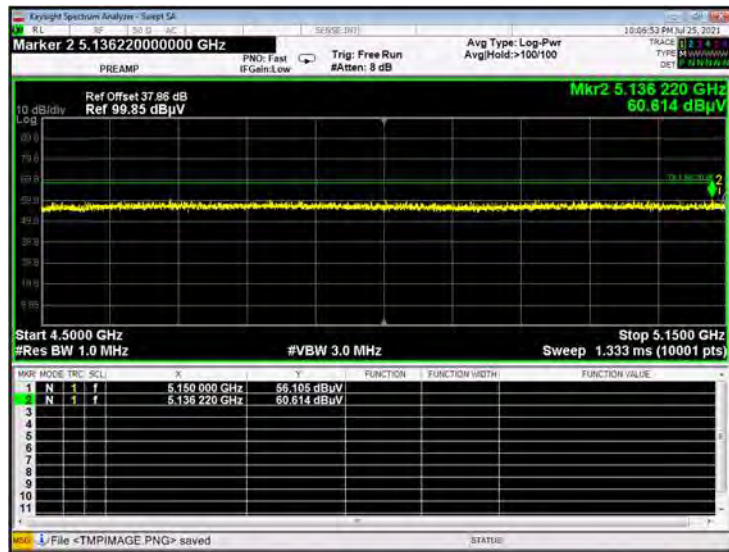
A.6.2 Band Edge (Restricted-band)

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

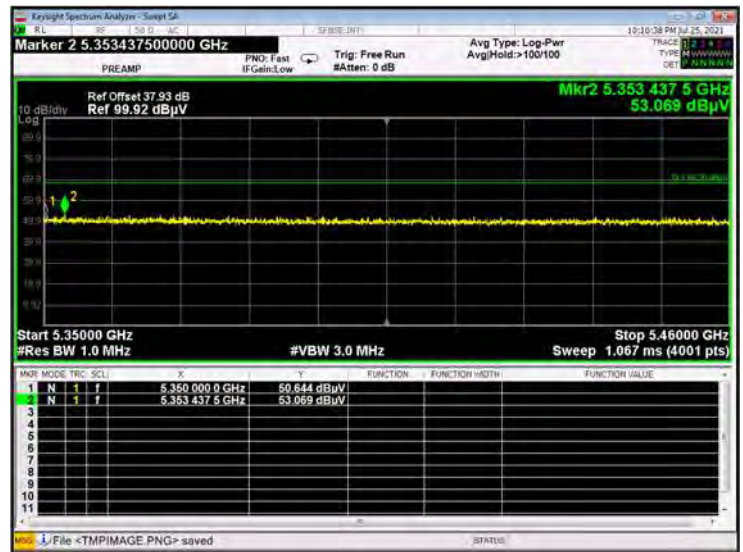
Test Band	Mode	Channel	Verdict
U-NII-2C	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)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

Test Plots

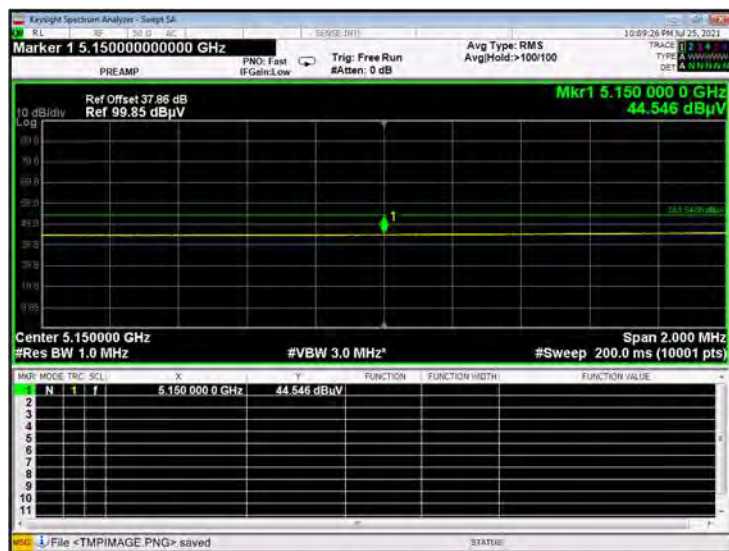
U-NII-1 11a CH36 Peak



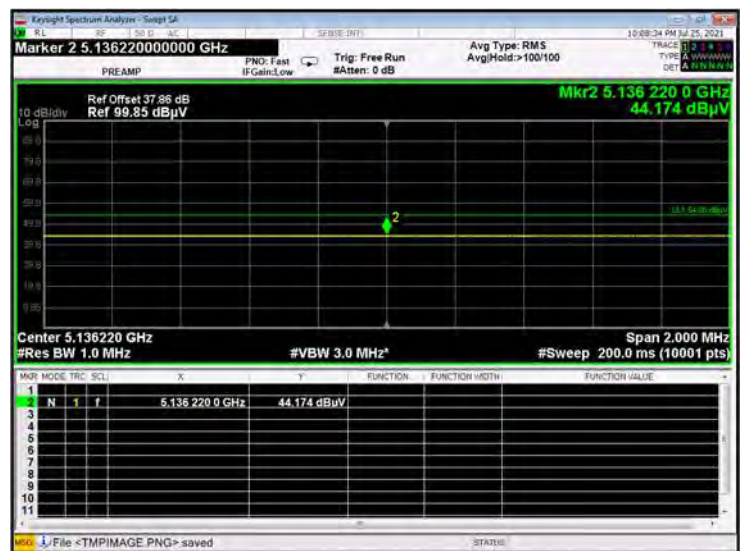
U-NII-1 11a CH48 Peak



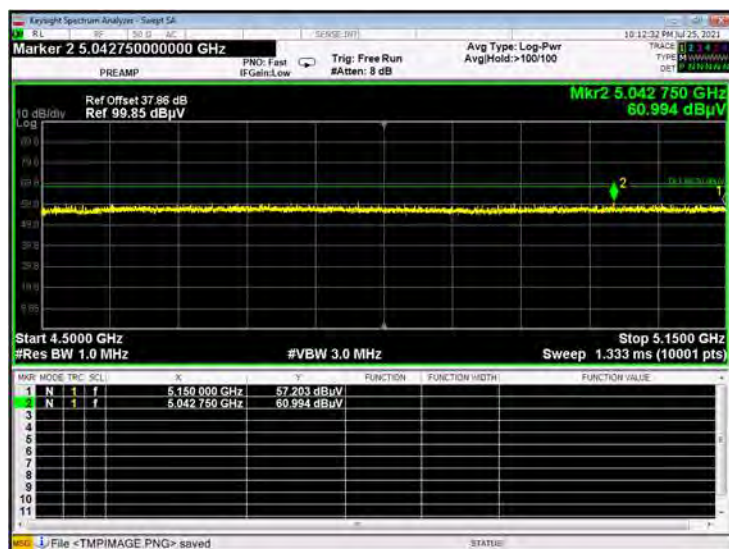
U-NII-1 11a CH36 AV



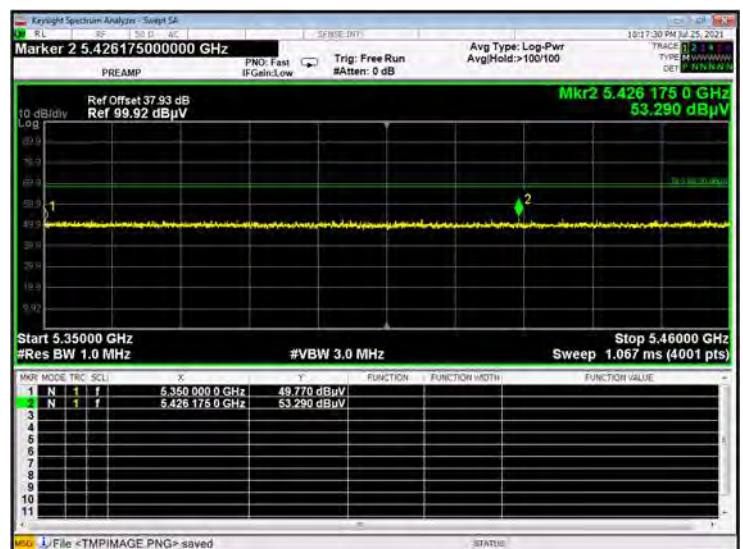
U-NII-1 11a CH36 AV



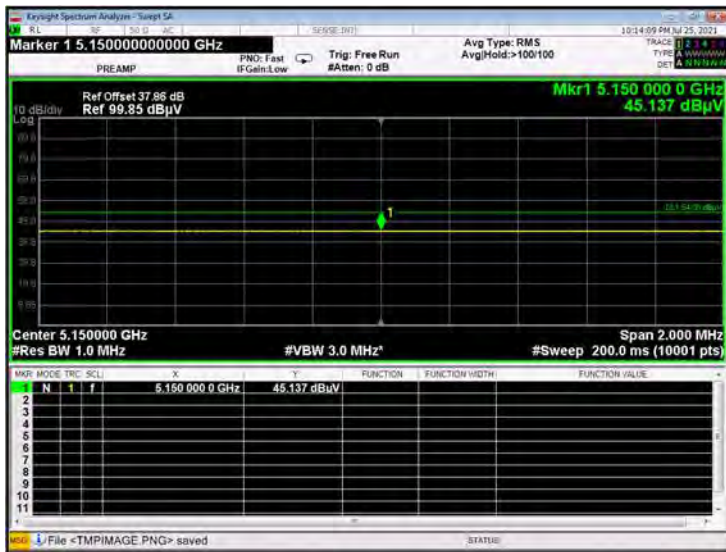
U-NII-1 11n20 CH36 Peak



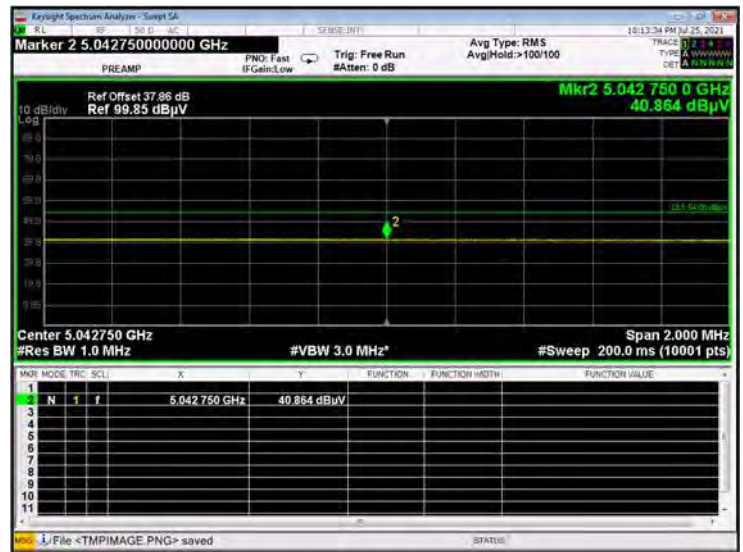
U-NII-1 11n20 CH48 Peak



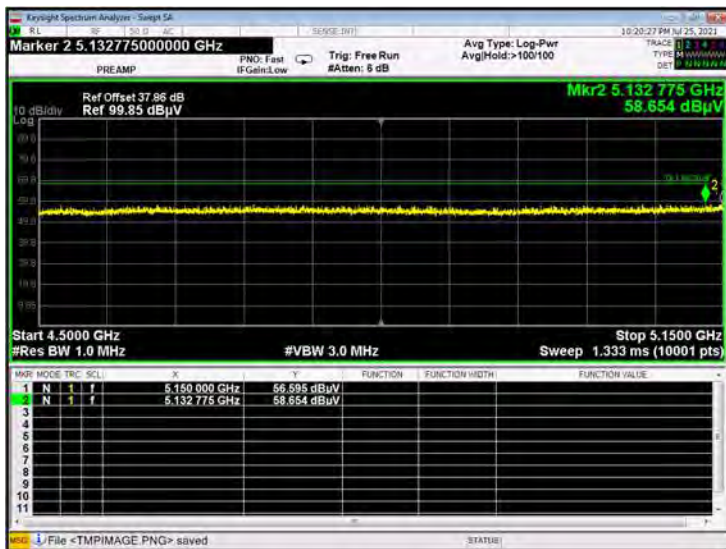
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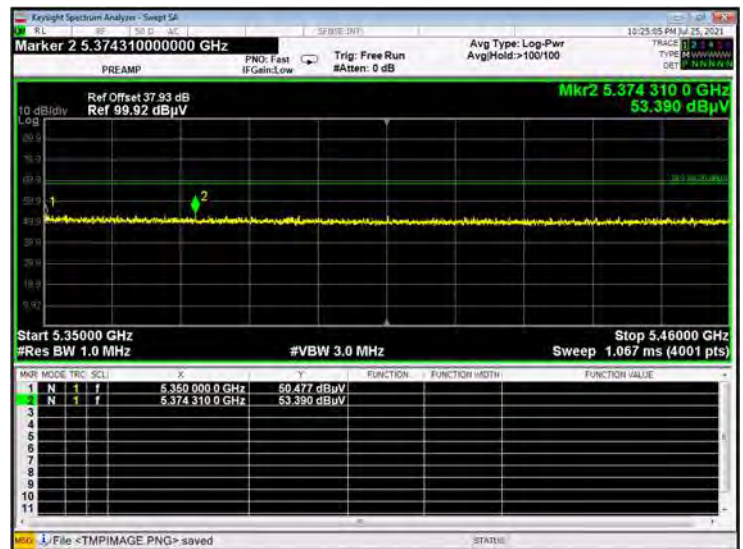
U-NII-1 11n20 CH36 AV



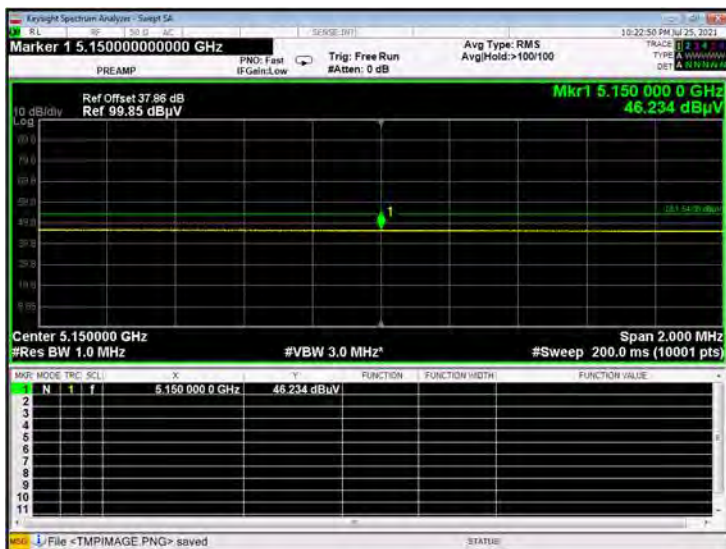
U-NII-1 11n40 CH38 Peak



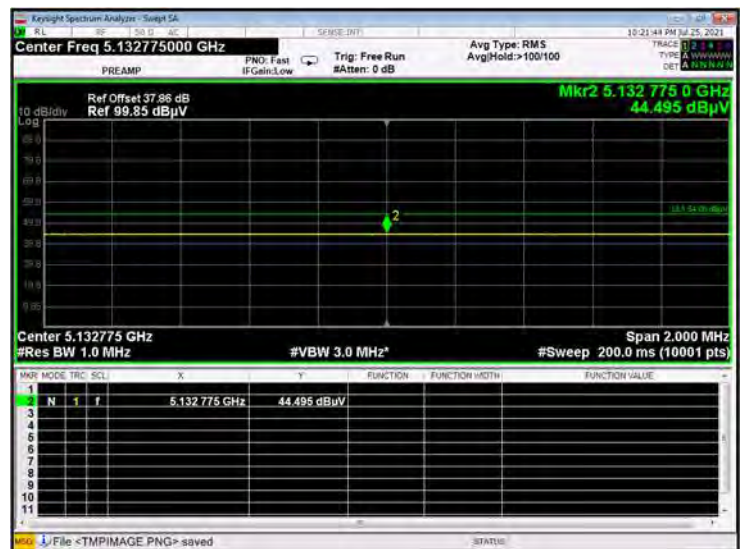
U-NII-1 11n40 CH46 Peak



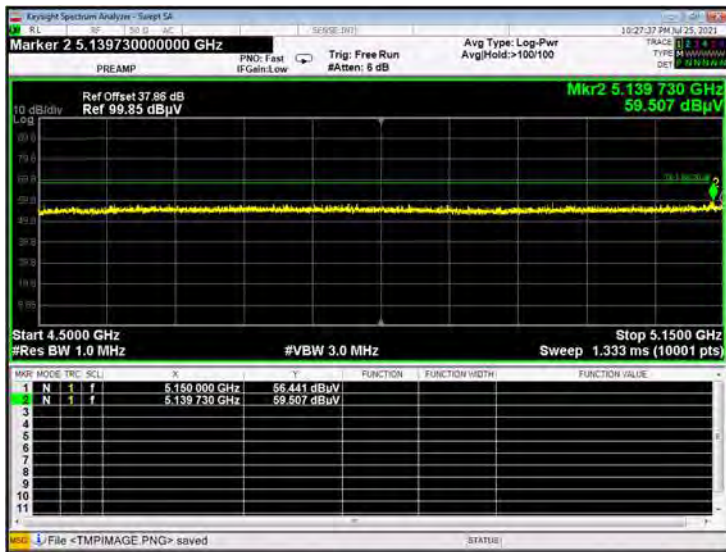
U-NII-1 11n40 CH38 AV



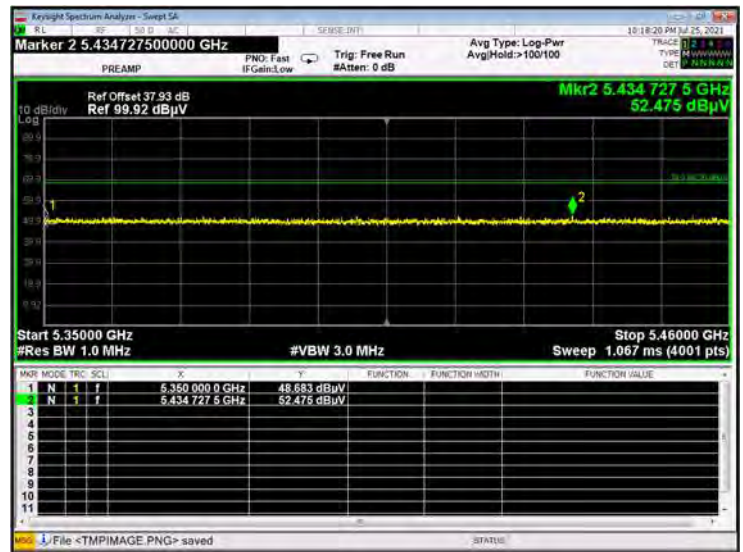
U-NII-1 11n40 CH38 AV



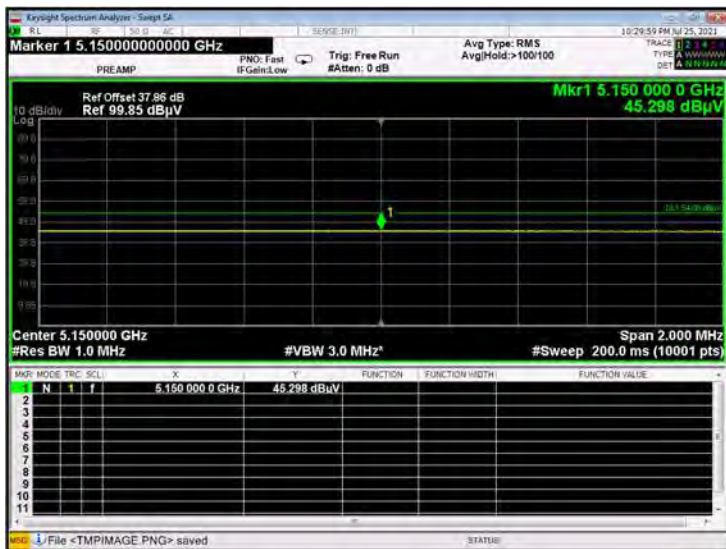
U-NII-1 11ac20 CH36 Peak



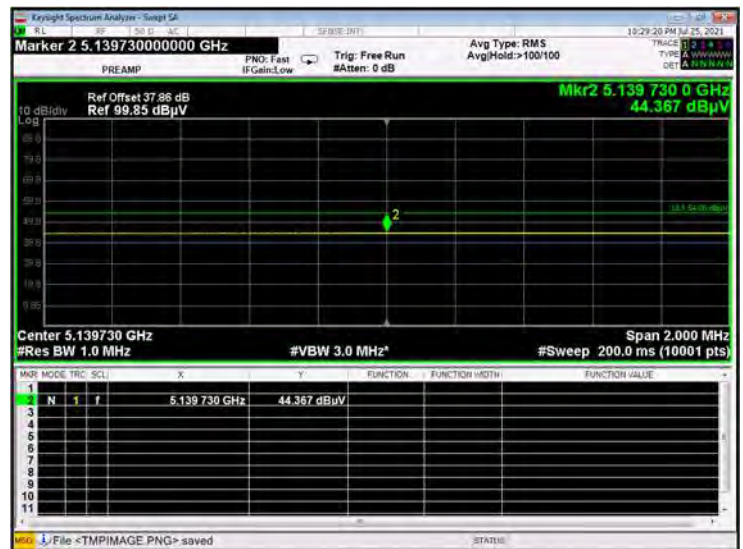
U-NII-1 11ac20 CH48 Peak



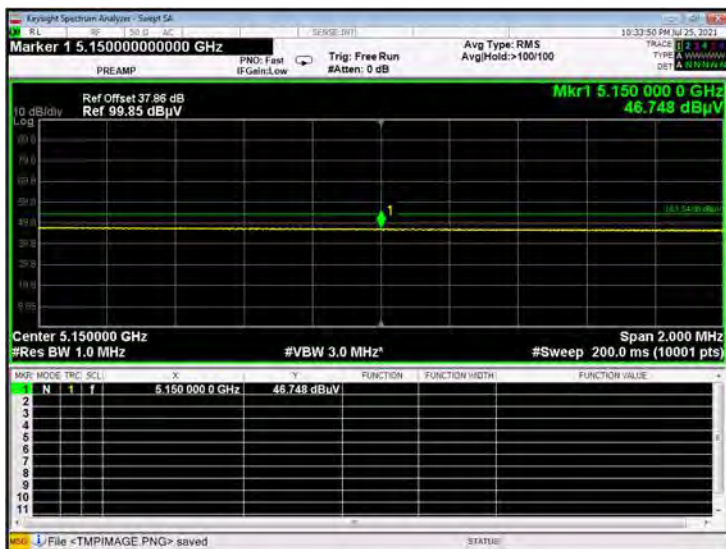
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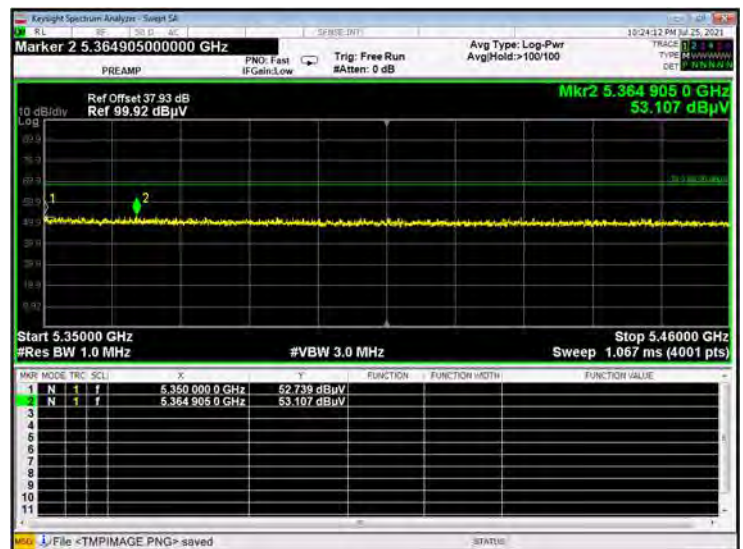
U-NII-1 11ac20 CH36 AV



U-NII-1 11ac40 CH38 Peak

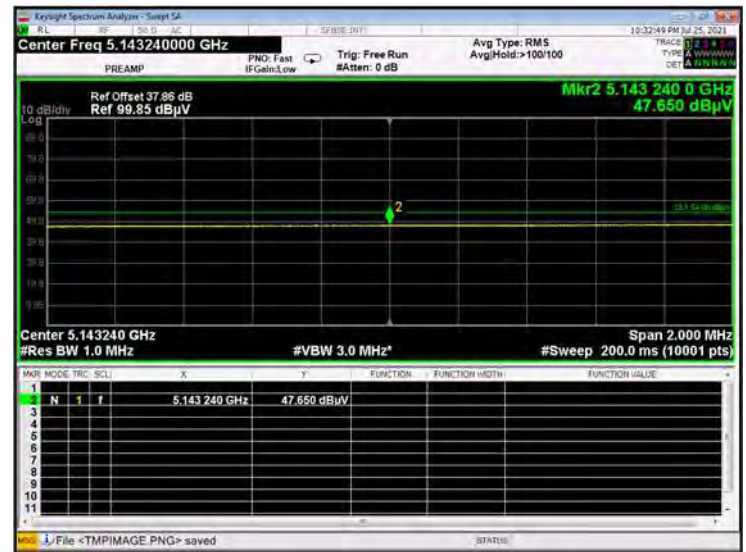
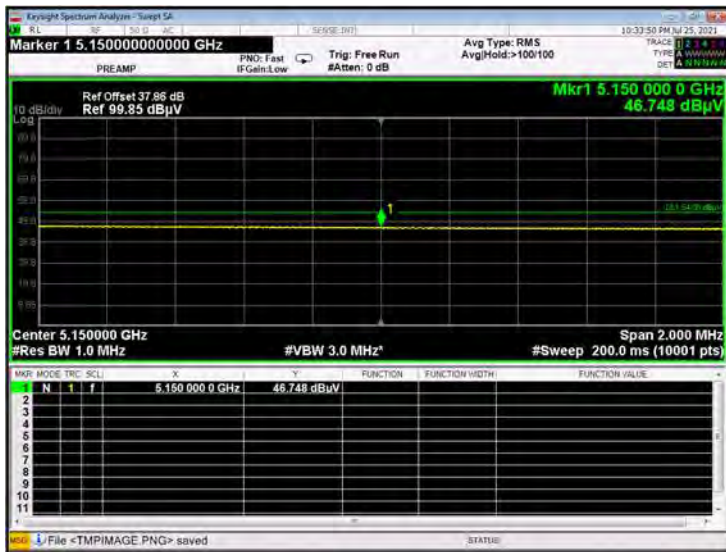


U-NII-1 11ac40 CH46 Peak



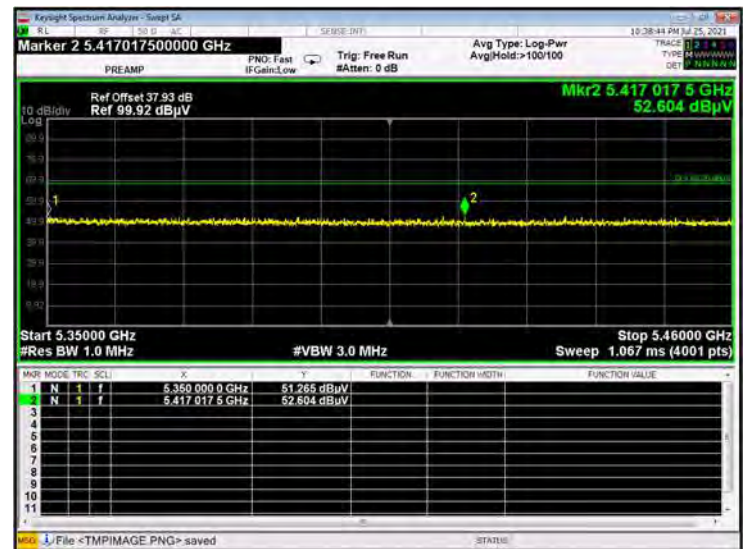
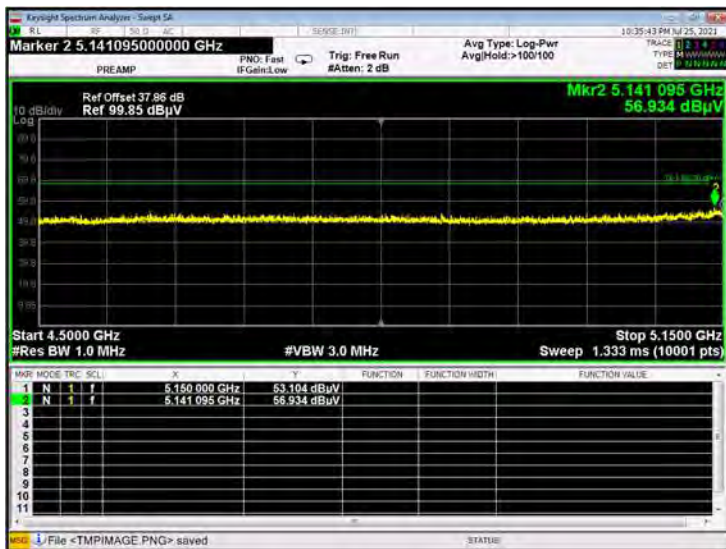
U-NII-1 11ac40 CH38 AV

U-NII-1 11ac40 CH38 AV



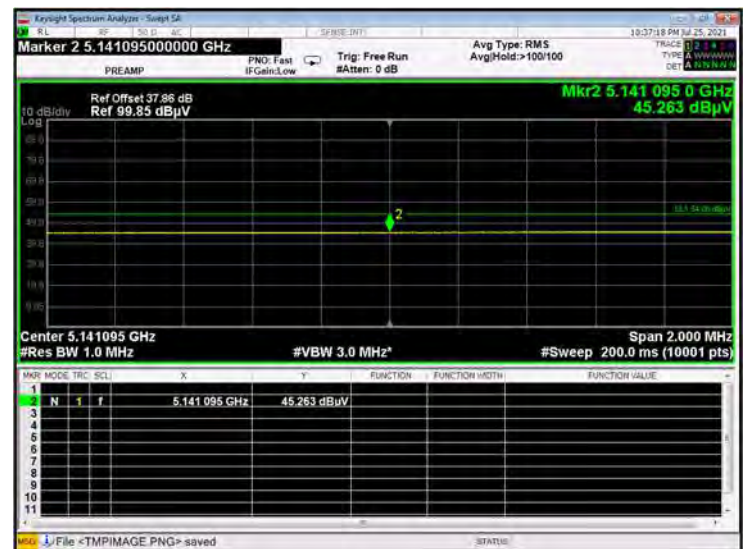
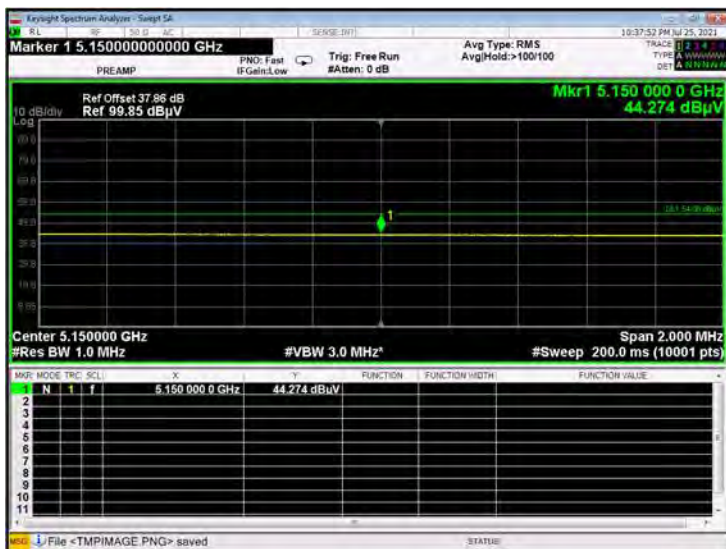
U-NII-1 11ac80 CH42 Peak

U-NII-1 11ac80 CH42 Peak

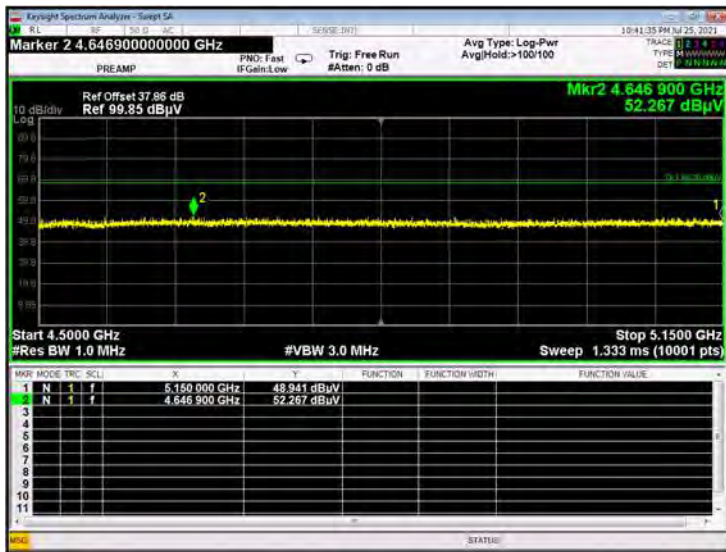


U-NII-1 11ac80 CH42 AV

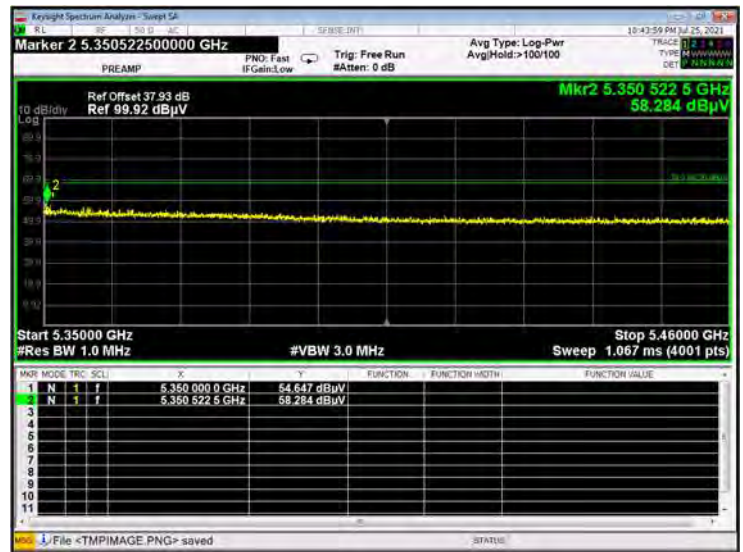
U-NII-1 11ac80 CH42 AV



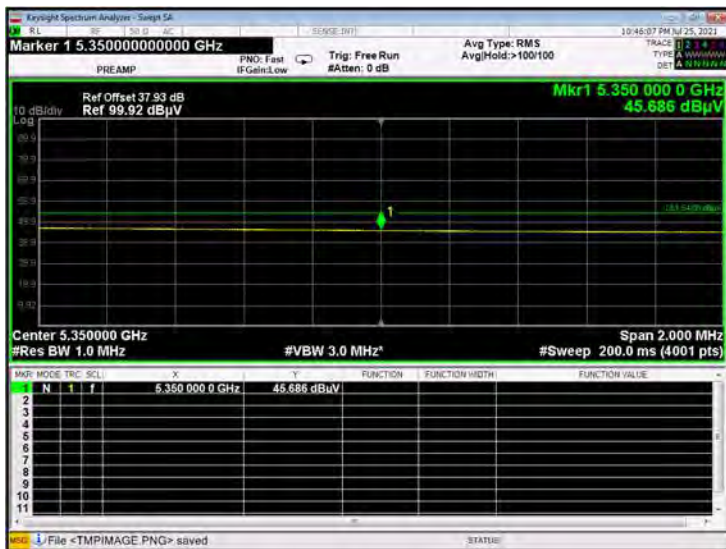
U-NII-2A 11a CH52 Peak



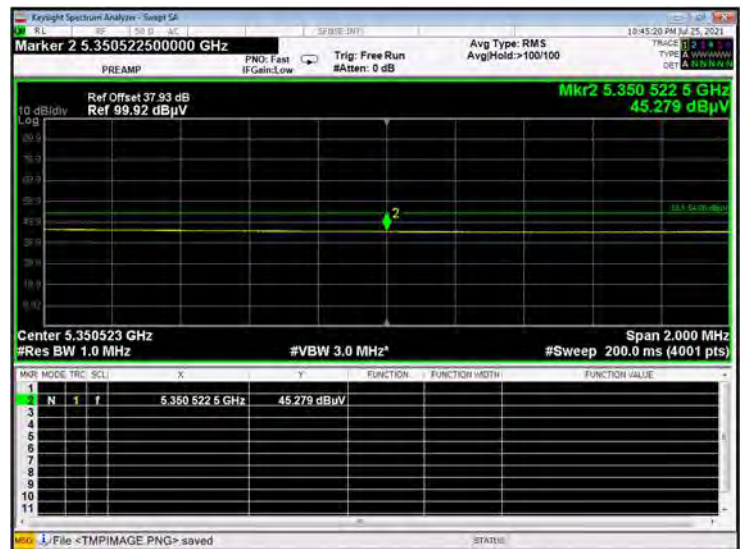
U-NII-2A 11a CH64 Peak



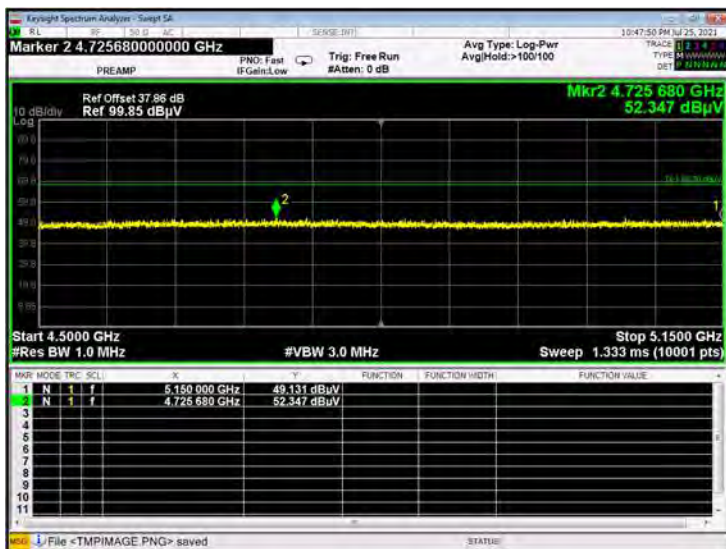
U-NII-2A 11a CH64 AV



U-NII-2A 11a CH64 AV



U-NII-2A 11n20 CH52 Peak

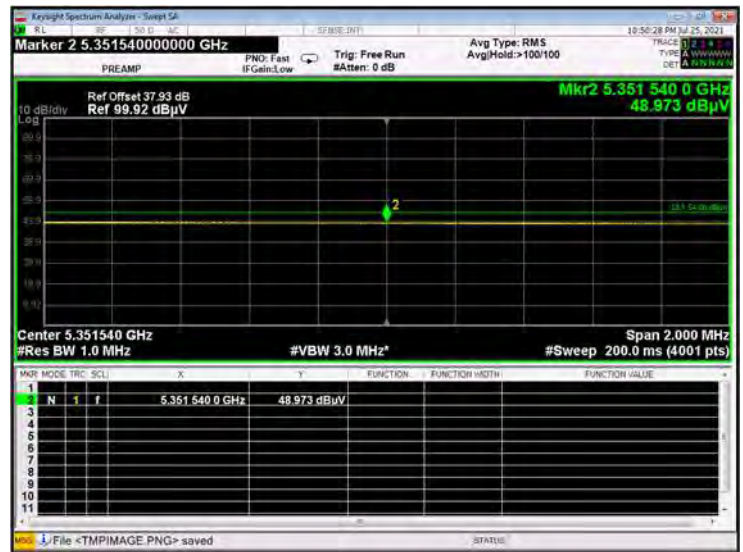
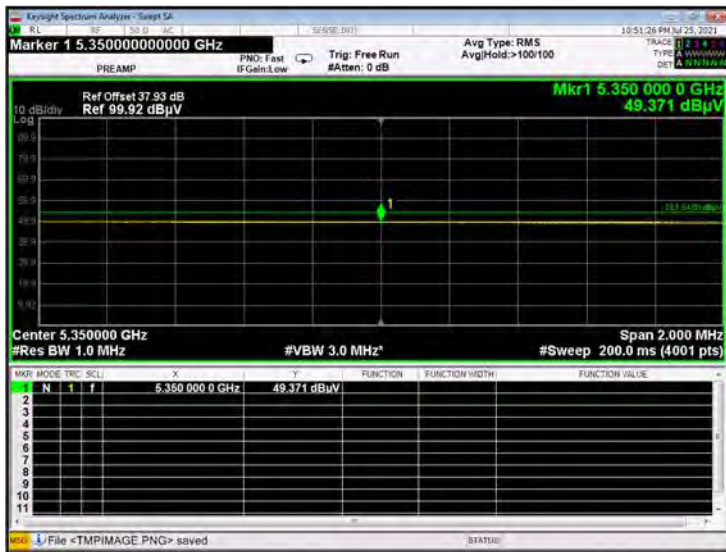


U-NII-2A 11n20 CH64 Peak



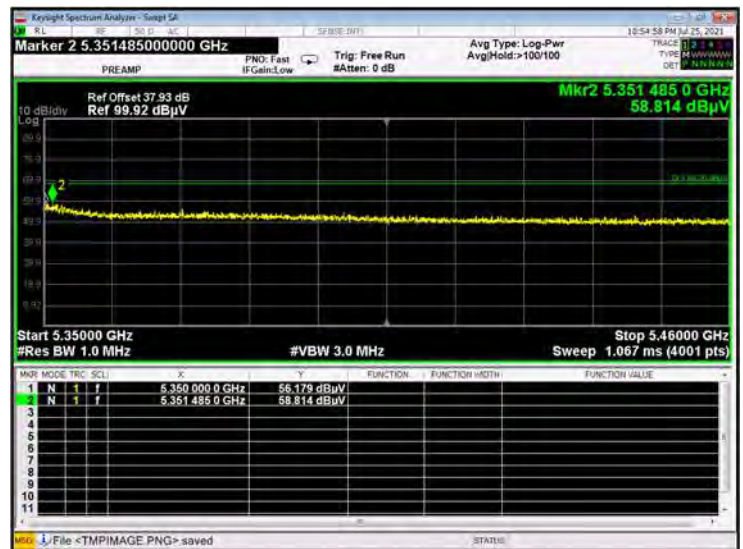
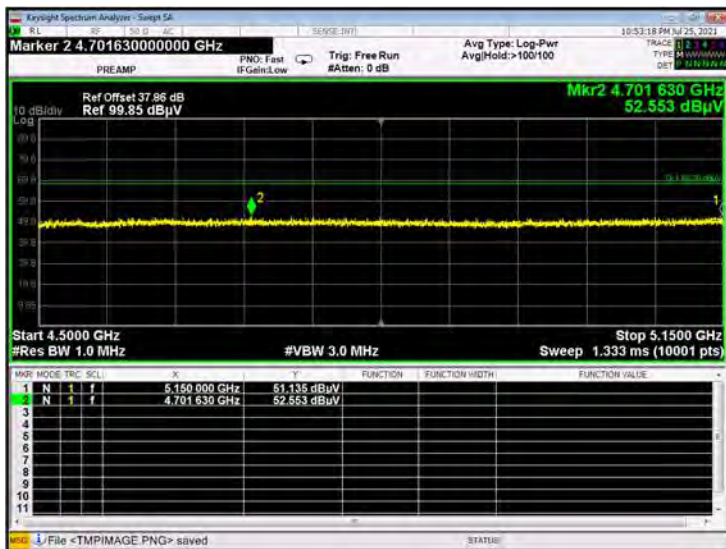
U-NII-2A 11n20 CH64 AV

U-NII-2A 11n20 CH64 AV



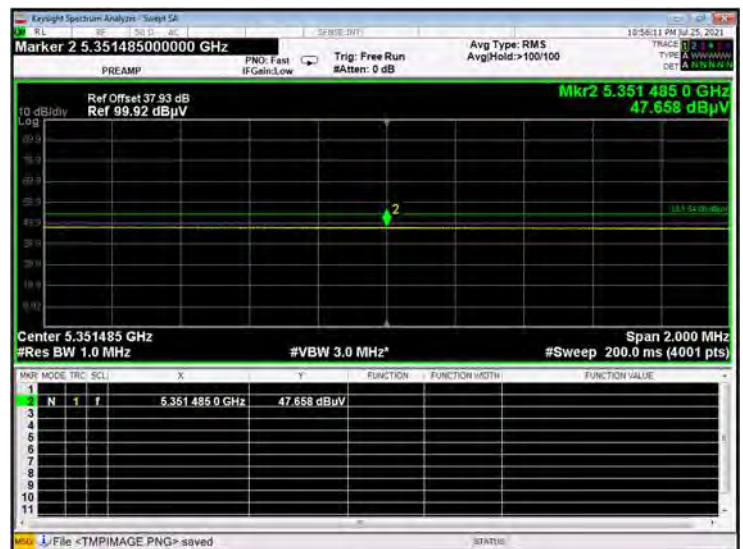
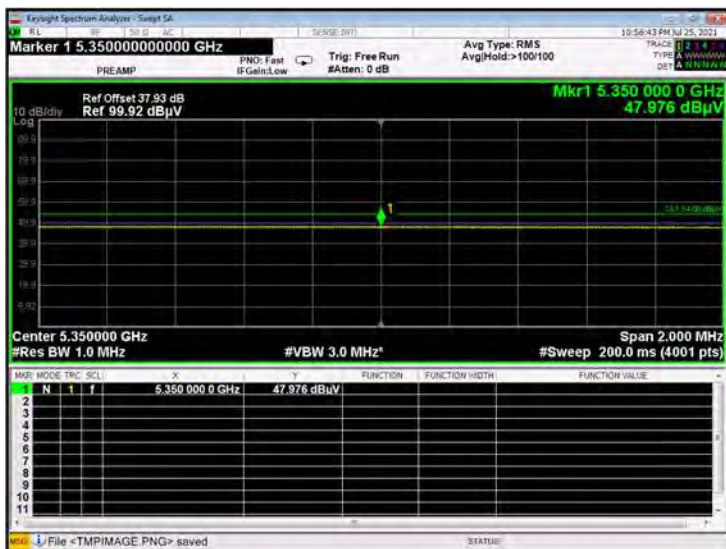
U-NII-2A 11n40 CH54 Peak

U-NII-2A 11n40 CH62 Peak

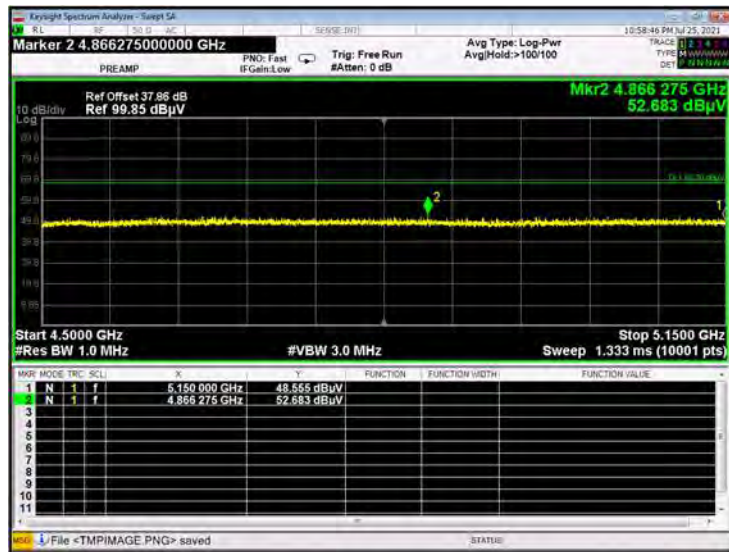


U-NII-2A 11n40 CH62 AV

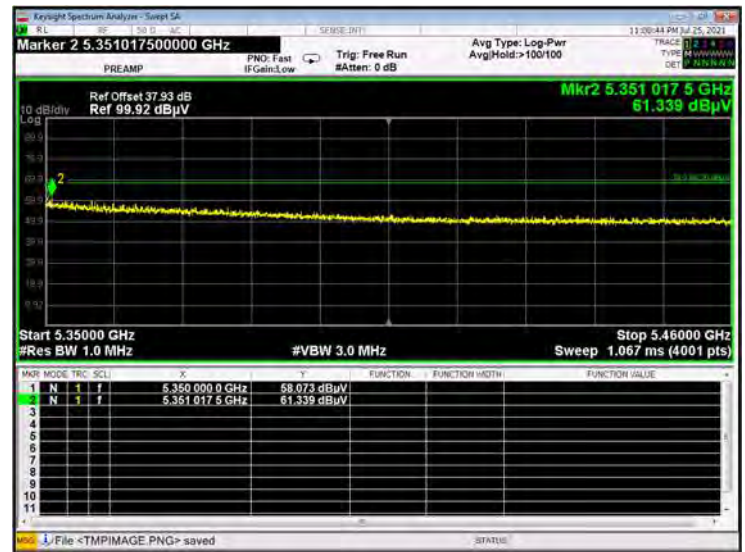
U-NII-2A 11n40 CH62 AV



U-NII-2A 11ac20 CH52 Peak



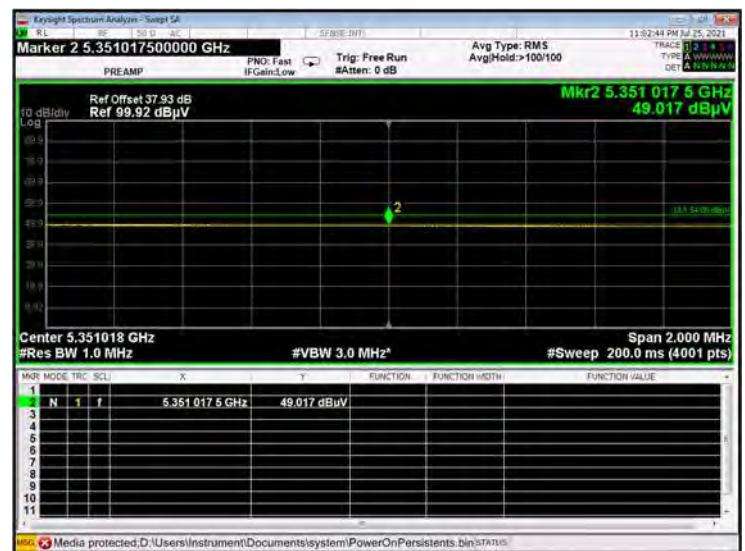
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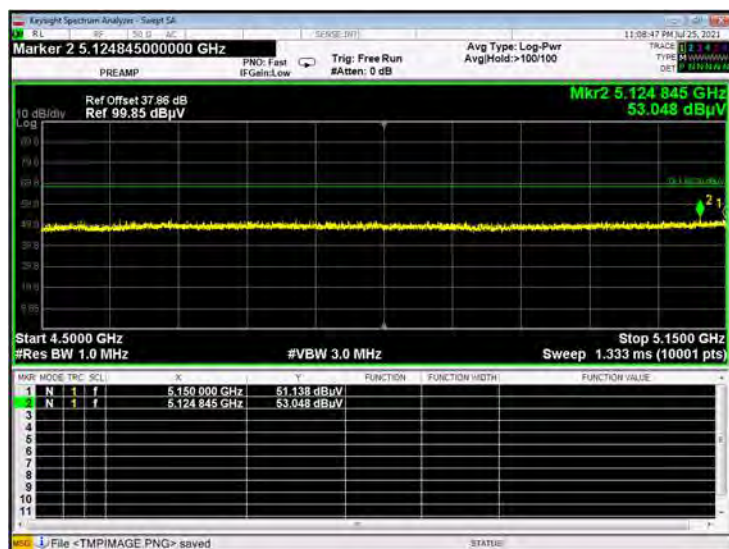
U-NII-2A 11ac20 CH64 AV



U-NII-2A 11ac20 CH64 AV



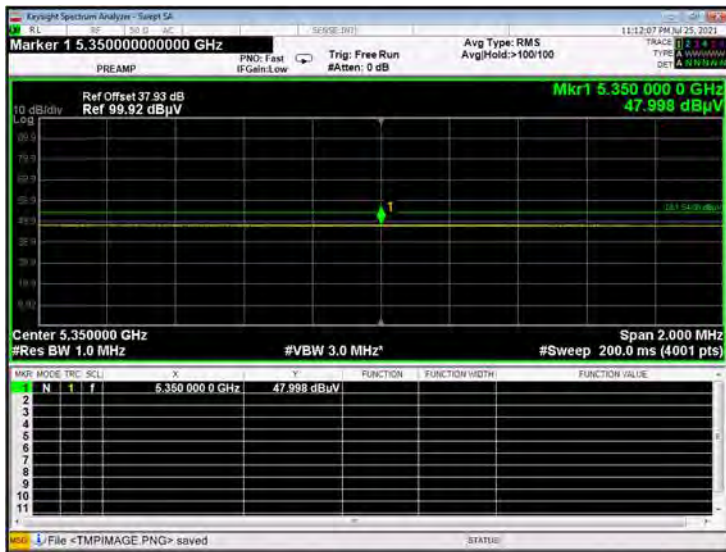
U-NII-2A 11ac40 CH54 Peak



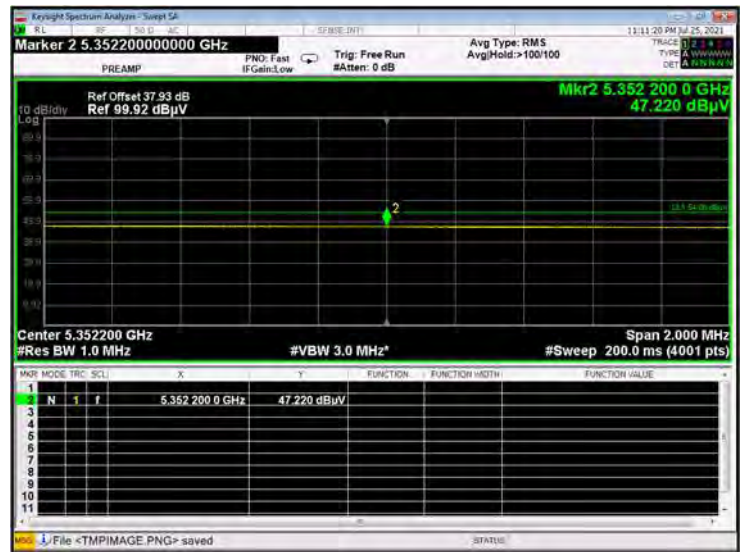
U-NII-2A 11ac40 CH62 Peak



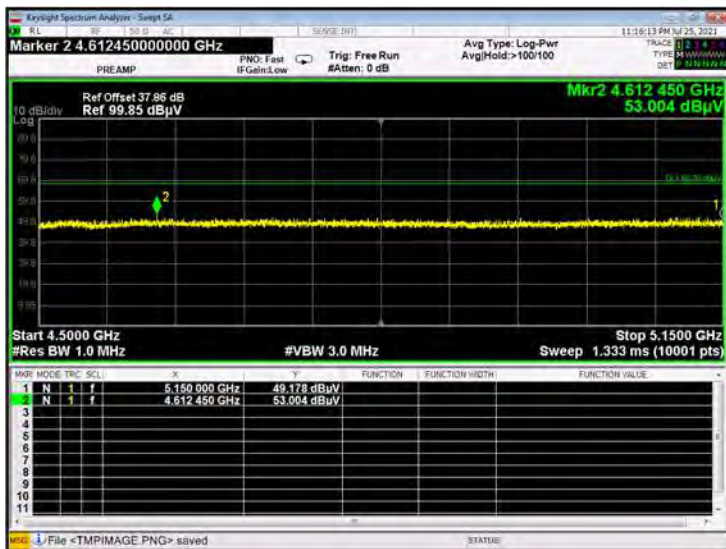
U-NII-2A 11ac40 CH62 AV



U-NII-2A 11ac40 CH62 AV



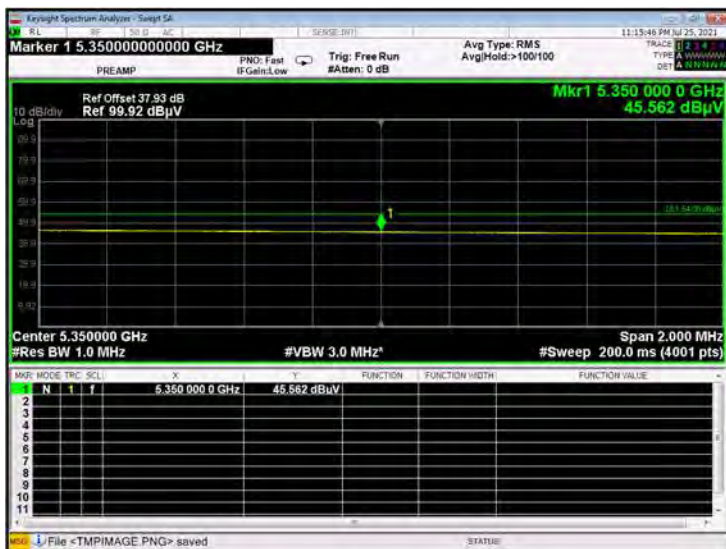
U-NII-2A 11ac80 CH58 Peak



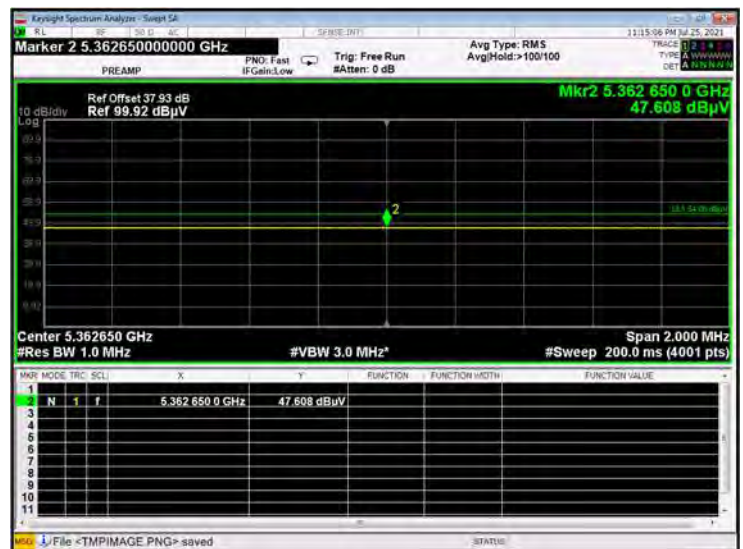
U-NII-2A 11ac80 CH58 Peak



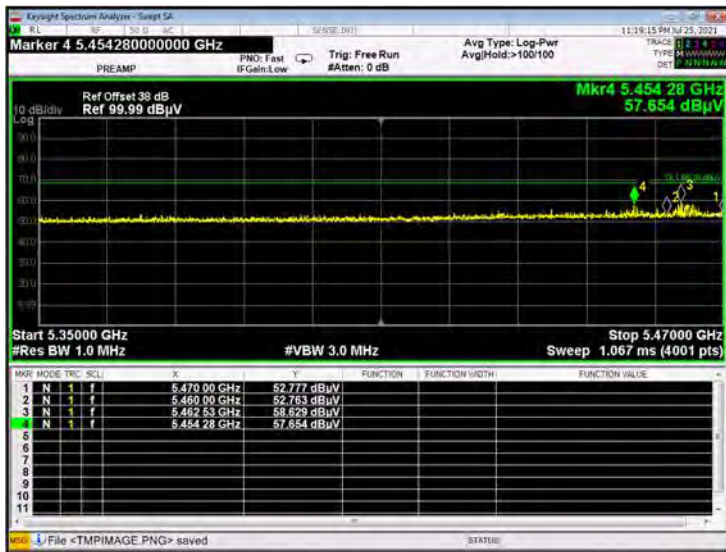
U-NII-2A 11ac80 CH58 AV



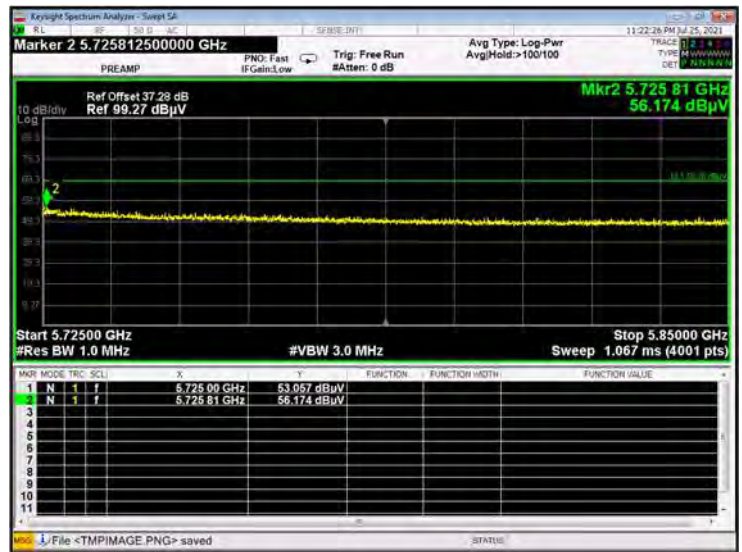
U-NII-2A 11ac80 CH58 AV



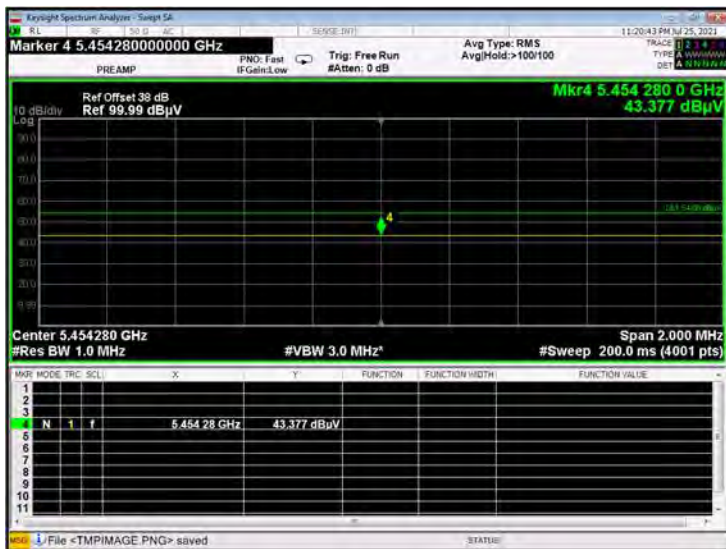
U-NII-2C 11a CH100 Peak



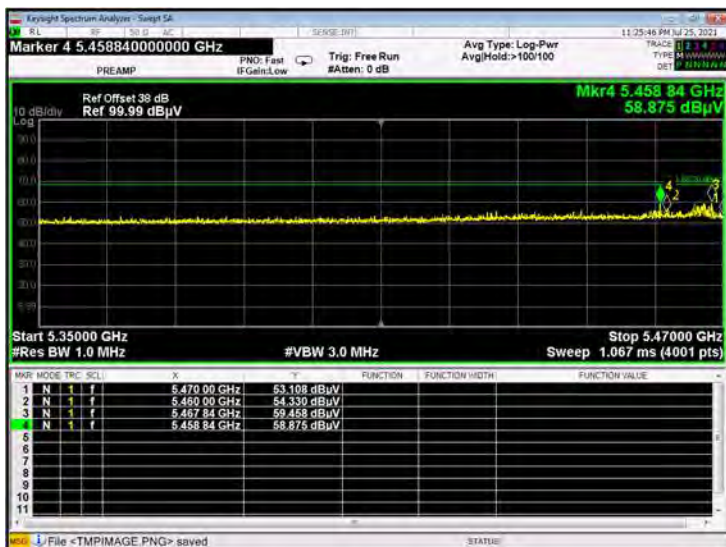
U-NII-2C 11a CH140 Peak



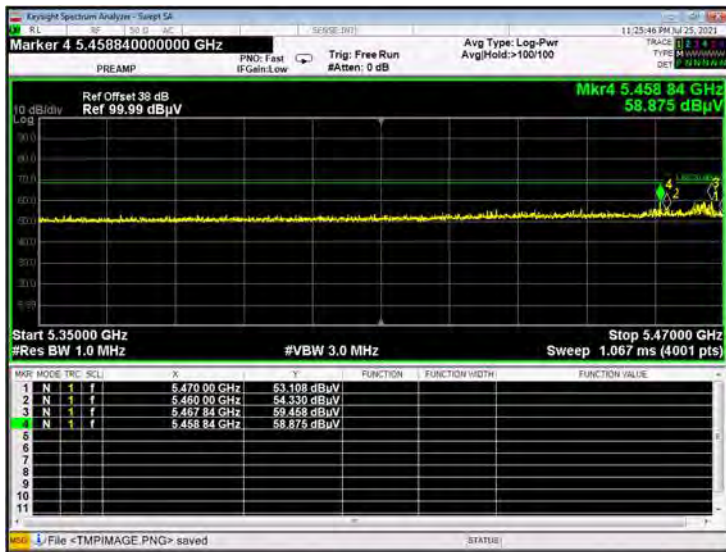
U-NII-2C 11a CH100 AV



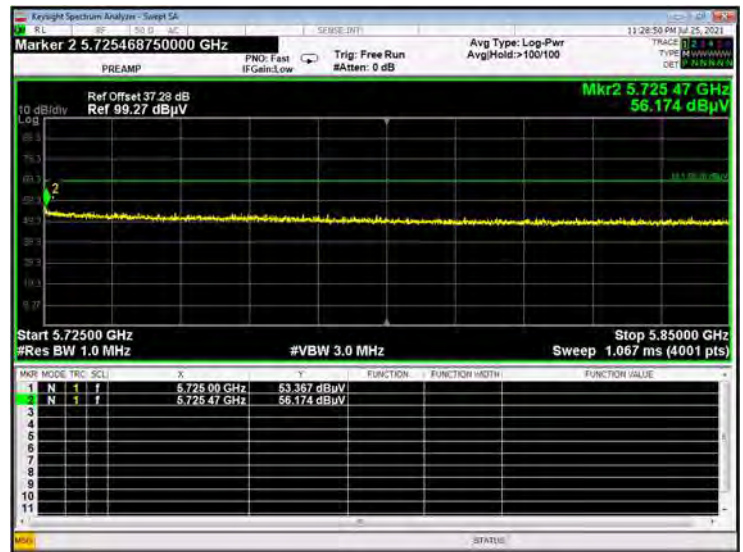
U-NII-2C 11a CH144 Peak



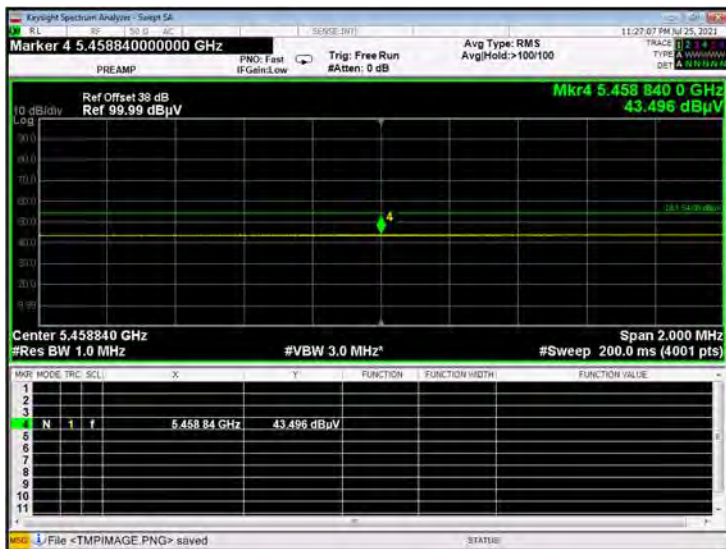
U-NII-2C 11n20 CH100 Peak



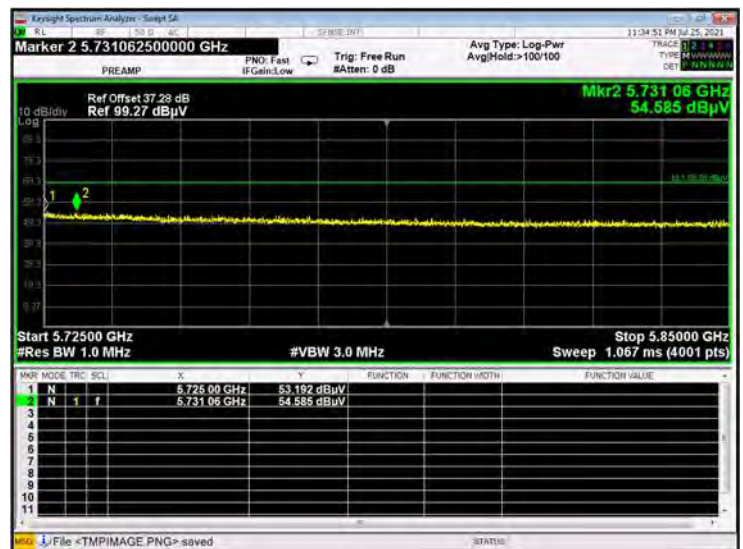
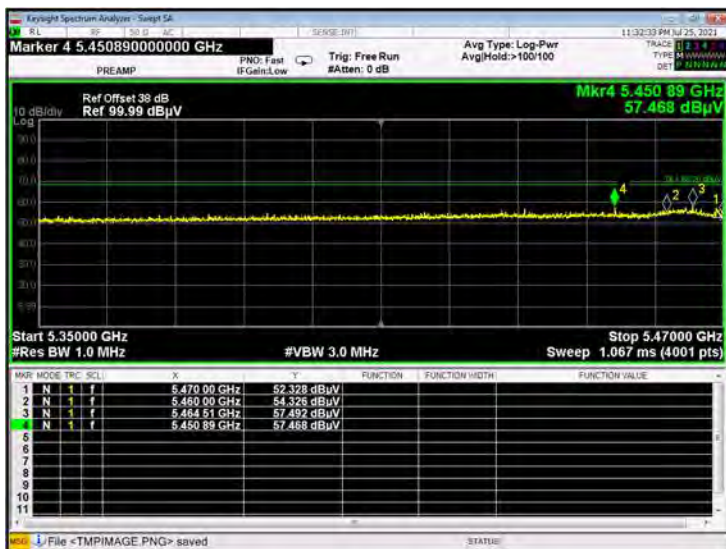
U-NII-2C 11n20 CH140 Peak



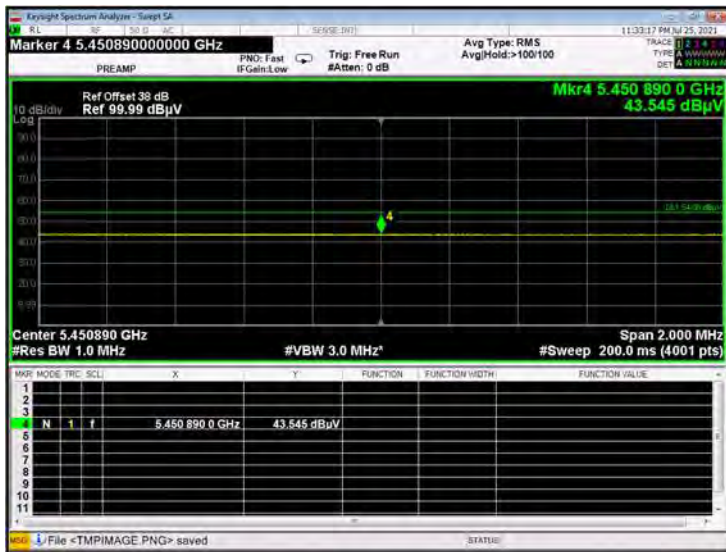
U-NII-2C 11n20 CH100 AV



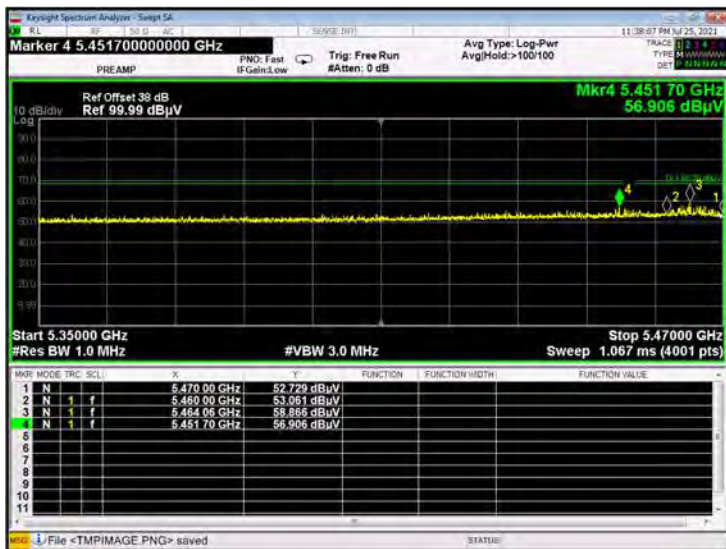
U-NII-2C 11n40 CH134 Peak



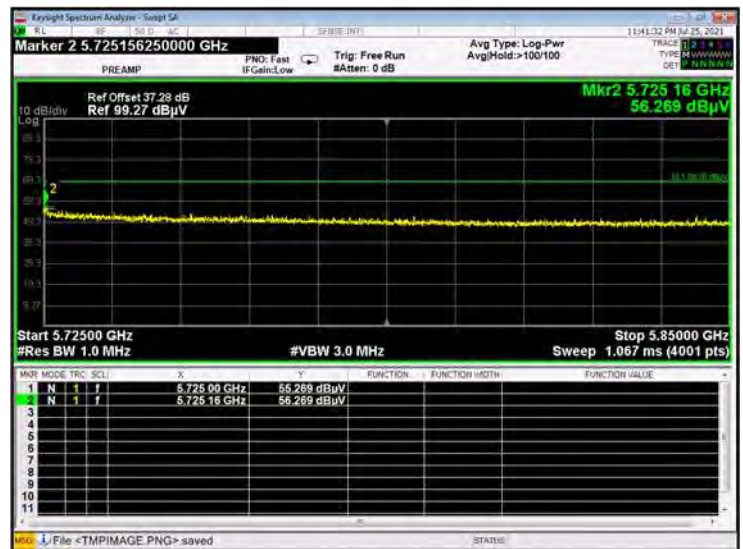
U-NII-2C 11n40 CH102 AV



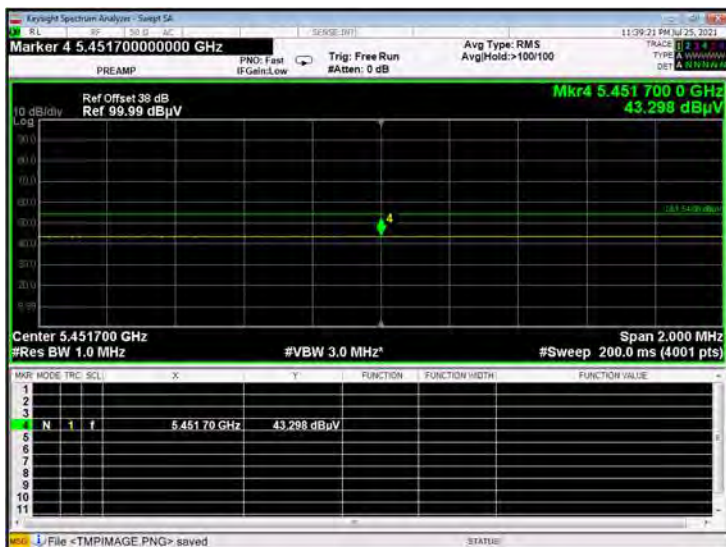
U-NII-2C 11ac20 CH100 Peak



U-NII-2C 11ac20 CH140 Peak



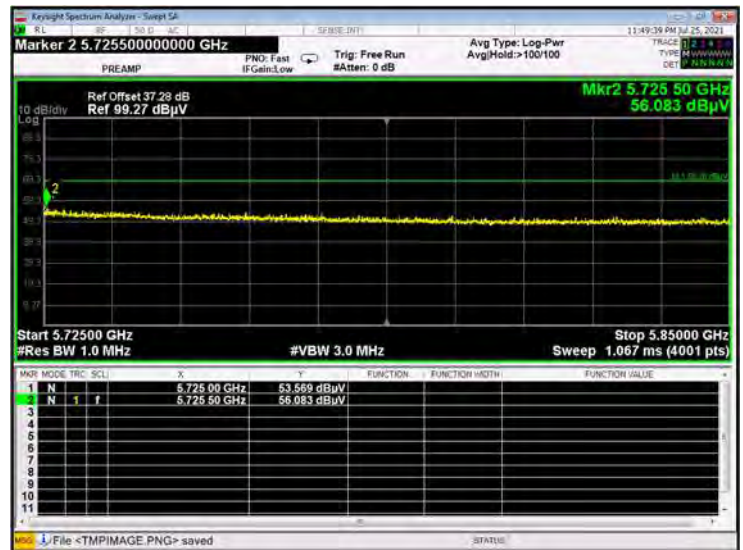
U-NII-2C 11ac20 CH100 AV



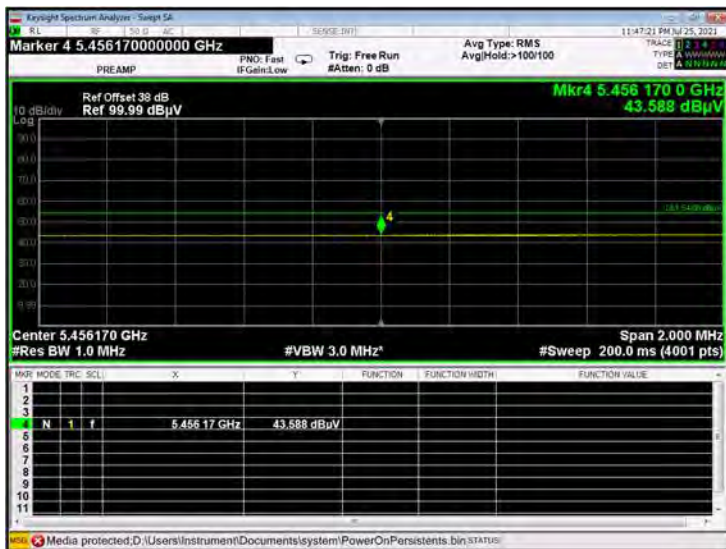
U-NII-2C 11ac40 CH102 Peak



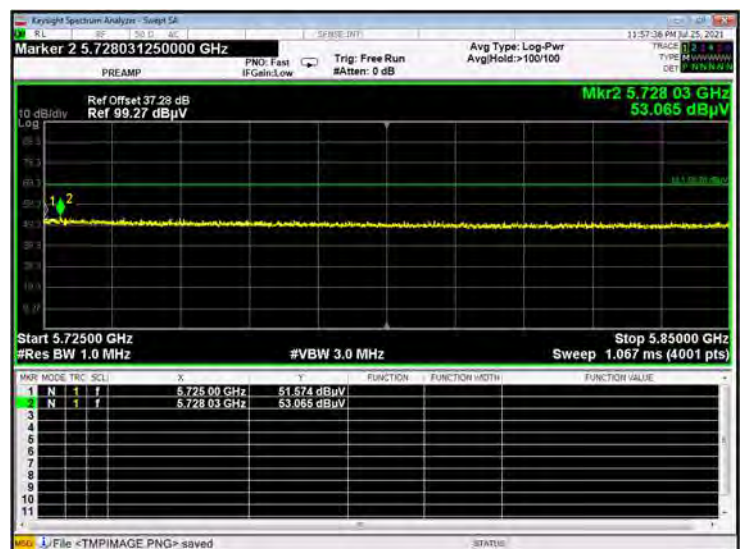
U-NII-2C 11ac40 CH134 Peak



U-NII-2C 11ac40 CH102 AV



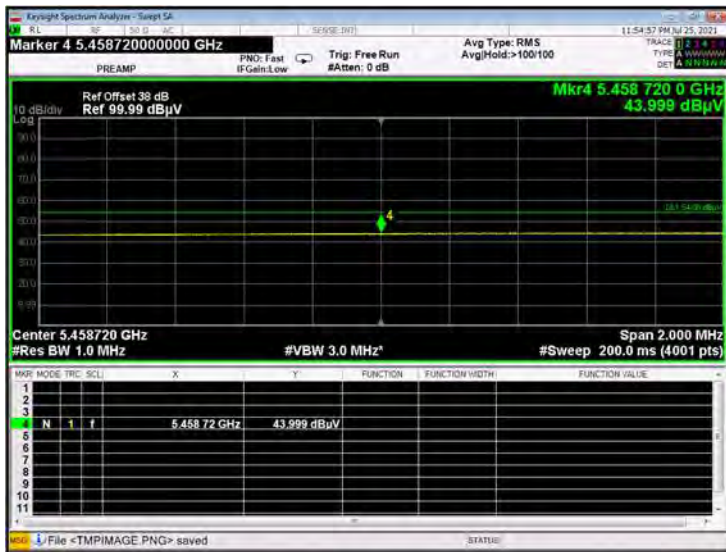
U-NII-2C 11ac80 CH122 Peak



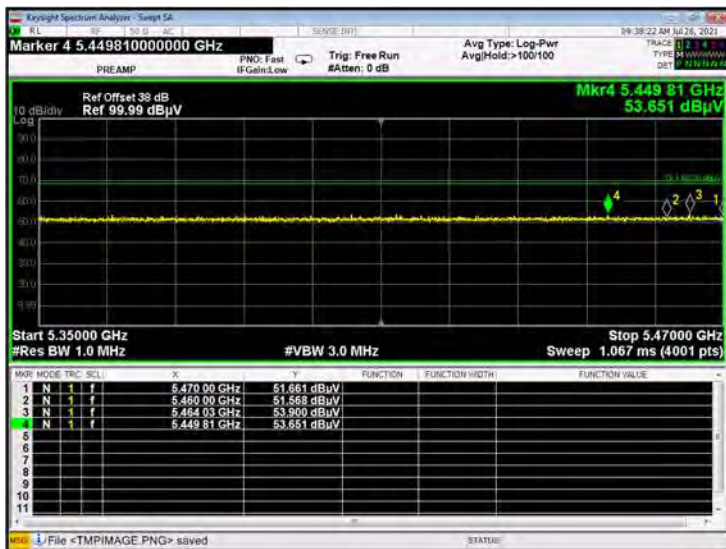
U-NII-2C 11ac80 CH106 Peak



U-NII-2C 11ac80 CH106 AV



U-NII-3 11a CH144 Peak



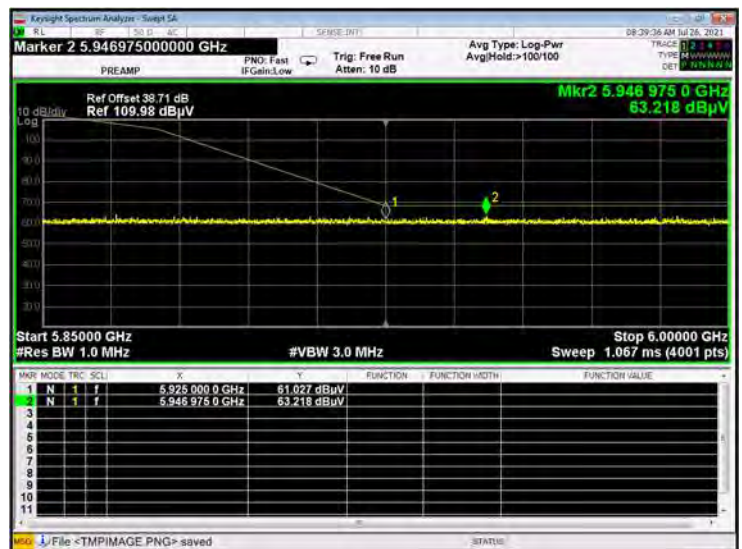
U-NII-3 11a CH144 Peak



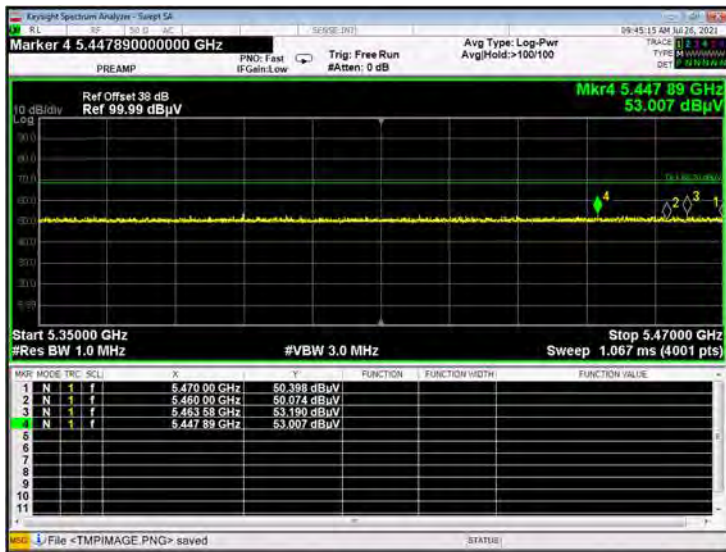
U-NII-3 11a CH149 Peak



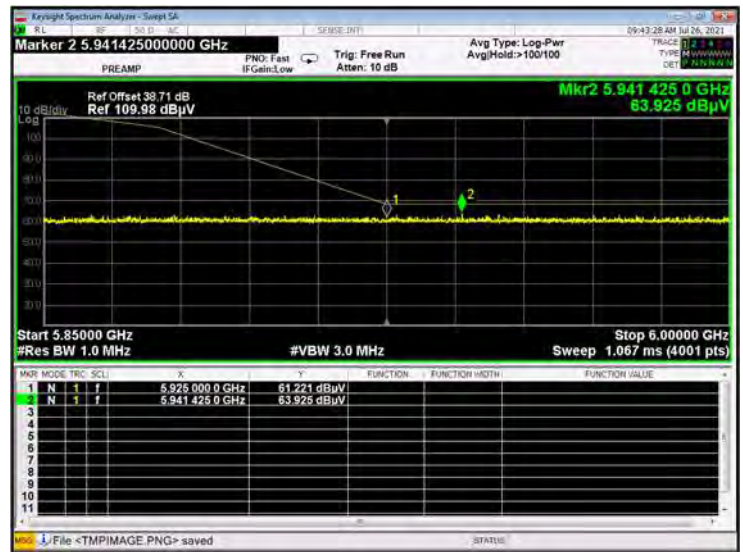
U-NII-3 11a CH165 Peak



U-NII-3 11n20 CH144 Peak



U-NII-3 11n20 CH144 Peak



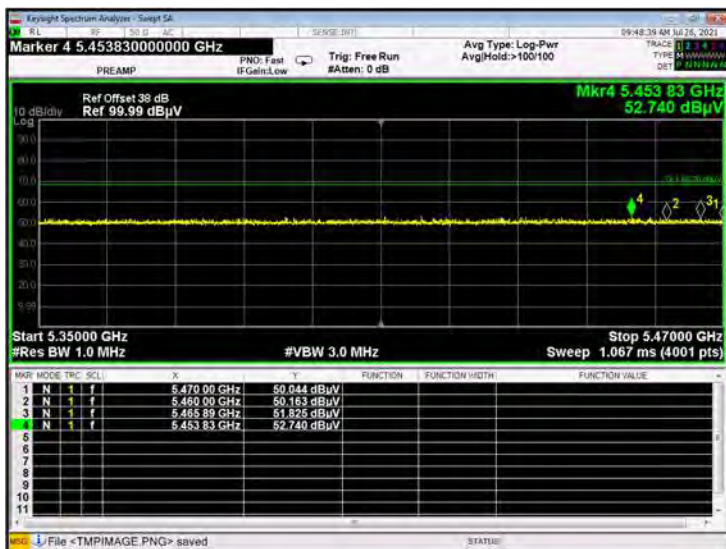
U-NII-3 11n20 CH149 Peak



U-NII-3 11n20 CH165 Peak



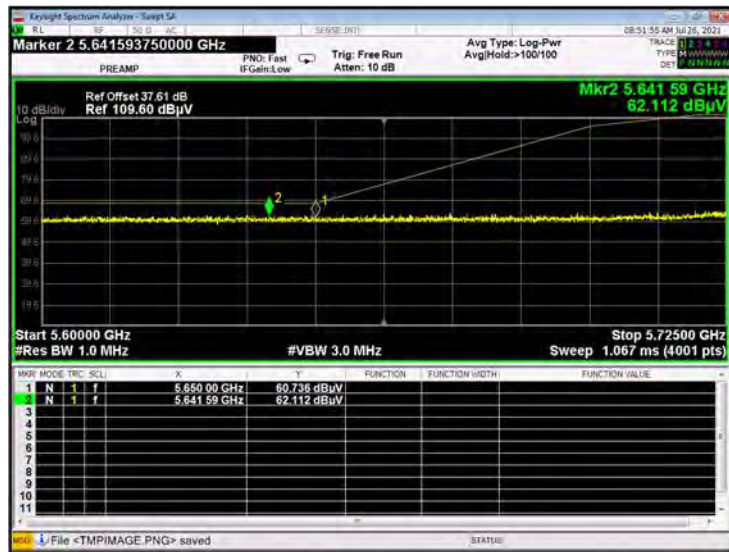
U-NII-3 11n40 CH142 Peak



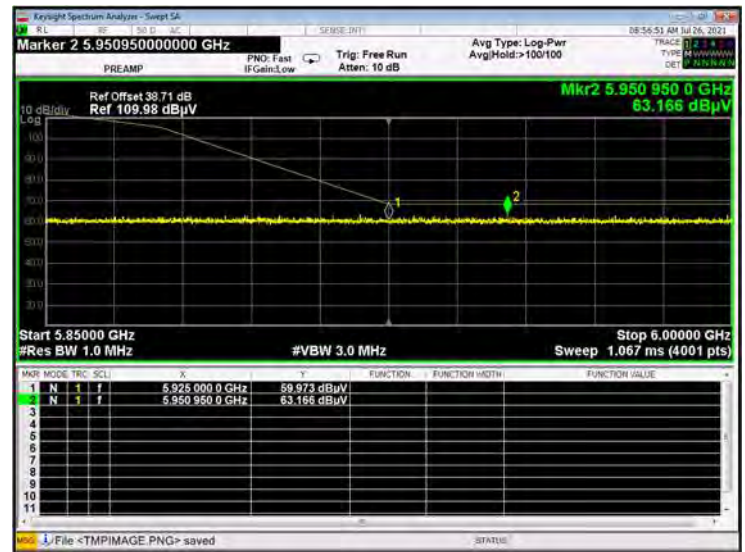
U-NII-3 11n40 CH142 Peak



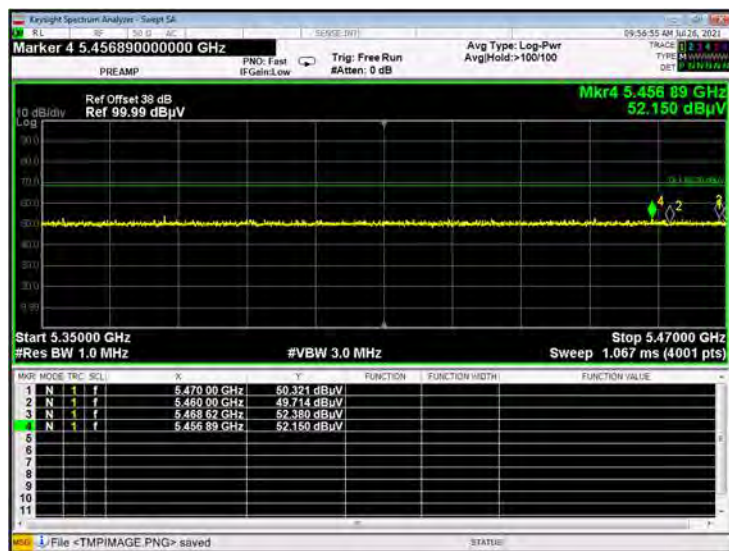
U-NII-3 11n40 CH151 Peak



U-NII-3 11n40 CH159 Peak



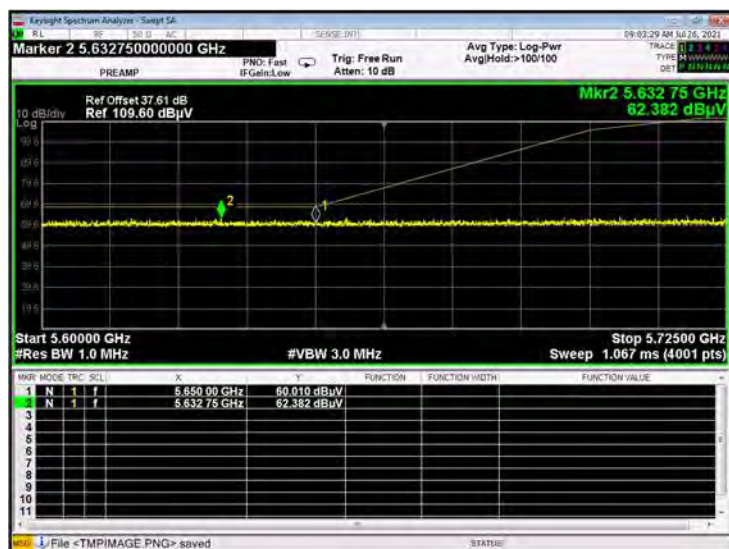
U-NII-3 11ac20 CH144 Peak



U-NII-3 11ac20 CH144 Peak



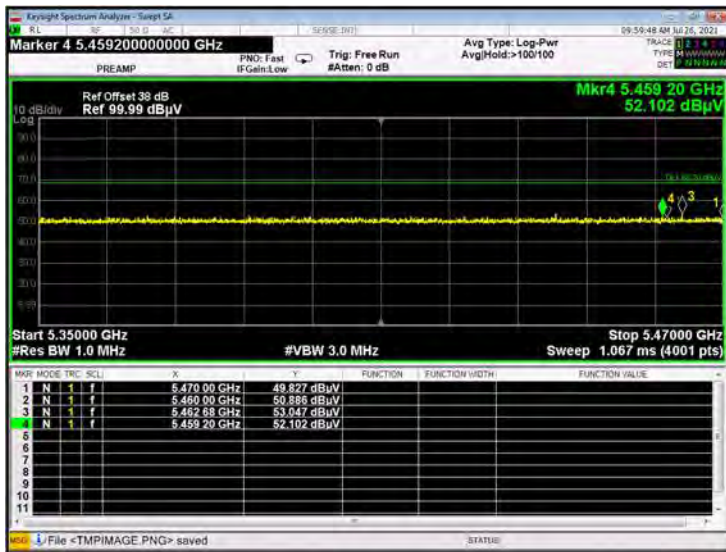
U-NII-3 11ac20 CH149 Peak



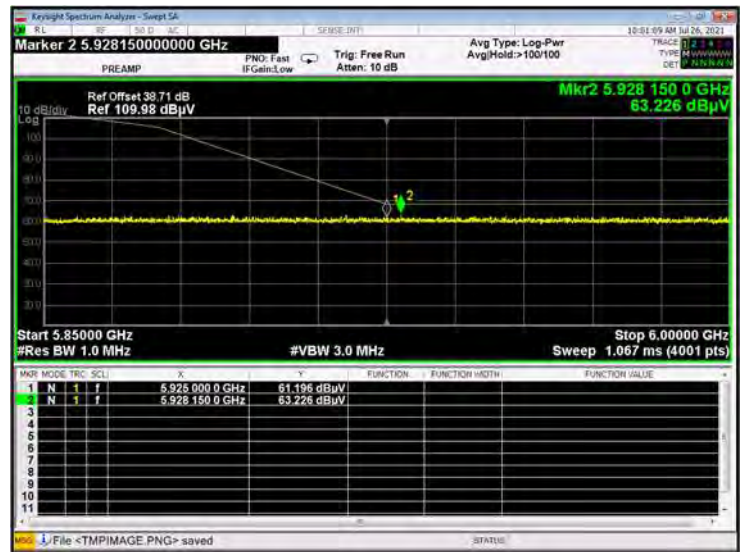
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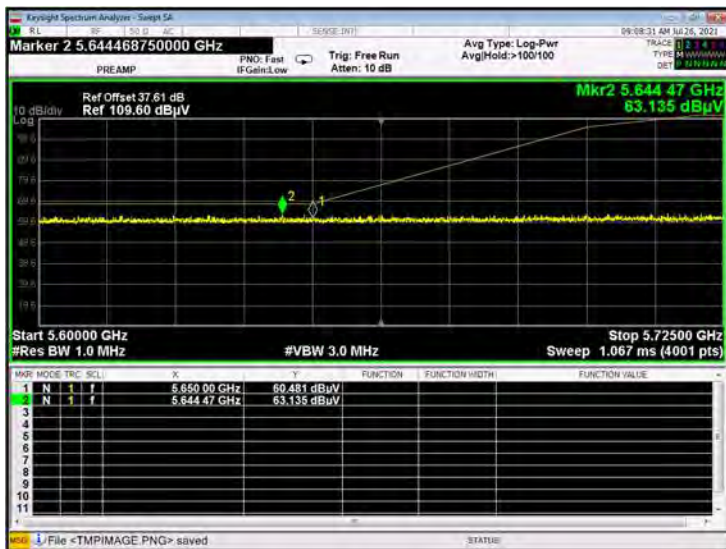
U-NII-3 11ac40 CH142 Peak



U-NII-3 11ac40 CH142 Peak



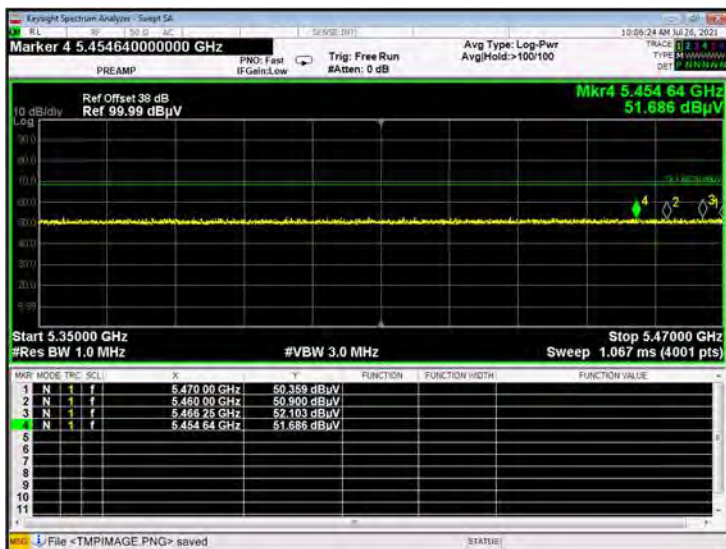
U-NII-3 11ac40 CH151 Peak



U-NII-3 11ac40 CH159 Peak



U-NII-3 11ac80 CH138 Peak



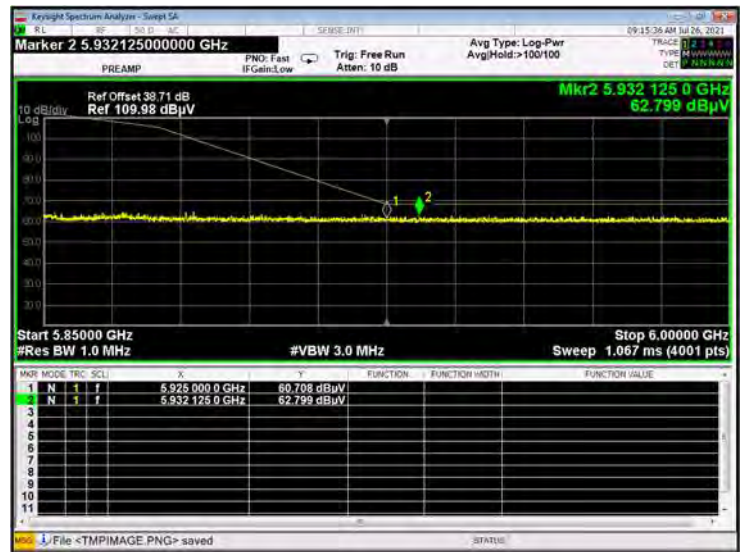
U-NII-3 11ac80 CH138 Peak



U-NII-3 11ac80 CH155 Peak



U-NII-3 11ac80 CH155 Peak



ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-SZ2170450-AR.PDF".

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document "BL-SZ2170450-AW.PDF".

ANNEX D EUT INTERNAL PHOTOS

Please refer the document "BL-SZ2170450-AI.PDF".

--END OF REPORT--